ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 West Hastings Street
Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578

ASSESSMENT REPORT

describing

DIAMOND DRILLING, EXCAVATOR TRENCHING, SOIL SAMPLING, MINERALOGICAL STUDIES AND METALLURGICAL TESTS

at the

KLAZA PROPERTY

Klaza, Dic, Etzel, Jon-Wedge, VG, VIC,
Bull, D, J. Bill #, JBF and Eagle Claims

NTS 115I/3
Latitude 62°08´N; Longitude 137°17´W
Whitehorse Mining District
Yukon Territory

Field work conducted between May and September, 2012

prepared by

Archer, Cathro & Associates (1981) Limited

for

ROCKHAVEN RESOURCES LTD.

by

J. Tarswell, B.Sc.
and
Matt Turner, B.Sc.

May 2013

CONTENTS

INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
HISTORY	2
GEOMORPHOLOGY	10
GEOLOGICAL SETTING	11
PROPERTY GEOLOGY	14
MINERALIZATION	15
EXCAVATOR TRENCHING	19
DIAMOND DRILLING	23
MAGNETIC SUSCEPTIBILITY DATA	46
DENSITY DATA	46
SOIL GEOCHEMICAL SAMPLING	47
QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)	48
DISCUSSION AND CONCLUSIONS	50
REFERENCES	53

APPENDICES

I STATEMENTS OF QUALIFICATIONS

II STATEMENT OF EXPENDITURES

III CYANIDATION RESULTS

IV SAMPLE HANDLING AND ANALYTICAL PROCEDURES

V CERTIFICATES OF ANALYSIS

VI EXCAVATOR TRENCH DATA

VII GEOLOGICAL AND GEOTECHNICAL LOGS

VIII QUALITY ASSURANCE (QA)/ QUALITY CONTROL (QC)

TABLES

Table I – Exploration History (after Deklerk and Traynor, 2005) 3

Table II – Regional Lithologies 11

Table III – Summary of Mineralized Zones 17

Table IV – CBM Comparison with Klaza 18

Table V – Cyanidation Test Results 19

Table VI – Significant Trench Results 21

Table VII – Diamond Drill Hole Data 23

Table VIII – Data for Main Mineralized Zones 25

Table IX – Significant Diamond Drill Hole Results 28

Table X – Magnetic Susceptibility Data 46

Table XI – Density Values Comparing Rock Types 47

Table XII – Thresholds for Soil Values 48

Table XIII – Klaza 1 Standard 49

Table XIV – Klaza 2 Standard 50

Table XV – Klaza 3 Standard 50

FIGURES

		Follows Page
1	Property Location	1
2	Claim Locations	In pocket
3	Historical Properties	In pocket
4	Tectonic Setting	11
5	Geology	11
6	Zones and Zonation	In pocket
7	Trench Plan Map	In pocket
8	2010-2012 Trench Highlights	In pocket
9	Diamond Drill Hole Locations	In pocket
10A	KL 9+400 mE Drill Section	23
10B	KL 9+400 mE Assay Histogram	23
11A	KL 9+500 mE Drill Section	23
11B	KL 9+500 mE Assay Histogram	23
12A	KL 9+600 mE Drill Section	23
12B	KL 9+600 mE Assay Histogram	23
13A	KL 9+700 mE Drill Section	23
13B	KL 9+700 mE Assay Histogram	23
14A	KL 9+800 mE Drill Section	23
14B	KL 9+800 mE Assay Histogram	23

15A	KL 9+900 mE Drill Section	23
15B	KL 9+900 mE Assay Histogram	23
16A	KL 9+950 mE Drill Section	23
16B	KL 9+950 mE Assay Histogram	23
17A	KL 10+000 mE Drill Section	23
17B	KL 10+000 mE Assay Histogram	23
18A	KL 10+050 mE Drill Section	23
18B	KL 10+050 mE Assay Histogram	23
19A	KL 10+100 mE Drill Section	23
19B	KL 10+100 mE Assay Histogram	23
20A	KL 10+150 mE Drill Section	23
20B	KL 10+150 mE Assay Histogram	23
21A	KL 10+200 mE Drill Section	23
21B	KL 10+200 mE Assay Histogram	23
22A	KL 10+250 mE Drill Section	23
22B	KL 10+250 mE Assay Histogram	23
23A	KL 10+300 mE Drill Section	23
23B	KL 10+300 mE Assay Histogram	23
24A	KL 10+350 mE Drill Section	23
24B	KL 10+350 mE Assay Histogram	23
25A	KL 10+400 mE Drill Section	23
25B	KL 10+400 mE Assay Histogram	23
26A	KL 10+450 mE Drill Section	23

26B	KL 10+450 mE Assay Histogram	23
27A	KL 10+500 mE Drill Section	23
27B	KL 10+500 mE Assay Histogram	23
28A	KL 10+550 mE Drill Section	23
28B	KL 10+550 mE Assay Histogram	23
29A	KL 10+600 mE Drill Section	23
29B	KL 10+600 mE Assay Histogram	23
30A	KL 10+650 mE Drill Section	23
30B	KL 10+650 mE Assay Histogram	23
31A	KL 10+700 mE Drill Section	23
31B	KL 10+700 mE Assay Histogram	23
32A	KL 10+750 mE Drill Section	23
32B	KL 10+750 mE Assay Histogram	23
33A	KL 10+800 mE Drill Section	23
33B	KL 10+800 mE Assay Histogram	23
34A	KL 10+850 mE Drill Section	23
34B	KL 10+850 mE Assay Histogram	23
35A	KL 10+900 mE Drill Section	23
35B	KL 10+900 mE Assay Histogram	23
36A	KL 10+950 mE Drill Section	23
36B	KL 10+950 mE Assay Histogram	23
37A	KL 11+000 mE Drill Section	23
37B	KL 11+000 mE Assay Histogram	23

38A	KL 11+050 mE Drill Section	23
38B	KL 11+050 mE Assay Histogram	23
39A	KL 11+100 mE Drill Section	23
39B	KL 11+100 mE Assay Histogram	23
40A	KL 11+150 mE Drill Section	23
40B	KL 11+150 mE Assay Histogram	23
41A	KL 11+200 mE Drill Section	23
41B	KL 11+200 mE Assay Histogram	23
42A	BRX 9+100 mE Drill Section	23
42B	BRX 9+100 mE Assay Histogram	23
43A	BRX 9+200 mE Drill Section	23
43B	BRX 9+200 mE Assay Histogram	23
44A	BRX 9+300 mE Drill Section	23
44B	BRX 9+300 mE Assay Histogram	23
45A	BRX 9+400 mE Drill Section	23
45B	BRX 9+400 mE Assay Histogram	23
46A	BRX 9+500 mE Drill Section	23
46B	BRX 9+500 mE Assay Histogram	23
47A	BRX 9+600 mE Drill Section	23
47B	BRX 9+600 mE Assay Histogram	23
48A	BRX 9+700 mE Drill Section	23
48B	BRX 9+700 mE Assay Histogram	23
49A	BRX 9+800 mE Drill Section	23

49B	BRX 9+800 mE Assay Histogram	23
50A	BRX 9+900 mE Drill Section	23
50B	BRX 9+900 mE Assay Histogram	23
51A	BRX 10+000 mE Drill Section	23
51B	BRX 10+000 mE Assay Histogram	23
52A	BRX 10+100 mE Drill Section	23
52B	BRX 10+100 mE Assay Histogram	23
53A	BRX 10+200 mE Drill Section	23
53B	BRX 10+200 mE Assay Histogram	23
54A	BRX 10+300 mE Drill Section	23
54B	BRX 10+300 mE Assay Histogram	23
55A	BRX 10+400 mE Drill Section	23
55B	BRX 10+400 mE Assay Histogram	23
56A	BRX 10+500 mE Drill Section	23
56B	BRX 10+500 mE Assay Histogram	23
57A	BRX 10+600 mE Drill Section	23
57B	BRX 10+600 mE Assay Histogram	23
58A	BRX 10+700 mE Drill Section	23
58B	BRX 10+700 mE Assay Histogram	23
59A	BRX 10+800 mE Drill Section	23
59B	BRX 10+800 mE Assay Histogram	23
60A	BRX 10+900 mE Drill Section	23
60B	BRX 10+900 mE Assay Histogram	23

61A	BRX 11+000 mE Drill Section	23
61B	BRX 11+000 mE Assay Histogram	23
62A	BRX 11+100 mE Drill Section	23
62B	BRX 11+100 mE Assay Histogram	23
63A	BRX 11+200 mE Drill Section	23
63B	BRX 11+200 mE Assay Histogram	23
64A	BRX 11+300 mE Drill Section	23
64B	BRX 11+300 mE Assay Histogram	23
65A	BRX 11+400 mE Drill Section	23
65B	BRX 11+400 mE Assay Histogram	23
66A	BRX 11+500 mE Drill Section	23
66B	BRX 11+500 mE Assay Histogram	23
67A	BRX 11+700 mE Drill Section	23
67B	BRX 11+700 mE Assay Histogram	23
68	DDH-KL-12-89 Drill Section (Pika)	23
69	DDH-KL-12-92 Drill Section (Pika)	23
70	DDH-KL-12-93 Drill Section (Pika)	23
71	DDH-KL-12-95 Drill Section (Pika)	23
72	DDH-KL-12-100 Drill Section (Pika)	23
73	DDH-KL-12-81 Drill Section (Dickson)	23
74	DDH-KL-12-83 Drill Section (Dickson)	23
75	DDH-KL-12-86 Drill Section (Dickson)	23
76	DDH-KL-12-129 Drill Section (Dickson)	23

77	DDH-KL-12-130 Drill Section (Dickson)	23
78	DDH-KL-12-104 Drill Section (Dickson)	23
79	DDH-KL-12-101, 108 and 117 Drill Section (Chevron)	23
80	DDH-KL-12-120 Drill Section (Chevron)	23
81	Vertical Longitudinal Section – Klaza Zone	In pocket
82	Vertical Longitudinal Section – BRX Zone	In pocket
83	2012 Soil Sample Locations	In pocket
84	Gold Soil Geochemistry	In pocket
85	Silver Soil Geochemistry	In pocket
86	Lead Soil Geochemistry	In pocket
87	Arsenic Soil Geochemistry	In pocket
88	Copper Soil Geochemistry	In pocket

INTRODUCTION

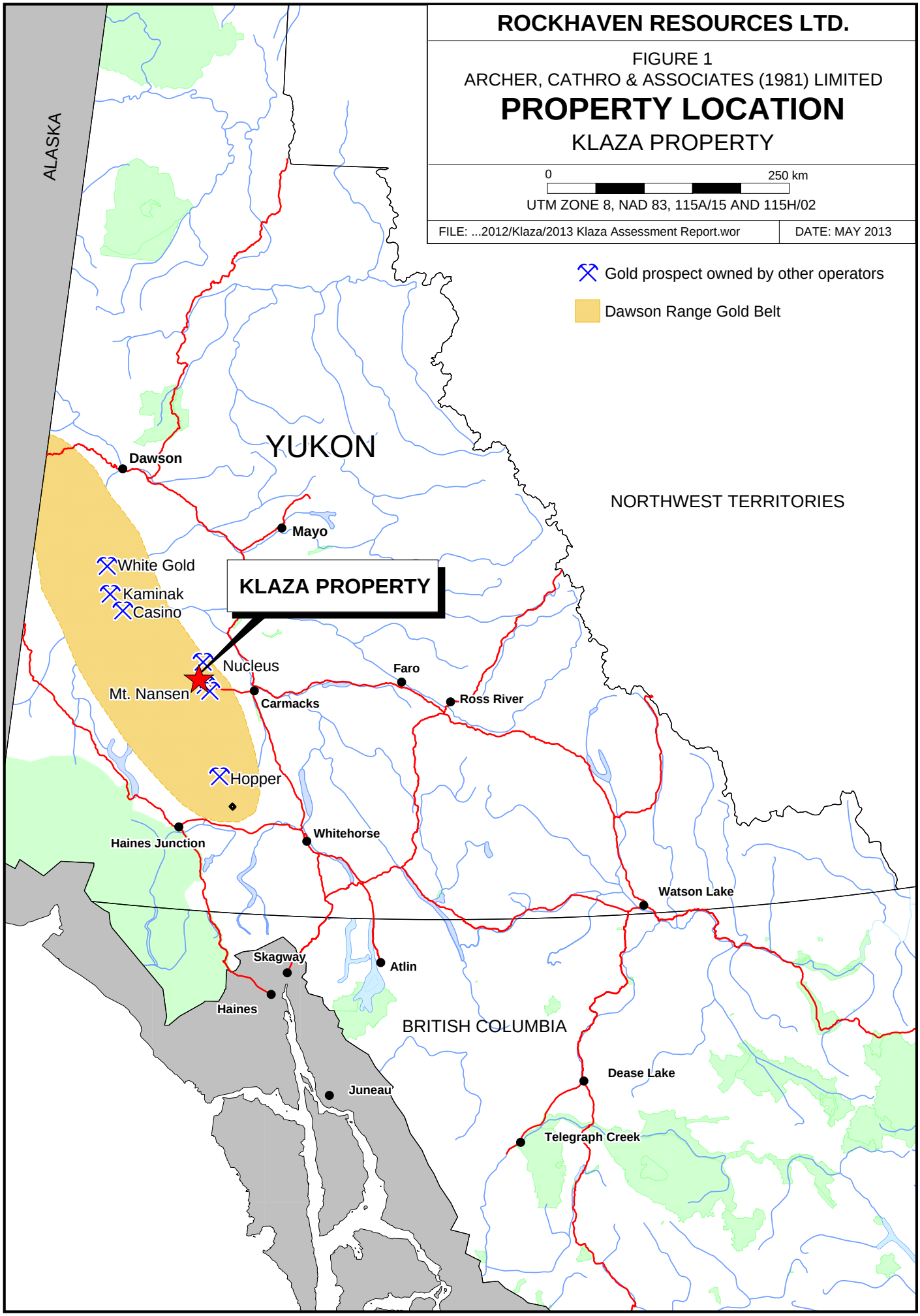
The Klaza property lies within the southern part of the Dawson Range Gold Belt in southwestern Yukon. It hosts gold-silver mineralization associated with a system of subparallel vein and breccia zones that remain open to extension. Copper-molybdenum-gold porphyry mineralization has also been discovered on the Property, but has seen little exploration to date. The Property covers an area of 7,855 hectares (78.55 sq km) and is owned by Rockhaven Resources Ltd. (Rockhaven).

From May to September 2012, Rockhaven conducted an exploration program involving: i) 22,451 m of diamond drilling; ii) 3964 m of excavator trenching; and, iii) soil geochemical sampling. Archer, Cathro & Associates (1981) Limited (Archer Cathro) managed the exploration program. The work was completed from a tent camp on the Property. The authors participated in and supervised the program. Appendix I contains the authors' Statements of Qualifications. A Statement of Expenditures is presented in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Klaza property is located in southwestern Yukon at latitude 62°07′ north and longitude 137°17′ west on NTS 115I/3 (Figure 1). It comprises 408 contiguous mineral claims registered with the Whitehorse Mining Recorder in the name of Rockhaven or Archer Cathro, which holds them in trust for Rockhaven. A total of 96 claims (Dic, Eagle, Etzel, VG, VIC, J. Bill, Jon-Wedge and Bull) are subject to a 1.5% Net Smelter Return (NSR) royalty payable to Janet Dickson of Whitehorse. The other 312 claims are not subject to any underlying royalties. All 408 claims are collectively referred to as the "Property" throughout this report. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Klaza 1-2F	YC37984-YC37985	January 11, 2024
3-10	YC37986-YC37993	January 11, 2024
11-14F	YC37994-YC37997	January 11, 2024
15-17	YC37998-YC38000	January 11, 2024
18-22	YC39051-YC39055	January 11, 2024
23F-24F	YC39056-YC39057	January 11, 2024
25-40	YD09205-YD09220	January 7, 2024
43-64	YD09223-YD09244	January 7, 2024
65F-66F	YC99541-YC99542	January 11, 2024
68-129	YD07149-YD07210	January 11, 2024
133-166	YD07214-YD07247	January 11, 2024
167-308	YD119737-YD119878	January 11, 2020
309	YD110502	January 11, 2020
310-311	YC97706-YC97707	January 11, 2021
314-316	YC97722-YC97724	January 11, 2021
Dic 1-7	YA93470-YA93476	January 11, 2021
101-106	YB35470-YB35475	January 11, 2022


ROCKHAVEN RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
KLAZA PROPERTY
0
250 km
UTM ZONE 8, NAD 83, 115A/15 AND 115H/02
FILE: ...2012/Klaza/2013 Klaza Assessment Report.wor
DATE: MAY 2013
Gold prospect owned by other operators
Dawson Range Gold Belt
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
Dawson
Mayo
White Gold
Kaminak
Casino
KLAZA PROPERTY
Nucleus
Mt. Nansen
Carmacks
Faro
Ross River
Hopper
Haines Junction
Whitehorse
Watson Lake
Skagway
Haines
Atlin
Juneau
Dease Lake
Telegraph Creek

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change decreasing 22.9'

4,200
4,600
4,700
3,700
3,800
3,900
4,000
4,100
4,400
4,800

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

KLAZA 307 YD119877
KLAZA 308 YD119878
KLAZA 305 YD119875
KLAZA 285 YD119855
KLAZA 306 YD119876
KLAZA 286 YD119856
KLAZA 303 YD119873
KLAZA 283 YD119853
KLAZA 263 YD119833
KLAZA 304 YD119874
KLAZA 284 YD119854
KLAZA 264 YD119834
KLAZA 301 YD119871
KLAZA 281 YD119851
KLAZA 241 YD119811
KLAZA 261 YD119831
KLAZA 302 YD119872
KLAZA 282 YD119852
KLAZA 262 YD119832
KLAZA 242 YD119812
KLAZA 299 YD119869
KLAZA 279 YD119849
KLAZA 259 YD119829
KLAZA 239 YD119809
KLAZA 219 YD119789
KLAZA 300 YD119870
KLAZA 280 YD119850
KLAZA 260 YD119830
KLAZA 240 YD119810
KLAZA 220 YD119790
KLAZA 297 YD119867
KLAZA 277 YD119847
KLAZA 257 YD119827
KLAZA 237 YD119807
KLAZA 217 YD119787
KLAZA 186 YD119756
KLAZA 298 YD119868
KLAZA 278 YD119848
KLAZA 258 YD119828
KLAZA 238 YD119808
KLAZA 218 YD119788
KLAZA 184 YD119754
KLAZA 295 YD119865
KLAZA 275 YD119845
KLAZA 255 YD119825
KLAZA 235 YD119805
KLAZA 215 YD119785
KLAZA 185 YD119755
KLAZA 182 YD119752
KLAZA 296 YD119866
KLAZA 276 YD119846
KLAZA 256 YD119826
KLAZA 236 YD119806
KLAZA 216 YD119786
KLAZA 183 YD119753
KLAZA 180 YD119750
KLAZA 293 YD119863
KLAZA 273 YD119843
KLAZA 253 YD119823
KLAZA 233 YD119803
KLAZA 213 YD119783
KLAZA 154 YD07235
KLAZA 181 YD119751
KLAZA 178 YD119748
KLAZA 294 YD119864
KLAZA 274 YD119844
KLAZA 254 YD119824
KLAZA 234 YD119804
KLAZA 214 YD119784
KLAZA 153 YD07234
KLAZA 179 YD119749
KLAZA 176 YD119746
KLAZA 291 YD119861
KLAZA 271 YD119841
KLAZA 251 YD119821
KLAZA 231 YD119801
KLAZA 211 YD119781
KLAZA 156 YD07237
KLAZA 108 YD07189
KLAZA 177 YD119747
KLAZA 174 YD119744
KLAZA 292 YD119862
KLAZA 272 YD119842
KLAZA 252 YD119822
KLAZA 232 YD119802
KLAZA 212 YD119782
KLAZA 155 YD07236
KLAZA 110 YD07191
KLAZA 175 YD119745
KLAZA 172 YD119742
KLAZA 289 YD119859
KLAZA 269 YD119839
KLAZA 249 YD119819
KLAZA 229 YD119799
KLAZA 209 YD119779
KLAZA 158 YD07239
KLAZA 109 YD07190
KLAZA 112 YD07193
KLAZA 173 YD119743
KLAZA 169 YD119739
KLAZA 290 YD119860
KLAZA 270 YD119840
KLAZA 250 YD119820
KLAZA 230 YD119800
KLAZA 210 YD119780
KLAZA 157 YD07238
KLAZA 111 YD07192
KLAZA 114 YD07195
KLAZA 170 YD119740
KLAZA 287 YD119857
KLAZA 267 YD119837
KLAZA 247 YD119817
KLAZA 227 YD119797
KLAZA 207 YD119777
KLAZA 160 YD07241
KLAZA 151 YD07232
KLAZA 113 YD07194
KLAZA 116 YD07197
KLAZA 171 YD119741
KLAZA 288 YD119858
KLAZA 268 YD119838
KLAZA 248 YD119818
KLAZA 228 YD119798
KLAZA 208 YD119778
KLAZA 159 YD07240
KLAZA 152 YD07233
KLAZA 115 YD07196
KLAZA 118 YD07199
KLAZA 167 YD119737
KLAZA 265 YD119835
KLAZA 245 YD119815
KLAZA 225 YD119795
KLAZA 205 YD119775
KLAZA 162 YD07243
KLAZA 149 YD07230
KLAZA 106 YD07187
KLAZA 117 YD07198
KLAZA 168 YD119738
KLAZA 266 YD119836
KLAZA 246 YD119816
KLAZA 226 YD119796
KLAZA 206 YD119776
KLAZA 161 YD07242
KLAZA 150 YD07231
KLAZA 120 YD07201
KLAZA 243 YD119813
KLAZA 223 YD119793
KLAZA 203 YD119773
KLAZA 164 YD07245
KLAZA 147 YD07228
KLAZA 107 YD07188
KLAZA 119 YD07200
KLAZA 122 YD07203
KLAZA 244 YD119814
KLAZA 224 YD119794
KLAZA 204 YD119774
KLAZA 163 YD07244
KLAZA 148 YD07229
KLAZA 104 YD07185
KLAZA 96 YD07177
KLAZA 121 YD07202
KLAZA 124 YD07205
KLAZA 221 YD119791
KLAZA 201 YD119771
KLAZA 166 YD07247
KLAZA 145 YD07226
KLAZA 102 YD07183
KLAZA 105 YD07186
KLAZA 97 YD07178
KLAZA 123 YD07204
KLAZA 126 YD07207
KLAZA 222 YD119792
KLAZA 202 YD119772
KLAZA 165 YD07246
KLAZA 146 YD07227
KLAZA 103 YD07184
KLAZA 94 YD07175
KLAZA 79 YD07160
KLAZA 125 YD07206
KLAZA 128 YD07209
KLAZA 199 YD119769
KLAZA 198 YD119768
KLAZA 143 YD07224
KLAZA 100 YD07181
KLAZA 95 YD07176
KLAZA 78 YD07159
KLAZA 127 YD07208
KLAZA 200 YD119770
KLAZA 196 YD119766
KLAZA 144 YD07225
KLAZA 101 YD07182
KLAZA 92 YD07173
KLAZA 81 YD07162
KLAZA 69 YD07150
KLAZA 129 YD07210
KLAZA 197 YD119767
KLAZA 194 YD119764
KLAZA 98 YD07179
KLAZA 93 YD07174
KLAZA 80 YD07161
KLAZA 68 YD07149
KLAZA 399 YD110502
KLAZA 195 YD119765
KLAZA 192 YD119762
KLAZA 99 YD07180
KLAZA 90 YD07171
KLAZA 83 YD07164
KLAZA 71 YD07152
KLAZA 33 YD09213
KLAZA 193 YD119763
KLAZA 190 YD119760
KLAZA 88 YD07169
KLAZA 82 YD07163
KLAZA 70 YD07151
KLAZA 34 YD09214
KLAZA 191 YD119761
KLAZA 188 YD119758
KLAZA 89 YD07170
KLAZA 73 YD07154
KLAZA 31 YD09211
KLAZA 35 YD09215
KLAZA 189 YD119759
KLAZA 142 YD07223
KLAZA 84 YD07165
KLAZA 72 YD07153
KLAZA 32 YD09212
KLAZA 44 YD09224
KLAZA 187 YD119757
KLAZA 87 YD07168
KLAZA 75 YD07156
KLAZA 29 YD09209
KLAZA 37 YD09217
KLAZA 43 YD09223
KLAZA 140 YD07221
KLAZA 86 YD07167
KLAZA 74 YD07155
KLAZA 13 YC37996
KLAZA 36 YD09216
KLAZA 39 YD09219
KLAZA 141 YD07222
KLAZA 138 YD07219
KLAZA 77 YD07158
KLAZA 27 YD09207
KLAZA 14 YC37997
KLAZA 38 YD09218
KLAZA 311 YC97707
KLAZA 15 YC37998
KLAZA 40 YD09220
KLAZA 139 YD07220
KLAZA 136 YD07217
KLAZA 76 YD07157
KLAZA 28 YD09208
KLAZA 16 YC37999
KLAZA 310 YC97706
KLAZA 45 YD09225
KLAZA 137 YD07218
KLAZA 134 YD07215
KLAZA 25 YD09205
KLAZA 1 YC37984
KLAZA 17 YC38000
KLAZA 19 YC39052
KLAZA 135 YD07216
KLAZA 26 YD09206
KLAZA 3 YC37986
KLAZA 18 YC39051
KLAZA 66F YC39042
KLAZA 21 YC39054
KLAZA 314 YC97722
KLAZA 316 YC97724
KLAZA 2 YC37985
KLAZA 20 YC39053
KLAZA 46 YD09226
KLAZA 133 YD07214
KLAZA 315 YC97723
DIC 2 YA93471
KLAZA 5 YC37988
KLAZA 23 YC39056
DIC 4 YA93473
KLAZA 4 YC37987
KLAZA 65F YC39043
KLAZA 22 YC39055
DIC 6 YA93475
KLAZA 7 YC37990
KLAZA 47 YD09227
KLAZA 24 YC39057
DIC 3 YA93472
DIC 1 YA93470
KLAZA 6 YC37989
KLAZA 9 YC37992
DIC 5 YA93474
KLAZA 8 YC37991
DIC 7 YA93476
EAGLE 4 YB35418
EAGLE 2 YB35416
KLAZA 11 YC37994
KLAZA 10 YC37993
KLAZA 63 YD09243
EAGLE 6 YB35420
EAGLE 8 YB35422
EAGLE 5 YB35415
KLAZA 12 YC37995
EAGLE 10 YB35424
EAGLE 3 YB35417
KLAZA 60 YD09240
KLAZA 58 YD09238
KLAZA 64 YD09244
EAGLE 7 YB35421
EAGLE 12 YB35426
EAGLE 5 YB35419
KLAZA 62 YD09242
EAGLE 9 YB35423
DIC 102 YB35471
DIC 101 YB35470
KLAZA 61 YD09241
KLAZA 59 YD09239
KLAZA 48 YD09228
KLAZA 49 YD09229
EAGLE 11 YB35425
DIC 104 YB35473
DIC 103 YB35472
KLAZA 56 YD09236
KLAZA 54 YD09234
KLAZA 50 YD09230
KLAZA 51 YD09231
DIC 106 YB35475
DIC 105 YB35474
KLAZA 57 YD09237
KLAZA 55 YD09235
KLAZA 52 YD09232
KLAZA 53 YD09233

VG 3 YA86408
VG 4 YA86409
VIC 76 YC19430
VIC 75 YC19429
VG 1 YA86406
VG 2 YA86407
VIC 78 YC19432
VIC 77 YC19431
VIC 2 YA86309
ETZEL 19 YA86354
ETZEL 20 YA86355
ETZEL 17 YA86352
ETZEL 18 YA86353
ETZEL 15 YA86350
ETZEL 16 YA86351
ETZEL 38 YA86398
ETZEL 34 YA86369
ETZEL 31 YA86366
ETZEL 32 YA86367
ETZEL 13 YA86348
ETZEL 14 YA86349
ETZEL 43 YA86378
ETZEL 44 YA86379
ETZEL 29 YA86364
ETZEL 30 YA86365
ETZEL 11 YA86346
ETZEL 12 YA86347
ETZEL 41 YA86376
ETZEL 42 YA86377
ETZEL 27 YA86362
ETZEL 28 YA86363
ETZEL 9 YA86344
ETZEL 10 YA86345
ETZEL 39 YA86374
ETZEL 40 YA86375
ETZEL 49 YA86384
ETZEL 50 YA86385
ETZEL 25 YA86360
ETZEL 26 YA86361
ETZEL 7 YA86342
ETZEL 8 YA86343
ETZEL 37 YA86372
ETZEL 38 YA86373
ETZEL 47 YA86382
ETZEL 48 YA86383
ETZEL 23 YA86358
ETZEL 24 YA86359
ETZEL 5 YA86340
ETZEL 6 YA86341
ETZEL 35 YA86370
ETZEL 36 YA86371
ETZEL 45 YA86380
ETZEL 46 YA86381
ETZEL 21 YA86356
ETZEL 22 YA86357
ETZEL 3 YA86338
ETZEL 4 YA86339
ETZEL 1 YA86336
ETZEL 2 YA86337

J. BILL # 15 YA78063
J. BILL # 16 YA78064
J. BILL # 31 YA78079
J. BILL # 32 YA78080
BULL 1 YA81420
JBF 50 YB54943
JON-WEDGE 1 YB35895
D 3 YB57375
D 4 YB57376
J. BILL # 13 YA78061
J. BILL # 14 YA78062
J. BILL # 29 YA78077
JON-WEDGE 2 YB35896
BULL 2 YA81421
J. BILL # 30 YA78078
JBF 6 YB34958

ROCKHAVEN RESOURCES LTD.

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

Eagle 1-12	YB35415-YB35426	January 11, 2022
Etzel 1-12	YA86336-YA86347	December 1, 2028
Etzel 13-17	YA86348-YA86352	December 1, 2027
Etzel 19-20	YA86353-YA86355	December 1, 2028
Etzel 21-28	YA86356-YA86363	December 1, 2027
Etzel 29-32	YA86364-YA86367	December 1, 2028
Etzel 33	YS86368	December 1, 2024
Etzel 34	YA86369	December 1, 2028
Etzel 35-44	YA86370-YA86379	December 1, 2025
Etzel 45-50	YA86380-YA86385	December 1, 2027
VG 1-4	YA86406-YA86409	December 1, 2025
VIC 76-78	YC19430-YC19432	December 1, 2028
75	YC19429	December 1, 2025
2	YA86309	December 1, 2027
J. Bill # 13	YA78061	February 2, 2018
14	YA78062	February 2, 2022
15-16	YA78063-YA78064	February 2, 2018
29-30	YA78077-YA78078	February 28, 2018
31-32	YA78079-YA78080	February 28, 2022
D 3-4	YB57375-YB57376	January 1, 2018
Jon-Wedge 1	YB35895	December 1, 2018
2	YB35896	December 1, 2016
Bull 1-2	YA81420-YA81421	December 1, 2024
JBF 6	YB36958	December 1, 2016
10	YB54543	December 5, 2017

*Expiry dates include 2012 work which has been filed for assessment credit but not yet accepted.

The Property is located 50 km due west of Carmacks and can be reached from Whitehorse by driving 180 km north on Highway #2 (the Klondike Highway) to Carmacks, then 60 km west on the two-wheel drive Nansen Road to the Mount Nansen mine site. The Nansen Road is a gravel road maintained by the Yukon Territorial Government. From the mine site, the road deteriorates in quality but continues approximately 14 km north to placer operations in the Klaza River valley. Rockhaven's camp and the main areas of exploration interest on the Property can be reached by a network of four-wheel drive roads and trails that connect to the Nansen Road. By road, the Property is 250 km from Whitehorse and 430 km from the year-round tidewater port at Skagway, Alaska.

HISTORY

Exploration history was compiled from assessment reports submitted to the Whitehorse Mining Recorder. These reports were written prior to the implementation of NI 43-101 standards for disclosure. Nonetheless, they were consistent with professional standards at the time they were written and were accepted by the Mining Recorder.

Between 1937 and 1998, several operators worked on various claim groups that now lie within the boundaries of the Property (Figure 3). Although strong geochemical and geophysical anomalies were identified by this work, follow-up trenching and drilling produced sporadic results, in part because of physical and technological limitations (early bulldozer trenches rarely reached bedrock and small diameter drill holes often gave poor core recoveries). Table I lists the year of work, owner/operator, claim group name, work performed and highlight results for each program.

Table I – Exploration History (after Deklerk and Traynor, 2005)

Year of Work (Report #)	Owner/ Operator	Claim Group	Work Performed	Results
1937 (none)	K. Paulson	n/a	Prospecting.	Rumour of high grade silver-lead float (per 091889).
1948	G. Dickson	n/a	Bulldozer trenching	n/a (per 091889).
1967 (none)	J. Smith	May	Soil sampling and bulldozer trenching.	Anomalous silver and lead soil geochemistry, but no vein was intersected by trenching (per 060737).
1968 (019090)	Esansee Explorations Limited	May	Geochemical and geophysical surveys and bulldozer trenching.	Peak soil values were 8200 ppm lead, 125 ppm silver and 800 ppm arsenic. Specimen samples of "fissure" vein cut in a bulldozer trench returned peak values of 34.3 g/t gold, 2057.1 g/t silver, 44% lead and less than 1% zinc.
1969 (060737)	Esansee Explorations Limited	May	Bulldozer trenching and road building.	A chip sample returned 15.09 g/t gold and 483 g/t silver over 1.83 m. A 14 km road (considered an extension of the Mount Nansen Mine road) was built from the Mount Nansen Mine campsite to the May claims.
1973 (Unpublished data found in Archer Cathro's files)	Area Exploration Company	Betty, Bun and Crow	Percussion (283.5 m) and diamond (623.8 m) drilling.	Two percussion drill holes (283.5 m) and three diamond drill holes (776.1 m) were completed to test a 700 by 900 m copper-in-soil geochemical anomaly.
1980 (090692 and 062050)	BRX Mining & Petroleum Corp.	Tawa	Geochemical sampling, bulldozer trenching and diamond drilling (447.3 m in 7 holes).	Soil sampling identified northwesterly-trending linear anomalies. The best interval from diamond drilling returned 8.64 g/t gold and 25.68 g/t silver over 6.0 m including 24.5 g/t gold and 50.1 g/t silver over 1.5 m (80-6).
1981 (090909)	BRX Mining & Petroleum	Tawa	Electromagnetic and proton magnetometer	Both surveys highlighted coincident, northwesterly-

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change decreasing 22.9'

3,500
3,700
3,800
3,900
4,000
4,100
4,200
4,300
4,400
4,600
4,700
4,800

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

- Rockhaven Resources Ltd. Property Boundary; 2010-present; Klaza, Dic, Etzel, Jon-Wedge, VG, VIC, Bull, D, J. Bill Klaza_outline_2013, JBF, Eagle
- Ansell Capital Property Boundary; 2009; Tawa, Etzel, Discovery Creek, Dome, TBR, Jon Wedge, Bull, D, J. Bill, JBF, Eagle
- Aurchem Exploration Ltd. Property Boundary; 2003-present; Discovery Creek, TBR, Rat, Dome, Dic, Etzel, Jon-Wedge, VG, VIC, Bull, D, J. Bill, JBF, Eagle
- BYG Natural Resources Inc. Property Boundary; 1988-1999; Tawa, KR, Gerald, Dic, Etzel, Jon-Wedge, VG, VIC, Bull, D, J. Bill, JBF, Eagle, Discovery Creek, TBR, Rat, Dome
- Pearl Resources Ltd Property Boundary; 1986-1988; Etzel
- Kerr Addison Mines Ltd. Property Boundary; 1985-1987; Dic
- Chesbar Resources Inc. Property Boundary; 1987-1988; Dic
- Chevron Minerals Ltd. Property Boundary; 1986-1988; Tawa
- BRX Mining and Petroleum Corp. Property Boundary; 1980-1986; Tawa
- Esansee Exploration Ltd. Property Boundary; 1968-1969; May
- Area Exploration Company Property Boundary; 1971-1973; Betty, Bun, Crow

ROCKHAVEN RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HISTORIC CLAIM LOCATIONS

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

	Corp.		surveys.	trending anomalies.
1985 (091915)	Kerr Addison Mines Limited	Dic	Geological, geochemical and geophysical surveys.	A total of 216 soil and 45 rock samples were collected for analysis and 4.0 line kilometres of magnetic and 2.8 line kilometres of VLF-EM surveys were conducted.
1986 (091889)	Chevron Minerals Limited	Tawa	Mapping, prospecting, bulldozer trenching and an electromagnetic survey.	Deepening historical trenches returned 5.28 g/t gold and 132.0 g/t silver over 2 m. Geophysical and geochemical anomalies extended to 1900 and 2000 m, respectively.
1986 (091870)	Pearl Resources Ltd.	Etzel	Geological mapping and geochemical sampling	Geochemical sampling returning gold-in-soil values up to 310 ppb and silver-in-soil values up to 54.5 ppm. The best chip sample returned 0.99 g/t gold over 1 m.
1988a (092083)	Chevron Minerals Limited	Tawa	Road building, bulldozer trenching and claim staking.	Trench T-11 at the Klaza zone returned 4.22 g/t gold and 47.3 g/t silver over 8.0 m including 4.27 g/t gold and 86.7 g/t silver over 1.0 m. Trenching at the BRX zone intersected 3.12 g/t gold and 46.3 g/t silver over 7.0 m including 6.99 g/t gold and 41.1 g/t silver over 1.5 m (T-14) and 6.86 g/t gold and 160.1 g/t silver over 2.5 m (T-16).
1988b (092585)	Chevron Minerals Limited	Tawa	Excavator trenching (1924 m) and six diamond drill holes (377 m).	Trenching exposed a vein in T-22 that returned 16.3 g/t gold and 1289.1 g/t silver over 1.7 m. A drill hole testing the down dip continuity of this interval returned 6.03 g/t gold and 129.9 g/t silver over 1.36 m (Hole 88-6).
1988c (092533)	Chesbar Resources Inc.	Dic	Stream sediment sampling, prospecting and trenching.	Silt sampling returned values up to 1050 ppb gold, while 75% of values were less than 10 ppb gold. Prospecting yielded a peak value of 220 ppb gold. Historical trenches (7.8 km) were deepened, but hindered by frozen ground.
1989 (Eaton, 1989)	BYG Natural Resources Inc. and Chevron Minerals Ltd.	Tawa	Road construction and excavator trenching (580 m).	n/a

1996 (093516)	BYG Natural Resources Inc.	Tawa, KR and Dic	Very low frequency electromagnetic, magnetic and geochemical surveys.	Northwesterly-trending VLF-EM and magnetic anomalies and soil geochemical values up to 1825 ppb gold and 1049 ppm copper.
1999 (093948)	BYG Natural Resources Inc.	Gerald and Tawa	Overburden stripping and diamond drilling (307.8 m in 3 holes).	Klaza zone drilling returned: 3.82 g/t gold and 84.7 g/t silver over 5.05 m (TA-98-8). BRX zone drilling returned 0.24 g/t gold and 1.3 g/t silver over 55.75 m (TA-98-9).
2003 (094450)	Aurchem Exploration Ltd.	Etzel	Excavator trenching	The best trench result was from a clay-rich zone that graded 6.05 g/t gold and 15.3 g/t silver over 6.0 m.
2005 (Wengzynowski, 2006)	ATAC Resources Ltd.	Klaza	Staked Klaza 1-24 claims before optioning them to Bannockburn Resources Limited.	n/a
2006 (Wengzynowski, 2006)	Bannockburn Resources Limited.	Klaza	Line cutting and IP surveying	Two positive chargeability anomalies were identified.
2009 (Turner and Tarswell, 2011)	ATAC Resources Ltd. – Rockhaven Resources Ltd.	Klaza	ATAC sold the Klaza 1-24 claims to Rockhaven Resources Ltd.	n/a
2010 (Turner and Tarswell, 2011)	Rockhaven Resources Ltd.	Klaza	Claim staking, geophysical surveying, diamond drilling, excavator trenching and soil geochemical sampling.	Best drill intercept returned 3.23 g/t gold and 117.7 g/t silver over 36.50 m. Several additional coincident geochemical and geophysical anomalies were identified. Peak soil geochemical values were 856 ppb gold, 5.8 ppm silver, 494 ppm lead and 349 ppm arsenic.
2011 (Turner and Tarswell, 2012)	Rockhaven Resources Ltd.	Klaza	Geophysical surveying, diamond and reverse circulation drilling, excavator trenching, soil geochemical sampling and air photo surveying.	Best drill intercept returned 4.24 g/t gold and 15 g/t silver over 10.46 m. Peak soil geochemical values were 320 ppb gold, 61.3 ppm silver, 606 ppm lead and 213 ppm arsenic.
2011 (from CMG)	Great Bear Resources Ltd.	Etzel	Diamond drilling, excavator trenching and soil geochemical sampling.	Best drill intercept returned 0.58 g/t gold and 2.4 g/t silver over 40.65 m.
2012 (from CMG)	Great Bear Resources Ltd.	Etzel	Diamond drilling, and soil geochemical sampling.	Best drill intercept returned 2.30 g/t gold and 7.0 g/t silver over 1.16 m.

2012	Rockhaven Resources Ltd.	Dic and Eagle	Purchased Dic and Eagle claims from J. Dickson	n/a
2012	Rockhaven Resources Ltd.	Etzel	Purchased Etzel claims from Ansell Capital Corp.	n/a
2012	Rockhaven Resources Ltd.	VIC, VG, J. Bill #, D, Bull, JBF and Jon-Wedge	Purchased claims from Aurchem Exploration Ltd.	n/a

The main exploration programs and results are described in more detail in the following paragraphs. All of this work was done in the eastern third of the Property. Results from historical diamond drilling are compiled and discussed along with data from Rockhaven's more recent work, in the Diamond Drilling section.

In 1968, Esansee Explorations Limited (Esansee) completed geophysical and geochemical surveys on about 5000 m of grid lines. An electromagnetic (EM) survey identified three conductive zones (two major and one minor). Bulldozer trenching across one of these zones reportedly cut a six metre wide silver-lead-gold bearing fissure vein, which was traced for 760 m. Specimen samples from this vein returned up to 34.3 g/t gold, 2057 g/t silver and 44% lead with less than 1% zinc. Three hundred and fifteen grid soil samples were collected. Soil sample results included peak values of 8200 ppm lead, 125 ppm silver and 800 ppm arsenic, and show strong positive correlation with conductive zones (Parker, 1968).

In 1969, Esansee performed trenching to follow up geophysical and geochemical anomalies identified by its earlier program. Three bulldozer cuts were made along the 760 m strike of the vein, and a fourth trench was dug on a weaker parallel structure to the northeast. All trenches across the primary structure intersected wide zones of shearing and alteration, which host irregular and discontinuous vein material with weakly disseminated galena, pyrite and arsenopyrite. Oxidation of sulphide minerals produced limonite, cerussite and anglesite. A chip sample collected from the most northwesterly trench returned 15.09 g/t gold and 483 g/t silver over 1.83 m (Campbell and Guardia, 1969). All claims in the area lapsed following this work.

Between 1971 and 1973, Area Exploration Company (Area Exploration) conducted an extensive program of percussion and diamond drilling on claims belonging to Mount Nansen Mines Ltd. Most of Area Exploration's drilling was done on a porphyry copper target (Cyprus zone) located about 1.5 km east of the Property. Two of its percussion drill holes (283.5 m) and three of its diamond drill holes (776.1 m) partially tested a 700 by 900 m copper-in-soil geochemical anomaly that coincides with a magnetic low in the southeastern part of the current Property (Dickinson and Jilson, 1973). The best result from diamond drilling was 0.10% copper over 6.10 m (1973-CD-17), while the best percussion drilling result was 0.343 g/t gold, 9.94 g/t silver, 0.02% copper and 0.01% lead over 6.10 m (1971-CP-8).

In 1980, BRX Mining and Petroleum Corp. (BRX) staked the Tawa claims to cover the area where Esansee performed its work in the late 1960s. Work done in 1980 included geochemical sampling, bulldozer trenching and seven diamond drill holes (447.3 m). Soil sampling identified linear, northwesterly trending geochemical anomalies with very high values locally. The anomalous geochemical values were not always coincident with electromagnetic anomalies

identified by Esansee. The bulldozer trenching program involved re-opening earlier trenches. The main mineralized structure exposed in the trenches strikes 110 to 140° and dips steeply to the northeast (sic). Reported chip sample values across vein exposures typically ranged from 1.78 g/t gold and 77.8 g/t silver over 0.06 m to 6.0 g/t gold and 54.2 g/t silver over 0.91 m, with the best interval returning 33.0 g/t gold and 607.5 g/t silver over 0.3 m (Saunders, 1980). Three of the drill holes were drilled sub-parallel to the veins and did not encounter significant mineralization. The other four diamond drill holes intersected fault and vein zones within granitic country rock. Highlight intervals from this drilling were: 8.64 g/t gold and 25.68 g/t silver over 6.0 m including 24.5 g/t gold and 50.1 g/t silver over 1.5 m (80-6); 18.86 g/t gold and 32.0 g/t silver over 0.3 m (80-2); and, 9.26 g/t gold and 65.1 g/t silver over 0.4 m (80-5). Core recovery was hindered by strong alteration and gouge, associated with the faults and veins.

In 1981, BRX conducted EM and proton magnetometer surveys on the Tawa claims. The EM survey identified a series of en-echelon, northwesterly trending anomalies, while the proton magnetometer survey delineated magnetic highs that correlate with the EM anomalies (Brownlee, 1981).

In 1985, Kerr Addison Mines Limited (Kerr Addison) staked the Dic 1-50 claims to cover an arsenic and antimony stream geochemical anomaly on the north side of Mount Nansen, west of the Tawa claims. Kerr Addison performed geological, geochemical and geophysical surveys on the Dic claims. A total of 216 soil and 45 rock samples were collected for analysis and 4.0 line kilometres of magnetic and 2.8 line kilometres of VLF-EM surveys were conducted. Results from this work were encouraging, with the best rock sample returning 0.48 g/t gold, 88 g/t silver, 1600 ppm arsenic and 180 ppm antimony. Soil values were also anomalous with peaks of 400 ppb gold, 27 ppm silver, 2000 ppm arsenic and 46 ppm antimony (Heberlein, 1986).

In 1986, Pearl Resources Inc. performed geological mapping and geochemical sampling on the Etzel claims. Results from soil samples collected on three separate grids identified linear, northwesterly trending anomalies with peak values of 310 ppb gold, 54.5 ppm silver, 1980 ppm lead and 1160 ppm zinc. A chip sample across a 1.0 m sheared vein zone returned 0.99 g/t gold (McClintock, 1986).

In 1986, Chevron Minerals Ltd. (Chevron) optioned the Tawa claims from BRX. Chevron performed geological mapping, prospecting, grid soil geochemical sampling and EM surveys before staking additional claims to cover extensions of anomalous trends. A 43.2 line kilometre EM survey was conducted and the strike lengths of known EM conductors were extended to 1900 m. Soil sampling outlined numerous northwesterly trending clusters of anomalous gold values that ranged to a maximum of 6258 ppb. Individual clusters are continuous for lengths up to 2000 m. Almost 5000 m of pre-stripping were done using a bulldozer because permafrost hindered trenching in frozen soil (Eaton, 1986). Where previously stripped trenches were deepened to bedrock, chip samples returned numerous high values including: 5.55 g/t gold and 31.2 g/t silver over 1.4 m (T-4); 3.5 g/t gold and 15.1 g/t silver over 4 m (T-4); and, 5.28 g/t gold and 132.0 g/t silver over 2 m (T-4). Trenching on virgin ground was less successful due to permafrost; however, two significant bedrock intercepts were encountered: 5.28 g/t gold and 242.4 g/t silver over 2.5 m (T-6/7) and 2.33 g/t gold and 3.77 g/t silver over 5.0 m (T-8).

In 1986, Kerr Addison added the Dic 51 to 63 claims and conducted line cutting, ground geophysics, soil sampling and prospecting. Results from this work were encouraging and in 1987, Kerr Addison granted Chesbar Resources Inc. (Chesbar) the right to earn an interest in the Dic claims by contributing to exploration expenditures. Work in 1987 involved pre-stripping trenches of moss and the upper soil layer (Sutherland, 1988).

In 1987, Chevron continued its exploration at the Tawa claims with pre-stripping, bulldozer trenching, road construction and claim staking. The pre-stripping and trenching program comprised 28 trenches totalling 6385 m, of which 12 totalling 1939 m were wholly or partially excavated to bedrock. Continuous chip samples collected over 1 to 5 m intervals from trench ribs returned positive results from the Klaza and BRX zones (Walls and Eaton, 1988a). The most significant results from the Klaza zone were 4.22 g/t gold and 47.3 g/t silver over 8.0 m including 4.27 g/t gold and 86.7 g/t silver over 1.0 m (T-11). The best results from the BRX zone were 3.12 g/t gold and 46.3 g/t silver over 7.0 m including 6.99 g/t gold and 41.1 g/t silver over 1.5 m (T-14), and 6.86 g/t gold and 160.1 g/t silver over 2.5 m (T-16). Parallel vein structures were identified north and south of the two main zones. The best result from a new structure was 6.82 g/t gold and 17.1 g/t silver over 1 m (T-15). A 1.7 km four-by-four trail was constructed from the Nansen Road to the trenching area on the Tawa claims.

In 1988, Chevron sub-optioned the Tawa claims to BYG Natural Resources Inc. (BYG), under an agreement that allowed BYG to earn an interest in the claims by funding the next phase of exploration, which consisted of road building, pre-stripping, excavator trenching, and six diamond drill holes (377 m). All of the drilling in 1988 was done at the BRX zone, while the trenching was split between the BRX and Klaza zones (Walls and Eaton, 1988b). Results from trenching better defined the known veins and identified a third vein (BYG zone) approximately half-way between them. The best assay from the BRX zone was 16.3 g/t gold and 1289.1 g/t silver over 1.7 m (T-22). The Klaza zone was delineated over a strike length of 250 m with the best trench exposures grading 43.06 g/t gold and 102 g/t silver over 1.1 m and 4.22 g/t gold and 92 g/t silver over 8.0 m. One trench tested the BYG zone and it cut three veins about 40 m apart. One of these veins returned 6.03 g/t gold and 24.0 g/t silver over 3.3 m (T-25). Drilling intersected numerous veins that were variably mineralized. The best drill result was 6.03 g/t gold and 129.9 g/t silver over 1.36 m (Hole 88-6), which is down dip of the vein exposed in T-22 (16.3 g/t gold and 1289.1 g/t silver over 1.7 m).

In 1988, Chesbar conducted stream sediment sampling, prospecting and excavator trenching on the Dic claims. Forty-four silt samples were collected at 100 m centres. Gold values from this sampling were generally less than 10 ppb, but anomalous values up to 1050 ppb were reported. Rock geochemical values were background to weakly elevated, with a peak of 220 ppb gold. Although 7.8 km of trenches were pre-stripped, unseasonably high precipitation resulted in less than 20 cm of overburden being removed from each of them (Sutherland, 1988).

BYG's 1989 work program on the Tawa claims comprised road building and three excavator trenches totalling 580 m. Due to frozen ground, none of these trenches reached bedrock (Eaton, 1989).

In 1996, BYG conducted geochemical sampling and very low frequency electromagnetic (VLF-EM) and magnetic surveys on the Tawa claims and KR claims, located to the west. The magnetic survey identified northwest-trending linear magnetic highs and lows, which merge to the east into a large magnetic high. The VLF-EM survey delineated three major structures offset by northerly striking faults. In general, the VLF-EM and magnetic anomalies coincide. The magnetic susceptibility lows appear to be related to geological structures or contacts (Visser et al., 1996). Four soil grids were sampled. The strongest coincident gold and copper soil geochemical values lies along the eastern side of the Tawa claims where peak values were 1825 ppb gold and 1049 ppm copper, respectively.

In 1998, BYG preformed an exploration program at the Tawa claims that included stripping of overburden from the surface trace of VLF-EM and magnetic anomalies and three diamond drill holes (307.8 m). Two holes (TA-98-7 and 98-8) targeted the Klaza zone, while the third hole (TA-98-9) tested the BYG zone. Hole TA-98-7 intersected a weakly altered porphyry dyke with widespread potassic alteration that graded up to 0.9 g/t gold. Hole TA-98-8 intersected an altered porphyry dyke with high-grade gold-silver veins in its footwall. Samples of vein, dyke and breccia averaged 3.82 g/t gold and 84.7 g/t silver over 5.05 m, while a high-grade vein sample returned 17.1 g/t gold and 159.2 g/t silver over 1.05 m (Stroshein, 1999). Hole TA-98-9 intersected a quartz-sulphide stockwork that averaged 0.24 g/t gold and 1.3 g/t silver over 55.75 m. Subsequent to the 1998 drill program, BYG filed for bankruptcy and all of its claims went into receivership.

In 2003, Aurchem Exploration Ltd. (Aurchem) performed limited excavator trenching on the Etzel claims. These trenches tested altered granodiorite, feldspar porphyry dykes and shear zones. The best results were 1.0 g/t gold and 58 g/t silver over 2.5 m (T-2) and 6.05 g/t gold and 15.3 g/t silver across 6.0 m (T-4). A 21.5 m wide, northwesterly trending clay-rich zone returned 0.85 g/t gold and 4.5 g/t silver over 12 m (Stroshein, 2003).

In 2005, ATAC Resources Ltd. (ATAC) staked the Klaza 1-24 claims, which cover much of the old Tawa claims and form the core of the Property. ATAC subsequently optioned the claims to Bannockburn Resources Limited (Bannockburn).

In 2006, Bannockburn performed line cutting and IP surveying on the Klaza claims. A 1450 by 1800 m area was surveyed in the eastern parts of the Klaza and BRX zones. The survey identified two chargeability highs with coincident resistivity lows (Wengzynowski, 2006). In 2008, Bannockburn relinquished its option.

In 2009, Rockhaven purchased the Klaza claims from ATAC.

In 2010, Rockhaven staked additional claims and performed approximately 8000 m of trenching in 21 trenches, 1368.5 m of diamond drilling in 11 holes, 326 line kilometres of helicopter-borne geophysical surveys and soil sampling (289 samples) (Turner and Tarswell, 2011). Results from this exploration are discussed in subsequent sections.

In 2011, Rockhaven performed 13,630 m of diamond drilling in 52 holes, 2940 m of reverse circulation percussion drilling in 21 holes, 4050 m of excavator trenching in 12 trenches, soil

geochemical sampling (2798 samples), petrographic studies and road building (Turner and Tarswell, 2012). Results from this exploration are discussed in subsequent sections.

In June 2011, Ansell Capital Corp. (Ansell) purchased the Etzel claims from Aurchem and then optioned them to Great Bear Resources Ltd. (Great Bear). Great Bear completed three diamond drill holes (696.17 m), four excavator trenches (255.70 m) and grid soil sampling (478 samples). Drilling identified multiple narrow mineralized zones hosted within fresh to strongly limonite altered granodiorite. The best interval returned 1.94 g/t gold and 11.85 g/t silver over 2.60 m (ET-11-01). Trenching yielded a peak result of 2.80 g/t gold and 5.8 g/t silver over 10.4 m (Dadson and Amy, 2012). Great Bear followed up with a three hole diamond drill program (930.25 m) in 2012 to test for the western extension of the Etzel zone as well as the eastern extension of Rockhaven's Klaza zone. The best result was from ET-2012-06, which returned 1.79 g/t gold, 50.0 g/t silver and 1.409% copper over 1.62 m (Great Bear Resources Ltd, 2012).

In fall 2011, Rockhaven purchased the Dic and Eagle claims from J. Dickson. These claims adjoin the Klaza claims and are the southern-most claims on the Property.

In 2012, Rockhaven purchased the Etzel claims from Ansell and the VG, VIC, J. Bill #, D, Bull, JBF and Jon-Wedge claims from Aurchem. These claims now form the eastern edge of the Property.

There have been no historical mineral resource estimates for the Property and it has never been put into production.

GEOMORPHOLOGY

The eastern part of the Property covers a broad rounded ridge that lies between Mount Nansen and the Klaza River. The rest of the Property is mostly underlain by low hills and valley bottom, flanking the Klaza River. Creeks draining the Property flow directly into the Klaza River or southeast to Nansen Creek, both of which are part of the Yukon River watershed. Local elevations range from 1200 to 1500 m above sea level. The area escaped Pleistocene continental glaciation but experienced some local Pleistocene to Holocene valley and alpine glaciation. Outcrop is nonexistent across most of the Property and overburden typically consists of a few centimetres of organics, 0 to 5 cm of volcanic ash and up to 200 cm of loess and immature soil mixed with locally derived rock fragments, over deeply weathered bedrock. At lower elevations, thick layers of fluvial material, glaciofluvial outwash and till blanket the valley floors. Permafrost is extensive, particularly on north- and west-facing slopes.

The area has a continental climate with low levels of precipitation and a wide temperature range. Summers are normally pleasant with extended daylight hours whereas winters are long and cold. Tree line is at 1200 m on north facing slopes and about 1400 m on south facing slopes. Typical vegetation consists of willow, alder and black spruce at lower elevations giving way to dwarf birch, alder and stunted spruce, and finally to grass and lichen on ridge tops.

GEOLOGICAL SETTING

The area containing the Klaza property was visited by J.B. Tyrrell and D.D. Cairnes for the Geological Survey of Canada in 1898 and 1914, respectively, and has been mapped by H.S. Bostock (1936), D.J. Tempelman-Kluit (1974 and 1984) and G.G. Carlson (1987). The geology was revised in a compilation by Gordey and Makepeace (2000) and is updated periodically by Yukon Geological Survey (YGS) as new data becomes available (YGS, 2013). The following discussion is primarily based on maps prepared by Gordey and Makepeace and the YGS website.

The Property lies within the Yukon-Tanana Terrane (YTT) approximately 100 km southwest of the Tintina Fault (Figure 4). YTT comprises a variety of Proterozoic and Paleozoic metavolcanic, metasedimentary and metaplutonic rocks, and represents both arc and back-arc environments (Colpron et al., 2006; Piercey et al., 2006). The Tintina Fault is a transcurrent structure that experienced about 450 km of dextral strike-slip movement during the Eocene. This movement offset an outlier of YTT in the Finlayson Lake District of southeastern Yukon from the main body of YTT, which lies southwest of the fault.

Regional stratigraphy in the area of the Property is summarized in Table II. The basement rocks are mainly schists and gneisses, which include meta-igneous gneisses (Pelly Gneiss), metasedimentary and metavolcanic rocks (Nisling) and enigmatic ultramafic and mafic units (Amphibolite). Basement rocks are cut by weakly foliated plutonic rocks (Long Lake Suite) that were metamorphosed and uplifted in the Jurassic, along with the schists and gneisses. The youngest rocks are unfoliated and are represented by four plutonic/volcanic events that occurred in the Cretaceous and Tertiary (Whitehorse Suite, Mount Nansen, Prospector Mountain Suite and Carmacks). Local geology in the area of the Property is shown on Figure 5.

Table II – Regional Lithologies

UPPER CRETACEOUS

uKC

uKC: CARMACKS
a volcanic succession dominated by basic volcanic strata (1), but including felsic volcanic rocks dominantly (?) at the base of the succession (2) and locally, basal clastic strata (3) (70 ma approx):

1. augite olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks **(Carmacks Gp., Little Ridge Volcanics, Casino Volcanics)**
2. acid vitric crystal tuff, lapilli tuff and welded tuff including feeder plugs and necks; felsic volcanic flow rocks and quartz feldspar porphyries; green and purple massive tuff-breccia with feldspar phyric fragments **(Carmacks Gp., Donjek Volcanics, some rocks formerly mapped as Mount Nansen Gp.; the felsic part of the Carmacks Gp. is difficult to distinguish from similar Tertiary and Mid-Cretaceous (Mount**

ROCKHAVEN RESOURCES LTD.

FIGURE 4

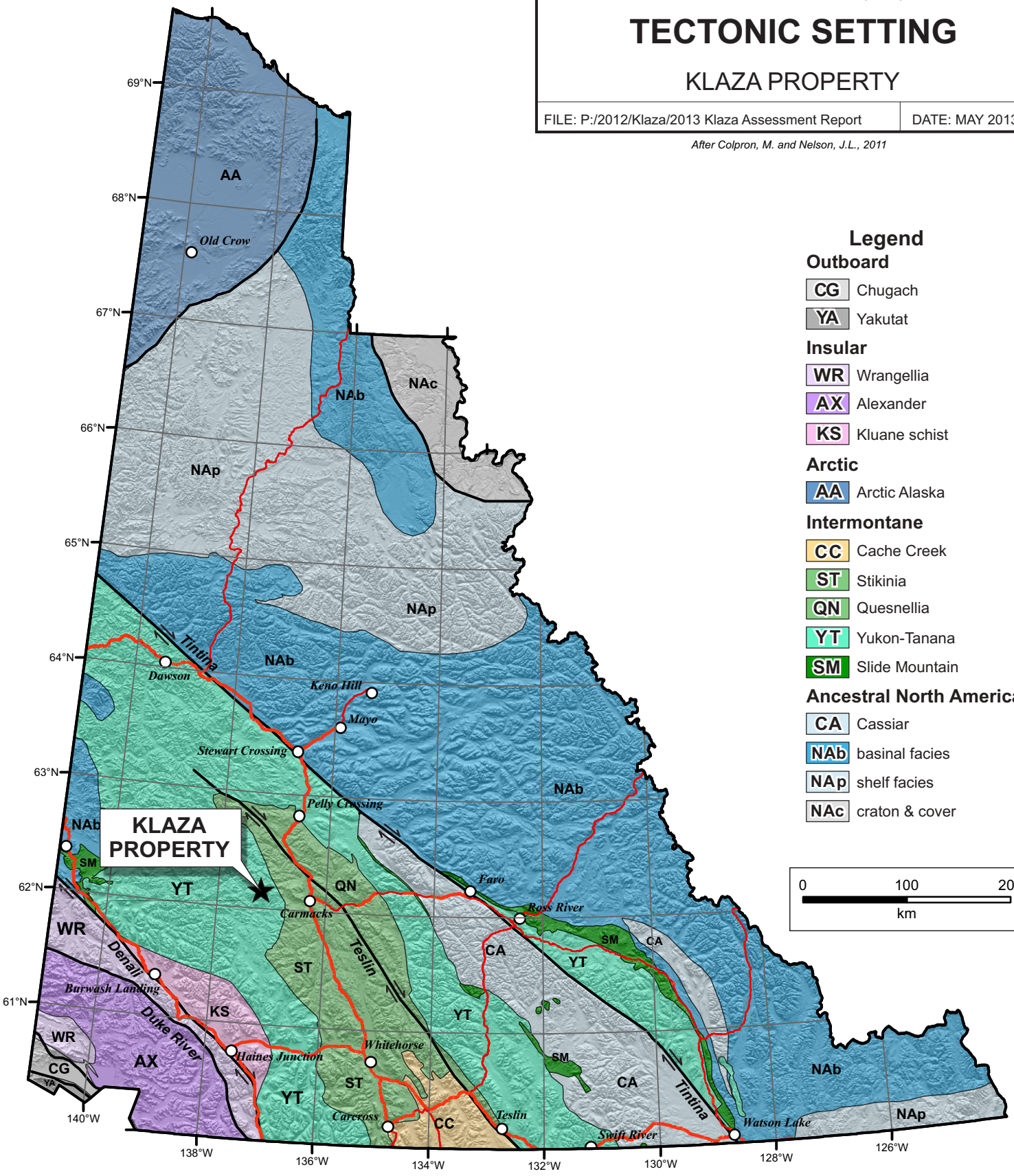
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

KLAZA PROPERTY

FILE: P:/2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

After Colpron, M. and Nelson, J.L., 2011



Legend

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

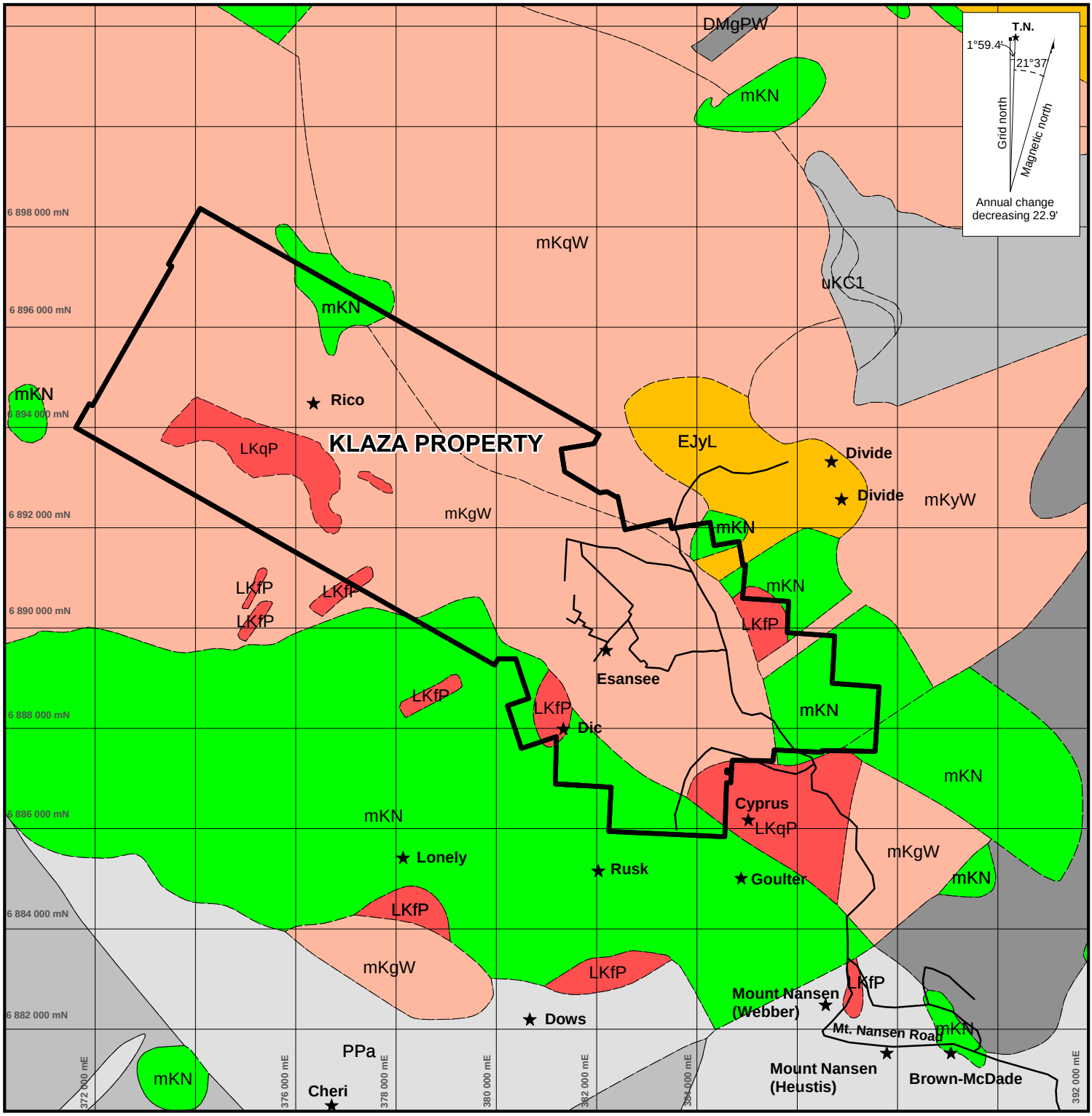
- AA Arctic Alaska

Intermontane

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America

- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover



- uKC1 Carmacks, volcanics
- uKC2 Carmacks, volcanics
- LKfP Prospector Mountain suite, volcanic/subvolcanic
- LKqP Prospector Mountain suite, porphyry
- mKN Mount Nansen, volanic
- mKgW Whitehorse suite, granodiorite/quartz diorite
- mKyW Whitehorse suite, syenite/granite/granodiorite
- mKqW Whitehorse suite, quartz monzonite/granite/monzonite/syenite
- EJyL Long Lake suite, syenite
- DMgPW Pelly Gneiss suite, orthogneiss
- PPa Amphibolite
- PPN1 Nisling, schist

★ Minfile Occurence

ROCKHAVEN RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

KLAZA PROPERTY

0 2000 m

FILE: ...2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

Nansen) felsic volcanic strata)

3. medium bedded, poorly sorted, coarse to fine grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble to boulder conglomerate **(Carmacks Gp.)**

LATE CRETACEOUS TO TERTIARY

LKP

LKP: PROSPECTOR MOUNTAIN SUITE
grey, fine to coarse grained, massive, granitic rocks of felsic (q), intermediate (g) and rarely mafic (d) composition plus related felsic dykes (f):

q. quartz monzonite, biotite quartz rich granite; porphyritic alaskite and granite with plagioclase and quartz-eye phenocrysts; biotite and hornblende quartz monzodiorite, granite, and leucocratic granodiorite with local alkali feldspar phenocrysts **(Prospector Mountain Suite, Carcross Pluton)**

g. hornblende-biotite granodiorite, hornblende diorite, quartz diorite **(Wheaton Valley Granodiorite)**

d. coarsely crystalline gabbro and diorite

f. quartz-feldspar porphyry

MID-CRETACEOUS

mKN

mKN: MOUNT NANSEN
massive aphyric or feldspar-phyric andesite to dacite flows, breccia and tuff; massive, heterolithic, quartz- and feldspar-phyric, felsic lapilli tuff; flow-banded quartz-phyric rhyolite and quartz-feldspar porphyry plugs, dykes, sills and breccia **(Mount Nansen Gp., Byng Creek Volcanics, Hutshi Gp.)**

MID-CRETACEOUS

mKW

mKW: WHITEHORSE SUITE
grey, medium to coarse grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition:

q. biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite **(Mount McIntyre Suite, Whitehorse Suite, Casino Intrusions, Mount Ward Granite, Coffee**

Creek Granite)

g. biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts **(Whitehorse Suite, Casino Granodiorite, McClintock Granodiorite, Nisling Range Granodiorite)**

d. hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro **(Whitehorse Suite, Coast Intrusions)**

y. hornblende syenite, grading to granite or granodiorite **(Whitehorse Suite)**

EARLY JURASSIC

EJL

EJL: LONG LAKE SUITE
mostly felsic granitic rocks (q) but locally grading to syenitic (y):

q. massive to weakly foliated, fine to coarse grained biotite, biotite-muscovite and biotite-hornblende quartz monzonite to granite, including abundant pegmatite and aplite phases; commonly K-feldspar megacrystic **(Long Lake Suite)**

y. resistant, dark weathering, massive, coarse to very coarse grained and porphyritic, mesocratic hornblende syenite; locally sheared, commonly fractured and saussuritized; locally has well developed layering of aligned pink K-feldspar tablets **(Big Creek Syenite)**

PROTEROZOIC AND PALEOZOIC

PPa

PPa: AMPHIBOLITE
metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association; i.e. may belong in part or entirely to Nisling, Nasina, and Slide Mountain assemblages and (3), mafic-ultramafic intrusions within Nasina assemblage

LATE DEVONIAN TO MISSISSIPPIAN

DMPW

DMPW: PELLY GNEISS SUITE
variably deformed granitic rocks of predominantly felsic (q) to intermediate composition (g) southwest of Tintina Fault:

q. foliated equigranular medium grained muscovite quartz monzonite; moderately to strongly foliated K-feldspar augen bearing quartz

monzonitic to granitic gneiss **(S. Fiftymile Batholith, Mount Burnham Orthogneiss)**

g. foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite **(Selwyn Gneiss, Pelly Gneiss, N. Fiftymile Batholith, Moose Creek Orthogneiss)**

LATE PROTEROZOIC AND PALEOZOIC

PPN

PPN: NISLING ASSEMBLAGE
assemblage characterized by mica quartz feldspar schist (1) and abundant locally thick limestone (2) members; includes possibly equivalent strata northeast of Tintina Fault(3):

1. dark grey to brown, biotite-muscovite-quartz-feldspar schist, quartzite and micaceous quartzite, garnetiferous; felsic chlorite-biotite orthogneiss; rare amphibolite; minor (?) two-mica gneiss and hornblende diorite gneiss; may include Nasina assem. **(Nisling assemblage)**
2. bleached white weathering, white to grey, coarsely crystalline, flow banded, fetid marble; graphite, chert, metabasite and calcsilicate lamina are common **(Nisling assemblage)**
3. calcareous quartz psammite, marble, calcareous chlorite-biotite schist and calcsilicate; calcareous garnet-biotite-muscovite schist, rare amphibolite; biotite-quartz-muscovite schist and lesser quartz-feldspar-muscovite augen schist **(assignment uncertain, could belong to Nasina assemblage)**

PROPERTY GEOLOGY

Detailed mapping on the Property has been limited by sparse outcrop exposures and extensive vegetation cover. Cursory mapping has been done on the flank of Mount Nansen and on frost boils in the Klaza River valley (Aho, 1975). The geology map shown on Figure 5 has been interpreted from regional mapping, trenching, drilling and magnetic data.

The oldest exposed unit on the Property is a pluton of the Early Jurassic Long Lake Suite, which outcrops in the northeast corner. Most of the Property is underlain by Mid-Cretaceous Whitehorse Suite granodiorite. This granodiorite contains 30% hornblende and biotite. It is coarse grained and non-foliated. Two phases of Late Cretaceous Prospector Mountain Suite intrusive rocks are documented within the Property – feldspar porphyry (LKfP) and quartz-rich granite to quartz monzonite (LKqP). A large LKfP stock in the southwestern part of the Property

makes up the Mount Nansen massif, while a smaller LKqP stock that intrudes granodiorite in the southeast corner is thought to be the main heat source for hydrothermal cells responsible for mineralization on the Property (see Mount Nansen Porphyry Complex in the Mineralization and Metallurgy section). A series of northwesterly-trending feldspar porphyry dykes cut the Whitehorse Suite granodiorite in the main area of interest. These porphyry dykes are up to 30 m wide and consist of buff aphanitic groundmass containing up to 15% orthoclase phenocrysts (1 to 2 mm) with minor biotite and rare quartz phenocrysts. Commonly the dykes occupy the same structural zones as the veins and they are often strongly fractured. Volcanic rocks belonging to the Nansen and Carmacks suites are found on the periphery of the Property. They include medium green to grey andesite flows and pyroclastic rocks with occasional buff to tan rhyolitic tuff.

Two main fault trends (NW and NE) are present on the Property. The first set strikes northwesterly and dips between 60 and 80° to the southwest. Although these faults lack strong topographic expression, they are very important, because they host mineralized veins and breccia zones and appear to control the distribution of porphyry dykes. The second main set of faults strikes northeast and dips sub-vertically. They form prominent topographic linears and offset the mineralized zones. These faults vary in their sense and magnitude of displacement. A third set of structures was identified by three dimensional modelling in 2012. These structures are slightly oblique to the main mineralized faults, striking more westerly. They are less continuous but are often well mineralized.

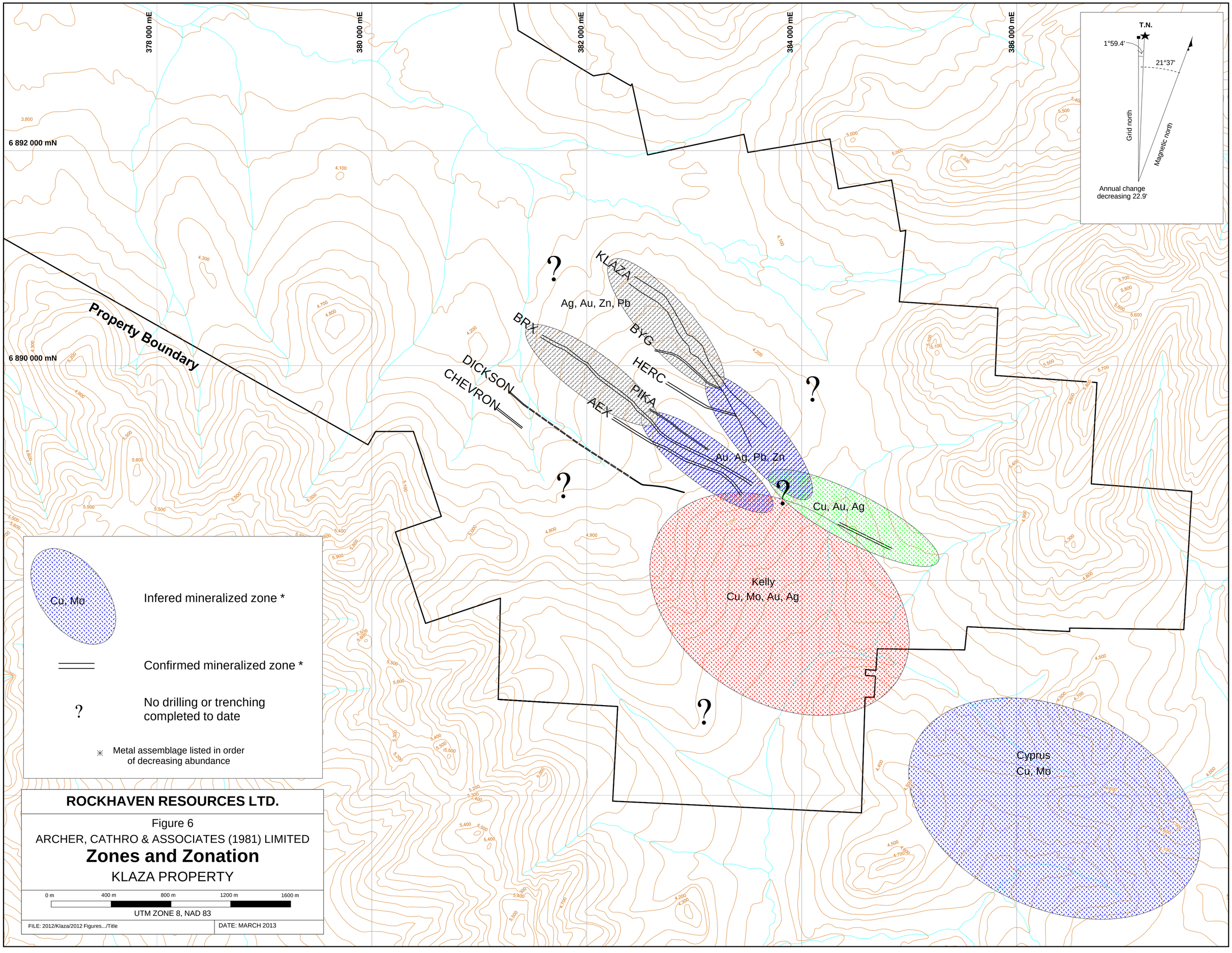
MINERALIZATION

General

The Property lies within the northern part of the Mount Nansen Gold Camp (MNGC), a northwest trending structural corridor that hosts more than 30 known mineral occurrences. Mineralization within the MNGC exhibits zonation from weak porphyry copper-molybdenum zones outward to mesothermal and epithermal veins. The hydrothermal system that deposited the mineralization at the Property is centered around potassic altered cores related to the Prospector Mountain Suite (Hart, 1997).

Exploration on the Property has identified eight main mineralized zones developed on the western flank of a broad, poorly defined porphyry system (Figure 6). The zones lie within a 1.8 km wide structural corridor that cuts northwesterly through Mid-Cretaceous granodiorite country rocks. Individual zones exhibit exceptional lateral and down dip continuity and all of them remain open for extension along strike and to depth. From south to north, the zones are named Chevron, Dickson, AEX, BRX, Pika, Herc, BYG and Klaza. Historical exploration has focused mainly on the Klaza and BRX zones.

Most of the mineralization discovered to date on the Property consists of fault-controlled, gold and silver bearing veins and breccias hosted within the eight main structural zones and numerous adjacent structures. The main zones range from 2 to 100 m wide and are intimately associated with feldspar porphyry dykes. The mineralization occurs within sheeted veins and veinlets and some tabular breccia bodies. The host granodiorite exhibits pervasive weak argillic alteration



ROCKHAVEN RESOURCES LTD.

Figure 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Zones and Zonation

KLAZA PROPERTY

0 m 400 m 800 m 1200 m 1600 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2012 Figures.../Title

DATE: MARCH 2013

within the zones and up to 30 m around them. Sericitization and potassic alteration are found directly adjacent to hydrothermal channel ways. The granodiorite is magnetite-bearing except where strongly altered around mineralized structures. Depth of surface oxidation ranges from 5 to 100 m below surface, depending on fracture intensity, the type of mineralization and local geomorphology. The deepest weathering occurs in strong, pyritic veins located along ridge tops or on south facing slopes.

Detailed evaluation of drill results and measurements taken from trench exposures has identified two main structural orientations that appear to control mineralization. The primary structural set strikes between 135˚ and 155˚ and dips 60˚ to 80˚ to the southwest. The secondary mineralized trend strikes between 110˚ and 130˚and dips 60˚ to 70˚ to the south. The secondary structures may represent either riddel shears of the primary structural set or a separate structural event altogether. The best gold mineralization appears to be localized in areas where the two structural trends converge. The plunge of these convergent structural sets is towards the southeast where the mineralizing porphyry complex is located.

Petrographic analysis completed in 2011 by John Payne, Ph.D., P.Geol. of Vancouver Petrographics identified veins, veinlets and breccias hosting disseminated to semi-massive pyrite, arsenopyrite, galena, sphalerite, stibnite and jamesonite in quartz, carbonate and barite gangue. The sulphide minerals typically comprise 1 to 10% of the rock, often increasing to between 20 and 80% over 25 to 200 cm intervals. The petrographic work also identified native gold/electrum (Turner and Tarswell, 2012).

Quartz is the dominant gangue mineral in veins on the property. It occurs in a variety of textures including chalcedonic, comb, banded, speckled and vuggy. Smoky quartz is the most common colour variation; however, milky and clear quartz are locally abundant. Carbonate, consisting mainly as ankerite, is also present in most veins – typically ranging between 5 to 20% of the veins by volume.

Breccias form tabular bodies consisting of heterolithic wallrock clasts, which include granodiorite and various volcanic lithologies, in matrices enriched in fine-grained, disseminated to blebby pyrite, arsenopyrite, sphalerite and galena. Breccias are mostly observed within drill core from the Klaza zone where they range up to 2 m in width.

Mineralization within most structures is spatially and probably genetically related to porphyry dykes, which strike west-northwesterly and dip steeply to moderately toward the south. The dykes pinch and swell in three dimensions and are usually barren of gold, silver, sulphide minerals and magnetite. Some movement on the related faults must post-date emplacement of the dykes, because they are occasionally cut by mineralized veins.

Structurally-controlled mineralization on the Property is believed to be related to the Late Cretaceous or Tertiary age hydrothermal system – the Mount Nansen Porphyry Complex (MNPC) – centred to the southeast. Almost all of Rockhaven's drilling has been done in the distal part of the hydrothermal system where copper-deficient precious metal rich veins predominate. Previous exploration by other parties closer to the centre of the MNPC discovered copper-molybdenum mineralization in two locations - each cored by a zone of potassic alteration

(Figure 6). The larger, eastern potassic zone (Cyprus zone) lies about 1.5 km southeast of the Property. It was explored in the late 1960s and early 1970s with approximately 4500 m of drilling in 26 holes. Average hypogene grades of 0.12% copper and 0.01% molybdenum were found at depths exceeding 60 to 90 m below surface. Copper grades are approximately double in the overlying supergene oxide enrichment zone. Locally higher grade zones (0.6% copper and 0.06% molybdenum) and elevated precious metal values are associated with intensive fracturing (Sawyer and Dickinson, 1976). These metal enriched zones are found in weakly potassic altered areas within the dominantly phyllic altered porphyry system. The potassic altered zones often feature tourmaline breccias, abundant quartz veining and/or secondary biotite. The western potassic zone (Kelly zone) is mostly located on the Property and was explored between 1994 and 1997. It is approximately 275 metres wide and has a northwesterly trend with a potential strike length of 2500 m. The Kelly zone is defined by coincident geochemical and geophysical anomalies, including: 1) strongly elevated gold, copper and molybdenum soil geochemical response; 2) high chargeabilities with moderate resistivities; and, 3) a large area of low magnetic susceptibility observed in both ground and airborne surveys. Trenching and diamond drilling were done in 2012 on the western edge of the Kelly zone and discovered minor chalcopyrite, chalcocite, molybdenum, and rare bornite. The mineralization is hosted in 25 to 100 m wide bands of strongly phyllic altered granodiorite, which are cut by barren porphyry dykes and abundant quartz veining (see Excavator Trenching and Diamond Drilling section for assays).

Individual Zones

Three of the eight main mineralized structural zones that have been identified to date on the property were discovered in 2012, and therefore have received relatively little drilling and trenching. The best explored zone is the Klaza zone, where strong metal zonation is evident. This type of metal zonation may be present elsewhere on the Property, but more work will have to be done before the individual zones can be fully characterized. Key information pertaining to each zone is provided in the Table III.

Table III – Summary of Mineralized Zones

Zone ID	Number of Excavator Trenches (2010-2012)	Number of Diamond Drill Holes (2010-2012)	Average Number of Veins/ Width of Zone (m)	Max. Down Dip Drill Intercept (m)	Strike Length (m)	Dominant Metal Signature
EASTERN KLAZA	5	18	15 / 100	180	950	Au, Cu, Ag
CENTRAL KLAZA	5	37	5 / 30	325	550	Au, Ag, Pb, Zn
WESTERN KLAZA	6	13	2 / 4	200	500	Ag, Au, Pb, Zn
BRX	16	36	2 / 6	400	2400	Au, Ag, Pb, Zn
PIKA	5	10	1 / 2	250	740	Au, Ag, Pb, Zn
AEX	8	12	1 / 2	310	1650	Au, Ag, Pb, Zn
BYG	6	18	2 / 4	150	650	Au, Ag, Pb, Zn
DICKSON	3	9	1 / 3	100	450	Au, Ag, Pb, Zn
HERC	4	6	1 / 2	310	460	Au, Ag, Pb, Zn
CHEVRON	1	2	2 / 3	90	250	Au, Ag, Pb, Zn

To date, drilling and trenching have outlined a total of 8.6 km of mineralized strike length in the main zones, and all of the zones remain open to extension along strike and down dip.

Deposit Style Classification

Textures and mineralogy observed at the Property are consistent with a class of deposits not previously identified in Yukon. Carbonate Base Metal (CBM) deposits have mainly been discovered elsewhere in the Pacific Rim. They include multi-million ounce gold deposits such as Porgera (New Guinea), Buritica (Columbia) and Kelian (Indonesia). CBM deposits are formed by the mixing of rising mineralized fluids with bicarbonate waters (Corbett and Leach, 2002). Mineralization styles appear to be highly zoned depending on the crustal level of the system, with silver-rich CBM's formed at higher levels. Key diagnostic features of these deposits are compared to features observed at the Property in Table IV:

Table IV – CBM Comparison with Klaza

Diagnostic Features of CBM Deposits	Diagnostic Features of Klaza Mineralization
Mineralization hosted in veins and breccias	Mineralization hosted in veins and breccias
Large vertical extent of mineralization (> 1000 m)	Large vertical extent of mineralization (400 m and open to depth)
Gold and silver generally well liberated (native or in electrum)	Gold and silver generally well liberated (native gold, electrum and silver in tetrahedrite)
Veins and breccias emplaced adjacent to mineralizing intrusive	Veins and breccias emplaced adjacent to mineralizing intrusive
Carbonate (dominant), quartz, pyrite, sphalerite and galena gangue	Quartz (dominant), carbonate, pyrite, sphalerite and galena gangue
Multiple mineralized structures with large strike lengths (> 700 m)	Multiple (eight) mineralized structures with large strike lengths (2400 m)
Bonanza grade gold mineralization	Some bonanza grade intercepts

Although more studies have to be completed at the Property to better classify the style of mineralization and deposit type, key characteristics are generally consistent with the CBM model.

Cyanide Recovery Tests

Cyanide leachability tests on fully and partially oxidized mineralization were completed at ALS Minerals in North Vancouver in fall 2012. These tests were done on coarse reject material from 2012 excavator trench samples and drill core from near surface intercepts. Key data concerning the cyanidation tests are shown in Appendix III, Results from the tests are summarized in Table V.

Table V – Cyanidation Test Results

Type	Number of Samples Analyzed	% Gold Recovery Average (range)	% Silver Recovery Average (range)
Trench	30	90 (57 - 138)	59 (15 - 96)
Drill	21	57 (20 - 105)	48 (15 - 76)

These tests indicate that relatively high gold and silver recoveries can be achieved from very near surface, almost completely oxidized vein material using cyanidation techniques but that recoveries will likely drop off in deeper, partially oxidized mineralization. Further work will have to be done to delineate the oxide-sulphide interface and to better characterize recoveries in the transition zone, along the lengths of the mineralized structures, before the amount of material that could be amenable to cyanidation can be estimated.

EXCAVATOR TRENCHING

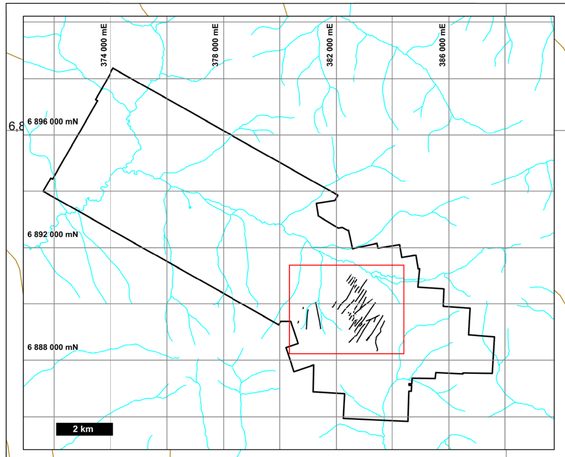
In 2012, eleven trenches totalling approximately 3964 linear metres were completed using a Hitachi 450 excavator, a Hitachi 200 excavator, a winch-equipped John Deere 550 bulldozer and a ripper-equipped Caterpillar D7-G bulldozer, all of which were owned and operated by 15317 Yukon Ltd. of Whitehorse. Trench locations were selected based on results from historical programs and pre-stripping done in 2011. Some of the trenches targeted areas where soil geochemical signatures indicated near surface mineralization, while others explored along strike of the known veins. The trenches were aligned at about 030°, which is perpendicular to the trend of the main mineralized zones.

Figure 7 is a plan view map showing trench locations and geology, while Figure 8 summarizes assays results.

In 2012, a total of 1981 chip samples were collected from bedrock exposed in trenches. Chip samples were taken along the west rib of each trench or where bedrock was the most stable. Sample Preparation and Analytical Procedures are described in Appendix IV, while Certificates of Analysis are in Appendix V. Excavator trench data is shown in Appendix VI.

Historically, excavator trenching in geochemically anomalous areas has been the most effective tool for identifying mineralized zones on the Property. Within the main area of exploration, overburden generally consists of 5 to 20 cm of vegetation and soil organics covering a discontinuous layer of white volcanic ash and 50 to 125 cm of loess and/or residual soil, which cap decomposed bedrock. Due to seasonal freezing and permafrost on north facing slopes, trenches are often pre-stripped of vegetation and organic soils early in the summer, which facilitates more rapid thaw and drainage. This early pre-stripping sometimes means that trenches can be excavated into bedrock in one field season.

Typical trench exposures within the mineralized vein zones consist of strongly limonite and clay altered rocks that are often wetter and more deeply weathered than the surrounding wallrocks, because they are more intensely fractured. Residual sulphide minerals are rarely present in trenches and, where seen, they are usually encapsulated in silica. The locations and orientations



382,000 mE

383,000 mE

384,000 mE

6,890,000 mN

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change decreasing 22.9'

KLAZA

BRX

BYG

HERC

AEX

DICKSON

CHEVRON

PIKA

M897765
M897846
TR-11-35
TR-11-33
TR-11-30
TR-11-28
TR-11-27
TR-10-19
TR-11-32
TR-10-09
TR-10-11
TR-10-10
TR-11-31
TR-11-24
TR-11-23
TR-11-22
M897683
TR-10-18
TR-11-29
TR-11-26
TR-10-21
TR-10-20
TR-10-12N
TR-10-17
TR-10-28
M899980
M899901
N815287
N815516
N815510
TR-12-38B
N815510
TR-12-27
M899981
TR-12-36B
M899981
N815516
N815510
TR-12-38A
M895001
M895033
TR-10-01
M897763
M897684
TR-12-34
N828761
N828916
TR-10-05
TR-10-06
TR-10-14
TR-10-04
TR-10-03A
M897683
M815189
M895034
TR-10-02
M815109
TR-12-01
N828909
TR-10-00
N828761
TR-10-GAz
M355814
N815556
TR-12-39

Trench Geology
- Line
- Aplite dyke
- Vein zone
- Breccia zone
- Clay gouge
- Sheer zone
- Silicious feldspar porphyry dyke
- Feldspar porphyry dyke
- Mafic porphyry dyke
- Mt. Nansen Volcanics
- Granodiorite
- Unmapped
- Known Mineralized Zone
- Prestripped Trench

N815286 2010 2012 excavator trench with 2012 sample locations (refer to Appendix VI fer individual sample widths

ROCKHAVEN RESOURCES LTD.

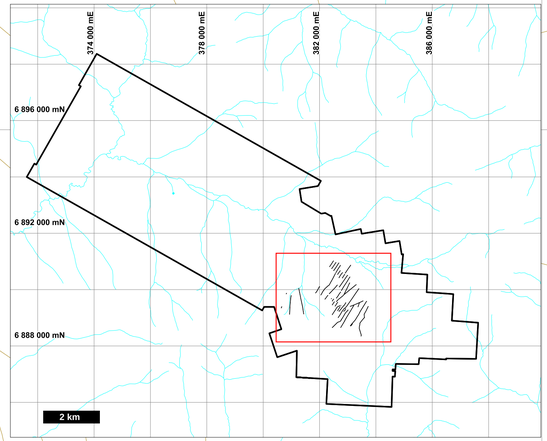
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 7

Trench Plan Map

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 100 200 300 400 500 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: May 2013



382,000 mE

383,000 mE

384,000 mE

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change decreasing 22.9'

6,890,000 mN

KLAZA

BRX

BYG

HERC

AEX

DICKSON

CHEVRON

PIKA

TR-12-38A

TR-12-37

TR-12-36B

TR-12-35

TR-12-33

TR-12-30

TR-12-28

TR-11-27

TR-10-19

TR-11-32

TR-10-09

TR-10-11

TR-11-31

TR-10-10

TR-11-25

TR-12-24

TR-12-23

TR-10-18

TR-10-21

TR-10-20

TR-10-17

TR-10-12N

TR-10-12S

TR-12-04

TR-10-16

TR-10-07

TR-10-01

TR-12-22

TR-12-34

TR-10-15

TR-10-04

TR-10-02

TR-10-05

TR-10-14

TR-10-03A

TR-10-06B

TR-10-13

TR-12-02

TR-12-01

TR-10-08

TR-12-26

TR-10-08C

TR-12-29

TR-12-27

4,600

4,900

4,200

≥ 5.0 ≤ 52.1
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

2010/2011 excavator trench

Mineralized trends

TR-12-37 Trench label appearing at sample origin

ROCKHAVEN RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 8

Trench Highlights

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 100 200 300 400 500 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: May 2013

of lithological contacts in trenches correspond very well with those predicted from nearby drill holes, indicating little solifluction has occurred. Outside of the mineralized zones, trench exposures are dominated by blocky and weakly oxidized granodiorite.

Two of the 2012 trenches successfully extended the overall length of the Klaza zone to 2000 m. The central part of the Klaza zone was extensively drilled and trenched in 2010 and 2011 and consists of multiple sheeted veins and local breccias. Results from trenches KL-11-33 and KL-12-35 showed that the sheeted veining coalesces to the west into one or two discrete, well mineralized structures. The best vein exposed in trenches within the western part of the zone graded 5.53 g/t gold and 238 g/t silver across 2.25 m. TR-12-08 in the eastern part of the Klaza zone showed that the sheeted veining continues in that direction. All 16 trenches excavated at the Klaza zone have intersected significant mineralization.

Nine other trenches were excavated in 2012, all with the goal of identifying new zones. This trenching was also very successful and resulted in the identification of the Chevron and Dickson zones along the southern side of the structural corridor, where previously stripped trenches had not reached bedrock.

The Chevron zone is the southern-most zone identified to date on the Property. It lies 1800 m south of the Klaza zone. Only one trench (KL-12-36) has been excavated to bedrock at the Chevron zone, exposing mineralization grading 3.79 g/t gold and 190 g/t silver over 9.20 m. Additional trenching will be difficult in this area because the projection of this zone lies near two small creeks on a frozen, north-facing side hill.

The Dickson zone is situated 200 m north of the Chevron zone. It was discovered by trench KL-12-01, which exposed a vein system grading 2.00 g/t gold and 39.7 g/t silver over 5.92 m. A second trench, KL-12-01, completed 100 m to the east of KL-12-02, cut 3.73 g/t gold and 34.5 g/t silver across 5.2 m. A third trench, KL-12-36, intersected significant mineralization 1500 m to the west, along the projected strike of the Dickson zone. Infill trenching and drilling will have to be conducted to determine if this vein represents the western extension of the Dickson zone.

Trench KL-12-39 marks the eastern extent of Rockhaven's exploration at the Property. It is important to note that the eastern edge of the exploration area was determined by claim boundaries, not geological potential. In fall 2012, additional claims were purchased and exploration can now proceed further in that direction. KL-12-39 is highly significant because it exposed broad bands of porphyry-style mineralization south and east of the BRX, AEX and Klaza zones. One band of chalcopyrite and molybdenite mineralization, which was intersected at the southern end of the trench, averaged 0.14 % copper, 0.006% molybdenum, 0.09 g/t gold and 1.59 g/t silver over 52.10 m. A second band of porphyry style mineralization, uncovered 500 m to the north, graded 0.10 % copper and 0.006 % molybdenum, 0.28 g/t gold and 3.07 g/t silver over 89.60 m. Drilling beneath this exposure intersected 95.15 m of 0.15 % copper, 0.01 % molybdenum, 0.14 g/t gold and 2.70 g/t silver.

Table VI lists the most significant mineralized intervals from the 2010, 2011 and 2012 excavator trenches.

Table VI – Significant Trench Results

Trench ID	Width (m)	Gold (g/t)	Silver (g/t)	Zone
KL-10-01	1.32	1.32	30.4	HERC
KL-10-01	3.00	2.30	24.2	HERC
KL-10-01	5.00	2.91	0.6	HERC
KL-10-01	1.61	5.67	140.1	HERC
KL-10-01	3.24	4.02	76.0	BRX
KL-10-01	4.52	2.48	46.8	BRX
KL-10-01	0.93	9.28	70.3	BRX
KL-12-01	5.92	2.00	39.7	Dickson
KL-10-02	1.89	2.77	81.9	BRX
KL-10-02	5.30	1.85	29.6	BRX
KL-10-02	3.90	3.85	20.0	BRX
KL-10-02	4.30	1.21	14.1	BRX
KL-10-02	2.35	2.04	9.8	BRX
KL-10-02	5.00	1.39	28.3	BRX
KL-12-02	5.20	3.73	34.5	Dickson
KL-10-03	2.70	2.61	14.8	BYG
KL-10-03	2.80	1.58	14.1	BYG
KL-10-03	3.00	6.80	55.7	BYG
KL-10-03	2.46	7.43	146.4	BYG
KL-10-03	1.04	1.92	31.0	BYG
KL-10-03	1.03	35.10	72.5	HERC
KL-10-03	4.30	6.50	9.8	HERC
KL-10-03	2.00	1.16	30.0	HERC
KL-10-03	2.20	1.56	18.6	BRX
KL-10-03	1.25	10.90	56.4	BRX
KL-10-03	1.73	1.07	20.5	BRX
KL-10-04	3.20	2.94	330.7	BRX
KL-10-04	4.26	1.74	49.2	BRX
KL-10-04	1.03	19.8	135.0	BRX
KL-10-04	1.13	7.09	146.0	BRX
KL-10-04	1.50	12.50	237.0	BRX
KL-10-06	4.00	6.40	27.5	BRX
KL-10-07	1.35	7.83	260.2	BRX
KL-10-08	2.50	4.47	1.8	BRX
KL-10-08	5.00	1.70	1.1	BRX
KL-10-08	2.50	3.57	1.4	BRX
KL-10-08	8.45	1.69	2.48	Klaza
KL-10-09	4.20	2.26	19.9	Klaza
KL-10-09	3.00	4.73	7.6	Klaza
KL-10-09	0.80	1.39	1140.0	Klaza
KL-10-09	0.50	1.18	114.0	Klaza
KL-10-09	1.30	1.81	51.1	Klaza

KL-10-09	1.33	0.65	46.6	Klaza
KL-10-09	16.35	2.33	34.9	Klaza
KL-10-10	2.55	2.45	71.5	Klaza
KL-10-10	20.10	2.87	42.3	Klaza
KL-10-11	5.40	2.04	18.7	Klaza
KL-10-11	4.67	2.64	10.6	Klaza
KL-10-11	1.50	2.33	33.0	Klaza
KL-10-11	5.22	1.52	31.2	BYG
KL-10-12	2.20	14.15	188.0	Klaza
KL-10-12	17.70	2.56	30.4	Klaza
KL-10-12	2.10	2.58	12.5	Klaza
KL-10-12	3.00	2.78	9.9	Klaza
KL-10-12	2.00	2.50	106.0	BYG
KL-10-12	7.60	3.06	48.5	HERC
KL-10-12	1.80	0.97	282.9	BRX
KL-10-13	2.00	2.44	5.8	Unnamed
KL-10-14	7.80	1.93	136.5	BRX
KL-10-14	14.40	1.35	33.4	BRX
KL-10-14	2.00	3.28	7.9	BRX
KL-10-15	4.50	2.92	140.0	BRX
KL-10-15	3.00	0.79	391.8	BRX
KL-10-16	7.00	0.96	99.0	BRX
KL-10-16	1.00	0.48	34.3	BRX
KL-10-17	2.30	1.54	71.1	BRX
KL-10-19	1.45	12.45	305.0	Klaza
KL-10-19	1.50	1.77	11.0	Klaza
KL-10-20	3.50	4.18	360.1	BRX
KL-10-21	8.68	4.00	434.8	BRX
KL-11-22	14.50	0.79	8	BYG?
KL-11-22	13.89	1.31	26	Klaza?
KL-11-23	3.40	3.02	72.9	BRX
KL-11-24	5.81	1.89	23	BRX
KL-11-26	14.68	2.13	8	BYG
Including	4.27	6.10	19	BYG
KL-11-26	7.11	7.17	16	Klaza
Including	2.00	23.90	40	Klaza
KL-11-28	1.96	2.05	163	Klaza
KL-11-30	1.30	4.87	634	Klaza
KL-11-33	9.00	1.25	177	Klaza
KL-12-34	3.61	1.42	5.16	HERC?
KL-12-35	2.25	5.53	238	Klaza
KL-12-36	9.20	3.79	190	Chevron
KL-12-39	5.40	2.49	10.70	Klaza

DIAMOND DRILLING

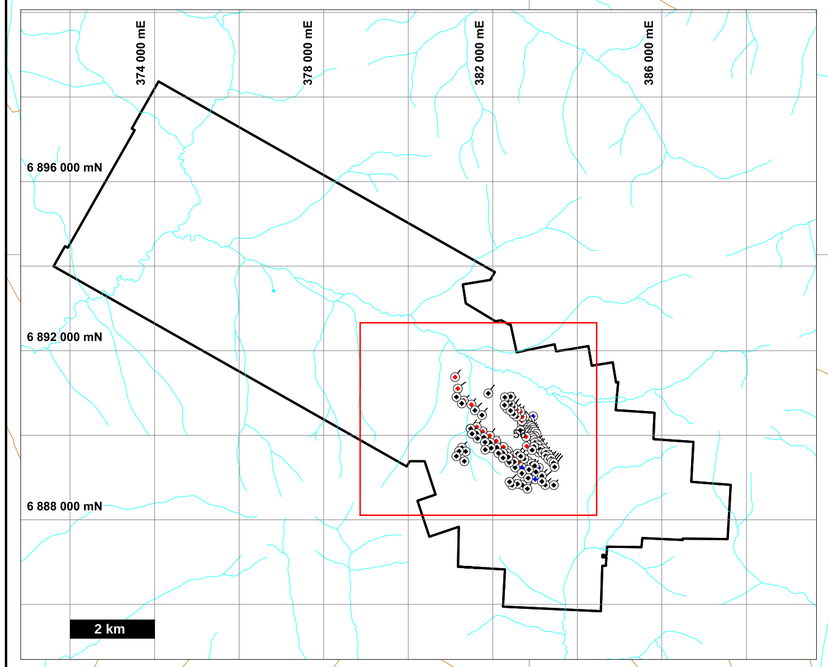
A 72 hole diamond drill program totalling 22,451 m was completed at the Klaza property in 2012. The holes were designed to follow up on favourable results returned from previous diamond drilling and to test targets identified by trenching, geophysical surveys and soil geochemical sampling.

The first hole was collared on June 5, and the last hole was completed on September 18. Drilling was contracted to four companies: Swiftsure Diamond Drilling Ltd. of Nanaimo, British Columbia; Strike Diamond Drilling of Kelowna, British Columbia; Platinum Diamond Drilling of Winnipegosis, Manitoba; and, Elite Diamond Drilling of Vernon, British Columbia. The work was done using three skid-mounted, diesel-powered Zinex A-5 drills and one skid-mounted, diesel-powered JKS-300 drill. The A-5 drills used HQ as well as NQ equipment, while the JKS-300 used BTW equipment.

The plan view locations for all diamond drill holes are plotted on Figure 9, while cross-sections showing geology and histogram assay plots for all 2012 drill holes are illustrated on Figures 10 to 80. Sampling and Analytical Procedures for the core are explained in Appendix IV, Certificates of Analyses are provided in Appendix V, and Geological and Geotechnical Logs are given in Appendix VII. Key data concerning the 2012 diamond drill holes are shown on Table VII.

Table VII – Diamond Drill Hole Data

Hole	Zone	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip	Length (m)
KL-12-64	KLAZA	383061.7	6889845	1392.64	35	-50	268.83
KL-12-65	KLAZA	382996.2	6889827	1401.51	35	-50	242.93
KL-12-66	BRX	382855.2	6889188	1441.81	35	-50	453.24
KL-12-67	KLAZA	383125.9	6889765	1395.471	35	-50	276.45
KL-12-68	KLAZA	383066	6889759	1401.482	35	-50	321.87
KL-12-69	BRX	381787.7	6889954	1301.953	35	-50	221.59
KL-12-70	KLAZA	383192.4	6889687	1399.937	35	-50	255.12
KL-12-71	KLAZA	383121	6889670	1407.878	35	-50	242.93
KL-12-72	BRX	381618.2	6890049	1275.419	35	-50	249.02
KL-12-73	KLAZA	383181.3	6889582	1413.639	35	-50	264.26
KL-12-74a	BRX	381478.2	6890156	1246.537	35	-50	113.80
KL-12-74b	BRX	381478.2	6890156	1246.537	35	-50	377.04
KL-12-75	KLAZA	382484	6890674	1332.412	35	-50	300.84
KL-12-76	KLAZA	383255.5	6889600	1405.735	35	-50	227.08
KL-12-77	KLAZA	383317	6889529	1408.396	35	-50	215.49
KL-12-78	KLAZA	383253.3	6889513	1415.611	35	-50	235.61
KL-12-79	KLAZA	382423.6	6890747	1322.529	35	-50	276.15
KL-12-80	KLAZA	383313.3	6889433	1416.138	35	-50	316.08
KL-12-81	DICKSON	382703.7	6888821	1409.133	30	-50	163.68
KL-12-82	KLAZA	383379.7	6889444	1409.539	30	-50	331.32



T.N.
1°59.4'W
21°37'
Grid north
Magnetic north
Annual change decreasing 22.9'

Property Boundary

382 000 mE
384 000 mE
6 892 000 mN
6 890 000 mN

4,000 4,100 4,200 4,300 4,400 4,500 4,600 4,700 4,800 4,900 5,000 5,100 5,200

KL-9+400 mE KL-9+500 mE KL-9+600 mE KL-9+700 mE KL-9+800 mE KL-9+900 mE KL-9+950 mE KL-10+000 mE KL-10+050 mE KL-10+100 mE KL-10+150 mE KL-10+200 mE KL-10+250 mE KL-10+300 mE KL-10+350 mE KL-10+400 mE KL-10+450 mE KL-10+500 mE KL-10+550 mE KL-10+600 mE KL-10+650 mE KL-10+700 mE KL-10+750 mE KL-10+800 mE KL-10+850 mE KL-10+900 mE KL-10+950 mE KL-11+000 mE KL-11+050 mE KL-11+100 mE KL-11+150 mE KL-11+200 mE

BRX 9+100 mE BRX 9+200 mE BRX 9+300 mE BRX 9+400 mE BRX 9+500 mE BRX 9+600 mE BRX 9+700 mE BRX 9+800 mE BRX 9+900 mE BRX 10+000 mE BRX 10+100 mE BRX 10+200 mE BRX 10+300 mE BRX 10+400 mE BRX 10+500 mE BRX 10+600 mE BRX 10+700 mE BRX 10+800 mE BRX 10+900 mE BRX 11+000 mE BRX 11+100 mE BRX 11+200 mE BRX 11+300 mE BRX 11+400 mE BRX 11+500 mE BRX 11+700 mE

Section Line
2012 Rockhaven diamond drill hole
2011 Rockhaven diamond drill hole
2010 Rockhaven diamond drill hole

ROCKHAVEN RESOURCES LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Drill Hole Locations

KLAZA PROPERTY

0 m 200 m 400 m 600 m 800 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+400 mE

035°
Looking Northwest

Elevation in meters above sea level

1350 m
1300
1250
1200
1150
1100
1050 m

KL-12-131
KL-12-107
KL-12-111

2.25 g/t Au / 97.53 g/t Ag
6.45 m

4.64 g/t Au / 191 g/t Ag
1.00 m

1.18 g/t Au / 3.42 g/t Ag
1.00 m

2.75 g/t Au / 1.05 g/t Ag
1.10 m

1.28 g/t Au / 14.69 g/t Ag
3.50 m

2.13 g/t Au / 4.94 g/t Ag
1.28 m

191.11 m

1.25 g/t Au / 207 g/t Ag
2.16 m

1.28 g/t Au / 135 g/t Ag
3.41 m

258.48 m

0.55 g/t Au / 46 g/t Ag
1.00 m

313.03 m

ROCKHAVEN RESOURCES LTD.

FIGURE 10A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+400 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Quartz feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+400 mE

035°
Looking Northwest

Elevation in meters above sea level

1350 m
1300
1250
1200
1150
1100
1050 m

KL-12-131
KL-12-107
KL-12-111

2.77
5.39
8.46
2.23

313.03 m
258.48 m
191.11 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 31.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 10B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
KL 9+400 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-115
KL-12-79

1.25 g/t Au / 177 g/t Ag
9.00 m

0.36 g/t Au / 0.63 g/t Ag
2.98 m

3.18 g/t Au / 516 g/t Ag
3.21 m

15.9 g/t Au / 333 g/t Ag
1.05 m

276.15 m

279.50 m

ROCKHAVEN RESOURCES LTD.

FIGURE 11A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+500 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Quartz feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-115
KL-12-79
3.62
27
34.18
20.89
279.50 m
276.15 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 31.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 11B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+500 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+600 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-127
KL-12-75

1.37 g/t Au / 176.42 g/t Ag
2.98 m

1.72 g/t Au / 94.8 g/t Ag
1.05 m

5.73 g/t Au / 204 g/t Ag
1.00 m

1.41 g/t Au / 169 g/t Ag
1.00 m

300.84 m

401.42 m

Quartz feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 12A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+600 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

KL 9+600 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-127
KL-12-75
3.62
5.77
8.89
9.81
4.79
300.84 m
401.42 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 31.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 12B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+600 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+700 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-124
KL-11-36

1.33 g/t Au / 42.6 g/t Ag
2.62 m

0.67 g/t Au / 49.5 g/t Ag
1.00 m

2.05 g/t Au / 163.03 g/t Ag
1.96 m

0.41 g/t Au / 165 g/t Ag
3.04 m

1.61 g/t Au / 102 g/t Ag
2.00 m

1.48 g/t Au / 32 g/t Ag
2.02 m

1.98 g/t Au / 72.3 g/t Ag
1.00 m

249.02 m

1.08 g/t Au / 34.1 g/t Ag
1.13 m

346.56 m

ROCKHAVEN RESOURCES LTD.

FIGURE 13A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+700 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

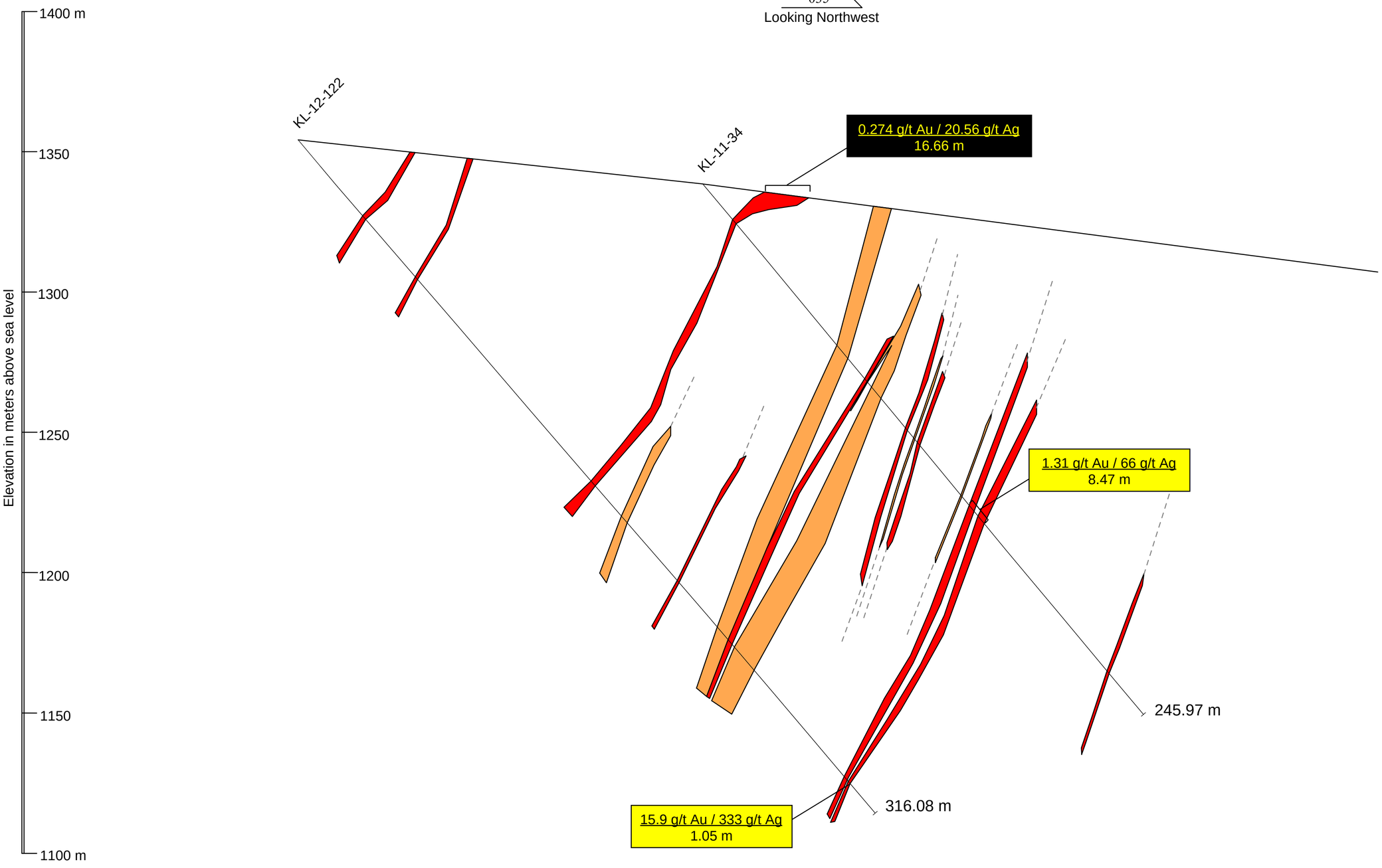
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Quartz feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+800 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 14A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+800 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

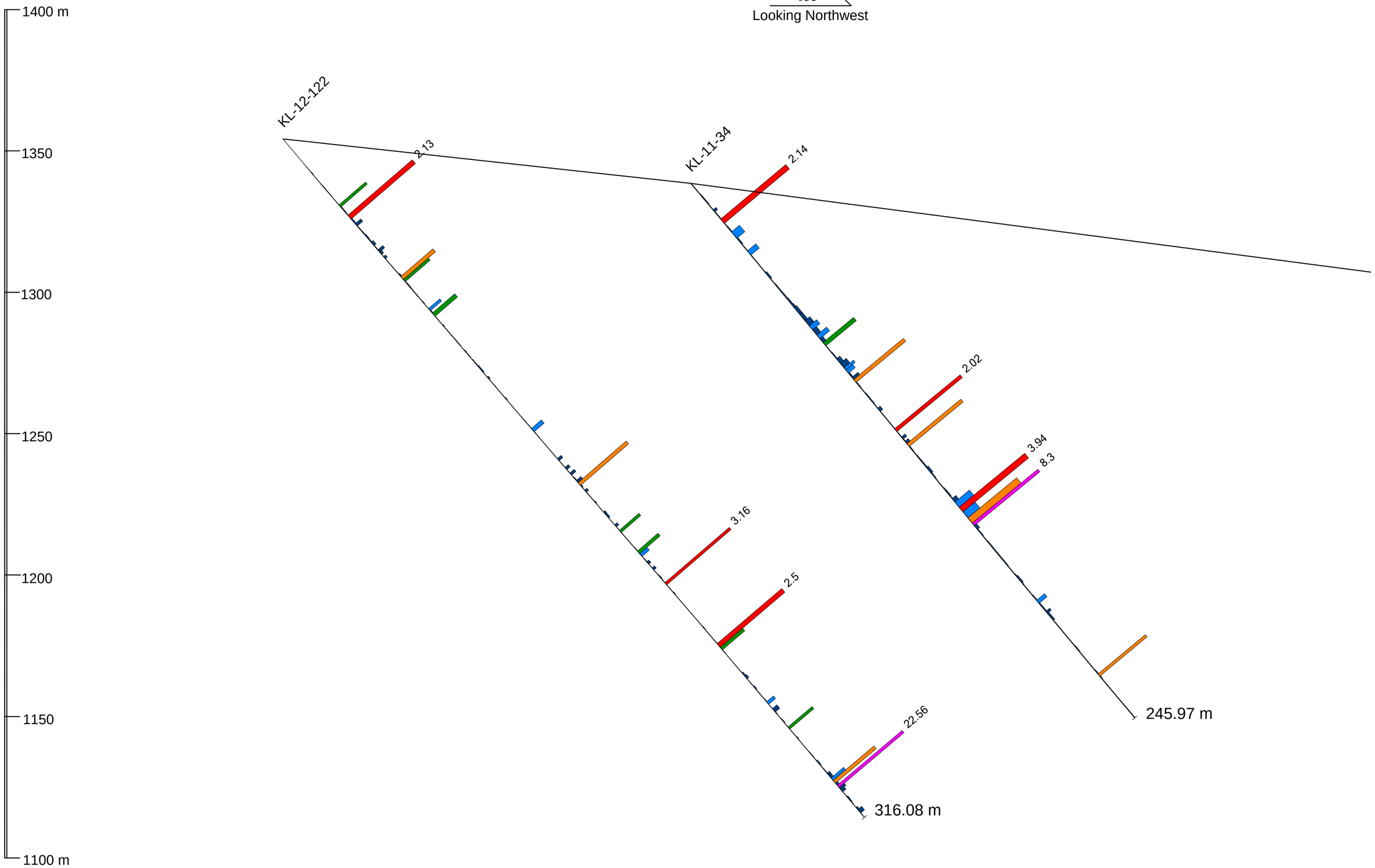
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+800 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 14B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+800 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+900 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-32

12.45 g/t Au / 305 g/t Ag
1.45 m

0.89 g/t Au / 5 g/t Ag
6.34 m

245.97 m

ROCKHAVEN RESOURCES LTD.

FIGURE 15A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+900 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

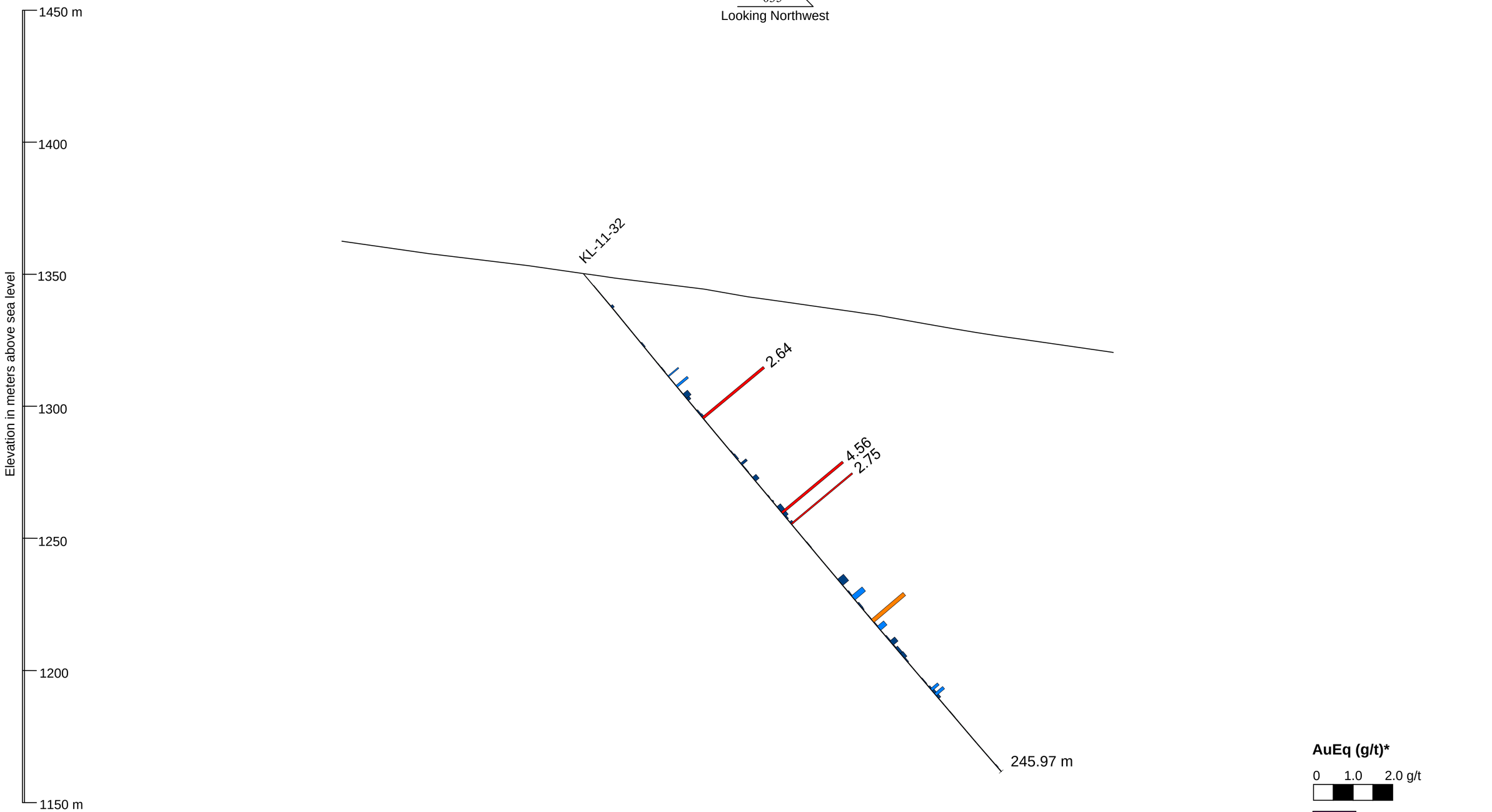
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+900 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 15B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+900 mE

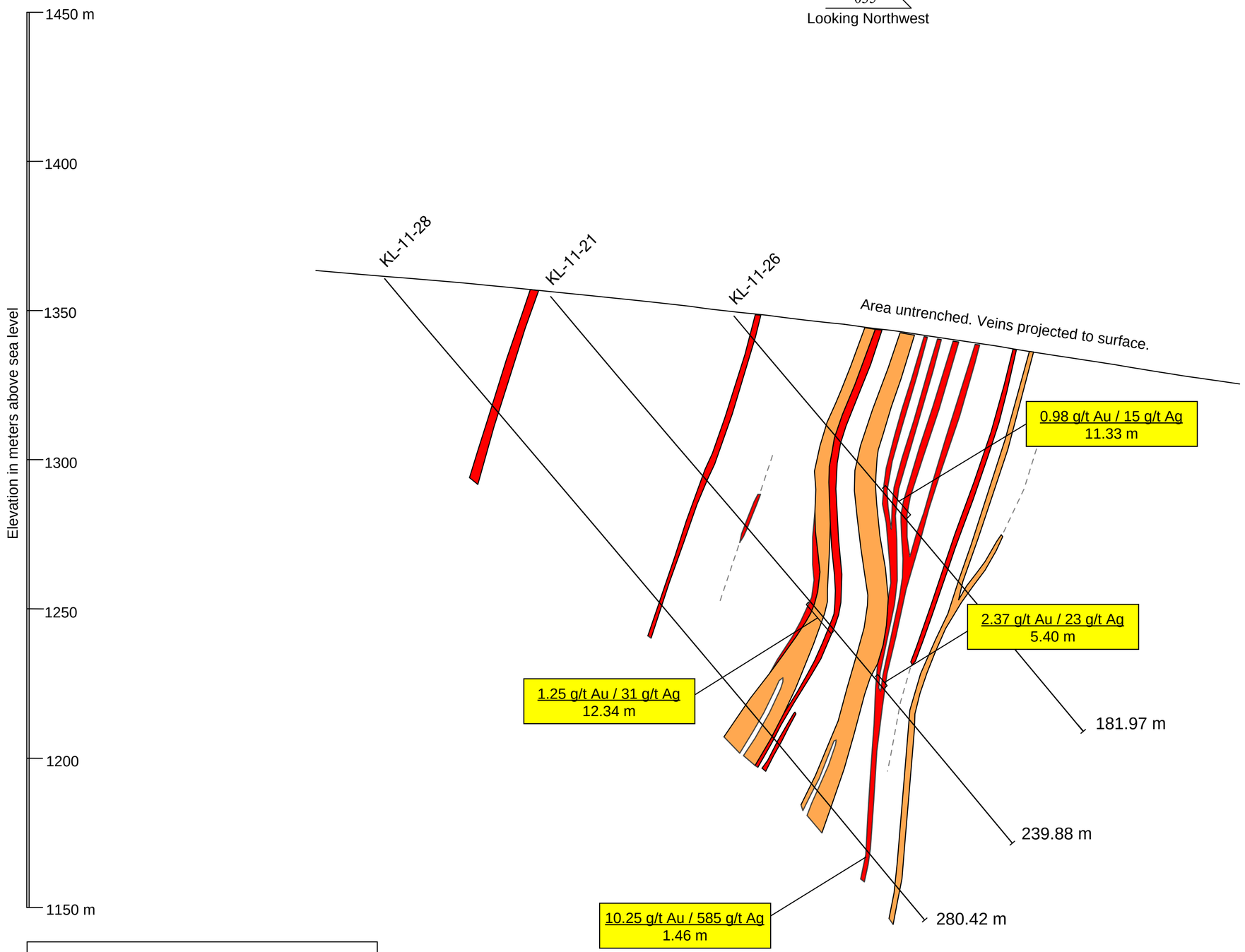
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 9+950 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 16A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+950 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

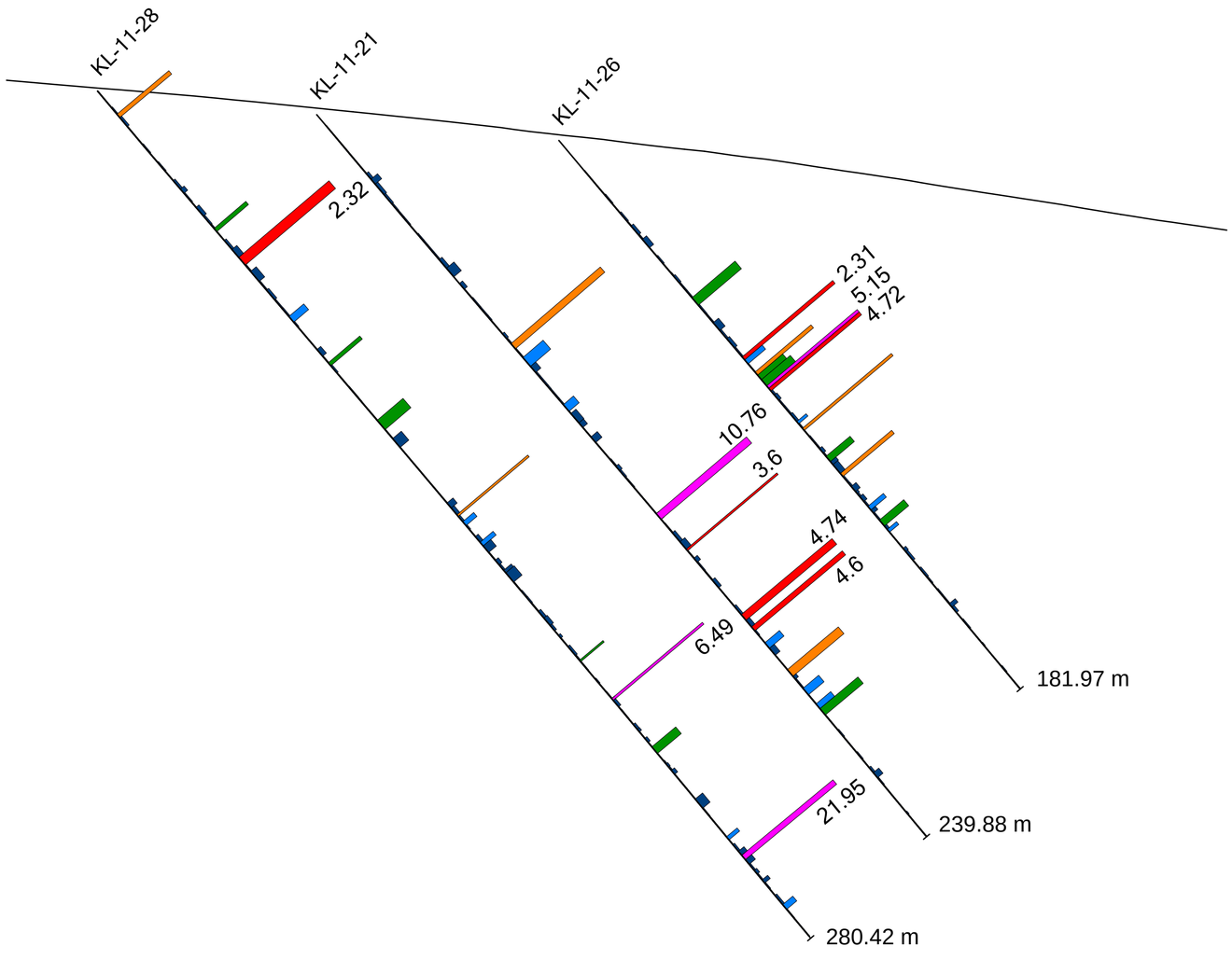
*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 9+950 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 16B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 9+950 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

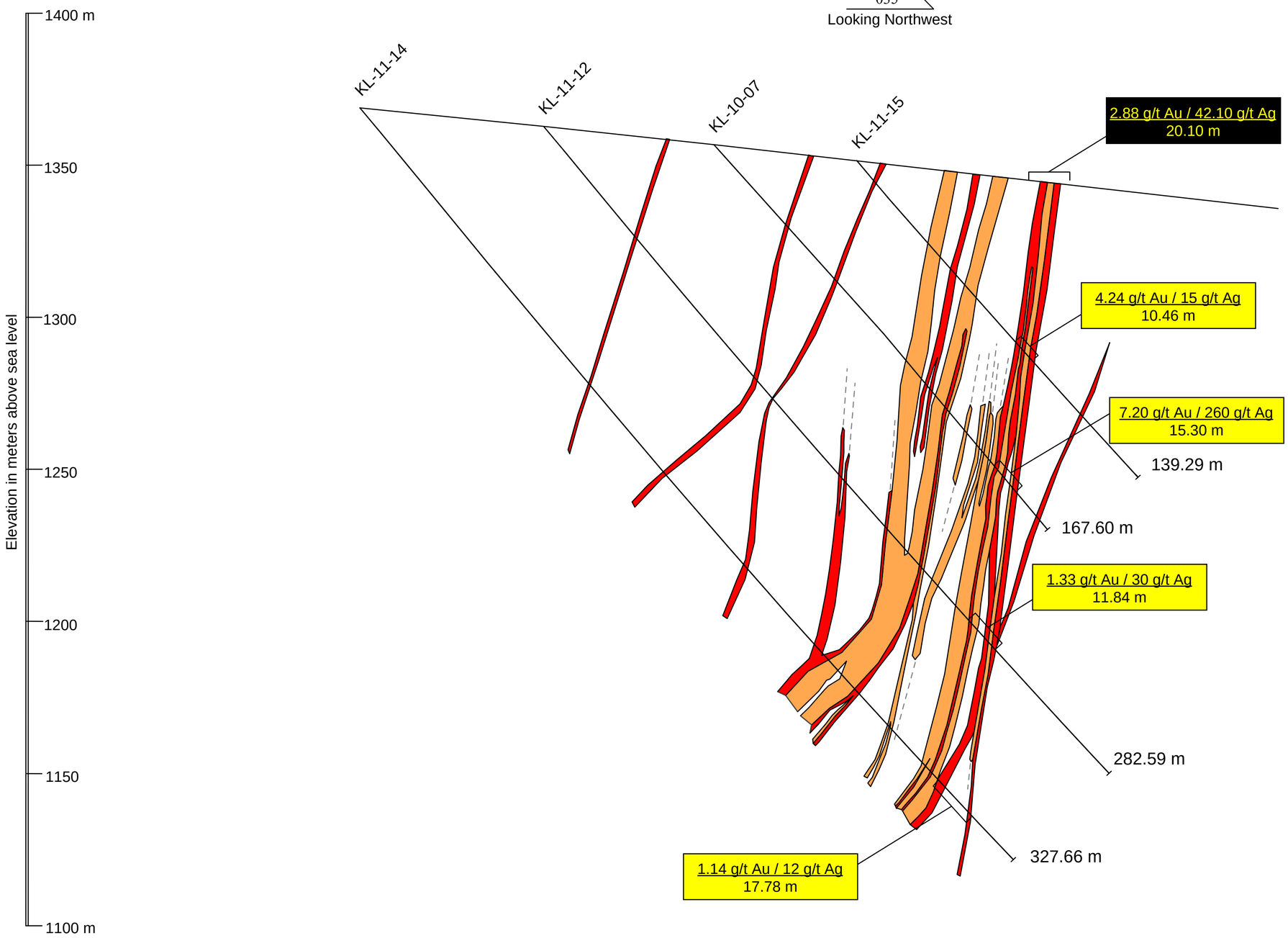
0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

KL 10+000 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 17A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+000 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+000 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-11-14
KL-11-12
KL-10-07
KL-11-15

2.68
7.65
19.79
3.24
3.1
2.39
8.2
3.1
3.28
2.7
3.01
53.48
11.04
74.1
4.08
139.29 m
8.05
167.60 m
6.88
14.01
9.27
5.24
20.07
282.59 m
327.66 m

AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 17B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+000 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+050 mE

035°
Looking Northwest

KL-12-133
KL-11-19
KL-11-18
KL-11-16

Area untrenched. Veins projected to surface.

1.00 g/t Au / 30.2 g/t Ag
5.36 m

2.89 g/t Au / 49 g/t Ag
15.11 m

0.75 g/t Au / 18 g/t Ag
41.55 m

1.03 g/t Au / 9 g/t Ag
19.77 m

181.35 m

3.22 g/t Au / 400 g/t Ag
1.00 m

1.27 g/t Au / 12 g/t Ag
30.42 m

230.73 m

288.65 m

11.90 g/t Au / 5.23 g/t Ag
6.70 m

550.77 m

Elevation in meters above sea level

1350 m
1300
1250
1200
1150
1100
1050 m

ROCKHAVEN RESOURCES LTD.

FIGURE 18A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+050 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+050 mE

035°
Looking Northwest

KL-12-133
KL-11-19
KL-11-18
KL-11-16

Elevation in meters above sea level
1350 m
1300
1250
1200
1150
1100
1050 m

2.05
2.59
3.72
11.22
2.22
2.19
2.52
3.36
5.96
2.67
5.42
24.57
13.03
17.25
2.33
4.36
2.12
2.75
2.64
25.98
8.6
20.24
181.35 m
230.73 m
550.77 m

ROCKHAVEN RESOURCES LTD.

FIGURE 18B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+050 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

AuEq (g/t)*

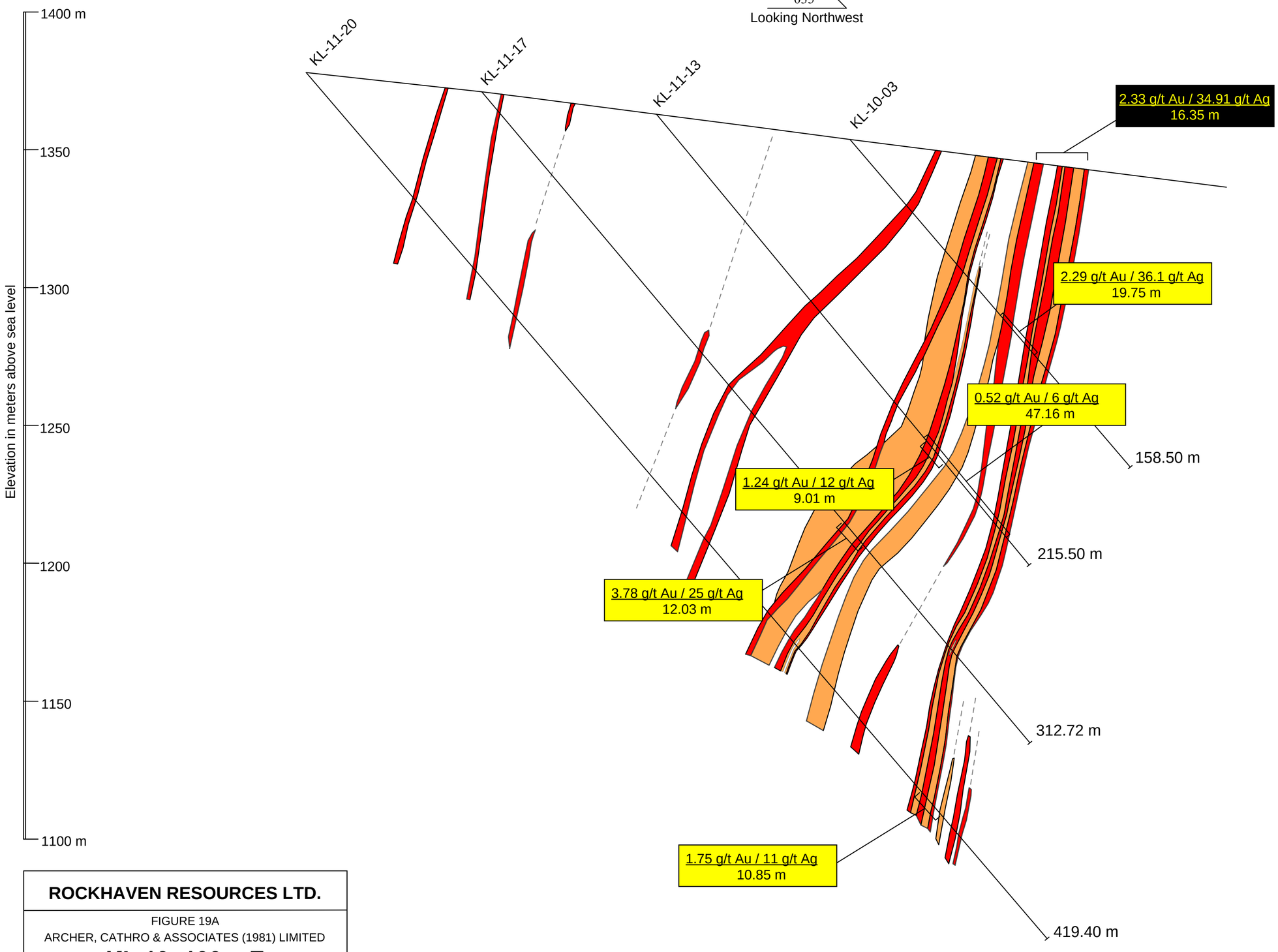
0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

KL 10+100 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 19A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+100 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+100 mE

035°
Looking Northwest

KL-11-20
KL-11-17
KL-11-13
KL-10-03

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

2.23
3.04
2.39
12.14
2.31
8.23
3.69
2.99
312.72 m
419.40 m
13.9
3.97
2.89
3.02
41.16
2.79
11.33
5.76
18.28
15.91
2.16
2.84
158.50 m
2.96
11.66
2.03
215.50 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 19B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+150 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

Area untrenched. Veins projected to surface.

2.31 g/t Au / 41 g/t Ag
11.94 m

2.26 g/t Au / 15 g/t Ag
13.05 m

1.76 g/t Au / 26 g/t Ag
26.21 m

199.94 m

2.58 g/t Au / 19 g/t Ag
1.99 m

5.07 g/t Au / 98 g/t Ag
1.01 m

250.91 m

410.20 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 20A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+150 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+150 mE

035°
Looking Northwest

KL-11-31
KL-11-27
KL-11-25

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

7.46
8.52
10.1
2.61
4.57
16.38
3.27
38.38
7.43
8.49
3.32
2.96
7.03
2.26
22.08
199.94 m
250.91 m
410.20 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 20B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+150 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-44
KL-11-41
KL-10-10
KL-11-38

4.54 g/t Au / 12.7 g/t Ag
2.47 m

3.19 g/t Au / 31.9 g/t Ag
1.40 m

0.72 g/t Au / 4.3 g/t Ag
5.30 m

0.99 g/t Au / 25 g/t Ag
19.40 m

0.96 g/t Au / 13 g/t Ag
13.90 m

1.49 g/t Au / 7.4 g/t Ag
9.30 m

1.59 g/t Au / 9 g/t Ag
9.68 m

1.02 g/t Au / 14.7 g/t Ag
33.30 m

1.16 g/t Au / 12 g/t Ag
5.14 m

192.33 m

219.46 m

2.66 g/t Au / 50 g/t Ag
10.15 m

373.99 m

425.81 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 21A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+200 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

KL 10+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-44
KL-11-41
KL-10-10
KL-11-38

3.19
2.12
3.36
26.66
6.41
7.91
2.59
3.89
3.35
9.54
9.29
3.9
2.39
2.96
3.18
9.58
4.21
8.55
4.41
5.31
3.3
4.28
12.42
4.21
16.52

192.33 m
219.46 m
373.99 m
425.81 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 21B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+200 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+250 mE

035°
Looking Northwest

KL-11-63
KL-11-46
KL-11-43
KL-11-40

Area untrenched. Veins projected to surface.

6.29 g/t Au / 342 g/t Ag
1.43 m

5.39 g/t Au / 25 g/t Ag
4.69 m

1.08 g/t Au / 18 g/t Ag
14.87 m

0.70 g/t Au / 13 g/t Ag
7.08 m

0.88 g/t Au / 22 g/t Ag
9.12 m

1.71 g/t Au / 23 g/t Ag
4.52 m

0.93 g/t Au / 16 g/t Ag
6.21 m

1.17 g/t Au / 15 g/t Ag
10.25 m

236.52 m

273.41 m

364.85 m

434.95 m

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

ROCKHAVEN RESOURCES LTD.

FIGURE 22A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+250 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+250 mE

035°
Looking Northwest

KL-11-63
KL-11-46
KL-11-43
KL-11-40

13.13
4.06
2.21
9.99
3.87
434.95 m

3.22
2.43
2.33
3.63
5.35
4.32
6.1
6.84
2.34
3.9
2.14
2.88
3.94
2.76
14.97
2
4.57
364.85 m

5.9
11.09
4.58
2.77
2.68
2.35
3.88
2.23
2.26
5.98
2.26
11.1
236.52 m
273.41 m

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 22B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+250 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+300 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-55
KL-11-52
KL-11-50
KL-11-47

Area untrenched. Veins projected to surface.

6.93 g/t Au / 36 g/t Ag
3.76 m

1.18 g/t Au / 6 g/t Ag
16.52 m

0.84 g/t Au / 9 g/t Ag
21.63 m

1.2 g/t Au / 8 g/t Ag
16.85 m

1.16 g/t Au / 14 g/t Ag
12.13 m

227.69 m

0.76 g/t Au / 10 g/t Ag
11.34 m

0.67 g/t Au / 4.6 g/t Ag
7.42 m

285.60 m

2.76 g/t Au / 20 g/t Ag
6.21 m

319.13 m

1.02 g/t Au / 8 g/t Ag
14.87 m

383.13 m

ROCKHAVEN RESOURCES LTD.

FIGURE 23A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+300 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-55
KL-11-52
KL-11-50
KL-11-47

2.26
5.73
2.14
14.77
3.89
3.14
2.25
8.1
2.25
2.46
3.46
4.06
3.93
4.22
7.79
6.69
6.19
383.13 m
319.13 m
7.7
7.66
3.83
2.02
2.91
8.34
4.68
2.38
10.84
3.19
2.2
4.27
3.38
11.36
2.94
2.55
35.26
5.12
285.60 m
227.69 m

ROCKHAVEN RESOURCES LTD.

FIGURE 23B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

AuEq (g/t)*

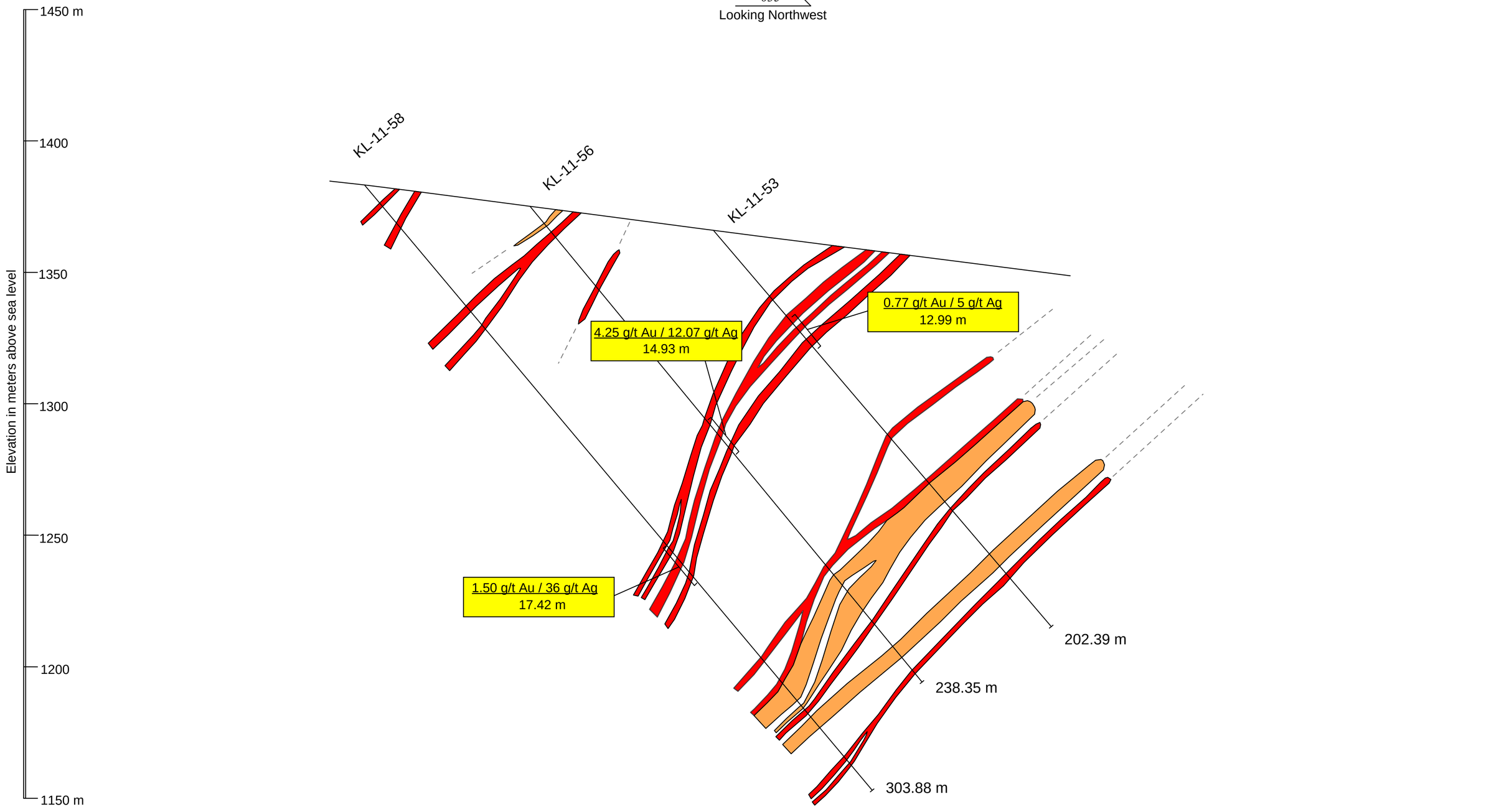
0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

KL 10+350 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 24A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+350 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+350 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-58
KL-11-56
KL-11-53

3.35
3.76
14.25
8.22
5.68
6.05
3.07
5.86
5.9
4.72
303.88 m
11.87
21.13
21.04
2.39
10.86
238.35 m
3.34
3.58
2.62
3.53
8.79
202.39 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 24B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+350 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+400 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-60
KL-11-61
KL-11-59
KL-11-57

Area untrenched. Veins projected to surface.

1.39 g/t Au / 19 g/t Ag
7.12 m

1.17 g/t Au / 16 g/t Ag
6.35 m

0.96 g/t Au / 10 g/t Ag
4.32 m

1.21 g/t Au / 8 g/t Ag
24.27 m

1.42 g/t Au / 22 g/t Ag
4.82 m

188.06 m
273.41 m
370.94 m
364.85 m

ROCKHAVEN RESOURCES LTD.

FIGURE 25A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+400 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+400 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-60
KL-11-61
KL-11-59
KL-11-57

2.49
4.74
4.58
6.18
3.11
2.8
2.18
5.25
2.41
10.06
12.62
2.62
7.43
2.61
2.25
3.93
3.02
5.19
10.42
3.52
3.89
2.04
3.07
3.83
3.71
2.46
2.93

370.94 m
364.85 m
273.41 m
188.06 m

AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 25B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+400 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+450 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-11-62

Area untrenched. Veins projected to surface.

3.81 g/t Au / 14 g/t Ag
3.59 m

0.98 g/t Au / 37 g/t Ag
5.70 m

340.46 m

ROCKHAVEN RESOURCES LTD.

FIGURE 26A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+450 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+450 mE

035°
Looking Northwest

1450 m
1400
1350
1300
1250
1200
1150 m
Elevation in meters above sea level

KL-11-62
7.77
6.31
3.89
2.96
4.4
7.45
340.46 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

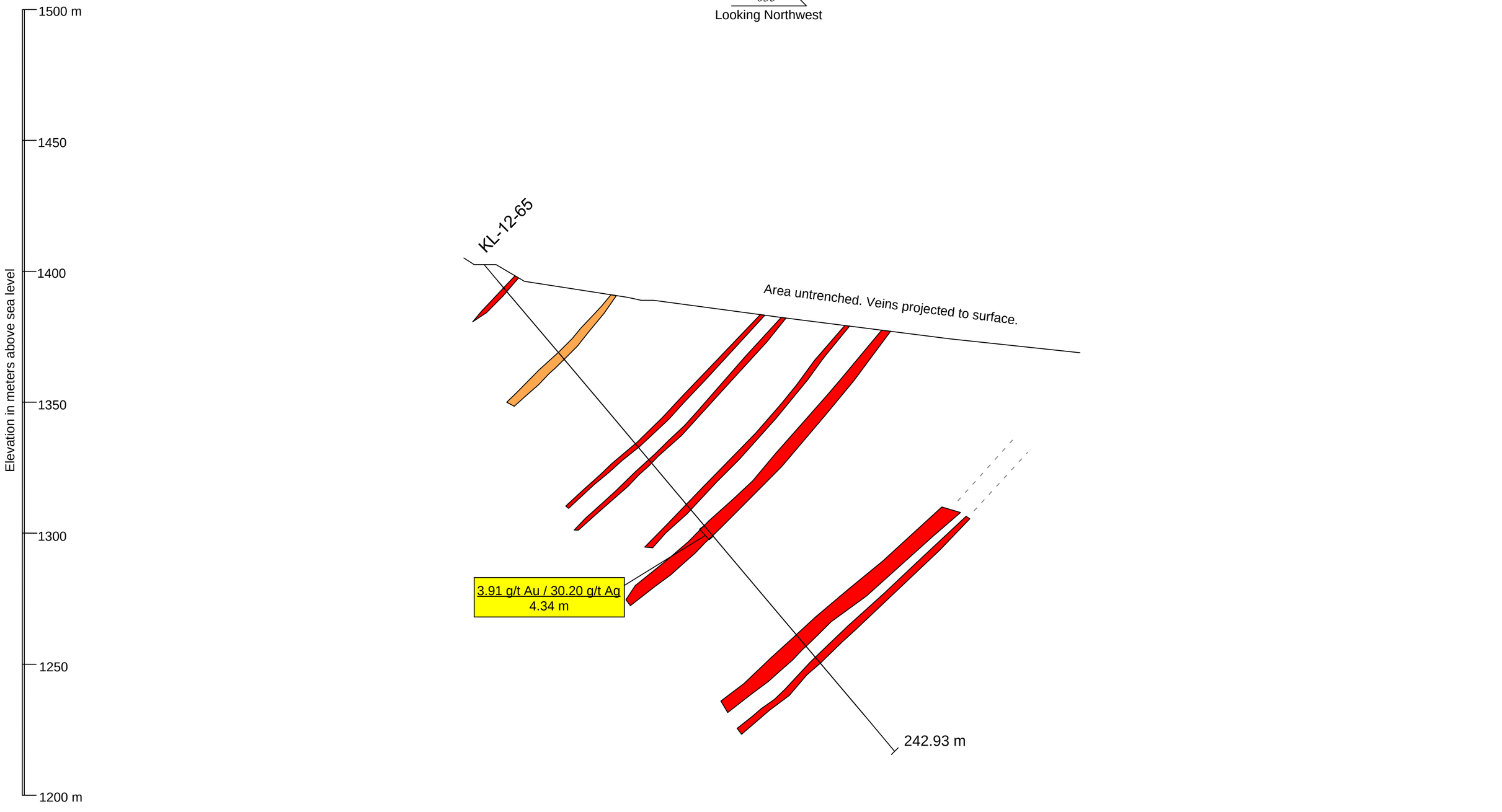
FIGURE 26B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
KL 10+450 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+500 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 27A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+500 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

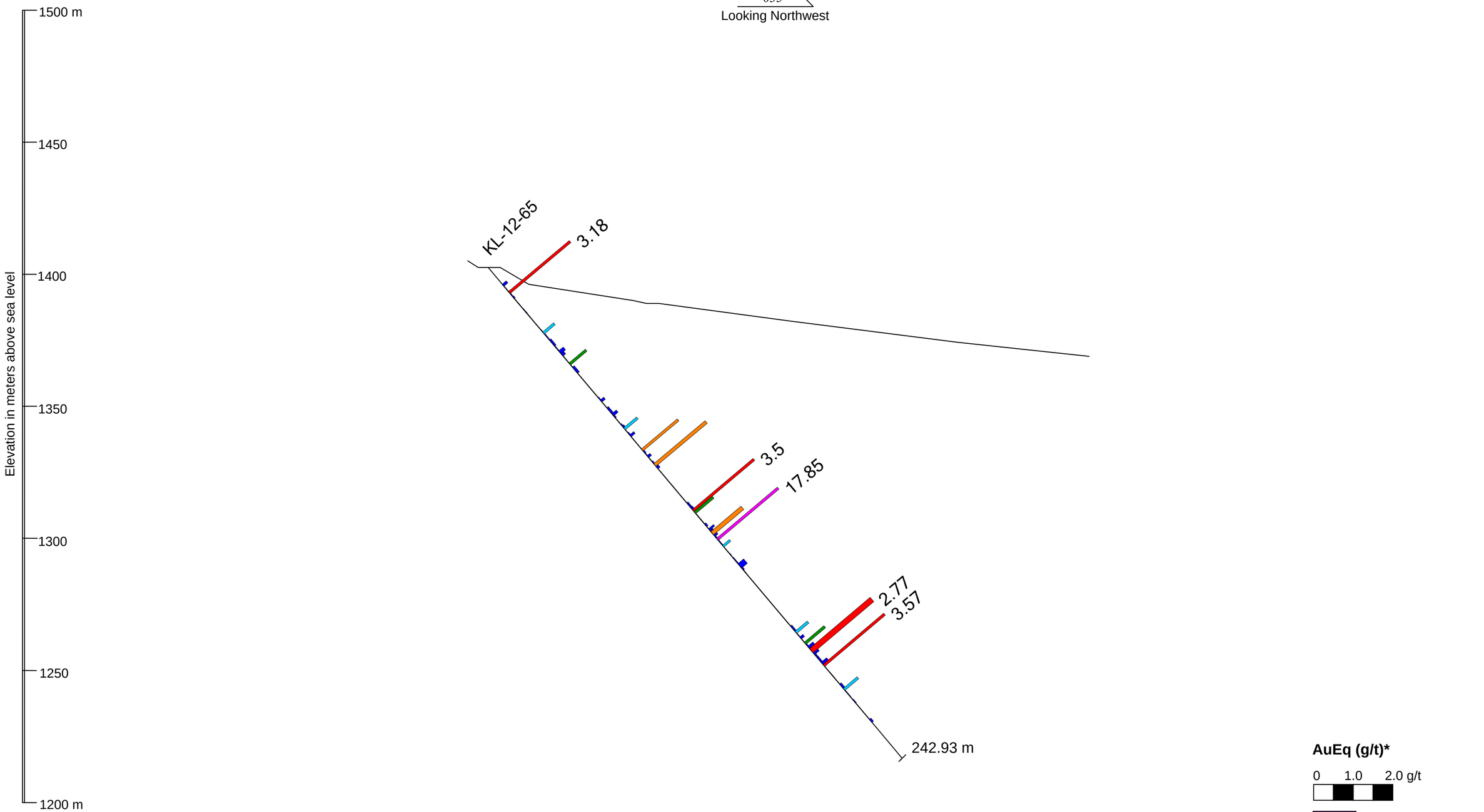
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+500 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 27B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+500 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+550 mE

035°
Looking Northwest

KL-11/12-51x

KL-12-85

KL-12-64

Area untrenched. Veins projected to surface.

1.71 g/t Au / 29.60 g/t Ag
1.40 m

2.07 g/t Au / 20.74 g/t
4.42 m

23.6 g/t Au / 74 g/t Ag
0.64 m

7.51 g/t Au / 57 g/t Ag
1.37 m

2.73 g/t Au / 34.38 g/t Ag
2.20 m

0.82 g/t Au / 8.45 g/t Ag
3.95 m

268.83 m

340.46 m

486.77 m

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

ROCKHAVEN RESOURCES LTD.

FIGURE 28A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+550 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

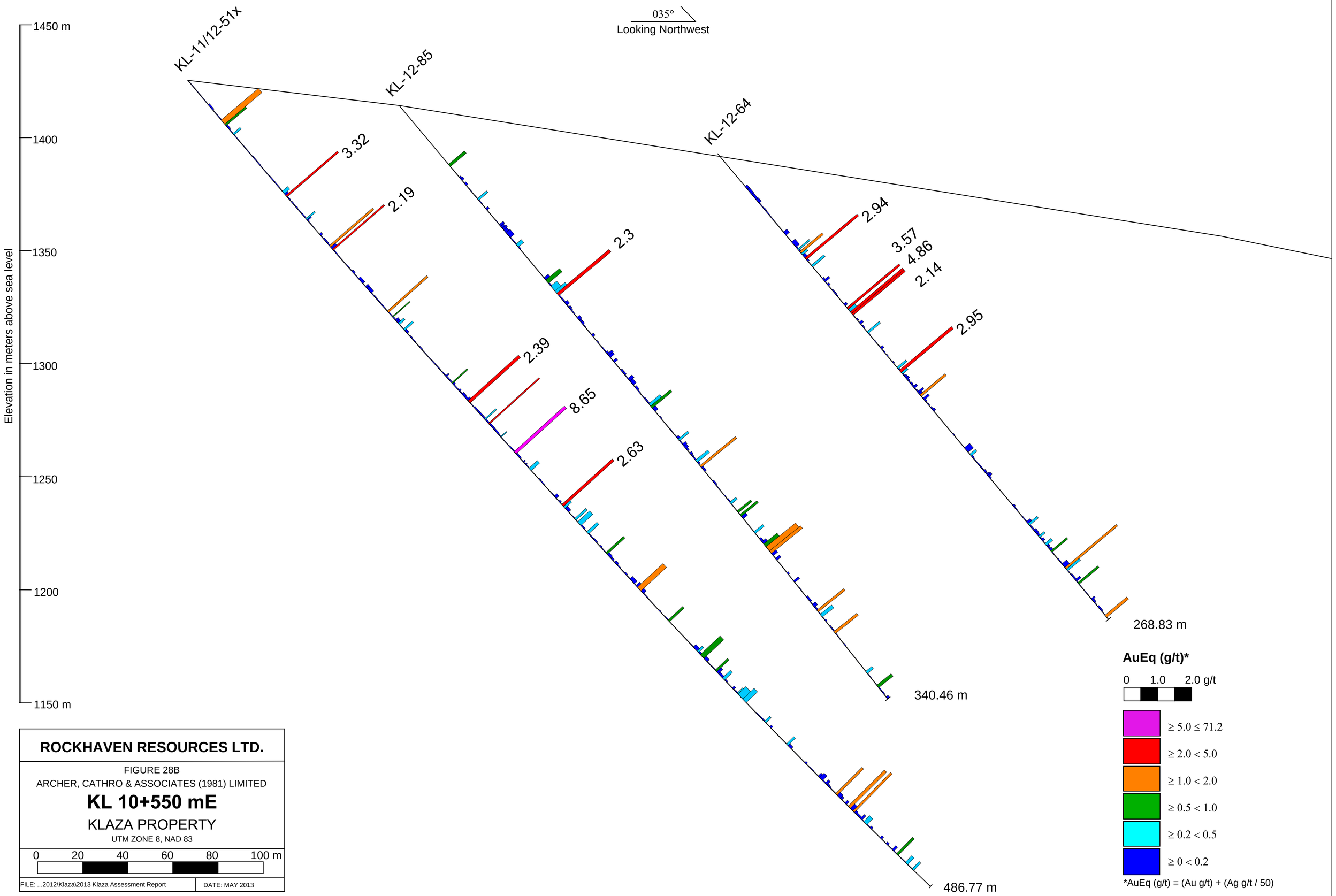
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+550 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 28B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+550 mE

KLAZA PROPERTY

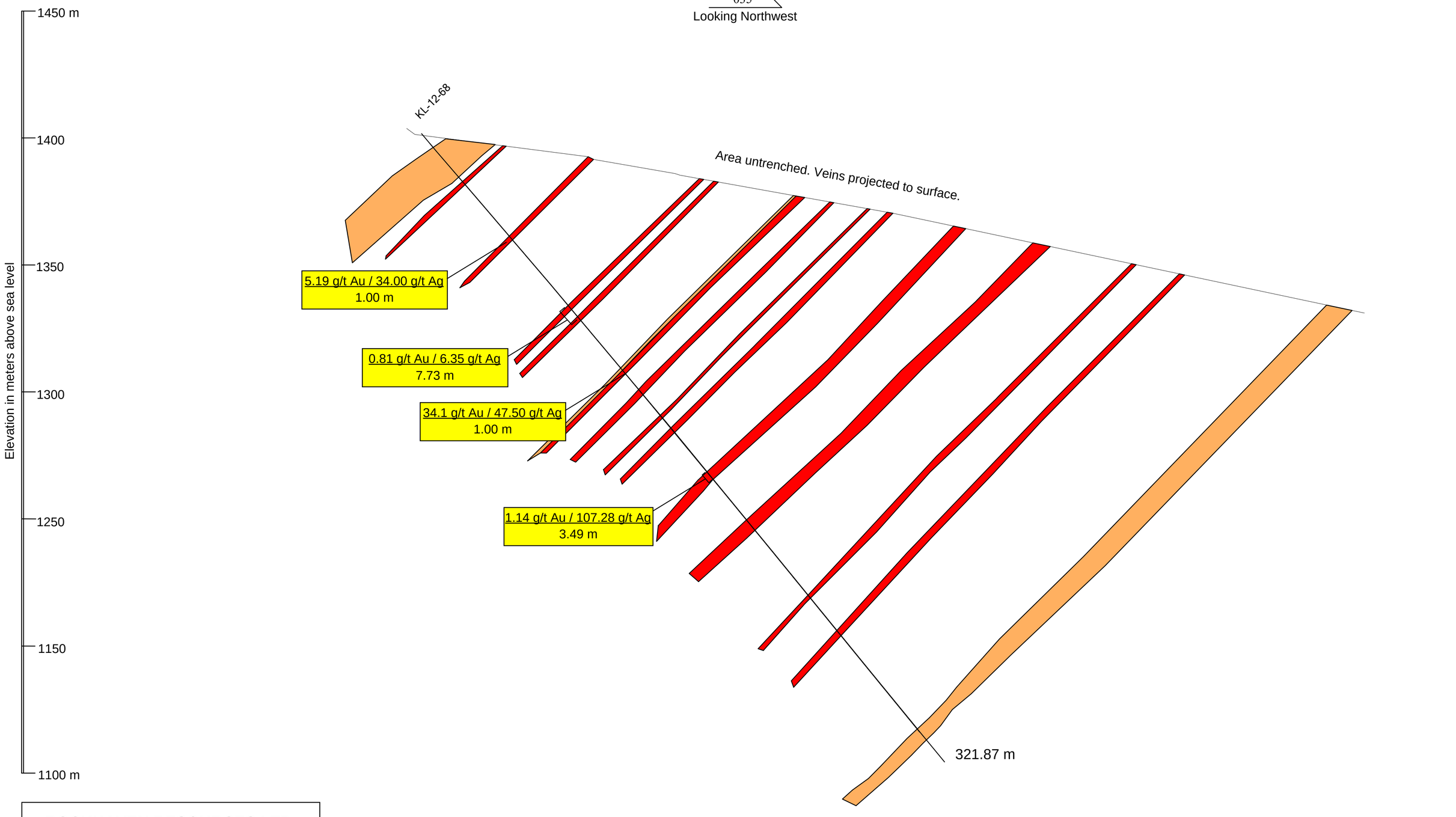
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+600 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 29A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+600 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+600 mE

035°
Looking Northwest

1450 m
1400
1350
1300
1250
1150
1100 m

Elevation in meters above sea level

KL-12-68

5.87

29.75

2.64
4.95

321.87 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 29B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+600 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+650 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-67

Area untrenched. Veins projected to surface.

2.34 g/t Au / 234 g/t Ag
1.02 m

2.07 g/t Au / 341 g/t Ag
1.25 m

3.07 g/t Au / 23.1 g/t Ag
2.57 m

276.45 m

ROCKHAVEN RESOURCES LTD.

FIGURE 30A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+650 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

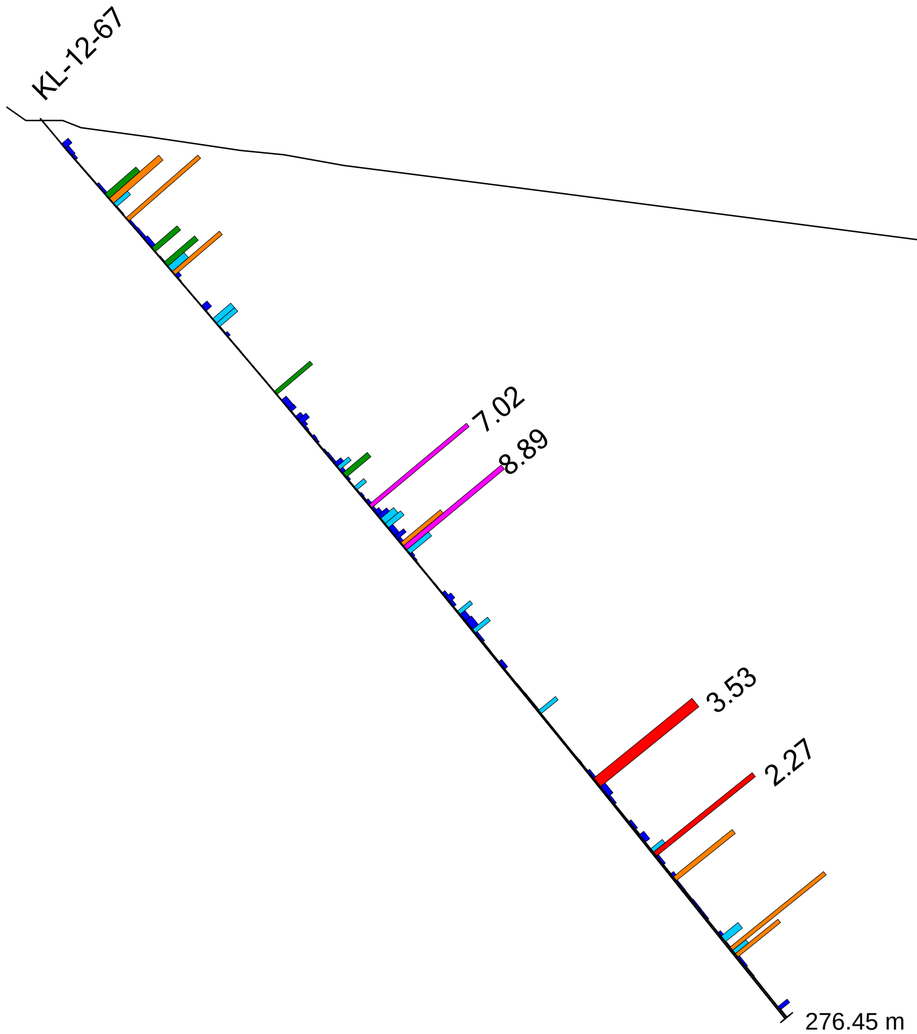
*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+650 mE

035°
Looking Northwest

1500 m
1450
1400
1350
1300
1250
1200 m

Elevation in meters above sea level



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 30B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+650 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+700 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-71

1.34 g/t Au / 10.05 g/t Ag
48.76 m

6.80 g/t Au / 55.7 g/t Ag
3.00 m

1.33 g/t Au / 10.09 g/t Ag
5.50 m

1.25 g/t Au / 14.89 g/t Ag
8.16 m

1.305 g/t Au / 81.80 g/t Ag
1.13 m

232.61 m

ROCKHAVEN RESOURCES LTD.

FIGURE 31A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+700 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

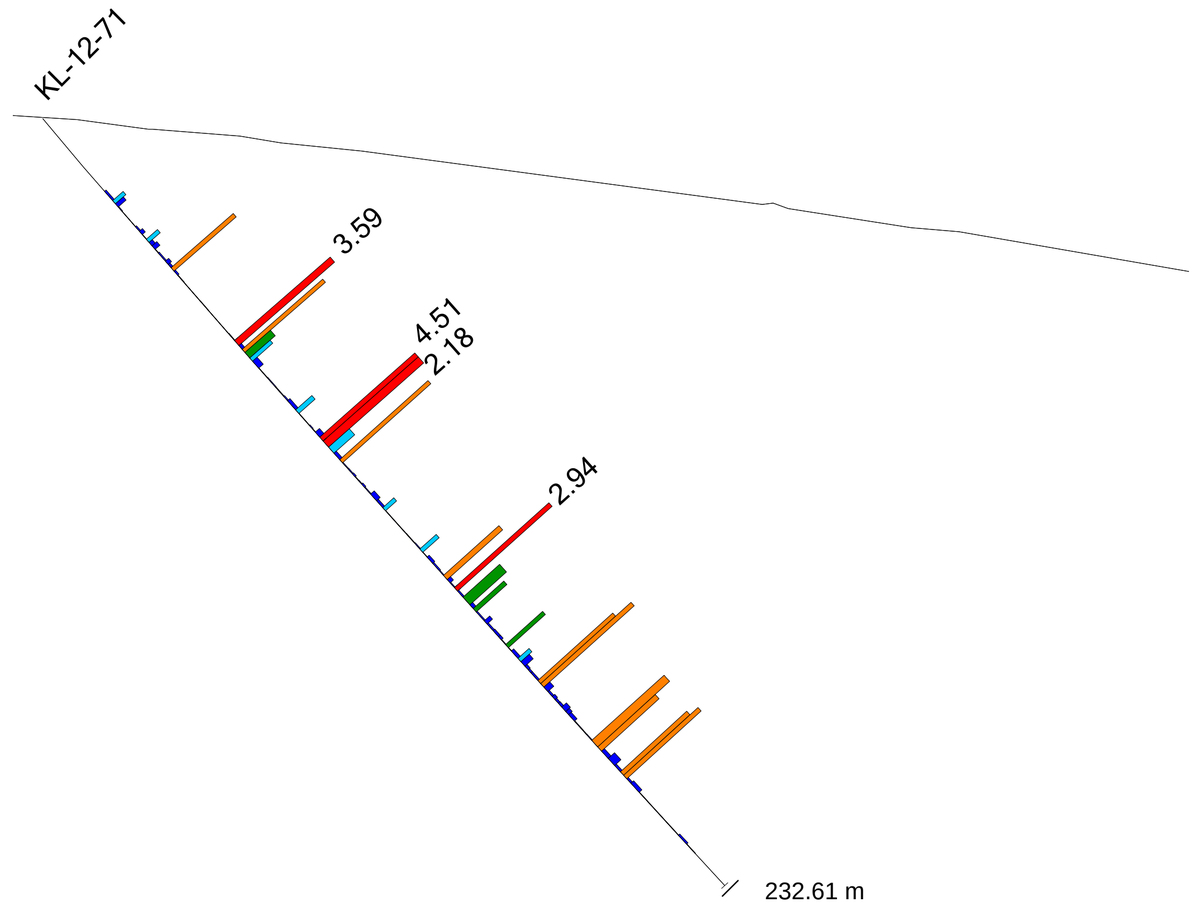
*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+700 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 31B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+700 mE

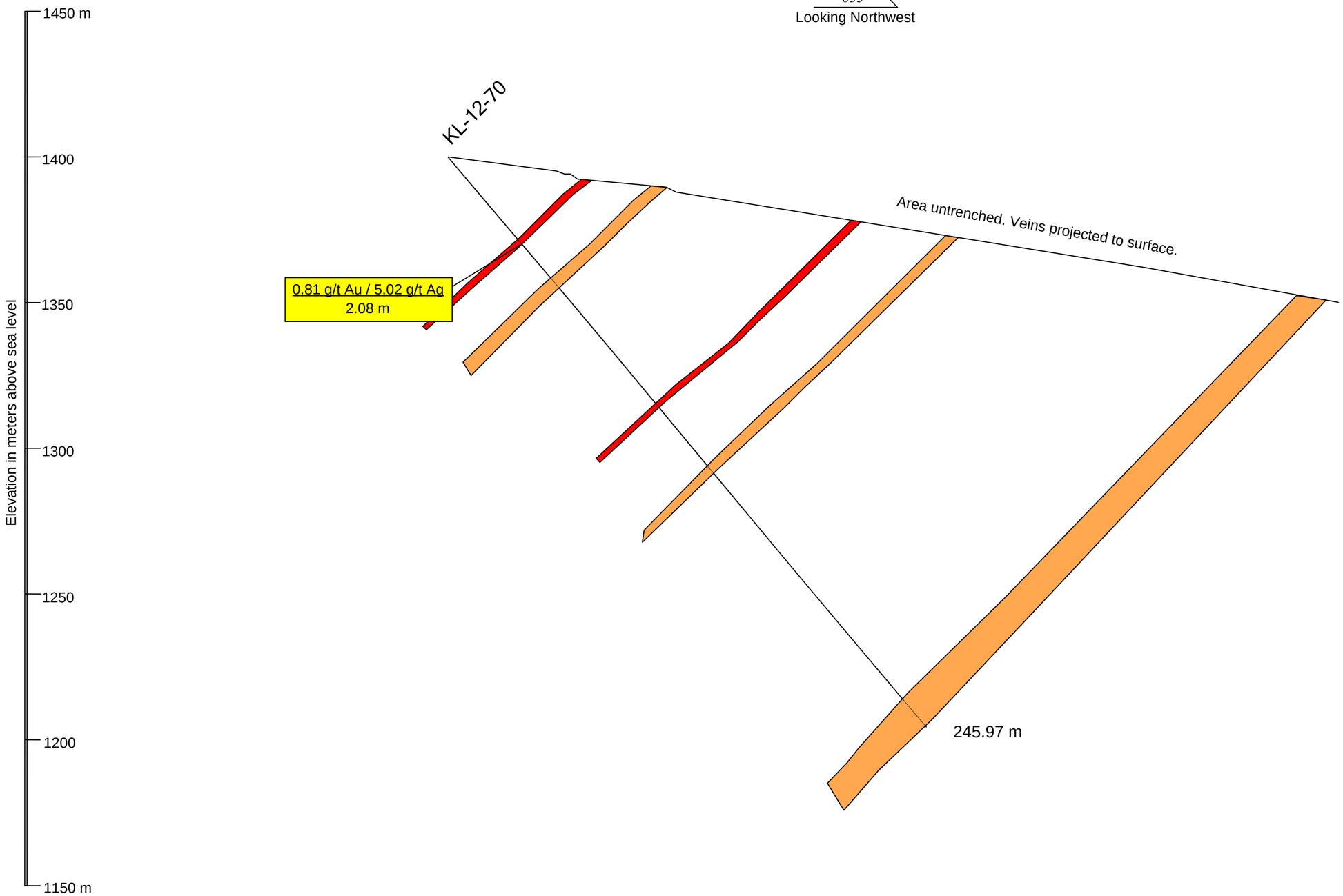
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+750 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 32A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+750 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

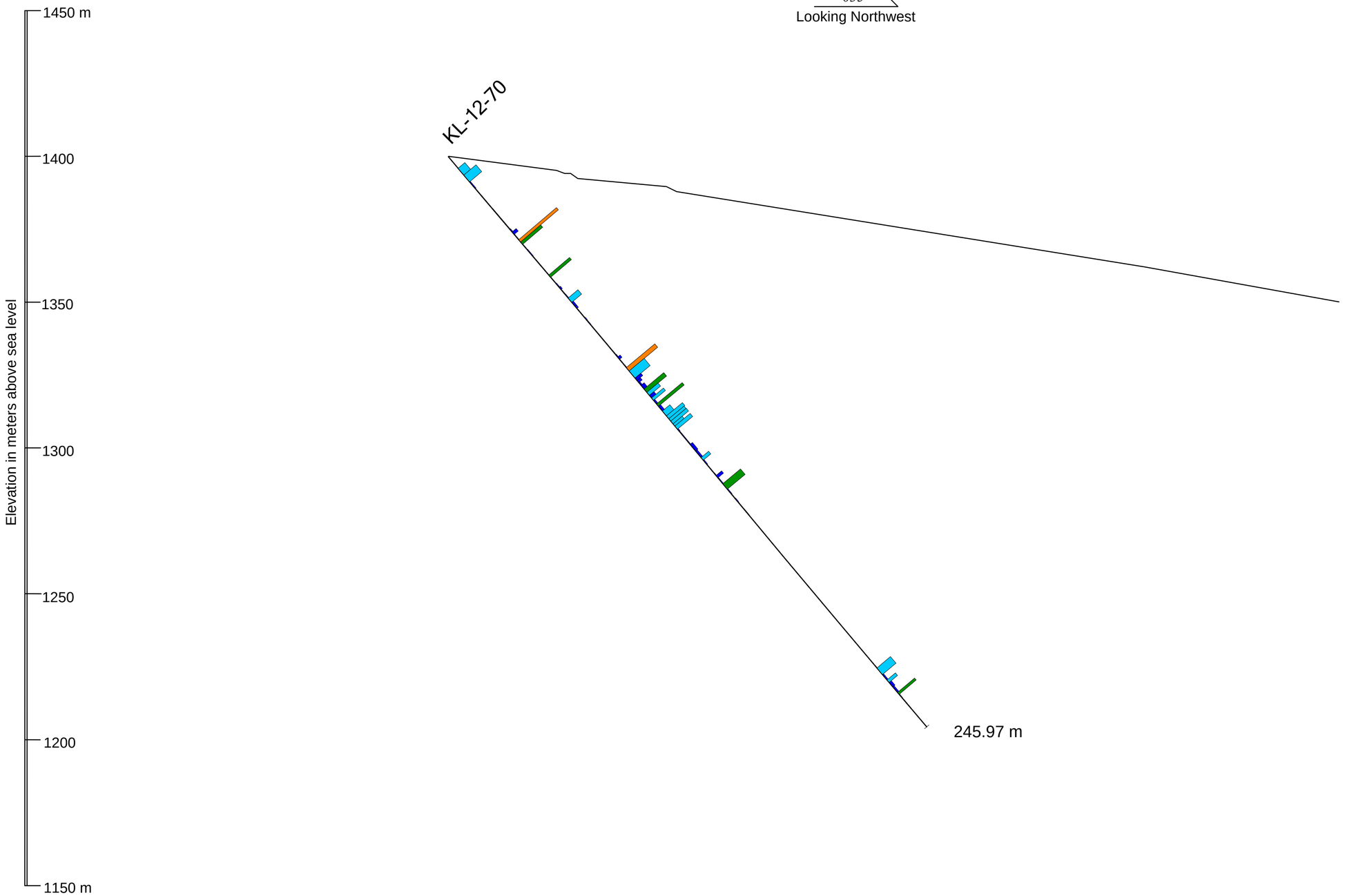
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+750 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 32B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+750 mE

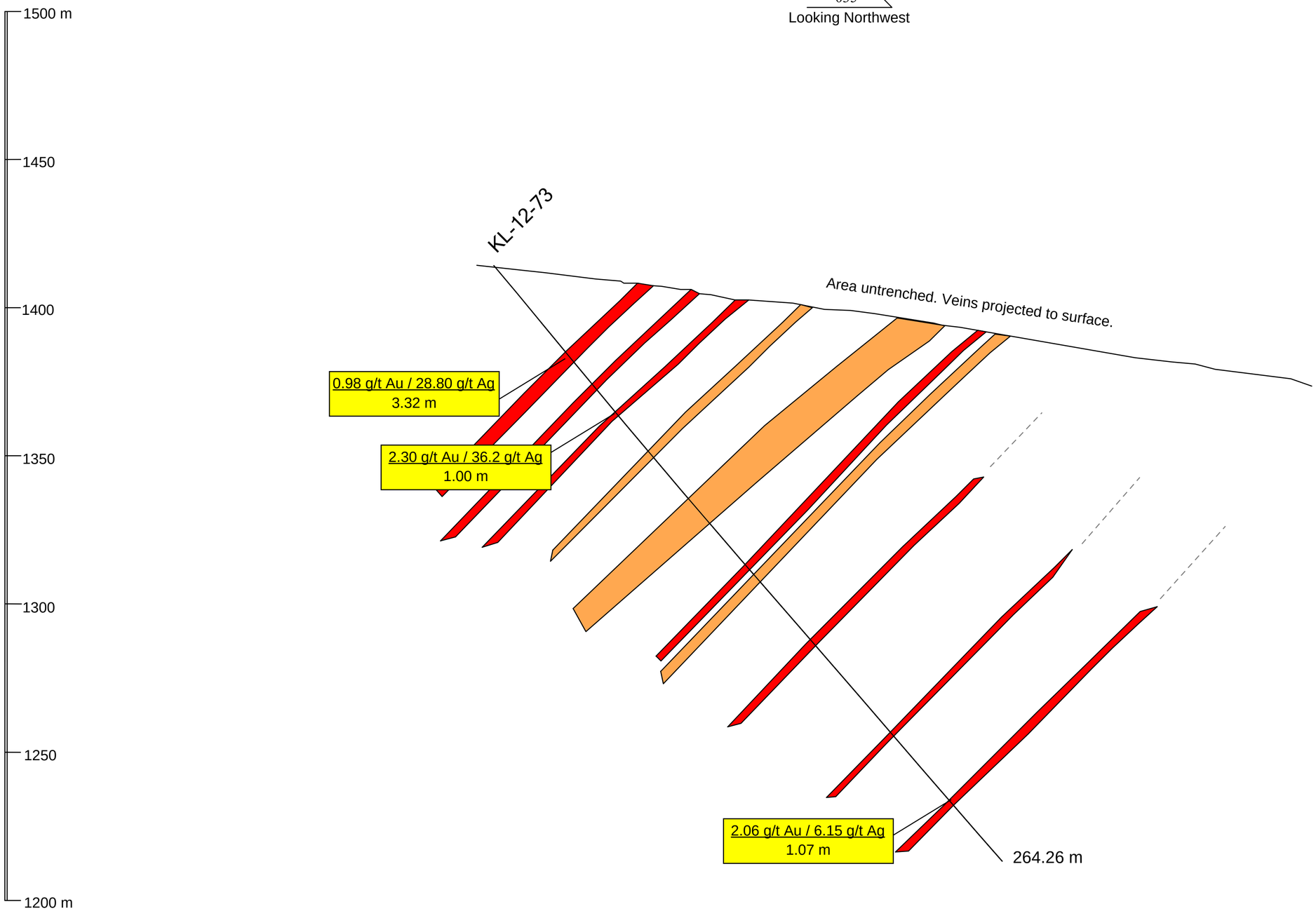
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+800 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 33A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+800 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+800 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-73

3.02

2.3

2.18

264.26 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 33B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+800 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

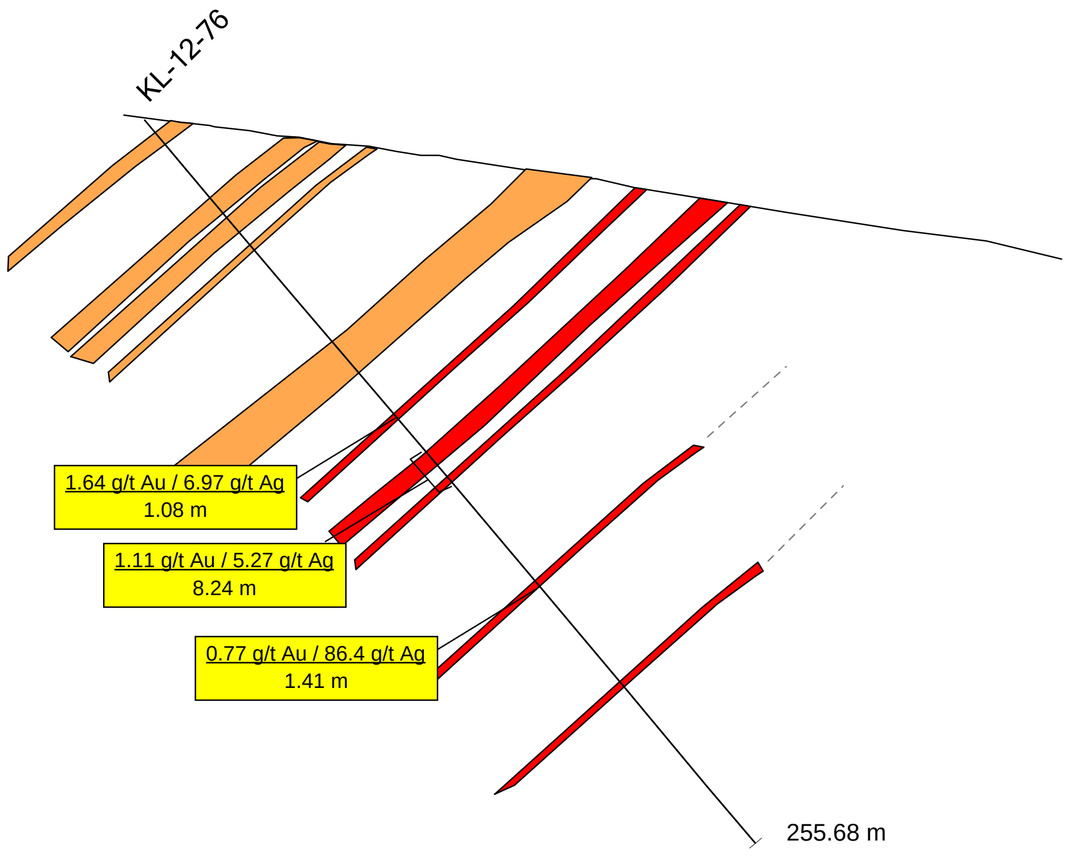
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+850 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m



ROCKHAVEN RESOURCES LTD.

FIGURE 34A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+850 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

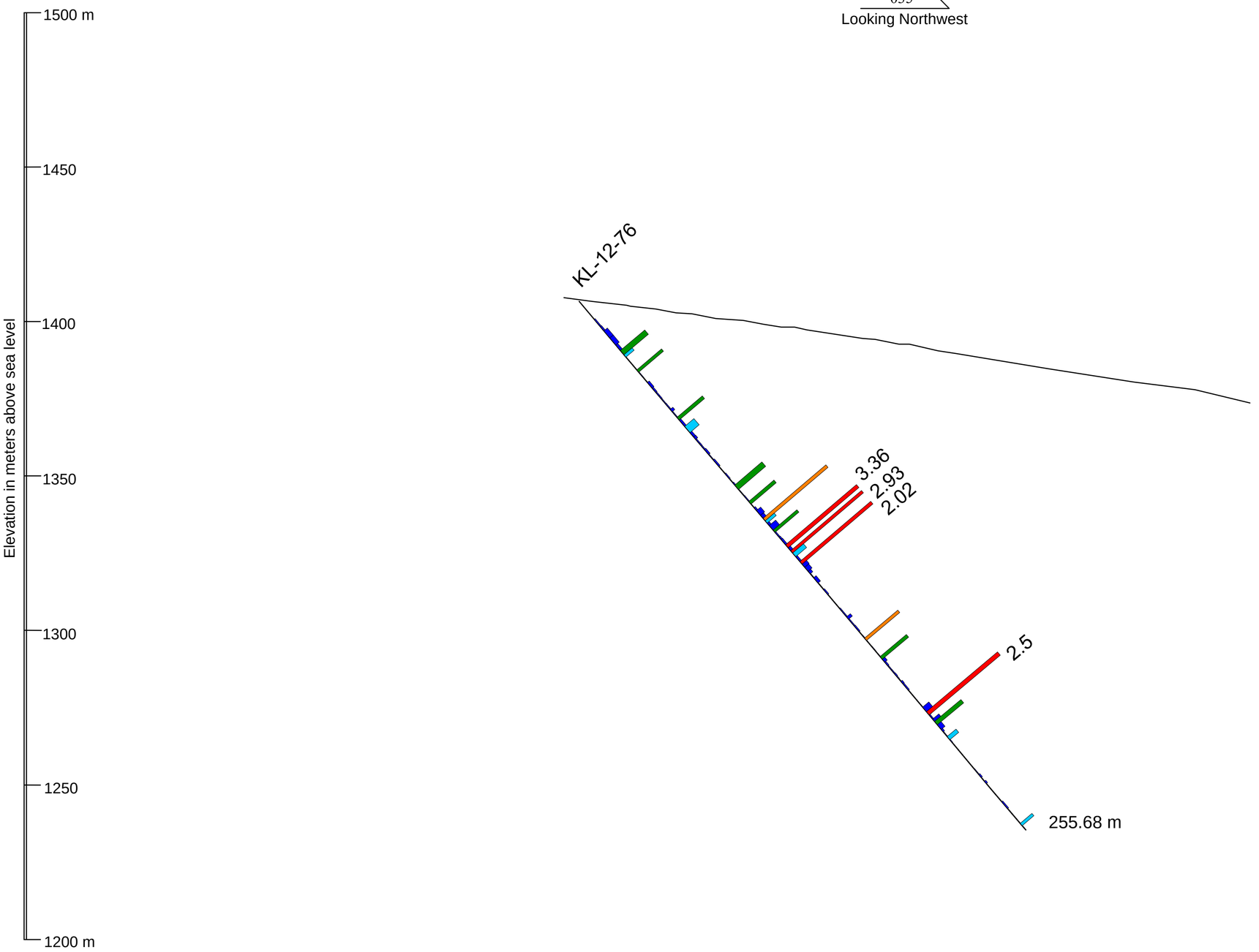
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+850 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 34B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+850 mE

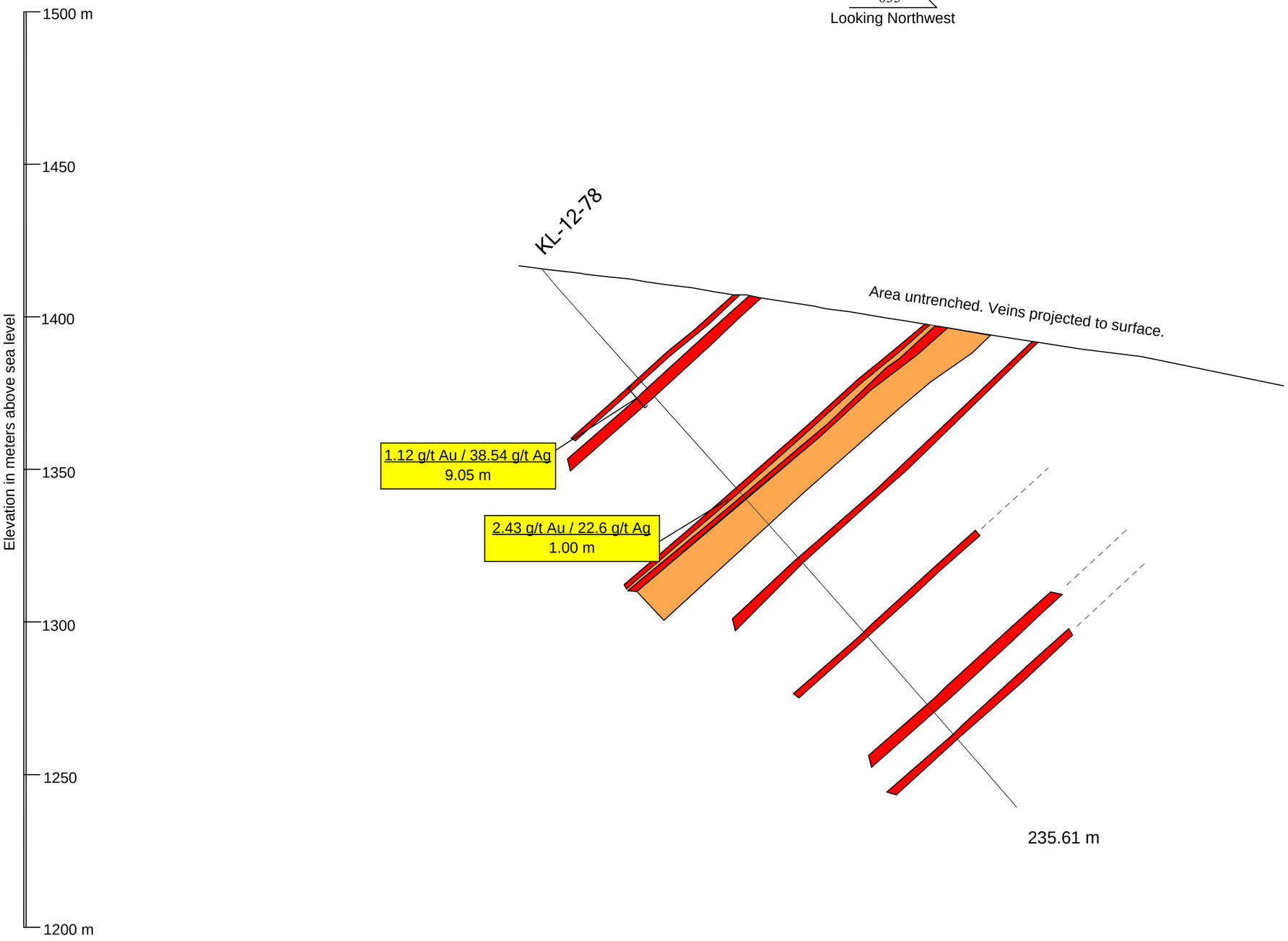
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 10+900 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 35A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+900 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

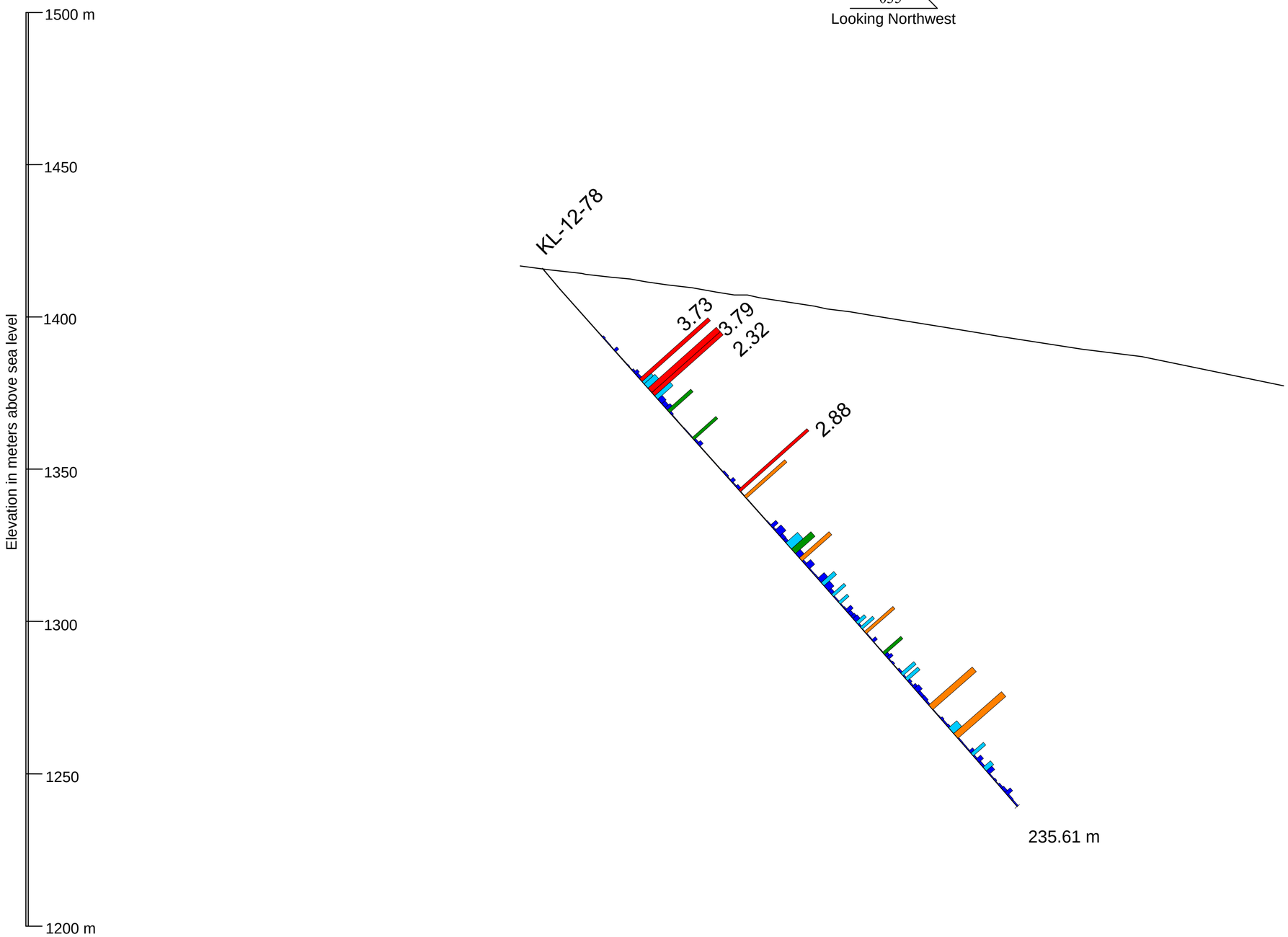
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+900 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 35B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+900 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report	DATE: MAY 2013

KL 10+950 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-77

Area untrenched. Veins projected to surface.

14.65 g/t Au / 392 g/t Ag
1.00 m

215.49 m

1.39 g/t Au / 16.07 g/t Ag
6.22 m

ROCKHAVEN RESOURCES LTD.

FIGURE 36A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
KL 10+950 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

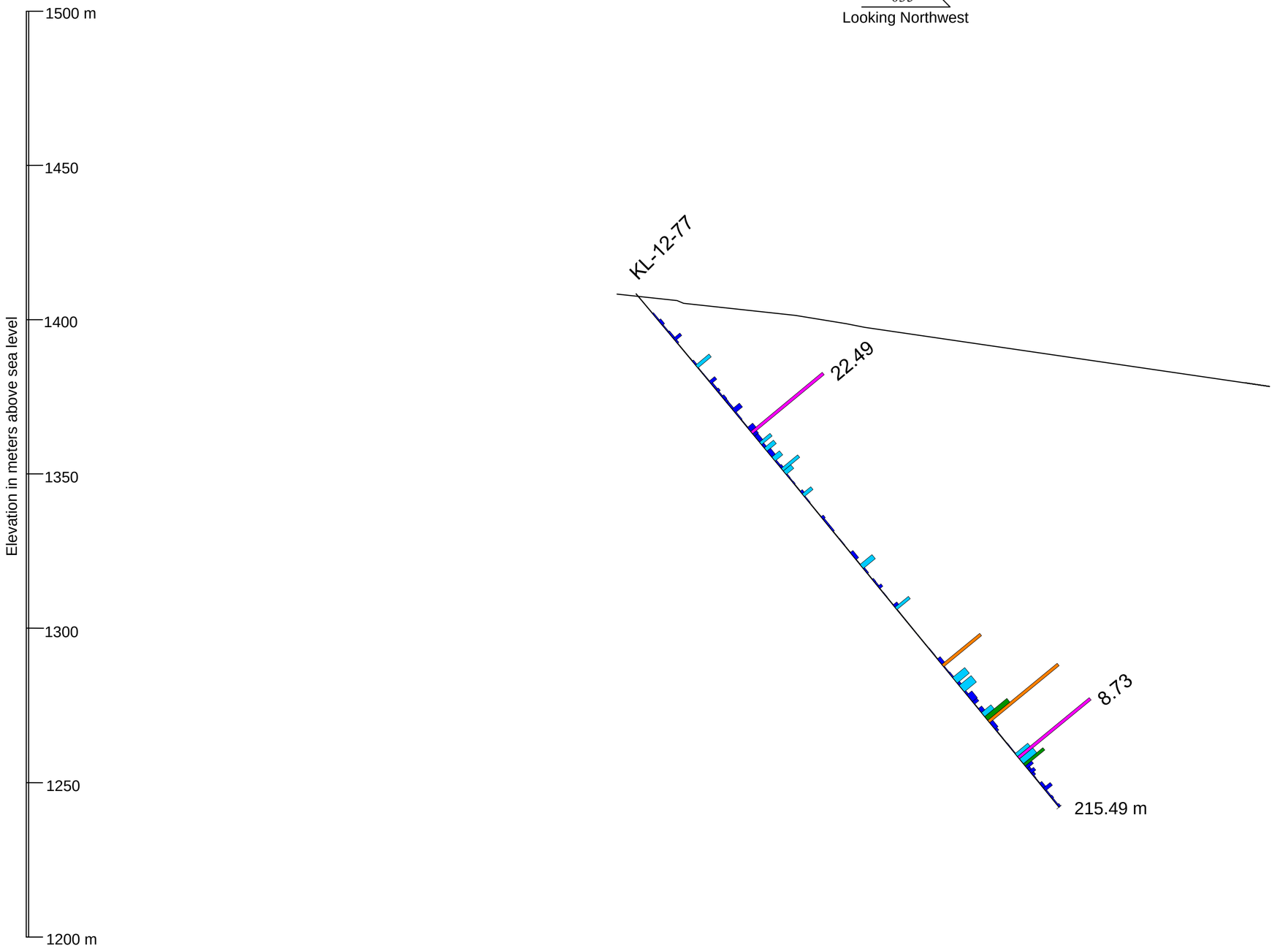
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 10+950 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 36B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 10+950 mE

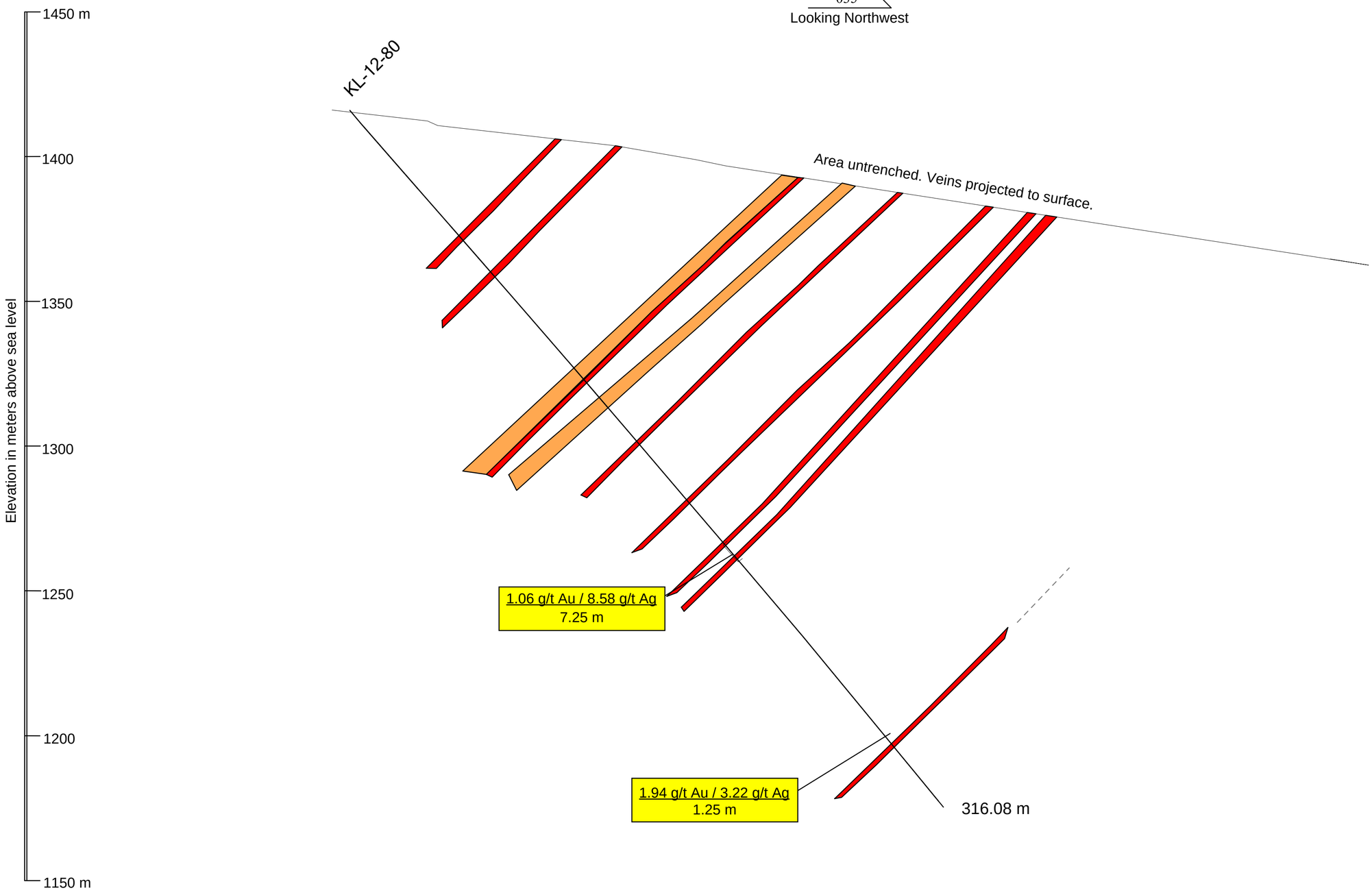
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 11+000 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 37A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+000 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

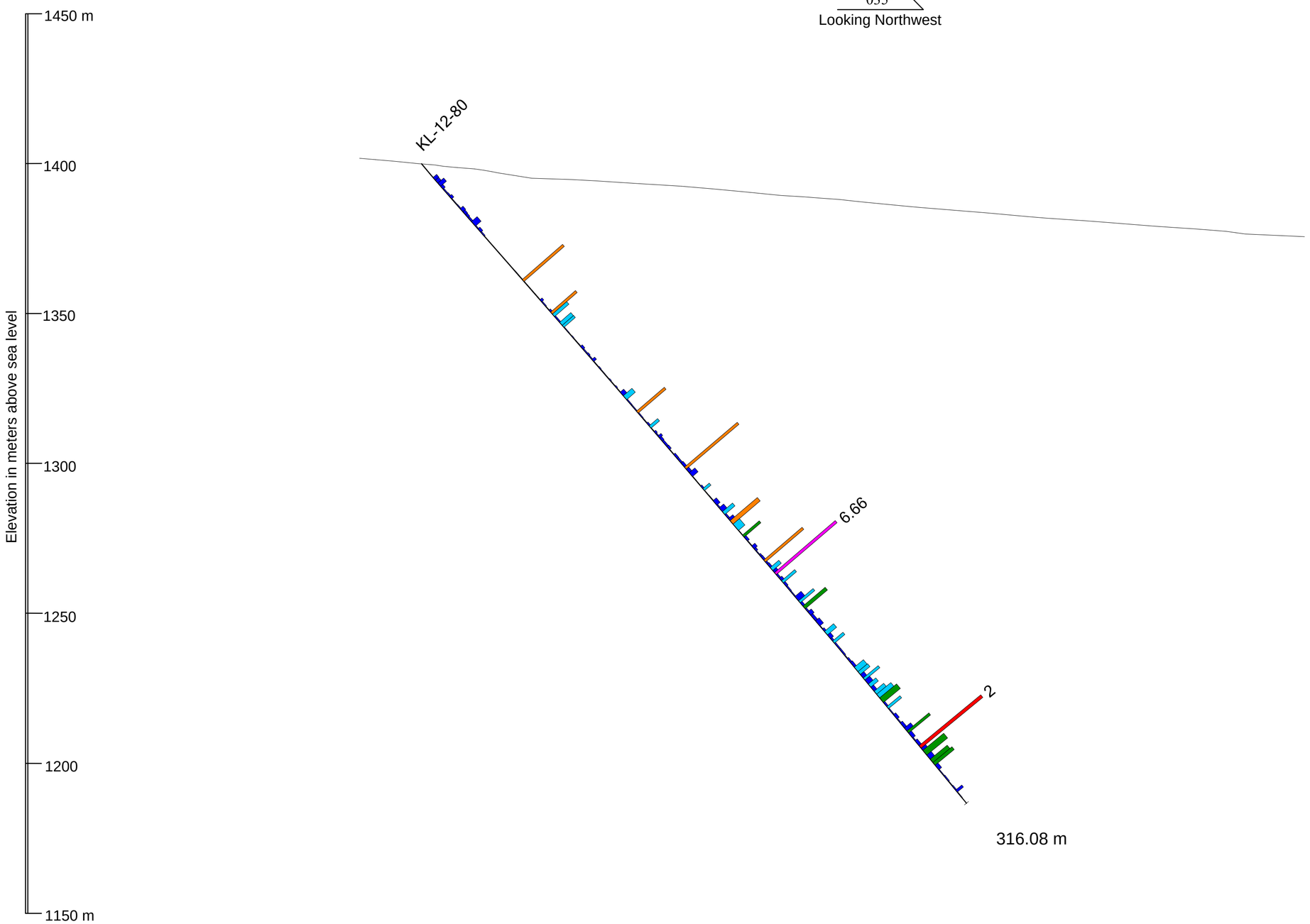
Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 11+000 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 37B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+000 mE

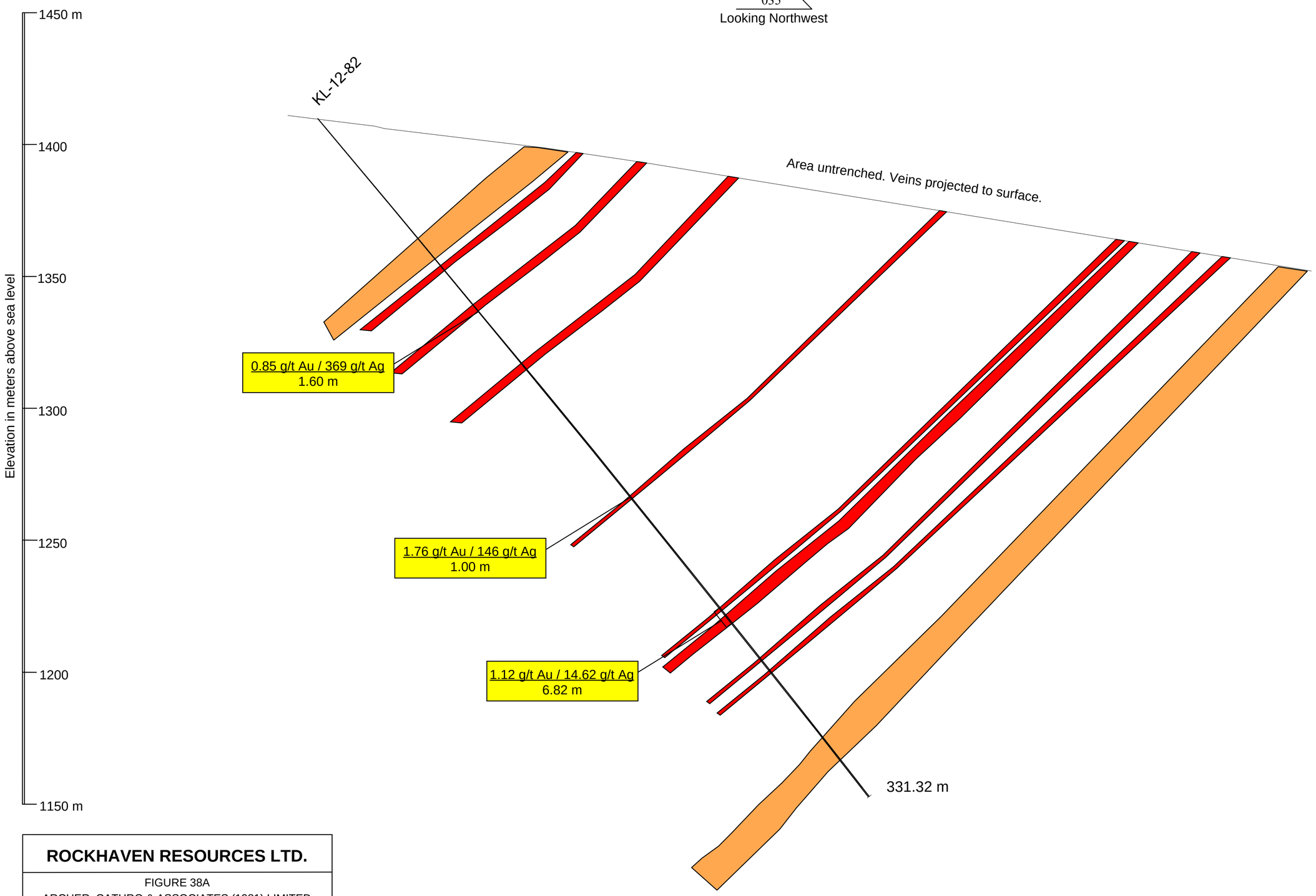
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 11+050 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 38A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+050 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

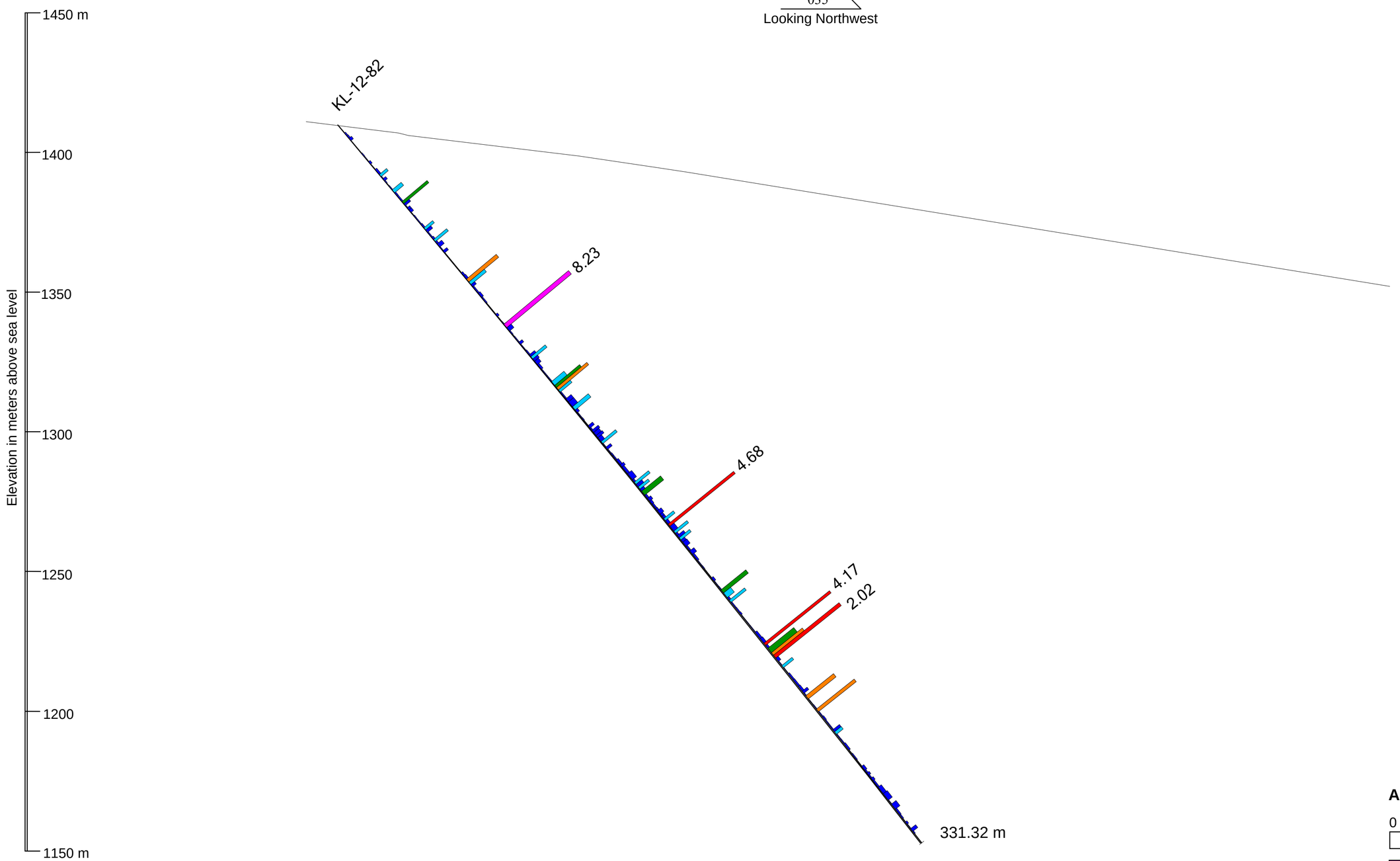
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 11+050 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 38B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+050 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 11+100 mE

035°
Looking Northwest

KL-12-110

Area untrenched. Veins projected to surface.

1.71 g/t Au / 10.53 g/t Ag
6.41 m

1.39 g/t Au / 7.64 g/t Ag
1.23 m

1.96 g/t Au / 8.46 g/t Ag
1.00 m

4.81 g/t Au / 39.1 g/t Ag
1.11 m

1.22 g/t Au / 156 g/t Ag
1.02 m

0.72 g/t Au / 33.6 g/t Ag
1.00 m

1.26 g/t Au / 3.97 g/t Ag
1.00 m

1.67 g/t Au / 6.1 g/t Ag
1.00 m

1.55 g/t Au / 40.2 g/t Ag
1.01 m

1.50 g/t Au / 2.76 g/t Ag
1.59 m

1.40 g/t Au / 2.77 g/t Ag
1.11 m

3.18 g/t Au / 1.67 g/t Ag
2.37 m

395.33 m

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

ROCKHAVEN RESOURCES LTD.

FIGURE 39A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

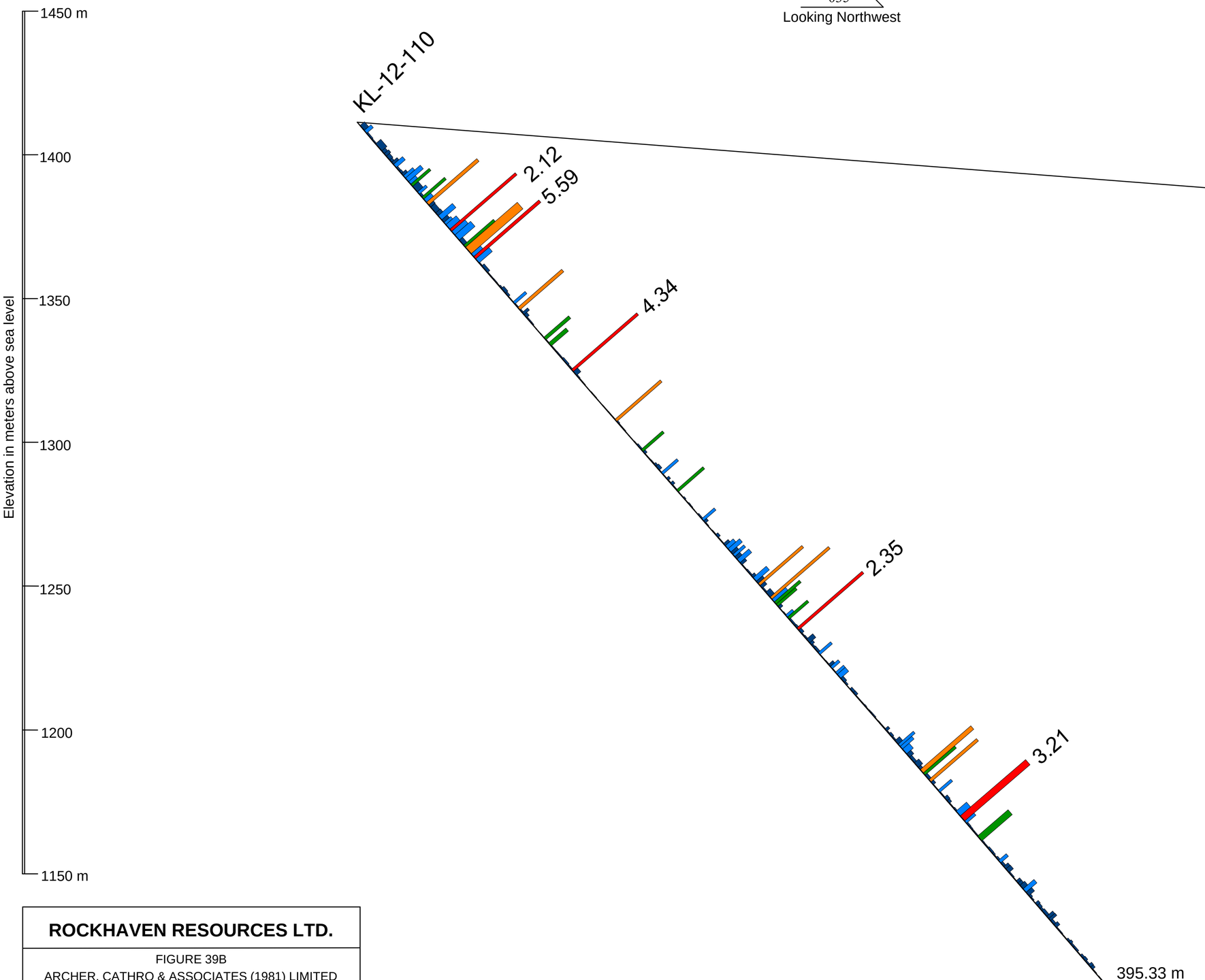
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 11+100 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 39B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 11+150 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-116

Area untrenched. Veins projected to surface.

2.56 g/t Au / 2.31 g/t Ag
1.00 m

2.15 g/t Au 8.35 g/t Ag
1.13 m

3.81 g/t Au / 6.60 g/t Ag
1.05 m

438.91 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 40A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+150 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

KL 11+150 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-116

2.61
2.32
3.94
1.99

438.91 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 40B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+150 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

KL 11+200 mE

KL-12-121

1.69 g/t Au / 2.08 g/t Ag
8.45 m

0.79 g/t Au / 17.3 g/t Ag
4.46 m

1.07g/t Au / 30.5 g/t Ag
1.73 m

035°
Looking Northwest

Area untrenched. Veins projected to surface.

1.43 g/t Au / 2.69 g/t Ag
18.03 m

514.20 m

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

ROCKHAVEN RESOURCES LTD.

FIGURE 41A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+200 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL 11+200 mE

KL-12-121

035°

Looking Northwest

1400 m

1350

1300

1250

1200

1150

1100 m

Elevation in meters above sea level

5.54

3.97

514.20 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2

≥ 2.0 < 5.0

≥ 1.0 < 2.0

≥ 0.5 < 1.0

≥ 0.2 < 0.5

≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 41B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KL 11+200 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+100 mE

035°
Looking Northwest

1300 m
1250
1200
1150
1100
1050
1000 m

Elevation in meters above sea level

KL-12-74

Area untrenched. Veins projected to surface.

3.75 g/t Au / 0.05 g/t Ag
2.06 m

4.85 g/t Au / 35.7 g/t Ag
1.00 m

BRX Zone

377.04 m

ROCKHAVEN RESOURCES LTD.

FIGURE 42A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 9+100 mE

035°
Looking Northwest

1300 m
1250
1200
1150
1100
1050
1000 m

Elevation in meters above sea level

KL-12-74

Area untrenched. Veins projected to surface.

5.56

3.75

377.04 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 42A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1300 m
1250
1200
1150
1100
1050 m

KL-12-96
KL-11-39

Area untrenched. Veins projected to surface.

23.5 g/t Au / 239 g/t Ag
1.65 m

25.1 g/t Au / 621 g/t Ag
2.32 m

10.55 g/t Au / 92.7 g/t Ag
2.90 m

5.78 g/t Au / 111 g/t Ag
15.62 m

258.17 m

389.23 m

BRX Zone

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 43A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+200 mE

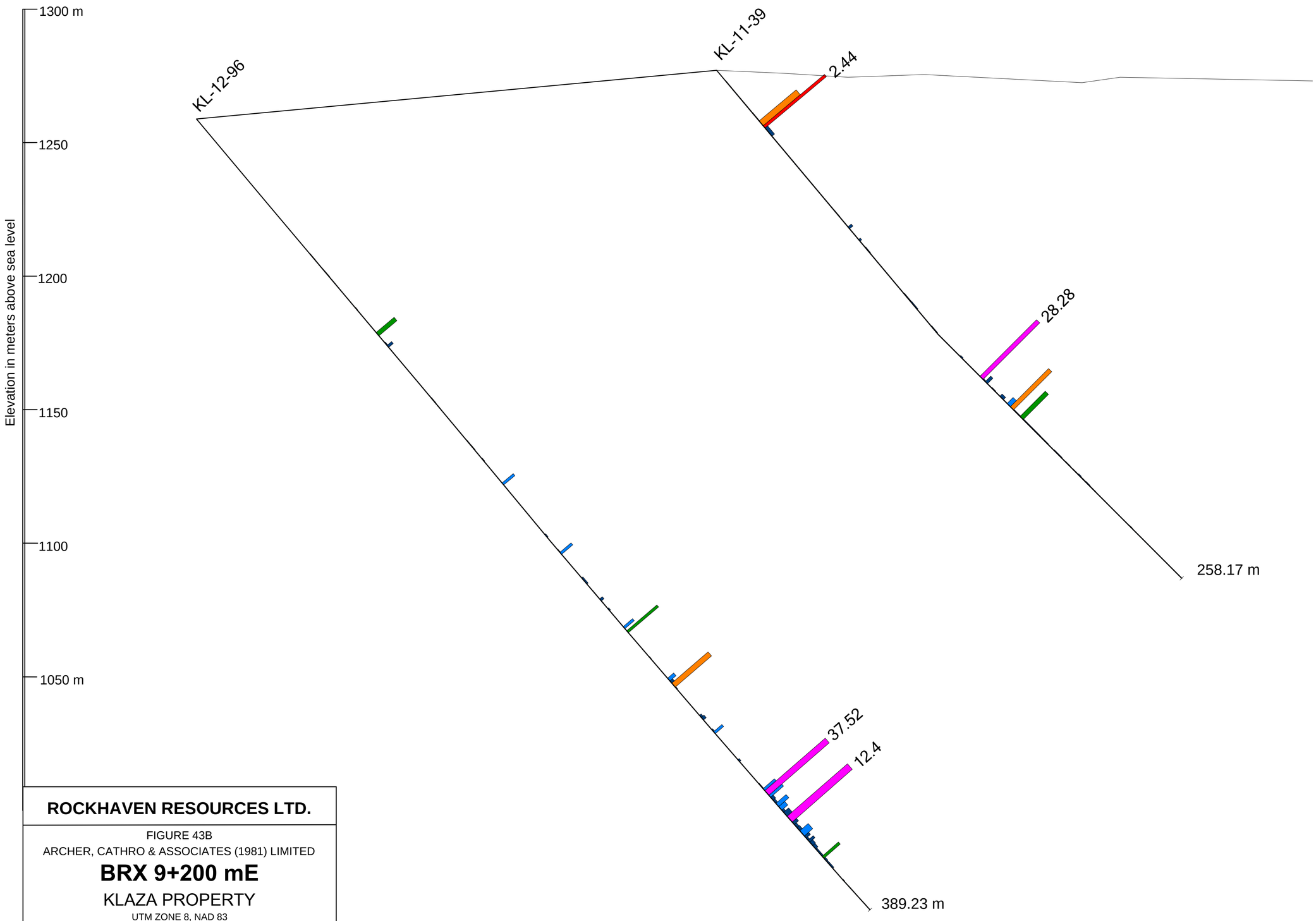
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+200 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 43B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+200 mE

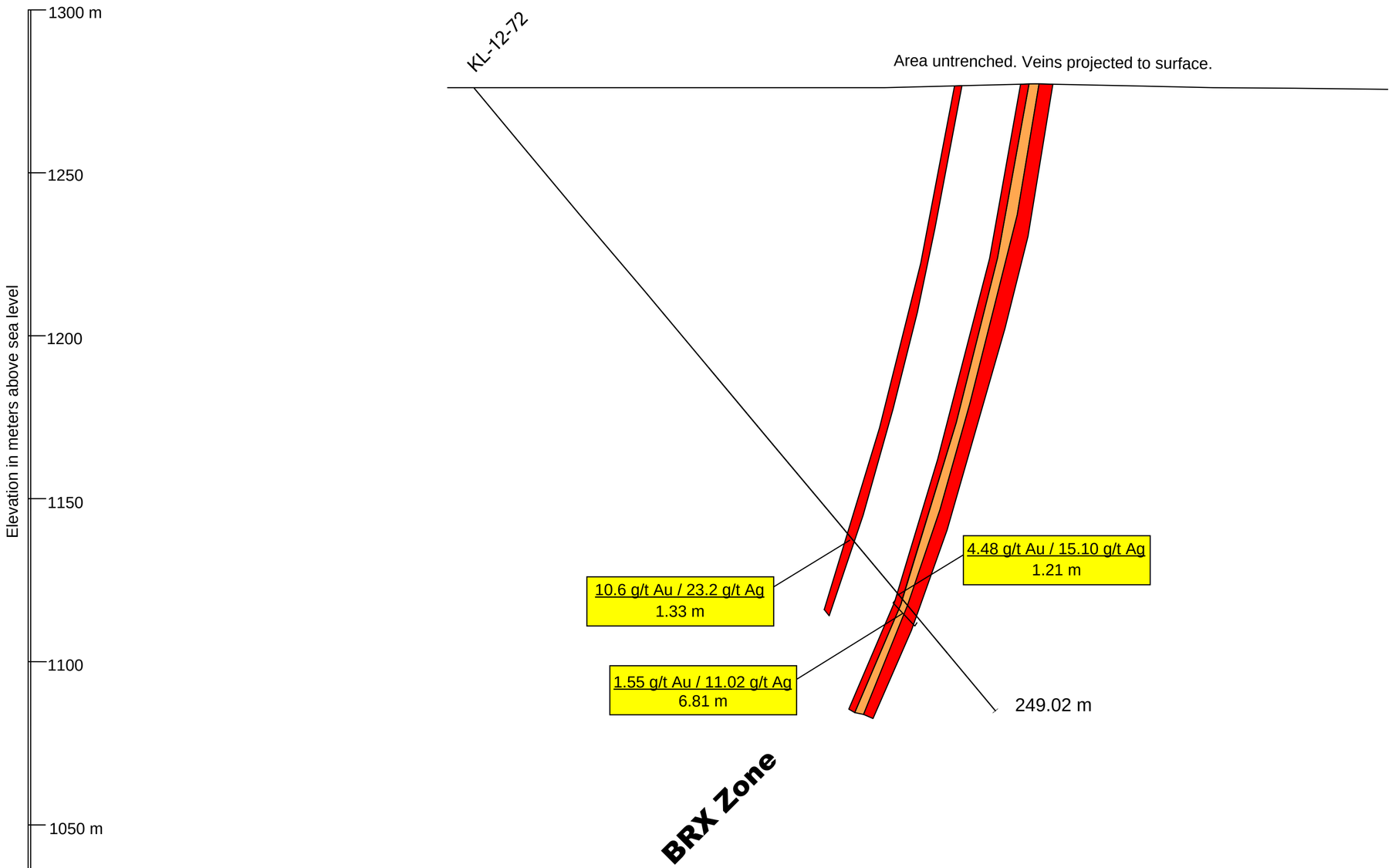
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+300 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 44A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

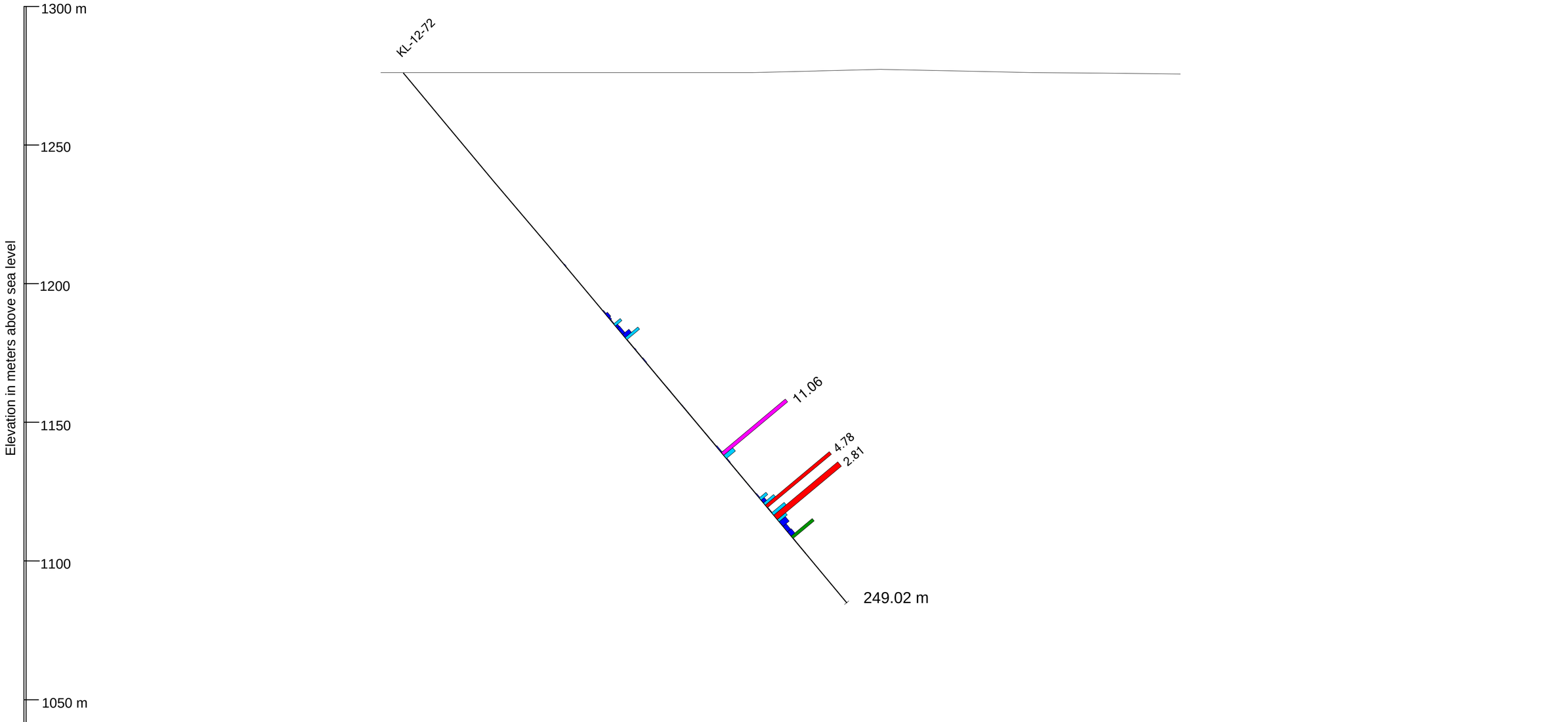
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 9+300 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 44B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+400 mE

035°
Looking Northwest

KL-12-84

KL-11-37

Area untrenched. Veins projected to surface.

5.43 g/t Au / 50 g/t Ag
14.80 m

149.35 m

BRX Zone

486.77 m

Elevation in meters above sea level

1300 m
1250
1200
1150
1100
1050
1000 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 45A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+400 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+400 mE

035°
Looking Northwest

KL-12-84

KL-11-37

13.71
39.96
15.04

149.35 m

486.77 m

Elevation in meters above sea level

1300 m
1250
1200
1150
1100
1050
1000 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 45B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+400 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-69

Area untrenched. Veins projected to surface.

3.23 g/t Au / 58.88 g/t Ag
4.42 m

221.59 m

1.67 g/t Au / 28.84 g/t Ag
9.40 m

BRX Zone

ROCKHAVEN RESOURCES LTD.

FIGURE 46B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+500 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

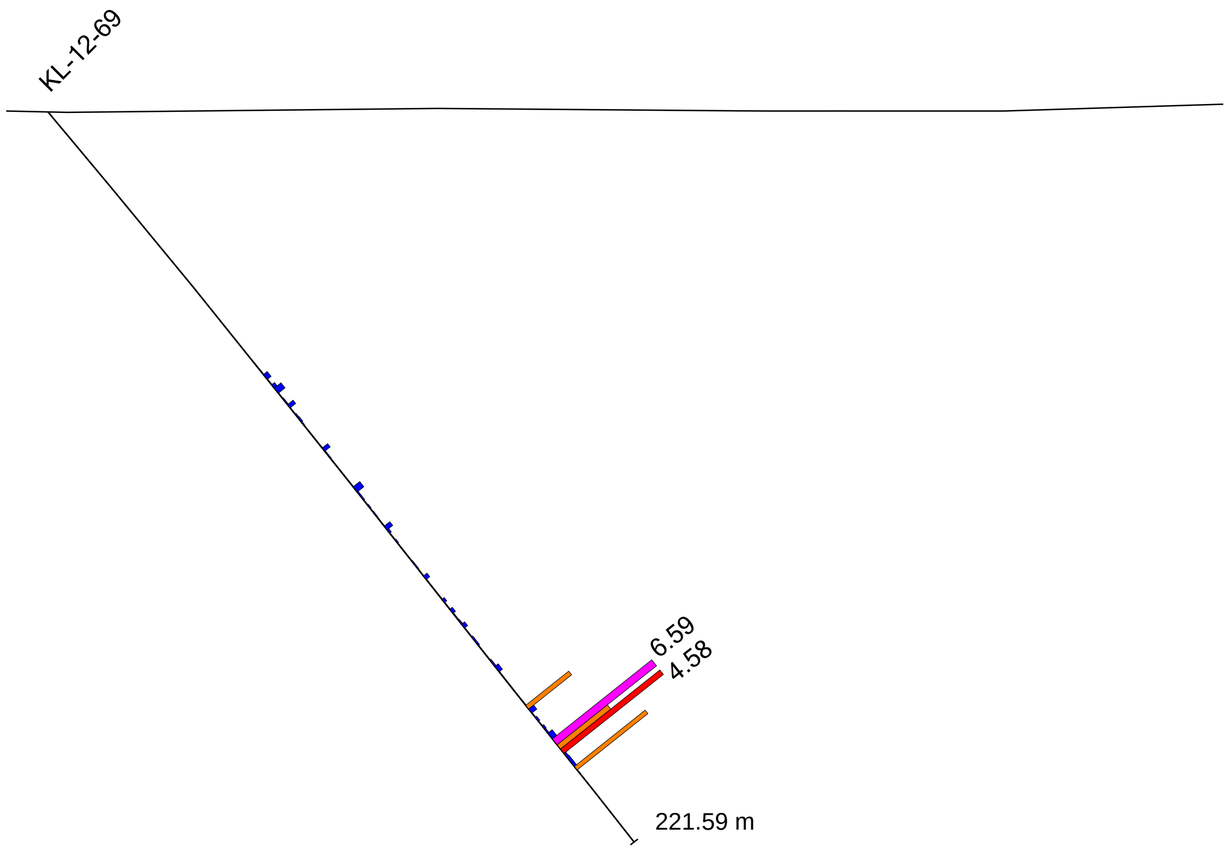
*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 9+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1300 m
1250
1200
1150
1100
1050
1000 m



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

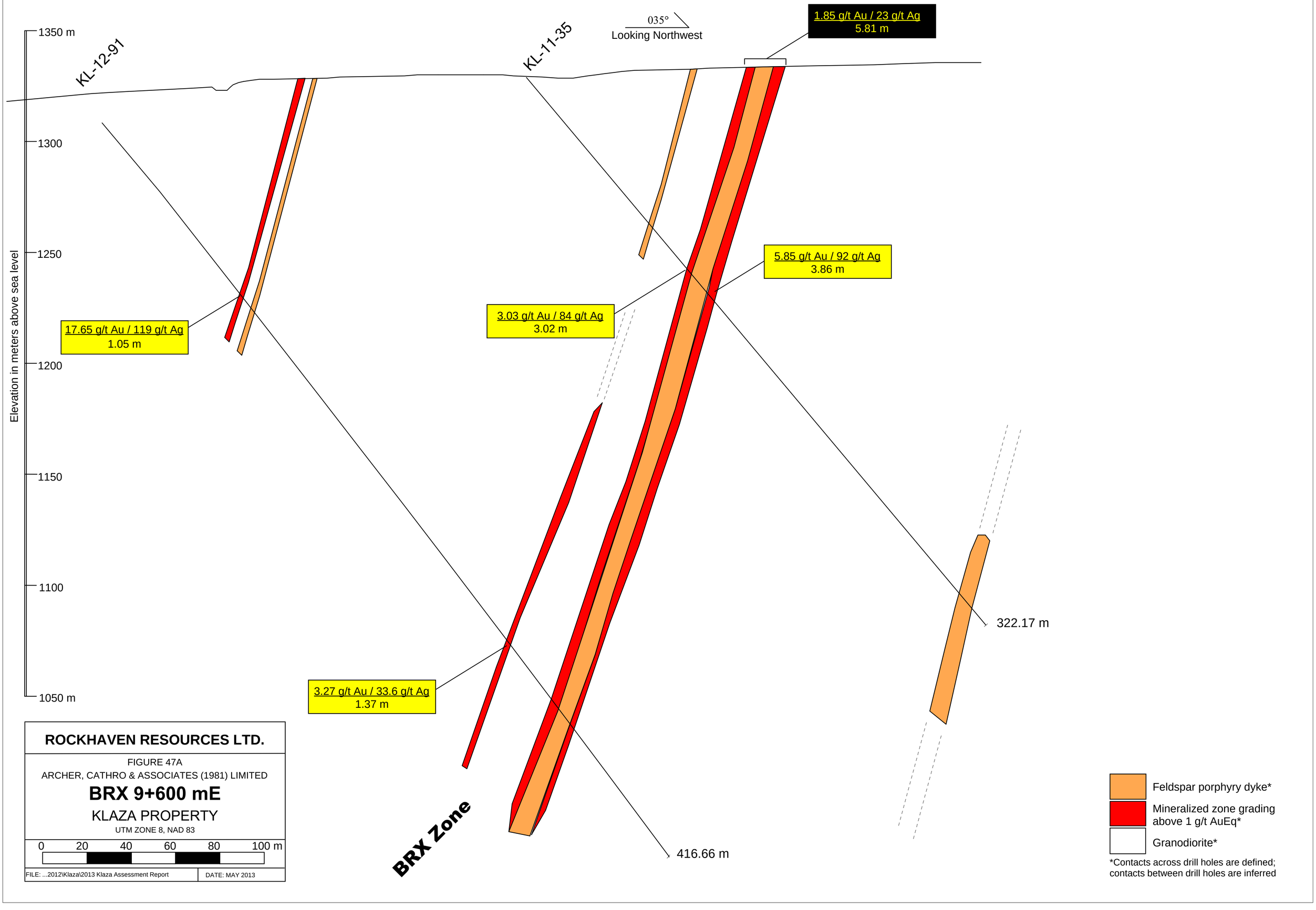
ROCKHAVEN RESOURCES LTD.

FIGURE 46B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BRX 9+500 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+600 mE



ROCKHAVEN RESOURCES LTD.

FIGURE 47A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+600 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+600 mE

035°
Looking Northwest

KL-12-91

KL-11-35

1350 m
1300
1250
1200
1150
1100
1050 m

Elevation in meters above sea level

20.03

3.94

4.71

5.01

10.06

322.17 m

416.66 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 47B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+600 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+700 mE

KL-12-135

KL-12-88

035°
Looking Northwest

Area untrenched. Veins projected to surface.

Elevation in meters above sea level

1300 m

1250

1200

1150

1100

1050 m

AEX Zone

1.125 g/t Au / 67.9 g/t Ag
2.09 m

4.64 g/t Au / 181 g/t Ag
2.58 m

267.31 m

BRX Zone

2.81 g/t Au / 84.1 g/t Ag
3.64 m

497.74 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 48A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+700 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+700 mE

KL-12-135

KL-12-88

035°
Looking Northwest

Elevation in meters above sea level

1300 m
1250
1200
1150
1100
1050 m

3.95

8.26

2.48

267.31 m

9.81

497.74 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 48B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+800 mE

035°
Looking Northwest

1400 m
1350
1300
1250
1200
1150
1100 m

Elevation in meters above sea level

KL-12-102

KL-11-33

Area untrenched. Veins projected to surface.

5.51 g/t Au / 180 g/t Ag
1.34 m

175.87 m

1.75 g/t Au / 209 g/t Ag
1.51 m

0.31 g/t Au / 40.5 g/t Ag
11.27 m

334.37 m

BRX Zone

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 49A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+800 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 9+800 mE

035°
Looking Northwest

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

KL-12-102
KL-11-33
9.11
175.87 m
5.93
2.15
334.37 m

BRX Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

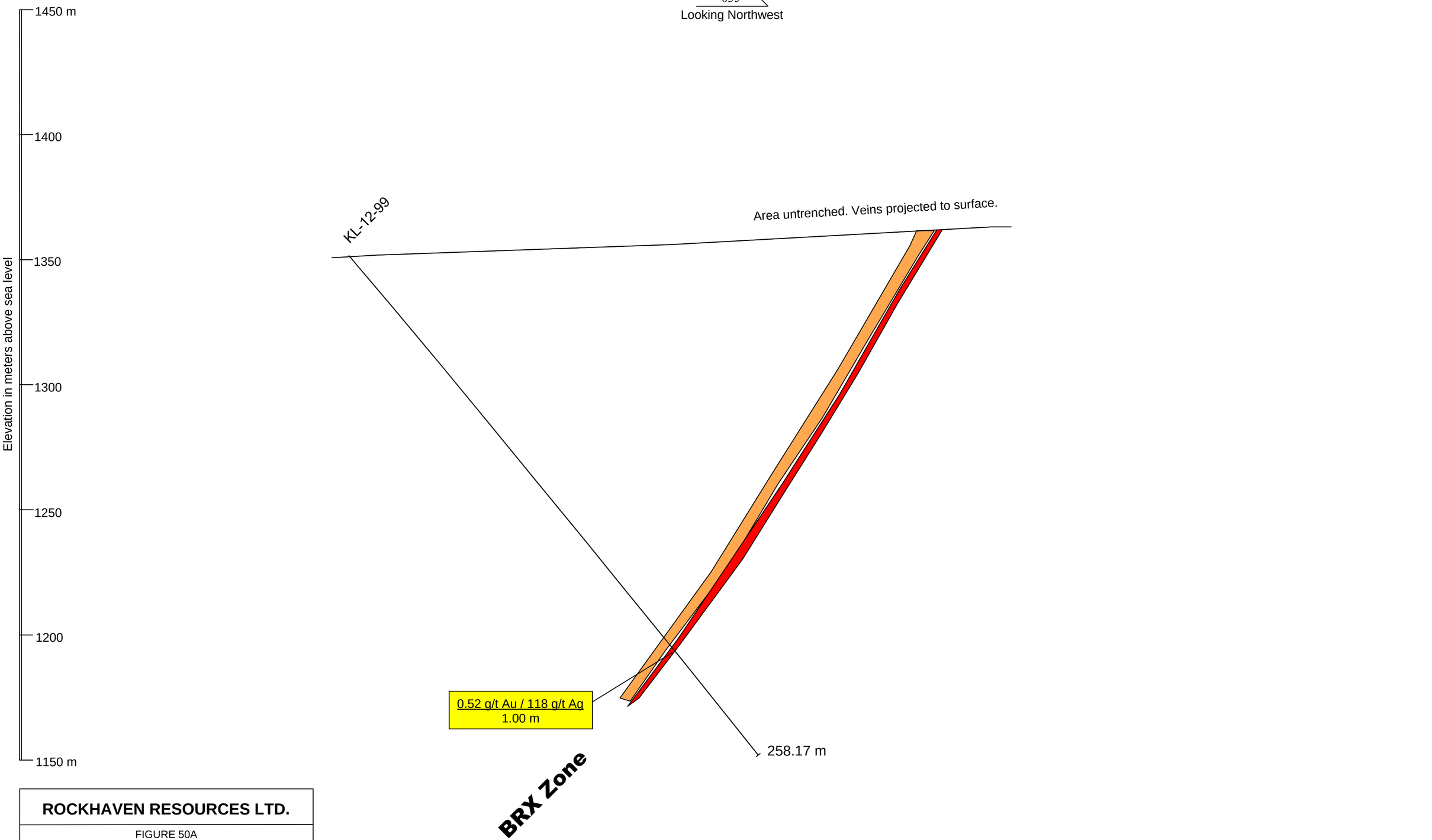
FIGURE 49B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BRX 9+800 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 9+900 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 50A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+900 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 9+900 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-99

2.88

258.17 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 31.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 50B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 9+900 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+000 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-109
KL-11-30
AEX Zone
96.01 m
3.57 g/t Au / 283 g/t Ag
1.19 m
BRX Zone
325.22 m

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*
*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 51A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BRX 10+000 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report
DATE: MAY 2013

BRX 10+000 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-109
KL-11-30
AEX Zone
96.01 m
325.22 m
BRX Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 51B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+000 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+100 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-105

Area untrenched. Veins projected to surface.

1.62 g/t Au / 286 g/t Ag
1.65 m

242.93 m

BRX Zone

ROCKHAVEN RESOURCES LTD.

FIGURE 52A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

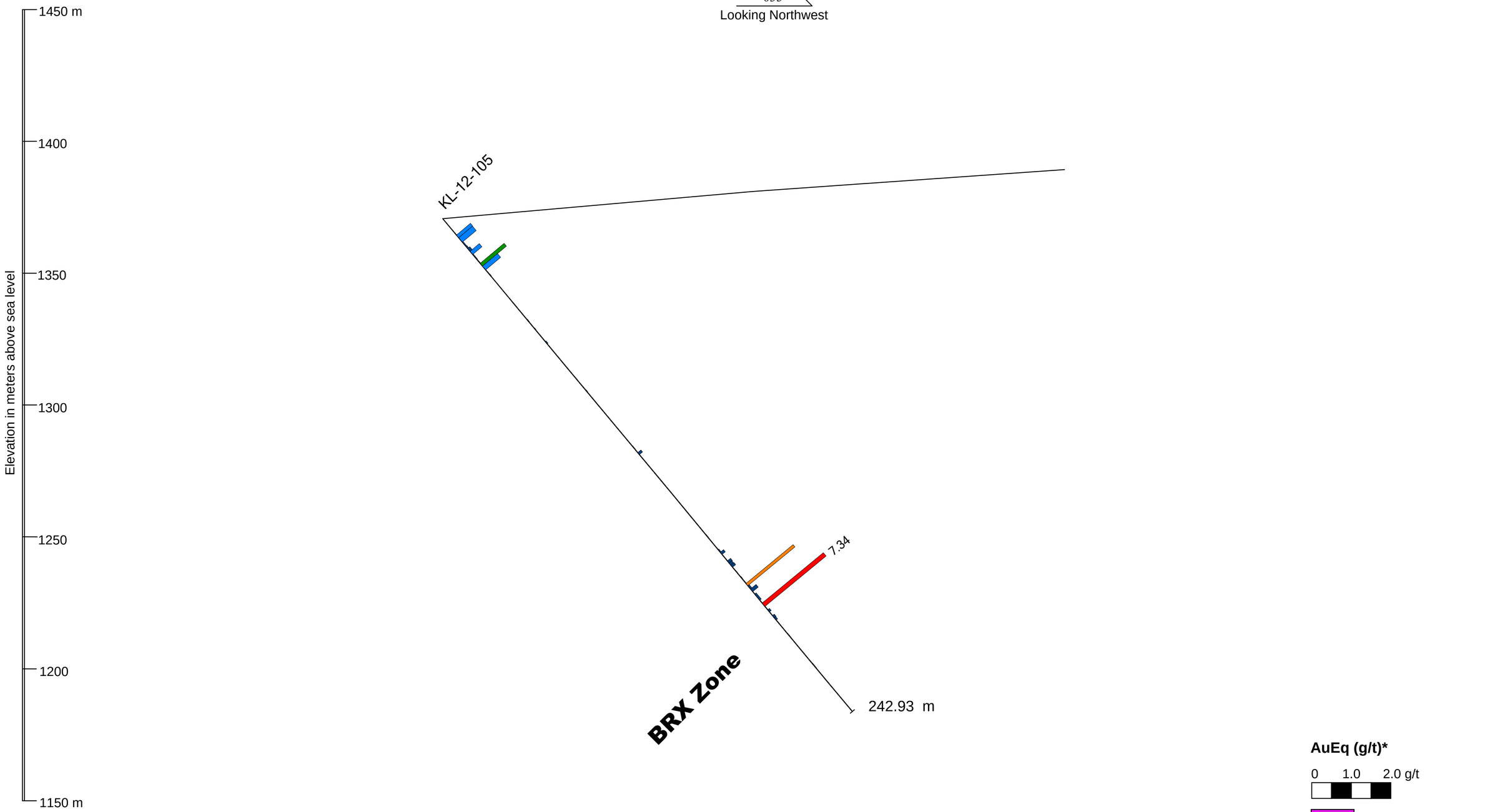
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+100 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 52B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-112
KL-11-23
KL-11-22

4.01 g/t Au / 434.9 g/t Ag
4.01 m

102.72 m

3.99 g/t Au / 229 g/t Ag
1.55 m

136.25 m

AEX Zone

1.74 g/t Au / 167 g/t Ag
0.77 m

BRX Zone

328.27 m

ROCKHAVEN RESOURCES LTD.

FIGURE 53A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+200 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-112
KL-11-23
KL-11-22

5.41
2.2
4.23
8.57
5.08

102.72 m
136.25 m
328.27 m

AEX Zone
BRX Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 53B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+200 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

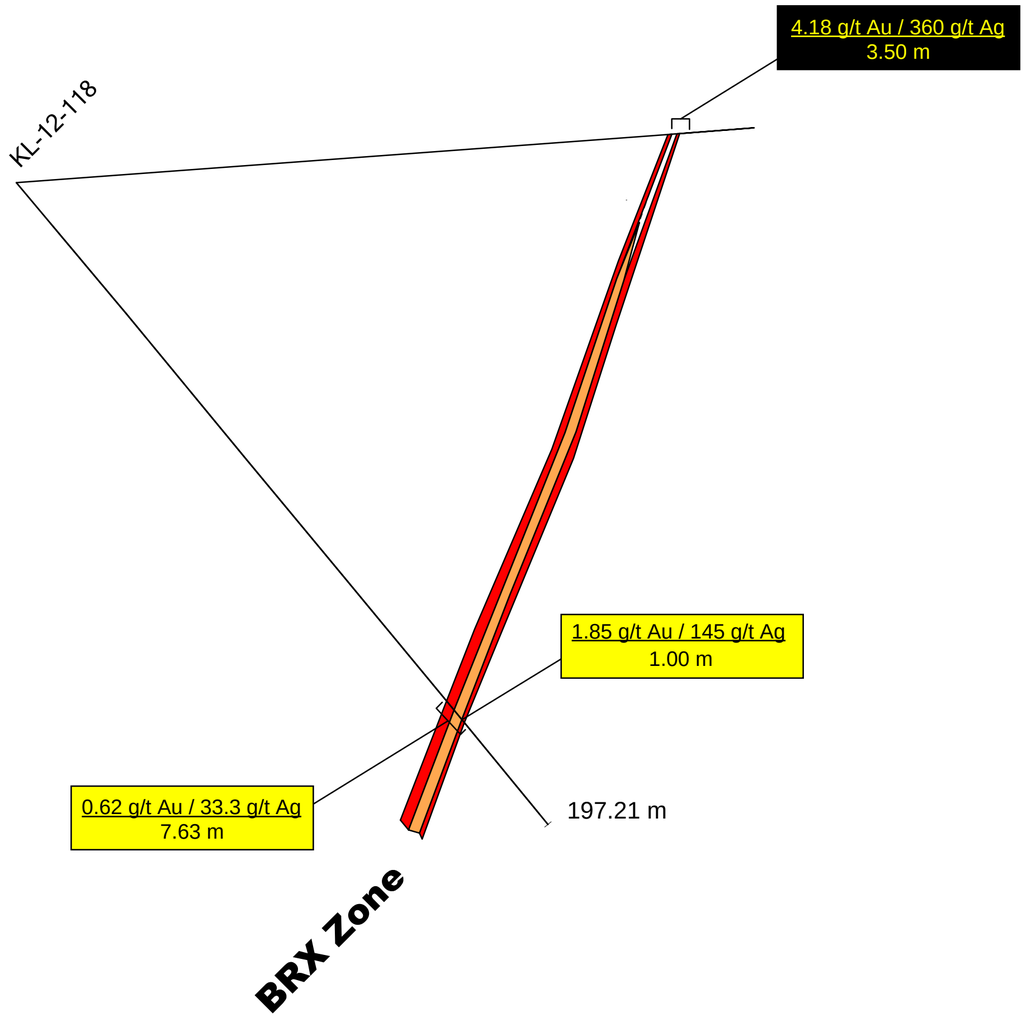
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+300 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m



ROCKHAVEN RESOURCES LTD.

FIGURE 54A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+300 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

197.21 m

BRX Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 54B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+300 mE

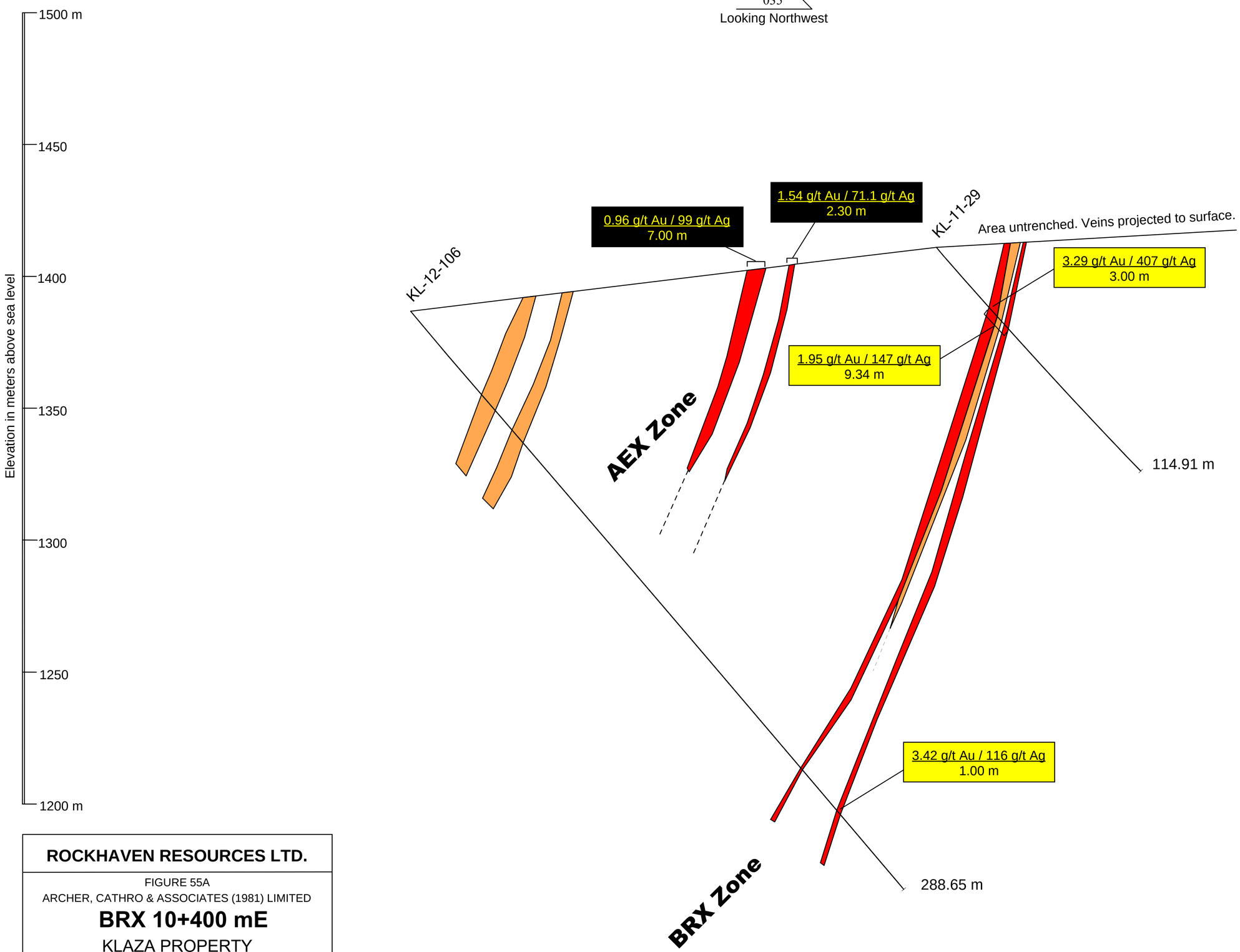
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+400 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 55A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+400 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

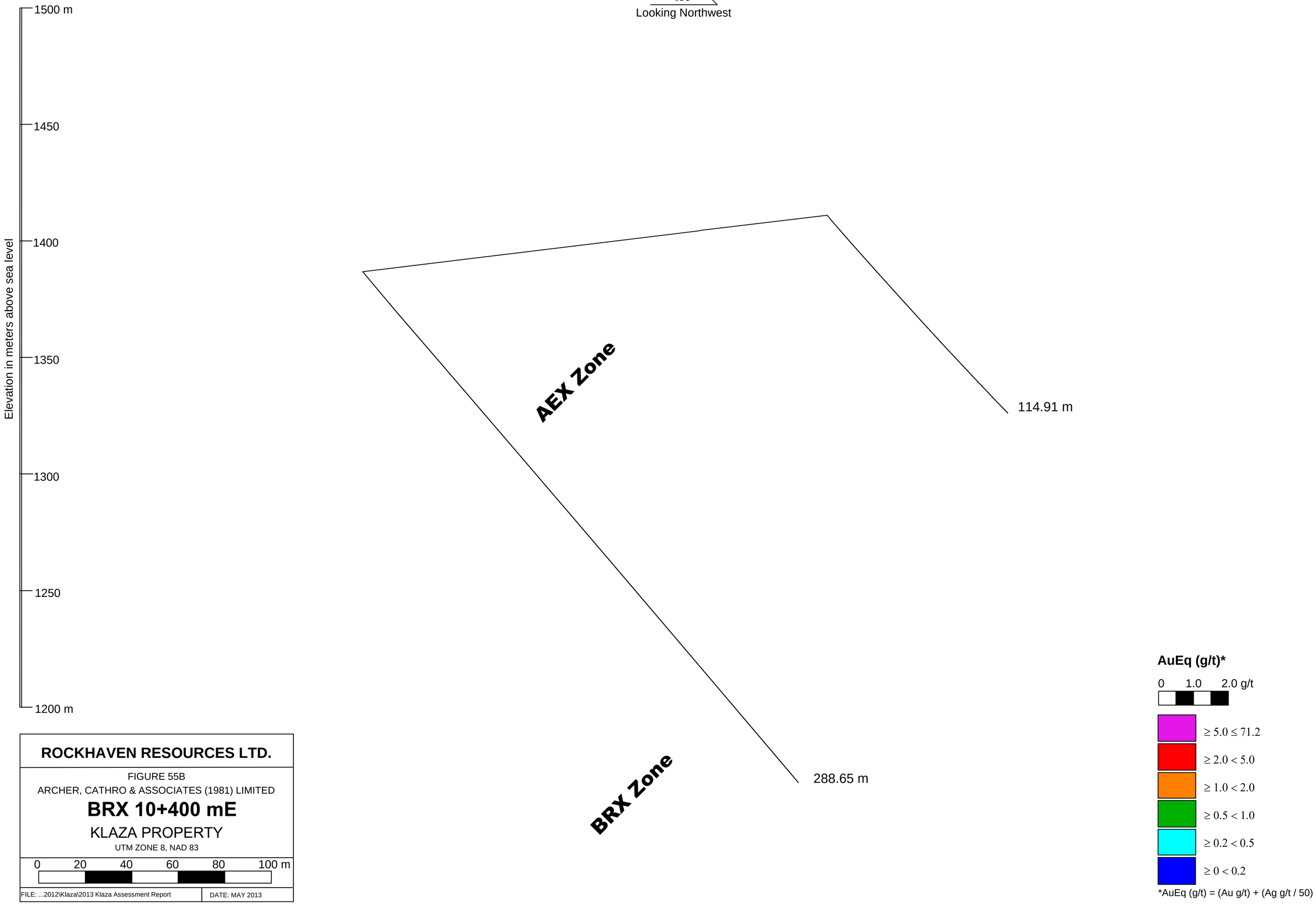
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+400 mE

035°
Looking Northwest



AuEq (g/t)*

0 1.0 2.0 g/t

- ≥ 5.0 ≤ 71.2
- ≥ 2.0 < 5.0
- ≥ 1.0 < 2.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 55B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+400 mE

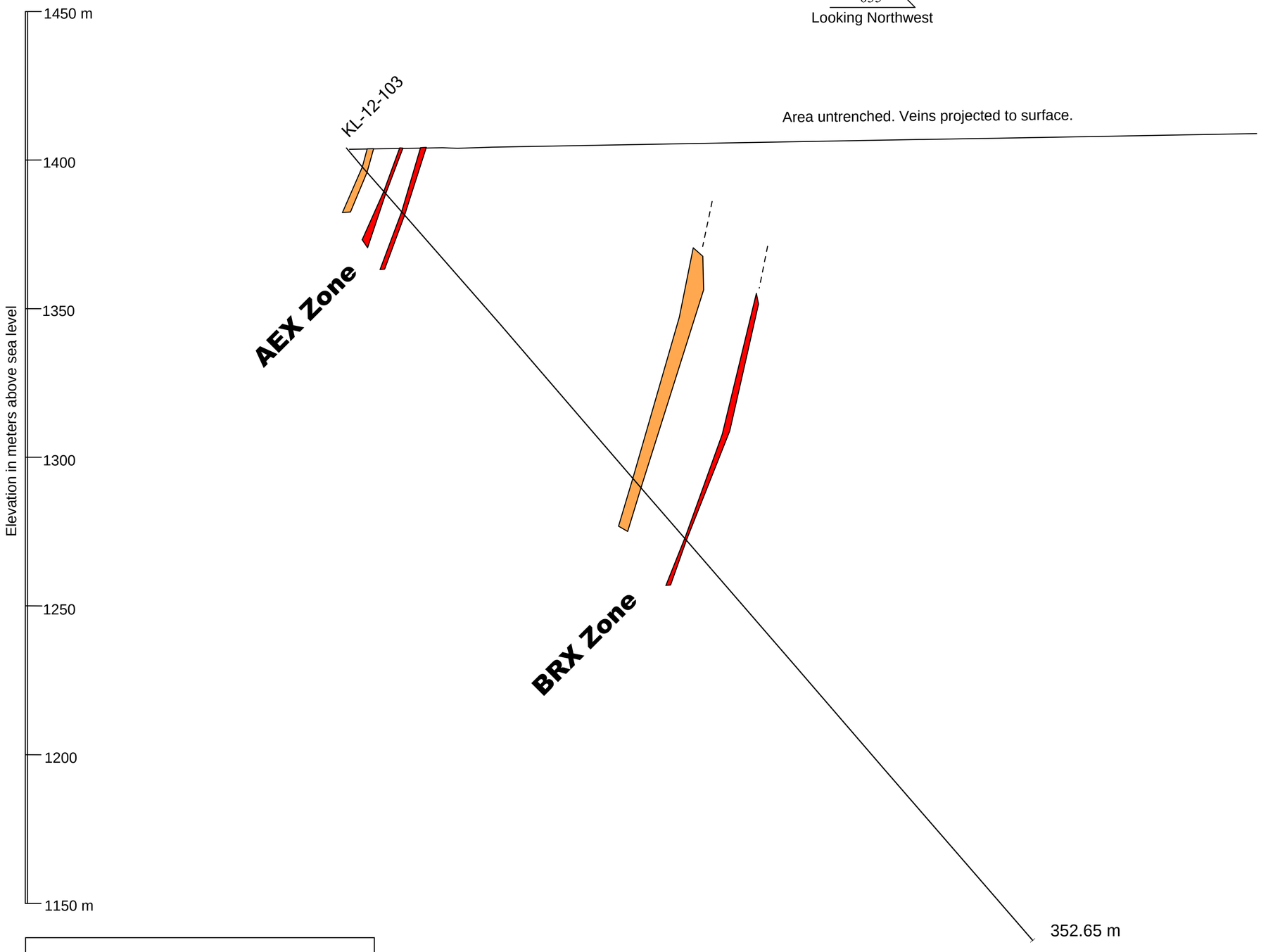
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+500 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 56A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+500 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-103
4-12
AEX Zone
BRX Zone
352.65 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 56B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+500 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+600 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-97
KL-11-24

1.35 g/t Au / 33.4 g/t Ag
14.50 m

1.93 g/t Au / 136.5 g/t Ag
7.80 m

Area untrenched. Veins projected to surface.

1.15 g/t Au / 5.54 g/t Ag
1.48 m

1.57 g/t Au / 4.26 g/t Ag
2.55 m

1.52 g/t Au / 31 g/t Ag
4.07 m

AEX Zone

13.05 g/t Au / 17.65 g/t Ag
1.31 m

1.71 g/t Au / 6.44 g/t Ag
11.59 m

BRX Zone

361.80 m

402.02 m

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 57A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+600 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

BRX 10+600 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-97
KL-11-24

3.11
2.21
4.59
6.9
13.4

AEX Zone
BRX Zone

402.02 m
361.80 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 57B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+600 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

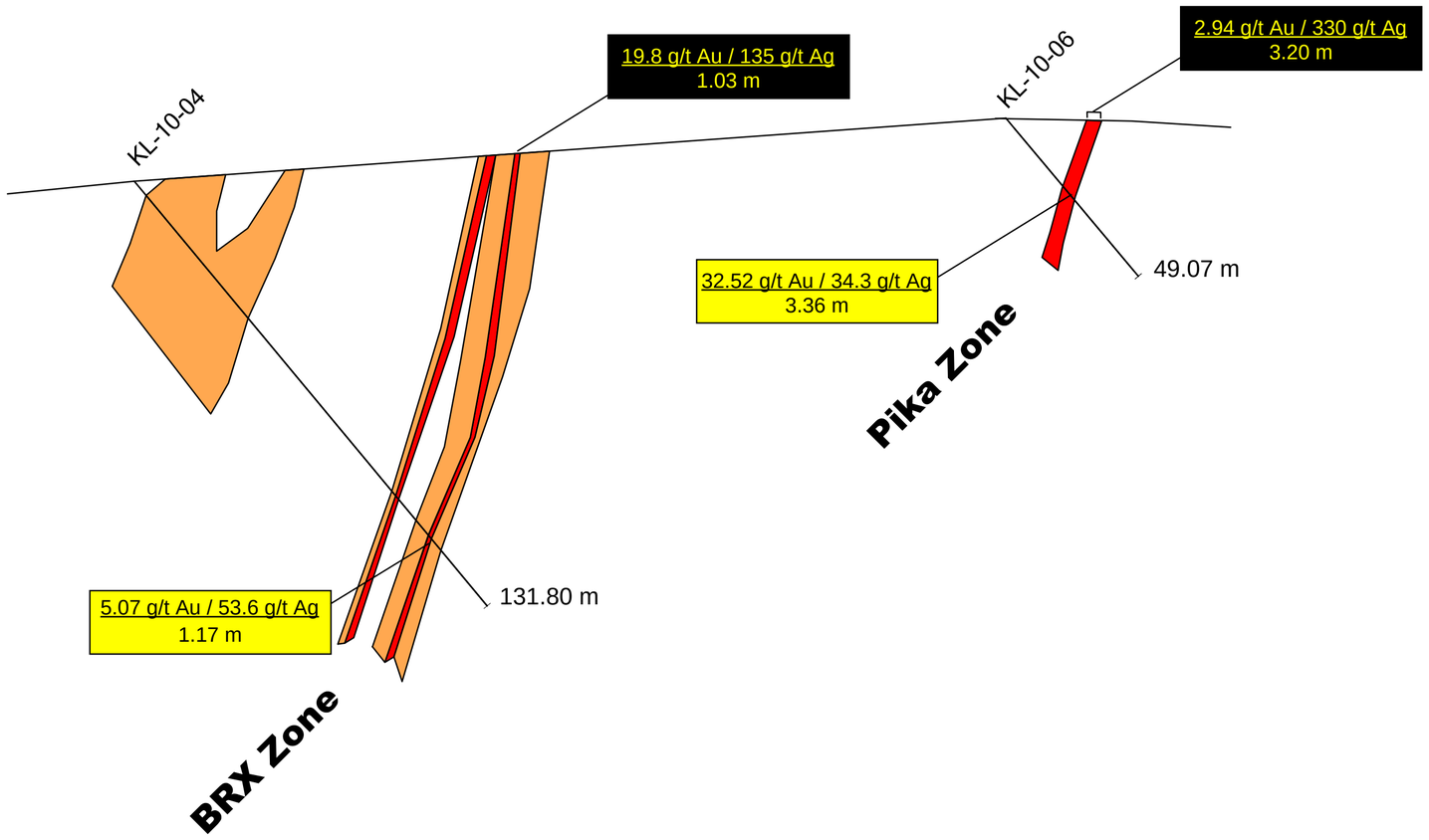
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+700 mE

035°
Looking Northwest

Elevation in meters above sea level

1550 m
1500
1450
1400
1350
1300
1250 m



ROCKHAVEN RESOURCES LTD.

FIGURE 58A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+700 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+700 mE

035°
Looking Northwest

1550 m
1500
1450
1400
1350
1300
1250 m

Elevation in meters above sea level

49.07 m

Pika Zone

131.80 m

BRX Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 58B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+700 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

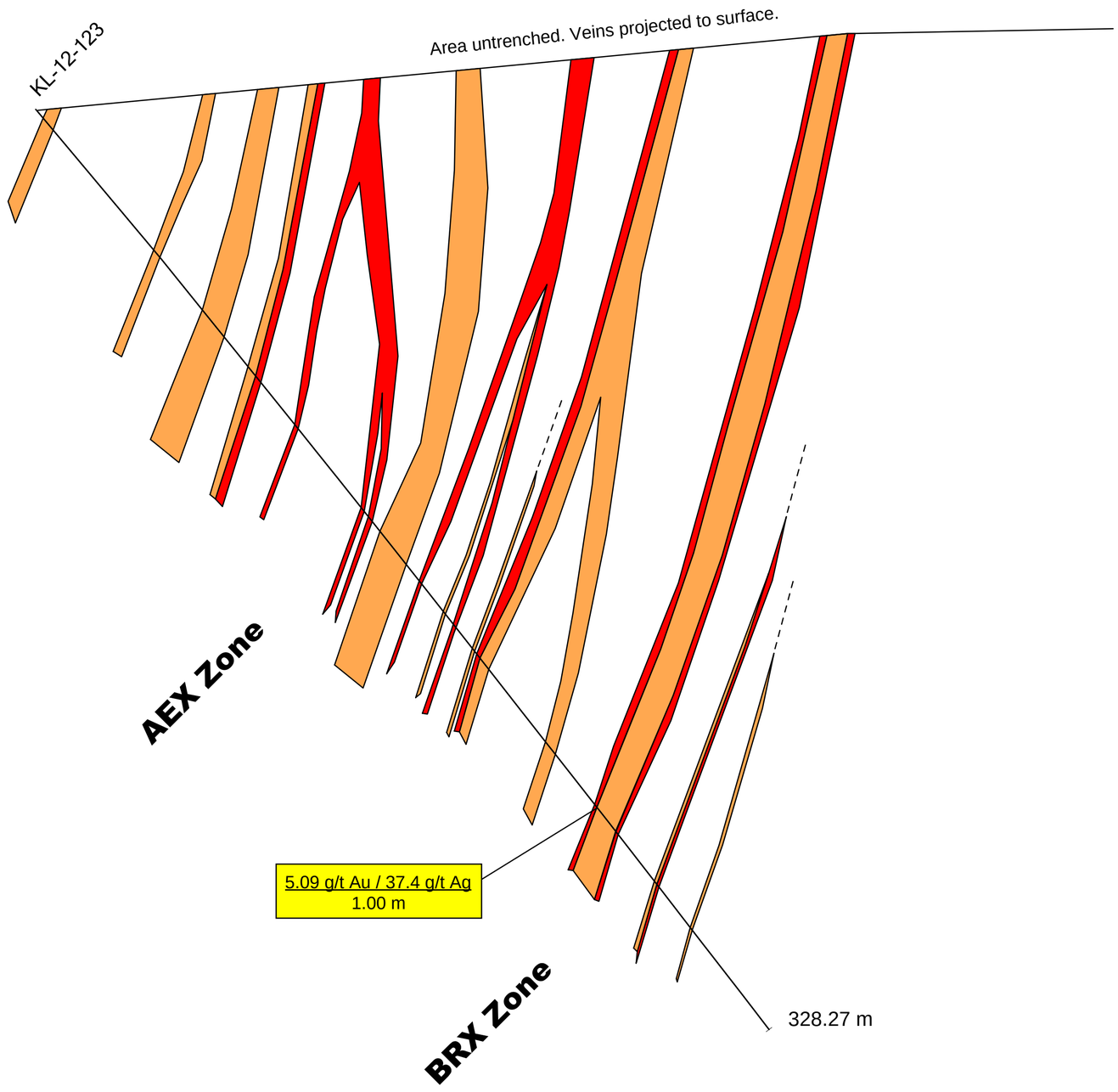
FILE: ...2012\Klaza\2013 Klaza Assessment Report	DATE: MAY 2013

BRX 10+800 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m



ROCKHAVEN RESOURCES LTD.

FIGURE 59A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+800 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+800 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

AEX Zone

BRX Zone

328.27 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 59B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

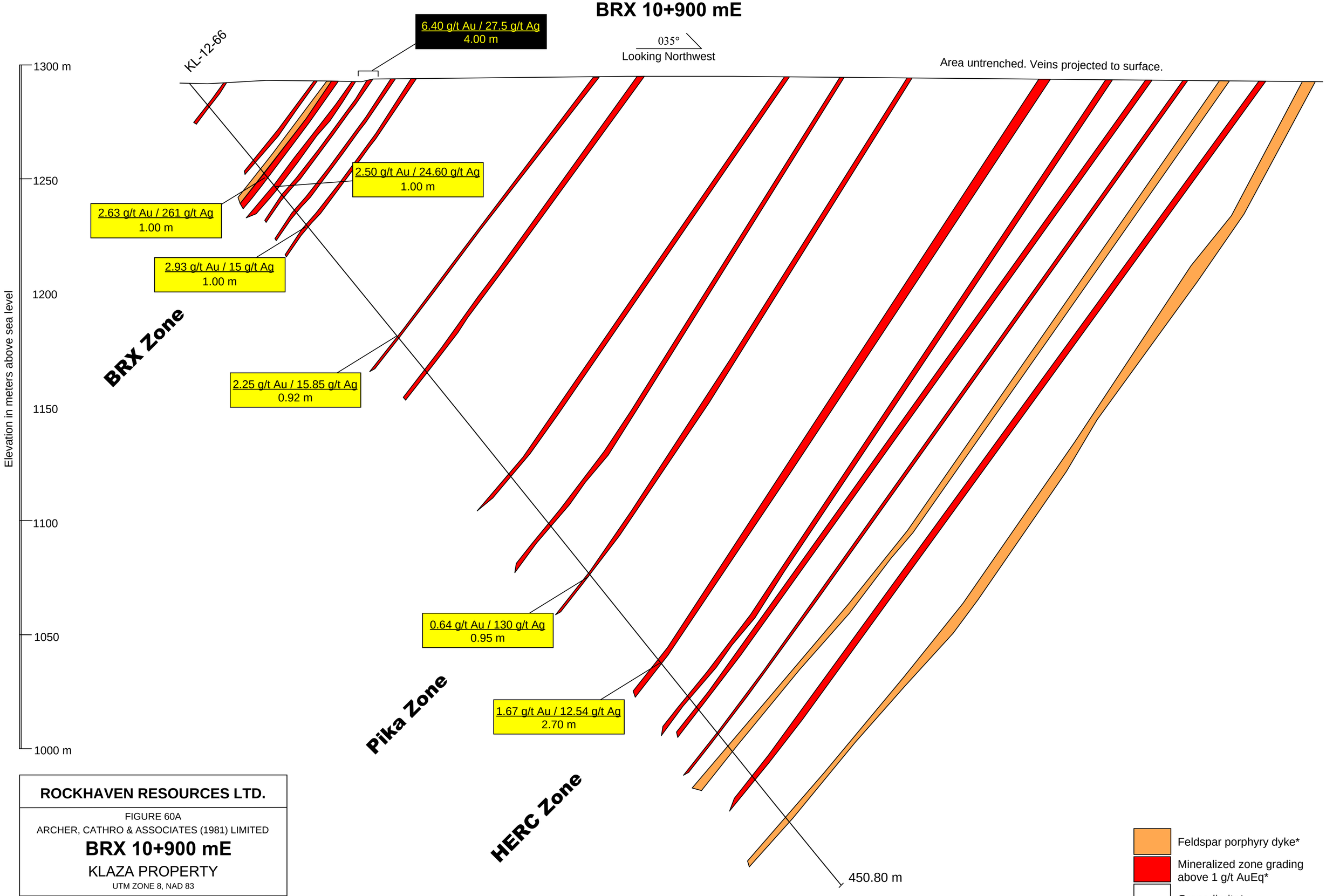
BRX 10+800 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 10+900 mE



ROCKHAVEN RESOURCES LTD.

FIGURE 60A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+900 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 10+900 mE

035°
Looking Northwest

KL-12-66

1300 m
1250
1200
1150
1100
1050
1000 m

Elevation in meters above sea level

7.85
2.99
3.23
2.57
3.24
2.73
450.80 m

BRX Zone
Pika Zone
HERC Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 60B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 10+900 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+000 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-125

Area untrenched. Veins projected to surface.

AEX Zone

3.94 g/t Au / 18.20 g/t Ag
1.05 m

2.69 g/t Au / 29.9 g/t Ag
1.34 m

2.86 g/t Au / 20.16 g/t Ag
4.93 m

5.75 g/t Au / 8.05 g/t Ag
1.37 m

5.36 g/t Au / 75.8 g/t Ag
1.15 m

4.96 g/t Au / 5.95 g/t Ag
1.00 m

297.79 m

BRX Zone

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

ROCKHAVEN RESOURCES LTD.

FIGURE 61A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+000 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

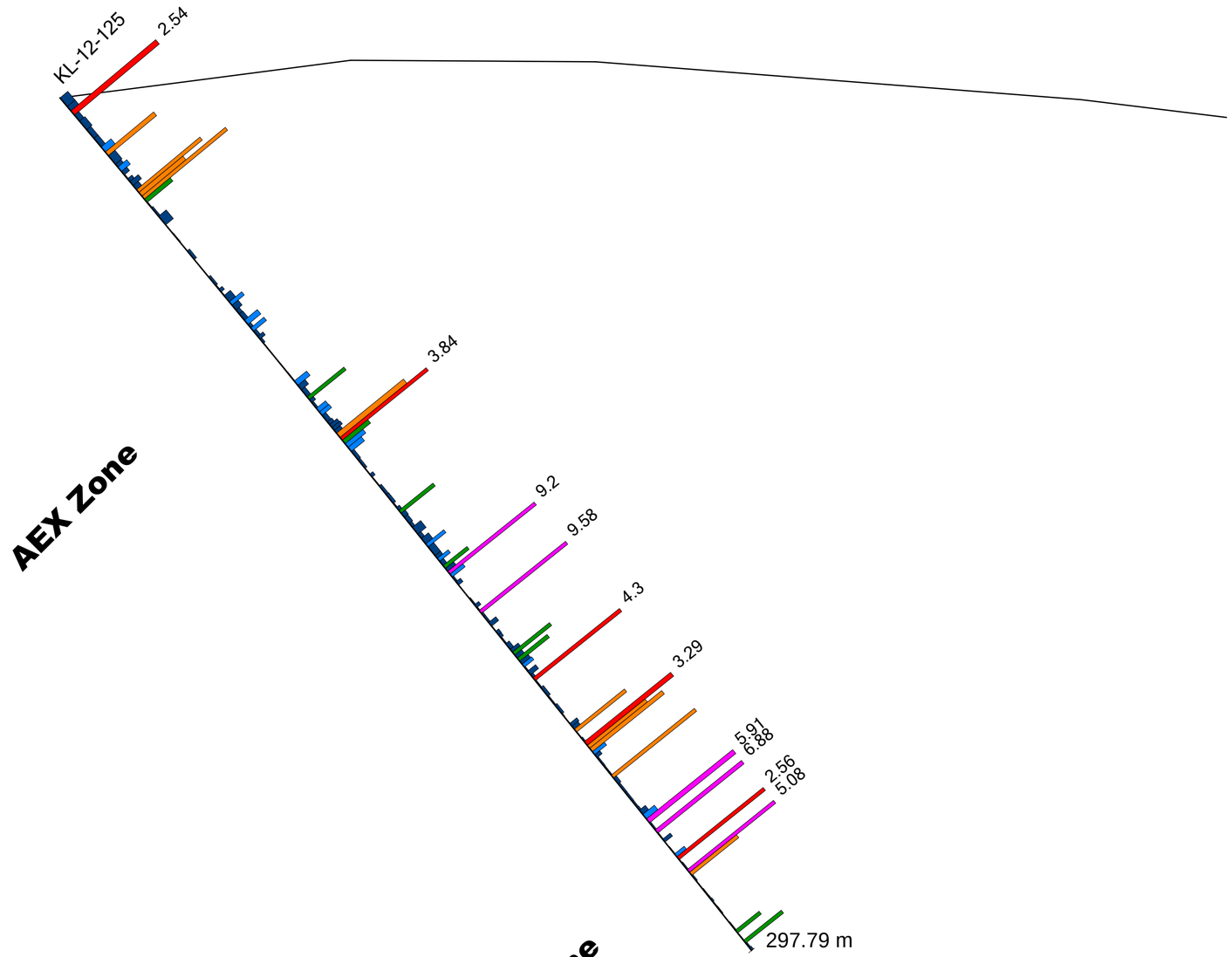
DATE: MAY 2013

BRX 11+000 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 61B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BRX 11+000 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

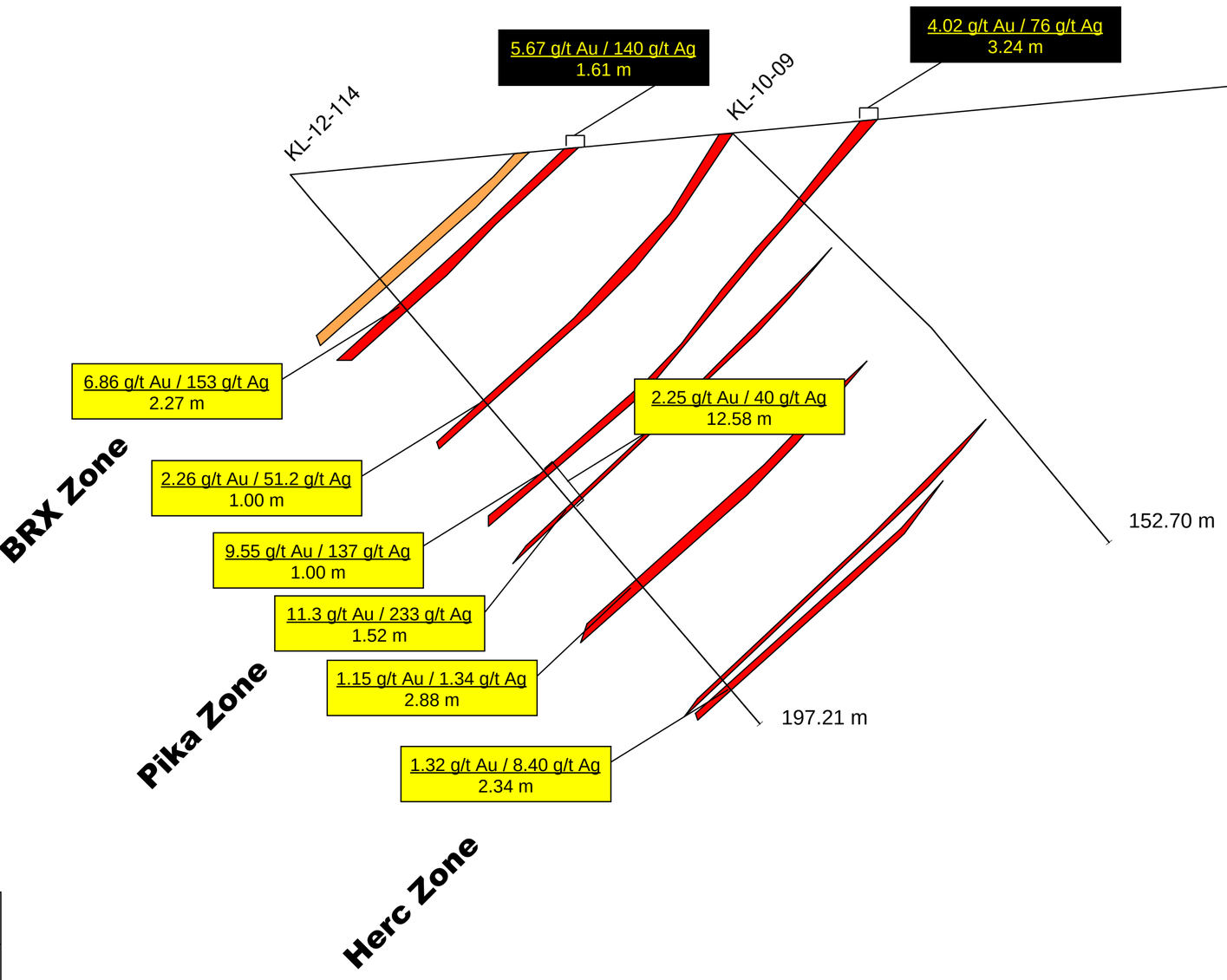
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+100 mE

035°
Looking Northwest

Elevation in meters above sea level

1550 m
1500
1450
1400
1350
1300
1250 m



ROCKHAVEN RESOURCES LTD.

FIGURE 62A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+100 mE

035°
Looking Northwest

Elevation in meters above sea level

1550 m
1500
1450
1400
1350
1300
1250 m

KL-12-114
KL-10-09
18.16
2.17
3.28
12.29
15.96
4.45
152.70 m
197.21 m
BRX Zone
Pika Zone
Herc Zone

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 62B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+100 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+200 mE

035°
Looking Northwest

Area untrenched. Veins projected to surface.

KL-12-130

KL-10-11

1.44 g/t Au / 11.9 g/t Ag
4.45 m

5.01 g/t Au / 49 g/t Ag
1.97 m

0.815 g/t Au / 25 g/t Ag
2.4 m

9.28 g/t Au / 70.3 g/t Ag
0.93 m

2.55 g/t Au / 5.13 g/t Ag
1.15 m

0.93 g/t Au / 22.8 g/t Ag
1.00 m

0.87 g/t Au, 23.1 g/t Ag
2.65 m

0.45 g/t Au / 99.2 g/t Ag
1.00 m

2.25 g/t Au / 25 g/t Ag
1.00 m

Dickson Zone

2.01 g/t Au / 4.89 g/t Ag
1.00 m

1.92 g/t Au / 5.36 g/t Ag
1.65 m

1.14 g/t Au / 7 g/t Ag
1.00 m

3.43 g/t Au / 66.8 g/t Ag
0.94 m

2.86 g/t Au / 3.7 g/t Ag
1.00 m

2.66 g/t Au / 8.2 g/t Ag
1.00 m

1.48 g/t Au / 43.6 g/t Ag
1.00 m

BRX Zone

273.41 m

1.13 g/t Au / 2.78 g/t Ag
1.25 m

0.39 g/t Au / 52.6 g/t Ag
1.00 m

AEX Zone

383.13 m

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

ROCKHAVEN RESOURCES LTD.

FIGURE 63A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+200 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+200 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-130
KL-10-11

2.65
2.02
2.11
2.44
2.75
2.93
4.77
2.35
2.82

Dickson Zone
AEX Zone
BRX Zone

383.13 m
273.41 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 63B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+200 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

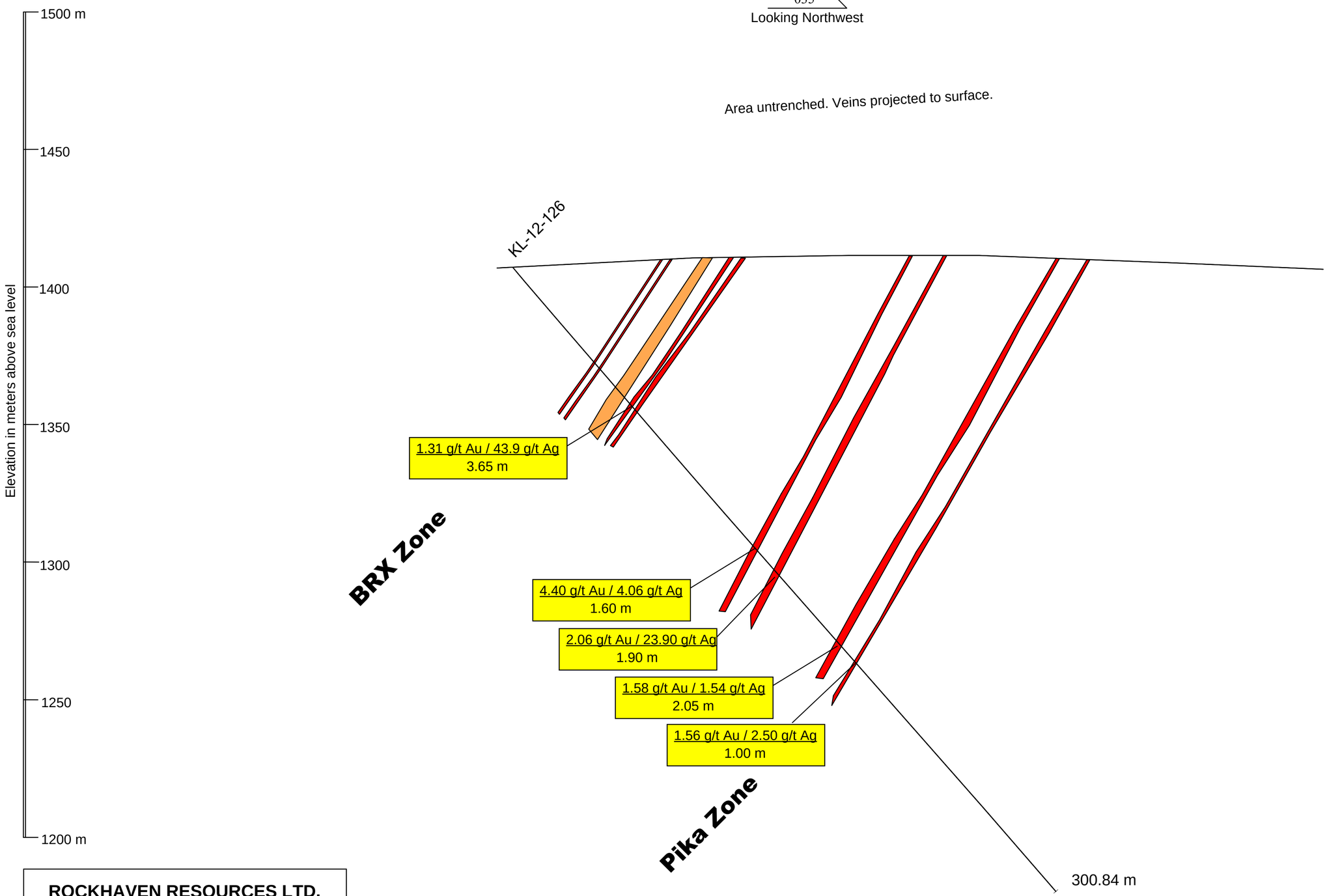
0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+300 mE

035°
Looking Northwest

Area untrenched. Veins projected to surface.



ROCKHAVEN RESOURCES LTD.

FIGURE 64A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+300 mE

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-126

3.94
2.86

4.48
2.54

BRX Zone

Pika Zone

300.84 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 64B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+300 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+400 mE

035°
Looking Northwest

Area untrenched. Veins projected to surface.

KL-12-128

1.93 g/t Au / 2.68 g/t Ag
1.75 m

AEX Zone

BRX Zone

486.77 m

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

ROCKHAVEN RESOURCES LTD.

FIGURE 65A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+400 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+400 mE

035°
Looking Northwest

KL-12-128

AEX Zone

BRX Zone

486.77 m

Elevation in meters above sea level

1400 m
1350
1300
1250
1200
1150
1100 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 65B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+400 mE

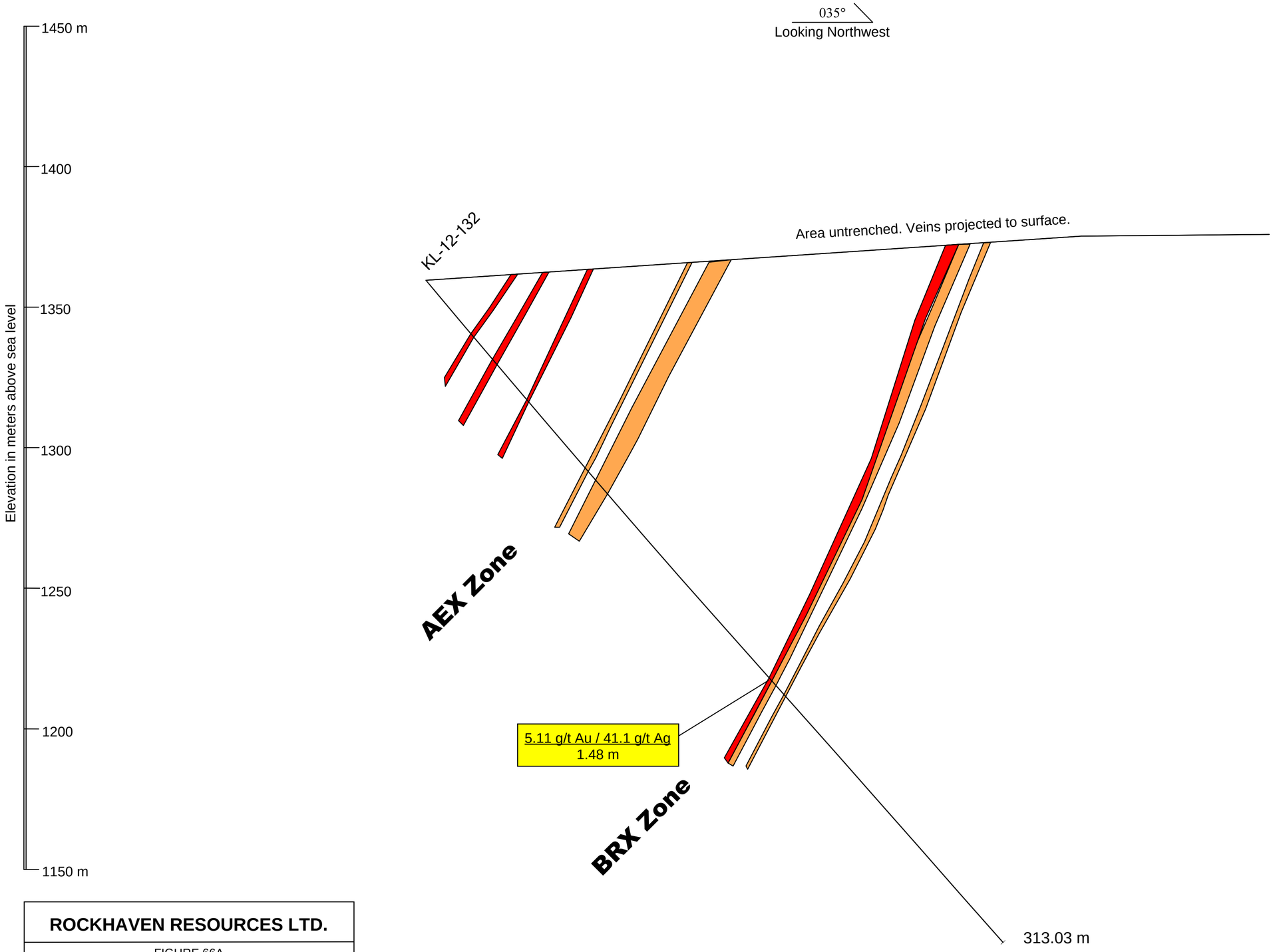
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+500 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 66A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+500 mE

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+500 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-132

2.34
4.72
2.43
5.93

AEX Zone

BRX Zone

313.03 m

AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

FIGURE 66B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+500 mE

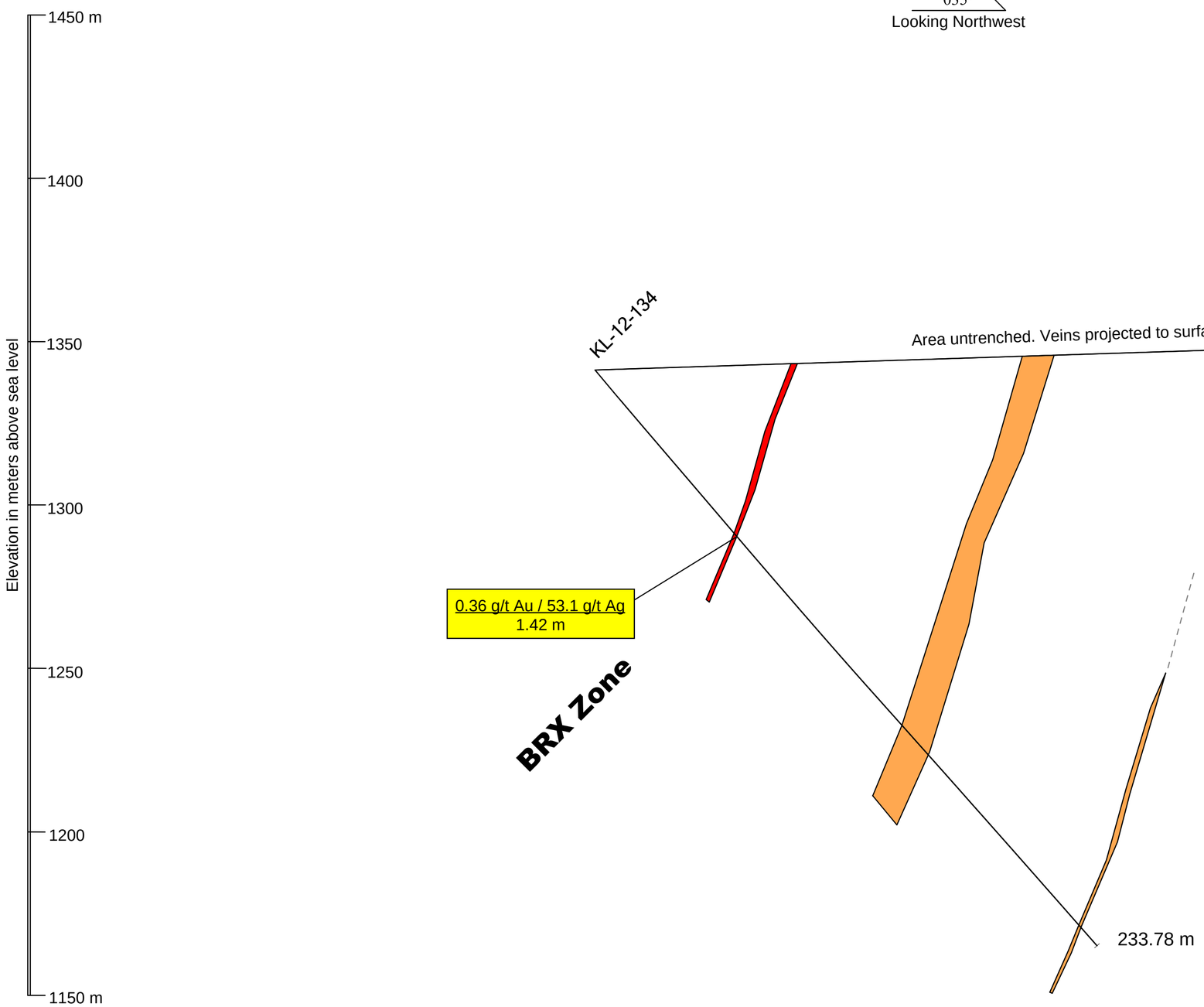
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

BRX 11+700 mE

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 67A
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BRX 11+700 mE

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

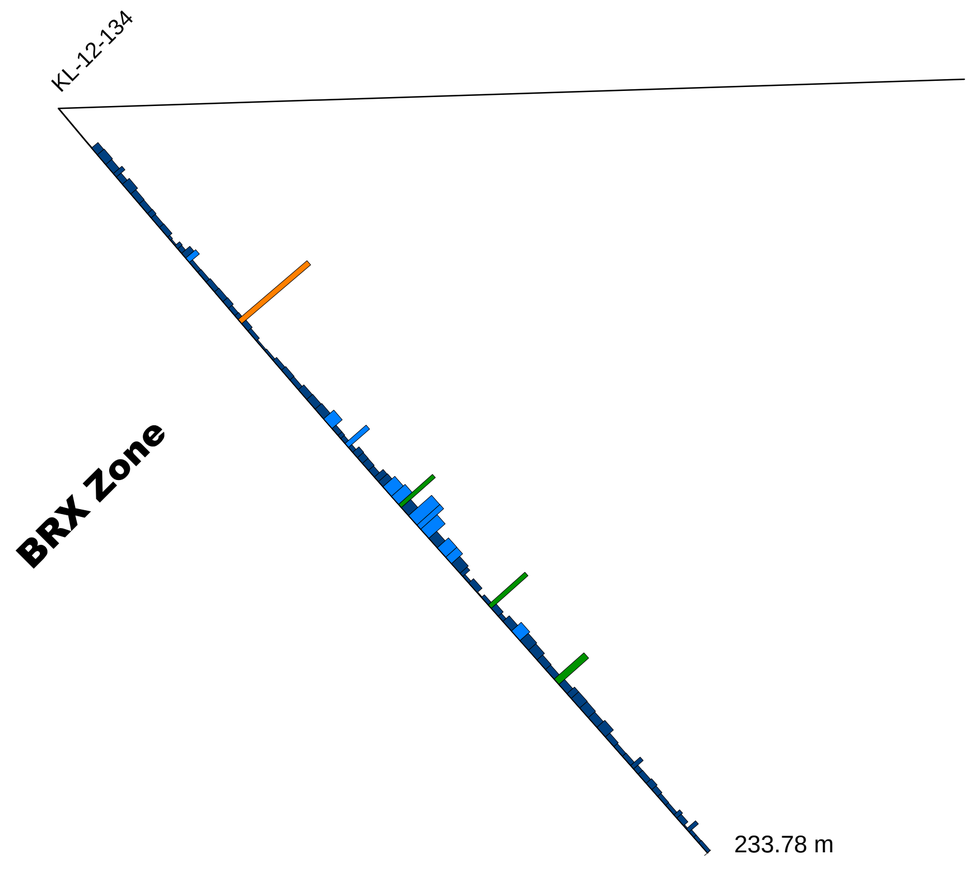
*Contacts across drill holes are defined; contacts between drill holes are inferred

BRX 11+700 mE

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m



AuEq (g/t)*

0 1.0 2.0 g/t

≥ 5.0 ≤ 71.2
≥ 2.0 < 5.0
≥ 1.0 < 2.0
≥ 0.5 < 1.0
≥ 0.2 < 0.5
≥ 0 < 0.2

*AuEq (g/t) = (Au g/t) + (Ag g/t / 50)

ROCKHAVEN RESOURCES LTD.

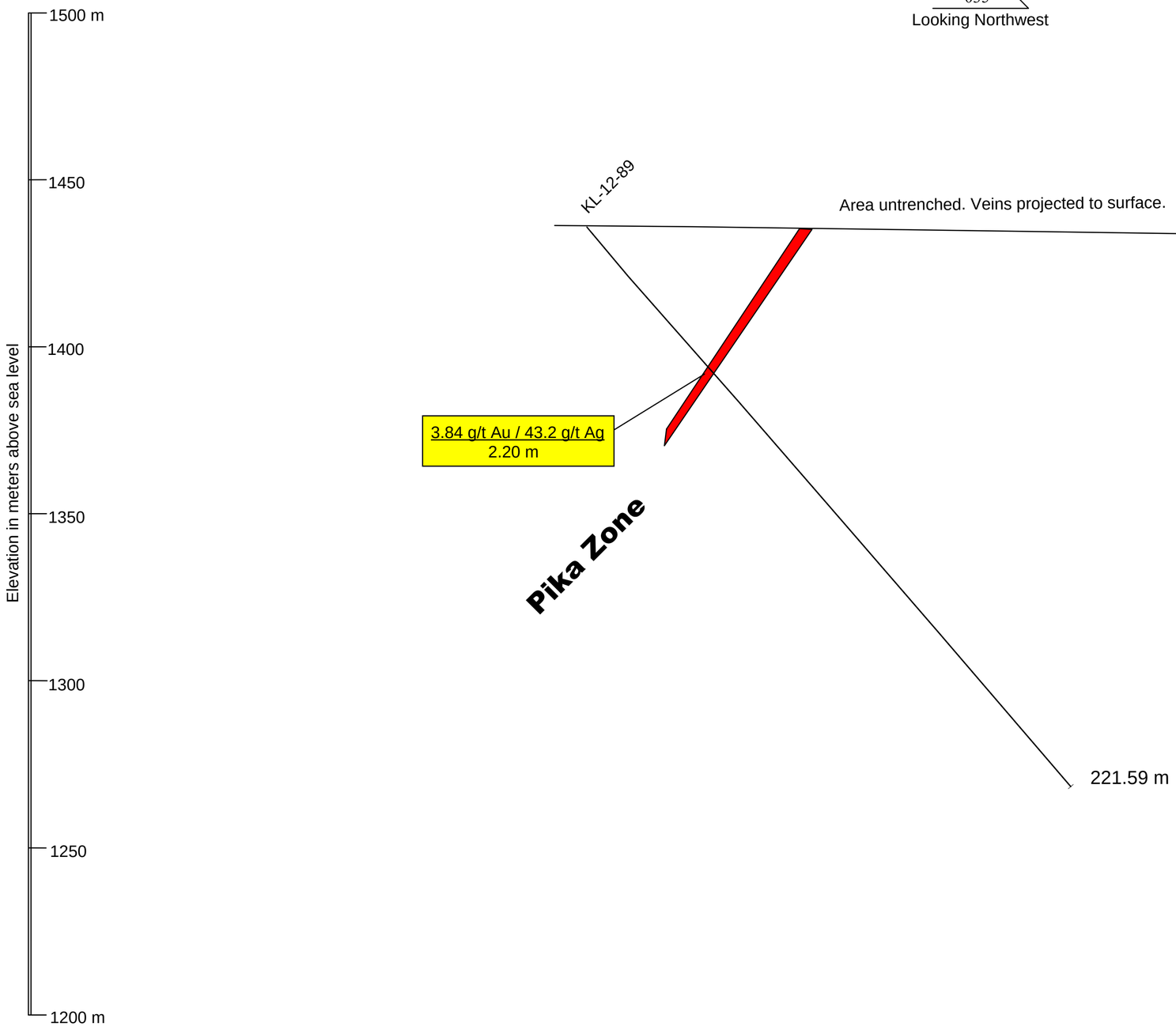
FIGURE 67B
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BRX 11+700 mE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

DDH KL-12-89

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 68
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-89

KLAZA PROPERTY
UTM ZONE 8, NAD 83

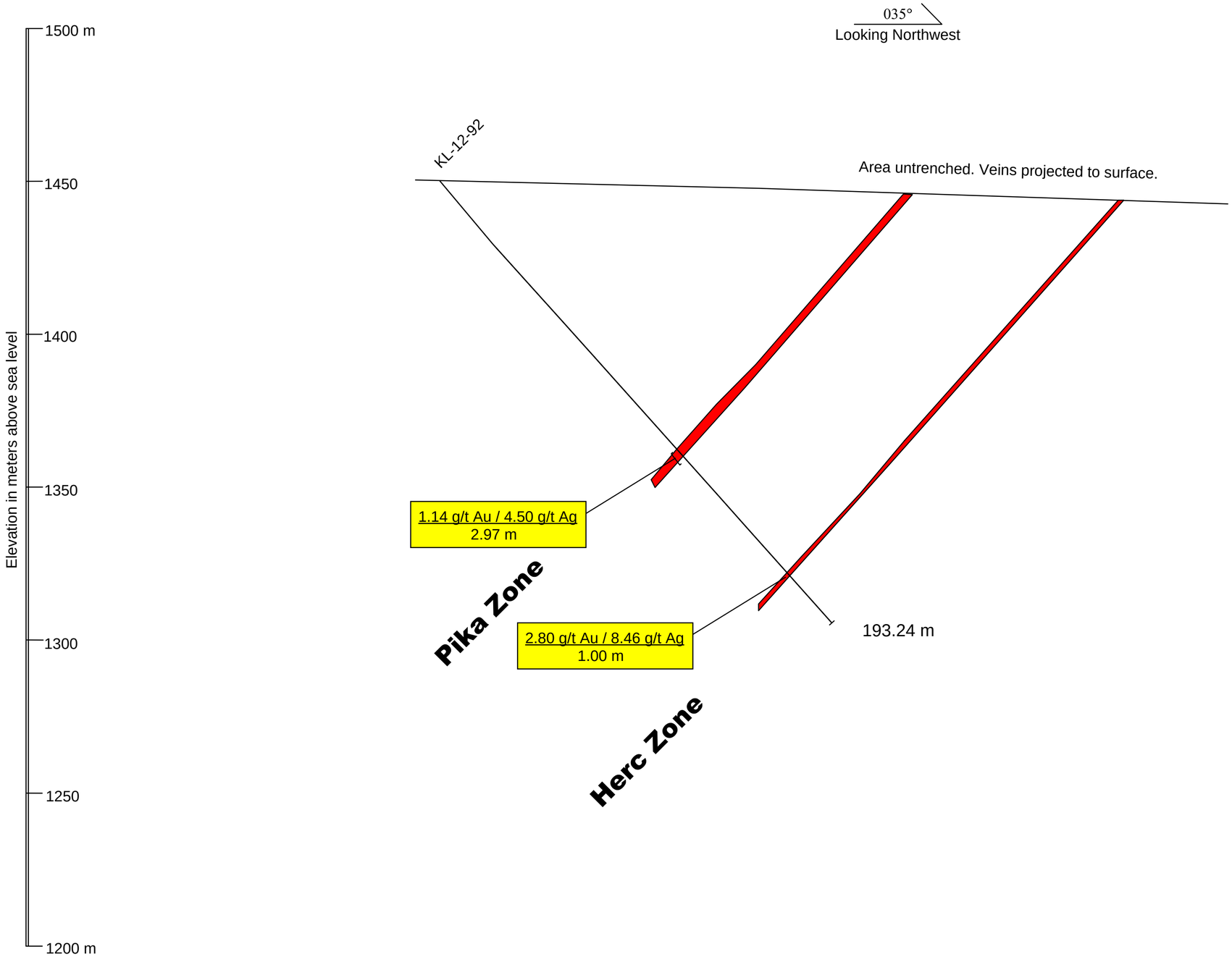
0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-92



ROCKHAVEN RESOURCES LTD.

FIGURE 69

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-92

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

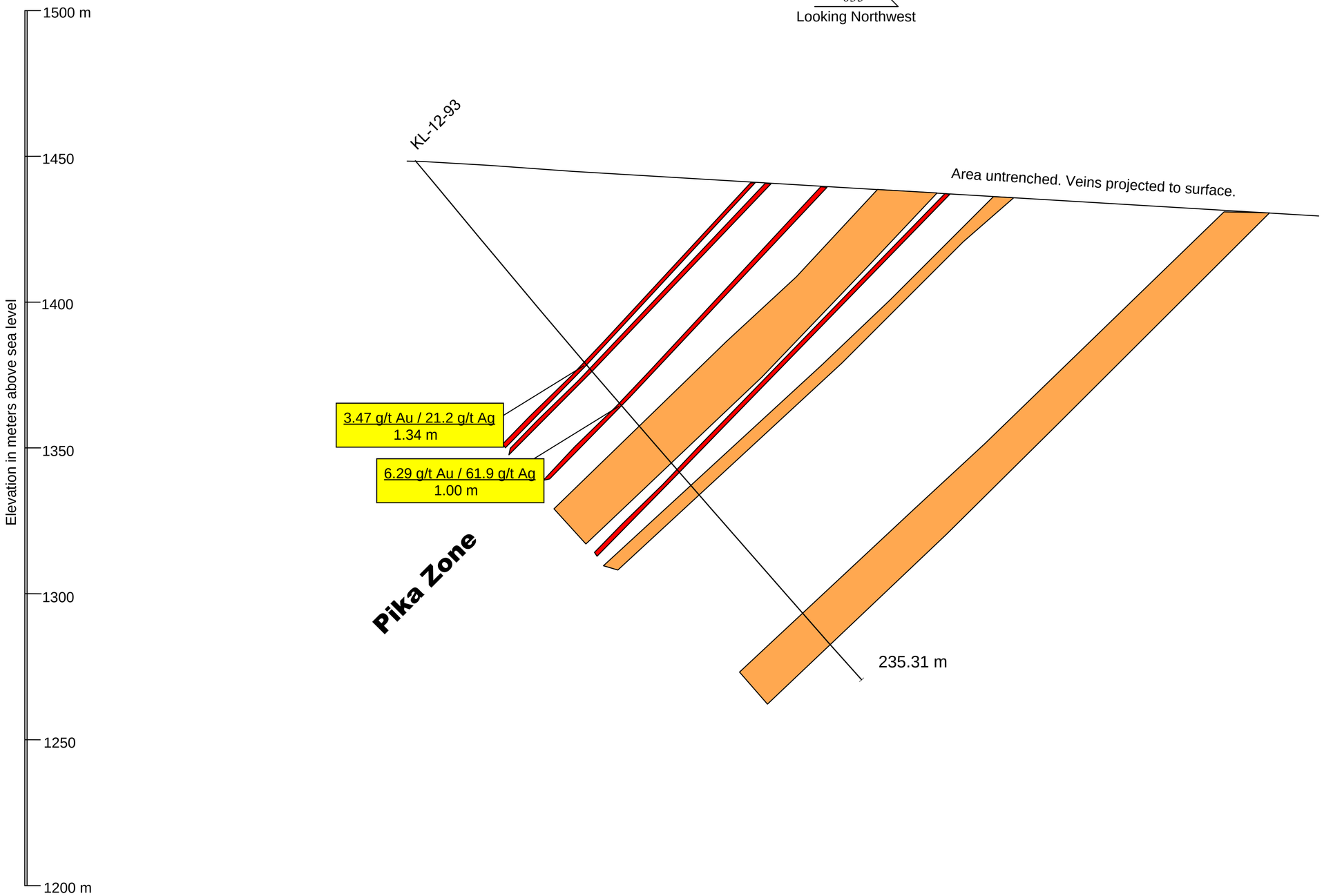
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-93

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 70
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-93

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

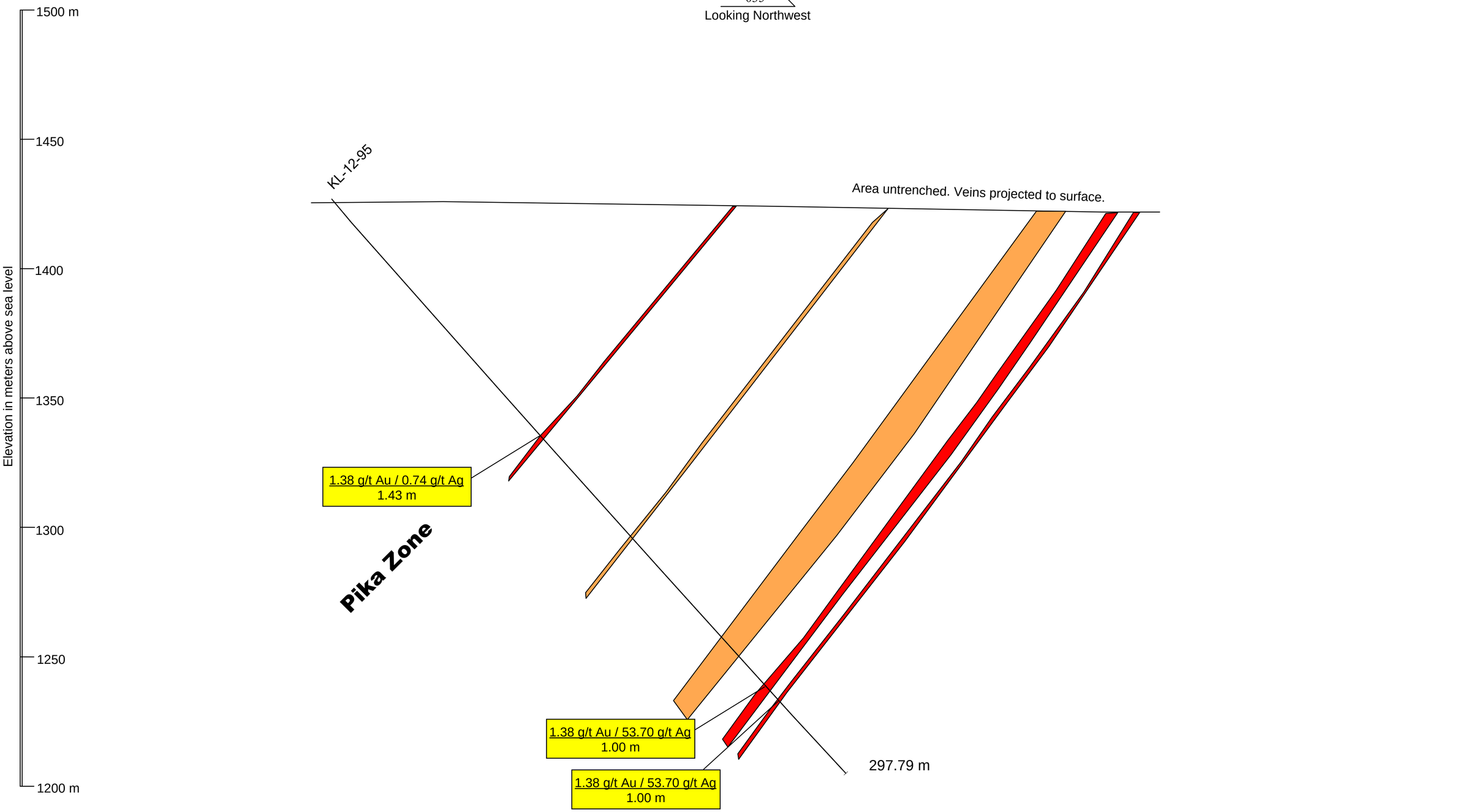
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-95

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 71
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-95

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-100 & DDH KL-11-48

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m

KL-12-100

KL-11-48

Area untrenched. Veins projected to surface.

1.63 g/t Au / 13 g/t Ag
1.00 m

2.44 g/t Au / 31 g/t Ag
2.84 m

209.40 m

Pika Zone

0.45 g/t Au / 61.4 g/t Ag
1.00 m

0.85 g/t Au / 10.1 g/t Ag
1.00 m

1.31 g/t Au / 29.3 g/t Ag
1.00 m

Herc Zone

343.51 m

ROCKHAVEN RESOURCES LTD.

FIGURE 72
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-100 & DDH KL-11-48

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

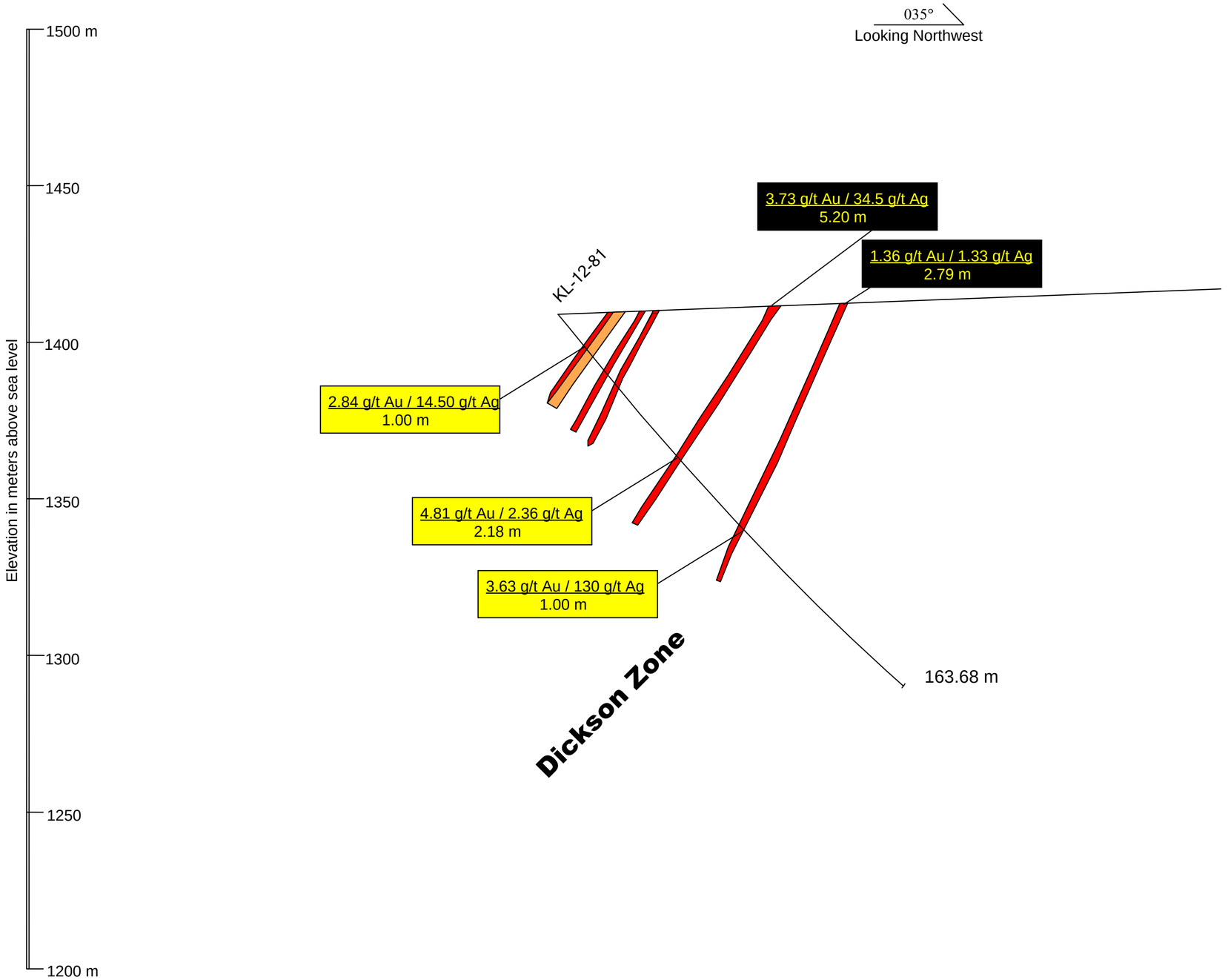
Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-81



ROCKHAVEN RESOURCES LTD.

FIGURE 73

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-81

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*

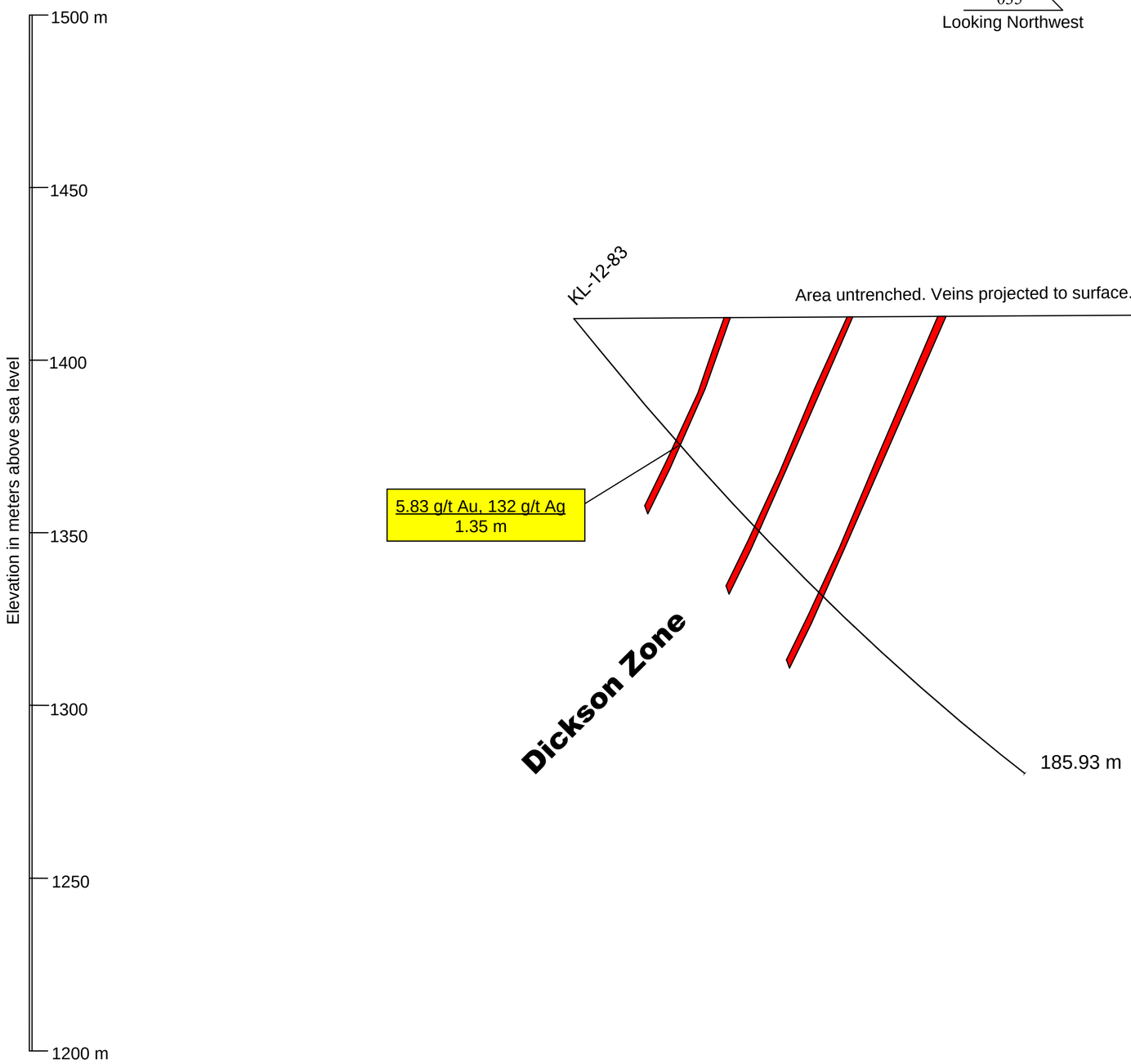
Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-83

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 74
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-83

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

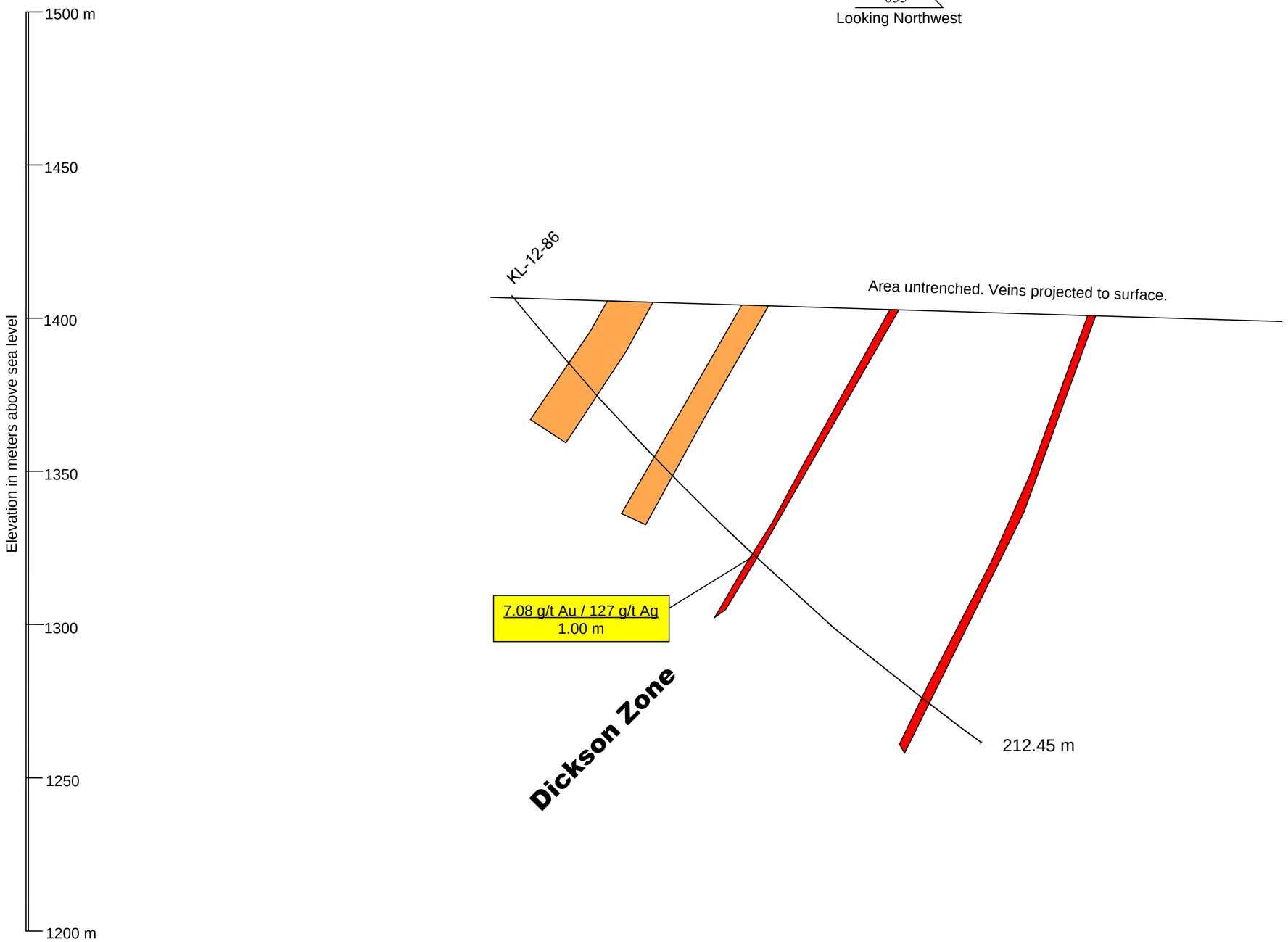
FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

- Feldspar porphyry dyke*
- Mineralized zone grading above 1 g/t AuEq*
- Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-86

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 75

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-86

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-129, DDH KL-12-97 and DDH KL-11-24

035°
Looking Northwest

Elevation in meters above sea level

1500 m
1450
1400
1350
1300
1250
1200 m
1150
1100
1050

KL-12-129

KL-12-97

KL-11-24

1.35 g/t Au / 33.4 g/t Ag
14.50 m

1.93 g/t Au / 136.5 g/t Ag
7.80 m

1.15 g/t Au / 5.54 g/t Ag
1.48 m

1.57 g/t Au / 4.26 g/t Ag
2.55 m

1.52 g/t Au / 31 g/t Ag
4.07 m

3.97 g/t Au / 3.79 g/t Ag
1.11 m

Dickson Zone

13.05 g/t Au / 17.65 g/t Ag
1.31 m

1.71 g/t Au / 6.44 g/t Ag
11.59 m

BRX Zone

1.68 g/t Au / 8.42 g/t Ag
1.00 m

1.85 g/t Au / 13.4 g/t Ag
1.00 m

1.82 g/t Au / 7.33 g/t Ag
1.00 m

2.76 g/t Au / 38.5 g/t Ag
1.00 m

AEX Zone

358.75 m

402.02 m

361.80 m

ROCKHAVEN RESOURCES LTD.

FIGURE 76

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-129, DDH KL-12-97 and DDH KL-11-24

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-130 and DDH KL-10-11

035°
Looking Northwest

Area untrenched. Veins projected to surface.

KL-12-130

KL-10-11

1.44 g/t Au / 11.9 g/t Ag
4.45 m

5.01 g/t Au / 49 g/t Ag
1.97 m

0.815 g/t Au / 25 g/t Ag
2.4 m

9.28 g/t Au / 70.3 g/t Ag
0.93 m

2.55 g/t Au / 5.13 g/t Ag
1.15 m

0.93 g/t Au / 22.8 g/t Ag
1.00 m

0.87 g/t Au, 23.1 g/t Ag
2.65 m

0.45 g/t Au / 99.2 g/t Ag
1.00 m

2.25 g/t Au / 25 g/t Ag
1.00 m

Dickson Zone

2.01 g/t Au / 4.89 g/t Ag
1.00 m

1.92 g/t Au / 5.36 g/t Ag
1.65 m

1.14 g/t Au / 7 g/t Ag
1.00 m

3.43 g/t Au / 66.8 g/t Ag
0.94 m

2.86 g/t Au / 3.7 g/t Ag
1.00 m

2.66 g/t Au / 8.2 g/t Ag
1.00 m

1.48 g/t Au / 43.6 g/t Ag
1.00 m

BRX Zone

273.41 m

1.13 g/t Au / 2.78 g/t Ag
1.25 m

0.39 g/t Au / 52.6 g/t Ag
1.00 m

AEX Zone

383.13 m

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

ROCKHAVEN RESOURCES LTD.

FIGURE 77
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DDH KL-12-130 and DDH KL-10-11
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

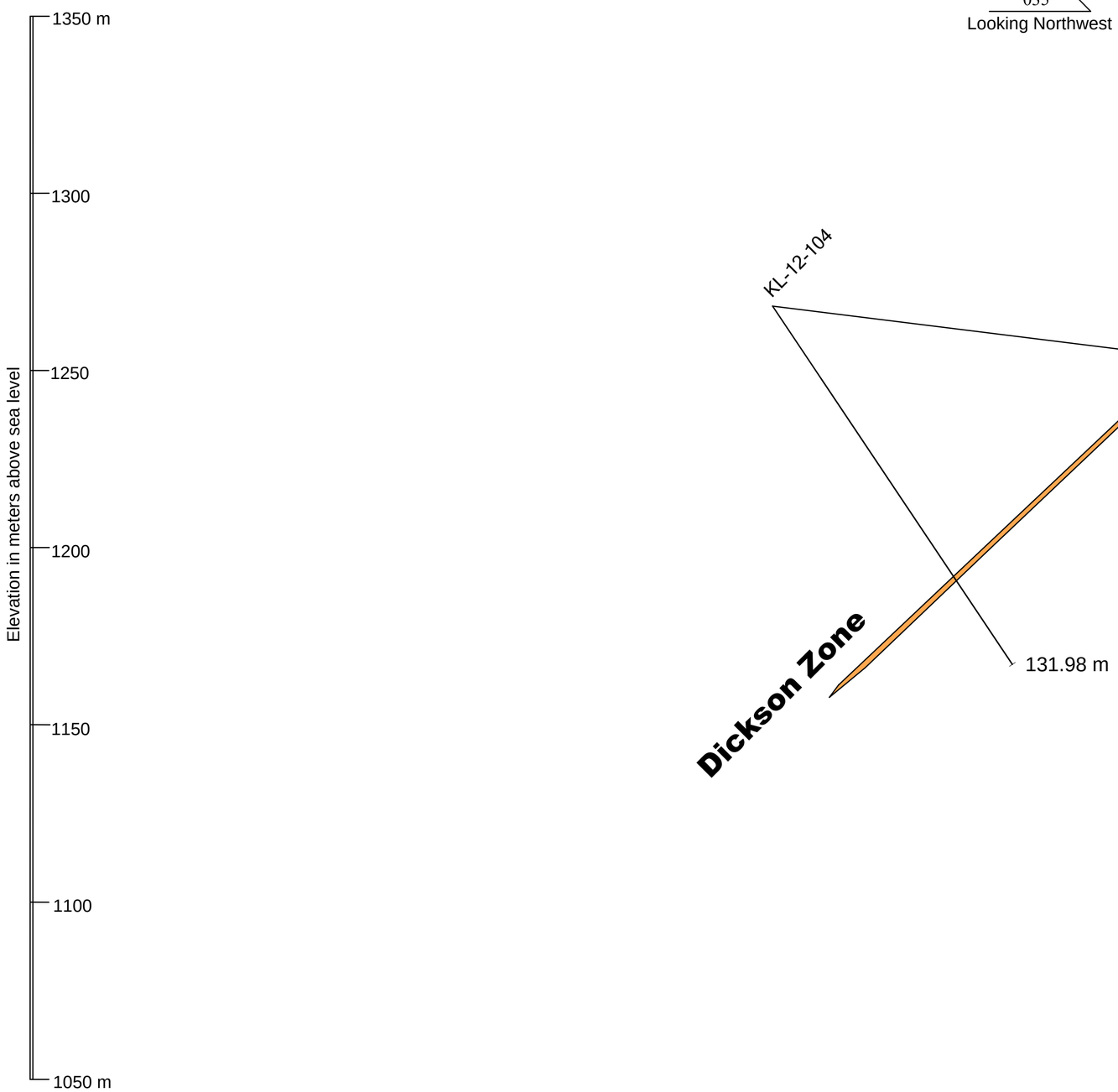
FILE: ...2012\Klaza\2013 Klaza Assessment Report
DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-104

035°
Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 78
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-104

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

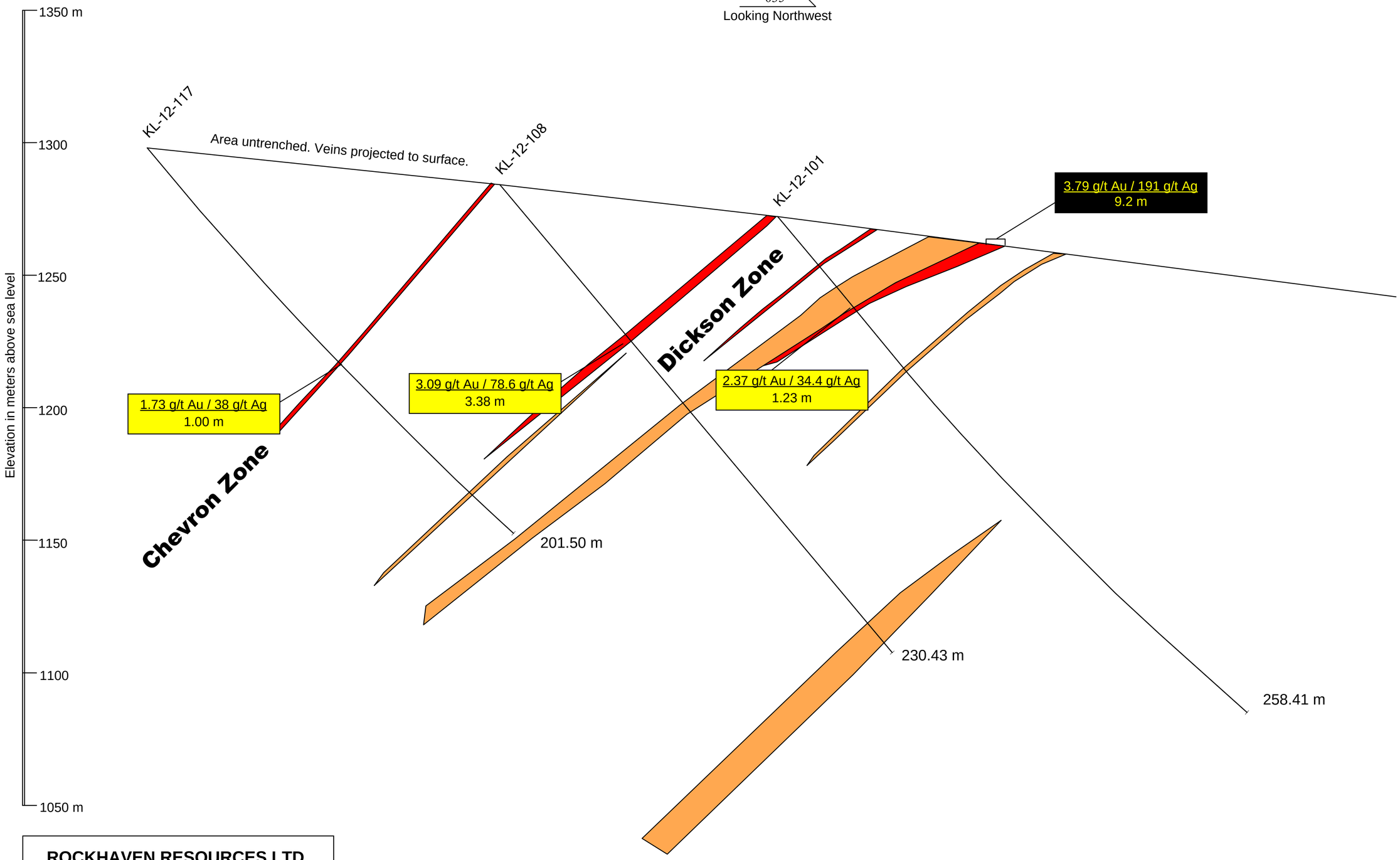
Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-101, DDH KL-12-108 and DDH KL-12-117

035°

Looking Northwest



ROCKHAVEN RESOURCES LTD.

FIGURE 79

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-101, DDH KL-12-108 and DDH KL-12-117

KLAZA PROPERTY

UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

Feldspar porphyry dyke*

Mineralized zone grading above 1 g/t AuEq*

Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

DDH KL-12-120

035°
Looking Northwest

Elevation in meters above sea level

1450 m
1400
1350
1300
1250
1200
1150 m

KL-12-120

6.25 g/t Au / 318.58 g/t Ag
2.61 m

2.54 g/t Au / 45.6 g/t Ag
1.01 m

3.97 g/t Au / 95.4 g/t Ag
1.26 m

164.03 m

Dickson Zone

ROCKHAVEN RESOURCES LTD.

FIGURE 80
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH KL-12-120

KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 20 40 60 80 100 m

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*

*Contacts across drill holes are defined; contacts between drill holes are inferred

KL-12-83	DICKSON	382584.7	6888848	1412.04	30	-50	185.93
KL-12-84	BRX	381638.9	6889922	1281.95	35	-50	486.77
KL-12-85	KLAZA	382975.3	6889733	1413.968	35	-50	340.31
KL-12-86	DICKSON	382456.7	6888818	1407.718	35	-50	212.45
KL-12-87		381265.9	6890752	1224.771	35	-50	261.82
KL-12-88	BRX	381941	6889827	1327.137	35	-50	267.31
KL-12-89	PIKA	382741.9	6889442	1435.637	30	-50	221.59
KL-12-90		381142	6890905	1230.089	35	-50	270.05
KL-12-91	BRX	381817.1	6889834	1307.832	35	-50	418.19
KL-11/12-51x	KLAZA	382932.1	6889649	1425.111	35	-50	486.77
KL-12-92	PIKA	382918.8	6889328	1450.297	35	-50	193.24
KL-12-93	PIKA	382990.9	6889277	1448.661	35	-50	235.31
KL-12-94		381576.1	6890588	1238.151	35	-50	322.17
KL-12-95	PIKA	382661.3	6889502	1427.275	35	-50	297.79
KL-12-96	BRX	381509	6890034	1258.499	35	-50	389.23
KL-12-97	BRX	382528.9	6889235	1406.259	35	-50	402.02
KL-12-98		381744.8	6890474	1270.046	35	-50	276.45
KL-12-99	BRX	382098.4	6889713	1351.388	35	-50	258.17
KL-12-100	PIKA	382587.1	6889564	1418.101	35	-50	343.51
KL-12-101	DICKSON?	381267.5	6889705	1271.943	35	-50	258.41
KL-12-102	BRX	381964.6	6889697	1331.655	35	-50	334.37
KL-12-103	BRX	382508.2	6889372	1404.708	35	-50	352.65
KL-12-104	DICKSON?	381359.8	6889616	1268.41	35	-50	131.98
KL-12-105	BRX	382240	6889584	1370.096	35	-50	242.93
KL-12-106	BRX	382389.3	6889356	1387.097	35	-50	288.65
KL-12-107	KLAZA	382358.6	6890827	1310.725	35	-50	258.48
KL-12-108	DICKSON?	381203.3	6889622	1283.97	35	-50	230.43
KL-12-109	BRX	382132	6889575	1354.348	35	-50	325.22
KL-12-110	KLAZA	383393	6889367	1411.089	35	-50	395.33
KL-12-111	KLAZA	382420.9	6890914	1304.672	35	-50	191.11
KL-12-112	BRX	382243.4	6889463	1368.278	35	-50	328.27
KL-12-113	KLAZA	382286.1	6890897	1297.317	35	-50	148.44
KL-12-114	BRX	383020.6	6889133	1433.808	35	-50	197.21
KL-12-115	KLAZA	382340.2	6890627	1321.42	35	-50	279.50
KL-12-116	KLAZA	383438.5	6889347	1404.336	35	-50	438.91
KL-12-117	CHEVRON	381138.3	6889505	1297.837	35	-50	201.50
KL-12-118	BRX	382368.6	6889485	1386.668	35	-50	197.21
KL-12-119		381894.8	6890989	1232.535	35	-50	377.04
KL-12-120	CHEVRON	381327	6889383	1294.759	35	-50	164.03
KL-12-121	KLAZA	383462.9	6889250	1394.68	35	-50	514.20
KL-12-122	KLAZA	382570.5	6890442	1354.001	35	-50	316.08
KL-12-123	BRX	382686.2	6889099	1424.283	35	-50	328.27
KL-12-124	KLAZA	382491.2	6890503	1343.565	35	-50	346.56
KL-12-125	BRX	382838.4	6888985	1417.254	35	-50	297.79
KL-12-126	BRX	383161.5	6889039	1406.492	35	-50	300.84

KL-12-127	KLAZA	382418.4	6890581	1332.244	35	-50	401.42
KL-12-128	BRX	383162.4	6888908	1380.526	35	-50	486.77
KL-12-129	DICKSON	382396.7	6888899	1398.324	35	-50	358.75
KL-12-130	DICKSON	382818.2	6888735	1389.851	35	-50	383.13
KL-12-131	KLAZA	382276.7	6890712	1309.23	35	-50	313.03
KL-12-132	BRX	383241.3	6888823	1359.122	35	-50	313.03
KL-12-133	KLAZA	382651.3	6890116	1387.796	35	-50	550.77
KL-12-134	BRX	383443.9	6888819	1340.582	35	-50	233.78
KL-12-135	BRX	381821.9	6889658	1311.471	35	-50	497.74

The 2012 diamond drill program successfully expanded zones of gold and silver mineralization identified by Rockhaven in 2011 and discovered new zones elsewhere on the Property. The various zones have been traced for a cumulative mineralized strike length of 8.6 km. All of the zones begin at surface and are open to expansion along strike and to depth. The cumulative length does not include mineralized intercepts obtained by other parties on the recently purchased claims in the eastern part of the Property, because their relationship to the known zones is uncertain.

Table VIII shows the drill confirmed strike length of each of the main zones, the maximum down dip intercept and the best drill intercept to date on each zones.

Table VIII – Data for Main Mineralized Zones

Zone	Mineralized Strike Length (m)	Max. Down Dip Drill Intercept (m)	Best Drill Intercept (2010 to 2012 Diamond Drilling)
KLAZA	2000	325	7.20 g/t gold and 260 g/t silver (12.40 g/t gold EQ) over 15.30 m
BRX	2400	400	5.78 g/t gold and 111 g/t silver (8.00 g/t gold EQ) over 15.62m
PIKA	740	250	32.52 g/t gold and 34.3 g/t silver (33.21 g/t gold EQ) over 3.36 m
AEX	1650	310	13.05 g/t gold and 17.65 g/t silver (13.40 g/t gold EQ) over 1.31 m
BYG	650	150	6.29 g/t gold and 342 g/t silver (13.13 g/t gold EQ) over 1.43 m
DICKSON	450	100	7.08 g/t gold and 127 g/t silver (9.62 g/t gold EQ) over 1.00 m
HERC	460	310	3.39 g/t gold and 205 g/t silver (7.49 g/t gold EQ) over 2.28 m
CHEVRON	250	90	3.97 g/t gold and 95.4 g/t silver (5.88 g/t gold EQ) over 1.26 m

The **Klaza** zone is the most northerly of the main gold-silver bearing structural zones. In 2012, it was tested by 8,525 m of diamond drilling in 30 holes. The drill holes are located on section lines approximately 50 m apart. Most of the section lines in the central part of the zone also include holes from previous years. Many of the lines in the western and eastern parts of the zone comprise just one hole.

The 2012 diamond drilling at the Klaza zone extended the area of mineralization to a 2000 m strike length and to a maximum depth of 325 m down dip of trench exposures. The mineralization exhibits exceptional continuity with 62 of 67 diamond drill holes completed to

date intersecting between 3 and 190 gram/metre multiples (g/t gold equivalent multiplied by intersected core length). The weighted average grade of the mineralized intercepts is 2.10 g/t gold and 38.80 g/t silver over 9.15 m. Nearly ¾ of the holes that tested the Klaza zone returned greater than 10 gram-metre multiples.

Three distinct styles of mineralization are present within the Klaza zone, which are believed to reflect their respective distances from the hydrothermal centre.

Mineralization in the central portion of the Klaza zone (east of section KL 9+900 m and west of section KL 10+500 m) is hosted within a laterally extensive complex of steeply dipping veins, breccias and sheeted veinlets that are associated with a swarm of feldspar porphyry dykes. The strongest veins are typically found along dyke margins. The best result returned from this part of the Klaza zone in 2012 was from an interval in hole DDH-KL-12-133, which graded 11.90 g/t gold and 5.23 g/t silver over 6.70 m. This hole is the deepest ever drilled at the Klaza zone.

The eastern Klaza zone (extending east from section KL 10+500) is characterized by broad gold-silver bearing veins that form a sheeted complex, possibly suitable for bulk mining methods. The mineral assemblages and precious metal contents in this area are distinguished from those of the central Klaza zone in two ways: 1) sulphide veins are dominated by pyrite with significantly less galena and arsenopyrite; and 2) the silver to gold ratios are lower. The best drill result in 2012 from the eastern Klaza zone was in DDH-KL-12-121, and graded 1.43 g/t gold and 2.69 g/t silver over 18.03 m.

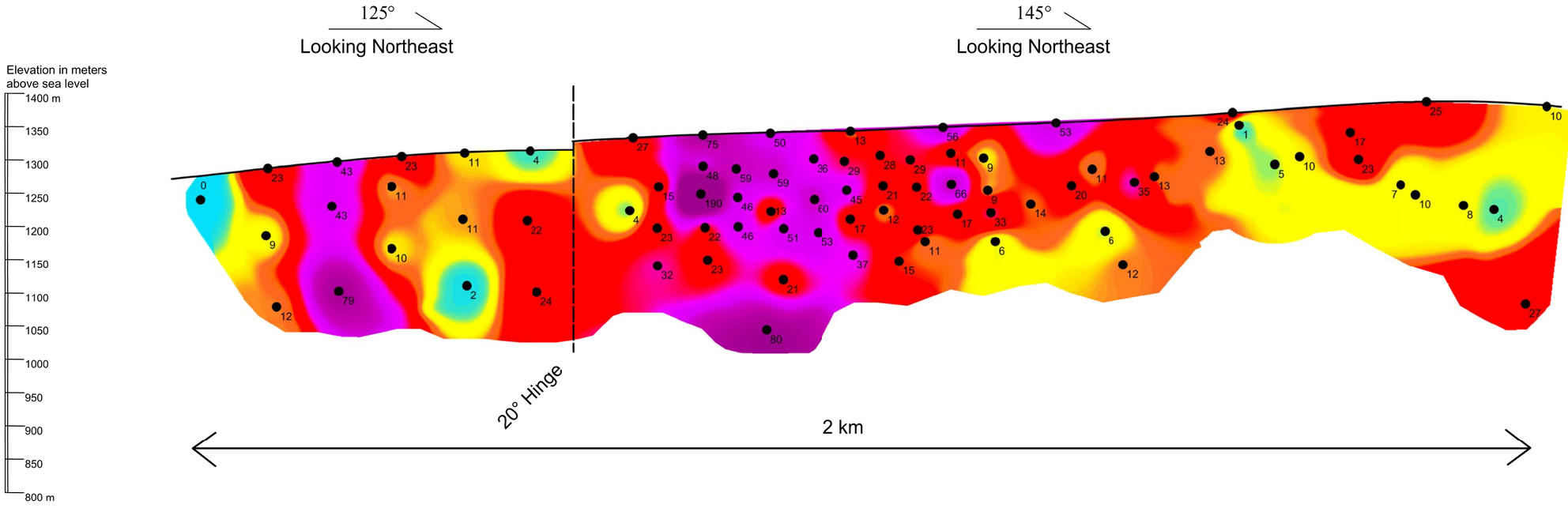
Narrow high-grade silver-gold veins present in the western portion of the Klaza zone (extending west from section KL 9+900) represent a third style of mineralization. Two strong veins with good continuity are emplaced alongside broad feldspar porphyry dykes. These veins are not flanked by the type of sheeted veining seen elsewhere in the Klaza zone. The mineral assemblages contain higher proportions of arsenopyrite and sulphosalts that are common further east in the zone, and silver to gold ratios are higher. The two best drill results from this area are in holes DDH-KL-12-79 and DDH-KL-12-115. DDH-KL-12-79 cut an interval that averaged 3.18 g/t gold and 516 g/t silver over 3.21 m, and DDH-KL-12-115 returned 4.51 g/t gold and 332 g/t silver across 7.12 m.

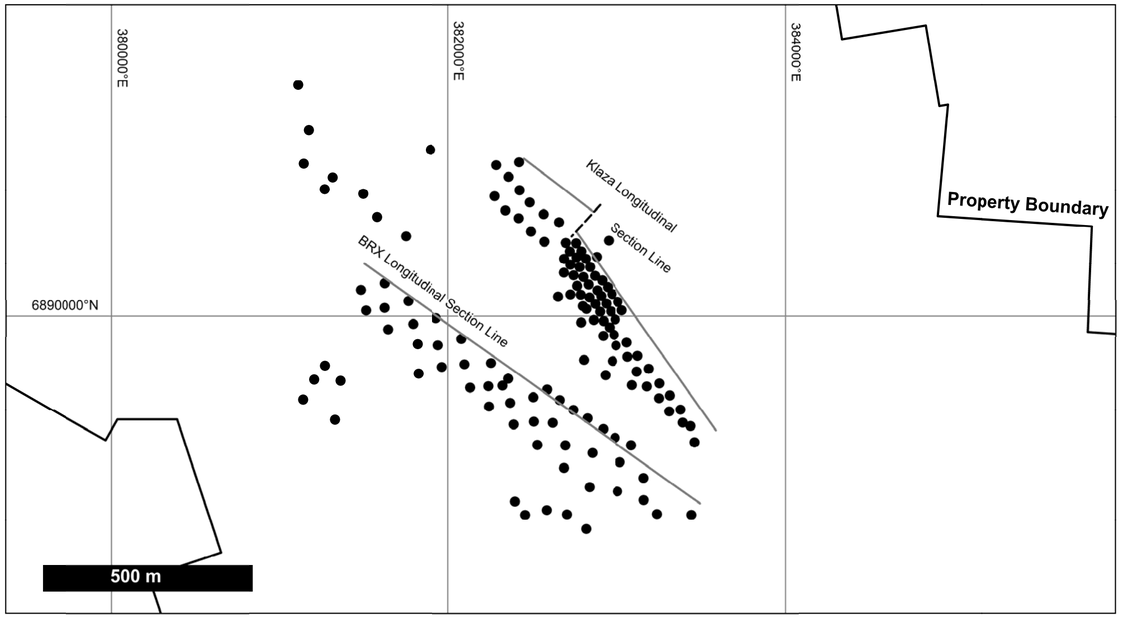
While individual mineralized intercepts within the Klaza zone are generally comparable to those at other zones on the Property, the Central and Eastern Klaza zones host multiple sub-parallel veins that are relatively closely spaced within a structural zone that is up to 100 m wide. This style of mineralization is well illustrated by the histogram plots showing gold equivalent grades in drill holes completed across the Klaza zone.

Figure 81 is a vertical longitudinal section that demonstrates assay results returned from diamond drill holes and excavator trenches located along the Klaza zone. The longitudinal section does not include significant results returned from secondary veins found in the hanging wall or footwall of the main structure.

The **BRX** zone currently has the longest strike length of any of the mineralized zones identified at the Klaza property. A total of 25 diamond drill holes tested the BRX zone in 2012 at

Klaza Inclined Longitudinal Section





Gold Equivalent x Meters (g x m)/t

- 30-190
- 20-30
- 10-20
- 5-10
- 0-5

Drill hole and trench interception point, respectively, displaying gold equivalent x meters

ROCKHAVEN RESOURCES LTD.

FIGURE 81
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Klaza Inclined Longitudinal Section

KLAZA PROPERTY

0 50 100 150 200 250 m

UTM ZONE 8, NAD 83

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

approximately 200 m intervals along a strike length of 2,400 m. Twenty-two of 25 drill holes intersected significant gold-silver mineralization, and the zone has been confirmed to a depth of more than 400 m down dip from surface.

Mineralization within the BRX zone is associated with a laterally extensive feldspar porphyry dyke. Veins occur on the margins of that dyke and, where the dyke splits into two or more 'fingers,' the number of veins increases, which sometimes results in wider mineralized intervals. For example, the best result from 2012 drilling at the BRX zone was from an interval in DDH-KL-12-96, which averaged 5.78 g/t gold and 111 g/t silver over 15.62 m. Two individual high grade veins, 2.32 and 2.90 m in width, contributed most of the grade in this interval.

Figure 82 is a vertical longitudinal section that demonstrates assay results returned from diamond drill holes and excavator trenches along the BRX zone.

The **BYG** zone is the third most explored zone on the Property. It parallels the central Klaza zone, 125 m to the south, before converging into the eastern Klaza zone. No work has been done along the possible eastern extension of the zone to determine if the BYG structure coalesces with the Klaza zone or cuts through it and continues to the east. The BYG zone is associated with a series of siliceous, brown feldspar porphyry dykes. Sixteen diamond drill holes have intersected the zone between 2010 and 2012, and all cut significant mineralization. The best intercepts graded 4.57 g/t gold with 51.6 g/t silver across 3.97 m and 6.29 g/t gold with 342 g/t silver across 1.43 m. The BYG zone has been traced along strike for 650 m and remains open for expansion in all directions.

The **Herc** zone was tested in 2012 by two diamond drill holes spaced 300 m apart. These holes were originally designed to intersect the Pika zone but after crossing it were extended to reach the Herc zone. Both holes cut vein style mineralization, approximately 300 m down dip of trench exposures. The best result from 2012 drilling was an interval that graded 3.39 g/t gold and 205 g/t silver over 2.28 m.

In 2012, exploration around the **Pika** zone expanded an area of mineralization intersected in DDH-KL-10-06 and DDH-KL-10-09 during the 2010 program. Eight diamond drill holes were completed in 2012, seven of which intersected significant mineralization. The Pika zone has demonstrated good continuity in drilling, over a strike length of 740 m and to a depth of 250 m. The best mineralization intersected in 2012 came from an interval in DDH-KL-12-114, which graded 2.25 g/t gold and 40 g/t silver across 12.58 m, including sub-intervals of 9.55 g/t gold and 137 g/t silver over 1.00 m and 11.3 g/t gold and 233 g/t silver over 1.52 m.

Three new areas of mineralization were identified in 2012; the AEX, Chevron and Dickson zones. These zones were discovered through excavator trenching and were subsequently tested by diamond drilling. The three new zones lie south of the BRX zone, widening the mineralized structural corridor to 1800 m.

The **AEX** zone is the most northerly of the new zones and is located approximately 150 to 200 m south of the BRX zone. It is also the largest, with a drill indicated strike length of 1650 m. The

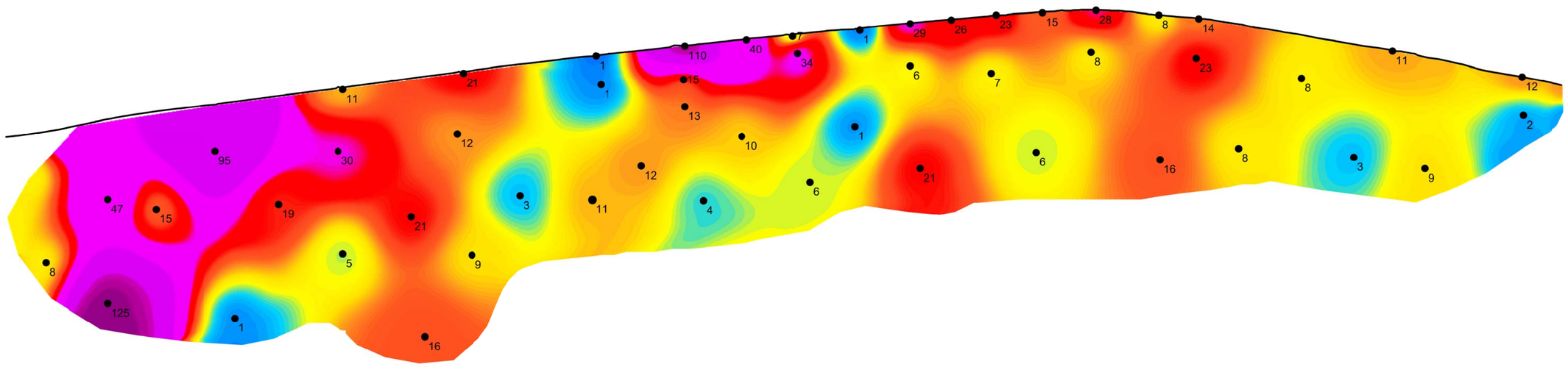
BRX Inclined Longitudinal Section

125°

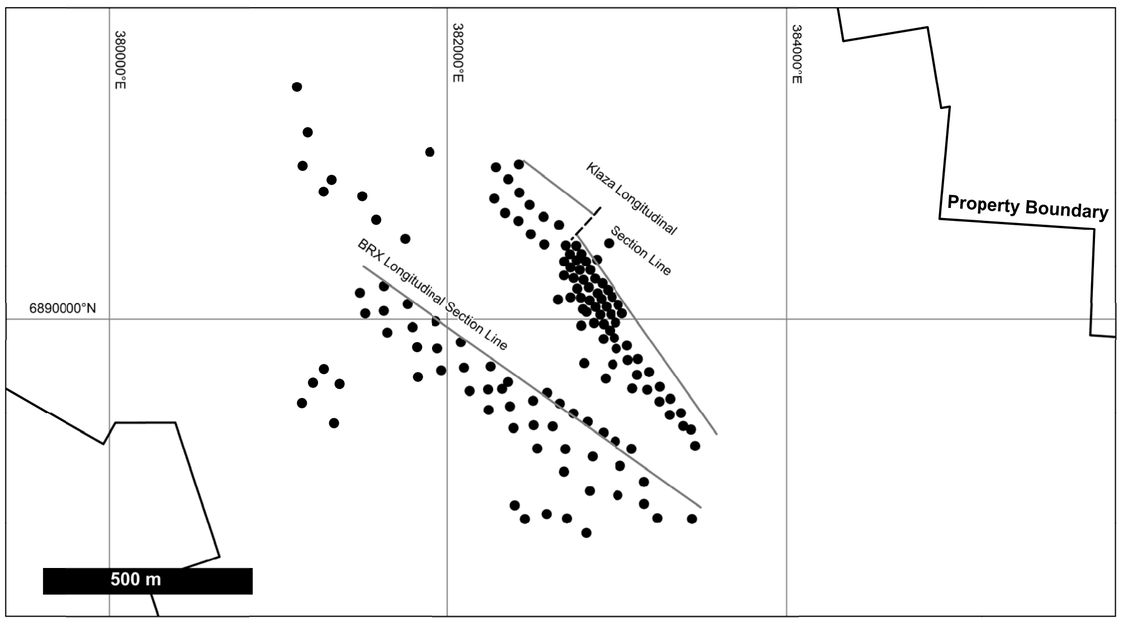
Looking Northeast

Elevation in meters
above sea level

1400 m
1350
1300
1250
1200
1150
1100
1050
1000
950
900
850
800 m



2.4 km



Gold Equivalent x Meters (g x m)/t

20-125
10-20
5-10
0-5

Drill hole and trench interception point, respectively, displaying gold equivalent x meters

ROCKHAVEN RESOURCES LTD.

FIGURE 82

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Vertical Longitudinal Section

BRX Zone

KLAZA PROPERTY

0 50 100 150 200 250 m

UTM ZONE 8, NAD 83

FILE: ...2012\Klaza\2013 Klaza Assessment Report | DATE: MAY 2013

best drill intercept from the AEX zone came from DDH-KL-12-91 and graded 17.65 g/t gold and 119 g/t silver over 1.05 m.

The **Dickson** zone has been tested by eight holes in two areas located approximately 1500 m apart. These drill areas lay within the same 3000 m long, geophysical and multi-element soil geochemical anomaly. The deepest intercept on the Dickson zone is 100 m down dip of surface and returned 7.08 g/t gold and 127 g/t silver over 1.00 m. Drilling needs to be done between the two areas of mineralization to confirm continuity along the anomalous trend.

The **Chevron** zone hosts multiple vein structures that have only been tested by two diamond drill holes and one excavator trench over a 250 m strike length. The best drill intercept returned 3.97 g/t gold and 95.4 g/t silver across 1.26 m.

Significant results from the 2010, 2011 and 2012 diamond drill program are shown on Table IX below.

Table IX – Significant Diamond Drill Hole Results

Hole ID	Zone ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Gold Equiv.*
KL-10-03	Central Klaza	32.96	35.5	2.54	4.34	71.2	5.76
and		62.08	112.36	50.28	1.1	23.5	1.57
including		62.08	64.74	2.67	2.41	130.1	5.01
including		86.93	106.68	19.75	2.29	36.1	3.01
including		86.93	89.55	2.62	13.05	143	15.91
KL-10-04	BRX	97.6	98.75	1.15	1.55	23.2	2.01
and		109.83	111	1.17	5.07	53.6	6.14
KL-10-06	Pika	21.64	25	3.36	32.52	34.3	33.2
KL-10-07	Central Klaza	33.5	34.5	1	1.91	38.5	2.68
and		57.8	58.8	1	5.51	107	7.65
and		128	164.5	36.5	3.23	117.7	5.58
including		134	149.3	15.3	7.2	260	12.4
including		138.5	139.5	1	39.3	709	53.48
including		146.77	149.3	2.53	24.7	1087	46.44

KL-10-09	Pika	25.4	26.4	1	2.89	78	4.5
KL-10-10	Central Klaza	137	211.3	74.3	0.7	8.3	0.87
including		137	146.3	9.3	1.51	7.4	1.66
including		137	139.15	2.15	3.81	21.5	4.24
including		145.1	146.3	1.2	4.12	7.8	4.28
including		178	211.3	33.3	1.04	14.7	1.33
including		178	179	1	8.78	182	12.42
including		203	204	1	3.81	19.8	4.21
including		210	211.3	1.3	12.9	181	16.52
KL-10-11	AEX	88	89	1	0.45	99.2	2.43
and		110.2	111.2	1	2.25	25	2.75
and	BRX	182	189.6	7.6	0.89	9.17	1.07
including		182	183	1	2.86	3.7	2.93
and including		188.66	189.6	0.94	3.43	66.8	4.77
and		199.2	200.2	1	1.48	43.6	2.35
and		218	219	1	2.66	8.2	2.82
KL-11-12	Central Klaza	107.08	108.1	1.02	3.06	253	8.12
and		194.4	196.36	1.96	1.98	49	2.96
and		217.34	225.8	8.46	1.75	42	2.59
including		221	225.8	4.8	2.8	70	4.2
and		257.7	258.72	1.02	3.7	7	3.84
KL-11-13	Central Klaza	89.23	94	4.77	1.71	34	2.39
and		137.23	139.16	1.93	1.13	37	1.87
and		156.45	203.61	47.16	0.52	6	0.64
including		156.45	165.46	9.01	1.24	12	1.48
KL-11-14	Central Klaza	120.1	121.1	1	1.75	32	2.39

and		155.13	156.07	0.94	0.58	135	3.28
and		231.76	232.79	1.03	7.99	45	8.89
and		289.68	307.46	17.78	1.14	12	1.38
including		289.68	297.79	8.11	2.39	22	2.83
KL-11-15	Central Klaza	76.66	87.12	10.46	4.24	15	4.54
and		109.8	111.18	1.38	1.98	56	3.1
KL-11-16	Central Klaza	55.28	57	1.72	1	16	1.32
and		79.71	94.82	15.11	2.89	49	3.87
including		88.04	94.82	6.78	6.09	101	8.11
KL-11-17	Central Klaza	141.42	142.5	1.08	9.68	211	13.9
and		207.27	219.3	12.03	3.78	25	4.28
including		215.36	219.3	3.94	11.25	72	12.69
and		267.11	269.58	2.47	3.98	20	4.38
KL-11-18	Central Klaza	72.48	75.26	2.78	0.94	12	1.18
and		131.22	172.77	41.55	0.75	18	1.11
including		131.22	136.25	5.03	1.07	84	2.75
and		153	172.77	19.77	1.03	9	1.21
KL-11-19	Central Klaza	176.28	177.79	1.51	1	19	1.38
and		204.49	234.91	30.42	1.27	12	1.51
including		232.02	234.91	2.89	7.81	43	8.67
KL-11-20	Central Klaza	61.29	62.37	1.08	0.57	83	2.23
and		118.12	119.14	1.02	1.48	78	3.04
and		213.94	215.79	1.85	1.84	3	1.9
and		226.55	228.21	1.66	1.29	55	2.39
and		262	263	1	11.9	12	12.14
and		274.3	277.22	2.92	1.99	16	2.31
and		314.29	317.34	3.05	1.54	7	1.68

and		345.47	356.32	10.85	1.75	11	1.97
KL-11-21	Central Klaza	133	145.34	12.34	1.25	31	1.87
including		133	134.92	1.92	7.24	176	10.76
and		166.48	171.88	5.4	2.37	23	2.83
KL-11-22	BRX	56.2	61.4	5.2	0.47	124	2.95
KL-11-23	BRX	109	110.55	1.55	3.99	229	8.57
KL-11-24	BRX	72	73.37	1.37	3.15	72	4.59
KL-11-25	Central Klaza	52.48	64.42	11.94	2.31	41	3.13
including		52.48	58.75	6.27	4.22	75	5.72
and		94.7	95.71	1.01	7.48	445	16.38
KL-11-26	Central Klaza	72.01	83.34	11.33	0.98	15	1.28
KL-11-27	Central Klaza	101.28	114.33	13.05	2.27	15	2.57
including		101.28	103.22	1.94	8.56	77	10.1
and		143.82	170.03	26.21	1.76	26	2.28
including		144.37	145.16	0.79	27.4	549	38.38
including		155.93	157.53	1.6	6.43	50	7.43
including		168.57	170.03	1.46	7.41	54	8.49
and		211.99	213.43	1.44	10.19	23	10.65
including		211.99	212.6	0.61	21.3	39	22.08
KL-11-28	Central Klaza	72.48	75.1	2.62	1.6	32	2.24
and		202	202.63	0.63	5.41	54	6.49
and		253.66	255.12	1.46	10.25	585	21.95

KL-11-29	BRX	31.9	41.24	9.34	1.95	147	4.89
including		31.9	34.9	3	3.29	407	11.43
KL-11-31	Central Klaza	229.73	231.72	1.99	2.58	19	2.96
and		248.52	249.53	1.01	5.07	98	6.87
KL-11-32	Central Klaza	70.36	71.34	0.98	0.68	98	2.64
and		117.09	118.04	0.98	4.2	16	4.52
and		122.81	123.43	0.62	2.47	14	2.75
KL-11-33	BRX	120.3	121.64	1.34	5.51	180	9.11
KL-11-34	Western Klaza	16.52	18.53	2.01	1.48	33	2.14
and		148.95	157.42	8.47	1.31	66	2.63
including		156.28	157.42	1.14	5.84	122	8.28
KL-11-35	BRX	112.42	115.44	3.02	3.03	84	4.71
including		126.74	130.6	3.86	5.85	92	7.69
KL-11-36	Western Klaza	59.42	62.46	3.04	0.41	165	3.71
and		136	138	2	1.61	102	3.65
and		174	176.02	2.02	1.48	32	2.12
and		242.71	245	2.29	1.37	32	2.01
KL-11-37	BRX	81.13	95.93	14.8	5.43	50	6.43
including		81.13	82.83	1.7	11.05	133	13.71
and including		88.95	90.17	1.22	34	298	39.96
and including		94.68	95.93	1.25	13.1	97	15.04

KL-11-38	Central Klaza	64.82	84.22	19.4	0.99	25	1.49
including		66.8	69.7	2.9	2.88	14	3.16
including		75.38	76.62	1.24	6	179	9.58
and		102.87	104.19	1.32	6.67	94	8.55
and		115.55	116.77	1.22	3.54	42	4.38
KL-11-39	BRX	151.29	152.94	1.65	23.5	239	28.28
KL-11-40	Central Klaza	63.33	68.02	4.69	5.39	26	5.91
and		82.36	83.36	1	4.48	5	4.58
and		130.6	137.68	7.08	0.7	13	0.96
and		175.65	177.17	1.57	2.06	11	2.28
KL-11-41	Central Klaza	183.63	193.31	9.68	1.59	9	1.77
and		207.44	212.58	5.14	1.16	12	1.4
and		253.31	254.75	1.44	3.09	12	3.33
and		306.93	308.31	1.38	1.08	17	1.42
and		340.3	341.3	1	2.6	16	2.92
KL-11-42	Regional	41.63	42.51	0.88	1.45	30	2.05
and		94.82	96.62	1.8	0.01	422	8.45
KL-11-43	Central Klaza	89.44	90.8	1.36	1.95	84	3.63
and		120.15	135.02	14.87	1.08	18	1.44
and		149.95	151.66	1.71	3.02	46	3.94
and		202.59	208.8	6.21	0.93	16	1.25
and		260.55	262.7	2.15	4.42	12	4.66
KL-11-44	Central Klaza	14.21	17.02	2.81	0.86	9	1.04
and		80.39	82.19	1.8	1.85	67	3.19
and		193	194.42	1.42	0.5	143	3.36
and		234	235	1	2.56	3	2.62

and		291.55	301.7	10.15	2.67	50	3.67
including		291.55	296.41	4.86	4.76	88	6.52
and		342.96	343.98	1.02	1.63	35	2.33
KL-11-45	Regional	125.64	127.1	1.46	1.05	51	2.07
and		134.95	136.25	1.3	2.94	94	4.82
KL-11-46	Central Klaza	179.03	204.51	25.48	0.53	11	0.75
including		179.03	188.15	9.12	0.88	22	1.32
and		242.9	243.71	0.81	11.95	151	14.97
and		293.48	294.68	1.2	4.25	16	4.57
KL-11-47	Central Klaza	57.72	61.48	3.76	6.93	36	7.65
and		73.86	74.86	1	2.79	52	3.83
and		145.39	157.52	12.13	1.18	14	1.46
including		156.52	157.52	1	9.28	78	10.84
KL-11-50	Central Klaza	51.05	53.95	2.9	14.05	30	14.65
and		108.49	125.01	16.52	1.18	6	1.3
and		199.35	214.22	14.87	1.02	8	1.18
and		252.02	253.48	1.46	4.71	19	5.09
KL-11-52	Central Klaza	149.24	166.09	16.85	1.2	8	1.36
and		192.51	193.53	1.02	2.48	49	3.46
and		257.37	265.55	8.18	2.22	19	2.6
including		263.08	263.58	0.5	31.1	208	35.3
KL-11-53	Central Klaza	33.38	34.28	0.9	3.26	4	3.34
and		45.27	58.26	12.99	0.77	5	0.87
including		45.27	49.89	4.62	1.41	7	1.55
and		174.67	176.46	1.79	8.19	30	8.79

KL-11-55	Central Klaza	82.85	84.43	1.5	4.87	35	5.57
and		244	255.34	11.34	0.76	10	0.96
and		264.46	265.58	1.12	3.08	57	4.22
and		276.8	284.22	7.42	0.67	46	1.59
and		308.25	311.22	2.97	2.26	21	2.67
and		369.64	370.64	1	3.37	141	6.19
KL-11-56	Central Klaza	109.12	121.63	12.51	5.03	14	5.31
and		232.23	233.23	1	9.34	76	10.86
KL-11-57	Central Klaza	60.05	71.95	11.9	0.58	8	0.74
including		67.63	71.95	4.32	0.96	10	1.16
KL-11-58	Central Klaza	18.62	20.42	1.8	2.79	26	3.31
and		61.32	62.32	1	2.85	47	3.79
and		70.07	71.35	1.28	13.05	60	14.25
and		179.28	196.7	17.42	1.5	36	2.22
including		182.66	184.86	2.2	4.38	192	8.22
including		187.56	188.96	1.4	5.11	27	5.65
including		195.7	196.7	1	3.81	112	6.05
and		238.07	239.51	1.44	2.46	28	3.02
and		248.97	249.97	1	5.45	18	5.81
and		264.2	265.2	1	3.66	112	5.9
and		290.03	291.03	1	3.84	44	4.72
KL-11-59	Central Klaza	107.65	119.22	11.57	0.57	12	0.81
including		117.67	119.22	1.55	1.2	6	1.32
KL-11-60	Central Klaza	66.14	67.06	0.92	4.45	6	4.57
and		90.03	96.38	6.35	1.17	16	1.49
and		133.19	138.01	4.82	1.42	22	1.86
and		234.62	239.95	5.33	0.82	6	0.94
and		261.21	265.95	4.74	0.86	17	1.2

and		293.41	295.33	1.92	1.17	17	1.51
KL-11-61	Central Klaza	15.04	17.47	2.43	2.03	23	2.49
and		24.28	27.35	3.07	1.76	7	1.9
and		75.08	82.2	7.12	1.39	19	1.77
and		160.63	184.9	24.27	1.21	8	1.37
and		279.86	286.66	6.8	0.81	7	0.95
and		299.75	301.05	1.3	1.42	105	3.52
and		308.73	309.98	1.25	2.92	41	3.74
KL-11-62	Central Klaza	51.81	55.4	3.59	3.81	14	4.09
and		161.03	173.2	12.17	0.65	25	1.15
including		161.03	163.68	2.65	1.5	71	2.92
and		275.03	276.03	1	1.02	169	4.4
and		299.05	300.7	1.65	7.17	14	7.45
KL-11-63	Central Klaza	69.77	71.2	1.43	6.29	342	13.13
and		125.41	126.41	1	1.84	111	4.06
and		300.67	310.92	10.25	1.17	15	1.47
including		300.67	301.67	1	8.17	91	9.99
KL-11-51x	Eastern Klaza	250.3	251.5	1.2	2.07	27.9	2.63
and		427.39	428.43	1.04	0.88	10.7	1.09
and		435.32	439.27	3.95	0.82	8.45	0.99
KL-12-64	Eastern Klaza	56.46	61.14	4.68	0.76	8.85	0.94
and		88.84	93.26	4.42	2.07	20.74	2.48
and		125	126.33	1.33	2.02	46.7	2.95
KL-12-65	Eastern Klaza	11.87	12.87	1	2.78	20	3.18
and		97.15	98.44	1.29	1.47	10.8	1.69
and		119.82	121.84	2.02	1.78	12.9	2.04
and		130.7	135.04	4.34	3.91	30.2	4.51

including		134.04	135.04	1	16.05	90.2	17.85
and		188.61	190.77	2.16	0.81	98	2.77
KL-12-66		51.28	59.98	8.7	0.74	35.01	1.44
including	BRX	58.98	59.98	1	2.63	261	7.85
and		63.39	64.39	1	2.5	24.6	2.99
and		80.53	81.53	1	2.93	15	3.23
and	Pika	276.95	277.9	0.95	0.64	130	3.24
KL-12-67		119.98	121	1.02	2.34	234	7.02
and	Eastern Klaza	131.7	135.15	3.45	1.03	129.12	3.61
including		132.7	133.95	1.25	2.07	341	8.89
and		203.78	206.35	2.57	3.07	23.1	3.53
KL-12-68		53.18	54.18	1	5.19	34	5.87
and		88.82	96.55	7.73	0.81	6.35	0.93
including		88.82	90.78	1.96	1.16	14.21	1.44
and	Eastern Klaza	93.97	96.55	2.58	1.26	5.43	1.37
and		122.2	123.2	1	34.1	47.5	35.06
and		174.65	178.14	3.49	1.14	107.28	3.28
and		236.97	238.41	1.44	1.52	16.75	1.86
and		254.64	256.74	2.1	0.22	68.2	1.59
KL-12-69	BRX	190.44	194.86	4.42	3.23	58.88	4.41
including		190.44	192.26	1.82	5.79	40.2	6.59
KL-12-70	Eastern Klaza	37.29	38.3	1.01	1.065	7.89	1.22
KL-12-71		69.4	73.17	3.77	1.72	13.24	1.99
including	Eastern Klaza	69.4	71	1.6	3.03	28	3.87
and		99.89	108.05	8.16	1.25	14.89	1.55
including		99.89	104.98	5.09	1.67	21.55	2.1
and		147.7	148.83	1.13	1.31	81.8	2.99

and		177.26	179.37	2.11	0.8	48.22	1.76
and		196.32	199.79	3.47	0.93	24.12	1.41
and		206.39	208.63	2.24	1.27	11.51	1.5
KL-12-72	BRX	178.48	179.81	1.33	10.6	23.2	11.06
and		203.19	210	6.81	1.55	11.02	1.77
including		203.19	204.4	1.21	4.48	15.1	4.78
KL-12-73	Eastern Klaza	38.25	41.57	3.32	0.98	28.8	1.56
and		64.55	65.55	1	2.3	36.2	3.02
and		165.3	166.5	1.2	0.62	84.1	2.3
and		237.75	238.82	1.07	2.06	6.15	2.18
KL-12-74	BRX	206.89	207.89	1	4.85	35.7	5.56
and		244.64	246.7	2.06	3.75	0.05	3.75
KL-12-75	Eastern Klaza	78.68	80.5	1.82	5.66	5.57	5.77
and		103.3	104.3	1	2.91	299	8.89
KL-12-76	Eastern Klaza	92	93.08	1.08	1.64	6.97	1.77
and		103.27	111.51	8.24	1.11	5.27	1.22
Including		103.27	104.53	1.26	3.22	6.82	3.36
and		173.94	175.35	1.41	0.77	86.4	2.5
KL-12-77	Eastern Klaza	58	59	1	14.65	392	22.49
and		193.04	199.26	6.22	1.39	16.07	1.71
and		194.26	195.26	1	7.43	65.2	8.73
KL-12-78	Eastern Klaza	48.22	57.27	9.05	1.119	38.54	1.89
and		97.05	98.05	1	2.43	22.6	2.88
and		191.43	193.45	2.02	1.08	9.02	1.26
and		203.85	205.98	2.13	1.3	4.67	1.39

KL-12-79	Western Klaza	91.56	94.77	3.21	3.18	516	13.5
including		92.65	93.77	1.12	7.47	1350	34.5
KL-12-80	Eastern Klaza	187.53	189.95	2.42	2.29	24.7	2.78
and		196.95	204.2	7.25	1.06	8.58	1.23
including		203.15	204.2	1.05	6.52	6.88	6.66
and		288	289.25	1.25	1.94	3.22	2
KL-12-81	Dickson	12.68	13.68	1	2.84	14.5	3.13
and		28.24	29.76	1.52	1.61	3.44	1.67
and		59.43	61.61	2.18	4.81	2.36	4.86
and		89.37	90.37	1	3.63	130	6.23
KL-12-82	Eastern Klaza	92.9	94.5	1.6	0.85	369	8.23
and		185.52	189.75	4.23	0.54	36.09	1.26
including		185.52	186.52	1	1.76	146	4.68
and		240.22	247.04	6.82	1.13	14.62	1.42
including		240.22	241.23	1.01	3.19	49.2	4.17
KL-12-83	Dickson	45.01	46.36	1.35	5.83	132	8.47
and		105.83	107.17	1.34	0.73	59.1	1.91
KL-12-85	Eastern Klaza	207.64	208.64	1	0.62	36.5	1.35
KL-12-86	Dickson	115.69	116.69	1	7.08	127	9.62
KL-12-87	Regional	194.5	196	1.5	1.19	7.06	1.33
KL-12-88	BRX	236.83	247.42	10.59	1.36	58.1	2.52

including		236.83	239.41	2.58	4.64	181	8.26
KL-12-89	Pika	55.39	57.59	2.2	3.84	43.2	4.7
KL-12-91	AEX?	98.02	99.07	1.05	17.65	119	20.03
and	BRX	295.13	296.5	1.37	3.27	33.6	3.94
and		333.89	336.13	2.24	0.73	19.5	1.12
KL-12-92	Pika	117.08	120.05	2.97	1.14	4.5	1.23
and	Herc	171.82	172.82	1	2.8	8.46	2.97
KL-12-95	Pika	121.65	123.08	1.43	1.38	0.74	1.39
and	Herc	250.57	252.85	2.28	3.39	205	7.49
and		258.75	259.75	1	1.38	53.7	2.45
KL-12-93	Pika	90.17	93.59	3.42	1.51	23.2	1.97
including		90.17	91.51	1.34	3.47	21.2	3.94
and		108.7	109.7	1	6.29	61.9	7.53
KL-12-96	BRX	329.74	345.36	15.62	5.78	111	8
including		329.74	332.06	2.32	25.1	621	37.5
and including		342.46	345.36	2.9	10.55	92.7	12.4
KL-12-97	AEX	63.85	65.33	1.48	1.15	5.54	1.26
and		72.74	75.29	2.55	1.57	4.26	1.66
and	BRX	223.86	225.69	1.83	1.61	12.7	1.86
and		236.92	248.51	11.59	1.71	6.44	1.84
including		236.92	238.23	1.31	13.05	17.65	13.4
KL-12-99	BRX	204.22	205.22	1	0.52	118	2.88

KL-12-100	Herc	208.55	209.55	1	0.45	61.4	1.68
and		247.04	248.04	1	1.31	29.3	1.9
KL-12-101	Dickson	44.37	45.6	1.23	2.37	34.4	3.06
KL-12-102	BRX	296.93	308.2	11.27	0.31	40.5	1.12
including		296.93	298.44	1.51	1.75	209	5.93
KL-12-103	AEX	19.28	20.28	1	1.16	35.7	1.87
and		26.07	29.9	3.83	1.21	49	2.19
including		28.38	29.9	1.52	1.9	111	4.12
KL-12-105	BRX	179.84	180.95	1.11	0.54	50	1.54
and		189.46	191.11	1.65	1.62	286	7.34
KL-12-106	BRX	227.99	228.99	1	1.01	59.3	2.2
and		250.36	251.36	1	3.42	116	5.74
KL-12-107	Western Klaza	111.49	112.49	1	4.64	191	8.46
and		121.73	122.73	1	1.18	3.42	1.25
and		204.8	206.08	1.28	2.13	4.94	2.23
KL-12-108	Dickson	73.71	77.09	3.38	3.09	78.6	4.66
KL-12-109	AEX	4.9	6.89	1.99	1.29	24.7	1.78
and	BRX	266.67	267.86	1.19	3.57	283	9.23
and		276.97	277.97	1	0.92	16.9	1.26

KL-12-110		36.82	38.05	1.23	1.39	7.64	1.54
and		49.22	50.22	1	1.96	8.46	2.13
and		56.53	62.94	6.41	1.71	10.53	1.92
including		61.83	62.94	1.11	4.81	39.1	5.59
and		113.75	114.77	1.02	1.22	156	4.34
and	Eastern Klaza	136.8	137.8	1	0.72	33.6	1.39
and		212.52	213.52	1	1.26	3.97	1.34
and		218.82	219.82	1	1.67	6.1	1.79
and		233	234.01	1.01	1.55	40.2	2.35
and		298.35	299.94	1.59	1.5	2.76	1.56
and		302.97	304.08	1.11	1.4	2.77	1.46
and		319.64	322.01	2.37	3.18	1.67	3.21
KL-12-112	BRX	262.34	263.11	0.77	1.74	167	5.08
and		266.09	267.09	1	1.08	19.8	1.48
KL-12-114	BRX	45.58	47.85	2.27	6.86	153	9.92
and		81.15	82.15	1	2.26	51.2	3.28
and		106.64	119.22	12.58	2.25	40	3.05
including	Pika	106.64	107.64	1	9.55	137	12.3
and including		117.7	119.22	1.52	11.3	233	16
and	Herc	183.51	185.85	2.34	1.32	8.4	1.48
KL-12-115		180.42	181.53	1.11	1.6	1.08	1.62
and	Western Klaza	214.47	221.59	7.12	4.51	332	11.15
including		214.47	215.5	1.03	2.98	1560	34.18
and including		219.48	221.59	2.11	13.75	357	20.89
KL-12-116		115.75	116.75	1	0.53	53.6	1.6
and	Eastern Klaza	211.09	212.09	1	2.56	2.31	2.61
and		226.79	227.92	1.13	2.15	8.35	2.32
and		229.24	230.62	1.38	0.98	19.6	1.37

and		273.35	274.35	1	0.98	12.9	1.24
and		297.74	298.79	1.05	3.81	6.6	3.94
and		323.81	325.22	1.41	0.7	34.9	1.4
and		368.5	369.51	1.01	1.76	11.65	1.99
and		396	397	1	1.22	0.59	1.23
KL-12-117	Chevron	108.81	109.81	1	1.73	38	2.49
KL-12-118	BRX	158.42	166.05	7.63	0.62	33.3	1.29
including		165.05	166.05	1	1.85	145	4.75
KL-12-120	Chevron	72.79	73.8	1.01	2.54	45.6	3.45
and		101.09	102.35	1.26	3.97	95.4	5.88
and		118.73	119.73	1	0.34	50	1.34
KL-12-121	Eastern Klaza	87.69	89.03	1.34	1.29	5.02	1.39
and		93.5	94.5	1	0.71	25.1	1.21
and		295.7	296.85	1.15	1.24	1.58	1.27
and		301.1	302.12	1.02	1.22	2.48	1.27
and		374.6	376.42	1.82	1.52	4.14	1.6
and		386.6	404.63	18.03	1.43	2.69	1.48
including		386.6	387.7	1.1	5.3	11.8	5.54
and including		393.79	396.09	2.3	3.88	4.38	3.97
KL-12-122	Western Klaza	35.45	37.2	1.75	0.48	82.5	2.13
and		160.2	161.5	1.3	0.7	40.1	1.5
and		207.07	208.07	1	2.42	37	3.16
and		235.45	238.35	2.9	1.44	15.83	1.76
including		235.45	237.16	1.71	2.09	20.3	2.5
and		301.2	302.25	1.05	15.9	333	22.6
KL-12-123	BRX	248.85	249.85	1	5.09	37.4	5.84

and		258.33	259.53	1.2	1.89	13.9	2.17
and		277.07	278.07	1	1.02	15.05	1.32
KL-12-124		7.2	9.82	2.62	1.33	42.6	2.18
and	Western Klaza	42	43	1	0.67	49.5	1.66
and		202.94	203.94	1	1.98	72.3	3.43
and		260.75	264.59	3.84	0.95	40.1	1.75
and		291.78	292.91	1.13	1.08	34.1	1.76
KL-12-125		202.93	203.98	1.05	3.94	18.2	4.3
and		225.17	228.69	3.52	1.83	17.81	2.19
including		225.17	226.51	1.34	2.69	29.9	3.29
and		236.83	237.83	1	1.56	18.55	1.93
and	BRX	252.07	257	4.93	2.86	20.2	3.26
including		252.07	253.44	1.37	5.75	8.05	5.91
and including		255.85	257	1.15	5.36	75.8	6.88
and		265.26	266.26	1	2.49	3.33	2.56
and		269.73	270.73	1	4.96	5.95	5.08
KL-12-126		65.3	68.95	3.65	1.31	43.9	2.19
including	BRX	65.3	66.4	1.1	1.62	116	3.94
and including		67.8	68.95	1.15	2.4	22.9	2.86
and		133.7	135.3	1.6	4.4	4.06	4.48
and	Pika	145.4	147.3	1.9	2.06	23.9	2.54
and		179.92	181.97	2.05	1.58	1.54	1.61
and		189.5	190.5	1	1.56	2.5	1.61
KL-12-127		37.51	38.56	1.05	1.72	94.8	3.62
and	Western Klaza	168.11	169.11	1	5.73	204	9.81
and		186.35	187.35	1	1.41	169	4.79
KL-12-128	BRX	160.74	162.15	1.41	1.15	10.85	1.37

and		163.8	164.8	1	0.8	23.6	1.27
and		171.48	174.15	2.67	1.08	0.96	1.1
KL-12-131	Western Klaza	168.8	172.3	3.5	1.28	14.69	1.57
including		168.8	169.9	1.1	2.75	1.05	2.77
and		243.09	246.5	3.41	1.28	135	3.98
including		243.09	245.25	2.16	1.25	207	5.39
and		291.5	292.5	1	0.55	46	1.47
KL-12-132	BRX	186.88	188.36	1.48	5.11	41.1	5.93
KL-12-133	Central Klaza	104.2	105.2	1	0.82	88.4	2.59
and		136.25	137.27	1.02	1.03	28.3	1.6
and		160.63	161.63	1	1.62	105	3.72
and		237.41	239.41	2	2.36	218	6.72
including		237.41	238.41	1	3.22	400	11.22
and		260.45	261.45	1	1.92	13.6	2.19
and		292.77	293.77	1	2.13	19.3	2.52
and		334.3	336.1	1.8	2.78	29	3.36
and		359.93	360.93	1	0.66	265	5.96
and		383.27	384.27	1	0.97	16	1.29
and		422.76	423.76	1	1.57	55.3	2.67
and		439	445.7	6.7	11.9	5.23	12.01
including		439	440	1	5.25	8.32	5.42
and including		442.7	445.7	3	24.5	3.39	24.57
KL-12-134	BRX	65.6	66.9	1.3	0.36	53.1	1.42
KL-12-135	BRX	433.51	436.15	2.64	3.66	112	5.9
including		434.7	436.15	1.45	5.87	197	9.81

MAGNETIC SUSCEPTIBILITY DATA

Magnetic susceptibility measurements taken from 2010, 2011 and 2012 drill core indicate that the hydrothermally altered structural zones are considerably less magnetic than the unaltered granodiorite which surrounds them. Table X summarizes magnetic susceptibility data from drill holes completed from 2010 to 2012.

Table X – Magnetic Susceptibility Data

Average Magnetic Susceptibility (SI) of core from hanging wall of zone (range)	Average Magnetic Susceptibility (SI) of core within zone (range)	Average Magnetic Susceptibility (SI) of core from footwall of zone (range)
9.72 (0.52 to 27.62)	1.08 (0.25 to 2.94)	7.57 (0.24 to 26.39)

Subsidiary structures outside of the main zones are usually marked by narrow alteration envelopes (between 1 and 3 m wide), which have magnetic susceptibility values similar to the main zones. Measurements from these subsidiary structures account for the low-range values in the hanging wall and footwall rocks.

DENSITY DATA

Density measurements were systematically taken on core, throughout the 2011 and 2012 drill programs with a total of 1195 density measurements from 109 of the 124 holes. Measurements are mostly from vein, porphyry dyke, fresh granodiorite and mineralized granodiorite but also include aplite and mafic dyke material. Sample densities were determined by cutting a 10 cm long section of core and then determining its weight dry and its weight in water. That data is applied to the following formula to establish the density of each sample:

$$\textbf{Density} = (\text{dry weight} \div \text{weight in water}) \times [\text{Pi} \times (\text{diameter of core} \div 2)^2 \times \text{length of core}]$$

For samples that could not be cut, a graduated cylinder (filled with water) was used to calculate the volume of the core sample and in turn the sample's density. Employing this technique, each sample was first weighed in air, then its displacement was calculated using a volumetric cylinder. A second formula was then used to determine the density of each sample:

$$\textbf{Density} = \frac{\text{Weight of sample in air (g)}}{\text{Volume}_{\text{final}}\,(\text{mL}) - \text{Volume}_{\text{initial}}\,(\text{mL})}$$

Results from the density program are shown in Table XI.

Table XI – Density Values Comparing Rock Types

Material	# of Samples	Highest Value	Lowest Value	Average Value
Porphyry Dyke	123	4.43	2.08	2.67
Mineralized Interval^	80	5.19	2.39	3.26
Mineralized Vein	22	5.19	2.80	3.70
Mineralized Granodiorite*	53	4.48	2.43	2.92
Unaltered Granodiorite	895	4.20	1.72	2.67
Other	44	3.54	2.33	2.78

^Interval grading greater than 1.0 g/t gold

*Phyllic, argillic and propylitic altered granodiorite hosting narrow quartz-sulphide veins and veinlets. Breccia veins and gouge also occasionally present.

Mineralized materials usually contain significant concentrations of pyrite and galena, both of which have much higher specific gravities than normal rock forming minerals. This is demonstrated in the table, which shows that veins, mineralized intervals and mineralized granodiorite all have higher average density values than the surrounding unmineralized rocks.

SOIL GEOCHEMICAL SAMPLING

From 1967 to present various operators have collected soil geochemical samples from the eastern part of the Property. Historical samples were collected on baseline-controlled grids established using hip-chain and compass. Baselines were marked with one metre high wooden lath and sample sites were marked with 0.5 metre wooden lath; however, few of these markers are currently standing. Early soil sampling identified linear gold±silver±lead anomalies, which correspond to some of the known mineralized zones, and a large (1000 by 1500 m) area with moderately to strongly anomalous copper-in-soil response in the southeastern corner of the Property.

In 2010 and 2011, Rockhaven expanded grid sample coverage to the west and north of the earlier grids, and completed a few lines of contour samples in the northwestern part of the Property. Most of the 2012 soil geochemical sampling was done to better explore the newly acquired, southeast portion of the Property. The majority of these samples were taken between one and three kilometres southeast of the known structural zones that host precious metal mineralization. Effectiveness of soil sampling was generally limited by thick layers of organic material and overburden, and in many areas, by permafrost. Despite these limitations, soil sampling appears to be the most effective surface exploration technique for identifying trenching targets on the Property.

A total of 1412 soil samples were collected in 2012 at 50 m intervals along lines spaced 100 m apart. Sampling and Analytical Procedures for the soil samples are explained in Appendix IV while Certificates of Analyses are provided in Appendix V. The 2012 soil sample locations are shown on Figure 83.

Results for gold, silver, lead, arsenic and copper are illustrated thematically on Figures 84, 85, 86, 87, and 88, respectively. Table XII lists anomalous thresholds and peak values for these elements. The results from the 2012 geochemical survey significantly expanded the area of anomalous response in the southeastern part of the Property, and these results correlate well with those from previous geochemical and geophysical programs.

Table XII – Thresholds for Soil Values

	Anomalous Thresholds			**Peak Value**		
Element	**Weak**	**Moderate**	**Strong**	**2010**	**2011**	**2012**
Gold (ppb)	≥ 20 < 50	≥ 50 < 100	≥ 100	856	320	920
Silver (ppm)	≥ 0.5 < 1	≥ 1 < 2	≥ 2	5.8	61.3	20.9
Lead (ppm)	≥ 20 < 50	≥ 50 < 100	≥ 100	494	606	722
Copper (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200	94	512	1870
Arsenic (ppm)	≥ 20 < 50	≥ 50 < 100	≥ 100	349	213	1750

The Property exhibits distinct metal zonation from east to west. The eastern-most part of the Property hosts a large (2000 by 3000 m – based on compiled data) cluster of moderately to strongly anomalous copper values. Copper response across the remainder of the gridded area is more subdued. The more southerly BRX, AEX, Dickson and Chevron zones have weakly anomalous copper-in-soil signatures, while the zones further to the north show only background copper response. The structural corridor hosting the eight known mineralized zones is defined by broad, linear trends of moderately to strongly anomalous values for gold, silver, lead and arsenic. Similar but more discontinuous anomalies have been identified southwest of the structure corridor, where there are no known zones. Northwest of the main anomalies, elevated values occur as isolated samples or in small clusters. The lack of continuity in these outlying anomalies is likely due in part to more difficult sampling conditions.

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

The authors implemented QA/QC protocols for the 2012 exploration program at the Property, under supervision of H. Smith, P. Geo. Rules, which all employees that worked in or around the drills, core/sawing facility and trenches were required to follow, include: 1) maintaining a clean and uncontaminated work environment; 2) preparing blank samples in a dry, secure and separate location from the sample processing facility; 3) implementing a blank and standard insertion schedule in the sampling; 4) proper packaging and labelling of outgoing samples; and, 5) documented chain of custody from the worksite to the analytical laboratory.

In 2012, Archer Cathro ensured that a Chain of Custody form accompanied all batches of drill core during transportation from the Property to the laboratory. A unique security tag was attached to each individual fibreglass bag when the bag was sealed. The bags and security tags

Property Boundary

Inset

See Inset

6 890 000 mN

6 888 000 mN

372 000 mE

374 000 mE

376 000 mE

378 000 mE

380 000 mE

382 000 mE

384 000 mE

386 000 mE

2012 Soil Sample Locations

ROCKHAVEN RESOURCES LTD.

FIGURE 83

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2012 Soil Sample Locations

KLAZA PROPERTY

0 200 400 600 800 1000 m

UTM ZONE 8, NAD 83

FILE: ...2012\Klaza\2013 Klaza Assessment Report

DATE: MAY 2013

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change
decreasing 22.9'

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

KLAZA
BRX
BYG
HERC
PIKA
AEX
DICKSON
CHEVRON

Gold Geochemistry (ppb)
Using Triangulation Analytical Techniques

Mineralized Trend

≥100 < 6582
≥50 < 100
≥20 < 50
≥10 < 20
0 < 10

ROCKHAVEN RESOURCES LTD.

FIGURE 84
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD SOIL GEOCHEMISTRY
GRID VALUES
KLAZA PROPERTY

0 500 1000 1500 2000 m
UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change
decreasing 22.9'

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

KLAZA
BRX
BYG
HERC
PIKA
AEX
DICKSON
CHEVRON

Silver Geochemistry (ppm)
Using Triangulation Analytical Techniques

Mineralized Trend

≥2 < 61.3
≥1 < 2
≥0.5 < 1
≥0.2 < 0.5
0 < 0.2

ROCKHAVEN RESOURCES LTD.

FIGURE 85
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER SOIL GEOCHEMISTRY
GRID VALUES
KLAZA PROPERTY

0 500 1000 1500 2000 m
UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change
decreasing 22.9'

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

KLAZA
BRX
BYG
HERC
PIKA
AEX
DICKSON
CHEVRON

Lead Geochemistry (ppm)
Using Triangulation Analytical Techniques

Mineralized Trend

≥100 < 2,640
≥50 < 100
≥20 < 50
≥10 < 20
0 < 10

ROCKHAVEN RESOURCES LTD.

FIGURE 86
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD SOIL GEOCHEMISTRY
GRID VALUES
KLAZA PROPERTY

0 500 1000 1500 2000 m
UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

T.N.

1°59.4'

21°37'

Grid north

Magnetic north

Annual change
decreasing 22.9'

6 896 000 mN

6 894 000 mN

6 892 000 mN

6 890 000 mN

6 888 000 mN

6 886 000 mN

376 000 mE

378 000 mE

380 000 mE

382 000 mE

384 000 mE

386 000 mE

388 000 mE

KLAZA

BRX

BYG

HERC

PIKA

AEX

DICKSON

CHEVRON

Arsenic Geochemistry (ppm)
Using Triangulation Analytical Techniques

Mineralized Trend

≥100 < 1,750

≥50 < 100

≥20 < 50

≥10 < 20

0 < 10

ROCKHAVEN RESOURCES LTD.

FIGURE 87

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC SOIL GEOCHEMISTRY

GRID VALUES

KLAZA PROPERTY

0 500 1000 1500 2000 m

UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

T.N.
1°59.4'
21°37'
Grid north
Magnetic north
Annual change
decreasing 22.9'

6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
6 886 000 mN

376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
388 000 mE

KLAZA
BRX
BYG
HERC
PIKA
AEX
DICKSON
CHEVRON

Copper Geochemistry (ppm)
Using Triangulation Analytical Techniques

Mineralized Trend

≥200 < 1,870
≥100 < 200
≥50 < 100
≥20 < 50
0 < 20

ROCKHAVEN RESOURCES LTD.

FIGURE 88
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER SOIL GEOCHEMISTRY
GRID VALUES
KLAZA PROPERTY

0 500 1000 1500 2000 m
UTM ZONE 8, NAD 83

FILE: 2012/Klaza/2013 Klaza Assessment Report | DATE: MAY 2013

had to be intact in order to be delivered to ALS Minerals. If a security tag arrived at the laboratory damaged, an investigation into the sample bag was undertaken by ALS Minerals and Archer Cathro and any effected samples were not processed until the integrity of the samples was assured.

Digital analytical results were cross-referenced for silver, gold, copper, lead and zinc with certified hardcopy results from ALS Minerals. Blank samples were then identified and their results assessed for internal QC using a five times standard deviation multiple for acceptable tolerance, which for the blanks used was the lowest detection limit for the analytical instruments used at ALS Minerals. Values exceeding tolerance levels were further scrutinized for possible influence by strongly mineralized samples that may have preceded the blank samples.

Internal standards were identified and their analyses were assessed in a similar manner. Tolerances for failure were calculated for each of the Certified Standards. Precision tolerances were calculated using three standard deviations on either side of the mean, while bias tolerances were calculated using two standard deviations for two consecutive samples on the same side of the mean. Additional assessment was conducted by examining the sample series immediately preceding a failed sample for carry-over effects. Acceptable tolerance carry-over contamination is 1% of the preceding sample. All batches that had failures of standards and/or blanks were determined to pass once this tolerance was applied to data.

Three different Certified Standards were used during the 2012 drilling and trenching program. The Klaza 1 standard was randomly inserted into batches that were expected to return higher grade values for gold and silver. Batches that appeared to contain mainly average to lower grade samples had the Klaza 2 standard randomly inserted. Unmineralized material, or material appearing to be lower grade, had the Klaza 3 standard inserted.

The Klaza standards were prepared, homogenized and packaged by CDN Resource Laboratories Ltd. of Delta, B.C. All standards were certified by Smee & Associates Consulting Ltd. of North Vancouver, BC. The certified mean and two standard deviations for the various standards are shown on the following tables.

Table XIII – Klaza 1 Standard

Element	Certified Mean	Two Standard Deviations (Between Lab)
Gold	4.46 g/t	0.31 g/t
Silver	119.8 g/t	4.3 g/t
Copper	0.128 %	0.010 %
Lead	0.960 %	0.052 %
Zinc	1.590 %	0.080 %

Table XIV – Klaza 2 Standard

Element	Certified Mean	Two Standard Deviations (Between Lab)
Gold	2.23 g/t	0.16 g/t
Silver	25.3 g/t	2.1 g/t
Copper	0.045 %	0.004 %
Lead	0.283 %	0.016 %
Zinc	0.544 %	0.036 %

Table XV – Klaza 3 Standard

Element	Certified Mean	Two Standard Deviations (Between Lab)
Gold	0.766 g/t	0.072 g/t
Silver	9.49 g/t	0.95 g/t
Copper	0.011 %	0.001 %
Lead	0.136 %	0.010 %
Zinc	0.300 %	0.012 %

QC procedures for core samples involved the insertion of two blanks, two standards and one duplicate sample in every batch. Procedures for trench samples consisted of one blank and one standard in every batch. Results for the standard and blank samples from drilling and trenching are shown in Appendix VIII.

In 2012, all samples were routinely analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 48 other elements by four acid digestion (ME-MS61). All overlimit values were determined for gold by fire assay and gravimetric finish (Au-GRA22) and for silver using Ag-OG62.

If any standard or blank sample exceeded QC tolerances, the entire batch was reanalysed until all tolerances were met. The final results reported for both the 2012 drilling and trenching include only batches of analyses that passed the QC testing.

DISCUSSION AND CONCLUSIONS

The Property is situated in an active placer gold mining camp and historical hard rock gold and silver mining district, which lie within the southern, road accessible portion of the Dawson Range Gold Belt. Other important areas within this belt include the prolific Klondike Goldfields, the Casino porphyry copper-gold-molybdenum deposit and the recently discovered Coffee and Whitegold gold deposits.

Gold-silver mineralization at the Property is hosted in eight sub-parallel zones and numerous flanking structures, which collectively form a 1.8 km wide structural corridor within Mid-Cretaceous granitic country rocks. The zones are up to 100 m wide and consist of quartz-sulphide veins, breccias and fracture networks that are spatially associated with unmineralized feldspar porphyry dykes. They exhibit exceptional lateral and down dip continuity, and all zones remain open for extension along strike and to depth. The best mineralization appears to be concentrated in areas where vein zones related to two structural sets converge.

In large hydrothermal systems related to porphyry centres, silver and lead are usually concentrated in the distal structural environments, while copper and gold are generally more abundant closer to the core of the system. At the Property, the silver-lead grades are highest in the western-most trenches and holes and decrease to the east, thus indicating the main heat source for the mineralizing fluids is probably located farther to the east. The Late Cretaceous to Tertiary age, Mount Nansen Porphyry Complex, which is centered just east of the Property, is likely the main thermal driver for the hydrothermal system that deposited mineralization in the veins on the Property.

Carbonate Base Metal Gold (CBM) deposit type has been postulated as a possible classification for the mineralization at the Property. Key features of CBM deposits include: a portion of the gold existing as native gold; mineralization occurring over a large vertical extent; and, mineralization occurring in structures on the flanks of large intrusion-driven hydrothermal systems. All of these characteristics are associated with the mineralizing system at the Property.

Ongoing exploration at Klaza is largely directed by geochemical and geophysical results. Multi-element soil geochemical anomalies mark the known mineralized zones and similar, mostly untested anomalies have been identified along strike and parallel to the known zones. Hydrothermal fluids that flowed through the mineralized structures have locally destroyed magnetite in the host rocks. Magnetic susceptibility measurements of drill core confirm that the mineralized zones are considerably less magnetic than the surrounding, unaltered granodiorite, and helicopter-borne surveys have outlined magnetic lows along the known zones. There are numerous untested linear magnetic lows on the Property, which parallel the orientation of the known structural zones. The untested soil geochemical anomalies and magnetic lows are considered priority targets for future exploration.

Rockhaven's exploration at the Property has dramatically increased the size of the known mineralized zones and has identified promising areas for further expansion and new discoveries. Since 2010, aggressive step-out drill programs have mainly focused on understanding the extent and nature of the hydrothermal system, rather than defining specific ore shoots. This drilling has been very successful with over 95% of the 135 diamond drill holes intersecting significant mineralization within the targeted zones.

The next phase of exploration should include: 1) step-out diamond drilling to further assess the ultimate potential of the mineralized system; 2) in-fill drilling to better understand structural details that control the distribution of higher grade parts of the system; and, 3) continued excavator trenching to test newly identified geochemical and geophysical anomalies and to assist in identification of structural controls. Infill drilling will definitely have to be done before resource estimations can be made. At least some of the detailed drilling should target near surface mineralization so the sulphide-oxide interface can be established and the amount of oxidized material calculated.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Jared Tarswell, B.Sc.

Matt Turner, B.Sc.

REFERENCES

Aho, A.E., Mukans, V., and Reamsbottom, S.B.
1975 Geology of the Rico Claim Group; Assessment report by Kerr Addison Mines Limited, Assessment Report # 091915.

Bostock, H.S.
1936 Carmacks District, Yukon; Geological Survey of Canada, Memoir 189.

Brownlee, D.J.
1981 Geophysical Report on the Tawa Property, Mount Nansen, Yukon Territory; Report prepared for BYG Natural Resources Inc.

Colpron, M. and Nelson, J.L.
2006 Paleozoic evolution and metallogeny of pericratonic terranes at the ancient Pacific margin of North America, Canadian and Alaskan Cordillera. Special Paper: Geological Association of Canada, 45, page 523.

2011 A Digital atlas of terranes for the Northern Cordillera; Yukon Geological Survey and BC Geology Survey, BCGS GeoFile 2011-11 http://www.geology.gov.yk.ca/pdf/CanCord_terranes_2011.pdf

Campbell, D.D. and Guardia, F.
1969 Summary report of the May Claim Group; Assessment report by Esansee Explorations Limited, Assessment Report # 060737.

Carlson, G.G.
1987 Geology of Mount Nansen (115I/3) and Stoddart Creek (115I/6) map areas, Dawson Range, central Yukon; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1987-2.

Dadson, P and Amy, C.
2012 Assessment Report on the 2011 Trenching, Diamond Drilling, and Soil Sampling Program - Etzel Property; Assessment report by Great Bear Resources Ltd., Assessment Report # 095804.

Deklerk, R. (compiler)
2004 Yukon MINFILE 2004; Indian and Northern Affairs Canada, Yukon Region: CD-ROM.

Dickinson, R.A. and Jilson, J.G.
1973 Drill hole logs filed for assessment work; Assessment report by Area Exploration Company, Assessment Report # 091327.

Eaton, W.D.
1989 Tawa Property – 1989 Final Report; Report prepared report for Chevron Minerals Ltd. By Archer, Cathro & Associates (1981) Limited.

Great Bear Resources Ltd.
2012 Company News Release,

Gordey, S.P., and Makepeace, A.J.
2000 Yukon Digital Geology; 2 CD-ROM set; Geological Survey of Canada, Open File D3826 for Exploration and Geological Services Division (EGSD), Yukon Region, Indian and Northern Affairs Canada (DIAND) EGSD Open File 1999-1(D).

Hart, C., and Langdon, M.
1997 Geology and Mineral Deposits of the Mount Nansen Camp, Yukon; *In:* Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.129-138.

Heberlein, K.
1986 Geological, Geochemical and Geophysical Surveys on the Dic Property; Assessment report by Kerr Addison Mines Limited, Assessment Report # 091915.

McClintock, J.
1986 Geological and Geochemical Report on the Etzel and Wedge Claims; Assessment report by Pearl Resources Limited, Assessment Report # 091870.

Piercey, S.J., Nelson, J.L., Colpron, M., Dusel-Bacon, C., Simard, R.-L., and Roots, C.F.
2006 Paleozoic magmatism and crustal recycling along the ancient Pacific margin of North America, northern Cordillera, *in* Colpron, M. and Nelson, J.L. Eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North America, Canadian and Alaskan Cordillera: Geological Association of Canada Special Paper 45, p. 281-322

Saunders, C.R.
1980 Report on the Tawa Property, Mount Nansen Area; Assessment report by BRX Mining & Petroleum Corp. Assessment Report # 090692.

Sawyer, J.P.B., and Dickinson, R.A.
1976 Mount Nansen, Porphyry Copper and Copper-Molybdenum Deposits of the Calc-Alkaline Suite, Paper 34. In Porphyry Deposits of the Canadian Cordillera. CIM Special Volume 15, p. 336 - 343.

Stroshein, R.W.
1999 Overburden Stripping and Diamond Drilling Program on the Gerald 15 (YB57869), Tawa 18 (YA75280), Tawa 30 (YA95154) and Tawa 73 (YB06964) Mineral Claims; Assessment report by BYG Natural Resources Inc. Assessment Report # 093948.

Stroshein, R.W.
2003 Exploration Report for 2003 Geological, Geochemical and Trenching on the Bull, JBF, Etzel, J.Bill and JCS Mineral Claims; Assessment report by Aurchem Exploration Limited. Assessment Report # 094450.

Sutherland, K.S.
1988 Stream Sediment Sampling and Prospecting Programme on the Dic Property; Assessment report by Chesbar Resources Inc, Assessment Report # 092533.

Turner, M. and Tarswell J.
2010 Assessment report describing diamond drilling, excavator trenching, soil sampling and geophysical surveys at the Klaza Property; report prepared for Rockhaven Resources Ltd. By Archer, Cathro & Associates (1981) Limited.

Turner, M. and Tarswell J.
2011 Assessment report describing diamond drilling, excavator trenching, soil sampling and geophysical surveys at the Klaza Property; report prepared for Rockhaven Resources Ltd. By Archer, Cathro & Associates (1981) Limited.

Tempelman-Kluit, D.J.
1974 Geology of the Carmacks map-area, Yukon Territory; Geological Survey of Canada, Open File 578.

1984 Geology of Laberge (105E) and Carmacks (115I), Yukon Territory; Geological Survey of Canada, Open File 1101.

Wengzynowski, W.A.
2006 Assessment report describing line cutting and induced polarization surveys on the Klaza property; Assessment report prepared for Bannockburn Resources Limited and ATAC Resources Ltd.

Yukon Geological Survey
2012 Mount Nansen Mineral Occurrence; Yukon Geological Survey's Integrated Data System, Occurrence Number 115I 065. Available at: http://data.geology.gov.yk.ca/Occurrence/14297

Yukon Geological Survey
2013 Yukon Bedrock Geology in Yukon Digital Geology. Available at: http://mapservices.gov.yk.ca/YGS/WebMap.aspx

APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Jared Tarswell, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2009 with a B.Sc. majoring in Earth and Environmental Sciences.

2. From 2010 to present, I have been actively engaged as a geologist in mineral exploration in Yukon Territory

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Jared Tarswell, B.Sc.

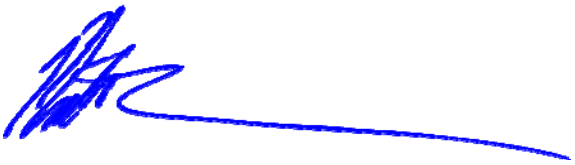
STATEMENT OF QUALIFICATIONS

I, Matthew Turner, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2002 with a B.Sc. majoring in Earth and Ocean Sciences.

2. From 2002 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia, Yukon Territory and Northwest Territories

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



Matthew Turner, B.Sc.

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
308 Klaza, 13 Dic and 12 Eagle Mineral Claims
October 23, 2012

Contract Diamond Drilling

Aggressive Diamond Drilling Ltd.	
Elite Diamond Drilling Inc.	
Platinum Diamond Drilling Inc.	
74 holes drilled – 25 holes on representative invoices	$999,874.29

APPENDIX III

CYANIDATION RESULTS

Sample #	Zone	Location	Interval Width (m)	Original Assay		Cyanidation		Cyanide Recovery	
				Au	Ag	Au	Ag	%Au	%Ag
N815163	Dickson	TR-12-01	1.97	5.01	49	4.24	44.17	85%	90%
N815150	Dickson	TR-12-01	4.45	1.435	11.9	1.41	9.5	98%	80%
N897615	Dickson	TR-12-02	1.6	10.85	93.6	8.57	60.19	79%	64%
N895052	Dickson	TR-12-02	2.32	1.2	44.4	0.9	23.44	75%	53%
N897570	Dickson	TR-12-02	0.8	1.005	19.3	1.1	11.6	109%	60%
N897632	Dickson	TR-12-02	1.82	1.765	1.28	1.82	1.23	103%	96%
N897651	Dickson	TR-12-02	0.8	1.38	6.49	1.18	2.86	86%	44%
N829923	Eastern Klaza	TR-12-08	0.63	2.15	50.3	2.03	14.43	94%	29%
N829949	Eastern Klaza	TR-12-08	0.58	8.89	10.75	7.29	9.52	82%	89%
N829950	Eastern Klaza	TR-12-08	0.82	1.695	4.62	1.5	2.49	88%	54%
N829952	Eastern Klaza	TR-12-08	0.64	4.25	2.97	2.63	1.66	62%	56%
N829954	Eastern Klaza	TR-12-08	1.7	1.675	1.17	1.71	0.7	102%	60%
N829957	Eastern Klaza	TR-12-08	0.95	1.755	3.61	1.44	1.88	82%	52%
N828609	Eastern Klaza	TR-12-08	1.25	1.405	16.75	1.06	5.83	75%	35%
N828613	Eastern Klaza	TR-12-08	0.61	1.665	56.2	1.53	22.56	92%	40%
N828664	Eastern Klaza	TR-12-08	0.88	1.21	50.9	1.14	16.67	94%	33%
N828743	Eastern Klaza	TR-12-08	1.46	1.285	53.4	0.88	39.36	68%	74%
N815550	BRX	TR-12-23	0.9	5.46	82.6	4.67	57.14	86%	69%
N815548	BRX	TR-12-23	1.1	1.785	49	2.47	13.1	138%	27%
N815549	BRX	TR-12-23	1.4	2.6	95.4	1.49	23.65	57%	25%
M897808	Western Klaza	TR-12-35	1.25	3.32	66.1	3.25	56.56	98%	86%
M897807	Western Klaza	TR-12-35	1	8.29	452	7.12	308.7	86%	68%
N815075	Dickson Ext.	TR-12-36	2.3	5.73	279	4.81	219.9	84%	79%
N815076	Dickson Ext.	TR-12-36	2.5	6.7	355	6.15	260.5	92%	73%
N815077	Dickson Ext.	TR-12-36	2	1.075	64.2	1.03	56.97	96%	89%
N815078	Dickson Ext.	TR-12-36	2.4	1.18	39.5	1.01	37.04	86%	94%
N815760	Porphyry/ BRX	TR-12-39	1.05	1.115	34.4	1.1	16.03	99%	47%
N815992	Porphyry/ BRX	TR-12-39	1.4	1.38	31.6	1.63	4.69	118%	15%
M355705	Porphyry/ BRX	TR-12-39	3	1.46	5.23	1.24	2.11	85%	40%
M355793	Porphyry/ BRX	TR-12-39	1.35	8.41	26.1	8.24	9.88	98%	38%
							Avg	**90%**	**59%**

Sample #	Zone	Location	.	Original Assay		Cyanidation		Cyanide Recovery	
				Au	Ag	Au	Ag	%Au	%Ag
N829003	BYG	KL-12-65	1.00	2.78	20	0.8	7.28	29%	36%
N829456	BYG	KL-12-66	1.00	1.05	6.06	0.82	3.57	78%	59%
M899397	Dickson	KL-12-81	1.87	0.788	22.2	0.58	8.11	74%	37%
N810298	Pika	KL-12-89	2.20	3.84	43.2	2.29	19.71	60%	46%
M355249	BRX	KL-12-103	1.00	1.155	35.7	0.62	16.95	54%	47%
M355256	BRX	KL-12-103	1.52	1.895	111	0.5	52.45	26%	47%
N811891	AEX	KL-12-109	1.99	1.285	24.7	1.06	3.65	82%	15%
N813344	AEX	KL-12-112	1.00	5.3	5.5	5.24	3.21	99%	58%
N814751	BRX	KL-12-114	1.17	2.13	1.82	0.78	1.14	37%	63%
N814750	BRX	KL-12-114	1.10	11.9	313	9.54	78.2	80%	25%
M357197	Western Klaza	KL-12-124	2.62	1.33	42.6	1.02	24.1	77%	57%
M357420	AEX	KL-12-125	1.53	2.53	0.47	1.63	0.35	64%	74%
M357427	AEX	KL-12-125	1.27	0.986	7.34	1.04	5.61	105%	76%
M357647	Western Klaza	KL-12-127	1.05	1.72	94.8	0.49	46.98	28%	50%
M359904	Dickson	KL-12-130	1.15	2.55	5.13	0.72	2.74	28%	53%
M356616	AEX	KL-12-132	1.66	2.31	1.55	0.47	1	20%	65%
M356624	AEX	KL-12-132	1.39	1.425	14.95	0.54	4.26	38%	28%
M356626	AEX	KL-12-132	1.16	4.66	2.91	1.25	1.4	27%	48%
M356641	AEX	KL-12-132	1.09	2.38	2.49	0.86	1.21	36%	49%
M356140	BYG	KL-12-133	2.62	1.3	37.4	0.8	19.01	62%	51%
M356139	BYG	KL-12-133	2.74	0.719	23.4	0.61	7.55	85%	32%
							Avg	**57%**	**48%**

APPENDIX IV

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS AND APPROACH

This section describes the sampling methods followed during the 1986 to 1989 and 2010 to 2012 exploration programs supervised by Archer, Cathro & Associates (1981) Limited and the 1998 program conducted by BYG Natural Resources Inc. There is not sufficient information to comment on the 1980 exploration program conducted by BRX or any of the earlier work programs.

Soil samples collected in 1986 and 1998 were taken from a 1400 by 2500 m northwest trending grid that covers most of the southeastern part of the Property. Soil samples were collected at 50 m intervals on lines spaced 100 m apart using two northwest trending base lines for grid control. The base lines are approximately 800 m apart and marked at 50 m intervals with one metre high wooden lath, while the sample sites on cross lines were marked with 0.5 m lath. All lath bear aluminum tags inscribed with the grid coordinates and sample numbers. The grids were established with hip-chain and compass, but later survey control was provided by hard-chain and transit. The soil samples were taken 20 to 50 centimeters below surface from B horizon material. They were placed in pre-numbered heavy gauge paper bags. A total of 1405 soil samples were collected in 1986 and 776 in 1998.

Soil samples collected in 2010 and 2011 extended sample coverage to the west and north of the earlier grids, while 2012 sampling was mostly done in the southeast corner of the Property. The samples were taken using soil augers, between 30 cm and 130 cm below surface. Soil samples were collected at 50 m intervals along lines spaced between 100 to 200 m apart. The sample sites were marked by a 0.5 m lath with orange flagging tape labelled with the sample number. Soil samples were placed into individually pre-numbered kraft paper bags.

Channel samples were collected from bulldozer and excavator trenches in several parts of the Property during programs conducted between 1986 and 1989 and from 2010 to 2012. Bedrock exposed in trenches was sampled on a continuous basis. A total of 231 channel samples were collected in 1986, 227 in 1987, 247 in 1988, 13 in 1989, 2389 in 2010, 2137 in 2011 and 1981 in 2012. In 1987, 43 soil samples were also collected from C horizon soil along the floor of various trenches that did not reach bedrock. The collection protocol for channel samples was:

1) Trenches were excavated.
2) The walls of trenches were cleaned, where necessary, with a shovel.
3) Trenches were mapped and sample intervals marked at geological breaks or at 1 to 10 m intervals depending on the intensity of alteration and mineralization.
4) Continuous channel samples were taken along one wall of the trench, as close to the floor of the trench as slumping would allow, using a geological hammer. The chips were collected either in a tub or on a sample sheet. Sample sizes averaged approximately two kilograms per linear metre sampled for intervals containing veins and about 7 kg per sample for intervals comprised primarily of altered wallrock.
5) Samples were placed in doubled 6 mm plastic bags along with a pre-numbered sample tag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.

A total of 107 **drill core samples** were collected in 1988, 176 were collected in 1998, 755 were collected in 2010, 6682 were collected in 2011 and 11045 were collected in 2012. During the programs drill core samples were collected using the following procedures:

1) Core was lightly washed and measured.
2) Core was geotechnically logged.
3) Core was geologically logged and sample intervals were designated. Sample intervals were set at geological boundaries, drill blocks or sharp changes in sulfide content.
4) Core recovery was calculated for each sample interval.
5) Core was split in half with either an impact core splitter or a rock saw. One-half was sent for analyses and one-half returned to the core box.
6) Samples were double bagged in 6 mm plastic bags, a sample tag was placed in each sample bag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

This section describes the sample handling procedures followed during the 1986 to 1989 and 2010 to 2012 exploration programs managed by Archer Cathro and the 1998 program conducted by BYG. The procedures followed during earlier exploration programs are not known.

During the 1986 to 1989 programs all samples were transported from the Property to Whitehorse by truck, escorted by a member of the geological crew, and then shipped via Canadian Airlines or a commercial trucking company to Chemex Labs (now ALS Minerals) in North Vancouver, B.C. Soil geochemical samples were dry sieved through a -35 mesh screen and ring pulverized to approximately -100 mesh before being analyzed for gold by neutron activation and inductively coupled plasma (ICP) analyses. Channel samples were fire assayed for gold and silver. The 1988 drill core samples were also fire assayed for gold and silver.

Drill core samples collected in 1998 were shipped directly from the site by company vehicle to the laboratory operated by Little Salmon Analytical in Carmacks. That laboratory was primarily established to process samples from the former Mount Nansen mine. The samples were assayed for gold and silver. The analyses were by the one ton fire assay method.

Samples collected in 2006 were submitted to ALS Chemex in North Vancouver, B.C. Analyses were done using industry-standard fire assay and ICP techniques. The ALS Chemex (now ALS Minerals) laboratory in North Vancouver carries ISO 9001:2000 registration and is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, and multi-element ICP and AA assays for Ag, Cu, Pb and Zn.

Samples collected from the 2010 to 2012 exploration programs were handled as follows. All drill core from 2010 was trucked to the Archer Cathro yard in Whitehorse for logging and splitting. Drill core from 2011 and 2012 was logged and sawn or split at a processing facility of the Property. All trench samples were collected and labelled at the trench. Rock chips from the 2011 reverse circulation percussion drill program were collected, split, and sampled at each respective drill site. Approximately 3 to 10 rock chips were collected from each sampled

interval and put into trays. The chips were later logged in the Archer Cathro office in Vancouver.

The 2011 and 2012 analytical work was done by ALS Minerals, with sample preparation in Whitehorse and assays and geochemical analyses in North Vancouver. All core samples from the Property were processed in 36 sample batches with each batch including two assay standards, two blank samples, and two duplicate samples. Trench samples from the Property were also processed in 36 sample batches with each batch including one assay standard and one blank sample. In 2011 core, rock chips and trench samples were initially analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 35 other elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP41). Overlimit values for gold were determined by fire assay and gravimetric finish (Au-GRA22) and silver values were determined using Ag-OG46. Later sample pulps from mineralized intervals of drill core from 2011 were reanalyzed for lead and zinc as well as 46 other elements using four acid digestion followed by inductively coupled plasma-atomic emission spectrometry (ME-MS61). Overlimit values for silver, lead and zinc were determined by inductively coupled plasma-atomic emission spectroscopy (Ag/Pb/Zn-OG62). In early 2012, check assaying of some core samples from the Property was done at ACME Labs in Vancouver. In 2012 routine analysis of core and trench samples was done by Au-AA24 for gold and ME-MS61 for 46 other elements, with overlimit analyses by Au-GRA22 and/or Ag/Pb/Zn-OG62.

APPENDIX V

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-JAN-2012
Account: ROCKHA

CERTIFICATE WH12001849

Project: Klaza DDH-54

P.O. No.:

This report is for 31 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JAN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-JAN-2012
Account: ROCKHA

Project: Klaza DDH-54

CERTIFICATE OF ANALYSIS WH12001849

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
K863459		<0.005
K863460		<0.005
K863461		1.430
K863462		<0.005
K863463		<0.005
K863464		<0.005
K863465		0.014
K863466		<0.005
K863467		<0.005
K863468		<0.005
K863469		<0.005
K863470		<0.005
K863471		<0.005
K863472		<0.005
K863473		<0.005
K863474		<0.005
K863475		<0.005
K863476		<0.005
K863477		<0.005
K863478		<0.005
K863479		0.011
K863480		<0.005
K863481		<0.005
K863482		<0.005
K863483		<0.005
K863484		<0.005
K863485		<0.005
K863486		<0.005
K863487		<0.005
K863488		1.415
K863489		<0.005

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-JAN-2012
Account: ROCKHA

CERTIFICATE WH12002739

Project: Klaza DDH-54

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JAN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-JAN-2012
Account: ROCKHA

Project: Klaza DDH-54

CERTIFICATE OF ANALYSIS WH12002739

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
K863423		0.005
K863424		<0.005
K863425		<0.005
K863426		<0.005
K863427		1.620
K863428		<0.005
K863429		<0.005
K863430		<0.005
K863431		<0.005
K863432		<0.005
K863433		<0.005
K863434		<0.005
K863435		<0.005
K863436		<0.005
K863437		<0.005
K863438		0.018
K863439		0.041
K863440		<0.005
K863441		<0.005
K863442		<0.005
K863443		<0.005
K863444		<0.005
K863445		<0.005
K863446		<0.005
K863447		1.505
K863448		<0.005
K863449		0.007
K863450		0.007
K863451		0.010
K863452		0.016
K863453		<0.005
K863454		<0.005
K863455		<0.005
K863456		<0.005
K863457		<0.005
K863458		<0.005

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
This copy reported on 22-FEB-2012
Account: ROCKHA

CERTIFICATE WH12016882

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Corrected Copy for including Project Name Klaza***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271046		0.82	7.48	24.1	2060	1.47	0.38	2.50	0.97	47.2	8.0	9	12.55	16.0	3.08	16.45
K271047		>100	6.21	840	990	1.36	74.8	2.24	40.8	41.7	11.4	9	15.35	3450	5.82	13.45
K271049		0.49	7.60	20.2	2330	1.75	0.63	2.59	0.46	45.9	8.1	11	13.95	9.6	3.03	17.10
K271052		2.61	7.65	884	1520	1.53	0.45	2.45	4.46	47.4	7.0	7	12.45	28.4	3.56	16.90
K271053		16.90	6.95	2320	790	1.54	0.58	2.20	42.4	56.7	10.5	5	13.05	140.5	3.97	15.75
K271054		1.65	7.28	169.5	1490	1.68	0.80	2.76	2.43	42.0	9.4	7	12.70	16.5	2.76	17.50
K271097		0.33	7.66	21.8	1710	1.94	0.42	2.30	0.55	41.9	9.7	6	19.45	9.6	3.37	18.45
G006269		98.4	7.55	45.7	1540	1.44	1.72	2.38	52.8	30.9	13.3	20	2.73	4380	3.86	21.0
K271098		96.9	4.00	7030	800	0.99	27.0	1.10	184.0	26.6	11.9	3	8.68	510	10.40	9.20
K271100		25.0	7.00	2840	1080	1.48	1.48	2.01	136.5	36.2	8.8	4	14.65	85.2	3.76	16.40
K271101		1.91	7.36	156.5	1210	1.80	0.27	2.89	4.68	45.6	7.9	7	29.5	30.9	2.57	17.55
K271112		3.18	6.35	768	1300	1.59	0.26	2.13	14.20	41.0	6.8	14	14.10	33.6	3.41	16.40
K271114		1.23	7.35	94.9	1660	1.50	0.21	2.50	2.41	51.8	7.1	27	7.83	63.1	2.13	19.95
K271115		4.47	7.54	1450	840	1.78	0.82	1.56	11.85	44.2	9.7	7	19.80	26.7	3.99	17.75
K271116		6.90	7.72	701	1450	1.77	0.34	2.08	26.9	50.0	7.0	5	26.2	74.3	3.29	17.30
K271117		>100	6.62	>10000	1290	1.62	2.18	1.57	174.0	43.0	6.8	7	18.55	716	5.54	14.15
K271118		0.21	7.87	18.4	2220	1.84	0.25	2.78	0.25	50.2	6.7	12	13.65	18.0	3.04	18.00
K271007		0.05	0.07	<5	30	0.05	0.01	20.7	0.12	1.50	1.2	<1	0.23	2.4	0.49	0.27
K271119		0.33	7.11	32.9	2140	1.37	0.45	2.78	0.27	41.9	7.7	7	18.00	30.5	2.83	15.65
K271120		>100	7.16	5200	220	1.19	0.80	3.49	92.4	29.7	9.3	3	16.80	322	7.12	18.20
K271122		3.13	7.19	18.2	2050	1.63	0.33	2.59	11.65	43.2	7.4	10	13.70	34.4	2.94	16.35
K271345		4.17	6.28	91.1	1210	1.33	0.49	2.17	31.9	38.0	8.1	8	11.75	22.9	3.44	13.85
K271346		20.2	5.83	1230	1090	1.19	7.09	0.90	111.5	35.2	8.6	9	10.40	157.0	4.96	13.20
K271347		78.6	3.10	600	780	0.63	1.71	2.72	125.5	19.00	21.0	6	6.03	434	6.14	6.68
K271349		63.6	5.72	3000	830	1.23	1.71	1.02	122.5	35.0	6.8	8	10.35	409	4.88	11.85
K271350		13.75	6.67	4630	1240	1.48	1.42	1.78	59.5	41.2	6.1	7	16.10	115.0	4.28	14.20
K271351		3.72	7.29	866	1280	1.70	0.59	2.04	41.2	52.1	8.7	7	21.1	74.6	3.28	16.05
G006270		>100	1.36	1120	310	0.23	61.6	1.75	506	13.70	26.2	32	0.80	>10000	17.00	16.70
K271374		0.81	7.11	31.7	1900	1.26	0.53	2.24	4.26	46.9	7.0	8	19.85	29.6	2.81	17.90
K271375		37.3	6.30	1425	1370	1.27	4.05	2.51	13.10	56.1	8.5	15	18.20	53.5	3.71	13.90
K271377		0.49	6.56	44.6	2320	1.41	0.18	2.97	0.73	38.9	7.1	14	27.0	12.5	3.03	16.30
K271386		3.85	7.22	222	1190	1.87	0.58	3.27	12.90	56.7	8.2	14	27.3	32.9	2.78	17.70
K271387		35.9	6.48	3670	1110	1.33	7.06	2.36	113.5	49.4	6.6	13	19.50	190.5	4.33	15.50
K271389		12.70	7.19	1545	1250	1.29	5.42	1.89	43.5	52.8	6.7	12	15.95	216	4.08	16.40
K271390		5.15	7.95	90.8	490	1.78	2.92	2.41	21.1	67.2	8.2	27	27.1	60.2	3.15	20.1
K271391		9.82	7.34	1845	1460	1.70	2.23	2.47	30.2	47.0	7.2	12	27.0	84.5	3.72	17.25

Comments: ***Corrected Copy for including Project Name Klaza***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K271046		0.11	1.5	0.059	2.99	28.0	11.7	0.81	766	1.69	2.24	9.2	2.7	600	72.1	117.0
K271047		0.17	1.1	2.99	2.66	25.1	68.2	0.70	1740	2.32	0.16	6.6	2.3	450	7300	131.5
K271049		0.16	1.4	0.046	2.95	27.6	14.8	0.76	740	1.39	1.97	8.9	2.5	570	43.2	122.5
K271052		0.18	1.5	0.054	3.05	29.6	26.6	0.72	1570	1.19	0.55	8.8	2.3	540	532	138.5
K271053		0.19	1.4	0.052	3.25	35.9	29.8	0.50	2250	0.72	0.15	7.8	2.4	520	3970	160.0
K271054		0.17	1.5	0.047	3.13	24.7	66.4	0.77	1720	1.64	0.10	7.8	2.6	560	171.5	133.5
K271097		0.18	1.4	0.056	2.84	24.1	98.0	0.66	530	1.00	0.39	9.5	2.4	630	33.5	100.0
G006269		0.18	0.6	13.25	2.22	17.1	12.6	0.70	565	38.6	2.53	7.6	11.9	800	8880	64.8
K271098		0.21	0.9	2.43	1.76	15.0	21.8	0.44	838	4.33	0.02	4.3	1.9	280	>10000	104.0
K271100		0.17	1.2	1.485	3.14	21.1	13.6	0.79	1700	6.40	0.04	6.5	2.5	510	5240	167.0
K271101		0.16	1.6	0.093	2.58	26.7	53.6	0.84	1180	2.98	0.03	8.7	4.1	580	555	106.0
K271112		0.16	2.5	0.064	1.51	23.7	89.7	0.85	880	19.65	0.02	9.2	11.5	550	626	86.5
K271114		0.14	4.1	0.048	0.60	31.4	157.5	1.00	739	2.75	0.02	9.3	23.1	600	129.0	22.3
K271115		0.17	1.2	0.117	3.18	26.7	19.5	0.61	1640	2.64	0.03	8.6	3.7	560	622	183.0
K271116		0.20	1.1	0.264	3.11	29.4	19.2	0.72	3340	6.95	0.02	9.2	2.4	570	1480	163.5
K271117		0.19	1.0	3.23	2.91	24.8	23.8	0.59	2860	19.95	0.08	7.5	2.2	490	>10000	161.5
K271118		0.13	1.1	0.046	2.92	25.8	13.0	0.79	563	1.80	2.31	8.4	3.2	610	26.8	129.5
K271007		0.07	<0.1	0.006	0.03	0.8	1.1	12.75	214	0.12	0.01	0.2	0.4	170	4.5	1.4
K271119		0.12	1.1	0.075	3.55	24.9	40.6	0.85	856	1.62	0.77	8.1	2.1	590	20.7	150.0
K271120		0.17	1.7	0.276	2.97	14.2	11.7	1.30	3390	2.95	0.69	5.6	2.6	1080	2830	146.0
K271122		0.15	1.3	0.073	2.88	25.3	11.8	0.77	1080	7.08	1.96	8.7	2.2	560	215	113.0
K271345		0.17	0.9	0.116	3.00	22.5	17.8	0.84	2020	3.66	0.03	6.7	2.1	470	885	164.5
K271346		0.18	0.9	3.49	2.70	19.6	19.8	0.46	1500	21.7	0.03	6.3	2.5	410	4030	149.5
K271347		0.14	0.6	1.650	1.41	10.6	30.7	0.48	743	35.6	0.02	3.5	2.4	180	>10000	69.9
K271349		0.16	1.0	0.809	2.62	19.8	24.0	0.46	1080	31.1	0.03	6.2	2.0	390	>10000	129.5
K271350		0.16	1.2	0.584	3.01	24.1	15.2	0.63	2520	3.26	0.02	7.6	2.4	510	3160	162.5
K271351		0.19	1.4	0.539	3.03	31.1	55.2	0.75	1240	3.03	0.03	8.9	2.4	580	247	176.5
G006270		0.94	0.6	6.84	0.39	7.8	6.1	0.83	374	37.8	<0.01	1.7	50.8	390	>10000	18.4
K271374		0.11	1.3	0.128	2.67	21.7	68.9	0.74	682	1.08	0.10	8.1	2.7	560	135.5	100.5
K271375		0.13	1.7	0.147	2.25	29.9	89.5	0.87	1240	1.84	0.03	7.5	2.9	570	6200	137.0
K271377		0.15	1.2	0.072	2.73	18.0	106.0	0.69	905	1.37	0.75	8.3	2.7	570	41.0	97.2
K271386		0.19	3.3	0.276	2.71	29.5	36.7	1.17	805	7.07	0.03	9.7	5.6	750	607	166.5
K271387		0.18	1.4	1.660	2.65	26.3	37.2	0.88	1320	3.70	0.02	7.4	3.7	510	6820	168.0
K271389		0.18	1.2	0.741	2.79	28.1	164.5	0.72	1180	3.41	0.01	7.9	3.2	530	1905	169.5
K271390		0.19	4.4	0.230	2.20	33.5	185.5	0.98	666	1.60	0.02	11.7	8.5	1310	702	86.5
K271391		0.18	1.2	0.438	3.14	23.5	42.2	0.76	1200	1.63	0.17	8.3	2.8	570	1590	151.0

Comments: ***Corrected Copy for including Project Name Klaza***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K271046		<0.002	0.35	4.13	10.9	1	2.1	351	0.82	0.09	14.0	0.260	1.51	4.7	72	2.8
K271047		0.002	4.96	497	9.6	2	4.1	98.6	0.58	0.65	12.6	0.195	2.03	5.8	56	4.7
K271049		<0.002	0.45	3.25	12.6	1	2.1	324	0.77	0.31	15.5	0.250	1.53	4.9	69	2.2
K271052		<0.002	1.21	14.45	12.6	1	2.9	127.5	0.78	0.11	15.7	0.239	1.89	5.4	66	3.4
K271053		<0.002	3.13	34.1	11.1	2	4.0	84.1	0.69	0.26	14.4	0.214	2.44	5.2	58	1.8
K271054		<0.002	1.52	13.20	11.8	1	2.6	115.0	0.69	0.54	14.1	0.211	2.26	5.5	63	2.9
K271097		<0.002	0.59	7.82	12.8	1	2.2	226	0.79	0.17	14.6	0.266	1.81	4.2	72	2.1
G006269		0.020	1.59	141.0	8.0	4	358	668	0.47	0.12	5.9	0.224	3.60	1.3	76	19.1
K271098		<0.002	>10.0	136.5	5.2	2	5.8	64.4	0.34	2.05	7.1	0.117	1.82	3.4	36	2.8
K271100		0.002	2.95	39.1	10.6	2	3.4	89.7	0.58	0.61	14.3	0.196	2.97	7.3	59	2.9
K271101		<0.002	0.79	13.95	12.0	1	5.0	279	0.74	0.09	14.1	0.250	2.59	5.2	67	5.1
K271112		<0.002	2.36	32.3	9.6	1	9.2	425	0.73	0.07	11.0	0.248	1.58	10.8	65	6.7
K271114		<0.002	0.30	11.00	7.3	1	2.3	838	0.79	<0.05	12.5	0.256	0.62	5.8	51	3.4
K271115		<0.002	2.64	19.95	12.0	1	6.1	138.0	0.75	0.53	16.1	0.242	3.12	5.2	68	5.3
K271116		0.002	1.48	27.5	12.5	1	3.9	202	0.73	0.07	16.1	0.251	3.45	5.4	67	7.4
K271117		<0.002	4.51	248	10.3	2	6.8	126.0	0.62	0.20	13.0	0.213	3.08	4.5	59	6.5
K271118		<0.002	0.05	2.40	12.0	1	1.9	389	0.78	0.14	14.3	0.262	1.35	4.2	69	1.7
K271007		<0.002	0.02	0.15	0.2	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	1.0	1	0.1
K271119		<0.002	0.57	15.55	10.6	1	1.9	236	0.68	0.17	12.2	0.248	2.12	3.2	69	2.2
K271120		<0.002	4.31	156.5	12.2	2	4.6	213	0.33	0.16	2.8	0.376	2.85	2.4	140	5.4
K271122		0.002	0.26	4.34	10.7	1	1.8	349	0.78	0.10	14.5	0.242	1.49	4.9	65	3.8
K271345		<0.002	2.02	14.25	9.8	1	2.3	56.7	0.58	0.20	12.4	0.201	2.98	4.7	57	2.9
K271346		0.002	4.24	69.2	8.6	2	4.0	37.3	0.52	0.27	10.3	0.182	2.64	8.8	51	3.5
K271347		0.005	6.79	206	3.9	2	4.2	61.5	0.35	0.55	6.0	0.086	1.37	11.7	27	1.8
K271349		0.003	4.88	144.0	7.4	2	6.3	31.4	0.57	0.15	12.1	0.170	2.49	10.3	48	3.3
K271350		<0.002	3.52	45.4	10.2	2	3.1	47.0	0.65	0.08	13.4	0.225	3.31	4.9	59	4.7
K271351		<0.002	2.02	20.7	12.1	2	2.3	97.9	0.80	0.18	15.3	0.246	2.99	5.5	71	3.3
G006270		0.032	>10.0	265	2.5	208	109.0	40.6	0.09	0.77	1.2	0.041	33.6	4.2	54	1.8
K271374		<0.002	0.19	13.15	10.4	1	2.6	140.5	0.69	0.06	12.3	0.246	1.52	2.9	64	2.5
K271375		<0.002	2.10	47.6	8.4	1	5.5	221	0.52	0.71	12.2	0.212	1.87	7.8	56	3.4
K271377		<0.002	0.18	7.43	10.1	1	2.5	245	0.60	<0.05	9.6	0.250	1.79	3.5	70	1.9
K271386		<0.002	0.67	24.2	8.0	1	2.1	342	0.67	<0.05	10.3	0.272	2.62	6.6	67	8.2
K271387		<0.002	3.21	56.4	9.2	1	5.0	195.0	0.55	0.22	12.6	0.209	2.79	4.7	57	5.7
K271389		<0.002	2.99	35.0	10.6	1	5.3	176.5	0.60	0.15	14.3	0.229	2.77	4.3	64	5.2
K271390		<0.002	0.64	21.5	7.1	1	2.5	452	0.73	0.05	9.6	0.354	1.38	5.7	69	2.8
K271391		<0.002	1.58	26.5	10.3	1	3.2	161.0	0.61	0.30	12.0	0.233	2.23	4.4	67	4.8

Comments: ***Corrected Copy for including Project Name Klaza***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K271046		18.3	144	41.1				
K271047		13.4	4970	28.0	268			
K271049		17.2	100	39.0				
K271052		16.2	603	40.0				
K271053		13.9	5290	35.3				
K271054		13.5	319	40.0				
K271097		15.0	65	37.1				
G006269		11.6	7240	15.2				
K271098		8.1	>10000	26.9			1.675	1.805
K271100		10.4	8400	30.2				
K271101		14.6	336	44.0				
K271112		12.0	962	79.4				
K271114		12.4	215	140.0				
K271115		12.1	841	31.0				
K271116		14.8	1850	29.7				
K271117		12.0	>10000	25.2	127		1.450	1.085
K271118		18.8	51	29.6				
K271007		0.9	20	<0.5				
K271119		14.7	59	29.3				
K271120		13.9	8090	58.9	143			
K271122		16.7	752	33.2				
K271345		11.1	2110	23.2				
K271346		9.5	>10000	23.1				1.210
K271347		6.9	>10000	15.5			2.70	1.415
K271349		10.1	>10000	25.5			2.08	1.305
K271350		12.1	4390	31.7				
K271351		15.2	4430	36.7				
G006270		7.3	>10000	18.5	163	1.280	1.525	9.39
K271374		16.4	270	31.9				
K271375		15.0	1200	59.0				
K271377		13.7	92	32.7				
K271386		14.0	929	123.5				
K271387		13.0	7120	43.8				
K271389		12.6	4010	33.1				
K271390		11.8	2380	175.5				
K271391		15.2	2130	35.5				

Comments: ***Corrected Copy for including Project Name Klaza***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-FEB-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016882

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016883

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271392		0.23	7.55	11.9	2120	1.69	0.16	2.68	0.23	46.4	8.1	11	19.65	11.6	3.06	16.55
K271393		7.06	7.56	1080	1330	1.88	2.33	1.86	28.2	54.2	7.2	8	22.3	70.3	3.61	16.15
K271394		1.49	7.89	163.5	1910	1.61	1.31	2.10	11.45	58.2	9.9	9	21.3	14.2	3.66	16.45
K271395		9.24	7.46	519	1160	1.91	4.15	1.16	71.7	45.7	12.6	11	22.4	88.0	5.08	16.50
G006271		>100	7.66	46.1	1570	1.50	1.59	2.40	59.1	30.6	14.9	23	2.59	4540	4.00	21.1
K271396		0.33	7.03	38.4	960	1.98	0.11	3.10	0.19	47.4	7.7	9	24.3	11.1	2.56	17.80
K271398		0.30	7.14	39.4	950	1.76	0.11	2.77	0.27	51.4	7.2	8	26.6	8.7	2.46	17.30
K271399		3.25	6.46	342	1710	1.51	1.57	3.36	14.45	46.7	7.9	7	18.60	31.7	2.81	13.80
K271400		2.50	7.40	39.1	990	1.69	1.83	2.23	3.61	49.2	9.9	7	12.00	8.3	3.74	16.75
K271401		14.90	7.17	228	670	1.49	11.20	1.18	12.90	51.2	8.9	9	11.65	59.7	4.77	15.65
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		4.41	6.47	2210	1050	1.45	0.73	1.55	19.15	47.7	7.2	8	18.85	40.6	3.33	14.90
K271405		0.62	7.23	155.0	1560	1.59	0.48	2.66	1.07	53.5	8.0	7	26.2	12.3	2.63	15.50
K271406		1.67	8.11	420	1870	1.74	0.72	3.06	5.33	55.1	8.4	8	30.5	24.4	3.20	17.20
K271407		1.35	7.89	368	1280	1.51	0.65	2.40	7.01	45.5	8.4	8	19.45	33.1	2.82	18.15
K271408		1.38	8.80	331	1200	1.43	0.68	25.8	6.41	59.3	10.4	7	21.5	30.7	3.09	17.05
K271074		3.69	6.45	787	1040	1.44	1.24	1.90	19.90	46.9	7.1	8	19.15	31.7	2.87	14.30
K271409		4.15	7.60	947	1210	1.72	1.40	2.22	22.9	51.4	8.3	9	21.5	36.8	3.49	16.45
K271410		12.10	6.51	2860	1110	1.79	2.01	1.49	48.3	46.1	9.3	10	22.8	86.6	4.22	15.30
K271411		0.39	7.20	42.0	860	1.78	0.18	2.36	0.78	56.1	6.8	24	28.0	16.7	2.09	19.15
K271412		9.94	7.45	469	1500	1.69	1.05	2.22	23.0	59.8	7.3	28	25.9	65.0	2.59	19.65
K271413		18.25	6.98	2520	570	1.73	1.38	1.62	64.2	49.9	7.9	9	22.9	82.3	3.45	15.90
K271415		0.53	7.55	44.8	1730	1.65	0.69	2.63	0.66	53.7	8.1	10	26.4	9.2	2.77	16.40
K271416		3.21	6.64	685	1250	1.53	0.36	1.60	14.25	50.2	7.6	8	18.05	23.6	2.93	14.65
G006272		>100	1.22	941	220	0.29	48.2	1.56	451	10.90	31.6	26	0.69	>10000	15.65	15.25
K271417		0.28	7.05	9.2	1980	1.84	0.36	2.63	0.59	45.0	8.7	10	11.85	18.4	3.01	16.45
K271220		0.23	7.45	18.6	1610	1.77	0.58	1.73	0.24	49.8	9.1	11	22.0	14.5	2.79	17.45
K271221		30.9	5.68	6510	1370	1.53	0.17	1.01	70.9	35.3	6.8	9	12.70	68.8	5.11	14.50
K271223		4.53	7.33	396	1040	1.42	0.52	2.28	19.40	52.8	6.8	7	23.2	21.7	3.37	16.40
K271244		0.11	7.20	8.2	2490	1.49	0.30	2.55	0.15	45.0	7.1	14	11.20	6.9	3.00	17.50
K271245		>100	6.15	819	630	1.15	21.3	1.77	101.5	42.2	14.1	10	13.75	732	4.85	14.15
K271246		3.48	6.92	85.1	750	1.39	1.21	1.70	15.55	40.3	8.7	10	12.45	26.6	3.14	15.80
K271286		0.50	7.24	28.2	2020	1.31	0.56	1.74	1.78	48.2	6.6	8	14.10	13.0	3.05	17.25
K271287		27.6	6.61	550	220	1.17	23.3	0.54	18.95	44.7	12.0	9	7.81	781	6.72	16.00
K271288		57.3	5.37	>10000	1680	1.60	11.30	1.64	159.5	37.0	7.9	7	21.7	581	6.17	13.40
K271290		8.80	6.52	232	360	1.07	3.77	0.59	15.85	25.1	11.0	7	6.39	45.9	6.90	14.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K271392		0.15	1.0	0.045	2.76	21.5	9.2	0.72	672	0.82	2.29	7.9	2.4	580	26.8	102.0
K271393		0.18	1.1	0.410	2.92	27.8	138.0	0.70	1200	1.09	0.14	7.4	2.3	590	1330	150.5
K271394		0.19	1.1	0.102	3.70	30.2	45.0	0.85	1260	1.02	0.08	7.6	2.6	600	251	198.0
K271395		0.18	1.0	0.500	3.23	22.1	13.5	0.64	982	5.59	0.04	6.9	3.5	620	1220	209
G006271		0.14	0.4	13.90	2.25	14.8	12.0	0.68	593	37.4	2.60	6.9	12.2	830	9010	62.7
K271396		0.16	3.1	0.040	2.58	22.3	122.5	1.01	738	1.27	0.04	9.7	4.1	730	26.5	120.5
K271398		0.16	2.9	0.032	2.68	25.3	82.9	0.97	700	2.23	0.04	9.1	3.9	700	26.4	148.0
K271399		0.15	0.9	0.181	2.18	24.3	136.0	1.26	972	11.50	0.04	6.5	2.5	480	496	115.0
K271400		0.16	0.8	0.063	3.08	25.0	104.5	0.82	1860	1.82	0.04	6.1	2.1	560	312	184.0
K271401		0.17	0.8	0.154	3.30	26.8	10.7	0.50	1190	1.76	0.03	7.0	2.6	520	905	192.0
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		0.14	0.8	0.476	2.69	24.7	23.3	0.55	1680	4.50	0.02	6.5	2.4	460	689	155.0
K271405		0.15	1.0	0.043	2.77	27.5	29.0	0.91	981	2.67	0.04	7.5	2.1	530	46.6	138.0
K271406		0.18	1.0	0.123	3.05	27.8	41.3	0.94	1100	2.05	0.04	8.1	2.6	600	226	147.5
K271407		0.17	1.0	0.424	2.87	21.2	67.3	0.75	741	2.00	0.09	8.6	2.4	630	191.5	99.0
K271408		0.18	1.0	0.435	3.07	30.7	65.3	15.30	899	2.32	0.10	8.7	3.0	800	169.5	132.0
K271074		0.15	0.7	0.670	2.30	24.4	94.1	0.67	681	2.60	0.05	6.5	2.1	500	839	128.0
K271409		0.16	0.9	0.767	2.72	26.2	110.0	0.78	812	3.29	0.05	7.6	2.8	600	984	140.0
K271410		0.17	1.1	0.660	2.62	23.3	45.6	0.60	874	30.0	0.03	6.7	5.1	500	2660	160.5
K271411		0.16	2.8	0.037	2.57	27.2	188.5	0.83	548	2.15	0.06	9.1	15.2	730	78.0	92.4
K271412		0.18	3.5	0.357	2.75	30.4	23.8	0.90	627	2.56	0.05	9.0	19.5	630	1795	119.0
K271413		0.14	0.9	1.005	2.83	25.6	44.6	0.64	1120	6.43	0.03	7.2	3.4	520	3700	160.5
K271415		0.17	0.9	0.033	3.09	27.8	56.9	0.72	1020	2.71	0.05	7.6	2.4	560	40.6	162.5
K271416		0.18	0.8	0.075	2.79	26.6	57.7	0.51	1170	1.02	0.04	6.7	2.3	470	479	164.5
G006272		0.91	0.4	6.28	0.36	5.9	6.8	0.74	346	32.6	0.02	1.5	55.5	350	>10000	13.6
K271417		0.14	1.1	0.047	2.65	21.3	19.7	0.66	535	0.99	2.01	7.9	2.5	560	32.7	104.5
K271220		0.19	1.2	0.055	2.95	23.2	120.0	0.58	803	1.01	0.60	8.7	2.4	600	21.2	118.5
K271221		0.17	0.7	0.164	2.53	17.1	26.5	0.48	2160	1.65	0.02	5.5	2.5	380	2150	167.0
K271223		0.19	1.1	0.101	2.93	29.1	113.5	0.82	2560	1.72	0.05	7.9	2.6	540	605	173.0
K271244		0.20	1.4	0.041	2.88	22.0	10.7	0.78	631	2.71	2.28	9.2	2.6	590	19.9	107.0
K271245		0.21	0.9	5.15	2.75	23.5	33.7	0.58	4460	2.50	0.08	6.8	2.0	460	8930	145.0
K271246		0.19	1.1	0.260	3.15	21.6	39.5	0.71	1510	3.50	0.05	7.1	1.9	510	720	186.5
K271286		0.20	1.2	0.060	3.15	24.4	59.9	0.62	882	2.14	0.43	8.4	2.2	620	101.5	139.5
K271287		0.22	1.1	0.577	3.26	23.8	5.9	0.37	457	2.07	0.03	6.0	2.0	470	1135	208
K271288		0.21	1.9	3.24	2.20	20.0	18.2	0.60	762	14.70	0.04	6.1	3.0	410	8620	133.0
K271290		0.21	1.1	0.208	3.23	12.3	7.0	0.41	261	5.33	0.03	4.3	2.8	480	951	198.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K271392		<0.002	0.03	3.31	10.1	1	1.8	397	0.70	<0.05	12.3	0.257	1.29	3.6	71	3.6
K271393		<0.002	1.42	29.4	10.0	2	4.1	198.5	0.67	0.16	14.1	0.247	2.44	4.5	68	3.7
K271394		<0.002	1.41	10.15	10.7	2	2.7	174.5	0.68	0.28	14.4	0.247	3.01	4.5	71	3.0
K271395		0.003	4.18	21.8	11.5	2	5.3	95.3	0.65	0.39	12.0	0.260	3.40	4.7	86	7.2
G006271		0.021	1.62	151.5	7.0	4	333	696	0.44	0.14	4.9	0.227	3.60	1.1	80	20.7
K271396		<0.002	0.20	28.4	7.1	1	2.4	338	0.82	<0.05	8.4	0.282	2.62	4.5	71	7.3
K271398		<0.002	0.19	31.9	7.1	1	1.9	291	0.77	<0.05	9.2	0.266	2.73	8.6	66	6.0
K271399		<0.002	1.27	30.4	8.7	1	2.9	254	0.59	0.37	11.8	0.205	2.05	8.2	58	4.5
K271400		0.002	2.63	7.96	9.3	2	4.3	97.5	0.58	1.19	13.5	0.211	2.80	3.8	61	2.7
K271401		0.002	3.93	16.80	9.6	1	5.9	44.1	0.64	6.27	14.0	0.228	3.13	4.3	65	3.7
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		<0.002	2.35	46.3	9.0	1	6.1	75.9	0.58	0.15	12.3	0.206	3.23	5.1	58	6.3
K271405		<0.002	0.90	15.45	9.8	2	3.7	157.0	0.71	0.13	14.1	0.229	2.63	5.7	62	5.0
K271406		<0.002	1.54	23.4	10.8	2	4.9	200	0.74	0.35	13.9	0.259	3.05	4.7	71	5.1
K271407		<0.002	0.58	9.90	11.1	2	3.3	166.0	0.78	0.45	12.3	0.271	2.30	3.3	77	3.3
K271408		0.002	0.59	9.16	11.6	2	3.2	227	0.78	0.41	14.2	0.262	2.21	4.7	72	3.5
K271074		<0.002	1.37	15.60	9.4	2	3.4	160.0	0.58	0.83	11.7	0.213	1.89	3.9	61	3.1
K271409		0.002	1.62	17.95	10.8	2	4.0	188.5	0.69	0.92	13.6	0.251	2.22	4.3	71	3.7
K271410		0.002	3.29	69.2	8.6	2	6.3	203	0.61	0.36	11.2	0.209	2.67	11.2	58	4.6
K271411		0.002	0.31	10.85	6.1	1	3.5	430	0.78	<0.05	10.3	0.264	2.26	4.7	51	3.2
K271412		<0.002	0.81	26.8	7.1	2	3.8	335	0.80	0.06	12.1	0.260	2.44	5.7	54	2.2
K271413		<0.002	2.24	43.5	9.5	2	5.7	154.5	0.65	0.78	12.4	0.228	2.92	5.7	64	5.3
K271415		<0.002	1.33	12.60	10.4	2	2.5	199.0	0.70	0.46	14.6	0.239	3.18	5.0	66	4.4
K271416		<0.002	1.91	22.9	8.7	1	3.4	108.5	0.64	0.12	13.1	0.210	2.81	4.1	58	4.8
G006272		0.031	>10.0	237	2.5	205	100.0	35.3	0.09	0.66	1.0	0.037	31.7	3.5	53	1.8
K271417		<0.002	0.54	3.04	9.6	2	2.4	326	0.75	0.11	12.2	0.242	1.38	3.7	68	2.3
K271220		<0.002	0.14	15.80	11.2	2	1.8	168.5	0.83	0.23	13.3	0.256	1.78	4.4	75	3.9
K271221		<0.002	4.43	71.9	7.7	2	9.8	46.7	0.50	<0.05	9.4	0.180	2.70	4.4	51	4.6
K271223		<0.002	1.42	28.0	10.3	1	2.3	103.0	0.64	0.30	15.5	0.228	3.06	5.6	64	6.5
K271244		<0.002	0.13	1.82	10.4	1	1.8	399	0.79	0.11	13.2	0.248	1.17	4.3	69	2.8
K271245		<0.002	3.53	141.5	8.6	2	4.3	78.6	0.56	0.41	12.3	0.189	2.03	4.8	53	3.8
K271246		<0.002	1.88	9.58	9.3	1	3.4	78.4	0.58	0.32	13.3	0.202	2.47	5.3	58	5.0
K271286		<0.002	0.39	14.60	11.7	1	2.3	179.0	0.65	0.28	13.1	0.251	1.88	3.8	73	3.7
K271287		<0.002	7.08	82.2	9.0	1	7.6	27.1	0.50	1.46	12.8	0.181	2.69	4.3	55	6.0
K271288		0.002	5.78	200	7.2	2	6.4	145.5	0.47	0.52	9.8	0.176	1.90	16.1	49	7.6
K271290		<0.002	7.33	18.85	10.4	3	4.7	32.1	0.36	1.49	11.0	0.139	3.15	2.8	62	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K271392		14.7	58	27.0				
K271393		13.2	1920	32.6				
K271394		14.7	712	30.7				
K271395		11.3	4480	26.1				
G006271		9.8	7450	14.5	109			
K271396		12.0	67	113.0				
K271398		12.2	72	106.0				
K271399		11.9	959	27.9				
K271400		12.0	323	23.0				
K271401		9.4	1220	22.8				
K271402		NSS	NSS	NSS				
K271404		10.4	1260	22.5				
K271405		13.7	99	27.9				
K271406		14.8	372	28.3				
K271407		14.5	436	27.4				
K271408		16.8	436	28.0				
K271074		12.3	1220	21.2				
K271409		13.6	1430	25.4				
K271410		10.8	3090	34.0				
K271411		10.9	92	97.9				
K271412		11.4	1450	131.5				
K271413		11.0	4000	28.3				
K271415		13.2	70	26.3				
K271416		10.1	981	23.6				
G006272		5.8	>10000	15.0	166	1.245	1.545	9.48
K271417		13.8	112	29.4				
K271220		15.3	57	32.1				
K271221		7.3	4830	19.2				
K271223		14.5	1230	28.5				
K271244		16.7	47	36.9				
K271245		13.3	>10000	23.2	145			1.095
K271246		12.7	1730	29.4				
K271286		15.4	154	31.4				
K271287		9.4	1490	29.5				
K271288		11.2	9680	62.0				
K271290		7.3	1000	30.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016883

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016884

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

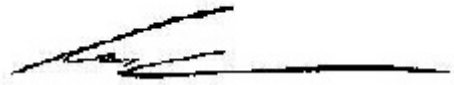
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271291		0.57	7.10	22.4	1390	1.70	0.11	3.22	0.58	52.9	7.0	15	20.5	26.9	2.38	19.00
K272008		4.23	7.79	329	470	1.43	1.86	1.50	7.62	54.0	8.5	12	13.25	30.3	4.56	16.10
K272009		73.4	6.32	8250	1580	1.29	0.48	1.60	177.0	40.8	4.8	10	12.15	206	4.75	13.85
K272010		0.75	7.24	30.2	1550	1.27	0.95	2.28	1.42	46.5	7.0	12	14.95	7.7	3.25	15.00
K272026		0.49	6.92	48.3	2160	1.62	0.21	2.59	1.50	51.6	5.0	31	29.5	12.3	2.06	18.30
K272027		8.44	6.02	6390	500	1.20	1.07	0.84	42.7	38.0	6.8	11	13.80	48.2	4.61	14.35
G006273		>100	1.45	1195	130	0.24	62.8	1.82	524	12.80	27.2	32	0.78	>10000	17.60	16.85
K272028		>100	4.42	>10000	170	0.77	15.75	1.08	537	22.2	4.5	8	6.34	1355	10.15	12.00
K272029		2.36	7.26	90.0	500	1.53	0.82	1.77	15.90	47.6	10.2	9	15.85	15.6	3.58	18.90
K272031		0.51	7.92	55.0	1690	1.27	0.91	2.27	1.04	50.6	9.1	13	11.75	6.7	3.43	17.30
K272032		1.39	7.87	851	2050	1.40	0.26	3.36	2.83	43.7	7.3	14	13.65	15.2	3.22	17.00
K272033		0.21	7.78	15.2	2150	1.36	0.19	2.89	0.51	45.4	7.4	14	13.30	9.0	3.07	16.60
K272034		0.25	7.59	10.6	2140	1.31	0.39	2.70	2.66	45.6	9.5	11	16.35	7.5	2.79	16.50
K272035		7.24	7.50	21.0	1850	1.35	1.74	2.91	16.10	45.6	12.8	11	11.85	74.2	3.52	16.85
K272036		9.78	7.27	56.9	460	0.98	4.55	1.48	36.2	21.4	22.2	13	4.64	47.1	5.77	13.75
K272037		12.90	7.16	77.5	460	0.86	5.63	0.92	96.0	11.55	28.0	16	6.32	99.7	7.23	13.30
K272038		3.43	7.05	12.9	650	1.27	3.36	2.70	3.23	17.80	30.6	10	4.57	9.1	4.93	15.05
G006274		>100	7.45	45.7	1540	1.05	1.70	2.32	56.5	29.0	12.4	22	2.41	4520	3.75	20.3
K271636		0.28	7.22	17.9	2180	1.37	0.15	2.57	0.45	40.7	5.9	13	12.50	9.2	2.97	16.30
K271637		10.70	6.96	1560	1500	1.41	2.42	2.04	27.0	47.6	6.5	13	22.8	65.2	3.25	15.90
K271638		0.22	7.09	34.8	980	1.65	0.19	2.90	0.65	49.8	5.4	24	32.9	10.6	2.34	19.00
K271639		52.7	5.10	>10000	1930	0.80	3.45	1.90	144.0	33.7	6.1	12	9.02	220	8.76	13.05
K271641		17.95	7.08	8650	400	1.42	0.32	2.72	92.0	52.3	7.2	17	17.80	68.6	4.32	16.80
K271642		1.11	7.52	257	1570	1.34	0.20	2.30	3.34	42.1	5.8	10	19.60	12.8	3.04	17.10
K271652		5.52	4.96	706	520	0.62	0.17	2.18	24.6	6.68	5.0	15	3.57	16.0	4.03	17.80
K271653		48.8	4.79	3070	250	0.94	3.50	1.95	56.1	22.7	12.7	9	14.85	169.5	4.35	10.85
K271655		2.42	7.46	200	2010	1.26	0.55	2.29	6.48	49.2	10.9	11	10.20	12.9	3.34	16.15
K271113		0.17	0.12	13	30	0.07	0.03	21.0	0.25	1.35	1.3	2	0.22	3.2	0.47	0.38
K271704		0.26	7.35	24.1	1250	1.48	0.15	2.97	0.26	49.3	6.4	10	21.1	6.3	2.62	18.65
K271705		6.09	7.34	640	2000	1.51	0.14	2.68	26.2	47.4	7.1	12	20.9	31.7	2.54	18.65
K271706		44.0	6.69	3120	720	1.39	1.15	2.39	141.5	39.5	5.7	11	19.80	173.0	3.39	15.85
K271716		5.58	6.89	331	2220	1.35	1.21	2.03	11.05	38.6	6.8	11	18.20	37.6	2.55	17.00
K271718		1.32	6.96	110.0	1500	1.28	0.51	2.49	2.83	45.8	6.0	11	19.35	10.9	2.78	15.50
K271719		13.95	7.03	1095	710	1.34	1.26	1.55	27.7	46.7	7.2	8	31.1	72.7	3.94	16.00
K271720		0.30	7.01	26.0	1860	1.31	0.11	2.54	0.44	41.0	7.3	11	19.45	7.7	2.85	16.55
K271721		1.71	6.86	121.5	1580	1.20	0.14	2.40	6.83	38.4	6.9	11	17.45	29.4	2.67	16.50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K271291		0.15	3.4	0.028	2.48	25.3	33.3	0.80	505	0.97	0.49	10.7	6.2	1020	25.9	62.2
K272008		0.18	1.1	0.121	3.54	28.8	15.4	0.55	1060	0.78	0.06	7.7	2.7	590	1080	195.5
K272009		0.15	0.9	0.597	2.80	21.4	12.2	0.59	2600	0.67	0.02	5.8	1.8	450	>10000	156.0
K272010		0.16	1.1	0.065	3.32	23.4	25.3	0.65	1500	0.81	0.57	7.4	1.9	550	78.6	142.5
K272026		0.14	3.8	0.044	2.49	25.8	36.2	0.86	699	2.48	0.06	8.6	18.7	600	73.0	78.6
K272027		0.17	1.3	0.431	2.51	20.0	27.2	0.41	626	10.80	0.02	6.0	4.8	440	2160	150.5
G006273		1.03	0.6	7.01	0.43	7.2	6.6	0.84	395	37.2	0.02	1.7	52.6	410	>10000	15.5
K272028		0.22	0.7	12.20	2.00	10.3	10.4	0.28	10250	1.27	0.02	3.9	1.2	320	>10000	118.5
K272029		0.14	1.1	0.067	3.17	21.8	26.4	0.71	1400	0.62	0.07	8.1	2.5	550	467	176.5
K272031		0.15	1.3	0.060	2.70	24.8	25.2	0.87	553	1.47	0.67	9.0	2.4	670	54.7	106.5
K272032		0.15	1.2	0.056	2.66	21.2	22.9	0.83	704	0.55	1.92	8.8	2.7	680	220	96.4
K272033		0.14	1.1	0.049	2.55	21.1	15.7	0.80	749	0.55	2.37	8.4	2.3	650	37.0	89.6
K272034		0.15	1.1	0.058	2.34	22.2	62.3	0.69	558	1.13	1.46	8.2	2.2	620	25.0	91.0
K272035		0.16	1.1	0.102	2.75	22.2	11.5	0.84	1380	0.93	1.10	8.1	2.3	660	1050	132.0
K272036		0.18	1.3	0.416	3.38	7.3	5.0	0.74	1740	4.20	0.04	6.3	3.7	600	1440	215
K272037		0.20	1.8	0.497	3.23	4.1	4.6	0.75	1880	1.03	0.04	5.1	3.8	610	2600	200
K272038		0.17	0.9	0.228	3.27	6.7	3.5	0.84	2590	1.50	0.04	5.9	2.9	530	229	199.5
G006274		0.15	0.5	13.20	2.18	14.0	10.4	0.65	571	36.2	2.44	6.8	10.6	790	8780	61.8
K271636		0.15	1.2	0.056	3.02	19.5	7.6	0.65	632	1.16	1.89	8.2	2.3	590	32.2	112.0
K271637		0.16	1.4	0.248	2.98	24.1	36.4	0.60	1680	2.30	0.08	7.8	2.9	590	1340	131.0
K271638		0.16	3.0	0.031	2.40	23.9	88.3	0.86	671	0.76	0.07	9.3	13.5	760	30.4	74.8
K271639		0.23	0.8	0.850	2.09	17.1	18.7	0.61	5050	4.30	0.02	5.0	1.8	350	6330	111.5
K271641		0.17	2.5	0.482	2.25	26.6	115.5	0.89	2270	3.80	0.03	8.5	5.6	890	2090	98.4
K271642		0.16	1.2	0.080	3.28	20.1	37.3	0.64	1320	1.32	0.44	8.5	2.2	620	151.5	122.0
K271652		0.13	0.8	0.284	1.31	2.9	12.4	0.93	1500	7.91	0.20	4.9	1.3	340	790	86.8
K271653		0.15	0.7	0.543	1.95	11.4	25.3	0.65	2990	39.1	0.05	5.1	3.6	350	1455	110.5
K271655		0.16	1.0	0.077	3.37	25.5	25.0	0.77	1660	2.18	0.28	8.1	2.3	590	98.6	173.0
K271113		0.12	<0.1	0.006	0.04	0.7	1.1	12.50	224	0.29	0.01	0.4	1.6	250	6.7	2.0
K271704		0.19	3.2	0.031	3.19	24.8	34.5	0.94	715	1.48	0.05	10.4	3.9	760	19.1	140.0
K271705		0.17	3.0	0.317	3.74	22.9	28.2	0.81	652	2.35	0.06	10.1	3.7	750	845	159.0
K271706		0.16	1.3	1.190	3.19	19.1	37.1	0.53	603	1.79	0.71	7.7	2.3	530	5760	141.0
K271716		0.15	1.1	0.226	2.83	18.0	48.0	0.56	669	4.12	0.10	8.5	3.4	590	504	96.8
K271718		0.15	1.0	0.099	2.72	22.7	82.6	0.78	1020	1.58	0.08	7.7	1.9	550	163.5	95.8
K271719		0.18	1.2	0.354	2.65	23.5	37.3	0.56	874	5.71	0.02	7.9	2.3	530	1520	160.0
K271720		0.15	1.1	0.045	3.01	19.5	41.5	0.67	706	2.01	0.62	8.3	2.1	580	24.8	110.5
K271721		0.15	1.0	0.065	3.17	17.6	41.9	0.60	1360	1.81	0.08	8.2	2.3	580	130.5	113.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K271291		<0.002	0.03	10.25	4.7	1	1.6	498	0.76	<0.05	8.0	0.286	1.05	4.5	52	1.3
K272008		<0.002	3.56	11.40	10.0	1	5.9	85.0	0.64	0.30	13.8	0.230	2.72	4.5	68	3.6
K272009		<0.002	4.10	103.0	7.6	1	6.0	75.8	0.50	0.07	11.6	0.185	2.76	3.9	53	4.8
K272010		<0.002	1.19	6.73	9.1	1	2.7	193.0	0.65	0.45	12.1	0.219	2.25	3.9	63	2.4
K272026		<0.002	0.18	15.65	5.4	1	1.7	446	0.72	<0.05	9.9	0.235	1.83	6.1	49	1.5
K272027		<0.002	4.06	57.5	7.3	1	6.4	119.0	0.52	0.11	10.4	0.186	2.39	6.5	52	5.4
G006273		0.034	>10.0	275	2.3	227	122.5	41.5	0.10	0.81	1.1	0.041	33.5	3.8	61	1.8
K272028		<0.002	8.65	341	4.8	3	13.8	43.9	0.34	0.15	6.7	0.125	2.03	4.4	38	4.3
K272029		<0.002	2.42	12.55	12.1	1	2.7	118.0	0.50	0.21	10.6	0.242	2.30	4.3	67	4.2
K272031		<0.002	1.58	6.58	12.0	2	2.8	230	0.71	0.23	12.1	0.274	1.56	4.0	80	5.6
K272032		<0.002	0.44	8.65	10.9	1	2.4	400	0.71	0.06	11.5	0.277	1.21	3.8	79	2.0
K272033		<0.002	0.18	2.24	10.9	1	2.1	408	0.69	0.05	11.6	0.259	1.12	3.7	75	1.5
K272034		<0.002	0.60	9.21	10.8	1	2.1	349	0.67	0.12	11.3	0.254	1.18	3.7	74	2.3
K272035		<0.002	1.43	15.60	11.2	1	2.4	261	0.65	0.29	12.0	0.249	2.08	4.0	76	5.2
K272036		<0.002	4.29	5.77	8.4	2	4.6	32.4	0.50	1.20	12.1	0.192	2.63	5.2	60	8.4
K272037		<0.002	4.85	8.44	9.4	2	5.8	31.5	0.43	1.49	10.4	0.197	2.61	4.8	67	9.9
K272038		<0.002	3.42	3.72	8.8	2	2.7	47.4	0.49	0.71	11.3	0.177	2.49	4.2	58	3.3
G006274		0.021	1.53	150.0	6.5	4	342	667	0.42	0.10	5.0	0.210	3.50	1.1	75	19.3
K271636		<0.002	0.08	4.44	9.6	1	2.0	342	0.70	<0.05	10.6	0.240	1.50	3.2	69	1.5
K271637		<0.002	1.38	30.5	8.7	1	3.0	259	0.65	0.10	11.1	0.227	2.28	3.9	60	2.9
K271638		<0.002	0.07	11.70	5.8	1	1.7	483	0.75	<0.05	9.0	0.253	1.53	3.6	50	2.2
K271639		<0.002	7.50	201	5.9	1	19.2	71.7	0.44	0.16	8.3	0.147	1.93	2.2	43	4.1
K271641		<0.002	2.31	69.7	7.3	1	6.2	234	0.62	<0.05	9.3	0.266	2.10	4.0	62	3.6
K271642		<0.002	0.30	13.35	9.9	1	3.2	166.5	0.72	<0.05	11.7	0.252	2.32	2.9	71	2.9
K271652		0.002	1.89	27.2	10.9	1	2.8	126.5	0.38	0.06	9.5	0.152	0.99	3.0	122	2.8
K271653		0.005	3.28	162.5	6.4	1	3.1	77.1	0.41	0.22	8.2	0.143	1.68	6.9	45	3.1
K271655		<0.002	1.41	13.80	10.7	1	3.3	104.5	0.67	0.15	12.6	0.243	2.23	4.7	71	4.5
K271113		<0.002	0.02	0.67	0.3	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5	3	0.1
K271704		<0.002	0.17	26.5	7.4	1	1.4	330	0.80	<0.05	8.8	0.275	3.11	5.5	69	5.8
K271705		<0.002	0.51	30.6	7.7	1	1.8	306	0.78	<0.05	9.2	0.273	4.07	6.1	69	6.0
K271706		<0.002	1.46	47.4	8.7	1	3.4	220	0.67	0.06	11.6	0.217	2.13	5.8	61	3.2
K271716		<0.002	0.41	21.1	9.6	1	2.2	128.5	0.68	0.58	10.9	0.238	1.58	3.4	67	3.7
K271718		<0.002	0.20	15.25	9.4	1	1.7	145.0	0.63	0.11	12.1	0.225	1.72	3.9	65	4.7
K271719		<0.002	3.15	47.1	9.3	1	2.8	127.5	0.65	0.25	11.9	0.216	3.48	5.1	61	5.9
K271720		<0.002	0.11	7.69	9.9	1	1.8	195.0	0.68	<0.05	11.1	0.241	1.95	3.5	68	2.8
K271721		<0.002	0.37	13.95	9.4	1	2.0	142.0	0.67	<0.05	10.4	0.235	2.32	3.3	67	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K271291		8.4	157	130.5				
K272008		11.9	671	30.9				
K272009		9.4	9910	23.4			1.755	
K272010		13.5	122	28.4				
K272026		10.8	148	143.0				
K272027		7.0	2740	38.0				
G006273		6.9	>10000	17.2	160	1.290	1.520	9.47
K272028		6.3	>10000	19.6	145		2.60	3.34
K272029		15.1	928	27.7				
K272031		16.0	105	32.0				
K272032		16.2	236	31.1				
K272033		16.1	74	28.8				
K272034		14.8	282	27.6				
K272035		14.2	1060	28.4				
K272036		7.0	3240	37.7				
K272037		5.9	8260	60.2				
K272038		10.5	310	22.5				
G006274		9.9	6700	15.2	100			
K271636		14.3	73	32.2				
K271637		12.0	2130	41.9				
K271638		11.2	101	104.0				
K271639		7.9	9810	21.4				
K271641		11.5	5270	95.9				
K271642		14.5	271	33.0				
K271652		5.5	2380	20.1				
K271653		8.1	4810	20.1				
K271655		14.0	665	26.8				
K271113		0.8	31	<0.5				
K271704		14.1	89	120.5				
K271705		13.3	1690	110.5				
K271706		12.5	8120	35.6				
K271716		13.0	733	31.1				
K271718		14.6	212	26.1				
K271719		13.0	1820	33.9				
K271720		14.2	63	29.7				
K271721		13.1	410	28.1				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016884

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016885

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

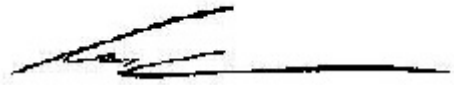
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271722		12.40	6.73	1130	1520	1.38	0.35	2.08	28.0	43.2	7.1	17	17.30	71.8	3.32	16.55
K271723		>100	6.04	9250	1460	1.36	7.98	2.19	146.5	49.6	7.3	18	17.35	432	4.61	16.35
K271724		>100	4.02	9240	1140	0.90	24.9	1.84	390	30.2	11.4	13	10.60	2830	12.40	11.10
K271726		9.03	7.76	1530	2210	1.11	0.86	2.48	5.64	70.4	7.8	24	18.30	42.9	3.26	19.90
K271727		14.50	7.17	6470	1810	1.17	0.66	3.11	9.15	45.7	6.2	13	17.50	235	4.20	17.80
K271728		1.28	7.11	141.0	1510	0.94	0.50	2.16	0.33	47.1	6.3	11	17.65	11.2	2.83	17.50
K271491		2.25	7.24	135.5	1150	0.97	0.20	1.92	1.14	51.5	8.4	9	24.6	18.4	2.86	16.45
K271342		0.08	0.12	<5	30	0.05	0.02	21.7	0.15	1.54	1.3	1	0.37	2.4	0.53	0.39
K271492		>100	2.63	>10000	190	0.50	66.7	3.47	849	16.65	8.0	6	4.83	1685	8.27	7.55
K271493		2.06	7.21	232	790	1.12	0.51	2.47	3.92	45.9	7.9	10	25.2	19.6	2.71	17.25
K271495		0.27	6.82	30.6	2680	1.07	0.31	2.71	0.37	40.6	7.1	12	15.80	5.2	2.89	16.70
K271527		0.29	7.84	34.4	1110	1.54	0.21	2.05	0.75	67.3	6.6	16	21.8	10.1	2.70	21.8
K271528		10.20	5.95	1375	630	1.06	4.36	1.83	60.8	42.7	8.5	9	19.75	197.0	4.54	15.00
G006275		>100	1.47	1220	290	0.22	55.0	1.91	539	13.05	33.2	32	0.77	>10000	18.40	21.3
K271529		0.83	7.59	61.3	3010	1.46	0.40	2.84	3.38	57.5	7.0	12	34.5	30.7	2.64	19.80
K271530		0.60	7.08	60.5	2060	1.22	0.36	1.92	1.57	69.4	7.3	19	21.2	28.0	2.59	18.40
K271531		>100	3.59	>10000	1160	0.77	26.2	0.78	>1000	28.8	7.4	9	11.55	2040	8.72	12.30
K271532		3.06	8.12	1430	520	1.58	0.26	2.19	12.70	70.4	8.6	27	16.65	47.7	3.59	22.7
K271533		41.3	6.57	2240	270	1.00	19.75	0.67	204	44.2	10.3	10	8.19	888	6.69	16.60
K271535		1.70	7.95	51.0	1460	1.23	1.17	2.07	5.42	52.0	8.4	10	21.6	32.6	3.33	18.05
K271555		4.23	7.50	792	1160	1.01	1.54	2.17	58.2	55.8	8.4	11	15.80	37.8	3.91	17.65
K271557		0.55	7.48	37.6	1460	1.01	0.14	3.01	2.02	57.3	6.1	31	20.1	14.8	2.35	20.3
K271558		42.6	5.91	6530	710	1.04	6.55	1.25	226	42.2	7.7	12	15.55	377	4.60	15.30
K271559		7.73	7.05	1460	820	1.30	1.16	1.76	28.5	56.3	7.0	23	31.7	88.0	2.96	19.40
K271560		1.99	6.81	66.9	1120	1.28	0.48	1.84	5.47	51.6	5.7	29	33.7	33.0	2.01	19.35
K271811		1.26	7.54	383	1190	1.03	0.14	1.88	3.42	43.5	6.8	10	21.4	14.7	2.70	17.75
G006276		>100	7.80	59.0	1580	0.99	1.58	2.50	47.9	32.1	14.1	21	2.58	4550	4.02	23.5
K271812		11.30	6.56	263	1260	0.94	2.88	1.92	13.65	40.0	51.3	10	13.75	43.5	5.68	15.45
K271814		4.36	6.92	331	1140	1.17	0.65	2.18	11.75	45.9	9.2	10	14.90	34.8	3.71	16.85
K271815		0.25	7.24	8.2	2170	1.11	0.12	2.73	0.29	43.3	6.8	12	11.95	14.2	2.92	17.45
K271816		2.64	7.43	119.0	1510	1.10	0.21	2.38	9.76	49.6	7.5	10	17.45	41.6	3.69	17.55
K271838		0.44	7.13	24.7	900	1.36	0.16	3.19	0.34	48.1	7.6	9	27.6	13.1	2.52	19.55
K271839		>100	6.97	3050	960	1.13	2.68	1.92	89.3	47.7	7.2	8	19.55	286	3.63	16.45
K271841		7.02	7.22	2470	2020	1.17	3.25	2.57	8.98	48.9	6.3	8	19.50	41.0	3.52	17.00
K271842		1.25	7.44	237	1990	1.15	0.37	2.39	3.00	45.8	8.1	9	23.2	13.8	3.09	17.70
K271843		30.1	7.09	2000	1100	1.36	2.11	1.98	65.1	53.6	7.0	11	22.2	85.8	3.54	17.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K271722		0.11	1.0	0.168	2.95	20.8	55.0	0.69	1280	1.95	0.07	8.3	5.1	550	1555	131.0
K271723		0.14	2.1	2.16	1.46	25.4	106.5	0.74	709	15.65	0.04	7.8	8.2	540	5990	86.8
K271724		0.20	1.1	11.30	1.18	15.8	56.6	0.47	637	23.5	0.03	4.6	5.6	340	>10000	73.4
K271726		0.17	4.6	0.113	0.94	37.2	71.8	1.01	676	1.41	0.05	12.0	8.4	1320	723	44.2
K271727		0.20	1.4	0.211	2.58	23.9	24.0	1.00	885	1.96	0.94	8.8	5.1	570	810	115.5
K271728		0.18	1.2	0.084	2.72	24.0	23.9	0.67	976	1.40	0.13	8.9	2.6	590	39.4	114.5
K271491		0.20	1.1	0.055	2.85	28.7	29.3	0.70	854	1.25	0.04	8.3	2.7	530	74.9	186.0
K271342		0.11	<0.1	0.009	0.05	0.8	1.0	12.75	224	0.17	0.01	0.4	1.8	190	8.1	2.6
K271492		0.16	0.5	32.3	1.13	7.3	14.1	1.39	1700	16.00	0.02	2.9	1.6	150	>10000	76.6
K271493		0.18	1.3	0.188	3.00	23.0	63.5	0.69	1240	2.62	0.04	8.8	2.7	570	232	139.5
K271495		0.19	1.3	0.057	2.81	20.2	19.5	0.62	593	3.05	1.45	8.5	2.4	550	33.2	115.5
K271527		0.22	4.4	0.043	2.70	34.6	460	0.89	588	1.33	0.06	12.4	5.7	1150	41.6	93.4
K271528		0.19	1.5	1.175	2.33	22.2	27.5	0.68	1080	14.50	0.05	7.0	4.1	470	1480	149.0
G006275		1.20	0.7	7.32	0.43	7.6	5.9	0.90	407	41.7	0.02	2.0	63.0	420	>10000	19.0
K271529		0.19	3.8	0.115	2.66	30.2	94.1	1.08	610	1.99	0.10	10.9	5.0	870	117.0	114.0
K271530		0.20	4.2	0.065	1.81	37.2	135.5	0.87	715	5.54	0.06	10.7	6.3	1070	64.4	89.3
K271531		0.20	1.4	24.2	1.25	15.3	49.9	0.35	1060	199.0	0.04	4.3	5.2	360	>10000	77.6
K271532		0.19	4.9	0.144	2.37	36.3	560	1.02	853	5.29	0.04	13.3	10.0	1430	286	86.4
K271533		0.21	1.3	6.95	3.04	22.7	12.2	0.40	710	13.10	0.04	7.2	3.0	530	5920	202
K271535		0.20	1.4	0.169	2.49	27.9	243	0.77	730	3.85	0.05	8.2	2.9	630	257	133.0
K271555		0.23	1.2	1.090	3.05	30.7	22.9	0.75	1060	4.16	0.26	8.2	3.4	560	810	188.0
K271557		0.21	4.0	0.053	2.32	30.9	233	1.02	580	2.64	0.06	9.9	21.7	620	68.6	94.8
K271558		0.21	1.5	3.19	2.43	22.4	17.8	0.56	892	3.90	0.04	7.0	8.4	460	8520	143.5
K271559		0.21	2.9	0.714	2.56	30.9	58.2	0.76	796	8.72	0.06	9.0	15.7	600	1255	136.0
K271560		0.21	4.0	0.170	2.53	26.8	37.4	0.76	489	3.41	0.07	9.3	20.0	590	304	96.8
K271811		0.24	1.1	0.051	3.10	22.2	32.3	0.65	1280	2.01	0.21	8.6	2.5	580	345	152.0
G006276		0.23	0.6	13.10	2.27	16.5	8.4	0.71	605	41.2	2.63	8.1	12.7	830	9370	71.9
K271812		0.21	1.0	0.318	2.66	21.6	38.2	0.72	1460	1.48	0.07	6.8	3.2	440	2720	167.5
K271814		0.20	1.1	0.253	3.26	24.0	20.5	0.62	2250	1.63	0.10	8.4	2.4	540	785	164.0
K271815		0.23	1.1	0.078	2.69	21.4	6.1	0.73	675	1.69	2.01	8.8	2.6	560	33.9	111.5
K271816		0.24	1.2	0.065	3.06	25.5	10.2	0.65	1470	2.27	1.13	8.8	2.8	590	770	144.0
K271838		0.25	3.7	0.048	3.06	24.0	22.8	0.98	588	1.58	0.07	11.4	4.6	750	43.2	127.0
K271839		0.20	1.3	0.718	2.95	24.8	12.2	0.69	1460	2.31	0.04	8.0	2.4	540	>10000	175.5
K271841		0.22	1.4	0.125	3.12	25.3	61.6	0.66	1040	1.40	0.53	9.0	2.4	570	1135	148.0
K271842		0.22	1.3	0.069	3.25	23.4	28.3	0.74	1160	1.27	0.07	8.9	2.6	580	158.0	146.0
K271843		0.14	1.5	0.382	2.78	27.5	29.0	0.68	1360	2.15	0.04	8.0	3.0	570	4690	162.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K271722		<0.002	1.49	36.5	10.2	1	2.5	117.5	0.63	0.08	10.4	0.240	2.67	3.8	65	3.0
K271723		<0.002	3.52	223	6.6	2	8.6	254	0.57	0.39	9.2	0.215	1.75	6.6	46	3.5
K271724		0.002	>10.0	750	5.2	4	17.2	187.5	0.34	1.13	6.1	0.133	1.42	4.3	35	3.0
K271726		<0.002	0.45	56.6	7.3	1	2.0	236	0.75	0.08	9.3	0.349	0.78	5.1	66	2.8
K271727		<0.002	1.60	64.1	10.7	1	3.4	249	0.64	0.13	12.1	0.248	1.89	3.6	66	2.5
K271728		<0.002	0.28	18.35	10.8	1	2.5	109.0	0.68	0.56	11.2	0.257	1.99	3.7	68	2.7
K271491		<0.002	2.06	25.2	10.8	1	1.7	89.8	0.65	<0.05	13.8	0.241	3.69	6.3	64	7.5
K271342		<0.002	0.02	0.34	0.3	1	<0.2	48.9	<0.05	<0.05	0.2	<0.005	0.03	0.5	2	0.1
K271492		<0.002	>10.0	449	4.0	3	5.6	72.7	0.25	0.67	4.7	0.073	1.35	3.2	24	2.8
K271493		<0.002	1.36	17.60	10.3	1	2.0	126.5	0.77	0.08	12.4	0.246	3.25	7.1	67	4.8
K271495		<0.002	0.30	4.46	10.1	1	1.8	278	0.73	0.10	11.8	0.238	1.69	4.7	66	5.6
K271527		<0.002	0.11	25.3	6.0	1	1.9	518	0.82	<0.05	9.9	0.332	1.76	4.0	56	2.9
K271528		<0.002	2.76	108.0	8.3	1	6.7	123.0	0.53	0.16	9.7	0.198	2.18	4.7	54	4.9
G006275		0.034	>10.0	289	3.3	237	125.5	48.9	0.11	0.91	1.1	0.044	36.4	3.8	61	1.9
K271529		<0.002	0.37	17.20	8.1	1	2.0	318	0.76	<0.05	9.7	0.304	2.03	5.0	70	2.9
K271530		<0.002	0.28	30.6	7.3	1	3.7	581	0.71	<0.05	9.8	0.313	1.24	7.2	61	4.5
K271531		0.005	>10.0	607	4.1	4	22.7	261	0.30	0.36	5.5	0.127	1.84	12.3	33	3.0
K271532		<0.002	0.34	51.4	7.8	1	3.9	556	0.79	0.07	9.5	0.387	1.45	4.9	74	4.7
K271533		0.002	6.98	135.5	9.9	2	10.3	69.1	0.56	0.83	11.7	0.211	2.50	4.8	59	9.1
K271535		<0.002	1.77	23.0	11.3	1	2.5	212	0.67	0.38	14.6	0.239	2.22	5.2	68	3.8
K271555		<0.002	2.65	14.95	11.3	1	3.5	176.5	0.66	0.39	14.1	0.246	2.55	4.8	66	4.2
K271557		<0.002	0.14	11.45	6.5	1	1.9	817	0.73	<0.05	11.4	0.258	1.56	5.1	50	1.6
K271558		<0.002	4.49	89.0	8.2	2	6.1	153.5	0.53	0.13	10.2	0.203	2.39	4.9	53	4.1
K271559		<0.002	1.34	53.4	7.8	1	5.1	327	0.71	<0.05	12.3	0.247	2.13	8.7	55	3.4
K271560		<0.002	0.17	26.0	6.0	1	1.8	412	0.73	<0.05	10.6	0.247	1.69	6.5	49	2.6
K271811		<0.002	0.57	23.3	10.9	1	2.1	110.5	0.65	<0.05	12.3	0.252	2.69	4.6	69	5.3
G006276		0.020	1.67	159.5	8.1	4	335	686	0.46	0.14	5.4	0.234	3.65	1.2	80	19.1
K271812		<0.002	4.75	25.5	9.9	1	3.6	103.5	0.51	0.83	11.5	0.203	2.50	5.0	62	3.6
K271814		<0.002	1.98	14.10	10.4	1	3.0	103.0	0.65	0.15	11.8	0.243	2.91	4.7	65	3.4
K271815		<0.002	0.03	2.33	10.9	1	2.1	340	0.64	<0.05	11.5	0.243	1.40	3.4	66	2.4
K271816		<0.002	1.30	7.74	12.0	1	2.9	216	0.64	<0.05	13.2	0.255	2.07	4.3	72	2.7
K271838		<0.002	0.14	19.55	8.2	1	2.0	400	0.80	<0.05	8.7	0.295	2.99	5.0	71	2.3
K271839		<0.002	2.98	166.0	10.3	1	3.9	139.0	0.62	0.40	12.6	0.225	3.27	4.4	62	7.8
K271841		<0.002	1.25	27.3	11.0	1	3.5	229	0.74	0.11	13.4	0.247	2.33	3.8	66	4.3
K271842		<0.002	0.88	8.80	11.0	1	3.5	179.0	0.69	0.15	12.3	0.264	2.66	4.5	71	4.2
K271843		<0.002	2.08	46.6	9.9	1	4.3	148.0	0.63	0.11	14.2	0.237	2.78	5.3	66	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016885

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271722		12.6	1980	26.5				
K271723		10.5	9630	68.2	104			
K271724		7.7	>10000	34.4	310		2.53	3.75
K271726		12.0	523	195.0				
K271727		14.2	864	47.6				
K271728		14.4	65	33.8				
K271491		13.5	144	29.8				
K271342		0.9	29	0.5				
K271492		6.7	>10000	12.0	215		3.78	6.06
K271493		14.7	393	34.9				
K271495		14.1	69	37.4				
K271527		10.5	152	176.0				
K271528		10.9	4500	54.8				
G006275		8.2	>10000	22.2	153	1.235	1.460	9.08
K271529		14.2	407	154.5				
K271530		13.1	208	172.0				
K271531		6.7	>10000	56.4	157		2.38	8.37
K271532		13.3	1360	215				
K271533		10.3	>10000	40.7				1.345
K271535		14.8	482	42.4				
K271555		14.2	4500	32.8				
K271557		12.5	200	166.0				
K271558		9.7	>10000	51.3				1.305
K271559		11.8	2200	110.5				
K271560		11.3	468	157.0				
K271811		12.8	447	31.7				
G006276		11.5	7280	17.4	103			
K271812		13.0	1720	28.7				
K271814		12.9	1480	34.2				
K271815		15.6	68	33.9				
K271816		15.7	1460	36.5				
K271838		14.0	85	144.0				
K271839		13.0	6100	40.9	115		2.00	
K271841		15.2	924	40.2				
K271842		14.2	329	36.7				
K271843		14.3	4170	48.9				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016885

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016886

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

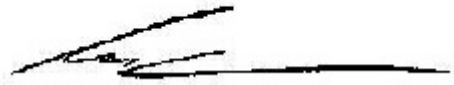
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271844		0.93	7.91	46.4	1210	1.90	0.15	2.08	4.20	63.1	5.7	14	23.0	10.3	2.74	18.70
K271845		0.21	7.61	21.9	1550	2.16	0.04	2.82	0.53	54.0	5.6	14	22.8	9.3	2.23	19.35
K271846		5.82	7.95	639	2300	2.29	1.04	2.46	20.4	51.0	8.5	8	32.8	43.5	3.43	17.25
K271847		2.42	8.20	75.6	1160	2.05	0.18	3.15	1.41	51.0	7.2	8	28.1	10.4	2.63	18.55
K271848		0.54	7.79	49.1	1110	1.80	0.02	3.34	0.22	47.3	6.9	9	20.5	7.8	2.56	18.15
K271849		20.0	7.60	3630	570	1.87	2.66	2.47	63.3	50.2	7.7	9	21.8	112.0	3.88	17.55
K271850		0.20	8.04	44.0	1010	1.84	0.09	3.07	0.25	55.2	6.0	22	29.6	12.1	2.29	20.1
K271851		15.30	7.95	2170	820	1.44	5.48	1.36	33.4	47.6	9.8	8	14.95	182.0	5.11	16.50
G006277		>100	8.19	63.2	1640	1.29	1.31	2.59	56.0	29.1	13.8	22	2.42	5020	4.06	22.2
K271853		37.8	7.08	1200	1060	1.41	5.45	1.54	22.3	51.3	7.1	8	11.15	251	4.10	16.20
K271854		0.31	7.25	23.1	750	1.45	0.07	3.59	0.36	53.7	4.9	20	5.74	8.9	1.96	17.30
K271855		0.30	6.19	26.2	460	1.31	0.08	5.85	0.21	46.8	4.6	14	5.54	7.6	2.07	14.00
K271856		2.82	7.36	691	1040	1.60	0.41	3.02	6.76	56.5	6.6	22	15.40	22.8	2.42	17.45
K271857		13.45	7.11	2240	1140	1.45	1.34	2.05	22.9	47.8	9.6	7	12.40	45.3	3.87	15.55
K271859		2.41	7.54	102.5	1860	1.57	0.75	2.66	9.66	43.4	9.3	11	16.20	10.8	3.73	16.50
K272134		0.68	8.05	48.8	870	1.76	0.28	1.64	2.58	75.0	6.7	15	23.9	13.7	2.68	19.75
K271303		0.01	0.07	<5	20	<0.05	0.01	21.4	0.07	1.37	1.3	2	0.17	1.5	0.44	0.33
K272135		1.74	7.69	49.1	1390	1.51	0.98	2.11	5.39	44.8	7.7	15	14.10	7.2	3.36	16.25
K272137		3.03	7.14	1210	960	1.44	0.97	1.65	7.73	49.9	6.7	8	15.00	14.1	4.12	15.70
K272138		7.93	7.53	1540	1250	1.57	1.26	1.99	71.3	49.7	7.5	8	18.35	70.5	3.96	16.00
K272139		1.19	7.23	96.6	1780	1.40	0.55	2.40	1.78	40.9	7.2	9	18.10	15.0	3.26	16.05
K272140		7.49	7.45	232	1070	1.43	2.58	2.01	18.90	45.1	7.0	9	19.30	91.1	3.95	15.75
K272149		0.47	7.23	50.2	1090	1.73	0.08	3.07	0.28	46.2	6.4	8	23.8	6.1	2.34	17.90
K272150		>100	4.84	>10000	2010	1.09	12.15	0.77	988	29.2	6.2	6	13.25	2170	7.94	11.40
K272152		0.92	7.37	63.6	2060	1.91	0.13	2.08	2.65	58.9	7.5	23	22.8	16.2	2.69	19.35
K272153		4.08	3.73	442	380	0.70	4.30	0.57	2.70	10.95	15.8	8	2.43	8.5	20.7	7.60
K272154		3.61	5.26	88.6	360	1.02	4.71	0.18	1.60	6.88	12.4	10	2.89	5.3	8.71	10.30
K272155		4.70	7.14	131.0	1370	1.31	2.39	0.90	14.20	23.8	8.8	9	5.37	13.6	4.94	12.90
K272156		1.48	7.57	30.1	1290	1.27	1.05	2.37	2.83	49.7	7.8	10	15.30	4.3	3.00	16.40
K272157		1.75	7.43	43.2	900	1.27	1.17	2.02	5.51	47.2	7.7	17	14.75	7.6	3.37	16.50
G006278		>100	1.35	1070	240	0.28	60.5	1.74	497	13.20	28.4	31	0.72	>10000	16.75	17.60
K272158		10.20	6.61	5070	1520	1.18	1.36	1.72	39.1	37.6	7.1	11	13.65	46.8	5.03	15.40
K272159		2.25	7.27	158.5	930	1.23	0.74	2.23	10.50	53.1	8.5	13	18.75	11.2	3.35	16.30
K272160		0.39	7.56	22.1	1390	1.39	0.52	2.13	0.42	58.9	7.1	12	22.7	8.8	2.99	16.40
K272161		10.40	6.93	2770	700	1.21	0.56	2.31	50.8	49.9	7.2	14	17.45	42.3	4.48	16.00
K272162		0.97	7.27	185.5	1620	1.24	0.40	2.33	1.23	58.5	7.1	12	25.4	6.7	2.72	16.60

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K271844		0.16	3.5	0.075	2.79	33.1	89.5	0.81	623	0.67	0.04	11.0	4.7	990	165.0	108.5
K271845		0.16	3.3	0.026	2.72	27.4	157.5	0.75	457	2.09	0.04	11.2	4.8	960	34.1	80.4
K271846		0.20	1.4	0.307	3.27	27.0	37.2	0.94	1320	2.61	0.06	8.4	2.8	650	1040	163.0
K271847		0.16	3.5	0.057	2.97	26.4	70.2	1.20	697	5.75	0.06	10.9	4.1	800	425	144.0
K271848		0.18	3.3	0.029	2.85	24.3	282	1.21	704	3.05	0.04	10.5	4.2	750	41.2	136.5
K271849		0.19	2.7	0.729	3.02	27.2	111.0	0.97	668	4.25	0.03	9.6	4.7	670	3780	177.0
K271850		0.17	2.9	0.025	2.84	29.1	165.5	1.03	652	1.94	0.05	10.1	14.3	760	20.3	113.5
K271851		0.20	1.1	0.458	3.19	26.2	21.6	0.65	1420	8.50	0.03	8.3	3.3	600	2560	194.0
G006277		0.20	0.5	12.45	2.43	14.7	10.8	0.73	612	43.8	2.76	7.8	12.3	860	10000	66.3
K271853		0.21	1.1	0.235	2.91	29.6	57.5	0.63	1260	10.70	0.03	7.4	4.0	530	1630	166.5
K271854		0.16	2.4	0.021	0.41	28.8	260	1.14	591	2.82	0.01	8.9	10.1	710	21.1	18.3
K271855		0.14	2.2	0.019	0.33	25.0	265	2.29	870	2.95	0.01	7.7	9.1	590	15.7	15.6
K271856		0.16	3.2	0.103	1.83	31.4	121.5	1.15	758	4.80	0.03	8.8	16.2	590	427	90.0
K271857		0.20	1.2	0.242	3.07	26.3	30.1	0.78	1500	5.00	0.03	7.6	3.1	520	1930	180.0
K271859		0.19	1.3	0.088	3.36	22.5	32.7	0.78	1430	1.51	0.47	8.7	2.6	580	590	153.5
K272134		0.18	3.9	0.047	2.72	40.5	180.5	0.70	615	2.51	0.05	11.6	5.3	1110	147.5	118.0
K271303		0.31	<0.1	<0.005	0.03	0.6	1.1	13.05	181	0.14	0.01	0.3	2.3	270	2.0	1.4
K272135		0.18	1.0	0.068	3.39	24.0	42.0	0.83	1140	4.48	0.04	6.7	2.2	580	318	183.5
K272137		0.19	1.1	0.079	3.06	27.4	30.9	0.64	1840	1.12	0.02	7.8	2.5	530	443	169.5
K272138		0.19	1.2	0.214	3.17	26.8	30.7	0.65	1610	1.54	0.04	7.8	2.3	580	1770	174.0
K272139		0.18	1.0	0.063	3.12	20.2	26.5	0.65	1750	2.00	0.68	8.5	2.6	590	127.5	127.0
K272140		0.19	0.9	0.160	3.27	23.9	18.2	0.73	2540	1.33	0.04	8.0	2.3	560	1400	159.0
K272149		0.17	3.3	0.034	3.11	23.2	39.9	0.99	582	1.34	0.04	10.7	4.0	720	27.0	134.0
K272150		0.24	1.2	17.20	1.83	14.5	30.0	0.41	832	10.20	0.03	5.4	2.4	380	>10000	104.0
K272152		0.15	4.4	0.085	1.86	28.4	438	0.86	590	1.00	0.03	12.1	8.0	1370	162.0	65.7
K272153		0.53	0.4	0.139	1.81	5.5	5.2	0.29	223	6.52	0.02	3.8	3.0	850	228	106.5
K272154		0.25	0.7	0.206	2.46	3.1	4.7	0.29	101	2.67	0.04	4.8	1.7	440	139.0	149.5
K272155		0.20	1.0	0.133	3.39	10.6	9.6	0.50	1360	5.51	0.03	6.3	2.1	490	818	208
K272156		0.13	1.0	0.061	3.33	27.4	15.8	0.94	1340	4.04	0.05	6.2	2.2	560	237	190.5
K272157		0.14	0.9	0.075	3.24	26.1	37.0	0.81	1140	4.67	0.04	6.6	2.3	560	330	191.0
G006278		1.00	0.6	6.92	0.40	7.6	8.3	0.84	378	34.8	0.02	1.6	54.4	390	>10000	16.7
K272158		0.16	0.9	0.514	2.88	20.0	13.8	0.68	1820	7.09	0.03	6.5	2.2	500	1700	177.5
K272159		0.14	1.0	0.093	3.07	30.7	18.3	0.82	1690	7.68	0.03	7.2	2.4	550	377	177.0
K272160		0.15	1.0	0.044	2.45	34.1	277	0.77	750	4.58	0.05	7.7	2.1	590	27.8	124.5
K272161		0.15	0.9	0.364	2.91	28.4	19.0	0.87	2170	5.17	0.03	7.2	2.3	540	2070	179.5
K272162		0.14	1.1	0.048	2.79	33.6	22.1	0.82	861	3.00	0.04	8.3	2.3	560	58.4	161.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K271844		<0.002	0.25	13.50	5.6	1	1.9	595	0.73	<0.05	10.0	0.298	1.69	3.4	52	2.5
K271845		<0.002	0.10	14.80	4.8	1	2.1	543	0.77	<0.05	9.2	0.294	1.37	4.2	49	3.9
K271846		<0.002	1.49	23.8	11.0	2	3.0	165.5	0.61	0.06	12.4	0.258	2.67	5.0	72	3.6
K271847		<0.002	0.32	32.1	7.9	1	1.5	562	0.76	<0.05	9.6	0.305	2.89	6.0	75	11.9
K271848		<0.002	0.25	29.7	7.5	1	1.4	401	0.73	<0.05	9.3	0.280	3.04	5.7	69	8.3
K271849		<0.002	2.05	53.4	8.1	2	3.3	435	0.67	0.10	11.1	0.279	3.14	6.5	69	9.9
K271850		<0.002	0.18	10.35	6.5	1	1.7	357	0.69	<0.05	10.9	0.284	2.15	5.5	55	2.3
K271851		<0.002	4.18	72.6	9.8	2	5.0	102.5	0.61	0.56	13.8	0.236	3.06	5.5	66	5.8
G006277		0.019	1.80	164.5	7.1	5	365	734	0.38	0.13	5.3	0.239	3.81	1.2	83	19.6
K271853		<0.002	3.50	126.5	9.2	2	4.1	151.0	0.54	0.38	12.5	0.222	2.54	5.9	60	3.2
K271854		<0.002	0.15	12.10	5.7	1	1.4	686	0.63	<0.05	10.1	0.254	0.55	5.7	48	3.4
K271855		<0.002	0.11	14.75	4.7	1	1.3	387	0.55	<0.05	8.7	0.218	0.38	5.6	41	4.7
K271856		<0.002	0.75	17.30	6.7	1	2.2	489	0.67	0.08	12.2	0.244	1.63	6.1	54	3.0
K271857		<0.002	3.16	36.2	9.4	2	3.4	102.5	0.57	0.54	13.1	0.222	2.85	4.5	61	3.1
K271859		<0.002	1.74	11.50	10.0	2	2.7	161.0	0.64	0.34	12.5	0.250	2.66	4.7	69	3.0
K272134		<0.002	0.27	16.50	6.1	1	1.8	604	0.72	<0.05	10.9	0.327	1.76	5.7	57	2.9
K271303		<0.002	<0.01	0.05	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K272135		<0.002	2.48	7.66	9.8	1	2.6	104.0	0.51	0.43	13.3	0.214	2.93	4.7	66	3.3
K272137		<0.002	3.60	21.8	10.0	1	3.8	86.0	0.60	0.24	14.1	0.231	3.25	4.2	64	5.7
K272138		<0.002	2.89	32.3	9.9	2	3.6	134.5	0.56	0.11	12.6	0.241	3.25	4.7	67	5.2
K272139		<0.002	1.08	9.49	9.5	1	2.1	221	0.61	0.25	10.6	0.251	2.67	4.2	70	4.2
K272140		<0.002	2.37	24.6	9.4	1	2.8	136.0	0.57	0.17	11.8	0.237	3.01	4.1	66	4.6
K272149		<0.002	0.20	26.4	6.8	1	1.3	326	0.74	<0.05	8.9	0.283	3.40	4.8	67	6.8
K272150		<0.002	>10.0	561	5.2	7	10.5	187.5	0.39	0.47	7.0	0.160	1.96	3.3	44	7.5
K272152		<0.002	0.12	19.50	6.1	1	1.5	580	0.74	<0.05	8.0	0.365	1.71	3.4	67	3.7
K272153		<0.002	>10.0	6.02	3.4	2	5.3	15.3	0.23	0.69	7.3	0.105	1.39	2.2	29	3.3
K272154		<0.002	9.38	2.74	7.2	1	7.6	12.3	0.39	0.47	10.2	0.156	1.73	1.8	51	4.9
K272155		<0.002	5.03	8.57	8.9	2	8.3	36.0	0.50	0.60	12.9	0.188	2.67	5.0	51	4.8
K272156		<0.002	1.86	6.25	9.9	1	2.1	127.5	0.50	0.43	12.5	0.200	2.58	4.6	64	2.7
K272157		<0.002	2.40	7.24	9.9	1	2.5	103.0	0.49	0.44	12.7	0.207	2.57	4.4	64	3.0
G006278		0.031	>10.0	254	2.9	229	110.5	41.1	0.10	0.90	1.2	0.041	33.7	4.4	56	1.7
K272158		<0.002	3.70	46.5	8.4	2	4.4	168.5	0.46	0.54	9.9	0.204	2.83	4.3	57	4.3
K272159		<0.002	2.01	17.50	10.0	2	2.4	132.0	0.52	0.26	11.9	0.223	2.91	4.9	63	5.3
K272160		<0.002	0.89	20.4	10.6	1	2.4	199.0	0.57	0.14	13.3	0.245	1.85	3.5	68	4.3
K272161		<0.002	3.02	38.2	9.7	2	4.7	158.5	0.52	0.15	12.1	0.220	3.11	3.9	61	7.6
K272162		<0.002	1.27	13.85	10.8	2	2.2	178.5	0.65	0.12	14.3	0.239	2.55	4.6	63	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K271844		9.2	357	147.0				
K271845		8.1	142	127.0				
K271846		15.2	1390	46.7				
K271847		13.6	150	145.0				
K271848		13.2	68	131.0				
K271849		12.1	4400	112.0				
K271850		12.4	62	117.5				
K271851		11.0	2370	35.0				
G006277		10.5	7910	15.8	106		0.996	
K271853		11.3	1830	36.1				
K271854		10.6	69	88.7				
K271855		9.8	59	81.0				
K271856		11.3	516	127.0				
K271857		11.1	1580	36.2				
K271859		13.1	653	37.7				
K272134		11.0	245	173.5				
K271303		0.8	16	<0.5				
K272135		11.3	400	26.0				
K272137		11.0	572	29.7				
K272138		13.0	5080	36.6				
K272139		12.5	216	27.8				
K272140		12.8	1650	27.1				
K272149		12.5	70	132.5				
K272150		7.4	>10000	42.9	291		6.20	6.02
K272152		9.8	242	190.0				
K272153		10.1	210	14.3				
K272154		5.2	114	20.8				
K272155		8.9	972	27.9				
K272156		11.4	214	26.7				
K272157		11.0	390	25.2				
G006278		7.2	>10000	17.4	149	1.210	1.500	9.12
K272158		10.0	2510	27.3				
K272159		11.1	679	26.3				
K272160		13.0	64	27.0				
K272161		11.5	3280	25.3				
K272162		13.3	103	29.8				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016886

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

CERTIFICATE WH12016887

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

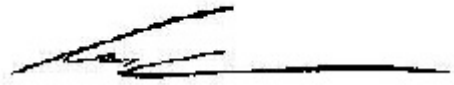
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K272164		3.04	6.92	929	390	1.55	0.38	2.14	23.3	47.6	7.1	15	17.95	22.9	3.35	15.55
K272165		0.20	6.68	17.8	970	2.01	0.16	2.96	0.10	47.9	5.0	24	35.0	10.4	2.18	17.50
K272166		29.2	4.69	>10000	640	1.10	1.37	0.55	82.2	30.5	6.3	14	10.40	117.0	4.52	12.85
K272167		0.38	6.65	328	530	1.91	0.15	2.26	2.02	48.9	5.1	31	33.0	14.2	2.08	18.15
G006279		>100	1.31	1090	140	0.24	56.8	1.67	483	11.25	27.1	29	0.73	>10000	16.75	17.55
K272168		>100	4.54	>10000	420	1.19	6.80	0.59	283	34.4	5.0	15	15.40	502	6.23	12.55
K272170		0.42	7.04	154.0	610	1.45	0.27	2.68	1.94	45.3	7.7	15	23.8	12.4	2.75	15.50
K272254		0.11	7.29	9.6	2060	1.58	0.15	2.19	0.09	51.3	7.0	11	15.25	6.2	3.03	15.80
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		13.90	6.31	1365	910	1.19	5.86	2.73	151.5	42.7	6.3	7	21.9	89.4	3.70	13.80
K272302		4.05	6.88	3960	920	1.55	0.79	2.10	27.9	49.1	6.1	8	21.6	25.3	4.14	14.10
K272303		0.91	7.12	51.4	1960	1.47	0.37	2.25	4.03	52.5	5.7	11	15.85	9.9	3.19	15.05
K272307		0.57	6.94	21.1	1770	1.57	1.15	2.34	1.55	47.4	7.0	11	12.10	7.0	3.05	15.00
K272308		41.3	5.86	1075	970	1.21	14.20	1.76	74.5	39.6	10.2	6	14.65	268	4.44	13.20
K272309		0.76	6.86	13.2	810	1.38	0.94	1.73	0.62	53.9	6.8	9	12.20	1.5	3.02	13.90
G006280		97.6	7.35	51.0	1130	1.23	1.60	2.28	55.3	31.7	12.5	21	2.51	4430	3.82	21.8
K272323		0.10	7.35	7.1	2360	1.35	0.23	2.07	0.15	48.0	8.5	8	15.50	6.1	2.77	16.30
K272324		10.60	6.16	>10000	380	1.00	2.47	1.47	40.3	43.8	6.6	7	15.65	119.5	4.44	13.95
K272326		0.20	7.32	18.6	1150	2.28	0.20	2.77	0.34	60.3	5.6	15	20.7	8.8	2.40	20.4
K272327		0.06	7.33	19.2	970	2.40	0.11	1.90	0.30	61.2	5.4	14	22.2	4.0	2.34	19.90
K272328		0.41	7.35	156.0	1720	2.00	0.33	1.35	2.13	64.7	5.7	16	23.5	10.4	2.58	19.70
K272329		2.68	6.91	142.5	750	1.08	1.45	2.02	7.38	46.0	10.3	8	21.1	22.9	3.44	15.25
K272331		12.20	6.98	94.8	180	0.97	5.51	1.90	5.09	44.0	9.6	9	15.00	220	4.06	14.60
K272332		0.08	6.91	29.1	1490	1.82	0.20	2.55	0.16	43.6	6.2	14	17.55	6.4	2.30	17.60
K272348		0.61	7.19	71.8	1110	1.69	0.44	1.94	2.31	44.8	7.7	13	22.2	7.1	2.72	16.85
K272349		5.04	6.51	4830	180	0.97	1.76	2.07	23.6	44.5	21.6	9	18.55	29.5	5.66	14.50
K272351		5.17	7.04	322	830	1.48	1.69	1.90	67.3	49.7	8.8	8	16.75	33.8	3.70	15.30
K271376		0.03	0.11	5	20	0.06	0.02	20.3	0.12	1.82	1.1	1	0.34	1.9	0.45	0.34
K272363		0.57	7.12	39.4	630	1.11	0.58	2.85	1.85	55.4	15.5	8	9.93	2.1	2.99	16.10
K272365		40.7	5.40	>10000	170	1.01	10.15	1.21	123.0	15.55	9.5	8	7.64	596	5.88	12.95
K272366		0.35	6.79	37.0	1210	1.48	0.16	2.09	0.43	61.6	4.7	30	14.05	12.8	1.80	18.20
K272367		17.25	5.22	>10000	680	1.14	2.33	0.78	53.3	34.3	8.3	10	8.12	187.5	6.35	12.35
K272369		0.28	7.08	44.0	2050	1.81	0.26	2.59	0.58	61.7	5.6	19	34.6	8.2	2.42	17.95
K272370		0.08	6.90	35.2	1630	2.32	0.19	2.41	0.11	53.9	4.7	23	32.3	8.5	1.98	19.30
K272371		31.0	6.01	1790	590	1.17	14.45	0.66	124.5	46.7	7.0	10	10.75	505	6.43	14.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K272164		0.11	1.2	0.133	3.04	24.1	14.4	0.74	2010	5.12	0.03	7.5	4.0	550	719	171.5
K272165		0.13	3.2	0.035	2.51	21.5	173.0	0.85	524	1.64	0.07	8.7	13.9	740	18.6	85.3
K272166		0.17	1.1	0.585	1.99	15.3	29.6	0.33	308	25.6	0.03	5.1	5.8	350	4480	134.0
K272167		0.12	4.2	0.079	2.50	25.2	27.2	0.85	562	1.03	0.06	8.7	17.8	640	66.8	89.3
G006279		1.13	0.6	6.60	0.39	6.5	7.1	0.81	368	37.0	0.02	1.8	56.3	370	>10000	15.8
K272168		0.20	1.6	4.95	1.61	17.6	46.9	0.29	410	90.4	0.02	5.2	9.3	340	>10000	92.7
K272170		0.13	1.1	0.051	2.92	22.3	15.1	0.89	791	3.67	0.04	8.1	2.4	600	88.6	109.0
K272254		0.13	1.4	0.047	2.56	25.8	24.7	0.77	491	1.96	1.64	8.2	2.4	600	17.8	110.5
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		0.17	1.2	2.01	2.71	23.2	38.4	0.97	1460	5.34	0.06	6.8	2.1	450	3580	153.0
K272302		0.10	1.4	0.409	2.58	25.7	143.0	0.77	1820	1.91	0.04	6.9	1.9	510	1050	134.5
K272303		0.12	1.4	0.061	3.10	26.6	16.3	0.65	1230	0.77	1.35	7.5	1.9	540	230	145.5
K272307		0.13	1.3	0.085	2.54	24.7	40.7	0.69	817	0.49	1.55	7.6	2.2	550	82.8	115.5
K272308		0.20	1.2	2.40	2.47	21.7	62.2	0.64	1530	47.0	0.05	6.1	2.6	430	9640	142.0
K272309		0.13	1.3	0.036	3.21	28.3	23.2	0.91	773	1.23	0.04	4.8	2.0	510	45.3	194.5
G006280		0.19	0.6	12.85	2.14	16.4	11.7	0.67	564	38.6	2.45	7.1	12.2	790	8720	70.7
K272323		0.13	1.2	0.038	2.80	24.8	59.4	0.61	535	0.96	0.34	8.0	2.7	540	17.9	116.5
K272324		0.17	1.2	0.457	2.50	23.9	82.6	0.55	1180	4.68	0.06	6.8	2.4	450	1055	149.5
K272326		0.16	3.3	0.026	2.51	30.9	331	0.74	546	1.10	0.03	10.5	5.2	970	22.3	84.5
K272327		0.14	3.0	0.030	2.65	30.9	391	0.74	519	1.06	0.03	11.0	4.9	900	23.4	90.2
K272328		0.16	3.8	0.054	2.58	32.6	331	0.63	639	2.82	0.02	10.8	5.1	1030	68.6	98.0
K272329		0.17	1.4	0.154	2.69	26.0	91.1	0.75	1100	4.34	0.04	7.3	2.8	500	497	154.5
K272331		0.18	1.3	0.860	2.76	23.6	52.4	0.74	592	1.71	0.51	6.6	2.6	530	3190	140.0
K272332		0.15	2.2	0.026	2.50	21.0	246	0.72	461	1.44	0.11	8.8	4.3	780	16.0	79.1
K272348		0.14	1.5	0.076	2.91	21.7	229	0.61	807	1.19	0.09	8.6	2.8	560	101.0	111.5
K272349		0.21	1.1	0.159	2.58	24.2	73.8	0.73	1140	8.73	0.03	7.2	3.0	490	670	155.5
K272351		0.16	1.0	1.215	2.81	26.7	39.2	0.72	2460	3.60	0.03	7.1	2.6	500	1435	169.0
K271376		0.07	<0.1	0.005	0.04	0.9	2.0	13.00	204	0.13	0.01	0.3	3.1	190	4.9	2.2
K272363		0.13	1.0	0.084	3.12	30.2	23.1	1.00	1360	6.51	0.04	6.8	2.4	550	76.5	198.0
K272365		0.15	0.8	2.81	2.27	4.6	14.1	0.54	1500	20.6	0.02	5.0	3.0	380	8260	154.5
K272366		0.13	4.0	0.028	0.94	33.3	210	0.90	531	2.56	0.02	8.5	19.9	540	27.4	48.3
K272367		0.15	1.0	0.409	2.17	18.2	23.8	0.39	689	6.59	0.02	4.9	3.1	360	2990	146.5
K272369		0.13	2.5	0.039	2.45	32.6	187.0	0.89	718	1.63	0.05	8.5	10.5	670	62.1	118.0
K272370		0.13	3.0	0.027	2.16	26.9	334	0.83	493	1.38	0.04	8.8	14.7	670	14.8	85.7
K272371		0.18	1.2	2.05	2.64	24.4	15.5	0.42	905	14.85	0.02	6.0	3.7	500	6380	182.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K272164		0.002	2.28	19.00	9.2	<1	3.5	136.0	0.60	0.09	12.3	0.235	3.18	4.9	62	4.8
K272165		<0.002	0.02	10.65	5.2	<1	1.5	408	0.69	<0.05	8.9	0.270	1.65	5.3	52	1.8
K272166		<0.002	3.62	104.5	6.7	1	6.8	103.5	0.39	0.20	8.0	0.145	1.92	9.9	41	3.9
K272167		<0.002	0.08	10.20	5.3	<1	1.7	406	0.71	<0.05	10.4	0.256	1.82	5.0	50	1.7
G006279		0.034	>10.0	256	2.8	238	104.5	40.6	0.09	0.80	1.0	0.038	33.6	3.5	54	1.7
K272168		0.002	5.23	312	5.4	2	6.5	144.0	0.42	0.13	7.0	0.150	1.83	25.9	37	3.5
K272170		<0.002	0.73	10.80	9.8	1	1.9	188.0	0.66	0.08	12.4	0.260	2.48	7.4	69	3.7
K272254		<0.002	0.01	3.30	10.5	<1	1.6	282	0.69	<0.05	14.0	0.258	1.19	4.2	72	5.5
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		<0.002	2.42	28.7	9.1	2	2.8	157.5	0.58	0.13	13.6	0.185	2.63	5.3	52	4.4
K272302		0.002	2.11	35.8	8.8	<1	3.1	135.5	0.64	0.11	14.7	0.222	2.79	5.4	60	6.9
K272303		<0.002	0.56	6.34	9.1	<1	2.1	253	0.68	0.07	15.2	0.229	1.99	5.6	61	1.9
K272307		<0.002	0.69	6.66	9.3	<1	2.1	251	0.63	0.41	13.1	0.241	1.71	4.8	65	1.8
K272308		0.003	3.60	137.5	8.5	2	2.8	100.0	0.51	0.30	11.8	0.174	2.47	7.3	49	3.0
K272309		<0.002	2.40	11.00	9.0	<1	1.4	88.5	0.42	0.38	15.5	0.151	2.60	5.8	56	2.5
G006280		0.020	1.44	143.5	7.5	4	315	658	0.39	0.11	5.0	0.209	3.56	1.1	72	18.0
K272323		<0.002	0.44	12.40	10.7	1	1.6	164.5	0.72	0.05	13.8	0.234	1.68	3.4	62	2.5
K272324		<0.002	2.93	87.8	8.7	1	4.9	127.0	0.51	0.08	12.4	0.191	1.97	5.3	51	4.2
K272326		<0.002	0.05	24.8	5.2	1	1.4	407	0.75	<0.05	9.4	0.286	1.21	3.7	47	1.9
K272327		<0.002	0.07	25.1	5.1	1	1.3	303	0.80	<0.05	9.6	0.285	1.28	4.3	43	3.5
K272328		<0.002	0.17	22.5	5.9	1	1.6	435	0.75	<0.05	9.8	0.303	1.40	4.9	50	3.6
K272329		0.002	1.78	21.6	9.8	1	1.9	138.5	0.55	0.26	12.4	0.207	2.29	5.3	59	3.1
K272331		0.002	2.91	21.9	9.8	1	2.1	231	0.49	0.24	12.2	0.196	1.89	4.3	62	2.4
K272332		<0.002	0.45	12.45	8.7	1	1.5	282	0.70	0.06	9.7	0.273	1.57	4.1	66	1.8
K272348		<0.002	0.64	15.85	10.5	1	2.1	202	0.82	0.14	12.6	0.245	2.06	6.4	65	3.6
K272349		0.002	4.47	31.0	9.9	1	2.1	148.5	0.51	0.42	12.2	0.206	2.67	5.0	58	3.7
K272351		<0.002	1.91	30.0	10.0	2	2.3	149.0	0.57	0.16	12.3	0.216	2.99	5.2	61	5.3
K271376		<0.002	0.01	0.29	0.4	1	<0.2	46.7	<0.05	<0.05	0.2	<0.005	0.02	0.6	2	0.1
K272363		0.002	1.77	6.84	10.1	1	2.5	100.5	0.59	0.14	14.1	0.197	2.88	7.2	63	2.4
K272365		0.005	5.51	137.5	7.3	2	9.2	190.0	0.41	0.21	5.3	0.150	2.45	12.3	47	4.2
K272366		<0.002	0.18	20.5	5.9	1	1.5	820	0.72	<0.05	11.0	0.230	0.92	6.1	43	3.7
K272367		<0.002	5.71	92.4	6.4	2	7.9	71.0	0.44	0.16	8.3	0.143	1.96	5.7	42	4.2
K272369		<0.002	0.53	20.4	6.4	1	1.7	300	0.69	<0.05	10.4	0.239	1.85	6.5	48	2.1
K272370		<0.002	0.09	29.0	6.0	1	1.5	390	0.72	<0.05	10.0	0.254	2.02	7.7	49	1.8
K272371		0.002	6.23	98.9	8.5	2	8.9	56.5	0.48	0.28	10.5	0.193	2.87	5.7	56	7.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K272164		12.1	1660	32.2				
K272165		10.4	58	108.0				
K272166		7.1	5360	32.9				
K272167		10.3	173	151.5				
G006279		7.4	>10000	18.3	173	1.305	1.530	9.52
K272168		8.2	>10000	58.1	124		3.51	1.825
K272170		13.8	158	27.6				
K272254		16.3	41	35.5				
K272255		NSS	NSS	NSS				
K272257		NSS	NSS	NSS				
K272300		13.7	>10000	41.3				1.165
K272302		12.9	1870	36.5				
K272303		15.0	421	36.7				
K272307		13.7	195	36.3				
K272308		11.3	6580	33.6				
K272309		10.6	68	35.8				
G006280		11.4	6950	15.7				
K272323		15.4	45	34.6				
K272324		11.6	3210	40.0				
K272326		9.6	136	120.5				
K272327		9.3	143	104.5				
K272328		10.1	240	144.5				
K272329		12.5	570	43.0				
K272331		11.8	526	40.8				
K272332		11.3	54	75.3				
K272348		13.8	207	36.6				
K272349		13.1	1670	32.0				
K272351		13.1	4470	28.1				
K271376		1.1	18	<0.5				
K272363		13.8	165	26.2				
K272365		9.1	8590	22.1				
K272366		12.3	65	144.5				
K272367		8.6	3590	27.5				
K272369		12.9	89	83.1				
K272370		12.1	60	104.5				
K272371		10.0	8380	39.2				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016887

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016888

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K272372		1.10	7.20	94.3	1810	1.73	0.63	2.48	2.78	48.3	6.8	11	13.85	7.4	3.37	16.15
K270042		0.32	7.56	48.2	1970	1.56	0.15	2.74	0.56	42.2	6.6	9	21.4	12.8	3.27	17.20
K270043		>100	6.07	4940	2960	1.32	62.2	1.70	119.0	45.8	5.9	9	19.40	958	5.16	13.05
K270045		0.10	5.44	23.8	2460	1.57	0.15	1.24	0.25	44.5	5.3	14	13.75	7.9	2.38	17.65
K270046		0.30	8.05	25.6	1230	1.80	0.27	1.35	0.40	71.9	5.8	15	22.0	13.6	2.64	20.5
K271159		0.01	0.08	<5	20	<0.05	0.04	20.4	0.08	1.08	1.3	<1	0.21	2.5	0.47	0.32
K270047		1.29	7.44	117.5	2930	1.82	0.28	1.77	1.88	56.1	6.6	10	28.3	33.8	2.92	16.65
K270048		0.56	7.77	65.3	1790	1.32	0.32	1.72	0.92	46.7	5.6	9	25.6	18.8	2.96	15.50
K270049		78.0	5.75	1115	1620	1.36	17.75	1.35	41.9	35.2	13.5	9	21.6	857	5.32	11.95
K270051		0.36	6.66	33.0	1710	1.29	0.26	2.01	0.38	31.5	5.6	9	16.45	16.6	2.71	15.20
K270059		0.70	6.83	38.9	750	1.79	0.29	2.65	0.53	46.7	6.5	27	28.3	14.3	2.15	18.35
K270060		53.2	5.84	>10000	1580	1.10	4.77	0.87	43.9	43.2	18.0	9	10.15	69.4	5.65	12.95
G006281		>100	7.57	55.7	1570	1.22	1.78	2.36	59.0	28.1	12.5	22	2.72	4710	3.85	20.8
K270061		1.66	7.57	234	1980	1.19	0.32	1.45	5.83	45.3	6.3	8	14.65	8.9	2.91	16.55
K270062		9.25	6.76	>10000	1560	1.59	0.57	1.81	21.1	51.0	7.3	8	24.8	30.0	5.00	16.25
K270064		0.37	7.13	40.2	1940	1.62	0.37	1.97	0.85	43.9	9.7	8	17.85	7.2	2.97	15.75
K271912		0.29	7.97	51.6	1620	1.57	0.35	2.37	0.32	49.3	8.0	9	22.7	7.7	3.04	17.40
K271913		90.8	6.36	7810	1690	1.33	8.55	1.57	181.0	46.1	5.4	6	18.55	526	4.23	13.80
K271914		2.15	7.18	172.5	1880	1.27	0.39	3.43	10.40	44.5	6.3	6	21.0	17.5	2.89	14.55
K271915		84.4	6.41	>10000	2010	1.24	3.12	2.14	81.6	43.6	4.8	8	14.35	388	5.64	14.40
K271917		1.86	7.27	97.9	1300	1.48	0.51	2.81	4.50	39.3	13.1	9	21.7	37.9	3.65	16.35
K271918		3.97	7.40	228	1210	1.88	1.47	2.16	17.90	46.1	7.2	8	21.6	40.3	3.30	16.60
K271919		5.74	7.09	213	1170	1.81	3.25	2.31	27.1	45.3	8.3	8	24.4	75.2	3.00	16.10
K271920		0.31	6.87	60.9	810	1.69	0.10	2.18	0.26	45.7	5.9	8	24.3	6.4	2.23	16.75
G006282		>100	1.32	1095	250	0.20	59.7	1.65	485	11.70	24.0	29	0.75	>10000	16.10	14.20
K271935		0.53	7.27	27.4	1460	1.70	0.23	2.00	1.32	56.2	5.0	15	20.1	29.1	2.45	18.60
K271936		>100	3.34	6040	650	0.76	166.5	0.99	>1000	24.3	3.5	6	6.34	4080	11.05	8.30
K271938		4.53	7.55	409	1200	1.49	1.45	2.25	98.9	42.0	6.8	11	21.7	58.8	3.44	16.40
K271944		2.08	7.62	59.2	2090	1.56	0.85	2.17	6.16	47.5	6.9	13	19.30	27.9	3.12	16.50
K271945		37.9	4.74	1570	560	1.02	27.6	1.60	41.1	32.7	6.4	11	8.63	1105	6.10	10.65
K271946		0.34	8.13	65.6	1490	1.78	0.20	2.02	0.87	73.9	7.1	23	22.6	14.8	2.91	19.45
K271951		2.11	7.13	441	1200	1.59	0.57	2.14	3.42	41.4	5.7	15	21.5	21.8	3.18	16.75
K271952		14.90	6.52	3640	810	1.09	6.01	1.22	62.7	37.4	8.3	14	11.60	280	7.91	15.45
K271953		0.56	7.35	69.8	1460	1.42	0.95	2.68	0.46	46.0	6.4	17	19.00	7.2	2.99	16.50
K269519		0.45	7.68	33.1	850	1.87	0.25	2.88	0.80	45.9	6.4	9	26.2	9.6	2.69	18.85
K269520		22.1	7.05	1455	790	2.06	2.34	1.57	28.4	47.9	7.5	7	26.7	81.0	4.14	15.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K272372		0.12	1.3	0.070	3.27	24.1	22.7	0.75	934	1.62	1.32	8.6	2.5	570	236	142.0
K270042		0.15	1.4	0.055	3.00	19.1	23.7	0.71	817	1.37	1.04	8.6	2.1	630	34.9	104.0
K270043		0.12	1.1	1.885	2.60	25.1	15.1	0.61	1960	15.45	0.01	6.8	2.4	470	8210	166.0
K270045		0.18	4.0	0.030	2.02	19.9	68.0	0.59	555	1.68	0.04	9.6	4.7	1030	24.6	40.2
K270046		0.15	4.0	0.033	2.42	36.0	65.3	0.76	541	1.29	0.04	11.0	5.4	1100	28.0	88.1
K271159		0.08	<0.1	0.006	0.04	0.5	0.9	12.85	220	0.11	<0.01	0.3	0.4	210	1.7	1.5
K270047		0.10	1.3	0.086	3.08	30.2	35.1	0.71	1310	1.90	0.04	9.1	2.8	610	92.8	145.0
K270048		0.10	1.3	0.057	2.93	24.5	36.9	0.72	1780	1.44	0.07	8.3	2.3	590	38.7	141.5
K270049		0.12	1.0	0.800	2.36	19.1	17.4	0.52	1450	19.10	0.04	5.9	2.4	440	4340	139.5
K270051		0.11	1.0	0.054	2.55	14.7	52.6	0.49	878	1.40	0.10	7.9	2.1	600	25.1	89.1
K270059		0.11	4.2	0.032	2.42	22.9	77.9	0.73	659	1.59	0.06	9.8	17.6	790	64.0	78.5
K270060		0.12	1.0	0.200	2.52	24.3	15.1	0.38	1660	11.95	0.03	5.4	3.7	440	3960	167.5
G006281		0.10	0.6	14.20	2.19	13.7	10.7	0.66	589	40.9	2.56	7.3	11.0	840	9540	62.6
K270061		0.10	1.3	0.067	2.23	23.1	35.6	0.55	908	3.79	0.05	8.5	2.2	600	234	100.5
K270062		0.13	1.1	0.113	2.55	28.1	26.9	0.63	1730	4.75	0.02	7.1	2.6	490	966	153.0
K270064		0.09	1.2	0.042	1.94	22.7	133.5	0.75	975	1.34	0.04	7.4	2.7	580	29.3	87.9
K271912		0.16	1.2	0.064	2.81	25.0	83.9	0.82	852	1.13	0.07	8.4	3.0	600	19.0	118.0
K271913		0.11	1.2	3.02	2.37	24.4	32.9	0.62	1260	5.48	0.02	6.7	2.0	490	>10000	147.0
K271914		0.10	1.1	0.196	2.30	23.5	76.9	1.34	1420	6.94	0.02	7.3	2.3	520	411	114.5
K271915		0.13	1.1	0.597	2.59	22.9	21.1	0.89	1930	1.78	0.02	6.6	2.0	490	7980	165.5
K271917		0.12	1.2	0.080	3.04	18.2	79.3	0.67	1480	1.99	0.07	8.7	2.9	640	266	113.0
K271918		0.09	1.2	0.228	2.73	22.9	76.7	0.69	901	1.35	0.15	8.2	2.2	600	967	123.5
K271919		0.13	1.3	0.433	2.83	22.7	19.6	0.85	778	1.59	0.04	8.1	2.7	590	1135	134.5
K271920		0.11	3.2	0.033	2.71	23.2	31.1	0.78	769	3.15	0.03	9.7	3.6	640	24.1	149.5
G006282		0.92	0.6	6.63	0.38	6.7	5.5	0.77	361	36.0	0.02	1.4	48.0	370	>10000	13.9
K271935		0.10	3.5	0.038	2.36	28.2	151.5	0.73	561	1.68	0.04	10.6	4.4	1000	55.6	74.1
K271936		0.17	0.5	31.9	1.43	13.4	11.6	0.40	1660	13.55	0.01	3.2	1.2	230	>10000	84.2
K271938		0.10	1.1	3.07	2.86	20.8	66.1	0.72	2110	2.23	0.03	8.2	2.2	600	841	123.5
K271944		0.11	1.2	0.169	2.82	23.5	37.9	0.70	714	2.81	1.15	8.7	2.4	610	319	127.0
K271945		0.14	0.9	0.697	2.01	16.9	22.7	0.65	1620	27.6	0.02	4.8	2.4	350	3150	128.0
K271946		0.11	4.6	0.042	2.30	37.8	364	1.00	731	0.98	0.03	11.8	7.3	1400	55.7	100.5
K271951		0.12	1.4	0.112	3.05	20.1	84.1	0.68	1540	4.12	0.04	8.4	2.4	560	167.0	133.5
K271952		0.15	1.0	1.655	2.78	20.1	16.4	0.54	2150	9.21	0.02	6.3	2.3	480	1250	177.0
K271953		0.10	1.1	0.056	2.97	23.1	70.4	0.78	1200	4.38	0.18	8.2	2.3	600	37.6	139.0
K269519		0.11	3.6	0.044	2.53	22.7	39.5	0.95	774	0.79	0.05	10.7	3.9	800	41.2	79.0
K269520		0.13	1.2	0.277	3.23	25.5	14.9	0.72	1880	8.09	0.04	7.5	2.4	510	1785	198.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K272372		<0.002	1.10	5.66	10.3	2	2.2	298	0.72	0.12	13.3	0.241	2.07	4.4	67	2.4
K270042		<0.002	0.08	10.90	9.5	1	1.9	254	0.73	0.13	9.9	0.278	1.61	4.4	73	2.5
K270043		0.002	4.93	309	8.4	3	5.8	123.0	0.56	0.46	11.2	0.203	2.80	6.5	56	7.6
K270045		<0.002	0.07	26.3	4.3	1	1.5	420	0.65	<0.05	6.0	0.306	0.90	3.8	52	2.1
K270046		<0.002	0.04	20.5	5.0	1	2.0	316	0.80	<0.05	9.9	0.320	1.04	3.8	51	2.2
K271159		<0.002	<0.01	0.11	0.3	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
K270047		<0.002	0.56	17.05	10.9	2	4.3	164.5	0.72	0.06	14.3	0.258	2.13	4.0	69	3.2
K270048		<0.002	0.44	14.75	9.9	1	3.3	131.5	0.67	0.08	12.8	0.243	1.84	3.9	66	3.5
K270049		0.002	4.93	251	7.5	1	4.9	90.5	0.45	2.42	8.4	0.184	2.06	17.6	54	4.5
K270051		<0.002	0.18	20.6	9.0	1	2.0	154.0	0.60	0.10	8.2	0.241	1.43	2.3	67	3.1
K270059		<0.002	0.07	12.30	5.7	1	1.8	546	0.75	<0.05	8.4	0.268	1.46	4.2	52	2.2
K270060		<0.002	4.81	91.3	7.7	1	8.4	67.1	0.43	1.47	9.2	0.182	2.42	4.0	55	3.9
G006281		0.020	1.63	158.0	6.7	4	351	701	0.43	0.15	4.5	0.219	3.50	1.0	77	19.7
K270061		<0.002	0.58	21.3	10.2	1	2.9	124.0	0.69	0.11	11.9	0.247	1.59	5.1	70	4.6
K270062		<0.002	3.39	83.0	9.7	1	9.5	133.5	0.60	0.35	11.3	0.207	2.64	8.7	60	5.1
K270064		0.002	0.38	22.6	10.9	1	1.9	198.0	0.63	0.15	11.4	0.231	1.49	3.6	71	3.1
K271912		<0.002	0.55	17.25	10.1	2	1.9	128.5	0.74	0.14	14.2	0.248	2.22	4.0	69	3.7
K271913		<0.002	3.62	232	8.2	2	5.7	145.0	0.57	0.16	11.2	0.197	2.59	5.2	56	4.6
K271914		<0.002	0.74	23.3	9.0	1	2.2	253	0.59	0.07	11.0	0.218	2.49	4.7	61	4.2
K271915		<0.002	3.74	170.0	8.2	1	8.6	134.5	0.54	0.12	10.5	0.198	2.73	4.0	56	6.0
K271917		<0.002	0.73	15.60	10.2	1	2.4	174.5	0.71	0.37	9.7	0.262	2.52	4.5	73	3.8
K271918		<0.002	1.33	20.8	10.5	1	2.6	122.5	0.70	0.22	11.7	0.241	2.35	4.8	66	3.1
K271919		<0.002	1.18	19.45	10.4	1	3.0	144.0	0.66	0.23	10.8	0.239	2.72	4.9	68	5.2
K271920		<0.002	0.24	22.6	7.0	1	1.3	317	0.74	<0.05	8.3	0.254	3.17	5.6	64	6.8
G006282		0.030	>10.0	256	2.2	197	109.5	35.3	0.09	0.72	1.0	0.039	31.7	3.8	56	1.7
K271935		<0.002	0.08	16.55	4.8	1	2.1	414	0.74	<0.05	8.3	0.284	1.12	3.6	48	2.1
K271936		<0.002	>10.0	679	4.0	8	14.7	41.4	0.25	1.43	5.9	0.103	1.43	2.5	30	3.1
K271938		<0.002	2.21	25.6	9.7	1	3.6	102.0	0.65	0.19	10.5	0.245	2.99	4.2	69	5.4
K271944		<0.002	0.68	11.10	10.3	1	2.4	245	0.69	0.09	12.0	0.248	1.79	4.4	70	2.0
K271945		0.002	5.98	183.0	6.0	1	5.1	72.6	0.38	0.33	6.9	0.149	2.09	5.4	43	4.4
K271946		<0.002	0.15	19.70	7.0	1	1.7	1170	0.75	<0.05	9.3	0.356	1.52	4.7	67	3.5
K271951		<0.002	1.78	23.4	9.8	1	2.5	108.5	0.71	0.19	10.8	0.237	2.85	4.9	67	4.1
K271952		<0.002	7.80	123.0	9.2	1	4.8	35.4	0.52	0.71	11.6	0.200	2.97	5.5	66	5.4
K271953		<0.002	1.33	11.80	9.8	1	2.8	142.5	0.63	0.46	11.9	0.239	2.38	4.4	67	2.8
K269519		<0.002	0.06	22.9	7.6	1	1.6	423	0.81	<0.05	8.4	0.293	1.50	4.7	72	2.3
K269520		<0.002	2.34	34.8	9.0	1	4.5	125.0	0.64	0.11	12.0	0.216	2.66	6.7	62	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K272372		14.6	228	37.3				
K270042		15.9	80	41.7				
K270043		11.2	>10000	33.1	192			1.080
K270045		7.7	114	169.0				
K270046		9.8	140	159.0				
K271159		0.4	17	<0.5				
K270047		15.8	225	37.7				
K270048		14.4	110	35.4				
K270049		10.9	3750	29.4				
K270051		10.9	71	29.0				
K270059		9.8	85	162.0				
K270060		7.8	3070	26.7				
G006281		9.6	7400	16.1	107			
K270061		12.4	378	35.4				
K270062		13.2	1330	31.5				
K270064		14.4	99	32.8				
K271912		16.0	116	35.8				
K271913		11.5	>10000	37.1			1.940	1.180
K271914		13.1	700	29.7				
K271915		10.5	5350	32.1				
K271917		13.0	362	34.0				
K271918		13.0	1200	31.6				
K271919		13.8	1720	42.1				
K271920		12.1	78	119.0				
G006282		5.9	>10000	16.4	167	1.315	1.565	9.67
K271935		8.4	242	135.5				
K271936		6.1	>10000	15.5	510		7.59	10.30
K271938		11.7	5910	30.0				
K271944		15.0	475	34.1				
K271945		7.0	3570	27.2				
K271946		11.8	152	190.5				
K271951		11.7	278	40.2				
K271952		9.1	4380	28.0				
K271953		13.9	75	30.7				
K269519		12.8	115	132.0				
K269520		11.5	2350	32.8				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12016888

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12016889

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016889

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269522		3.04	7.20	226	3210	1.44	0.28	2.73	3.74	50.9	7.5	6	19.95	23.4	2.71	15.35
K269523		0.33	7.90	28.1	2320	1.33	0.17	1.76	0.30	48.6	7.7	9	16.80	12.9	3.06	17.95
K269524		13.95	6.88	1430	1070	1.58	0.38	1.96	20.3	46.8	7.3	6	23.1	38.3	3.60	16.15
K269526		3.54	7.78	752	2280	1.87	0.30	1.71	4.28	67.5	6.8	14	15.10	20.8	2.67	20.8
K269527		5.60	7.86	679	830	2.01	0.37	2.25	7.54	53.4	8.7	8	30.6	26.5	2.93	19.55
K269528		64.7	6.00	9500	1650	1.37	5.91	1.51	51.2	40.1	11.5	7	19.95	244	5.37	15.25
K269529		44.9	6.92	7860	2060	1.45	0.36	2.06	32.0	55.7	8.7	14	18.60	59.6	4.06	18.15
K269530		0.44	7.58	57.6	1530	1.65	0.26	2.26	0.23	47.6	7.1	10	21.5	11.7	2.77	18.00
K269548		1.20	7.36	337	1490	1.47	0.20	2.82	5.61	48.3	5.3	8	22.4	7.4	2.98	17.00
K269549		7.91	6.32	3000	990	1.40	0.21	2.51	46.4	47.8	4.9	5	18.45	23.2	3.79	15.85
K269550		0.18	6.69	91.7	1750	1.31	0.21	3.24	0.25	44.0	7.7	8	16.70	7.7	2.67	16.45
K269650		0.26	7.61	19.3	1810	1.47	0.47	2.33	0.26	52.6	7.6	7	12.45	2.2	2.67	17.25
K269651		83.7	4.13	>10000	490	0.98	12.50	1.93	404	21.1	5.4	6	10.30	638	5.45	10.45
G006283		>100	7.70	54.7	1570	1.52	1.72	2.44	60.8	31.4	13.1	22	2.74	4610	3.92	22.8
K269653		1.61	6.99	205	1840	1.44	0.39	2.80	7.07	48.6	8.1	8	20.3	9.4	3.26	17.95
K269654		0.55	7.02	58.2	1630	1.51	0.36	2.74	1.74	35.9	7.1	7	18.80	5.3	3.16	17.60
K269655		0.47	7.22	16.7	1610	1.47	0.59	2.50	1.90	43.0	9.5	7	19.30	5.4	3.08	16.80
K269656		0.35	7.55	23.8	1160	1.59	0.58	1.95	0.98	44.7	8.8	7	17.35	4.7	3.15	17.95
K269657		28.6	6.00	>10000	1000	1.17	5.47	1.44	95.4	39.2	7.6	7	17.70	359	6.18	14.95
K269658		8.34	4.66	7260	920	1.14	1.73	3.95	52.7	30.1	4.3	7	10.90	90.0	4.01	11.20
K269659		1.67	6.44	161.0	1860	1.26	0.48	3.99	4.25	47.0	5.3	7	17.00	10.0	2.52	13.65
K269660		4.49	6.60	263	2010	1.23	1.02	3.05	21.1	48.3	5.6	8	14.80	27.4	3.33	14.55
K269661		0.54	6.97	94.3	1990	1.34	1.01	2.42	0.50	48.4	7.0	8	16.00	4.4	2.65	15.20
K269662		5.74	7.35	1010	3140	1.49	2.81	3.16	18.55	49.8	6.0	8	20.6	84.2	3.05	15.80
K271204		0.03	0.08	<5	20	0.05	0.03	21.4	0.08	1.62	1.5	<1	0.17	4.4	0.48	0.23
K269674		0.53	7.85	157.5	1440	2.09	0.59	3.24	1.47	49.6	6.9	11	33.7	11.8	2.86	18.60
K269675		6.40	7.27	289	3420	1.58	4.22	1.86	43.9	43.2	10.0	8	22.8	81.2	4.37	17.60
K269676		>100	1.89	>10000	1840	0.39	288	1.36	>1000	8.74	3.4	5	4.97	>10000	17.80	6.69
K269678		0.89	7.12	75.7	2350	2.03	0.44	3.04	4.70	62.5	5.6	15	17.85	15.1	2.57	18.20
G006284		>100	1.42	1145	270	0.23	59.7	1.85	517	12.70	27.2	33	0.78	>10000	18.15	17.50
K269679		2.01	7.67	104.0	1770	1.83	1.28	2.23	6.01	69.7	7.0	23	17.75	44.9	2.86	19.20
K269681		0.13	7.44	47.2	1590	1.76	0.16	2.16	0.32	67.8	6.3	21	21.7	10.7	2.54	18.35
K269682		0.77	7.49	204	1650	1.63	0.42	2.63	1.37	46.8	7.7	8	25.4	13.2	2.75	16.35
K269683		0.87	7.24	128.0	1340	1.55	0.57	2.08	1.45	54.8	6.9	9	22.7	9.8	2.53	16.55
K269684		47.8	6.45	1375	920	1.29	35.7	1.66	97.9	43.8	8.0	9	13.25	759	6.00	14.80
K269686		0.69	7.31	15.9	1570	1.49	1.38	2.24	1.02	54.4	7.1	9	12.25	4.1	3.34	16.95

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016889

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269522		<0.05	1.3	0.084	3.06	28.1	21.9	0.91	1160	2.39	0.10	7.9	2.7	510	293	148.5
K269523		0.06	1.3	0.052	3.23	24.9	40.3	0.70	1100	1.94	0.20	9.1	2.7	600	23.3	137.5
K269524		0.07	1.2	0.080	3.08	25.0	12.6	0.70	2690	2.90	0.05	8.2	2.5	500	2280	170.0
K269526		0.07	3.4	0.069	1.22	35.8	161.0	0.78	953	2.73	0.06	11.6	5.6	990	217	58.4
K269527		0.07	3.2	0.054	2.65	28.1	66.8	0.88	1550	3.29	0.07	10.8	5.6	720	425	115.0
K269528		0.10	1.3	0.387	2.17	21.0	29.9	0.63	2710	4.40	0.06	7.2	5.1	490	3810	127.0
K269529		0.10	2.7	0.155	1.68	28.3	60.4	0.80	2020	2.70	0.05	10.0	6.5	930	1925	94.5
K269530		0.06	1.3	0.069	3.08	23.7	36.4	0.70	1180	1.97	0.96	8.8	2.6	590	26.3	141.5
K269548		0.06	1.3	0.071	3.21	25.0	33.8	0.84	2880	1.91	0.54	8.8	2.8	570	161.5	142.0
K269549		0.08	1.1	0.071	2.62	26.9	29.7	0.82	6820	1.79	0.04	7.0	2.4	440	1065	146.5
K269550		0.07	1.3	0.055	2.75	22.2	51.3	0.86	866	1.92	0.65	8.8	2.9	530	21.6	102.0
K269650		0.08	1.3	0.073	3.23	27.4	68.9	0.89	866	0.65	0.06	8.3	2.3	540	16.8	155.5
K269651		0.08	0.8	7.71	1.70	9.6	26.6	0.75	1440	40.0	0.03	4.7	2.5	280	>10000	102.5
G006283		0.07	0.5	14.35	2.26	15.7	10.8	0.70	588	40.1	2.56	7.8	13.2	810	9520	72.3
K269653		0.15	1.0	0.145	2.94	26.3	60.5	0.98	1240	0.76	0.05	8.4	2.8	620	441	137.5
K269654		0.06	0.9	0.111	2.13	16.6	138.5	0.68	601	0.71	1.00	9.1	2.6	640	77.6	85.7
K269655		0.07	0.9	0.093	1.98	20.6	102.5	0.82	689	0.52	0.46	8.8	2.5	640	107.5	91.8
K269656		0.06	0.8	0.104	1.94	22.3	196.0	0.69	690	1.77	0.04	9.3	2.9	620	48.4	91.9
K269657		0.18	1.1	1.520	2.49	20.2	46.7	0.67	1290	24.5	0.02	6.7	2.5	440	6690	142.5
K269658		0.15	1.0	0.748	1.89	15.5	39.9	1.63	1260	20.8	0.02	5.2	2.2	300	1865	107.0
K269659		0.16	1.5	0.090	2.62	26.3	32.5	1.60	1200	3.55	0.03	7.5	1.8	420	196.5	139.0
K269660		0.18	1.4	0.397	2.83	27.2	43.0	1.16	1740	2.63	0.03	7.8	2.1	430	1440	152.0
K269661		0.17	1.5	0.068	2.82	26.7	36.7	0.95	818	2.70	0.03	8.3	2.3	480	36.3	136.0
K269662		0.17	1.4	0.166	2.88	27.0	18.1	1.18	944	3.32	0.04	8.4	2.5	500	1165	137.0
K271204		0.06	<0.1	0.005	0.03	0.7	0.9	13.00	212	0.10	0.01	0.2	2.3	190	3.8	1.5
K269674		0.19	3.7	0.066	2.96	25.1	38.6	1.20	794	1.74	0.05	10.5	4.6	770	50.9	128.0
K269675		0.18	1.3	1.505	3.04	21.1	14.4	0.88	1240	3.41	0.04	7.7	3.0	600	1150	192.5
K269676		0.35	0.4	26.7	0.77	3.1	7.5	0.43	2830	4.16	0.01	2.2	1.5	130	>10000	44.4
K269678		0.13	4.1	0.091	1.70	31.6	207	0.78	931	2.74	0.03	10.2	4.9	1160	165.5	63.6
G006284		1.07	0.6	6.95	0.43	7.0	6.3	0.87	388	39.4	0.02	1.8	56.5	390	>10000	15.8
K269679		0.18	4.4	0.131	2.15	35.4	324	0.97	631	0.92	0.04	11.3	7.8	1370	231	86.3
K269681		0.20	4.5	0.038	1.98	34.5	329	0.91	698	2.24	0.04	11.2	6.6	1310	13.5	80.3
K269682		0.17	1.2	0.057	2.69	24.3	112.5	1.03	796	2.94	0.05	7.7	2.7	580	80.2	130.0
K269683		0.18	1.2	0.050	2.81	30.1	84.7	0.79	635	1.14	0.04	8.2	2.4	570	78.3	161.0
K269684		0.20	1.1	2.99	2.80	22.9	29.0	0.68	1060	18.45	0.03	6.6	2.7	460	3590	179.0
K269686		0.19	1.2	0.098	3.46	29.1	34.5	0.98	950	1.57	0.04	6.9	2.3	520	59.0	202

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016889

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269522		0.002	0.48	22.3	9.4	<1	1.8	232	0.67	<0.05	13.0	0.214	2.07	4.4	60	3.5
K269523		<0.002	0.09	11.05	11.6	1	1.8	148.0	0.75	<0.05	13.6	0.250	2.07	2.9	71	3.4
K269524		<0.002	2.26	37.6	9.6	1	3.7	137.0	0.67	0.11	11.9	0.210	2.99	4.5	58	4.6
K269526		<0.002	0.40	41.6	6.0	1	2.0	341	0.76	<0.05	11.1	0.288	1.03	4.7	52	3.3
K269527		<0.002	0.85	31.0	9.0	1	3.6	283	0.76	0.06	11.0	0.284	2.16	6.4	73	3.6
K269528		<0.002	3.56	140.5	7.9	1	5.9	153.0	0.54	0.80	10.4	0.190	2.41	4.2	55	6.0
K269529		<0.002	1.88	96.5	8.4	1	5.6	241	0.68	0.08	9.4	0.277	1.78	5.0	63	4.9
K269530		<0.002	0.15	10.35	11.0	<1	2.1	249	0.69	<0.05	13.2	0.243	2.36	3.8	69	2.6
K269548		<0.002	0.77	15.85	10.8	1	2.8	220	0.74	<0.05	12.5	0.238	2.76	4.5	68	2.9
K269549		<0.002	2.11	38.6	8.8	1	4.2	141.0	0.56	<0.05	11.4	0.189	2.67	4.4	53	3.8
K269550		<0.002	0.24	9.22	10.2	1	2.5	267	0.70	0.06	10.7	0.225	1.79	3.8	68	1.2
K269650		<0.002	0.88	5.89	10.5	1	1.7	111.5	0.73	0.27	13.7	0.214	2.82	5.6	65	2.0
K269651		0.002	5.53	184.5	5.6	2	5.5	95.7	0.39	0.17	6.3	0.131	2.15	10.5	39	3.9
G006283		0.020	1.65	154.5	8.7	5	359	668	0.42	0.13	6.0	0.231	3.68	1.1	78	20.9
K269653		<0.002	1.45	12.80	12.4	1	2.6	139.5	0.68	0.07	11.8	0.268	3.15	6.4	73	5.9
K269654		<0.002	0.47	15.40	11.3	1	2.1	230	0.62	0.20	9.0	0.264	1.58	3.2	76	2.3
K269655		<0.002	1.30	16.35	11.8	1	2.0	169.5	0.63	0.39	10.6	0.252	1.85	5.1	67	2.9
K269656		<0.002	1.33	25.1	12.2	1	2.6	155.5	0.64	0.41	10.8	0.255	1.88	5.0	73	3.0
K269657		<0.002	4.21	131.5	8.4	2	7.7	57.3	0.47	0.30	8.2	0.208	2.45	4.0	49	6.0
K269658		<0.002	2.56	74.7	5.7	1	6.6	117.5	0.41	0.13	7.9	0.144	1.89	9.5	38	4.9
K269659		<0.002	1.03	11.35	7.8	1	1.7	141.5	0.70	0.19	16.6	0.184	2.45	7.0	47	3.8
K269660		<0.002	1.53	20.0	8.3	1	2.6	108.0	0.72	0.32	16.6	0.192	2.44	6.9	49	3.9
K269661		<0.002	1.24	7.88	9.1	1	2.0	137.0	0.79	0.72	18.4	0.204	2.14	7.5	55	3.0
K269662		<0.002	1.49	42.3	9.7	1	2.5	164.0	0.74	0.21	16.3	0.213	2.25	7.1	56	3.9
K271204		<0.002	0.01	0.13	0.3	2	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K269674		<0.002	0.36	21.9	8.0	1	1.7	314	0.75	<0.05	8.5	0.303	2.37	4.6	70	7.2
K269675		<0.002	3.55	21.9	10.2	2	8.5	153.5	0.57	0.27	10.7	0.252	2.87	4.9	67	5.9
K269676		<0.002	>10.0	580	2.3	10	21.4	56.5	0.15	0.63	2.0	0.061	1.17	1.2	16	2.4
K269678		<0.002	0.42	26.0	5.7	1	1.8	812	0.77	0.07	10.0	0.312	1.34	14.2	60	3.4
G006284		0.032	>10.0	275	2.4	227	115.0	44.1	0.10	0.80	1.0	0.044	33.2	3.7	58	1.8
K269679		<0.002	0.14	23.5	6.4	2	1.5	747	0.80	<0.05	9.2	0.357	1.25	4.0	67	3.6
K269681		<0.002	0.09	19.15	6.5	2	1.4	731	0.79	<0.05	9.3	0.342	1.24	4.4	64	4.1
K269682		<0.002	1.36	12.80	10.6	1	2.6	179.5	0.57	0.16	10.5	0.238	2.54	4.9	63	4.6
K269683		<0.002	1.20	9.07	11.2	1	1.9	163.5	0.65	0.31	13.5	0.241	2.66	5.8	64	4.0
K269684		<0.002	5.61	130.0	9.0	2	7.0	114.0	0.52	0.49	11.0	0.200	2.73	5.4	56	5.0
K269686		<0.002	2.34	8.29	10.7	1	2.9	93.7	0.60	0.71	13.0	0.208	2.92	4.9	64	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016889

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K269522		16.9	281	36.1				
K269523		16.7	61	34.8				
K269524		14.1	1440	32.2				
K269526		11.3	378	138.5				
K269527		15.5	601	126.0				
K269528		11.4	3750	42.1				
K269529		12.6	2190	110.5				
K269530		16.6	60	36.9				
K269548		15.8	424	33.5				
K269549		14.6	3020	30.4				
K269550		15.9	51	34.7				
K269650		14.9	65	37.0				
K269651		8.9	>10000	24.5			1.270	2.84
G006283		12.0	7380	14.9	110			
K269653		16.1	515	27.1				
K269654		14.6	159	29.0				
K269655		15.6	160	26.4				
K269656		16.1	110	24.9				
K269657		11.8	6620	30.5				
K269658		9.5	3680	31.9				
K269659		12.3	333	41.3				
K269660		13.0	1450	40.9				
K269661		13.3	75	42.9				
K269662		15.0	1310	40.2				
K271204		0.9	20	0.6				
K269674		14.0	161	129.0				
K269675		12.2	2940	38.3				
K269676		4.5	>10000	10.5	566	1.135	6.41	11.25
K269678		13.1	360	155.0				
G006284		7.2	>10000	17.8	161	1.260	1.425	9.37
K269679		13.2	440	169.0				
K269681		15.5	77	169.0				
K269682		13.6	116	32.1				
K269683		14.5	124	33.1				
K269684		12.8	7400	29.8				
K269686		13.7	112	29.9				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12016889

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026540

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269687		3.26	6.72	74.1	4750	1.37	4.93	2.58	4.96	47.3	11.4	7	18.30	16.8	6.28	16.95
K269688		0.50	7.64	21.1	1590	1.54	2.24	2.38	0.57	54.0	8.5	9	12.80	3.8	3.94	17.00
K269689		11.50	6.87	366	1260	1.37	2.76	1.54	55.1	48.0	7.1	10	12.30	65.2	4.66	16.55
K269690		7.25	6.88	761	1150	1.38	2.20	1.51	36.6	46.6	6.8	8	14.00	48.7	3.85	15.50
K269691		0.86	7.61	86.4	1440	1.74	0.84	2.07	1.79	47.2	6.9	10	18.45	8.1	2.84	16.65
K271240		0.02	0.11	7	30	<0.05	0.09	21.7	0.20	1.79	1.8	1	0.20	2.8	0.51	0.33
K269692		54.6	5.83	2990	6640	1.30	25.0	1.17	159.0	27.0	7.1	9	12.10	439	6.26	13.85
K269693		2.07	6.92	34.1	1800	1.35	1.43	2.47	6.08	43.6	7.4	8	6.22	10.6	4.23	16.20
K269717		0.24	7.72	44.7	3740	2.10	0.26	1.70	0.52	59.9	6.0	26	23.1	11.8	2.30	20.0
G006285		95.6	7.62	50.2	1540	1.30	1.46	2.38	54.5	32.7	13.1	22	2.47	4430	3.90	21.9
K269718		1.88	7.55	265	1000	1.83	0.18	2.82	5.17	50.0	7.2	12	20.3	15.0	2.84	17.40
K269719		34.7	6.54	7880	810	1.53	1.30	1.85	101.0	50.8	9.3	14	21.5	172.0	4.54	16.40
K269721		9.39	6.36	728	940	1.68	0.39	1.81	22.9	45.9	6.9	12	25.0	58.8	3.09	14.80
K269722		0.35	7.74	52.6	1880	1.63	0.67	2.00	0.52	48.5	8.1	11	14.65	42.2	2.92	16.85
G006286		>100	1.36	1080	240	0.25	56.2	1.75	492	11.75	27.4	32	0.72	>10000	17.15	16.80
K863014		2.10	7.06	47.5	1810	1.50	0.16	2.91	0.49	43.0	6.1	8	22.6	12.1	2.92	16.30
K863015		25.6	6.53	522	1550	1.76	3.41	2.34	45.7	51.0	8.6	7	21.7	178.5	3.61	15.25
K863017		0.67	7.39	150.0	1730	1.45	0.26	2.47	0.87	42.6	5.8	8	16.40	6.8	3.14	16.05
K863049		0.27	6.92	24.7	1640	1.74	0.08	2.74	0.72	52.4	4.7	13	21.6	6.0	2.35	18.50
K863050		59.0	4.64	8650	1850	1.40	21.3	0.57	244	33.4	34.6	8	16.70	677	7.05	11.45
K863052		1.27	7.58	79.1	1800	1.36	1.75	1.86	1.82	47.3	12.2	13	12.10	13.0	3.56	16.90
K863083		3.60	7.09	253	2300	1.48	0.30	2.89	36.6	58.3	8.0	8	18.75	22.2	3.25	15.35
K863084		>100	3.16	>10000	2110	0.85	26.1	0.85	507	19.15	5.4	9	5.51	836	6.87	9.86
K863086		1.99	7.36	226	770	1.50	0.18	2.28	9.74	52.9	6.5	7	20.0	11.9	2.77	18.05
K270254		1.89	7.00	130.0	2460	1.48	0.36	2.52	2.36	50.1	6.8	12	20.1	9.8	2.93	15.00
K270255		93.8	6.45	9230	1550	1.39	1.45	2.50	182.0	46.7	6.3	8	15.75	141.0	4.54	14.10
K270256		2.02	7.01	41.6	2070	1.41	0.70	2.66	10.20	44.1	10.6	9	16.70	12.0	3.26	17.40
K270289		0.35	7.54	52.8	1130	1.78	0.18	2.37	0.43	72.6	6.9	23	20.2	10.2	2.83	18.20
K270290		19.25	6.77	4410	1730	1.29	14.65	2.00	49.0	51.1	7.0	9	22.4	352	4.23	13.95
K270291		0.29	7.34	37.5	610	1.82	0.14	3.12	0.22	56.3	6.9	8	21.2	6.4	2.61	16.45
K270297		0.62	6.69	18.1	3370	1.09	1.32	2.84	1.34	37.9	7.9	12	7.57	4.2	3.80	13.05
K270298		61.9	5.87	1530	1120	0.98	29.9	0.86	20.4	35.6	12.5	9	6.20	5420	10.55	12.35
K270300		2.20	7.55	83.0	1730	1.22	1.68	1.98	11.00	51.9	8.3	11	12.70	31.4	5.38	15.95
K270322		0.67	7.45	42.9	1180	1.94	0.24	2.27	0.78	49.0	5.6	21	28.0	10.0	2.15	19.45
K270323		8.38	7.16	437	900	1.43	3.00	1.18	30.9	53.5	8.0	14	16.95	89.6	5.45	16.10
K270324		1.25	7.11	75.2	980	1.44	0.70	1.99	6.73	56.2	6.4	12	13.40	7.4	3.86	14.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269687		0.21	1.0	0.165	2.79	25.4	32.8	0.97	948	13.60	0.04	5.2	3.0	480	778	175.0
K269688		0.19	1.1	0.077	3.48	29.1	23.1	0.98	920	1.73	0.05	7.7	2.6	590	40.9	203
K269689		0.20	1.1	0.341	3.18	25.2	15.1	0.71	1750	2.15	0.03	6.0	2.6	510	4820	211
K269690		0.18	1.1	0.595	3.02	24.4	29.1	0.62	1860	3.45	0.03	5.9	2.5	500	1870	180.0
K269691		0.16	1.2	0.044	2.50	23.9	177.5	0.70	789	2.85	0.03	7.4	2.5	570	107.5	119.5
K271240		0.05	<0.1	0.013	0.04	0.8	1.5	13.10	236	0.10	0.01	0.2	1.7	230	6.0	1.8
K269692		0.19	1.1	4.03	2.37	11.0	71.4	0.52	812	8.03	0.03	5.2	3.5	390	8390	143.0
K269693		0.18	1.1	0.183	3.29	22.2	13.7	1.40	919	2.69	0.04	4.5	2.4	510	319	200
K269717		0.16	3.3	0.036	1.83	31.0	540	0.85	522	0.96	0.03	9.7	17.2	700	28.5	99.4
G006285		0.18	0.6	12.80	2.18	16.9	11.9	0.68	562	41.1	2.51	7.4	12.3	810	9180	70.6
K269718		0.17	1.4	0.099	1.93	26.1	387	1.02	1080	2.23	0.03	8.5	4.6	570	286	91.3
K269719		0.18	1.8	1.015	2.57	27.2	48.6	0.73	833	54.5	0.03	7.7	6.9	520	3380	154.0
K269721		0.15	1.3	0.201	2.47	25.2	60.0	0.65	1220	13.40	0.03	7.0	4.7	460	1310	138.0
K269722		0.18	1.4	0.051	2.79	24.5	160.0	0.67	625	1.92	0.52	8.7	2.4	570	36.6	116.0
G006286		1.06	0.6	6.47	0.41	6.4	6.4	0.83	369	37.5	0.02	1.7	55.5	380	>10000	15.0
K863014		0.17	1.5	0.071	3.52	21.1	17.5	0.81	1080	1.30	0.54	8.1	2.2	570	131.0	158.5
K863015		0.18	1.9	0.558	2.71	27.5	25.5	0.81	1220	2.29	0.03	7.9	3.2	530	3150	183.0
K863017		0.17	1.2	0.092	3.29	22.5	25.7	0.85	1240	1.57	0.07	7.8	2.5	550	42.1	181.5
K863049		0.09	2.9	0.028	2.50	25.1	60.9	0.65	504	0.67	0.12	9.4	4.2	910	39.3	72.8
K863050		0.10	1.3	3.24	1.62	16.4	31.8	0.31	1180	9.60	0.04	5.2	3.9	360	5030	108.5
K863052		0.09	0.9	0.096	3.03	23.6	23.6	0.68	941	2.24	0.09	8.0	3.3	590	82.1	139.0
K863083		0.11	1.1	0.192	2.92	32.3	22.9	0.90	2760	1.99	0.03	7.5	2.1	520	803	192.5
K863084		0.08	0.5	6.94	1.39	7.3	20.1	0.32	2750	108.0	0.02	3.1	2.6	210	>10000	106.5
K863086		0.13	1.1	0.072	3.17	27.4	44.3	0.70	1770	4.50	0.03	8.0	2.4	520	423	179.5
K270254		0.09	1.2	0.071	2.60	24.6	59.0	0.69	550	1.43	1.66	7.6	2.4	530	324	110.5
K270255		0.09	1.0	0.949	2.84	24.5	32.3	0.91	1620	1.31	0.20	6.2	2.0	460	>10000	151.5
K270256		0.15	1.5	0.118	3.10	20.4	40.5	0.77	819	1.14	0.89	8.6	2.4	560	338	138.0
K270289		0.12	4.0	0.042	2.31	35.6	355	1.03	611	1.95	0.05	11.0	7.3	1290	52.8	86.0
K270290		0.09	1.3	1.170	2.53	26.8	63.6	0.78	1040	10.00	0.06	6.6	2.7	520	3690	145.0
K270291		0.11	3.4	0.031	2.68	27.4	141.0	1.07	628	1.15	0.05	9.7	4.1	720	24.3	137.0
K270297		0.10	0.9	0.067	2.92	18.2	30.5	0.83	689	3.56	0.31	3.5	2.4	490	68.3	141.5
K270298		0.11	0.9	3.30	2.73	17.1	8.4	0.43	848	2.02	0.03	3.7	2.2	400	1080	168.0
K270300		0.11	1.1	0.173	3.32	26.2	41.0	0.80	1380	1.93	0.12	6.2	2.9	590	400	187.0
K270322		0.10	2.3	0.044	2.66	22.8	169.5	0.70	583	1.83	0.06	9.3	10.8	780	202	89.5
K270323		0.12	1.3	0.430	3.12	27.6	20.0	0.56	1280	5.28	0.04	7.4	5.2	560	2250	188.5
K270324		0.11	0.9	0.089	2.82	30.3	140.0	0.78	1520	9.12	0.04	6.9	2.2	510	257	188.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269687		<0.002	5.74	22.3	9.9	2	2.9	107.0	0.43	1.89	11.1	0.159	2.31	8.5	71	2.9
K269688		<0.002	3.00	5.72	11.0	2	4.0	80.9	0.59	1.11	12.9	0.240	2.76	5.8	66	2.0
K269689		<0.002	4.01	22.2	10.2	1	4.1	74.8	0.48	0.94	11.8	0.188	3.14	4.2	59	6.0
K269690		<0.002	3.37	31.5	9.8	1	3.2	93.5	0.46	0.62	11.5	0.194	2.95	5.5	57	5.6
K269691		<0.002	1.60	22.0	10.7	1	1.8	167.0	0.58	0.30	11.7	0.234	2.22	5.5	67	3.0
K271240		<0.002	0.02	0.16	0.4	1	<0.2	50.1	<0.05	0.06	<0.2	<0.005	0.02	0.6	3	0.1
K269692		<0.002	6.76	94.2	8.0	2	6.6	162.5	0.41	0.67	7.7	0.166	2.10	11.2	50	4.4
K269693		<0.002	4.01	7.21	10.1	2	2.6	87.5	0.38	0.41	11.7	0.151	2.51	5.0	58	3.2
K269717		<0.002	0.17	23.8	6.7	1	1.8	801	0.71	<0.05	10.7	0.270	1.59	4.5	51	4.9
G006285		0.023	1.62	152.0	7.7	4	399	677	0.41	0.13	5.1	0.227	3.49	1.1	75	20.3
K269718		<0.002	0.46	24.7	11.1	1	1.8	321	0.66	0.06	12.6	0.247	1.60	3.3	65	3.1
K269719		<0.002	3.27	124.5	9.2	2	6.3	211	0.59	0.12	12.0	0.215	2.20	10.2	55	3.7
K269721		<0.002	1.94	54.9	9.0	1	2.8	195.0	0.56	0.15	12.1	0.209	2.24	6.4	55	3.9
K269722		<0.002	0.53	19.10	11.0	1	1.7	231	0.71	0.43	13.5	0.247	1.50	3.8	64	2.8
G006286		0.032	>10.0	261	2.5	218	108.0	41.1	0.09	0.77	1.0	0.042	31.3	3.5	55	1.8
K863014		<0.002	0.33	9.18	10.5	1	1.8	182.0	0.64	0.05	10.6	0.240	2.71	4.5	64	3.0
K863015		<0.002	2.28	48.7	8.7	1	2.7	240	0.59	0.45	10.2	0.223	2.81	4.3	56	3.7
K863017		<0.002	0.46	12.70	10.6	1	1.7	114.5	0.59	0.07	12.3	0.236	2.53	3.6	64	2.6
K863049		<0.002	0.06	9.18	4.1	2	1.4	491	0.62	<0.05	8.0	0.286	1.02	2.7	45	1.3
K863050		<0.002	7.38	119.0	5.9	3	5.4	131.5	0.40	1.05	7.9	0.160	1.48	6.2	44	4.0
K863052		<0.002	1.47	13.55	10.5	2	2.5	106.5	0.58	0.39	12.3	0.264	1.99	4.0	74	2.5
K863083		<0.002	1.43	17.80	9.9	2	2.7	151.5	0.59	0.07	15.2	0.226	3.01	6.4	62	4.4
K863084		0.007	8.69	643	4.6	3	14.0	60.2	0.26	0.09	5.2	0.096	1.65	101.0	30	3.2
K863086		<0.002	1.08	20.6	11.0	1	2.4	151.0	0.67	<0.05	13.9	0.237	3.10	9.2	69	5.2
K270254		<0.002	0.32	6.40	9.5	2	1.6	329	0.60	0.07	13.7	0.236	1.26	4.0	62	1.8
K270255		<0.002	3.30	135.5	8.2	2	4.9	110.5	0.46	0.05	11.5	0.203	2.18	3.8	55	4.2
K270256		<0.002	0.89	8.05	10.0	1	2.5	230	0.76	0.31	12.0	0.241	1.98	4.4	68	2.4
K270289		<0.002	0.10	19.25	6.3	3	1.6	410	0.67	<0.05	9.1	0.346	1.55	3.5	65	2.2
K270290		0.005	2.60	79.3	8.5	2	3.0	159.0	0.51	0.11	13.4	0.211	2.26	4.8	59	3.7
K270291		<0.002	0.18	17.45	7.7	3	1.3	300	0.73	<0.05	9.7	0.284	2.26	5.7	67	6.6
K270297		0.005	3.19	2.62	8.3	2	2.8	357	0.27	0.12	10.0	0.134	1.97	3.5	60	2.4
K270298		<0.002	>10.0	40.0	7.3	2	9.8	57.9	0.31	0.68	10.1	0.129	2.28	3.0	49	6.8
K270300		<0.002	3.23	9.59	10.1	2	4.0	148.0	0.49	0.10	13.1	0.210	2.72	5.3	68	4.1
K270322		<0.002	0.20	15.65	5.4	2	1.8	473	0.62	<0.05	8.6	0.295	2.00	4.4	54	1.9
K270323		<0.002	4.24	34.8	8.7	2	4.9	116.0	0.55	0.19	14.4	0.231	3.06	5.6	60	4.8
K270324		0.003	1.82	15.95	9.9	3	2.7	127.5	0.54	0.14	14.0	0.215	2.45	4.8	61	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K269687		14.0	500	25.6				
K269688		15.1	85	27.6				
K269689		10.8	3610	30.4				
K269690		10.7	2570	31.7				
K269691		12.5	159	32.6				
K271240		1.0	28	0.5				
K269692		9.2	>10000	31.5				1.500
K269693		10.1	458	28.1				
K269717		13.0	98	115.5				
G006285		11.2	7120	15.5				
K269718		15.4	396	40.3				
K269719		12.2	6700	55.9				
K269721		12.1	1750	39.2				
K269722		15.0	72	38.7				
G006286		6.8	>10000	16.9	162	1.265	1.440	9.53
K863014		14.0	103	39.6				
K863015		13.3	3310	63.1				
K863017		14.4	105	33.1				
K863049		7.9	172	110.5				
K863050		9.5	>10000	44.9				2.72
K863052		14.7	186	27.6				
K863083		17.1	2190	31.2				
K863084		7.2	>10000	14.3	634		12.15	3.38
K863086		15.6	619	29.7				
K270254		15.5	197	34.9				
K270255		13.0	>10000	29.6			3.85	1.305
K270256		15.3	907	40.7				
K270289		12.0	87	170.0				
K270290		13.0	3270	42.4				
K270291		14.5	65	122.0				
K270297		9.8	123	27.3				
K270298		9.4	1370	24.2				
K270300		13.7	840	33.7				
K270322		11.2	101	83.9				
K270323		11.2	2070	39.5				
K270324		13.2	539	26.4				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026540

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026541

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K270336		0.38	7.27	18.9	1410	1.35	0.58	3.01	0.62	52.9	9.4	13	13.45	6.0	2.88	16.55
K270337		15.50	5.55	1615	2310	1.02	1.53	2.31	22.8	63.1	2.4	15	9.57	35.8	4.93	13.15
K270339		0.30	6.94	16.5	1070	1.34	0.64	3.25	0.71	33.8	10.9	12	8.85	3.2	3.08	14.55
K269782		0.68	6.80	20.6	2350	1.37	0.11	2.76	0.91	39.7	7.8	17	21.5	12.9	2.84	17.30
K269783		92.3	6.32	1400	220	1.33	27.0	1.89	9.08	42.8	9.0	16	15.85	2130	4.91	15.85
K269785		0.36	7.19	30.6	1850	1.36	0.12	2.46	0.34	44.2	7.5	18	16.50	14.0	2.83	17.30
K271271		0.03	0.07	<5	30	<0.05	0.02	21.3	0.09	1.26	1.3	1	0.19	2.1	0.47	0.42
K269813		1.71	7.87	71.5	2360	1.17	1.64	1.45	1.10	54.7	8.8	13	15.60	129.5	3.32	18.45
K269814		17.60	6.32	8980	170	1.08	10.45	0.79	76.1	39.8	8.9	15	10.70	248	6.28	15.70
K269815		1.71	7.05	94.1	1890	1.40	0.79	2.20	2.74	42.9	7.7	14	14.20	36.9	3.83	17.80
K269816		0.43	7.17	51.9	2150	1.50	0.35	2.73	0.64	42.4	7.8	14	12.90	14.3	3.15	17.65
K269818		0.25	7.93	16.0	2050	1.14	0.21	1.29	0.25	53.6	7.4	15	12.00	19.1	3.04	17.55
K269819		1.59	8.01	57.6	2160	1.37	1.16	1.22	6.23	56.1	6.7	11	17.85	22.0	2.88	18.50
K269820		12.35	6.28	6390	740	1.45	3.00	0.90	50.3	45.2	10.2	8	19.10	46.3	5.17	15.40
G006287		>100	1.41	1170	150	0.21	56.9	1.81	518	13.25	29.3	31	0.77	>10000	17.45	17.85
K269821		0.35	7.15	31.7	1570	1.69	0.27	1.23	0.98	74.0	6.4	16	21.4	24.4	2.35	19.90
K863103		0.40	7.14	10.1	1960	1.49	0.34	2.33	0.28	44.2	6.8	10	11.70	107.0	2.81	16.80
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		0.21	6.32	33.2	2730	1.71	0.53	1.69	0.14	48.8	9.7	6	22.9	57.6	3.06	15.45
K863144		3.40	6.88	367	590	1.47	0.26	1.65	16.25	49.3	12.2	12	19.70	15.7	3.18	15.80
K863145		18.95	5.51	2670	220	1.12	2.26	1.77	79.1	31.1	122.0	9	12.45	188.0	7.07	15.00
K863147		0.76	6.65	81.5	1900	1.46	0.41	2.61	0.92	35.4	10.4	15	18.95	20.8	3.13	16.70
K973006		0.32	7.27	45.4	2440	1.50	0.31	2.14	0.29	46.5	5.0	16	12.25	7.0	3.21	17.70
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		0.42	7.20	16.5	2330	1.52	0.23	2.44	0.13	43.8	5.0	15	14.50	4.6	2.92	16.55
K973010		2.19	7.03	87.8	1970	1.50	0.26	2.23	4.65	46.6	6.1	13	13.95	13.3	3.04	16.15
K973011		0.89	7.44	168.5	1470	1.92	0.26	1.29	1.54	63.4	4.7	30	33.2	16.4	1.95	20.3
G006288		>100	8.19	53.7	1670	1.38	1.94	2.48	61.4	37.1	13.1	20	2.68	4790	4.02	22.0
K973012		1.28	7.33	360	2870	1.63	0.26	2.15	1.14	47.9	4.1	12	20.8	29.4	3.26	17.60
K973013		32.4	6.39	7820	1000	1.36	0.46	1.45	37.2	38.8	4.9	13	13.20	47.4	5.33	17.60
K973014		0.25	7.31	24.4	1510	1.61	0.33	1.95	0.14	43.2	4.4	12	15.80	4.7	3.08	16.90
K973028		10.85	6.90	601	1690	1.56	0.35	2.41	10.50	40.6	4.2	8	18.30	25.3	3.15	16.05
K973029		>100	6.77	3620	1260	1.37	3.40	2.31	61.6	44.6	4.6	7	14.80	278	4.79	17.90
K973030		5.42	7.58	789	1360	1.76	0.68	1.94	21.1	46.9	6.4	11	17.25	124.0	3.53	18.30
K973031		34.1	6.47	4120	1030	1.35	0.50	1.32	91.3	44.7	4.8	6	16.60	118.5	3.99	17.40
K973032		0.13	0.10	9	20	0.09	0.05	21.2	0.30	1.19	2.0	<1	0.40	2.3	0.48	0.49

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K270336		0.22	1.1	0.049	3.13	28.6	66.2	0.90	975	1.71	0.09	8.0	2.6	590	33.6	192.0
K270337		0.21	0.7	0.221	2.59	36.7	18.8	0.78	3220	3.10	0.03	5.6	2.0	430	2910	173.0
K270339		0.21	1.0	0.087	3.08	15.9	10.9	0.85	1070	1.96	0.17	6.7	2.3	570	29.3	181.5
K269782		0.21	1.3	0.045	2.76	18.4	11.7	0.61	674	2.43	1.97	8.6	3.0	570	60.8	105.0
K269783		0.21	1.2	0.735	3.07	21.4	11.9	0.61	2970	3.84	0.08	7.6	3.1	490	952	162.0
K269785		0.23	1.5	0.048	2.80	21.3	20.4	0.67	858	2.06	1.48	8.6	2.7	570	30.7	113.5
K271271		0.26	<0.1	<0.005	0.03	0.6	0.9	12.85	214	0.05	0.01	0.3	1.4	150	3.2	1.7
K269813		0.27	1.3	0.147	3.09	28.6	29.8	0.56	1040	2.75	0.20	9.1	2.5	630	38.4	142.0
K269814		0.24	1.0	0.823	2.96	19.9	6.9	0.36	1880	9.11	0.03	6.9	2.5	490	2220	162.5
K269815		0.20	1.3	0.101	3.30	21.0	17.3	0.60	1760	2.09	0.57	8.6	2.8	580	186.5	137.0
K269816		0.22	1.3	0.104	2.75	20.2	9.7	0.76	640	2.41	2.19	9.2	2.6	610	58.5	103.5
K269818		0.23	1.4	0.052	2.87	27.9	37.1	0.68	483	1.74	0.33	9.3	2.5	640	24.8	123.0
K269819		0.24	1.5	0.060	3.18	29.9	42.3	0.52	1290	2.78	0.15	9.3	2.3	640	161.5	147.5
K269820		0.23	1.3	0.190	2.80	23.9	31.5	0.45	2610	3.12	0.06	7.1	3.2	490	1225	155.0
G006287		1.07	0.6	7.41	0.43	7.5	6.0	0.86	396	39.2	0.02	2.0	57.1	400	>10000	16.0
K269821		0.16	4.5	0.039	1.92	40.2	97.0	0.69	686	1.13	0.04	10.8	5.2	1060	43.7	84.0
K863103		0.21	1.3	0.072	2.87	22.5	9.7	0.69	495	2.31	2.25	8.4	2.4	550	23.9	115.0
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		0.21	0.9	0.095	2.16	26.6	70.9	0.66	667	0.37	0.06	6.0	2.3	420	16.0	127.5
K863144		0.24	1.2	0.119	3.33	27.3	18.9	0.59	2550	4.44	0.04	7.7	2.9	520	525	181.0
K863145		0.23	0.9	0.224	2.54	16.1	12.9	0.57	7800	2.80	0.03	5.8	3.4	440	2240	139.5
K863147		0.20	1.2	0.159	3.43	17.1	63.0	0.65	1720	2.34	0.55	7.9	3.3	580	56.1	142.0
K973006		0.25	1.2	0.087	3.20	22.5	23.5	0.73	937	2.14	1.25	8.8	2.3	590	27.9	124.0
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		0.26	1.2	0.064	2.89	22.2	13.7	0.71	734	1.75	2.06	8.1	2.5	560	15.5	114.0
K973010		0.26	1.2	0.093	3.24	24.0	25.1	0.70	1520	1.84	1.16	7.8	3.2	540	154.5	145.0
K973011		0.23	3.7	0.058	2.92	33.4	75.2	0.59	1080	1.72	0.06	9.8	12.6	690	99.3	133.0
G006288		0.17	0.6	15.20	2.32	17.3	10.9	0.71	608	41.0	2.64	7.6	12.9	860	9720	78.9
K973012		0.23	1.0	0.116	3.25	25.3	46.7	0.74	2240	4.55	0.06	9.2	2.6	600	46.1	138.5
K973013		0.24	0.9	0.163	2.87	21.0	16.9	0.54	6610	9.13	0.03	7.4	2.4	490	1970	161.0
K973014		0.25	1.0	0.123	3.07	22.3	37.6	0.65	979	1.63	1.30	8.6	2.2	560	13.3	126.5
K973028		0.23	1.0	0.116	3.48	20.3	124.0	0.79	2190	1.11	0.34	8.3	2.4	520	1570	133.0
K973029		0.25	0.9	0.217	2.65	23.8	225	0.82	4820	1.48	0.03	7.6	2.4	510	4740	158.0
K973030		0.24	1.2	0.151	3.39	23.9	308	0.74	1780	1.20	0.10	8.9	2.7	600	688	142.5
K973031		0.23	0.9	0.258	2.71	24.3	84.6	0.59	3670	25.5	0.02	7.0	2.2	470	4370	170.5
K973032		0.36	<0.1	0.005	0.04	0.6	2.3	12.85	213	0.14	<0.01	0.6	4.7	170	12.8	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K270336		0.006	1.48	8.55	11.8	2	3.0	166.5	0.64	0.24	14.0	0.234	2.51	4.4	71	2.0
K270337		0.002	4.33	48.9	8.8	1	5.2	111.5	0.44	0.15	9.8	0.169	2.53	4.2	52	3.5
K270339		0.002	1.88	3.48	10.2	2	2.7	129.0	0.49	0.21	12.2	0.200	2.76	3.8	68	1.3
K269782		<0.002	0.08	3.07	10.2	1	1.9	343	0.68	<0.05	11.2	0.246	1.33	3.6	69	2.2
K269783		<0.002	4.15	222	9.7	1	3.6	80.1	0.61	0.15	11.9	0.209	2.77	6.1	60	7.0
K269785		<0.002	0.14	6.15	10.7	1	1.9	275	0.71	<0.05	12.9	0.247	1.50	4.2	69	2.6
K271271		<0.002	0.01	0.12	0.3	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K269813		<0.002	0.42	23.6	12.5	1	2.5	116.0	0.72	0.32	15.7	0.264	1.63	3.2	75	12.0
K269814		<0.002	6.40	70.5	9.3	2	6.3	28.9	0.55	0.20	11.3	0.200	2.66	5.3	59	7.4
K269815		<0.002	0.92	10.45	10.9	1	3.4	169.0	0.66	0.09	11.9	0.244	2.15	4.0	70	12.0
K269816		0.002	0.14	2.94	11.9	1	2.3	368	0.71	0.05	11.8	0.266	1.27	3.5	78	3.5
K269818		<0.002	0.06	9.07	12.1	1	2.6	127.0	0.75	<0.05	15.5	0.267	1.32	4.0	72	4.7
K269819		0.002	0.36	19.15	12.7	1	2.9	117.5	0.77	0.07	17.0	0.266	1.86	9.9	74	6.5
K269820		<0.002	3.58	74.5	9.5	2	5.7	94.9	0.58	0.97	11.3	0.200	2.27	6.0	58	7.3
G006287		0.035	>10.0	266	2.8	236	111.5	41.7	0.10	0.86	1.2	0.042	34.2	4.3	59	1.8
K269821		<0.002	0.11	31.5	5.9	2	1.8	344	0.73	<0.05	11.7	0.305	0.94	4.9	52	2.6
K863103		<0.002	0.04	4.03	10.4	1	2.3	324	0.70	<0.05	12.8	0.236	1.37	3.7	67	2.8
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		<0.002	0.28	19.60	9.9	1	3.1	126.5	0.49	0.05	12.2	0.176	2.62	20.5	64	2.2
K863144		0.002	1.76	21.3	10.8	1	3.4	123.0	0.61	0.05	13.4	0.218	2.76	7.0	63	3.0
K863145		<0.002	7.20	68.6	8.8	2	6.8	76.9	0.46	0.93	8.2	0.176	2.36	3.8	62	5.7
K863147		<0.002	0.64	9.51	10.0	1	2.9	248	0.61	0.07	10.3	0.235	2.63	3.7	65	3.2
K973006		<0.002	0.18	6.23	11.7	1	2.6	211	0.70	<0.05	12.9	0.250	1.63	3.4	71	2.0
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		<0.002	0.03	3.45	11.1	1	2.3	357	0.63	<0.05	12.4	0.238	1.36	3.7	66	1.5
K973010		<0.002	0.41	8.76	10.7	1	2.3	244	0.60	0.05	12.2	0.225	1.86	3.6	62	1.8
K973011		0.002	0.42	18.90	8.4	1	2.5	465	0.80	<0.05	13.7	0.265	2.78	5.1	57	2.3
G006288		0.021	1.71	155.0	7.2	6	334	736	0.49	0.17	6.1	0.236	3.77	1.3	78	20.9
K973012		0.003	0.82	30.8	11.8	2	3.6	172.0	0.63	<0.05	12.0	0.250	3.11	24.6	72	5.1
K973013		0.002	4.05	88.4	10.2	2	5.8	76.1	0.54	0.07	10.2	0.216	2.63	6.1	60	3.7
K973014		<0.002	0.23	7.38	10.6	2	2.4	228	0.63	0.05	10.8	0.239	2.43	3.3	65	2.0
K973028		<0.002	0.65	33.2	9.6	2	2.7	187.0	0.61	0.08	9.8	0.225	2.59	3.6	62	2.3
K973029		0.002	3.25	270	10.3	2	6.4	165.0	0.54	0.08	10.8	0.221	2.46	3.8	61	3.5
K973030		<0.002	1.14	58.0	11.3	2	4.6	245	0.62	0.06	10.9	0.249	2.49	3.8	68	6.3
K973031		<0.002	3.00	136.5	9.7	2	7.6	116.0	0.51	0.05	10.9	0.208	2.70	5.7	57	6.0
K973032		0.002	0.02	0.61	0.4	1	<0.2	43.0	<0.05	0.05	<0.2	<0.005	0.03	0.5	3	0.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K270336		14.4	90	28.2				
K270337		11.2	1640	18.6				
K270339		12.0	73	26.9				
K269782		14.6	97	35.8				
K269783		12.7	899	32.6				
K269785		15.9	65	39.2				
K271271		0.8	19	<0.5				
K269813		17.5	112	34.0				
K269814		10.2	8760	25.0				
K269815		14.8	344	34.3				
K269816		16.5	111	33.9				
K269818		17.5	59	38.0				
K269819		18.0	720	38.8				
K269820		13.0	3360	36.1				
G006287		7.2	>10000	19.2	173	1.285	1.540	9.35
K269821		12.5	269	170.5				
K863103		15.4	87	35.1				
K863105		NSS	NSS	NSS				
K863106		16.5	82	26.3				
K863144		14.1	1380	32.0				
K863145		10.1	5500	24.2				
K863147		12.6	140	35.6				
K973006		15.0	78	32.9				
K973007		NSS	NSS	NSS				
K973009		15.1	59	32.1				
K973010		13.5	326	34.0				
K973011		12.9	158	132.0				
G006288		12.8	7570	17.9	103			
K973012		15.6	148	29.8				
K973013		11.2	2740	23.8				
K973014		14.2	59	27.1				
K973028		12.7	657	28.0				
K973029		12.0	4040	24.7	160			
K973030		13.6	1490	32.3				
K973031		10.0	5540	25.5				
K973032		0.8	22	<0.5				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026541

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026542

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973034		0.83	7.01	107.0	2190	1.81	0.37	2.35	1.94	51.5	7.3	5	26.7	18.0	3.93	16.25
K269922		0.35	7.71	18.6	1980	1.81	0.45	2.16	0.11	49.3	20.1	8	13.80	10.0	3.30	18.85
K269924		1.82	6.90	323	890	1.61	1.52	1.96	4.72	45.0	32.0	7	14.35	28.6	5.56	16.90
K272005		0.03	0.08	6	30	0.08	0.02	22.1	0.09	1.33	2.2	<1	0.15	1.5	0.44	0.50
K269925		1.20	7.90	165.0	1510	1.68	0.21	2.07	2.65	52.5	6.9	11	19.10	12.0	3.12	18.70
K269971		0.31	7.64	86.6	1540	1.63	0.48	2.58	0.19	46.2	6.6	7	17.55	7.2	3.07	17.90
K269972		>100	5.03	4980	690	1.30	0.57	4.87	22.9	33.0	6.3	5	13.85	154.0	3.69	12.00
K269974		1.44	7.57	378	1450	1.61	0.19	3.38	5.91	47.7	5.7	6	14.65	8.6	3.27	16.10
K269998		3.94	7.52	669	1720	1.57	0.27	2.41	17.30	48.6	6.1	9	13.90	14.5	3.24	16.80
K269999		17.65	6.78	1725	1940	1.57	0.34	3.02	9.08	41.4	5.4	7	11.65	26.8	2.96	14.60
K270000		0.42	7.31	19.6	1870	1.54	0.26	2.22	0.22	48.0	5.2	9	10.25	5.5	2.87	15.80
G006289		>100	7.67	54.6	1550	1.49	1.62	2.42	54.2	29.8	14.3	21	2.56	4900	3.94	23.1
K270401		3.94	7.38	109.5	820	1.70	1.70	1.86	3.43	67.5	9.3	6	17.95	155.5	3.74	17.15
K270402		5.35	7.19	613	1200	1.53	1.15	2.11	11.50	59.2	8.4	8	15.15	33.8	3.46	17.10
K270403		13.40	5.49	2620	700	1.45	1.47	2.73	46.8	39.1	5.6	7	18.25	159.0	3.26	13.45
K270405		13.05	7.24	2920	1210	1.70	9.56	1.82	24.7	51.6	6.3	6	17.65	455	4.12	17.20
K270406		0.71	7.13	68.3	1960	2.19	0.26	3.24	3.62	47.0	7.3	8	29.8	16.3	2.43	20.1
K270407		0.24	7.79	31.7	1440	2.17	0.29	1.83	0.56	65.0	6.1	14	22.0	10.0	2.54	21.9
K270408		2.98	7.51	170.5	2030	2.68	1.62	2.15	13.55	50.0	8.3	9	30.9	59.6	3.15	19.20
K270409		>100	4.76	>10000	140	1.13	85.5	1.17	>1000	24.3	6.4	8	10.90	4160	7.65	15.95
K270410		0.25	7.36	15.4	2120	1.67	0.30	2.57	1.00	40.8	7.2	13	13.40	6.5	2.88	17.95
K270411		0.61	7.52	34.9	2360	1.86	0.98	2.73	2.67	47.7	8.6	13	13.30	13.7	3.32	18.10
K270413		0.77	7.33	31.7	1190	1.74	1.18	2.95	2.79	41.0	13.2	9	11.10	8.8	3.98	18.35
K270414		>100	6.72	2860	410	1.36	4.00	0.83	181.5	44.1	6.6	10	9.95	1200	6.29	15.80
K270415		1.37	6.33	70.5	1530	1.61	0.54	2.55	3.79	35.7	4.8	8	11.90	10.1	2.79	17.25
K270423		1.95	7.34	229	1160	1.74	0.28	2.24	1.73	49.9	5.9	8	22.4	105.5	2.67	17.50
K270424		97.7	4.12	756	910	1.04	72.6	1.04	92.9	14.10	11.2	11	6.64	995	8.66	9.96
K270426		0.68	7.50	21.7	1710	1.79	0.85	3.06	0.76	45.6	7.1	8	13.40	10.6	3.17	17.80
K270427		0.46	7.53	21.1	1900	1.41	0.62	2.47	0.87	49.5	4.4	8	11.65	10.4	3.06	18.30
G006290		>100	1.37	1185	300	0.33	62.3	1.72	529	13.10	29.6	31	0.77	>10000	17.70	18.30
K270428		0.36	7.05	24.6	2180	1.46	0.36	2.30	0.55	46.7	4.9	8	10.95	41.8	3.00	16.40
K270429		0.95	7.06	83.4	1530	1.42	0.58	1.92	2.54	55.2	6.6	8	18.35	35.3	3.33	15.85
K270430		0.27	7.85	14.1	2550	1.31	0.40	2.03	0.30	48.7	7.5	11	10.60	80.9	3.27	17.25
K270432		38.5	6.62	4650	1650	1.11	5.33	2.45	49.0	50.0	5.0	7	14.40	705	5.68	14.35
K270433		0.12	6.74	11.2	2060	1.53	0.29	2.34	0.24	44.6	5.7	12	12.15	6.6	2.94	15.70
K270438		2.11	7.18	115.5	1400	1.44	0.93	2.00	4.30	54.1	5.7	7	13.40	8.5	3.43	15.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K973034		0.26	0.8	0.125	2.46	28.3	175.0	0.86	1380	4.96	0.11	7.5	2.6	520	76.7	119.0
K269922		0.23	1.4	0.194	3.67	25.6	16.5	0.75	1140	1.62	1.18	9.4	2.9	580	17.5	157.5
K269924		0.29	1.1	0.301	3.41	25.2	13.7	0.74	2480	1.33	0.16	7.7	2.6	490	263	184.5
K272005		0.40	<0.1	<0.005	0.03	0.6	1.1	13.40	191	0.08	0.01	0.6	4.9	200	2.8	1.4
K269925		0.28	1.5	0.081	3.66	26.9	39.3	0.60	1870	1.06	0.18	9.8	2.2	620	49.4	157.0
K269971		0.27	1.3	0.095	3.16	23.2	67.2	0.86	1750	1.02	0.49	8.8	2.4	590	18.9	125.0
K269972		0.18	0.9	0.103	2.12	18.4	40.1	0.68	2140	20.5	0.02	5.5	2.2	360	830	121.0
K269974		0.14	1.3	0.102	2.33	24.6	114.0	1.19	2520	2.42	0.03	7.1	1.7	590	149.0	110.0
K269998		0.17	1.1	0.118	3.37	24.4	49.9	0.85	1950	1.43	0.29	7.1	1.9	580	477	135.5
K269999		0.14	1.0	0.205	2.95	21.4	31.0	0.92	4240	4.80	0.04	6.1	2.0	490	332	137.5
K270000		0.16	1.5	0.125	3.03	23.5	24.0	0.70	1330	1.60	1.41	7.9	2.0	560	15.8	129.0
G006289		0.26	0.6	13.85	2.30	15.3	12.4	0.69	585	42.6	2.61	8.4	12.7	830	9750	65.3
K270401		0.27	1.1	0.222	2.80	39.8	40.0	0.70	1210	7.07	0.05	7.9	2.3	530	222	163.5
K270402		0.25	1.2	0.365	3.03	33.3	39.0	0.81	1480	5.17	0.04	7.9	2.7	530	1180	171.5
K270403		0.21	0.9	0.885	2.03	21.8	63.1	1.02	1840	15.05	0.02	6.2	2.3	390	3670	110.0
K270405		0.24	1.2	0.455	2.32	27.9	111.5	0.67	1220	2.89	0.03	8.2	2.3	540	1110	134.5
K270406		0.29	2.9	0.083	2.62	23.9	46.6	0.93	801	2.66	0.04	11.0	4.3	710	118.0	113.5
K270407		0.30	3.6	0.036	2.30	33.5	87.5	0.74	563	1.17	0.04	12.3	5.2	1060	34.7	76.1
K270408		0.27	2.2	0.261	2.36	26.0	39.2	0.79	965	2.68	0.06	10.0	4.4	630	484	92.4
K270409		0.31	0.9	27.7	2.24	11.5	19.4	0.47	1500	22.4	0.02	6.1	2.5	450	>10000	100.5
K270410		0.22	1.1	0.080	2.59	20.1	24.8	0.74	563	4.46	2.09	9.4	2.6	620	36.6	89.6
K270411		0.28	1.1	0.209	2.15	24.6	28.3	0.83	694	0.76	2.41	9.5	2.9	600	86.8	81.9
K270413		0.26	1.1	0.100	2.56	19.2	43.1	0.67	1500	3.37	1.45	9.6	2.9	590	157.5	99.5
K270414		0.28	0.9	3.38	3.02	23.7	9.4	0.42	1060	6.70	0.03	7.5	2.5	490	>10000	163.5
K270415		0.23	1.1	0.104	3.02	16.8	28.0	0.53	1140	0.67	0.69	9.2	2.2	560	314	96.0
K270423		0.24	1.4	0.114	2.66	26.1	163.5	0.75	1620	3.84	0.04	8.9	2.4	530	112.0	117.5
K270424		0.24	0.6	2.42	1.89	7.1	26.9	0.47	1100	14.55	0.02	3.6	1.8	290	9420	122.0
K270426		0.23	1.0	0.081	3.32	22.8	43.7	0.86	998	1.89	0.31	8.1	2.6	580	54.9	131.0
K270427		0.16	1.4	0.128	2.55	25.0	31.2	0.65	654	0.93	1.40	8.8	2.7	620	49.2	98.6
G006290		0.95	0.6	7.24	0.43	7.4	8.0	0.85	394	38.9	0.02	1.7	64.1	400	>10000	16.5
K270428		0.15	1.3	0.090	2.81	23.2	16.8	0.75	615	1.78	1.95	8.2	2.6	620	37.6	99.0
K270429		0.18	1.2	0.111	2.95	30.5	89.4	0.70	1680	7.33	0.21	7.4	2.4	570	139.5	159.5
K270430		0.16	1.3	0.061	3.14	24.5	42.6	0.79	558	2.53	0.73	8.0	2.5	630	41.7	114.5
K270432		0.20	1.2	0.582	2.90	26.0	35.6	0.61	1560	2.56	0.06	7.2	2.1	510	6340	146.0
K270433		0.15	1.4	0.060	2.66	22.2	12.7	0.68	551	1.39	1.87	8.2	2.9	570	24.5	103.0
K270438		0.18	1.2	0.071	3.30	28.8	13.5	0.82	2640	6.28	0.04	7.4	2.2	560	159.0	184.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K973034		<0.002	1.29	29.6	10.4	2	2.0	168.5	0.54	0.06	11.4	0.207	2.66	6.9	59	2.8
K269922		<0.002	0.28	6.50	12.4	2	2.4	197.0	0.72	0.06	12.6	0.245	2.39	4.8	66	8.0
K269924		<0.002	3.01	15.80	10.0	2	2.9	96.7	0.59	0.38	11.7	0.216	2.90	5.7	59	20.6
K272005		<0.002	0.01	0.12	0.4	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6	3	0.1
K269925		<0.002	0.80	17.05	12.2	2	2.3	150.5	0.76	<0.05	13.1	0.254	2.53	5.4	70	10.0
K269971		0.002	0.50	16.50	11.2	2	2.1	198.5	0.69	0.25	11.6	0.237	2.38	5.2	65	2.2
K269972		0.002	2.77	216	7.6	2	7.1	246	0.40	0.08	7.6	0.168	2.01	15.7	49	3.5
K269974		<0.002	0.59	19.15	10.8	2	2.4	417	0.63	<0.05	11.4	0.244	2.06	10.6	71	5.0
K269998		<0.002	0.74	20.3	11.2	2	3.9	176.0	0.62	<0.05	12.5	0.232	2.29	4.3	67	2.3
K269999		0.002	1.38	51.1	9.5	1	4.5	134.0	0.52	<0.05	10.7	0.206	2.36	4.4	57	2.1
K270000		<0.002	0.32	8.28	11.0	2	2.5	198.5	0.78	<0.05	14.4	0.234	1.92	4.9	63	2.1
G006289		0.019	1.68	162.0	8.1	5	357	695	0.42	0.15	4.2	0.228	3.50	1.0	76	19.0
K270401		0.002	2.62	69.7	10.8	2	4.7	55.7	0.58	0.40	12.4	0.225	2.59	8.0	60	4.2
K270402		<0.002	2.07	29.7	11.0	2	3.1	72.7	0.58	0.20	12.0	0.222	3.04	5.9	62	3.5
K270403		<0.002	1.97	118.0	8.5	2	3.3	172.0	0.46	0.05	9.0	0.178	2.29	6.0	49	5.8
K270405		<0.002	2.30	65.9	11.2	2	3.9	152.5	0.63	0.16	11.6	0.227	2.38	4.2	63	5.3
K270406		<0.002	0.39	19.25	8.7	2	1.6	472	0.74	0.05	8.2	0.271	2.95	8.4	67	7.2
K270407		0.003	0.07	13.90	6.5	2	1.6	874	0.75	0.06	8.9	0.310	1.20	3.4	53	2.5
K270408		<0.002	1.12	38.1	10.0	2	2.2	278	0.67	0.23	9.7	0.274	2.15	5.5	67	4.7
K270409		0.002	10.00	214	6.9	8	18.3	122.0	0.44	0.30	6.0	0.186	2.13	3.9	51	5.4
K270410		0.002	0.25	3.74	12.2	2	2.0	361	0.69	0.10	10.4	0.263	1.19	3.4	73	1.2
K270411		<0.002	0.76	4.31	12.6	2	2.1	398	0.72	0.31	12.5	0.255	1.03	4.3	72	1.5
K270413		<0.002	2.20	5.39	11.9	2	2.5	201	0.77	0.67	11.2	0.255	1.82	3.8	69	2.3
K270414		0.003	7.06	244	9.2	3	9.5	39.6	0.56	0.30	9.8	0.219	2.63	3.5	59	3.4
K270415		<0.002	1.07	7.59	10.5	2	2.4	161.0	0.73	0.23	9.7	0.247	2.18	3.9	66	2.2
K270423		<0.002	1.01	51.5	11.1	2	2.0	114.5	0.73	0.11	13.5	0.231	2.88	5.0	65	4.2
K270424		<0.002	9.71	211	5.9	2	6.7	46.9	0.27	1.66	5.2	0.120	1.67	2.7	38	3.7
K270426		<0.002	1.78	8.00	11.7	2	2.4	145.0	0.60	0.31	10.6	0.234	2.38	3.6	67	2.5
K270427		0.002	0.81	8.56	11.3	2	2.7	174.5	0.75	0.20	12.1	0.262	1.58	4.6	69	2.4
G006290		0.035	>10.0	278	3.2	234	115.5	42.3	0.10	0.81	1.1	0.043	35.3	4.0	60	1.9
K270428		<0.002	0.27	9.73	9.7	2	2.2	284	0.69	0.13	12.2	0.247	1.46	4.3	70	1.7
K270429		<0.002	1.58	30.8	10.1	2	2.5	115.0	0.61	0.27	13.8	0.238	2.52	6.0	65	2.8
K270430		0.002	0.48	13.80	10.8	2	1.9	183.5	0.62	0.40	12.4	0.257	1.54	2.8	73	4.0
K270432		0.002	4.77	113.5	9.3	2	4.0	99.8	0.67	0.17	12.3	0.214	2.37	5.8	58	3.1
K270433		<0.002	0.49	3.19	9.6	1	1.8	293	0.76	0.12	11.9	0.229	1.43	4.3	64	1.1
K270438		<0.002	2.66	16.15	10.2	1	2.4	49.4	0.66	0.29	12.7	0.226	3.04	4.4	65	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K973034		13.5	162	23.5				
K269922		15.8	56	36.3				
K269924		13.2	542	29.5				
K272005		0.9	17	1.2				
K269925		16.9	236	40.2				
K269971		14.3	55	34.7				
K269972		10.1	1940	25.5	107			
K269974		13.3	466	35.1				
K269998		12.4	1170	28.4				
K269999		12.0	979	25.4				
K270000		13.6	59	35.5				
G006289		11.3	7630	15.7	111			
K270401		13.1	316	31.9				
K270402		13.5	1040	32.0				
K270403		10.1	3310	25.6				
K270405		14.0	1930	32.8				
K270406		13.9	321	110.5				
K270407		10.3	124	139.5				
K270408		13.8	1010	80.9				
K270409		8.1	>10000	29.5	181		2.81	7.43
K270410		16.3	120	32.2				
K270411		18.0	239	29.8				
K270413		15.4	378	32.4				
K270414		10.6	>10000	27.5	155		3.06	1.885
K270415		13.1	450	29.1				
K270423		13.9	176	38.6				
K270424		6.1	8690	17.1				
K270426		13.5	99	29.8				
K270427		16.0	106	37.6				
G006290		7.6	>10000	19.0	160	1.230	1.510	9.21
K270428		15.0	134	39.9				
K270429		14.3	223	33.0				
K270430		15.1	66	36.1				
K270432		16.5	3600	30.9				
K270433		15.0	55	36.3				
K270438		12.0	326	33.4				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026542

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026543

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K270439		17.55	7.44	3250	1650	1.44	3.05	1.15	45.9	50.1	6.2	10	13.10	52.4	4.06	16.40
K270440		0.21	7.37	30.7	2000	1.70	0.34	2.69	0.70	41.5	6.7	12	10.05	6.1	2.98	16.45
K973110		0.39	7.06	56.9	2190	1.63	0.17	2.84	0.69	41.7	7.0	9	23.7	27.1	3.04	16.40
K973111		66.1	6.23	4470	840	1.43	41.4	1.45	333	48.7	5.1	7	27.9	1040	4.26	13.70
K973112		0.52	7.18	75.8	1450	1.55	0.21	2.43	1.71	38.5	8.0	8	23.6	11.4	2.74	16.75
K973113		18.05	7.28	3460	1630	1.82	3.58	1.88	8.50	43.9	6.6	8	21.3	62.9	3.29	16.65
G006291		>100	1.42	1160	290	0.29	65.9	1.75	518	13.30	27.1	31	0.86	>10000	17.15	15.95
K973115		0.10	6.72	18.0	2060	1.39	0.15	2.78	0.44	40.5	6.0	11	20.1	6.9	2.93	16.45
K973120		0.75	6.98	35.9	1810	1.52	0.46	1.94	3.93	38.5	6.2	8	18.40	31.3	3.75	16.60
K973121		6.76	5.65	>10000	1150	1.29	1.88	2.09	40.4	47.1	7.4	6	21.5	104.0	5.02	13.50
K973123		0.10	6.93	15.5	2190	1.70	0.20	2.50	0.17	40.4	7.0	8	37.5	16.7	3.34	16.80
K973155		0.08	7.76	89.4	2390	1.90	0.16	2.01	0.43	71.5	7.7	24	20.9	10.9	3.12	19.70
K973156		31.1	5.70	2850	1070	1.34	5.88	1.10	96.3	44.4	8.9	10	16.90	187.5	4.86	12.90
K973157		0.43	7.41	39.7	1400	1.47	0.70	1.48	0.54	47.2	7.7	9	25.5	21.4	2.68	15.85
K973158		0.23	7.02	64.8	870	1.94	0.56	2.14	0.39	56.4	6.0	24	30.6	10.9	2.49	19.15
K973159		45.9	5.42	1995	1750	1.08	6.56	0.42	209	39.0	12.1	8	13.40	137.5	6.28	12.40
K973160		1.80	7.28	71.9	710	1.33	1.37	1.49	7.32	54.8	7.7	10	18.50	5.9	3.98	14.75
K973161		10.60	7.42	795	170	1.42	1.42	0.70	36.1	41.1	12.0	11	16.70	37.2	6.50	19.35
K272040		0.02	0.10	<5	20	0.09	0.03	21.4	0.07	1.64	1.2	<1	0.29	3.9	0.43	0.37
K973162		0.44	7.46	12.1	1490	1.54	1.38	2.21	0.64	50.0	7.4	10	11.85	5.9	3.23	16.90
K973164		0.45	7.66	21.7	1280	1.52	1.10	2.03	2.81	46.4	8.9	9	13.45	12.2	3.49	17.50
K973165		7.27	7.01	337	280	1.55	3.23	1.43	25.4	56.5	9.3	7	23.4	57.3	6.79	16.70
K973166		1.02	7.14	33.7	1010	1.57	1.13	2.58	1.91	47.1	9.9	8	21.4	19.6	3.95	16.30
K973167		0.41	6.76	15.6	500	1.46	1.47	2.48	0.71	42.4	9.3	8	23.9	7.2	3.25	17.05
K973168		0.72	6.52	30.2	1230	1.14	1.55	1.51	0.30	84.6	17.1	9	8.34	3.5	5.22	19.45
G006292		>100	7.66	55.3	1600	1.26	1.52	2.46	60.2	31.3	13.3	23	2.63	4680	4.09	20.6
K973169		22.5	7.14	475	190	1.62	15.30	1.58	27.9	99.4	21.4	7	50.8	680	7.91	20.8
K973171		2.09	6.24	336	830	1.13	2.24	1.77	3.09	67.1	7.1	9	12.80	29.8	3.41	14.00
K973172		3.06	7.12	165.0	730	1.34	1.39	2.10	18.65	41.8	6.8	7	18.25	37.2	3.75	15.05
K973173		2.32	7.35	104.0	1160	1.39	1.20	2.32	5.39	40.8	6.5	8	17.35	25.6	3.40	15.40
K973174		3.47	7.59	115.5	1070	1.39	0.88	1.89	6.77	56.3	5.9	8	19.75	36.3	3.22	15.75
K973175		14.10	7.21	306	680	1.51	12.75	1.49	20.7	50.0	7.6	9	20.0	598	4.71	15.15
K973176		13.80	7.37	386	690	1.38	15.30	1.71	28.6	55.0	6.8	8	15.30	211	4.53	15.15
K973178		0.23	7.42	12.5	2170	1.43	0.70	2.16	0.70	48.3	6.6	10	17.00	12.1	3.24	16.25
K973179		0.24	7.50	11.4	1870	1.25	0.49	2.64	0.74	51.1	6.3	8	13.15	17.2	3.37	16.40
K973180		0.48	7.09	15.3	1780	1.53	0.35	2.74	0.23	47.2	6.9	9	16.15	9.4	2.94	15.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K270439		0.12	1.3	0.133	3.28	25.5	21.9	0.47	1470	8.94	0.08	7.9	2.2	540	2470	194.0
K270440		0.12	1.5	0.052	3.02	20.2	8.2	0.64	629	0.69	1.87	8.8	2.3	550	26.0	127.5
K973110		0.12	1.3	0.064	3.05	20.2	69.3	0.79	1420	1.34	0.13	8.8	2.3	570	39.0	121.5
K973111		0.11	1.0	5.32	2.48	26.9	42.5	0.62	1540	28.8	0.04	6.4	2.0	480	>10000	141.5
K973112		0.11	1.2	0.067	2.76	18.4	93.0	0.69	1080	2.27	0.05	8.3	2.3	610	79.7	99.2
K973113		0.09	1.2	0.135	2.32	21.5	178.5	0.64	1620	5.02	0.04	8.2	2.2	590	3200	102.0
G006291		1.01	0.6	7.45	0.41	7.7	8.0	0.83	386	40.0	0.02	1.6	53.1	400	>10000	15.6
K973115		0.13	1.1	0.049	2.78	20.5	76.4	0.62	658	2.44	1.20	8.4	2.3	580	29.1	99.4
K973120		0.14	1.2	0.146	3.03	19.6	97.5	0.63	982	1.65	0.16	8.2	2.1	560	180.0	129.5
K973121		0.18	0.9	0.319	2.27	27.3	40.2	0.75	1740	11.85	0.03	6.8	2.6	470	1615	131.0
K973123		0.13	1.2	0.051	2.94	20.5	59.2	0.51	469	0.83	1.30	8.4	2.2	590	24.6	120.0
K973155		0.18	4.1	0.038	2.44	37.7	93.8	1.09	793	0.99	0.03	11.8	7.9	1370	21.1	85.7
K973156		0.17	1.6	1.265	2.17	20.8	52.4	0.51	1760	12.40	0.04	7.1	4.2	580	1910	142.5
K973157		0.11	1.2	0.097	2.08	21.7	114.5	0.55	995	20.1	0.04	9.2	2.5	580	34.4	90.0
K973158		0.15	4.4	0.053	2.33	24.0	152.0	0.72	783	1.91	0.04	13.1	6.7	1260	27.0	64.8
K973159		0.19	1.0	2.63	2.41	18.1	20.7	0.35	571	17.50	0.03	3.6	2.8	390	>10000	159.0
K973160		0.15	1.0	0.127	3.38	26.7	37.7	0.71	1640	1.75	0.04	4.8	2.3	570	398	214
K973161		0.20	1.1	0.211	3.52	17.9	13.2	0.52	640	9.90	0.04	5.6	3.2	520	3310	215
K272040		<0.05	<0.1	0.005	0.05	0.8	1.4	13.00	185	0.12	0.01	0.4	1.1	210	1.7	2.3
K973162		0.13	1.2	0.088	2.63	22.9	81.0	0.78	777	0.50	0.05	7.3	2.0	610	34.7	135.5
K973164		0.14	1.2	0.154	1.96	20.7	53.1	0.59	684	3.42	0.12	9.5	2.4	640	116.5	86.4
K973165		0.22	1.0	0.599	3.10	26.1	18.4	0.59	1150	16.95	0.03	8.9	2.2	580	1655	186.0
K973166		0.15	1.1	0.138	2.78	21.3	66.0	0.67	979	1.02	0.16	7.7	2.9	570	208	126.5
K973167		0.13	1.1	0.142	2.30	18.8	144.5	0.61	730	0.63	0.05	7.5	2.4	590	51.1	92.8
K973168		0.19	1.0	0.178	3.03	41.4	27.6	0.66	956	0.91	0.05	7.9	2.2	600	33.1	199.0
G006292		0.15	0.6	13.90	2.32	14.1	11.7	0.69	608	44.4	2.63	7.9	11.9	830	9520	66.4
K973169		0.23	0.9	1.350	3.19	52.6	19.1	0.65	1140	11.30	0.04	6.7	2.5	510	1190	201
K973171		0.15	1.0	0.194	2.82	34.5	19.1	0.73	1020	3.23	0.04	6.3	2.1	430	326	177.0
K973172		0.16	1.0	0.277	3.09	19.9	15.7	0.80	2180	5.31	0.03	7.6	2.2	540	992	202
K973173		0.16	1.1	0.159	3.02	18.8	136.5	0.83	1160	1.71	0.04	7.9	2.3	550	416	168.0
K973174		0.16	1.0	0.147	3.24	27.3	37.3	0.72	1390	1.84	0.03	7.6	2.3	550	482	198.0
K973175		0.19	1.0	0.673	3.12	24.8	56.7	0.56	1090	1.40	0.03	7.8	2.2	530	392	192.5
K973176		0.18	1.1	0.902	3.12	27.7	39.0	0.67	1420	0.80	0.04	8.1	2.2	550	929	183.0
K973178		0.15	1.2	0.078	2.74	21.9	34.8	0.67	587	0.78	1.37	9.5	2.4	610	27.6	108.5
K973179		0.16	1.2	0.087	2.77	23.0	36.2	0.71	587	0.66	0.65	9.4	2.3	620	64.9	97.2
K973180		0.15	1.2	0.074	2.69	21.2	59.2	0.78	770	0.85	1.44	9.1	2.2	560	22.4	95.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K270439		<0.002	3.66	46.3	10.2	1	4.8	66.4	0.72	1.49	12.8	0.223	2.96	5.4	63	4.4
K270440		<0.002	0.85	2.33	9.8	1	2.2	306	0.86	0.15	11.4	0.229	1.60	5.1	66	0.9
K973110		<0.002	0.40	17.40	9.8	1	2.4	134.5	0.70	<0.05	10.8	0.236	2.75	5.3	68	3.3
K973111		0.002	3.01	360	8.1	2	8.1	139.0	0.53	0.07	11.6	0.196	2.66	12.1	54	4.3
K973112		<0.002	0.36	17.30	9.8	1	2.5	143.0	0.65	0.05	10.1	0.248	2.59	6.5	69	3.9
K973113		<0.002	1.33	50.4	10.5	1	3.3	147.5	0.65	<0.05	11.4	0.238	2.29	3.8	65	4.9
G006291		0.035	>10.0	270	2.6	219	122.5	39.0	0.09	0.86	1.2	0.041	35.0	4.4	59	1.9
K973115		<0.002	0.10	8.76	10.1	1	2.0	284	0.68	0.09	10.8	0.250	1.58	4.1	67	2.3
K973120		<0.002	0.28	16.40	10.5	<1	2.7	133.5	0.70	0.08	12.0	0.245	2.09	4.4	68	3.9
K973121		<0.002	2.87	96.1	10.5	1	3.5	81.1	0.52	0.09	11.3	0.213	2.45	9.6	65	6.7
K973123		<0.002	0.07	7.12	10.4	1	1.7	282	0.70	0.08	11.3	0.255	1.50	3.7	68	1.5
K973155		<0.002	0.10	13.80	7.5	<1	1.8	890	0.76	0.06	9.4	0.359	1.50	3.9	69	1.9
K973156		<0.002	4.41	82.6	6.4	2	5.9	378	0.50	0.33	9.5	0.197	2.12	4.5	48	3.6
K973157		0.003	0.50	15.15	9.5	1	3.5	167.0	0.74	0.24	13.3	0.255	1.89	4.5	68	4.5
K973158		<0.002	0.09	22.9	6.1	1	2.2	1300	0.81	0.65	8.0	0.356	1.58	7.7	67	3.9
K973159		<0.002	6.92	73.1	6.4	2	5.7	65.9	0.30	0.84	9.7	0.122	2.51	2.8	48	5.2
K973160		<0.002	3.21	7.95	9.7	1	2.5	53.2	0.42	0.61	14.6	0.178	3.17	3.2	56	4.4
K973161		<0.002	6.54	30.9	8.6	1	9.3	34.8	0.45	0.81	12.2	0.172	3.22	3.1	86	5.9
K272040		<0.002	0.01	0.08	0.5	<1	<0.2	47.6	<0.05	0.06	0.2	<0.005	<0.02	0.6	3	0.1
K973162		<0.002	1.74	10.50	10.0	1	2.2	128.5	0.61	0.70	13.2	0.224	2.39	3.8	67	2.7
K973164		<0.002	1.71	13.60	10.7	1	2.5	115.0	0.80	0.41	13.2	0.268	1.61	4.1	69	3.3
K973165		<0.002	6.61	25.3	14.2	2	6.8	51.8	0.59	0.51	11.1	0.273	3.15	3.4	89	4.5
K973166		<0.002	2.33	10.00	9.6	1	4.0	137.0	0.62	0.53	11.9	0.230	2.30	3.2	69	2.9
K973167		<0.002	2.19	12.90	9.7	1	2.2	153.5	0.60	0.94	11.0	0.227	1.92	4.0	77	3.4
K973168		<0.002	4.46	5.52	9.6	2	4.4	59.0	0.61	0.91	14.3	0.210	2.74	6.2	125	3.1
G006292		0.025	1.65	154.0	6.4	4	334	686	0.45	0.13	5.0	0.232	3.68	1.1	79	20.7
K973169		<0.002	7.62	194.0	8.8	2	11.6	91.3	0.51	1.27	12.7	0.204	2.55	12.4	105	5.0
K973171		<0.002	2.19	19.10	7.5	1	3.8	62.2	0.57	0.53	16.6	0.174	2.48	5.6	62	2.9
K973172		<0.002	2.75	19.70	9.7	1	5.0	65.4	0.55	0.52	9.8	0.235	3.14	7.9	65	4.2
K973173		<0.002	1.97	16.05	9.5	1	4.2	119.5	0.61	0.53	11.0	0.235	2.52	7.0	65	3.1
K973174		<0.002	1.94	25.5	9.5	1	3.6	109.5	0.58	0.26	11.9	0.233	2.93	8.2	67	4.3
K973175		<0.002	3.64	78.9	9.3	1	6.5	91.3	0.60	0.30	12.3	0.233	2.78	5.2	65	4.9
K973176		<0.002	3.25	35.4	9.5	1	4.9	79.4	0.64	0.43	14.5	0.237	2.66	7.4	68	3.2
K973178		<0.002	0.80	7.57	10.0	1	2.3	255	0.72	0.32	12.0	0.269	1.45	3.8	72	2.4
K973179		<0.002	0.63	5.44	9.9	1	2.5	188.0	0.73	0.14	13.2	0.268	1.37	3.7	73	2.6
K973180		<0.002	0.42	4.61	8.9	1	1.8	288	0.75	0.13	12.8	0.251	1.44	4.3	67	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K270439		10.5	3240	36.5				
K270440		14.1	92	41.6				
K973110		14.5	114	37.8				
K973111		11.7	>10000	27.1			1.540	2.19
K973112		12.0	147	33.0				
K973113		12.2	547	33.4				
G006291		6.7	>10000	18.4	173	1.320	1.595	9.69
K973115		14.3	66	29.7				
K973120		13.5	322	31.7				
K973121		13.7	2770	23.8				
K973123		13.8	59	34.8				
K973155		12.4	97	174.0				
K973156		9.1	6780	60.1				
K973157		13.7	96	33.7				
K973158		12.0	91	182.5				
K973159		9.7	>10000	28.6			1.135	1.455
K973160		11.5	583	29.9				
K973161		12.1	2390	30.2				
K272040		1.0	15	0.5				
K973162		14.2	96	31.6				
K973164		15.8	306	33.4				
K973165		14.6	2290	25.5				
K973166		12.9	218	28.0				
K973167		12.6	122	29.0				
K973168		12.2	47	27.0				
G006292		10.8	7800	16.9	103			
K973169		14.0	2660	25.2				
K973171		12.4	225	29.2				
K973172		13.3	1340	28.0				
K973173		14.5	436	30.1				
K973174		13.7	554	28.6				
K973175		12.6	1980	26.5				
K973176		13.9	2610	29.3				
K973178		15.9	109	33.2				
K973179		16.6	116	33.4				
K973180		15.4	62	35.3				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12026543

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026544

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973181		0.18	7.65	11.3	2530	1.76	0.74	2.42	0.55	41.6	7.1	9	15.40	14.9	3.18	17.35
K973182		0.24	7.51	11.3	1320	1.87	1.19	1.93	0.38	38.1	6.8	8	12.55	14.2	2.63	17.65
K973183		1.69	7.92	24.9	1370	1.58	1.25	2.69	4.88	48.1	7.8	11	14.10	16.0	3.14	17.15
K973185		11.75	6.09	8110	900	1.42	4.86	3.56	46.8	40.7	5.1	7	11.00	100.5	5.12	14.10
K973186		6.95	6.01	167.0	630	1.43	5.82	1.16	18.50	48.0	24.5	9	5.32	72.5	10.00	15.85
K863248		0.18	7.17	16.4	2140	1.86	0.14	2.73	0.16	38.2	7.4	8	13.35	6.9	2.65	16.40
K863249		56.9	6.36	1960	830	1.55	20.9	3.04	89.3	44.6	6.0	7	16.85	794	4.52	12.90
K863250		0.18	7.04	15.8	1920	1.61	0.16	2.56	0.13	40.8	5.3	9	13.15	6.2	2.76	15.50
K271610		0.12	0.08	<5	20	0.05	0.04	20.5	0.23	1.45	1.6	<1	0.19	2.9	0.44	0.44
K863289		0.13	6.88	7.1	2570	1.38	0.35	2.36	0.19	42.5	6.8	19	10.15	3.8	2.51	15.25
K863291		1.90	7.41	476	250	1.57	1.26	2.56	13.00	58.3	35.0	15	15.75	15.4	4.35	16.25
K863292		>100	2.27	>10000	130	0.55	89.5	4.06	>1000	14.75	3.8	7	4.83	1605	10.05	5.94
K863293		1.02	7.29	98.6	1700	1.47	0.81	1.95	5.76	55.4	10.7	18	17.45	10.8	3.33	16.30
K863294		0.57	6.79	56.6	2300	1.51	0.67	2.49	2.65	47.3	8.8	19	13.65	9.0	3.20	15.35
K863296		0.22	7.08	9.0	2000	1.46	0.43	1.92	0.30	38.4	6.1	18	14.65	4.8	3.26	15.50
G006293		>100	1.32	1135	160	0.22	58.6	1.72	484	12.95	28.7	30	0.70	>10000	17.05	15.75
K863297		0.66	7.76	521	2310	1.77	0.64	2.05	2.58	59.0	14.6	21	17.90	15.8	3.70	17.95
K863298		49.6	4.73	>10000	170	1.08	8.36	2.27	239	34.6	4.3	13	9.78	308	5.85	11.50
K863299		0.93	6.45	110.0	1430	1.60	0.73	2.32	1.91	44.7	7.6	7	26.8	40.4	2.68	16.00
K863308		0.35	6.30	40.8	2360	1.64	0.38	2.83	0.80	38.3	6.8	8	17.45	9.0	2.53	16.00
K863309		5.61	6.84	444	550	1.56	1.17	2.31	47.2	59.4	6.9	8	19.40	36.7	4.08	15.15
K863310		1.28	6.66	767	1680	1.61	0.52	2.68	5.64	52.9	7.9	8	28.6	20.3	2.86	15.30
K863311		0.19	6.69	15.2	2800	1.60	0.41	2.35	0.37	36.6	6.8	7	18.75	8.9	2.72	15.35
K863312		53.7	6.28	3730	2070	1.33	60.1	0.74	319	45.0	5.9	8	11.05	544	5.53	15.35
K863313		0.56	6.97	21.5	2560	1.97	0.24	2.17	0.94	61.6	5.7	12	20.7	18.5	2.22	19.10
K863314		0.56	7.31	37.9	2350	1.96	0.34	2.28	1.50	63.5	6.1	13	19.75	21.0	2.48	19.95
G006294		>100	7.45	53.0	1540	1.26	1.65	2.34	55.2	31.6	13.2	21	2.50	4620	3.91	19.80
K863315		0.44	7.95	26.3	1090	2.24	0.25	1.35	0.75	72.2	5.8	16	20.4	26.6	2.50	20.5
K863316		7.12	5.80	265	190	1.60	5.28	2.12	37.7	48.3	10.5	7	23.9	101.0	3.69	13.25
K863317		0.11	7.60	49.7	2150	2.14	0.19	2.67	0.58	55.2	6.5	24	13.85	28.6	2.70	19.75
K863325		3.46	6.51	472	240	1.27	3.40	0.74	25.4	46.2	12.5	8	8.42	35.3	5.91	14.40
K863326		8.20	3.59	1235	210	0.69	4.66	0.38	15.30	11.50	114.5	6	4.61	206	16.95	7.44
K863328		1.56	7.17	54.1	130	1.30	2.64	0.98	2.39	48.9	11.3	8	8.85	12.1	4.67	15.45
K863337		0.32	7.39	46.0	2180	1.50	0.61	2.91	0.69	50.1	7.4	7	14.90	7.0	2.71	16.35
K863338		>100	6.44	1950	1310	1.26	81.1	1.79	17.05	51.1	5.9	8	14.60	1115	3.83	12.50
K863339		0.37	7.65	14.5	1690	2.05	0.65	1.33	0.17	62.2	7.8	9	12.30	16.8	2.42	17.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K973181		0.18	1.1	0.099	2.70	20.6	43.8	0.73	618	0.77	1.36	8.3	1.9	650	29.3	99.0
K973182		0.14	1.0	0.118	1.96	18.9	225	0.55	537	0.88	0.05	7.9	2.0	650	23.6	80.6
K973183		0.20	1.0	0.129	2.74	24.8	137.5	0.98	775	1.07	0.05	7.3	1.7	610	210	138.0
K973185		0.20	0.7	1.215	2.61	20.6	23.4	1.32	3060	19.25	0.03	5.7	1.0	440	1910	166.0
K973186		0.25	0.8	0.494	2.79	24.9	10.5	0.55	939	8.80	0.04	5.5	2.3	480	1185	186.0
K863248		0.16	1.3	0.053	2.58	18.2	11.1	0.63	675	0.56	1.84	7.6	1.6	550	29.0	88.2
K863249		0.14	1.0	4.28	2.60	24.2	28.1	0.89	1970	1.12	0.07	6.2	1.2	440	>10000	157.5
K863250		0.07	1.4	0.034	2.77	22.6	17.0	0.70	650	1.32	1.66	8.8	1.9	540	22.6	92.3
K271610		0.05	<0.1	0.012	0.03	0.7	1.2	12.45	199	0.14	0.01	0.4	<0.2	200	38.3	1.8
K863289		0.07	1.0	0.029	2.62	23.9	19.9	0.59	506	1.35	1.40	7.8	1.6	540	17.9	91.1
K863291		0.11	1.0	0.154	3.30	30.5	39.1	0.95	1280	3.10	0.04	8.0	3.6	560	457	161.0
K863292		0.16	0.2	26.0	1.01	7.5	15.2	1.50	4720	17.40	0.01	2.3	1.3	130	>10000	58.5
K863293		0.08	1.2	0.107	3.19	29.7	56.7	0.67	1290	2.35	0.03	8.5	2.8	550	242	169.0
K863294		0.09	1.0	0.092	2.50	24.1	19.4	0.63	639	1.77	1.35	8.1	2.7	520	66.3	101.5
K863296		0.11	1.0	0.055	2.61	21.6	16.8	0.57	537	1.04	1.56	8.4	2.1	540	20.7	104.0
G006293		0.93	0.5	6.40	0.40	7.6	6.1	0.80	371	38.2	0.02	2.0	57.2	370	>10000	16.6
K863297		0.08	1.2	0.086	2.44	31.1	152.5	0.75	994	1.65	0.03	9.3	3.2	630	91.5	117.5
K863298		0.10	0.7	5.34	2.06	18.1	19.0	0.81	6010	4.72	0.02	5.2	2.1	320	6820	120.5
K863299		0.06	1.2	0.076	2.76	22.4	121.0	0.52	923	3.59	0.07	8.4	2.2	520	234	111.5
K863308		0.10	1.4	0.053	2.68	18.3	216	0.50	700	1.02	0.10	9.3	1.9	570	30.1	76.9
K863309		0.10	1.0	0.691	3.00	33.0	31.8	0.78	3040	1.80	0.03	7.6	2.3	500	1235	195.5
K863310		0.09	1.4	0.115	2.84	28.5	31.1	0.93	1520	1.52	0.03	8.2	2.8	520	117.5	146.5
K863311		0.13	1.2	0.038	2.75	20.1	54.3	0.65	788	1.12	0.94	8.3	1.7	520	24.8	93.3
K863312		0.13	1.0	9.03	2.87	23.9	10.9	0.41	1380	2.43	0.01	6.5	2.5	450	3840	169.5
K863313		0.08	2.8	0.038	2.49	31.7	71.4	0.74	479	2.25	0.02	11.2	4.9	880	30.1	84.1
K863314		0.10	3.2	0.053	2.59	32.6	76.0	0.78	539	2.02	0.02	11.8	5.2	950	38.2	87.1
G006294		0.10	0.4	13.15	2.28	16.0	11.1	0.67	584	40.2	2.50	7.4	12.0	800	9220	67.8
K863315		0.17	4.5	0.040	2.24	37.1	100.0	0.69	637	4.07	0.03	12.3	5.0	1220	38.9	76.8
K863316		0.08	1.5	0.755	1.99	25.6	63.3	0.78	1360	9.93	0.03	6.0	4.7	520	663	134.0
K863317		0.15	4.4	0.044	0.95	29.9	167.0	0.91	742	0.78	0.02	12.9	6.7	1390	25.6	24.2
K863325		0.14	1.0	0.509	3.17	24.3	13.9	0.48	1080	1.05	0.03	4.9	2.6	510	514	203
K863326		0.31	0.5	0.285	1.60	5.3	19.3	0.23	734	3.21	0.02	3.1	3.2	150	409	110.5
K863328		0.12	1.1	0.100	3.48	24.7	96.3	0.74	617	1.85	0.05	4.3	2.6	550	125.5	210
K863337		0.14	1.2	0.046	2.66	25.0	220	0.91	1040	0.60	0.04	7.9	1.9	600	41.2	97.3
K863338		0.09	1.0	0.290	2.68	27.5	44.4	0.69	971	2.22	0.03	6.1	2.2	470	>10000	144.5
K863339		0.09	1.3	0.026	1.82	33.7	560	0.52	505	1.09	0.02	8.5	2.6	640	38.4	93.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K973181		<0.002	0.68	7.59	12.4	2	2.1	297	0.71	0.26	12.7	0.264	1.30	3.9	76	2.0
K973182		<0.002	1.49	20.5	12.1	3	3.3	145.0	0.62	0.54	11.8	0.262	1.35	4.0	74	2.5
K973183		<0.002	2.05	11.60	12.8	2	3.6	125.0	0.58	0.42	13.5	0.242	2.21	5.0	72	2.7
K973185		<0.002	2.82	62.8	10.5	3	5.3	119.0	0.45	0.18	10.6	0.183	2.56	6.5	56	3.5
K973186		<0.002	>10.0	23.8	9.6	3	9.1	28.9	0.43	0.75	10.7	0.172	2.13	2.9	77	3.5
K863248		<0.002	0.06	3.66	9.7	2	1.4	375	0.68	<0.05	10.5	0.230	1.40	3.3	63	1.1
K863249		<0.002	3.67	89.1	9.1	4	3.7	119.0	0.56	0.14	13.1	0.190	2.45	6.3	53	3.2
K863250		<0.002	0.17	3.47	9.5	<1	1.4	294	0.82	<0.05	12.3	0.241	1.32	3.9	64	1.4
K271610		<0.002	0.01	0.19	0.4	<1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	3	0.1
K863289		<0.002	0.61	3.44	9.7	<1	1.6	294	0.65	0.11	11.7	0.234	1.28	3.8	65	1.8
K863291		<0.002	2.83	12.20	10.8	2	2.2	112.5	0.67	0.45	13.9	0.223	2.80	7.5	63	4.0
K863292		<0.002	>10.0	239	2.7	10	6.9	75.4	0.17	0.30	4.0	0.061	1.12	3.2	18	3.3
K863293		<0.002	1.27	9.96	9.4	1	1.8	99.9	0.75	0.22	15.1	0.225	3.06	4.2	61	5.6
K863294		0.002	0.42	5.00	9.9	2	2.0	248	0.67	0.19	12.9	0.226	1.51	4.4	62	2.3
K863296		<0.002	0.30	3.97	9.7	<1	1.8	205	0.72	0.08	13.0	0.236	1.60	3.9	63	1.7
G006293		0.035	>10.0	244	2.5	233	104.5	38.5	0.10	0.80	1.2	0.040	33.3	4.2	56	1.9
K863297		<0.002	1.04	15.00	11.5	2	2.6	196.0	0.74	0.17	15.0	0.261	2.04	4.4	75	3.4
K863298		<0.002	4.24	109.0	6.2	3	11.6	105.5	0.46	0.06	9.2	0.140	2.00	4.7	39	6.3
K863299		<0.002	0.62	14.90	9.3	1	5.5	131.5	0.72	0.06	12.6	0.228	2.07	4.9	63	3.7
K863308		<0.002	0.60	6.08	9.1	<1	1.8	291	0.85	0.08	10.0	0.247	1.77	3.1	70	3.2
K863309		<0.002	2.64	15.35	9.8	2	3.8	116.5	0.61	0.17	14.9	0.214	2.81	5.1	61	6.7
K863310		<0.002	0.91	13.35	9.4	2	2.1	192.0	0.67	0.11	13.7	0.219	2.62	6.4	59	5.9
K863311		<0.002	0.69	3.90	9.5	<1	1.8	279	0.71	0.08	10.8	0.230	1.65	3.9	62	3.9
K863312		<0.002	5.82	42.5	9.1	4	12.4	68.8	0.56	0.21	12.6	0.188	2.90	3.8	58	9.6
K863313		<0.002	0.11	12.35	4.8	1	2.3	373	0.79	<0.05	9.5	0.275	1.10	3.9	43	2.5
K863314		<0.002	0.09	11.55	5.0	2	2.4	436	0.83	<0.05	9.8	0.290	1.19	4.1	47	2.5
G006294		0.020	1.56	147.0	6.8	5	332	680	0.45	0.12	5.3	0.223	3.50	1.2	76	20.5
K863315		<0.002	0.12	14.90	6.4	<1	2.7	1545	0.82	<0.05	10.2	0.336	1.18	4.4	59	2.4
K863316		<0.002	2.95	31.9	7.5	2	4.2	414	0.47	0.30	11.0	0.169	1.89	3.7	48	5.6
K863317		<0.002	0.15	22.6	6.8	<1	4.1	1420	0.85	<0.05	7.6	0.375	0.67	3.3	68	5.0
K863325		<0.002	5.64	10.35	10.0	2	6.8	47.5	0.41	0.25	12.5	0.159	2.76	3.0	58	6.3
K863326		0.002	>10.0	71.3	3.3	7	11.0	37.9	0.25	0.38	5.3	0.083	1.50	1.6	28	2.7
K863328		<0.002	4.45	6.78	10.6	2	5.0	95.8	0.40	0.20	14.6	0.130	2.45	3.7	61	3.6
K863337		<0.002	1.19	8.89	9.2	2	2.5	213	0.67	0.71	12.7	0.256	2.27	5.7	66	4.6
K863338		<0.002	3.22	267	8.1	2	4.2	102.0	0.54	0.35	11.5	0.183	2.43	4.2	56	3.6
K863339		<0.002	1.26	26.5	11.7	2	3.2	245	0.70	0.14	16.3	0.238	1.40	6.6	69	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K973181		14.1	87	29.4				
K973182		11.5	66	27.2				
K973183		13.1	371	27.3				
K973185		11.1	3370	19.8				
K973186		9.4	1740	20.4				
K863248		12.7	50	34.5				
K863249		13.1	7630	29.3			2.00	
K863250		15.6	48	38.4				
K271610		0.9	38	<0.5				
K863289		14.4	55	27.2				
K863291		13.0	971	30.4				
K863292		6.2	>10000	7.8	127		1.660	9.47
K863293		11.6	438	35.1				
K863294		14.8	231	28.5				
K863296		15.5	76	27.1				
G006293		6.8	>10000	17.7	165	1.345	1.590	9.81
K863297		14.7	253	35.7				
K863298		8.8	>10000	20.7				1.885
K863299		13.0	191	37.2				
K863308		13.3	100	39.4				
K863309		14.0	3330	33.8				
K863310		14.7	419	48.3				
K863311		13.1	79	33.1				
K863312		9.7	>10000	31.5				2.06
K863313		8.5	214	101.0				
K863314		9.0	251	116.0				
G006294		10.3	7070	15.1	104			
K863315		11.2	132	165.5				
K863316		9.3	2460	55.2				
K863317		11.6	113	166.0				
K863325		9.9	1740	29.5				
K863326		7.0	1140	14.3				
K863328		11.0	185	32.5				
K863337		13.5	80	35.0				
K863338		11.6	1060	28.6	132		2.88	
K863339		13.7	34	38.5				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12026544

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026545

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K863341		1.22	8.11	69.1	980	1.90	1.18	1.83	7.37	50.4	9.8	8	15.65	14.1	4.56	19.50
K863342		0.18	7.52	18.1	1590	2.39	0.70	2.13	0.26	46.9	11.0	9	18.10	15.5	3.47	18.05
K863343		12.70	6.50	2100	990	1.20	3.83	1.44	37.4	49.7	6.4	10	10.20	107.0	5.09	13.05
K863345		0.32	7.78	23.1	1850	1.55	0.36	2.20	1.19	51.3	7.0	10	17.65	6.6	3.36	16.30
G006295		>100	1.41	1140	200	0.28	52.6	1.79	509	13.30	27.6	31	0.76	>10000	17.75	15.10
K972025		0.39	7.31	39.9	2060	1.47	0.71	2.62	0.97	44.1	7.2	8	18.25	25.8	3.69	16.00
K972026		16.35	7.25	3900	100	1.41	1.95	0.85	75.1	45.9	8.9	8	16.00	48.9	8.77	16.35
K972027		0.24	7.68	20.0	1990	1.56	0.52	2.55	0.55	34.5	8.2	12	15.40	9.0	2.97	19.25
K972028		5.14	6.50	342	670	1.34	1.04	2.59	30.5	34.3	9.0	8	23.3	31.6	5.39	17.05
K972029		0.28	6.63	24.8	1360	1.63	0.51	2.87	1.68	30.3	9.3	8	21.8	8.9	2.75	17.80
K972030		2.43	7.53	170.5	340	1.72	0.83	2.65	20.9	37.3	12.2	9	23.9	47.2	4.34	19.95
K972031		4.51	6.90	3560	250	1.89	3.35	2.79	105.5	29.2	11.7	8	44.6	45.6	5.94	21.7
K972044		0.16	7.54	11.7	1480	1.43	0.43	3.20	0.55	47.5	5.5	12	13.90	13.2	2.49	20.7
K972045		14.55	7.88	321	340	1.29	1.87	3.71	72.2	29.8	13.4	4	12.70	74.2	6.50	21.9
K972047		0.25	7.57	12.6	1940	1.26	1.03	2.72	1.15	36.6	9.3	13	6.95	10.6	3.45	20.4
K269006		1.28	7.38	41.4	1150	1.00	0.36	2.44	8.78	53.0	8.0	8	8.27	6.5	2.23	16.35
K269008		76.7	3.86	594	790	0.68	77.4	1.83	176.0	19.05	133.5	6	3.73	1310	13.40	9.77
K269010		1.72	7.05	40.5	1210	1.15	1.70	1.82	3.85	67.3	15.8	8	8.27	12.3	2.36	16.55
K269021		2.52	7.54	463	1400	1.40	0.99	2.15	14.55	47.5	4.8	8	14.80	41.0	2.63	16.95
G006296		>100	7.84	57.1	1560	1.13	1.60	2.35	54.2	27.3	13.7	22	2.42	4780	3.84	22.5
K269022		52.4	4.94	4090	1140	1.10	9.58	2.82	928	29.2	5.4	7	9.10	849	4.32	11.70
K269023		22.0	0.82	197	1700	0.97	20.8	14.90	147.0	7.16	2.7	2	2.48	526	3.54	2.43
K269024		13.35	4.98	5660	920	1.05	12.60	2.87	92.4	30.5	5.4	6	17.75	234	3.23	12.25
K269026		1.36	7.69	184.5	760	1.48	1.12	3.03	5.61	38.8	8.5	9	19.75	30.9	2.59	18.50
K269027		0.78	7.29	331	2060	1.34	0.20	4.02	1.38	40.6	7.4	7	18.60	25.7	2.77	15.80
K269028		9.15	6.69	5510	1290	1.33	9.16	2.85	92.9	38.0	7.2	8	17.50	125.0	4.21	14.85
K269029		0.58	7.35	269	1140	1.45	0.19	2.00	2.65	37.7	7.2	9	21.4	17.3	3.17	16.90
K269031		0.81	7.22	340	1720	1.14	0.33	3.17	0.95	46.0	8.9	9	17.85	72.8	2.89	16.00
K269032		1.33	3.47	220	740	1.37	0.42	10.40	4.05	20.8	3.1	4	8.55	18.3	3.21	8.68
K269033		6.54	6.40	3500	1110	1.17	1.57	0.79	86.4	45.1	6.7	9	11.65	282	7.08	17.80
K269034		>100	5.33	>10000	390	1.08	182.0	1.15	884	32.7	5.2	9	8.61	2590	7.64	15.40
K271640		0.28	0.14	73	30	0.08	0.23	20.5	1.37	1.74	1.3	1	0.40	6.9	0.55	0.52
K269035		0.56	7.68	58.3	2100	1.56	0.50	2.84	2.16	40.6	8.9	9	24.1	36.0	3.25	18.65
K269041		22.9	7.34	610	2240	1.37	5.75	2.93	225	43.6	7.4	7	11.45	172.0	3.45	15.85
K269042		45.6	5.32	6350	1140	0.93	21.8	1.03	315	29.9	13.5	8	7.91	291	7.51	13.80
K269044		1.74	7.46	138.5	1750	1.44	1.03	1.73	9.57	41.0	7.1	9	14.35	30.7	3.34	17.25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K863341		0.18	1.4	0.143	2.92	22.8	311	0.73	1110	2.96	0.05	8.6	2.7	590	339	122.0
K863342		0.17	1.2	0.065	1.82	24.2	520	0.67	1060	0.31	0.03	8.7	2.9	650	16.9	63.0
K863343		0.18	1.1	0.687	2.98	24.7	29.8	0.67	887	5.78	0.04	5.4	2.2	470	3930	174.5
K863345		0.16	1.3	0.055	3.23	23.1	93.0	0.69	822	4.69	0.55	8.5	2.6	620	122.5	121.5
G006295		1.04	0.6	6.71	0.42	6.9	6.7	0.85	389	39.5	0.02	1.8	56.7	390	>10000	16.0
K972025		0.13	1.3	0.048	2.39	19.7	73.6	0.77	730	1.13	0.19	8.7	2.3	590	64.7	81.2
K972026		0.23	1.1	0.777	3.40	21.0	13.3	0.51	1540	14.60	0.03	6.0	2.8	520	3670	227
K972027		0.10	1.2	0.050	2.70	17.3	61.0	0.64	767	0.34	0.32	8.5	1.6	620	45.7	105.0
K972028		0.12	1.0	0.303	2.77	16.8	24.4	0.58	2100	3.28	0.03	6.0	1.7	570	1600	142.5
K972029		0.11	1.2	0.057	2.27	15.4	81.4	0.43	813	0.47	0.16	8.2	1.3	580	63.3	80.4
K972030		0.13	1.2	0.184	3.26	18.3	26.7	0.71	1520	1.59	0.03	7.2	2.0	580	566	151.0
K972031		0.14	1.2	1.630	2.94	13.6	27.2	0.57	1270	0.47	0.04	8.3	2.5	600	724	133.0
K972044		0.14	1.7	0.058	2.64	26.2	13.5	0.62	516	0.43	1.49	8.4	2.0	650	23.3	101.0
K972045		0.14	1.6	0.953	2.71	12.8	15.1	1.40	2330	0.69	0.99	5.4	2.6	1190	3990	119.0
K972047		0.15	1.9	0.067	2.93	17.0	13.6	0.99	657	2.45	1.94	7.4	3.1	780	36.2	99.8
K269006		0.13	1.0	0.082	3.46	29.6	5.9	0.99	2150	0.64	0.05	5.9	1.3	580	426	221
K269008		0.22	0.5	4.02	1.86	10.9	6.5	0.78	1330	4.27	0.04	2.5	3.8	250	5720	127.5
K269010		0.13	1.0	0.138	3.15	41.9	19.9	0.79	1330	1.82	0.04	5.6	1.4	520	204	230
K269021		0.12	1.3	0.245	3.08	25.5	33.2	0.78	1380	1.56	0.04	7.8	1.3	540	601	159.0
G006296		0.13	0.6	13.80	2.26	15.0	9.8	0.68	601	36.8	2.51	7.4	10.9	830	9390	70.7
K269022		0.07	0.9	19.30	2.18	16.0	16.4	1.19	1740	4.21	0.02	5.0	1.0	340	>10000	130.5
K269023		<0.05	0.1	7.42	0.33	4.1	12.3	6.67	3180	5.00	0.01	0.9	<0.2	50	2910	20.6
K269024		0.07	0.8	3.70	1.83	16.6	39.5	1.09	2120	17.65	0.02	5.3	1.0	350	2080	108.5
K269026		0.12	1.1	0.315	2.90	20.3	88.3	1.10	1480	2.82	0.03	8.4	1.5	640	135.0	111.0
K269027		0.14	0.9	0.102	2.86	23.3	22.6	1.61	1500	2.74	0.03	7.5	1.1	530	44.3	161.0
K269028		0.12	1.0	3.23	2.62	21.3	25.5	1.17	2430	1.70	0.03	6.9	1.7	510	1240	147.5
K269029		0.10	1.2	0.074	2.36	19.0	107.5	0.72	1480	3.99	0.02	8.0	1.9	590	127.5	97.0
K269031		0.14	1.1	0.087	2.67	25.7	32.9	1.11	1660	6.39	0.03	7.6	2.0	570	48.8	142.5
K269032		<0.05	0.5	0.219	1.36	12.5	18.9	4.77	2940	4.08	0.02	3.6	<0.2	260	273	75.8
K269033		0.15	0.9	3.23	2.73	24.8	9.2	0.62	4430	2.09	0.02	6.6	2.2	480	1215	153.5
K269034		0.14	0.8	30.9	2.31	17.8	8.2	0.63	3420	1.32	0.02	5.7	1.5	380	>10000	125.5
K271640		0.09	<0.1	0.053	0.06	0.9	1.7	12.80	242	0.09	0.01	0.5	<0.2	190	29.7	3.4
K269035		0.13	1.3	0.111	2.88	20.5	34.5	0.77	839	1.56	1.40	9.0	1.7	620	72.8	125.0
K269041		0.13	1.1	4.57	2.34	24.0	106.0	0.96	1100	1.42	0.08	7.5	1.4	520	4810	95.1
K269042		0.15	0.9	5.58	2.37	15.9	13.9	0.52	1380	39.8	0.04	4.4	2.3	400	7330	148.5
K269044		0.12	1.2	0.136	2.86	22.1	58.3	0.77	1720	5.01	0.03	7.2	2.3	570	429	166.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K863341		<0.002	2.66	20.0	9.9	1	10.7	154.5	0.74	0.13	14.1	0.249	2.30	4.6	89	5.0
K863342		0.002	1.62	25.5	11.6	1	5.5	259	0.71	0.16	13.8	0.267	1.82	7.0	74	4.6
K863343		<0.002	4.62	41.0	8.1	2	8.0	56.8	0.44	0.17	13.4	0.167	2.67	4.3	54	4.6
K863345		<0.002	1.70	8.63	9.6	1	2.2	189.5	0.69	0.13	14.3	0.249	2.29	4.5	67	3.2
G006295		0.033	>10.0	273	2.4	221	106.5	39.7	0.10	0.82	1.2	0.042	32.7	4.1	58	1.9
K972025		<0.002	1.44	10.50	9.1	1	5.2	230	0.72	0.34	13.0	0.253	1.79	4.6	68	2.6
K972026		<0.002	8.33	49.7	8.5	2	9.4	53.0	0.52	0.30	13.0	0.191	3.24	3.4	63	8.1
K972027		<0.002	1.40	8.12	15.4	1	2.5	205	0.73	0.18	12.8	0.251	1.94	4.0	67	2.3
K972028		<0.002	5.32	23.5	13.7	2	7.8	160.0	0.49	0.25	9.3	0.198	2.81	3.0	65	7.0
K972029		<0.002	1.77	13.00	13.2	1	2.7	250	0.72	0.21	10.1	0.239	1.74	3.4	64	1.9
K972030		<0.002	3.88	14.70	14.6	2	10.2	174.5	0.64	0.32	11.4	0.219	3.28	3.3	66	4.5
K972031		<0.002	5.98	25.2	14.2	2	7.4	196.5	0.71	0.41	9.4	0.248	2.75	5.7	78	7.3
K972044		<0.002	0.84	3.57	10.1	2	1.8	324	0.68	0.22	11.2	0.255	1.30	3.3	62	0.9
K972045		<0.002	4.43	19.80	17.5	2	4.0	586	0.33	0.54	2.6	0.416	2.40	1.7	147	7.5
K972047		0.003	1.68	2.33	10.8	2	2.2	445	0.57	0.49	8.7	0.284	1.31	3.4	81	1.0
K269006		<0.002	1.18	6.19	11.8	1	2.3	54.6	0.53	0.18	11.3	0.191	2.99	3.5	64	2.6
K269008		<0.002	>10.0	183.5	4.7	4	3.4	39.7	0.20	0.84	4.2	0.077	1.43	1.3	36	2.8
K269010		<0.002	1.38	9.13	12.5	1	2.9	57.8	0.46	0.24	12.2	0.171	2.59	4.2	60	2.9
K269021		<0.002	1.01	16.45	12.3	1	3.1	74.6	0.71	0.06	12.3	0.219	2.54	6.1	60	2.6
G006296		0.020	1.67	147.0	9.3	4	346	683	0.44	0.17	4.9	0.221	3.59	1.0	78	18.2
K269022		<0.002	6.36	72.5	8.2	7	9.8	58.9	0.45	0.05	8.3	0.149	2.22	3.5	42	5.9
K269023		<0.002	1.19	79.0	2.1	2	1.1	275	0.07	<0.05	1.6	0.024	0.36	6.2	11	2.2
K269024		<0.002	1.88	92.0	9.6	2	6.2	139.5	0.44	<0.05	8.2	0.161	2.24	5.3	45	6.6
K269026		<0.002	0.65	16.60	15.2	1	2.3	214	0.68	0.05	10.4	0.265	2.89	5.3	75	6.6
K269027		<0.002	0.88	23.0	12.5	1	1.8	172.5	0.57	<0.05	10.8	0.223	2.76	5.3	62	6.1
K269028		<0.002	2.26	48.9	12.1	2	2.8	152.5	0.57	0.06	10.2	0.204	2.40	4.6	59	5.0
K269029		<0.002	0.41	25.0	12.8	1	2.2	144.5	0.70	<0.05	10.4	0.241	2.54	4.9	67	7.1
K269031		<0.002	0.74	41.2	13.2	1	2.7	190.5	0.62	<0.05	12.7	0.230	2.62	7.1	64	7.7
K269032		<0.002	0.86	19.75	6.3	1	3.1	255	0.27	<0.05	5.3	0.103	1.32	4.2	29	5.4
K269033		<0.002	2.62	55.8	11.6	2	11.6	37.0	0.53	0.13	10.3	0.196	2.83	3.9	56	12.2
K269034		<0.002	7.34	181.5	9.4	7	16.9	36.5	0.48	0.14	8.3	0.169	2.30	3.3	46	9.8
K271640		<0.002	0.04	0.86	0.6	1	0.2	48.9	<0.05	<0.05	0.2	0.006	0.03	0.6	4	0.2
K269035		<0.002	0.24	6.62	17.8	2	2.4	294	0.72	<0.05	11.3	0.287	1.64	4.6	90	4.8
K269041		<0.002	1.45	38.2	12.1	3	3.2	224	0.65	<0.05	11.5	0.221	1.65	5.7	63	4.6
K269042		<0.002	8.57	81.8	10.6	4	8.3	51.4	0.37	0.53	8.6	0.145	2.08	4.6	53	5.8
K269044		<0.002	1.82	19.20	13.2	1	3.2	182.0	0.63	0.15	11.9	0.218	2.78	5.0	66	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K863341		13.5	509	37.8				
K863342		14.8	64	32.2				
K863343		11.2	2520	30.1				
K863345		13.4	120	37.8				
G006295		7.1	>10000	19.1	161	1.235	1.505	9.27
K972025		14.1	163	34.8				
K972026		11.4	4920	31.4				
K972027		16.1	82	35.2				
K972028		11.9	2190	27.9				
K972029		13.0	164	33.1				
K972030		14.6	1500	33.5				
K972031		13.4	6990	33.9				
K972044		16.5	84	52.2				
K972045		14.4	4950	59.0				
K972047		15.4	149	57.6				
K269006		12.5	805	27.7				
K269008		6.1	>10000	13.0				1.510
K269010		11.3	340	27.8				
K269021		13.9	1140	35.8				
G006296		12.3	7540	17.6	104			
K269022		9.8	>10000	23.8			1.870	6.20
K269023		10.9	9670	3.7				
K269024		10.5	6890	21.7				
K269026		16.5	482	30.9				
K269027		15.9	134	28.0				
K269028		13.8	6880	28.7				
K269029		14.6	247	31.7				
K269031		17.2	115	31.2				
K269032		9.5	324	15.3				
K269033		10.8	6090	25.9				
K269034		9.9	>10000	23.2	169		1.755	5.91
K271640		1.1	147	0.7				
K269035		19.5	213	35.3				
K269041		18.1	>10000	31.2				1.360
K269042		9.8	>10000	24.6				1.905
K269044		13.7	699	33.4				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12026545

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026546

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972686		0.40	6.90	25.9	1120	1.43	0.45	3.22	0.50	33.0	9.7	11	15.65	46.9	2.84	17.25
K972687		28.6	6.58	2340	670	1.04	9.75	0.28	142.0	21.4	9.5	8	15.10	3670	4.92	17.40
K972689		1.63	7.59	95.5	1070	1.35	1.09	1.20	5.57	38.7	8.7	9	17.30	28.4	3.80	16.75
K972720		0.26	6.89	26.5	2430	1.50	0.62	2.82	0.56	40.0	7.6	9	18.25	6.2	2.61	16.25
K972721		0.41	6.68	63.3	1760	1.35	0.44	2.64	0.96	36.8	10.0	10	21.1	4.5	4.50	15.90
G006297		>100	1.40	1165	290	0.29	52.9	1.69	505	12.60	27.7	30	0.80	>10000	16.55	17.75
K972722		0.38	6.93	74.3	1600	1.62	0.26	2.33	0.92	37.2	8.8	9	15.10	17.4	2.85	15.80
K972395		0.46	7.43	22.0	860	1.51	0.18	1.65	2.66	39.9	7.3	10	15.65	18.4	3.80	16.30
K972396		45.7	5.85	1090	1770	1.19	4.29	0.68	165.5	22.5	29.2	6	18.70	931	7.04	16.70
K972398		4.80	6.58	111.5	630	1.22	1.03	0.90	177.0	36.5	7.2	8	23.1	107.0	4.11	16.25
K972399		2.71	5.94	266	520	1.26	1.63	0.61	15.75	28.5	13.2	6	31.8	45.4	5.18	15.20
K972400		8.47	5.17	441	650	0.85	1.83	0.80	27.7	19.40	18.9	7	14.75	87.7	5.93	14.25
K972401		1.42	6.86	393	760	1.29	0.61	0.79	7.53	36.8	9.8	7	18.75	47.1	3.86	16.60
K972402		6.42	5.33	1225	1520	1.10	1.39	1.27	113.5	30.6	8.0	7	32.4	117.0	5.73	14.65
K972403		5.02	4.56	5380	400	0.84	0.89	1.08	116.5	30.4	5.1	7	13.80	108.0	4.33	14.65
G006298		>100	7.39	53.4	1070	1.32	1.70	2.54	57.9	22.1	14.5	24	2.58	5190	4.15	23.7
K972404		99.9	4.30	4400	660	0.95	29.7	0.86	609	21.6	12.3	6	20.0	2640	7.04	12.40
K972406		2.35	6.42	326	830	1.19	0.62	0.86	38.3	28.4	8.8	8	18.95	68.5	6.00	16.40
K972497		1.58	7.45	194.0	970	1.62	0.34	2.16	4.16	52.9	7.3	12	23.4	20.9	3.76	16.15
K972498		12.85	4.16	2500	490	0.96	1.19	5.12	72.2	26.5	4.6	9	8.23	81.1	5.24	9.91
K972499		0.22	7.42	24.7	1970	1.42	0.13	2.09	0.62	46.4	6.4	12	17.55	6.8	2.88	16.65
L828580		0.74	5.69	13.6	160	2.76	1.04	0.32	0.33	15.20	0.3	2	32.2	2.6	0.48	16.80
L828581		28.7	5.10	1170	1460	1.30	34.2	2.03	123.0	31.7	5.8	7	12.00	235	6.90	14.15
K271684		0.04	0.09	<5	20	0.09	0.17	20.1	0.17	1.16	1.4	1	0.24	2.2	0.45	0.48
L828582		5.52	7.37	117.0	1440	1.46	6.61	1.68	42.4	58.6	6.6	11	11.25	92.8	4.17	17.80
L828583		3.67	6.99	192.0	1040	1.32	1.34	1.49	50.2	40.6	3.6	9	12.35	53.9	5.48	16.60
L828584		1.45	7.41	27.1	1430	1.72	0.25	2.37	30.3	41.8	4.8	8	18.00	17.2	3.37	15.95
K972267		1.74	7.55	32.2	550	1.13	2.55	0.62	1.08	47.8	9.2	8	26.5	9.2	5.52	17.15
K972268		>100	5.57	268	1080	0.95	61.7	0.89	58.8	30.2	18.6	6	24.1	2150	3.33	13.45
K972269		6.06	6.53	83.8	530	1.03	2.76	0.67	6.26	43.8	14.8	8	23.5	215	5.13	15.45
K973251		1.42	7.11	138.5	1500	1.45	0.81	1.53	5.87	41.2	6.0	8	16.95	16.5	3.31	15.60
K973252		15.90	6.39	3220	850	1.28	3.13	0.91	78.3	43.6	5.4	7	12.85	454	5.05	15.35
K973253		0.23	7.18	17.0	2030	1.66	0.30	2.23	0.39	39.0	5.4	10	15.60	6.0	2.69	15.85
K973272		0.41	8.01	34.6	1770	1.40	0.58	1.19	0.87	52.3	7.5	9	19.20	8.6	3.35	16.15
K973273		20.7	5.51	4440	680	1.11	26.7	2.27	59.2	26.7	7.7	8	7.45	343	7.33	14.10
K973274		5.12	7.56	428	980	1.58	6.85	1.12	6.99	51.6	7.1	9	15.90	189.5	5.24	16.60

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K972686		0.12	1.4	0.067	2.93	16.8	44.3	0.55	2480	0.56	0.05	8.3	2.3	680	25.2	115.0
K972687		0.10	1.0	8.56	2.86	10.8	8.4	0.22	2250	1.34	0.02	6.9	1.9	500	3270	159.5
K972689		0.13	1.3	0.219	3.11	20.7	24.5	0.60	3110	0.90	0.03	7.8	2.3	610	340	173.0
K972720		0.13	1.7	0.050	2.79	20.6	30.3	0.74	1690	0.49	0.06	8.5	2.1	650	26.8	131.5
K972721		0.13	1.2	0.122	2.64	19.5	30.5	0.72	3560	0.51	0.05	7.1	2.1	530	64.2	129.5
G006297		1.02	0.6	7.50	0.42	7.2	7.5	0.81	384	33.0	0.02	1.7	53.1	390	>10000	16.9
K972722		0.08	1.2	0.051	2.81	19.3	41.0	0.72	2040	0.42	0.03	7.4	2.1	570	42.5	123.5
K972395		0.11	1.0	0.095	3.56	19.9	5.3	0.69	4450	0.45	0.04	7.8	2.7	610	150.0	170.5
K972396		0.13	0.8	7.85	2.43	10.7	16.2	0.48	14050	1.68	0.02	5.8	2.4	460	>10000	129.0
K972398		0.08	1.0	2.48	2.65	18.9	15.3	0.44	16100	1.14	0.02	6.7	1.9	520	600	156.0
K972399		0.11	1.1	0.501	2.32	14.6	23.2	0.37	11300	1.93	0.02	6.2	1.9	470	880	142.0
K972400		0.10	0.8	1.810	2.20	10.1	15.9	0.39	17750	2.58	0.02	5.5	2.3	390	4080	126.0
K972401		0.11	1.1	0.269	3.04	19.6	12.4	0.40	8740	1.01	0.03	7.2	1.9	510	345	172.5
K972402		0.10	0.8	1.810	2.06	16.0	19.7	0.57	28800	1.13	0.03	5.5	1.7	420	1195	134.0
K972403		0.08	0.7	2.41	2.03	16.9	22.8	0.45	37200	3.31	0.02	4.8	1.1	370	1335	124.5
G006298		0.11	0.6	14.70	2.47	10.3	11.2	0.67	710	44.8	2.79	7.9	12.1	910	>10000	55.5
K972404		0.12	0.7	22.3	1.75	10.6	20.4	0.42	17000	3.65	0.03	4.4	2.2	320	>10000	98.9
K972406		0.10	0.9	0.446	2.84	14.8	9.9	0.47	8480	0.78	0.04	6.6	2.0	500	470	171.5
K972497		0.11	1.1	0.290	2.88	28.9	17.7	0.84	3250	2.44	0.04	8.3	2.4	570	349	152.0
K972498		0.11	0.6	0.714	1.86	15.0	13.6	2.01	6890	2.50	0.02	4.2	0.5	280	2990	123.5
K972499		0.13	1.1	0.066	2.59	23.2	39.0	0.63	933	1.88	1.27	8.1	2.0	580	53.7	101.5
L828580		<0.05	2.6	0.051	2.18	6.8	33.2	0.14	402	2.86	0.05	14.7	0.3	30	64.7	167.0
L828581		0.17	0.8	2.57	2.19	16.8	14.9	0.81	4260	5.74	0.03	6.4	1.3	340	867	135.5
K271684		0.14	<0.1	0.007	0.03	0.5	1.3	12.50	227	0.19	0.01	0.4	<0.2	180	5.0	1.8
L828582		0.17	0.8	0.430	3.44	33.4	6.2	0.84	2120	1.88	0.04	6.4	2.7	550	1095	217
L828583		0.15	1.0	2.18	3.23	22.2	8.8	0.76	3680	1.79	0.03	7.1	2.2	500	840	201
L828584		0.13	1.0	0.823	3.37	22.0	64.9	0.81	2000	1.63	0.06	8.2	1.7	580	562	148.5
K972267		0.18	1.6	0.235	3.35	25.7	7.5	0.43	5470	1.44	0.03	7.8	2.7	580	243	204
K972268		0.10	1.2	0.694	2.33	15.5	16.2	0.36	7640	5.21	0.03	5.7	2.1	420	>10000	125.0
K972269		0.13	1.4	0.299	2.79	21.9	9.4	0.41	7020	2.11	0.04	6.8	3.2	500	345	158.5
K973251		0.13	1.2	0.169	2.88	21.3	41.5	0.55	1200	1.73	0.05	7.8	1.8	540	386	139.5
K973252		0.16	1.1	2.91	2.88	22.6	8.7	0.48	1640	7.03	0.02	6.9	2.0	500	3920	199.5
K973253		0.16	1.2	0.075	2.91	19.9	20.1	0.62	739	2.77	1.69	8.2	1.6	530	64.0	106.5
K973272		0.16	1.0	0.123	2.72	28.4	35.2	0.45	902	1.39	0.15	7.9	2.1	620	65.0	116.0
K973273		0.19	0.8	0.520	2.68	13.2	10.8	0.41	1060	4.36	0.03	5.6	1.6	460	1425	139.5
K973274		0.17	0.9	0.282	3.33	28.8	8.9	0.67	1740	2.11	0.03	7.0	2.5	600	510	191.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K972686		<0.002	0.14	14.15	13.0	1	2.0	190.5	0.69	<0.05	9.7	0.263	2.10	3.9	73	2.5
K972687		<0.002	4.26	497	12.1	2	12.3	30.2	0.57	<0.05	10.4	0.226	2.08	2.0	66	2.8
K972689		<0.002	0.59	20.4	13.9	1	2.4	90.5	0.68	0.26	12.7	0.256	2.31	5.6	75	2.6
K972720		<0.002	0.24	11.45	11.6	1	1.6	210	0.72	<0.05	11.0	0.249	2.20	4.4	67	2.9
K972721		<0.002	0.92	12.60	12.8	1	1.8	204	0.59	<0.05	10.7	0.225	1.89	4.8	70	3.1
G006297		0.031	>10.0	258	3.6	236	113.5	41.8	0.10	0.98	0.9	0.041	31.3	3.4	57	1.8
K972722		<0.002	0.43	14.60	12.9	1	1.7	167.5	0.61	<0.05	11.4	0.240	2.43	6.6	72	1.8
K972395		<0.002	0.33	11.85	12.4	1	2.2	92.4	0.70	<0.05	11.6	0.268	2.39	3.3	76	3.3
K972396		<0.002	4.00	584	9.5	3	14.0	119.5	0.52	0.18	8.1	0.198	2.07	7.6	62	3.4
K972398		<0.002	1.73	51.3	10.7	3	12.2	107.0	0.61	0.08	12.1	0.228	2.06	2.6	64	4.5
K972399		<0.002	3.01	42.0	10.0	1	6.5	92.7	0.57	0.07	11.8	0.209	2.09	3.2	61	3.2
K972400		<0.002	3.64	46.5	8.4	1	10.2	54.4	0.49	0.08	9.4	0.177	1.81	1.9	50	2.9
K972401		<0.002	1.36	38.5	10.9	1	6.5	78.1	0.72	0.07	13.8	0.229	2.35	3.8	68	4.1
K972402		0.002	2.45	81.7	9.2	2	12.6	108.0	0.48	<0.05	9.5	0.184	1.69	3.5	55	4.0
K972403		<0.002	2.30	138.0	8.2	2	4.3	51.4	0.42	<0.05	8.7	0.169	1.97	3.1	49	5.5
G006298		0.023	1.81	160.0	7.8	5	363	731	0.51	0.18	4.5	0.242	4.15	1.1	86	21.6
K972404		<0.002	7.51	899	6.1	7	14.6	85.1	0.38	0.08	6.9	0.147	1.66	2.7	50	4.8
K972406		<0.002	3.14	42.8	10.8	1	5.3	86.7	0.56	0.06	11.2	0.219	2.17	2.5	67	5.1
K972497		<0.002	0.62	16.70	10.7	1	2.6	94.2	0.77	<0.05	16.0	0.233	2.54	6.9	64	4.8
K972498		<0.002	2.87	34.3	5.9	1	3.3	67.7	0.37	0.07	7.9	0.124	1.94	3.0	36	3.6
K972499		<0.002	0.14	8.11	10.7	1	1.9	264	0.73	<0.05	13.7	0.237	1.37	3.9	66	1.7
L828580		<0.002	0.04	20.4	2.6	1	3.5	40.3	2.40	<0.05	20.5	0.028	1.83	8.3	3	1.3
L828581		<0.002	7.49	59.6	7.0	2	7.5	60.1	0.59	0.71	8.6	0.145	2.36	5.6	41	7.9
K271684		<0.002	0.02	0.17	0.4	1	<0.2	44.7	<0.05	0.11	<0.2	<0.005	<0.02	0.6	3	0.1
L828582		<0.002	1.72	12.70	12.0	1	2.5	48.2	0.51	0.11	11.1	0.210	3.36	7.0	70	5.7
L828583		0.002	2.82	10.75	9.7	1	3.8	38.3	0.67	0.05	12.7	0.203	3.22	3.7	59	5.1
L828584		<0.002	0.41	5.57	10.4	1	2.3	149.0	0.77	<0.05	13.6	0.239	2.82	11.2	68	2.9
K972267		<0.002	0.63	23.6	10.8	1	1.8	70.8	0.75	<0.05	16.1	0.250	2.70	4.4	72	4.2
K972268		<0.002	2.32	599	7.1	2	2.1	76.7	0.50	0.06	9.5	0.187	1.64	4.9	50	2.5
K972269		<0.002	1.50	132.0	10.7	1	1.7	73.4	0.61	0.06	13.3	0.223	2.14	4.1	68	2.1
K973251		<0.002	1.59	14.75	10.0	1	3.1	98.1	0.71	0.10	14.2	0.218	2.46	5.7	61	5.1
K973252		<0.002	4.54	76.3	9.6	2	8.8	29.0	0.62	0.10	12.9	0.206	3.03	7.5	60	7.6
K973253		<0.002	0.10	4.36	10.0	1	1.8	299	0.76	0.06	14.0	0.230	1.56	5.2	64	2.0
K973272		<0.002	0.52	19.25	11.1	2	2.0	88.8	0.60	0.06	14.2	0.253	1.75	4.7	69	4.3
K973273		<0.002	7.68	50.3	7.9	2	5.4	47.7	0.43	1.33	6.6	0.185	2.47	6.7	54	7.7
K973274		<0.002	2.74	52.0	11.0	1	3.8	34.2	0.52	0.22	10.9	0.244	3.22	4.7	69	8.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K972686		13.7	93	42.0				
K972687		7.0	>10000	26.4				1.095
K972689		14.4	700	33.0				
K972720		14.8	115	48.4				
K972721		14.8	180	30.6				
G006297		7.6	>10000	19.6	160	1.265	1.435	9.50
K972722		14.7	204	32.4				
K972395		15.2	388	28.2				
K972396		11.2	>10000	22.6			1.175	1.645
K972398		11.6	>10000	27.0				1.985
K972399		10.0	1550	26.3				
K972400		8.8	2490	21.3				
K972401		11.3	789	27.9				
K972402		12.2	>10000	23.3				1.115
K972403		9.5	>10000	19.3				1.365
G006298		11.0	8380	18.4	107		0.944	
K972404		10.1	>10000	18.6			1.850	6.07
K972406		11.2	4670	24.8				
K972497		16.2	472	28.5				
K972498		8.2	5160	14.6				
K972499		15.7	100	28.3				
L828580		10.9	58	44.6				
L828581		8.1	>10000	20.5				1.045
K271684		0.9	31	<0.5				
L828582		12.5	3050	22.9				
L828583		9.2	3760	26.1				
L828584		16.2	2240	28.1				
K972267		11.8	135	49.8				
K972268		8.2	6130	38.4	142		1.540	
K972269		10.0	390	43.6				
K973251		13.0	504	34.9				
K973252		9.6	5490	31.3				
K973253		15.3	71	37.0				
K973272		14.6	116	30.9				
K973273		9.5	3940	21.9				
K973274		10.0	642	27.7				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 5-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12026546

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026547

Project: Klaza

P.O. No.:

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973275		12.80	6.18	4830	1410	1.21	16.20	0.50	7.38	53.3	6.2	11	8.40	685	7.60	17.50
K973277		0.42	7.62	114.0	2260	1.44	0.37	2.41	0.58	55.5	7.2	12	16.40	14.1	3.43	17.20
K973295		0.10	7.34	6.4	2240	1.41	0.14	2.64	0.18	44.7	6.2	10	11.75	12.4	2.92	17.50
K973296		13.85	7.03	565	1180	1.45	17.50	1.38	17.20	53.8	8.6	9	20.1	451	4.98	15.65
G006299		>100	7.57	52.4	1650	1.23	1.68	2.35	60.9	33.5	12.4	22	2.69	4780	4.04	21.9
K973298		0.15	7.43	11.9	2270	1.58	0.22	2.47	0.31	52.6	6.0	11	19.85	8.1	3.09	17.20
K973332		5.01	7.21	48.4	1280	1.62	0.76	2.11	7.30	51.3	7.3	11	18.70	88.0	3.39	15.55
K973333		8.13	5.34	1425	770	1.36	7.36	4.57	177.0	38.6	5.6	5	12.85	215	5.68	12.95
K973334		0.24	7.10	24.6	1580	1.61	0.12	2.65	0.81	48.5	6.1	8	17.95	5.3	2.78	17.15
K973339		4.87	5.57	495	1740	1.09	10.20	0.67	19.10	37.4	20.8	8	9.49	57.4	7.60	14.25
K271707		0.04	0.06	<5	20	0.06	0.02	20.7	0.17	1.22	1.2	<1	0.16	1.6	0.47	0.24
K973340		0.66	7.76	53.3	2960	1.56	1.07	1.57	2.96	56.3	7.1	9	18.15	21.9	3.75	19.40
K973341		80.9	3.99	5630	1190	1.10	111.0	0.63	32.7	43.8	8.0	7	11.85	1400	7.82	10.40
K973343		0.24	7.47	21.8	2120	1.63	0.34	2.22	0.51	50.3	7.0	9	16.60	17.3	3.16	17.60
G006300		>100	1.36	1160	290	0.30	62.4	1.71	524	13.25	29.4	31	0.77	>10000	17.60	17.85
K973351		0.48	7.45	24.5	2240	1.54	0.40	2.25	1.97	55.4	5.8	8	16.40	41.7	3.29	16.90
K973352		55.3	5.32	>10000	1070	1.13	93.3	1.69	22.1	39.9	6.0	7	9.61	783	8.58	13.60
K973354		0.23	7.56	47.8	1360	1.58	0.20	2.78	0.31	60.6	5.5	7	27.7	9.7	2.75	16.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K973275		0.23	0.9	0.571	2.85	27.2	7.4	0.36	655	2.31	0.03	5.9	2.8	490	562	151.5
K973277		0.15	1.0	0.083	2.85	28.8	16.3	0.82	681	1.81	1.91	8.0	2.8	670	52.1	116.0
K973295		0.15	1.3	0.047	2.55	22.1	14.9	0.79	568	1.53	2.42	8.4	2.9	630	19.5	89.9
K973296		0.18	1.1	0.644	3.01	28.5	20.4	0.57	718	1.25	0.55	7.1	2.9	550	606	153.0
G006299		0.17	0.6	14.20	2.32	17.0	12.4	0.70	606	40.6	2.65	7.2	12.9	840	9630	67.8
K973298		0.17	1.3	0.062	2.93	27.0	16.4	0.72	597	1.82	2.06	8.5	2.6	630	27.3	113.0
K973332		0.15	1.4	0.226	2.51	27.7	187.0	0.87	1560	3.06	0.05	7.4	2.5	550	203	131.0
K973333		0.19	1.0	3.66	2.41	21.1	12.7	1.86	3790	5.45	0.03	5.5	2.3	390	569	150.5
K973334		0.16	1.2	0.050	2.48	24.4	150.5	0.88	939	1.05	0.06	8.0	2.2	600	40.3	95.3
K973339		0.20	1.0	0.782	2.60	19.6	31.7	0.56	1000	8.81	0.03	5.3	2.4	410	706	169.5
K271707		0.06	<0.1	0.006	0.02	0.6	1.1	12.95	217	0.20	<0.01	0.3	0.6	190	4.8	1.2
K973340		0.17	1.4	0.181	2.32	30.4	149.0	0.72	1220	2.27	0.05	7.9	2.3	650	154.0	144.5
K973341		0.18	0.8	1.245	1.73	24.4	36.5	0.31	6000	8.33	0.02	3.7	2.4	250	2750	111.5
K973343		0.16	1.7	0.072	3.07	25.2	30.4	0.79	743	1.33	1.16	8.6	2.5	610	26.0	125.0
G006300		0.98	0.6	7.10	0.42	7.5	8.0	0.85	390	38.3	0.02	1.7	64.9	410	>10000	16.1
K973351		0.19	1.6	0.079	2.96	29.1	34.4	0.81	768	1.65	0.91	8.1	2.4	610	87.7	131.0
K973352		0.22	1.0	1.070	2.54	22.1	14.5	0.66	952	11.95	0.03	5.0	2.1	400	762	175.5
K973354		0.18	1.5	0.042	2.96	33.2	37.5	0.99	762	1.94	0.06	8.4	2.5	610	19.5	141.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K973275		0.002	7.04	75.3	9.1	2	6.4	28.3	0.44	0.97	8.2	0.210	2.49	2.5	57	10.9
K973277		0.002	0.44	3.86	11.4	2	2.3	326	0.57	<0.05	10.4	0.272	1.41	3.6	77	2.2
K973295		<0.002	0.02	1.92	10.7	1	1.7	402	0.66	0.05	10.4	0.263	1.03	3.0	73	1.2
K973296		0.002	3.08	11.10	10.0	2	4.4	130.5	0.56	0.30	11.4	0.229	2.19	4.5	64	5.0
G006299		0.022	1.71	163.0	7.4	5	356	678	0.44	0.13	5.2	0.230	3.77	1.2	78	20.8
K973298		<0.002	0.07	3.35	10.7	2	2.2	343	0.67	0.16	13.2	0.260	1.49	3.6	71	2.1
K973332		<0.002	0.48	48.2	9.4	1	2.4	135.5	0.63	0.06	13.7	0.224	2.17	4.5	62	17.3
K973333		<0.002	4.62	25.8	7.4	2	4.8	72.4	0.46	0.15	9.1	0.167	2.75	5.6	48	7.6
K973334		<0.002	0.20	9.30	10.6	1	1.8	168.5	0.64	<0.05	11.6	0.245	1.82	4.8	69	4.0
K973339		<0.002	5.56	41.3	8.0	2	4.5	34.2	0.45	1.04	9.8	0.174	2.36	9.7	55	6.4
K271707		<0.002	0.01	0.11	0.3	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K973340		<0.002	0.62	31.5	12.6	2	2.3	159.5	0.62	0.06	13.4	0.250	1.93	5.9	72	7.2
K973341		<0.002	7.50	125.0	5.1	2	7.8	60.6	0.34	0.49	10.3	0.115	1.89	10.4	35	5.4
K973343		0.002	0.18	5.53	10.5	2	2.0	228	0.76	0.05	13.5	0.248	1.62	4.3	68	3.4
G006300		0.035	>10.0	273	3.1	226	110.0	41.3	0.10	0.81	1.1	0.042	35.1	4.1	59	1.9
K973351		0.002	0.25	9.23	10.5	2	2.0	194.5	0.68	<0.05	13.2	0.244	1.70	4.4	67	2.6
K973352		0.002	7.82	207	7.4	2	9.8	49.8	0.41	0.34	8.9	0.155	2.32	5.4	48	5.7
K973354		0.002	0.27	6.25	11.0	2	1.8	141.5	0.69	<0.05	13.8	0.249	2.16	5.7	68	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K973275		10.1	520	25.6				
K973277		16.3	80	29.4				
K973295		16.0	44	36.2				
K973296		13.5	1260	30.1				
G006299		11.2	7530	16.0	104			
K973298		16.2	53	36.2				
K973332		13.7	536	39.0				
K973333		10.6	>10000	28.8				1.165
K973334		15.2	93	35.4				
K973339		10.1	1300	28.3				
K271707		0.8	24	<0.5				
K973340		16.6	254	38.8				
K973341		8.5	2590	21.1				
K973343		16.9	70	48.4				
G006300		7.3	>10000	18.3	160	1.230	1.490	9.18
K973351		15.9	226	45.0				
K973352		10.6	1660	27.7				
K973354		17.5	52	43.8				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026547

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026548

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269055		0.59	7.49	28.6	870	1.64	0.26	3.51	1.15	42.5	6.2	9	22.6	8.4	3.00	16.60
K269056		46.7	5.45	478	1470	1.34	11.35	0.85	83.6	30.4	20.5	7	15.60	175.5	6.78	12.80
K269058		0.46	7.56	32.7	2230	1.62	0.14	3.40	0.34	52.2	6.2	8	22.3	11.0	2.79	17.00
K269062		0.34	7.48	22.8	1720	1.63	0.37	2.70	0.82	41.9	7.1	9	17.80	32.5	2.99	17.05
K269064		51.2	6.80	2680	1280	1.48	10.45	1.61	72.4	45.0	6.6	9	13.90	470	5.26	15.35
K269065		0.54	7.45	61.2	2050	1.47	0.57	2.65	0.85	47.2	8.3	9	16.00	7.5	2.93	16.45
G0557542		>100	7.96	43.5	1540	1.38	1.86	2.45	54.9	30.1	13.8	22	2.45	4640	3.92	23.1
K269074		1.64	7.50	18.0	2150	1.59	0.66	2.52	11.65	44.4	7.6	12	12.05	19.8	3.43	17.20
K269075		31.5	5.27	>10000	200	1.08	43.3	1.54	486	27.4	10.8	9	10.25	899	9.90	12.80
K269076		0.54	7.34	43.3	1950	1.51	0.65	2.27	2.27	48.5	7.4	9	19.55	10.0	3.01	16.45
K269077		0.32	7.54	30.2	1860	1.49	0.75	2.36	1.41	43.5	8.1	9	13.45	13.6	3.05	17.55
L828885		0.90	8.01	47.4	1080	2.04	0.80	2.42	3.85	67.1	7.6	24	16.25	26.6	3.04	20.2
L828886		>100	6.16	2700	1380	1.85	50.6	1.26	210	40.3	8.3	8	22.5	1245	5.27	15.95
L828887		3.39	7.61	158.5	1390	1.62	0.70	1.93	4.01	54.0	6.4	8	22.1	10.1	4.47	17.50
L828888		1.87	6.95	99.4	1230	1.45	1.63	1.11	4.83	42.1	10.8	8	12.00	8.8	7.69	16.20
K271746		0.03	0.10	<5	30	0.07	0.04	21.3	0.10	1.41	1.2	1	0.23	2.2	0.43	0.34
L828889		49.7	3.84	593	550	0.81	55.1	0.49	36.9	17.80	31.6	11	5.03	254	11.05	10.60
L828890		0.35	7.86	9.9	890	2.01	0.25	3.39	0.22	50.2	7.0	11	25.4	7.7	2.61	19.65
L828908		0.41	7.39	12.6	1960	1.69	0.54	2.72	0.58	42.4	8.1	22	21.3	7.0	3.04	16.65
L828909		33.8	5.01	2510	470	1.05	34.4	1.37	182.5	33.7	5.7	21	9.99	516	5.82	11.80
L828910		0.27	6.98	16.7	990	1.26	0.36	1.76	0.53	46.4	6.8	21	17.25	11.9	2.74	15.70
L828947		9.46	6.83	1395	4740	1.49	8.88	1.50	12.20	43.4	8.3	7	16.70	36.6	4.13	16.00
L828949		21.9	6.28	3190	1070	1.47	6.46	1.18	40.2	39.6	7.5	8	11.85	82.1	5.90	16.35
L828950		0.33	7.61	30.8	1980	1.54	0.32	2.47	0.70	40.9	7.8	8	23.0	17.3	2.86	17.90
K973399		0.24	7.23	22.4	2040	1.56	0.12	2.80	0.34	40.2	7.0	12	15.40	5.7	2.96	16.65
K973400		76.5	5.14	252	650	1.18	0.89	6.38	257	42.9	7.9	6	14.65	157.0	4.36	11.20
G0557543		>100	1.39	946	260	0.30	60.1	1.84	516	12.45	27.8	32	0.75	>10000	17.30	18.25
K973402		0.31	7.77	9.5	2060	1.71	0.14	2.76	0.65	46.6	8.1	10	13.20	18.0	3.21	18.00
K973413		0.52	7.93	30.5	1120	1.65	0.24	2.59	0.84	51.2	7.1	10	24.7	4.5	2.70	17.55
K973414		36.0	6.43	283	400	1.35	11.00	2.05	42.5	35.9	48.9	9	14.75	171.5	6.50	14.85
K973416		0.95	7.17	10.4	2100	1.52	0.34	2.71	0.69	45.0	8.7	10	13.10	7.7	3.21	16.70
K973425		0.27	7.00	5.2	2190	1.53	0.14	2.66	0.24	43.7	7.3	13	10.05	7.6	3.10	16.95
K973426		14.00	6.50	1905	1660	1.51	2.59	2.51	127.5	46.4	6.9	8	21.1	186.0	3.31	16.10
K973427		0.42	6.99	60.2	2110	1.52	0.18	2.44	2.49	50.6	7.4	14	11.30	14.1	3.32	17.25
K973436		0.86	7.10	7.6	2100	1.59	0.16	2.65	0.33	48.9	7.4	11	10.00	11.0	3.08	17.25
K973437		64.5	5.59	1070	2880	1.49	37.8	1.86	95.3	40.0	35.4	7	14.25	371	6.32	13.25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269055		0.08	3.3	0.052	3.26	20.6	38.3	1.07	701	1.01	0.07	8.9	4.1	780	47.6	100.5
K269056		0.11	1.3	2.13	2.28	14.3	51.7	0.44	2090	7.40	0.04	5.4	2.7	420	2810	140.5
K269058		0.10	3.4	0.070	2.64	24.7	227	1.12	761	1.20	0.06	9.0	4.4	750	24.0	113.5
K269062		0.14	1.3	0.051	3.07	20.0	69.4	0.63	1080	1.37	1.03	7.8	2.2	570	70.9	117.0
K269064		0.17	1.3	1.810	2.83	23.5	15.6	0.66	3560	1.04	0.02	6.9	2.6	500	>10000	177.0
K269065		0.15	1.2	0.060	3.10	24.3	15.4	0.87	2140	1.04	0.02	7.6	2.2	540	42.2	179.0
G0557542		0.18	0.6	12.75	2.26	15.0	11.6	0.71	601	40.2	2.59	7.4	11.4	830	9340	73.0
K269074		0.16	1.4	0.126	2.80	21.8	24.2	0.78	850	1.39	1.75	8.3	2.5	620	680	119.0
K269075		0.24	1.0	20.2	2.53	12.6	14.5	0.50	2400	1.75	0.11	5.5	1.6	390	1305	144.5
K269076		0.15	1.2	0.080	2.82	26.1	115.5	0.76	1200	1.07	0.14	7.4	2.2	500	72.6	150.0
K269077		0.18	1.3	0.101	2.84	21.7	64.7	0.91	641	1.33	0.83	7.3	2.4	550	28.9	136.0
L828885		0.20	4.6	0.132	2.64	33.4	360	1.07	676	1.40	0.05	11.9	7.6	1350	43.9	101.0
L828886		0.18	2.4	4.00	1.84	20.2	61.4	0.62	1520	2.50	0.08	7.7	3.6	540	>10000	102.5
L828887		0.19	1.2	0.107	3.13	28.7	20.7	0.93	1510	2.03	0.03	7.6	2.2	590	231	188.5
L828888		0.23	1.0	0.122	3.08	21.7	26.5	0.87	2190	2.02	0.03	4.8	2.2	530	259	187.0
K271746		0.10	<0.1	<0.005	0.03	0.6	1.4	13.20	190	0.07	0.01	0.4	1.8	200	2.7	1.9
L828889		0.27	0.8	1.395	1.66	9.1	26.4	0.32	1140	4.88	0.02	3.3	3.2	290	479	108.0
L828890		0.17	3.7	0.036	3.00	25.1	146.5	1.11	793	0.98	0.05	10.9	4.1	750	17.8	131.5
L828908		0.16	1.2	0.051	2.71	20.8	84.5	0.65	745	3.01	1.43	8.3	2.3	570	26.6	118.0
L828909		0.18	0.7	3.95	2.15	16.9	22.7	0.52	2100	8.08	0.02	4.6	1.5	350	4470	134.5
L828910		0.16	1.1	0.046	2.49	24.4	129.5	0.62	677	5.54	0.04	7.3	2.4	530	28.9	125.5
L828947		0.17	1.1	0.223	2.82	20.6	20.1	0.56	2420	2.03	<0.01	6.0	2.1	470	1700	175.0
L828949		0.20	1.0	0.678	2.72	20.4	17.9	0.50	2360	6.34	0.02	6.3	2.4	460	4920	173.0
L828950		0.17	1.3	0.061	2.77	19.3	214	0.70	854	0.65	0.25	8.7	2.2	620	53.4	103.5
K973399		0.18	1.4	0.043	2.89	19.2	15.3	0.65	908	1.49	1.64	8.4	2.4	560	39.7	113.0
K973400		0.17	0.9	0.927	2.42	24.5	24.6	1.05	3810	1.50	0.04	5.4	1.6	380	>10000	152.5
G0557543		1.13	0.7	7.01	0.41	6.8	8.0	0.85	393	39.1	0.02	1.8	52.5	390	>10000	17.1
K973402		0.15	1.5	0.054	2.72	22.3	16.4	0.69	766	1.31	1.75	8.9	2.7	710	48.3	108.0
K973413		0.15	1.2	0.048	3.02	26.0	63.5	0.84	884	0.82	0.07	8.6	2.2	600	65.5	139.5
K973414		0.18	1.0	0.702	3.10	18.5	29.6	0.63	1130	0.70	0.09	7.1	3.1	510	9460	146.0
K973416		0.14	1.2	0.045	2.93	22.7	10.9	0.79	671	1.01	1.91	8.3	2.3	630	260	111.5
K973425		0.14	1.2	0.057	2.85	21.8	11.1	0.70	698	0.91	2.18	8.7	2.8	580	55.2	111.0
K973426		0.14	1.0	2.76	3.28	24.9	24.6	0.68	2350	0.53	0.46	7.8	2.1	510	2350	160.0
K973427		0.13	1.2	0.079	2.74	26.5	15.5	0.79	726	1.12	2.15	8.7	2.8	560	79.5	119.0
K973436		0.16	1.2	0.072	2.70	25.5	14.1	0.76	664	4.97	2.04	8.4	2.6	570	24.2	114.5
K973437		0.23	0.9	8.11	2.64	21.8	24.7	0.61	1940	1.64	0.24	6.1	2.3	420	>10000	151.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269055		<0.002	0.22	13.40	6.6	1	1.5	378	0.72	0.12	7.5	0.292	2.11	5.0	73	3.7
K269056		<0.002	6.08	39.3	6.9	1	5.6	114.0	0.46	0.39	7.9	0.174	2.16	3.5	50	5.1
K269058		0.004	0.33	7.06	7.1	1	2.1	410	0.82	0.10	9.2	0.280	2.38	5.5	69	5.8
K269062		<0.002	0.45	5.30	9.2	1	2.0	261	0.66	0.24	11.6	0.249	2.22	4.2	68	3.4
K269064		<0.002	3.40	78.1	9.4	1	4.9	120.0	0.56	0.10	12.5	0.227	2.91	4.3	58	5.5
K269065		<0.002	1.40	7.90	10.7	1	1.8	150.5	0.60	0.10	13.2	0.239	3.27	5.5	63	5.9
G0557542		0.018	1.57	154.0	7.9	4	389	704	0.41	0.10	5.2	0.242	3.40	1.2	76	18.1
K269074		<0.002	0.84	2.70	11.4	1	2.4	738	0.69	0.19	13.3	0.260	1.67	4.4	69	3.0
K269075		<0.002	>10.0	90.6	7.5	5	3.5	82.8	0.45	0.67	8.8	0.176	2.25	4.0	47	3.3
K269076		<0.002	1.32	14.30	10.5	1	2.5	197.5	0.61	0.15	14.0	0.236	2.37	4.7	62	3.8
K269077		<0.002	1.41	5.85	10.2	1	1.8	280	0.58	0.14	12.2	0.227	1.80	4.5	62	3.2
L828885		<0.002	0.17	22.6	7.2	1	2.3	634	0.74	<0.05	9.1	0.371	1.33	3.5	66	2.6
L828886		<0.002	4.81	466	7.5	2	13.3	401	0.59	0.24	8.3	0.233	1.65	4.7	53	4.3
L828887		<0.002	1.51	11.55	11.8	1	3.5	162.0	0.60	0.19	13.7	0.248	2.90	4.8	66	5.8
L828888		<0.002	4.25	9.74	9.8	1	4.9	73.5	0.39	0.23	12.8	0.175	2.55	4.1	57	8.1
K271746		<0.002	0.02	0.14	0.3	1	<0.2	52.1	<0.05	<0.05	<0.2	0.014	<0.02	0.7	1	0.1
L828889		<0.002	>10.0	65.2	5.6	2	6.8	48.4	0.25	0.74	5.2	0.110	1.30	3.6	43	3.7
L828890		<0.002	0.10	18.20	8.1	1	1.4	431	0.80	<0.05	9.8	0.305	2.10	5.7	68	3.4
L828908		<0.002	0.77	7.68	10.6	1	1.6	315	0.71	<0.05	12.7	0.254	1.41	4.6	66	1.6
L828909		0.002	5.87	47.0	7.5	2	8.4	50.7	0.35	0.28	9.4	0.146	2.09	8.8	43	3.6
L828910		0.002	1.12	27.3	10.3	1	2.3	169.5	0.61	0.08	12.9	0.235	1.74	10.7	65	4.4
L828947		<0.002	3.79	24.9	9.8	1	4.1	139.0	0.52	0.20	12.3	0.200	2.92	5.6	57	4.4
L828949		<0.002	5.30	56.3	9.2	1	6.2	61.7	0.51	0.23	11.1	0.210	2.66	4.9	56	6.2
L828950		<0.002	0.35	13.70	10.5	1	2.0	240	0.67	0.06	11.9	0.272	1.73	3.3	70	2.7
K973399		<0.002	0.08	4.12	10.1	1	1.6	306	0.69	<0.05	11.3	0.257	1.51	4.1	66	1.7
K973400		<0.002	3.53	80.8	7.6	2	2.6	160.0	0.45	0.05	8.9	0.173	2.12	5.6	47	2.3
G0557543		0.031	>10.0	268	2.8	232	115.5	43.9	0.10	0.86	1.1	0.053	32.6	4.1	58	1.8
K973402		<0.002	0.09	8.98	11.7	1	1.9	290	0.75	<0.05	13.0	0.285	1.30	4.6	80	2.6
K973413		<0.002	0.32	11.85	11.2	1	1.7	173.0	0.70	0.06	14.4	0.266	2.04	5.0	68	3.3
K973414		<0.002	5.31	37.9	10.3	2	2.0	89.7	0.59	3.13	11.9	0.215	2.20	4.3	62	6.0
K973416		<0.002	0.31	3.68	11.6	1	1.7	329	0.67	0.13	11.7	0.272	1.47	3.7	77	1.7
K973425		<0.002	0.04	2.09	10.7	1	1.7	349	0.75	0.06	12.2	0.251	1.30	4.4	68	1.4
K973426		<0.002	1.48	39.5	10.5	1	2.4	140.0	0.65	0.10	13.2	0.218	2.52	5.1	59	2.7
K973427		<0.002	0.21	3.42	11.4	1	1.8	347	0.72	0.06	14.1	0.247	1.19	4.6	66	1.7
K973436		<0.002	0.09	2.10	11.5	<1	1.8	319	0.70	0.08	13.1	0.251	1.28	4.5	68	9.6
K973437		<0.002	5.53	55.3	9.0	2	2.7	107.0	0.49	0.63	10.7	0.181	2.17	5.5	52	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K269055		12.6	146	123.0				
K269056		9.7	6170	44.9				
K269058		13.6	78	125.0				
K269062		14.2	97	34.9				
K269064		12.0	5230	33.4			1.160	
K269065		14.0	98	31.7				
G0557542		11.5	7510	14.9	105			
K269074		16.2	1350	34.0				
K269075		10.3	>10000	24.2				5.18
K269076		13.8	226	30.9				
K269077		13.8	166	33.7				
L828885		11.7	315	172.5				
L828886		11.8	>10000	76.3	226		1.050	1.485
L828887		14.3	353	28.4				
L828888		9.8	412	24.0				
K271746		0.9	19	<0.5				
L828889		7.1	2470	23.7				
L828890		14.8	66	126.0				
L828908		15.4	79	28.9				
L828909		9.1	>10000	17.5				1.215
L828910		14.5	70	25.4				
L828947		11.1	866	26.0				
L828949		10.0	2630	24.6				
L828950		14.8	84	31.5				
K973399		15.0	61	33.8				
K973400		12.9	>10000	21.0			2.48	1.725
G0557543		7.4	>10000	18.0	159	1.295	1.525	9.45
K973402		17.7	135	35.6				
K973413		15.9	115	29.4				
K973414		12.1	2780	27.8				
K973416		15.3	81	34.2				
K973425		15.2	53	32.9				
K973426		14.5	8530	28.9				
K973427		17.3	248	34.0				
K973436		16.8	57	34.3				
K973437		13.0	9100	24.6			1.935	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026548

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026549

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269078		54.2	6.22	218	510	1.41	48.3	1.63	148.0	44.8	7.0	6	18.10	803	4.94	15.10
K269080		0.31	7.55	24.1	2300	1.38	0.55	2.54	1.27	50.3	7.6	9	20.6	30.4	2.96	17.60
K269088		0.18	7.61	12.8	2840	1.58	0.31	2.47	0.41	49.2	7.5	9	21.5	25.1	2.96	18.15
K269089		19.85	6.81	1400	640	1.63	9.42	2.23	75.3	45.9	7.2	7	21.0	247	4.75	16.50
K269091		5.03	7.65	1055	2090	1.56	4.71	2.70	37.1	50.2	7.7	9	15.70	113.5	3.43	17.50
K269108		0.26	7.86	66.8	1230	2.33	0.28	2.72	0.57	56.5	7.6	23	37.2	21.4	2.40	22.5
K269109		23.2	5.48	>10000	590	1.20	0.76	0.81	197.0	27.1	6.3	8	11.25	83.1	5.82	13.05
K269110		3.55	7.38	909	410	1.54	0.80	1.72	12.30	52.9	8.2	7	19.10	18.8	3.43	17.80
G0557544		>100	1.47	1210	140	0.26	62.6	1.90	542	12.70	32.1	31	0.86	>10000	18.25	18.55
K269111		0.54	7.52	31.7	3320	1.49	0.42	2.64	1.45	48.9	7.9	10	19.00	36.1	3.01	17.90
L828717		0.40	7.55	104.0	1930	2.17	1.39	1.47	2.74	45.7	5.5	7	29.7	9.8	2.66	17.75
L828718		8.01	5.93	729	260	1.42	0.99	4.01	114.0	40.5	5.8	4	19.40	110.5	5.26	14.00
L828720		1.03	6.73	129.5	1380	1.47	0.08	2.60	4.41	44.4	6.6	7	23.5	14.6	2.85	16.00
L828761		1.84	7.58	27.5	2120	1.47	0.21	2.68	19.35	48.2	9.7	11	12.95	12.8	3.10	17.25
L828762		58.3	6.48	2510	280	1.57	37.4	2.79	161.5	45.3	7.8	7	21.3	519	5.75	14.90
L828763		0.30	7.57	22.4	2070	1.61	0.16	2.64	0.78	46.6	6.3	10	18.60	9.0	2.97	18.05
L828823		0.23	7.59	11.7	2240	1.63	0.21	2.54	1.18	50.5	8.1	11	11.95	8.0	3.21	17.95
L828824		>100	6.30	1620	270	1.49	11.25	2.66	96.0	42.3	8.1	7	15.20	274	4.93	14.95
L828826		0.33	7.44	18.1	2140	1.61	0.10	2.65	0.23	49.2	7.3	10	19.95	6.8	3.06	17.55
G0557545		>100	7.84	56.8	1590	1.41	1.42	2.50	60.9	30.3	14.6	21	2.78	4890	4.03	22.6
L828839		0.14	6.94	14.2	2140	1.64	0.34	2.71	0.15	38.9	7.5	12	10.65	7.2	2.92	15.60
L828840		13.25	6.89	174.5	1010	1.83	6.31	2.21	68.0	47.8	5.4	7	20.4	58.8	4.20	16.20
L828841		0.34	7.24	15.1	2160	1.87	0.39	2.87	0.35	42.9	9.2	10	13.45	9.3	3.18	17.00
L828848		0.19	7.39	17.3	2070	1.97	0.19	2.67	1.06	46.7	6.7	10	13.90	12.9	3.01	16.75
L828849		3.10	7.01	1650	450	1.94	0.74	3.19	50.0	46.8	5.9	7	23.0	30.1	4.06	15.15
L828850		0.20	7.61	19.2	1990	1.54	0.17	2.29	0.38	41.3	7.0	7	15.35	12.3	3.87	16.25
K269119		0.04	0.10	32	30	0.05	0.04	22.2	0.11	1.19	0.9	3	0.34	3.4	0.51	0.27
L828851		1.30	7.19	436	1610	1.69	0.67	2.98	13.55	53.9	6.9	7	24.2	23.5	3.37	16.70
L828852		0.50	7.52	33.0	2610	1.39	0.23	1.98	7.20	51.4	6.9	5	26.9	17.5	3.05	16.65
L828853		9.39	5.73	1400	1020	1.18	4.70	2.75	70.9	42.5	10.1	4	12.45	108.0	4.75	13.20
L828854		0.23	6.73	12.2	2190	1.45	0.95	2.90	0.26	43.2	6.4	7	9.91	4.0	2.51	16.85
L828861		0.67	6.77	211	1000	1.58	0.14	2.74	0.57	46.0	6.5	5	23.9	87.2	2.89	15.70
L828862		11.10	6.73	1775	750	1.61	13.55	2.01	40.6	50.0	7.4	6	21.5	134.5	4.71	15.00
L828864		0.15	7.60	9.4	2170	1.48	0.32	1.96	0.21	54.8	11.0	6	15.60	15.3	3.01	17.25
L828883		0.27	7.73	19.6	1160	1.97	0.18	1.62	0.39	73.9	6.1	14	22.1	10.6	2.56	20.4
L828884		49.2	3.37	4580	580	0.91	38.3	1.49	406	23.6	6.4	5	15.30	869	8.14	8.12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269078		0.21	1.0	4.03	2.75	24.1	31.5	0.75	2440	3.92	0.03	6.6	2.3	450	>10000	162.5
K269080		0.22	1.2	0.077	2.90	25.7	22.9	0.77	691	1.31	1.72	8.8	2.5	590	42.0	130.0
K269088		0.24	1.4	0.051	3.03	24.0	52.6	0.73	853	7.93	1.79	9.3	2.9	590	31.5	132.5
K269089		0.25	1.3	1.235	2.59	23.5	240	0.76	3020	7.94	0.03	7.8	2.4	550	5690	147.0
K269091		0.24	1.3	0.533	3.04	25.0	21.7	0.73	764	1.22	1.80	8.9	2.5	590	445	128.0
K269108		0.26	3.7	0.036	2.86	27.3	112.5	0.98	589	1.27	0.06	11.3	18.7	820	22.3	114.5
K269109		0.23	0.9	1.025	2.43	12.2	23.3	0.34	1400	1.40	0.02	5.8	2.6	390	8630	139.0
K269110		0.21	1.3	0.200	3.34	27.3	18.2	0.67	2300	2.80	0.03	8.7	2.6	570	1535	212
G0557544		1.08	0.6	7.73	0.45	6.9	6.8	0.90	415	40.4	0.02	2.0	61.6	420	>10000	17.0
K269111		0.21	1.4	0.060	3.63	24.6	39.7	0.67	941	1.26	0.85	8.4	2.7	570	93.7	171.0
L828717		0.22	1.4	0.090	3.71	22.2	37.4	0.36	1100	1.35	0.10	9.5	2.2	590	82.0	187.0
L828718		0.22	1.1	0.331	2.65	21.2	15.8	1.08	4660	6.84	0.03	7.0	1.7	450	758	152.0
L828720		0.20	1.2	0.050	2.88	22.3	21.6	0.81	1360	2.42	0.04	8.0	2.5	520	70.0	141.0
L828761		0.25	1.4	0.113	3.16	25.2	14.3	0.83	950	1.01	1.41	8.6	3.1	580	771	154.5
L828762		0.25	1.1	2.73	2.80	24.2	19.8	0.95	1990	2.44	0.03	7.1	2.2	480	>10000	154.5
L828763		0.24	1.5	0.064	3.03	22.6	11.3	0.69	776	1.32	1.79	9.1	2.8	600	82.1	128.5
L828823		0.28	1.4	0.061	3.00	24.6	16.1	0.85	709	1.03	2.17	8.9	3.0	600	48.2	116.0
L828824		0.26	1.0	3.32	2.98	21.9	18.2	0.91	3720	1.60	0.05	7.1	2.3	490	>10000	161.5
L828826		0.25	1.3	0.043	3.28	23.8	27.3	0.71	596	0.91	1.64	8.8	2.8	590	28.1	137.0
G0557545		0.26	0.6	14.40	2.37	15.2	13.5	0.72	609	40.6	2.63	7.8	13.2	860	9680	69.4
L828839		0.08	1.2	0.041	2.84	19.3	10.4	0.48	517	0.90	1.96	7.9	2.5	590	18.0	96.9
L828840		0.09	1.3	2.03	3.20	25.7	42.9	0.65	2550	5.15	0.41	7.5	2.6	510	3080	150.0
L828841		0.10	1.3	0.051	2.89	22.7	13.7	0.54	594	1.30	1.71	8.4	2.8	560	33.7	126.5
L828848		0.09	1.6	0.050	2.91	23.6	18.8	0.68	684	2.41	1.99	8.9	2.5	550	41.0	110.5
L828849		0.09	1.4	0.865	2.99	25.0	18.1	1.14	3990	2.73	0.07	7.5	2.5	520	136.5	145.0
L828850		0.09	1.5	0.049	3.17	20.3	70.8	0.70	1220	2.47	0.11	8.5	2.4	600	40.8	112.0
K269119		0.06	<0.1	0.010	0.04	0.6	1.3	13.10	227	0.06	0.01	0.2	4.0	190	7.0	2.1
L828851		0.10	1.4	0.297	2.93	29.6	27.2	1.01	2200	2.86	0.03	8.0	2.5	520	110.5	154.5
L828852		0.14	1.4	0.251	2.88	27.4	15.0	0.77	946	2.19	0.03	7.9	2.4	550	122.5	136.5
L828853		0.15	1.0	3.53	2.39	22.7	23.5	0.93	2260	3.16	0.02	5.7	2.2	410	1465	156.0
L828854		0.14	1.0	0.058	2.33	20.7	94.0	0.80	685	0.19	0.86	7.3	1.8	560	14.2	97.0
L828861		0.15	1.0	0.101	2.75	23.6	37.0	0.90	1280	1.48	0.03	7.2	2.3	550	22.4	129.5
L828862		0.17	1.0	0.775	2.64	27.6	64.4	0.77	1860	4.32	0.03	6.8	2.3	510	478	158.5
L828864		0.15	1.4	0.054	2.94	28.4	36.3	0.77	586	1.35	0.67	8.4	2.4	600	23.1	133.5
L828883		0.18	4.4	0.032	2.55	39.3	233	0.76	566	3.21	0.04	10.9	5.4	1130	27.3	103.0
L828884		0.18	1.0	11.30	1.08	11.8	51.1	0.60	1240	29.4	0.02	3.7	2.8	320	1840	67.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269078		<0.002	3.17	179.5	9.4	2	5.1	112.0	0.52	0.24	12.1	0.195	2.85	4.4	54	6.8
K269080		<0.002	0.79	4.37	12.0	2	2.1	380	0.68	0.16	14.3	0.254	1.65	4.5	70	1.9
K269088		<0.002	0.57	5.31	11.9	2	1.9	361	0.76	0.13	14.0	0.252	1.79	4.7	69	2.0
K269089		<0.002	3.05	49.9	12.0	2	5.3	160.5	0.65	0.13	12.7	0.227	2.69	7.2	69	6.3
K269091		<0.002	1.03	7.02	12.0	2	2.7	339	0.73	0.08	13.9	0.247	1.54	4.7	70	3.1
K269108		<0.002	0.13	14.50	7.7	2	2.6	558	0.86	0.18	10.7	0.296	2.68	5.3	56	2.5
K269109		<0.002	5.42	120.5	8.3	2	7.5	123.5	0.49	0.12	8.5	0.174	2.69	3.1	48	6.3
K269110		<0.002	2.29	27.3	12.2	2	3.0	118.0	0.71	0.16	14.7	0.245	3.57	5.1	71	6.7
G0557544		0.035	>10.0	283	2.9	242	118.5	43.5	0.10	0.86	1.1	0.043	36.2	4.1	62	1.9
K269111		<0.002	0.82	6.92	11.5	2	2.1	325	0.67	0.12	14.2	0.236	2.49	4.3	65	2.3
L828717		<0.002	0.16	13.25	12.0	2	2.6	137.0	0.75	<0.05	13.2	0.252	2.29	3.4	70	3.2
L828718		<0.002	3.21	23.8	9.0	2	2.8	96.1	0.57	0.05	9.8	0.186	2.66	4.0	55	4.1
L828720		<0.002	0.57	10.50	10.8	1	1.8	91.9	0.65	<0.05	11.6	0.225	2.89	3.7	64	5.5
L828761		<0.002	0.38	7.87	12.0	2	2.0	232	0.70	0.19	14.1	0.242	1.84	4.9	67	2.0
L828762		<0.002	4.85	95.2	10.1	3	3.5	96.0	0.57	0.28	11.9	0.204	2.86	4.1	57	4.5
L828763		<0.002	0.13	4.93	12.0	2	2.0	290	0.73	0.06	13.3	0.250	1.58	4.6	69	3.0
L828823		<0.002	0.09	2.35	12.3	2	1.8	369	0.70	0.07	13.0	0.254	1.33	4.1	73	1.3
L828824		<0.002	3.52	147.5	10.0	2	3.7	90.9	0.55	0.11	11.3	0.203	2.96	3.8	57	4.3
L828826		<0.002	0.26	4.70	12.2	2	1.9	305	0.71	0.11	13.2	0.251	1.97	4.1	69	2.2
G0557545		0.020	1.73	159.0	8.5	5	343	713	0.43	0.15	5.2	0.231	3.67	1.1	80	20.0
L828839		<0.002	0.36	4.33	8.9	1	1.9	252	0.60	0.12	9.9	0.260	1.60	4.0	72	2.0
L828840		<0.002	1.67	33.5	10.1	1	2.7	144.0	0.61	0.10	12.1	0.229	2.44	5.5	63	2.5
L828841		0.002	0.36	4.28	10.4	1	2.0	237	0.63	0.25	11.8	0.243	1.78	4.4	67	2.1
L828848		<0.002	0.05	2.29	10.0	1	1.7	334	0.78	<0.05	13.8	0.246	1.47	5.4	66	1.6
L828849		<0.002	1.42	16.25	9.6	1	2.5	110.5	0.60	<0.05	11.3	0.226	3.17	5.1	63	7.0
L828850		<0.002	0.19	12.30	10.3	1	2.1	124.5	0.67	<0.05	11.8	0.259	2.23	3.9	70	5.6
K269119		<0.002	0.02	0.21	0.2	<1	<0.2	49.3	<0.05	0.05	<0.2	<0.005	0.02	0.4	2	0.1
L828851		<0.002	1.03	22.6	10.1	1	2.6	115.0	0.65	<0.05	13.3	0.229	3.49	5.1	63	7.5
L828852		<0.002	0.40	10.70	9.8	1	1.9	149.5	0.67	0.05	13.1	0.240	2.77	5.3	65	5.8
L828853		<0.002	3.64	40.4	7.6	1	6.3	125.0	0.47	0.33	9.6	0.173	2.49	5.0	48	4.7
L828854		<0.002	0.50	5.89	9.2	1	1.9	122.5	0.58	0.48	9.4	0.233	1.69	3.3	61	2.5
L828861		<0.002	0.43	19.90	9.5	1	1.7	116.5	0.56	<0.05	10.3	0.231	2.74	4.8	63	4.2
L828862		<0.002	2.60	42.1	9.2	1	2.8	113.0	0.52	0.13	11.5	0.222	2.65	4.5	59	4.2
L828864		<0.002	0.40	5.41	10.6	1	1.9	192.5	0.71	0.10	13.4	0.256	1.68	4.5	70	2.0
L828883		<0.002	0.08	13.75	5.6	1	2.0	626	0.74	0.05	9.9	0.324	1.28	4.4	54	3.0
L828884		<0.002	9.10	218	3.8	3	12.5	193.0	0.27	0.27	4.9	0.113	1.14	4.5	27	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K269078		11.6	9770	30.3			1.120	
K269080		16.2	128	41.0				
K269088		16.9	62	43.7				
K269089		14.4	4500	36.8				
K269091		17.1	2270	39.3				
K269108		13.6	87	132.5				
K269109		8.6	>10000	27.1				1.205
K269110		13.3	881	39.5				
G0557544		7.5	>10000	21.3	164	1.270	1.470	9.21
K269111		15.3	251	42.9				
L828717		17.5	249	41.1				
L828718		13.4	6880	30.3				
L828720		14.6	378	35.8				
L828761		15.5	1320	41.3				
L828762		12.3	>10000	34.2			1.150	1.110
L828763		16.4	121	41.4				
L828823		16.8	121	41.6				
L828824		10.7	6220	28.9	116		1.020	
L828826		15.5	55	35.9				
G0557545		11.1	7720	17.0	106			
L828839		14.0	46	31.4				
L828840		14.4	4350	33.1				
L828841		16.3	64	34.6				
L828848		17.1	104	40.1				
L828849		15.3	3120	35.5				
L828850		17.0	79	37.5				
K269119		0.9	18	<0.5				
L828851		15.5	816	38.2				
L828852		15.2	458	38.2				
L828853		10.2	4720	24.8				
L828854		13.6	61	26.6				
L828861		14.1	63	27.8				
L828862		13.7	2770	26.7				
L828864		16.7	52	35.7				
L828883		10.5	125	167.5				
L828884		6.1	>10000	34.4				2.78

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026549

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026720

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

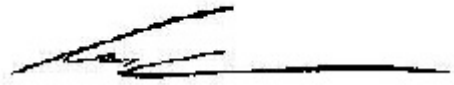
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K272419		2.47	7.75	80.7	1160	1.54	1.47	1.61	6.00	55.3	13.7	12	14.90	13.7	3.92	17.20
K272420		76.0	3.94	1485	640	0.89	35.7	1.46	17.85	19.65	39.1	9	6.23	1510	7.21	9.62
K272422		>100	7.44	464	1870	2.00	1.52	2.35	59.5	65.8	6.0	16	19.65	324	3.05	17.15
K272423		1.86	7.81	50.7	2130	1.99	0.21	3.00	1.34	59.9	7.6	18	21.6	15.2	2.73	18.85
K272478		12.00	6.67	466	400	1.07	5.44	0.90	6.27	47.1	10.9	10	6.11	368	6.77	16.45
K272479		>100	2.35	>10000	290	0.54	45.6	3.57	686	15.45	4.0	6	4.50	6940	9.41	6.33
K272481		1.02	6.69	31.7	1480	1.69	0.25	3.16	0.96	53.3	6.2	16	16.20	25.6	2.51	16.55
K271423		1.11	0.09	55	20	0.06	0.24	21.8	3.13	1.40	1.2	<1	0.21	31.4	0.46	0.31
K272521		0.25	7.23	60.5	2020	1.58	0.16	2.17	1.41	48.7	7.3	11	9.65	27.0	3.30	16.55
K272522		20.9	6.69	6200	240	1.17	5.30	0.61	72.7	42.2	9.1	10	8.25	276	8.03	15.65
K272523		0.69	7.68	163.5	1730	1.48	0.42	1.22	16.60	63.0	9.6	14	13.30	20.2	4.00	17.10
K272524		0.51	7.42	104.0	1140	1.98	0.21	2.85	1.50	61.3	7.1	19	18.20	8.5	2.83	17.55
K272525		21.5	5.33	1060	520	1.04	5.46	1.39	32.5	28.3	14.7	9	9.34	173.0	6.46	12.85
K272526		0.54	7.52	229	1140	1.75	0.43	2.57	1.38	51.4	7.2	18	19.70	29.3	3.08	17.80
K272527		0.49	6.90	58.9	2350	1.70	0.12	3.01	0.50	57.4	6.6	17	17.30	7.4	2.70	16.35
K272528		0.20	6.85	33.6	1500	1.85	0.15	2.75	0.13	55.2	6.9	17	16.25	8.9	2.48	17.30
G0557546		>100	7.64	47.7	1570	1.45	1.62	2.53	54.9	31.6	13.1	21	2.60	4730	4.05	20.7
K272529		74.0	5.50	>10000	330	1.21	7.04	1.64	249	28.9	7.6	9	11.75	425	9.13	15.05
K272530		9.21	3.19	1115	370	0.65	13.40	1.36	3.52	21.2	8.7	11	6.02	28.2	10.55	7.66
K272531		14.25	3.80	859	280	0.39	21.0	0.45	5.78	12.15	9.4	10	3.08	53.6	18.15	8.99
K272533		4.11	7.05	267	870	1.45	2.65	2.14	12.85	50.4	6.9	29	8.62	45.1	4.70	15.65
K272607		1.18	6.66	110.5	1670	1.67	0.60	2.56	2.88	45.2	7.2	13	17.25	17.1	4.00	15.50
K272608		27.2	6.29	1555	1190	1.46	20.6	2.28	66.4	41.5	21.4	8	13.50	623	8.05	13.75
K272610		0.63	6.84	25.6	2240	1.52	1.57	3.07	0.34	41.5	8.2	13	13.45	9.6	3.62	16.00
K272664		0.25	6.87	16.1	2190	1.60	0.22	2.80	0.27	46.9	7.7	15	9.88	36.1	3.00	15.80
K272665		24.3	6.11	3300	1160	1.42	31.7	2.90	21.4	47.4	10.2	10	13.50	111.0	6.34	13.90
K272666		0.29	7.39	21.7	1490	1.40	0.25	2.19	0.27	39.3	7.0	9	15.75	11.1	2.82	16.90
K270108		1.42	7.24	246	970	1.65	0.31	2.71	12.30	53.3	7.3	9	21.0	16.9	3.50	15.70
K270109		22.5	6.43	1980	440	1.34	12.00	1.14	56.9	44.6	18.8	8	7.09	203	6.43	14.55
K270110		>100	0.65	5460	60	0.10	2560	0.80	160.0	4.92	101.0	6	0.61	2600	33.1	2.35
G0557547		>100	1.35	1090	250	0.34	46.9	1.81	495	12.95	31.0	30	0.76	>10000	17.45	18.70
K270112		>100	4.47	9670	520	0.84	116.5	4.14	217	37.1	14.3	8	7.08	1495	8.76	10.45
K270113		0.93	7.20	37.4	1490	2.02	0.78	2.91	0.59	59.2	7.3	17	17.85	16.6	2.56	18.35
K270114		3.26	6.72	613	1690	1.74	2.50	3.40	4.07	48.3	7.7	7	19.75	129.0	2.99	14.65
K270115		49.8	3.56	>10000	590	0.68	21.2	0.96	130.0	25.8	21.4	9	7.55	502	13.00	8.09
K270117		0.75	7.32	26.8	1980	1.57	1.27	2.52	1.46	49.5	8.6	10	11.50	12.5	3.35	16.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K272419		0.19	1.3	0.128	2.78	29.3	21.5	0.61	2230	2.98	0.15	8.6	3.6	590	484	148.5
K272420		0.20	0.7	1.005	1.67	10.6	21.5	0.50	1360	29.0	0.02	4.3	2.7	300	1530	103.0
K272422		0.18	2.8	0.536	2.11	33.4	40.3	0.84	1340	2.85	0.06	10.8	4.4	930	>10000	98.6
K272423		0.18	3.6	0.035	3.08	30.1	41.6	1.12	771	1.38	0.04	10.6	6.4	1100	198.0	154.5
K272478		0.18	1.0	0.416	3.21	24.8	7.8	0.48	977	1.93	0.04	6.8	3.0	510	912	198.5
K272479		0.18	0.5	2.61	0.93	8.1	37.5	1.18	2220	16.95	0.07	2.6	1.5	170	>10000	52.7
K272481		0.16	3.1	0.036	2.17	27.8	55.1	1.15	941	2.21	0.04	9.3	6.0	950	49.1	114.5
K271423		0.14	<0.1	0.018	0.04	0.7	1.2	13.30	193	0.21	0.01	0.3	0.9	170	86.8	1.9
K272521		0.20	1.1	0.049	2.80	24.5	11.7	0.74	674	3.35	2.12	8.0	2.9	580	24.0	120.0
K272522		0.23	1.0	0.576	3.27	21.4	7.5	0.48	1010	8.33	0.04	6.9	2.8	500	5520	200
K272523		0.18	1.9	0.071	3.15	34.1	44.6	0.64	1500	4.11	0.13	10.0	4.6	760	60.1	151.5
K272524		0.22	3.7	0.038	2.88	31.1	89.9	1.08	941	2.85	0.08	10.5	6.0	1100	73.7	108.0
K272525		0.19	0.9	0.618	2.41	14.4	11.3	0.58	1140	11.45	0.04	5.4	2.8	390	2300	134.5
K272526		0.19	2.2	0.050	2.67	25.5	84.3	0.91	1040	1.68	0.22	9.7	4.0	820	43.6	101.5
K272527		0.22	3.1	0.031	2.77	30.3	64.6	1.09	968	1.49	0.06	9.1	5.6	900	21.3	130.5
K272528		0.21	3.4	0.030	2.62	27.8	100.5	1.03	698	1.22	0.07	9.8	5.8	970	10.0	103.0
G0557546		0.23	0.6	13.40	2.32	16.2	13.0	0.71	589	39.5	2.68	7.0	11.7	820	9280	65.5
K272529		0.23	1.3	2.55	2.36	14.2	21.2	0.63	1340	5.04	0.04	6.0	3.4	490	6120	119.5
K272530		0.18	1.2	0.423	1.14	10.3	22.0	0.43	459	6.72	0.05	4.3	2.7	360	306	66.8
K272531		0.33	0.6	0.550	1.76	5.6	3.3	0.23	222	5.91	0.03	3.9	1.7	230	791	95.2
K272533		0.17	1.4	0.192	3.31	27.4	6.1	0.96	4040	1.29	0.03	7.1	9.5	560	594	210
K272607		0.18	1.2	0.149	2.82	22.3	20.3	0.78	1480	1.53	0.79	7.5	2.9	580	140.0	110.5
K272608		0.24	0.8	1.540	2.59	21.4	26.6	0.99	1840	6.56	0.26	6.5	3.0	550	2830	136.5
K272610		0.20	0.8	0.079	2.45	19.9	16.2	0.89	668	0.75	1.76	7.8	3.3	640	26.2	89.0
K272664		0.21	1.0	0.047	2.52	22.3	15.5	0.75	673	3.49	2.25	7.8	2.8	580	24.0	89.1
K272665		0.23	0.8	0.240	2.69	25.6	24.6	1.03	4030	4.53	0.13	6.2	3.1	490	3020	164.5
K272666		0.18	1.1	0.045	2.62	18.4	54.4	0.57	956	1.56	0.11	8.9	2.8	680	25.4	77.4
K270108		0.23	1.3	0.101	3.09	28.7	15.6	0.98	2980	1.90	0.04	7.8	2.8	550	207	143.5
K270109		0.24	1.2	1.235	3.11	23.9	11.2	0.50	1740	1.39	0.03	6.7	2.5	460	1740	195.0
K270110		0.62	0.1	4.76	0.30	2.8	4.8	0.29	334	4.40	0.01	1.4	1.8	30	>10000	15.2
G0557547		0.92	0.6	6.93	0.41	7.3	16.9	0.86	379	39.3	0.02	1.8	59.3	370	>10000	16.4
K270112		0.17	0.9	3.14	1.92	20.4	16.3	1.46	2740	4.59	0.02	4.8	2.7	300	>10000	111.0
K270113		0.16	3.4	0.037	2.84	30.7	53.5	1.14	1100	2.23	0.04	9.9	5.9	1000	51.6	171.5
K270114		0.17	1.3	0.127	2.25	25.5	78.4	1.18	2460	3.70	0.04	7.1	2.6	560	270	119.0
K270115		0.25	0.7	1.300	1.47	13.4	17.8	0.35	1300	8.81	0.06	3.9	2.2	250	1940	82.7
K270117		0.16	1.2	0.049	2.84	24.7	18.8	0.71	719	7.10	1.56	8.3	2.7	630	86.3	118.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K272419		0.002	1.21	11.35	11.3	1	2.8	79.4	0.75	0.24	14.6	0.265	2.05	4.7	66	10.7
K272420		0.002	6.98	435	5.2	1	5.5	36.5	0.36	2.30	5.7	0.134	1.44	8.0	36	5.1
K272422		<0.002	1.36	193.0	6.6	1	3.0	162.5	0.77	<0.05	9.2	0.279	1.98	6.2	53	6.2
K272423		<0.002	0.28	9.75	7.2	1	1.6	202	0.74	<0.05	9.9	0.307	3.10	5.3	62	2.6
K272478		<0.002	6.05	44.6	9.3	1	15.2	26.4	0.57	0.45	12.5	0.213	2.16	9.0	61	8.3
K272479		<0.002	>10.0	506	3.0	5	19.7	81.7	0.19	1.86	3.9	0.075	0.94	14.9	22	3.8
K272481		<0.002	0.27	15.75	6.4	1	2.0	263	0.63	<0.05	9.0	0.255	2.43	10.2	55	2.2
K271423		<0.002	0.05	2.56	0.3	1	0.2	48.9	<0.05	<0.05	0.2	<0.005	0.02	0.7	3	0.1
K272521		0.002	0.04	2.67	10.3	1	2.2	320	0.76	<0.05	16.5	0.248	1.17	2.5	67	1.1
K272522		<0.002	6.23	52.6	8.8	2	12.2	21.2	0.57	0.45	12.5	0.216	2.43	4.8	61	6.5
K272523		<0.002	0.32	11.80	9.2	1	2.2	89.1	0.83	0.06	17.2	0.266	1.93	4.6	64	5.1
K272524		0.002	0.16	11.25	7.2	1	1.4	158.5	0.74	<0.05	9.9	0.299	2.34	6.5	62	2.0
K272525		<0.002	5.72	59.6	7.1	2	9.5	46.3	0.42	0.33	9.5	0.168	1.73	3.9	51	6.7
K272526		0.002	0.15	10.20	9.7	1	1.7	138.5	0.78	0.08	13.5	0.275	2.16	5.2	70	2.6
K272527		0.002	0.56	14.20	6.7	1	1.3	169.0	0.66	<0.05	9.8	0.260	2.56	6.4	57	1.8
K272528		0.002	0.15	14.20	6.6	1	1.3	211	0.70	<0.05	9.2	0.267	2.54	5.4	59	1.5
G0557546		0.021	1.60	150.0	7.5	4	333	683	0.41	0.13	5.7	0.226	3.82	1.3	75	17.7
K272529		0.003	9.15	152.0	7.0	4	16.1	93.8	0.49	0.51	9.6	0.185	2.14	4.6	49	6.7
K272530		0.004	>10.0	16.50	3.2	5	2.4	86.0	0.28	1.08	4.9	0.112	1.05	2.8	27	2.6
K272531		0.002	>10.0	7.71	4.6	6	6.8	11.7	0.31	2.64	7.1	0.113	1.36	1.4	34	8.0
K272533		<0.002	2.51	12.80	9.5	1	3.2	34.6	0.63	0.12	14.3	0.211	3.27	6.5	64	3.9
K272607		0.002	0.86	10.80	10.6	1	2.1	177.5	0.61	0.06	12.0	0.241	1.86	4.3	69	2.9
K272608		0.006	5.76	179.5	9.9	2	4.7	94.4	0.45	1.84	8.4	0.225	2.20	9.0	62	4.4
K272610		<0.002	0.63	2.65	11.4	2	1.8	339	0.59	0.19	9.3	0.264	1.27	3.3	76	4.0
K272664		0.002	0.05	1.96	10.9	2	1.5	385	0.60	<0.05	12.6	0.252	1.02	4.0	70	4.5
K272665		0.002	4.60	48.5	9.4	2	4.4	89.6	0.47	0.27	11.0	0.205	2.43	4.7	57	4.9
K272666		0.002	0.08	8.68	11.4	1	1.6	111.5	0.71	<0.05	11.8	0.281	1.31	2.3	76	7.3
K270108		0.002	0.59	12.40	10.7	1	1.9	85.5	0.68	<0.05	15.2	0.237	2.56	6.0	64	4.6
K270109		0.002	6.07	60.6	9.1	2	11.1	22.1	0.59	1.13	12.6	0.200	2.73	4.4	54	4.8
K270110		0.005	>10.0	487	0.9	9	24.2	12.7	0.05	23.2	1.1	0.019	0.37	1.0	5	0.7
G0557547		0.033	>10.0	254	3.3	218	110.0	41.8	0.11	0.87	1.1	0.042	34.3	4.3	57	1.8
K270112		<0.002	9.04	302	6.2	3	10.4	83.1	0.42	1.46	8.2	0.141	1.82	3.9	39	4.0
K270113		0.002	0.40	10.35	6.9	1	1.6	219	0.70	<0.05	10.0	0.271	3.49	5.2	57	2.6
K270114		<0.002	0.76	23.5	9.1	1	11.6	214	0.57	0.15	11.9	0.218	2.44	5.0	57	4.4
K270115		0.002	>10.0	177.0	4.6	4	7.4	51.8	0.30	2.51	6.1	0.116	1.36	4.6	32	4.3
K270117		<0.002	0.13	4.71	11.2	2	2.1	261	0.68	0.05	13.0	0.262	1.38	2.6	72	5.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026720

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K272419		16.2	540	28.7				
K272420		6.2	1400	17.7				
K272422		13.0	3600	91.4	209		3.25	
K272423		13.1	149	129.0				
K272478		9.1	482	24.4				
K272479		4.8	>10000	15.4	221		1.610	4.62
K272481		12.6	122	123.0				
K271423		0.9	222	0.5				
K272521		17.3	399	26.8				
K272522		9.9	4730	25.5				
K272523		16.3	1580	62.9				
K272524		12.8	244	139.0				
K272525		7.4	2180	23.0				
K272526		14.4	242	73.2				
K272527		12.5	124	115.0				
K272528		12.1	57	129.5				
G0557546		10.4	7240	15.9	105			
K272529		7.5	>10000	40.8				2.19
K272530		5.7	298	42.6				
K272531		4.9	432	14.1				
K272533		11.1	1180	38.7				
K272607		14.2	278	31.4				
K272608		11.8	4970	18.0				
K272610		15.0	67	18.9				
K272664		15.0	59	23.0				
K272665		10.4	1790	19.0				
K272666		13.9	56	24.0				
K270108		13.8	981	30.7				
K270109		6.7	4790	27.1				
K270110		1.3	>10000	2.3	726		2.31	1.045
G0557547		7.3	>10000	19.1	157	1.260	1.510	9.27
K270112		7.8	>10000	23.2	206		2.26	1.810
K270113		13.0	111	134.5				
K270114		12.7	443	37.9				
K270115		7.4	8870	17.7				
K270117		16.6	186	29.6				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026720

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026721

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973439		0.19	7.05	4.6	2120	1.60	0.38	2.74	0.14	45.8	6.9	12	11.90	9.4	3.16	15.80
K973470		0.22	7.14	17.6	2190	1.74	0.23	2.20	0.75	44.3	6.6	8	17.70	18.5	2.92	16.20
K973471		>100	5.37	4930	1070	1.74	31.4	1.27	143.0	30.4	4.4	5	16.50	379	6.65	13.35
K973472		3.11	6.83	235	800	1.61	1.02	1.78	17.65	47.5	4.3	8	15.40	111.5	4.97	15.00
K973473		8.27	6.27	2190	570	1.31	4.43	1.61	39.7	46.5	15.4	7	14.85	226	4.32	14.50
K973474		0.50	7.49	98.3	1740	1.47	0.23	2.01	1.95	49.5	6.1	8	20.3	17.0	2.83	16.00
K973475		6.06	6.75	1695	390	1.16	0.80	3.04	75.5	39.3	6.8	6	17.10	88.0	5.58	14.60
K973476		0.19	7.79	40.0	2820	1.78	0.14	2.19	0.42	44.4	6.2	12	15.95	22.3	2.77	16.05
K973477		47.6	6.62	4940	510	1.37	52.0	2.17	123.5	40.8	6.4	7	15.75	1110	4.82	13.80
G0557548		>100	8.19	58.6	1170	1.16	1.82	2.54	61.5	29.3	14.2	23	2.77	5020	4.05	22.8
K973479		0.66	7.65	107.5	1270	1.54	0.54	2.36	2.66	59.8	5.5	8	14.30	9.5	2.46	17.10
K973480		0.79	7.89	35.0	1920	1.52	0.65	2.31	8.32	52.3	5.2	9	12.80	12.0	2.97	16.25
K973481		0.77	7.83	57.1	1690	1.33	0.70	2.71	4.55	66.6	6.0	13	12.70	7.1	2.72	16.05
K973482		5.57	5.66	1730	1220	1.11	4.09	1.59	59.3	39.8	10.1	8	6.58	115.0	3.60	12.90
K973483		1.88	7.33	99.8	940	1.34	1.56	1.57	10.90	56.6	29.7	9	7.16	38.0	3.68	15.80
K973484		12.90	6.73	4230	510	1.23	12.85	1.42	74.6	46.3	18.1	8	12.85	180.0	5.30	14.90
K973485		2.20	8.05	175.0	670	1.70	3.05	2.57	4.21	51.7	15.6	10	16.45	28.9	4.26	17.30
K973487		0.68	8.30	57.7	1750	1.56	0.83	1.81	5.67	56.1	6.3	8	18.70	8.7	3.75	17.05
K973488		48.5	5.50	2540	220	1.06	35.4	2.84	148.5	22.3	21.2	5	11.05	1735	6.64	12.25
K271501		0.05	0.12	<5	30	0.06	0.05	22.9	0.16	1.84	1.4	<1	0.74	2.8	0.46	0.38
K973489		1.11	7.95	23.3	1780	1.34	1.19	2.34	4.08	44.5	10.3	9	11.55	19.7	3.39	17.20
K974009		2.07	8.11	46.5	590	1.36	2.17	1.92	14.75	47.1	8.0	9	8.15	12.0	3.60	17.10
K974010		>100	4.05	3540	780	0.49	250	0.30	74.4	21.4	19.1	10	3.02	1970	20.8	8.60
K974012		1.44	7.71	32.9	430	1.33	2.22	1.39	3.61	51.9	7.8	11	8.84	7.9	3.55	16.60
K974022		1.12	8.45	34.4	950	1.66	1.67	2.02	2.96	52.4	8.3	11	17.20	16.3	3.14	17.15
K974023		56.2	5.65	289	520	0.98	21.0	1.08	287	20.0	9.3	12	9.95	775	6.53	10.85
K974025		0.82	8.21	26.5	1190	1.52	0.70	2.40	1.82	50.6	7.6	12	17.10	8.0	3.36	16.70
K974045		0.57	7.94	53.8	1570	1.51	0.52	2.56	5.04	45.5	7.9	11	18.20	18.1	3.15	17.20
G0557549		>100	1.55	1305	210	0.18	58.8	1.93	561	14.10	28.8	34	0.86	>10000	18.45	17.00
K974046		16.40	6.33	1835	480	1.28	15.25	1.60	52.8	43.6	7.1	8	17.15	326	4.39	13.85
K974047		0.49	8.11	19.6	650	1.42	0.58	1.98	0.93	51.3	8.8	8	18.35	14.1	3.06	16.55
K974184		0.38	7.26	29.3	2280	1.63	0.26	2.89	3.24	37.4	7.4	7	26.4	13.5	3.44	15.90
K974185		58.1	2.57	9460	190	0.53	24.3	4.54	>1000	11.95	3.9	9	8.41	1620	6.05	6.10
K974187		33.2	5.19	>10000	330	0.86	15.65	1.18	286	29.6	4.6	8	11.80	465	6.20	12.75
K974188		0.41	8.15	81.5	4160	1.31	0.26	1.53	17.40	49.9	6.4	9	21.8	18.0	3.08	17.25
K974189		4.93	7.12	715	1680	1.31	0.79	1.99	23.0	48.8	6.1	8	17.95	46.5	3.02	14.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K973439		0.23	1.2	0.039	2.71	22.0	14.0	0.76	566	4.53	2.35	7.8	2.9	560	22.3	99.5
K973470		0.19	1.2	0.055	2.11	21.6	166.0	0.68	976	1.23	0.07	7.8	2.5	580	31.4	79.0
K973471		0.27	0.8	5.24	2.12	16.7	30.2	0.65	3760	6.81	0.03	5.2	2.2	380	>10000	109.0
K973472		0.20	1.1	0.287	3.09	26.1	15.0	0.87	2030	1.46	0.03	7.1	2.0	490	524	174.5
K973473		0.16	0.9	0.542	2.66	25.9	38.1	0.66	1320	7.08	0.03	6.4	3.0	440	769	158.5
K973474		0.16	1.0	0.090	2.27	27.1	128.5	0.75	1060	2.34	0.03	7.6	2.3	590	94.6	126.5
K973475		0.20	0.9	0.975	2.13	20.1	82.5	1.19	2100	0.86	0.02	7.0	2.2	530	477	119.5
K973476		0.15	1.0	0.060	1.67	22.4	295	0.70	926	0.42	0.05	8.2	2.2	610	24.3	64.0
K973477		0.19	0.9	5.40	1.76	22.2	228	0.85	2060	4.01	0.02	6.4	2.5	500	3770	103.0
G0557548		0.18	0.5	15.35	2.36	16.5	10.5	0.73	623	42.0	2.76	7.7	12.6	860	>10000	70.2
K973479		0.17	1.0	0.178	2.78	32.7	41.7	0.79	1670	0.32	0.06	7.9	2.0	590	56.2	144.5
K973480		0.16	1.0	0.216	3.04	27.5	48.7	0.78	880	0.37	0.08	7.9	2.7	620	278	170.0
K973481		0.17	1.0	0.137	3.47	39.0	11.6	0.99	1420	0.23	0.05	7.2	2.3	610	187.0	221
K973482		0.16	0.7	0.903	2.63	20.6	13.0	0.66	1530	1.37	0.03	4.7	1.8	430	1180	180.0
K973483		0.19	0.9	0.347	3.42	32.4	4.7	0.69	1760	0.20	0.04	6.4	2.2	580	354	235
K973484		0.20	0.8	1.545	2.90	24.6	13.3	0.65	1000	0.86	0.03	6.5	2.2	500	1350	183.0
K973485		0.17	1.0	0.179	2.31	26.8	229	0.82	776	0.42	0.06	7.6	2.7	610	194.5	124.0
K973487		0.18	1.1	0.164	2.49	30.3	159.5	0.75	1110	0.62	0.04	8.7	2.6	650	268	137.0
K973488		0.19	0.7	3.26	2.28	12.1	16.8	1.41	1420	24.8	0.04	4.9	2.1	350	4140	146.5
K271501		0.06	<0.1	0.008	0.06	0.9	1.4	13.55	202	0.78	0.01	0.5	2.0	290	4.8	4.0
K973489		0.16	1.0	0.148	2.90	22.1	32.9	0.82	1080	1.03	0.06	7.8	2.3	620	173.5	139.0
K974009		0.17	1.0	0.253	3.70	23.6	5.4	0.78	1470	1.00	0.05	6.4	2.2	650	415	215
K974010		0.45	0.5	3.74	1.92	11.9	4.4	0.25	580	1.48	0.02	3.1	1.4	280	1570	132.0
K974012		0.16	1.0	0.091	3.57	27.5	8.7	0.68	1000	0.30	0.04	6.2	2.1	570	206	221
K974022		0.15	1.1	0.194	2.38	27.2	285	0.72	1200	1.90	0.04	7.5	2.5	620	53.9	121.5
K974023		0.19	0.7	9.20	2.48	8.0	26.7	0.55	2700	8.02	0.03	3.3	2.1	460	591	134.5
K974025		0.16	1.3	0.130	2.78	26.4	99.3	0.73	987	2.70	1.28	8.0	2.6	590	42.8	122.5
K974045		0.15	1.2	0.218	3.09	22.0	149.5	0.63	777	1.15	0.97	8.5	2.4	620	50.3	122.0
G0557549		1.25	0.7	8.25	0.45	8.1	4.5	0.92	416	40.3	0.02	1.9	56.9	420	>10000	19.1
K974046		0.17	0.9	1.075	2.57	23.7	33.4	0.60	2370	8.79	0.03	6.1	3.3	390	1140	145.0
K974047		0.15	1.2	0.049	2.89	26.7	146.5	0.69	698	0.88	0.13	6.4	2.4	580	50.9	130.0
K974184		0.14	1.2	0.086	2.84	17.6	34.9	0.66	993	0.95	0.44	7.9	2.5	590	79.1	101.0
K974185		0.16	0.4	24.8	0.98	4.6	27.5	1.60	4090	7.18	0.02	2.5	1.3	170	3970	60.1
K974187		0.16	0.7	6.03	1.79	15.7	87.0	0.52	4480	5.84	0.02	5.1	1.9	380	6820	101.0
K974188		0.15	1.2	0.165	2.42	26.1	186.5	0.53	760	2.91	0.34	8.6	2.3	690	70.7	118.5
K974189		0.13	1.0	0.188	2.12	26.4	125.5	0.72	1040	3.83	0.04	7.1	2.3	520	1390	129.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K973439		0.002	0.01	1.19	10.7	1	1.5	363	0.63	<0.05	12.9	0.253	1.11	4.1	68	1.5
K973470		<0.002	0.20	20.7	10.9	1	1.6	165.5	0.65	<0.05	11.9	0.248	1.58	3.7	64	4.3
K973471		<0.002	4.46	265	8.6	2	9.2	105.5	0.45	0.05	10.4	0.170	2.68	3.6	47	9.2
K973472		0.002	1.21	31.0	9.8	1	4.5	55.2	0.68	0.05	14.0	0.209	3.28	5.6	56	5.6
K973473		<0.002	2.76	72.3	9.5	1	6.8	56.8	0.56	0.13	11.3	0.195	2.39	4.0	56	4.1
K973474		<0.002	0.49	29.4	11.2	1	2.3	158.5	0.58	0.06	13.0	0.235	2.12	5.2	66	5.2
K973475		<0.002	3.78	45.4	9.8	1	5.5	156.0	0.52	0.05	10.4	0.215	2.17	3.3	59	6.5
K973476		<0.002	0.23	27.5	10.9	1	1.7	228	0.67	<0.05	11.7	0.256	1.25	2.5	65	7.5
K973477		<0.002	2.62	84.0	9.0	2	3.3	195.0	0.52	0.09	11.0	0.207	1.90	3.4	52	6.7
G0557548		0.021	1.68	162.5	7.5	5	360	734	0.42	0.15	4.8	0.236	3.49	1.0	82	20.8
K973479		<0.002	0.42	11.80	11.7	1	3.0	122.0	0.61	0.15	12.2	0.237	2.62	4.4	69	3.3
K973480		<0.002	0.39	8.68	11.2	1	2.4	111.5	0.62	0.07	13.4	0.244	2.40	4.1	68	3.3
K973481		<0.002	0.75	7.16	11.6	1	2.7	96.3	0.57	0.06	13.6	0.234	3.13	4.8	66	4.1
K973482		<0.002	2.27	32.0	8.7	2	4.1	68.5	0.36	0.14	8.7	0.159	2.08	3.1	54	4.7
K973483		<0.002	2.31	8.10	11.4	1	3.6	39.2	0.49	0.24	12.3	0.213	2.50	2.9	61	4.7
K973484		<0.002	3.94	50.6	9.8	2	5.2	81.8	0.51	0.21	11.4	0.201	2.49	3.8	59	5.5
K973485		<0.002	2.09	21.3	11.3	1	2.8	163.5	0.61	0.21	13.5	0.238	1.69	5.6	70	3.4
K973487		<0.002	0.53	15.70	11.5	1	2.4	201	0.69	0.34	14.6	0.265	2.12	4.0	69	5.3
K973488		<0.002	6.18	318	7.1	2	6.3	94.0	0.40	0.33	8.6	0.156	1.96	4.1	53	5.1
K271501		<0.002	0.01	0.33	0.3	1	0.2	53.0	<0.05	<0.05	0.3	<0.005	0.02	0.9	3	0.2
K973489		<0.002	1.28	16.45	11.1	1	2.6	115.0	0.59	0.14	11.5	0.247	2.18	3.2	72	3.3
K974009		<0.002	2.64	4.79	10.5	1	4.6	41.5	0.53	0.48	14.0	0.204	2.88	2.8	60	4.0
K974010		<0.002	>10.0	102.5	4.3	2	11.3	15.5	0.25	2.28	6.1	0.091	1.30	1.1	32	3.1
K974012		<0.002	2.96	4.83	10.3	1	3.7	59.0	0.53	0.68	14.6	0.191	2.84	3.3	61	4.1
K974022		<0.002	1.52	19.50	11.1	1	2.5	230	0.61	0.19	13.7	0.235	2.00	4.3	69	3.2
K974023		0.005	6.53	164.5	5.6	3	5.7	104.5	0.29	0.29	5.8	0.103	2.00	2.5	40	4.8
K974025		<0.002	1.09	7.58	10.8	1	2.2	2290	0.66	0.14	13.4	0.240	1.63	4.3	68	2.8
K974045		<0.002	1.36	12.65	11.1	1	2.8	324	0.68	0.10	11.9	0.252	1.68	3.5	73	2.3
G0557549		0.038	>10.0	305	2.4	248	113.0	43.4	0.10	0.92	1.1	0.046	33.4	3.7	64	2.1
K974046		<0.002	3.22	107.5	8.7	2	6.6	113.5	0.51	0.15	11.4	0.192	2.61	7.3	55	5.3
K974047		<0.002	2.02	13.45	10.8	1	1.9	194.5	0.62	0.15	14.7	0.207	2.02	5.2	67	5.5
K974184		<0.002	0.22	10.85	9.2	1	1.8	177.5	0.64	<0.05	10.4	0.247	1.65	5.7	67	3.2
K974185		<0.002	7.92	357	3.2	7	6.9	141.5	0.19	0.08	3.1	0.074	1.05	2.2	23	3.0
K974187		<0.002	3.67	186.0	6.3	2	9.8	81.9	0.41	0.08	8.3	0.166	1.65	3.4	47	4.9
K974188		<0.002	0.20	37.1	10.7	1	1.8	221	0.71	<0.05	13.9	0.268	1.49	3.3	71	4.5
K974189		<0.002	0.97	63.1	9.7	1	2.0	189.0	0.58	0.05	11.9	0.218	1.79	3.7	64	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026721

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K973439		15.4	43	36.1				
K973470		14.3	89	31.1				
K973471		8.6	9130	21.5	204		5.60	
K973472		10.8	1300	28.4				
K973473		10.7	2760	23.8				
K973474		13.6	172	29.9				
K973475		12.5	5040	26.7				
K973476		14.2	63	30.8				
K973477		12.2	8050	25.6				
G0557548		11.7	7820	16.8	102		0.952	
K973479		14.7	219	28.2				
K973480		14.7	591	27.8				
K973481		13.7	363	26.3				
K973482		10.2	3930	19.4				
K973483		11.8	963	24.8				
K973484		10.9	5170	24.2				
K973485		14.9	374	28.3				
K973487		14.9	455	31.1				
K973488		8.2	9840	20.6				
K271501		1.2	20	0.5				
K973489		13.9	334	29.1				
K974009		13.0	1140	29.6				
K974010		9.2	6470	14.0	142			
K974012		13.4	293	28.8				
K974022		14.0	274	32.1				
K974023		7.9	>10000	18.4				1.845
K974025		14.6	158	37.3				
K974045		15.2	376	34.5				
G0557549		7.8	>10000	20.2	158	1.260	1.525	9.36
K974046		11.9	3530	25.8				
K974047		14.9	106	32.5				
K974184		14.0	357	33.6				
K974185		6.2	>10000	11.0				7.53
K974187		9.1	>10000	20.1				1.870
K974188		14.9	1700	34.2				
K974189		13.4	1300	29.3				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026721

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026722

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026722

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K974194		0.33	7.51	35.1	2760	1.36	0.20	1.42	1.27	59.0	6.3	9	18.50	14.8	3.21	17.30
K974195		54.5	5.45	3270	2020	1.31	10.10	1.85	116.0	42.7	8.0	10	11.65	293	4.96	14.35
K974197		1.72	7.08	71.9	2550	1.53	0.26	2.32	3.34	48.4	6.3	10	20.4	18.0	3.17	16.75
K972901		1.92	7.16	766	1370	1.55	0.36	3.77	7.35	48.8	6.4	9	22.5	51.7	3.10	15.50
G0557550		>100	7.21	51.0	1540	1.36	1.84	2.26	58.8	32.1	12.1	21	2.58	4660	3.86	21.4
K972902		7.89	6.68	4810	1250	1.56	1.04	1.87	35.5	58.1	5.7	10	21.0	105.5	3.88	15.75
K972904		0.40	7.47	24.5	3000	1.33	0.22	1.51	2.96	63.6	6.6	9	30.4	17.5	2.67	17.30
K972922		1.14	6.47	81.3	2330	1.43	1.09	1.97	6.91	75.7	10.4	8	24.2	22.1	3.69	14.80
K972923		6.46	6.96	626	1110	1.44	4.71	1.57	110.5	52.7	12.0	7	15.80	116.0	5.64	16.20
K271534		0.03	0.09	<5	20	0.06	0.03	20.9	0.21	1.75	1.2	<1	0.19	2.1	0.43	0.36
K972925		2.24	7.63	175.5	1480	1.86	1.98	2.50	45.6	51.3	5.6	9	27.4	48.8	4.57	16.60
K972943		0.21	7.47	15.1	1870	1.35	0.27	1.59	0.49	43.9	8.3	7	10.40	15.2	2.95	15.35
K972944		51.5	6.04	1280	1530	1.45	41.2	1.46	430	35.3	7.5	7	15.35	2120	6.12	13.15
K972946		0.47	7.78	44.0	2940	1.50	0.25	1.62	2.84	50.8	8.0	9	26.5	18.9	2.76	16.45
K972947		0.55	7.64	26.1	1970	1.56	0.72	1.71	2.11	45.9	7.9	9	14.15	16.2	3.17	16.30
K972948		29.3	6.25	2680	650	1.22	13.00	0.53	124.5	39.8	6.2	8	7.61	456	8.49	13.85
K972949		0.40	8.53	39.3	2190	1.43	0.19	1.97	1.80	45.6	7.9	10	13.60	13.5	3.34	17.85
K972950		4.72	7.35	111.0	1640	1.48	2.88	2.77	7.84	43.5	10.0	7	10.60	20.8	4.13	16.50
K972952		0.27	8.37	16.5	1980	1.23	0.42	1.69	0.30	50.3	8.2	10	12.50	14.2	2.96	17.40
K972953		79.0	6.14	>10000	810	1.20	143.5	1.13	56.0	36.5	18.3	8	13.35	521	11.55	13.05
K972954		0.21	7.99	35.9	1500	1.45	0.49	2.43	0.31	40.0	6.9	8	21.0	16.9	2.97	17.05
G0561916		>100	1.42	1225	50	0.26	63.1	1.85	534	13.10	27.7	31	0.75	>10000	18.55	16.65
K972960		1.72	7.92	111.0	690	1.66	1.20	1.86	3.49	51.8	8.3	9	14.00	67.2	3.73	16.40
K972961		15.35	6.00	3520	990	1.27	5.05	1.40	209	47.9	6.0	7	13.95	258	5.04	13.85
K972962		0.48	7.25	50.0	2100	1.65	0.24	2.61	0.77	42.6	8.6	9	21.4	11.0	3.01	17.15
K972963		9.03	6.85	1400	940	1.60	8.37	1.76	50.3	48.0	8.8	7	14.60	186.0	4.14	15.90
K972964		0.32	7.66	25.7	2290	1.48	0.66	2.43	0.58	48.7	7.5	9	13.90	21.0	2.91	16.90
K972968		0.16	7.78	11.5	1910	1.59	0.94	2.35	0.38	42.8	7.7	9	17.05	9.7	2.79	17.25
K972969		3.71	7.08	1010	1800	1.71	1.31	1.93	23.3	45.0	6.5	7	18.85	56.6	3.08	16.30
K972970		0.40	7.65	19.1	2210	1.50	0.92	2.38	1.68	39.5	8.1	8	12.95	9.0	3.06	17.15
K972971		0.58	7.68	15.4	2190	1.60	0.21	2.10	0.32	37.8	7.5	10	14.35	4.5	3.15	16.90
K972972		3.82	7.16	52.5	1140	1.83	3.17	1.79	8.45	31.0	24.1	7	14.90	19.8	4.23	15.35
K972973		4.98	7.50	2220	1520	1.69	2.03	2.21	61.7	47.1	9.1	7	14.40	49.2	3.11	16.50
K972975		0.37	7.46	38.7	2270	1.58	0.48	2.84	0.38	47.3	8.3	7	12.50	3.6	2.55	16.75
K972978		0.13	7.42	11.5	2360	1.62	0.39	2.53	0.38	44.8	7.5	10	13.60	5.7	2.85	16.50
K972979		5.17	6.33	2870	5040	1.62	0.74	1.12	13.55	38.9	8.9	9	13.95	14.4	4.62	14.25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026722

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K974194		0.16	1.0	0.054	1.95	31.7	87.8	0.62	946	2.56	0.03	8.1	2.9	610	70.7	99.4
K974195		0.16	0.8	2.31	2.57	22.1	26.1	0.80	3720	4.95	0.04	5.6	2.8	420	>10000	141.0
K974197		0.16	1.1	0.067	2.96	23.9	29.0	0.60	834	2.26	1.08	8.3	2.4	610	710	117.5
K972901		0.18	1.1	0.136	2.82	24.9	74.8	1.42	1240	1.42	0.12	7.6	2.2	530	344	95.1
G0557550		0.16	0.6	13.85	2.23	16.2	12.9	0.67	585	39.1	2.54	7.1	12.3	820	9310	63.6
K972902		0.18	1.1	0.377	2.88	32.1	35.1	0.70	1700	8.00	0.03	7.3	2.7	500	1790	157.0
K972904		0.16	1.2	0.094	3.14	33.5	95.6	0.49	709	1.78	0.11	8.4	2.2	590	161.0	144.5
K972922		0.20	1.8	0.153	2.94	42.2	30.2	0.71	1080	3.92	0.05	5.8	2.7	380	148.0	171.5
K972923		0.20	1.0	2.32	3.28	26.4	14.0	0.76	1330	5.09	0.04	6.7	2.6	660	582	221
K271534		0.06	<0.1	0.011	0.04	0.8	1.6	13.30	200	0.12	0.01	0.5	0.7	370	3.9	1.6
K972925		0.17	1.2	0.486	3.20	28.8	15.6	0.88	2130	2.19	0.09	7.8	2.7	610	593	177.0
K972943		0.14	1.1	0.053	2.26	23.3	56.7	0.60	833	0.80	0.07	7.6	2.2	580	38.8	98.8
K972944		0.19	0.9	11.00	2.63	19.1	30.1	0.62	2260	3.82	0.04	6.1	2.5	460	3410	147.0
K972946		0.15	1.1	0.092	3.06	27.3	75.2	0.52	875	1.72	0.16	8.3	2.3	600	172.0	139.0
K972947		0.15	1.1	0.099	2.90	24.2	69.5	0.60	1080	1.36	0.10	7.9	2.3	620	89.2	123.0
K972948		0.21	0.9	3.88	2.72	21.4	14.9	0.36	720	5.21	0.03	5.9	2.4	480	4460	156.5
K972949		0.13	1.2	0.063	3.19	23.4	35.8	0.66	746	1.43	0.48	9.0	2.6	670	118.0	124.0
K972950		0.16	1.1	0.161	3.12	22.3	36.3	0.92	1160	1.58	0.08	5.9	2.5	560	525	154.5
K972952		0.15	1.2	0.055	2.86	26.7	55.5	0.64	745	1.83	0.13	8.7	2.6	680	24.9	109.5
K972953		0.28	0.8	2.13	2.45	19.3	43.3	0.47	692	11.60	0.04	5.5	2.1	460	2430	140.0
K972954		0.10	1.0	0.054	2.75	19.8	98.0	0.59	763	3.08	0.10	8.5	2.1	620	29.9	98.5
G0561916		1.08	0.6	6.60	0.43	7.5	6.8	0.90	399	37.7	0.02	1.6	61.0	410	>10000	16.3
K972960		0.11	1.1	0.107	1.98	29.0	273	0.71	1140	2.92	0.03	7.9	2.2	630	328	119.0
K972961		0.15	0.9	3.75	2.62	26.7	35.8	0.54	2410	10.20	0.05	5.9	2.2	450	2030	177.0
K972962		0.13	1.0	0.049	2.79	21.4	91.5	0.57	737	2.07	1.02	8.3	2.3	640	176.5	109.0
K972963		0.16	1.0	0.710	2.81	27.3	75.2	0.66	1230	2.35	0.04	6.9	2.8	520	1310	174.0
K972964		0.14	1.0	0.048	2.87	25.6	30.7	0.71	583	2.06	1.71	7.8	2.4	600	33.0	120.0
K972968		0.15	1.2	0.055	2.69	21.8	45.5	0.57	509	3.34	0.86	8.6	2.4	610	26.3	101.0
K972969		0.14	1.0	0.257	2.66	25.1	142.5	0.63	1080	2.16	0.08	7.0	2.4	550	733	154.0
K972970		0.14	1.1	0.068	2.43	19.9	65.5	0.67	578	2.65	0.23	7.7	2.4	620	40.7	82.5
K972971		0.15	1.1	0.041	2.63	18.6	67.4	0.70	570	2.40	0.49	8.4	2.6	620	28.2	79.2
K972972		0.15	1.0	0.330	3.13	15.1	31.2	0.69	969	7.91	0.05	7.1	2.5	460	404	203
K972973		0.15	1.0	1.060	3.03	25.9	75.3	0.82	1400	3.60	0.04	7.5	2.1	570	508	172.0
K972975		0.13	1.0	0.057	2.21	25.6	138.0	0.94	918	2.80	0.06	7.5	2.5	570	18.5	106.0
K972978		0.16	1.1	0.048	2.86	22.9	23.9	0.71	631	1.20	1.45	7.9	2.4	580	27.0	109.5
K972979		0.16	0.9	0.146	2.81	20.0	32.2	0.47	1460	15.15	0.07	6.2	2.7	470	1005	166.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026722

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K974194		<0.002	0.41	23.6	10.7	2	2.7	96.1	0.66	<0.05	14.5	0.244	1.90	4.1	66	3.9
K974195		<0.002	3.26	136.5	8.0	2	8.9	74.4	0.46	0.06	9.5	0.180	2.51	7.3	51	5.6
K974197		<0.002	0.18	15.05	10.3	2	2.0	228	0.68	<0.05	12.3	0.251	1.82	3.7	70	4.3
K972901		<0.002	0.38	20.5	9.4	1	2.3	114.0	0.66	<0.05	11.8	0.225	2.12	5.0	62	7.9
G0557550		0.022	1.63	156.5	7.2	5	341	651	0.43	0.15	5.0	0.221	3.73	1.1	77	19.5
K972902		0.002	2.07	71.0	10.1	2	5.3	73.7	0.61	<0.05	13.1	0.229	3.17	6.3	62	4.9
K972904		<0.002	0.20	25.1	10.8	2	2.6	117.5	0.69	0.05	14.2	0.251	2.06	3.7	68	3.6
K972922		<0.002	2.58	7.68	8.4	2	1.6	166.5	0.82	0.30	23.1	0.153	2.71	5.8	51	2.3
K972923		0.002	3.86	11.95	10.0	2	3.9	68.1	0.54	0.32	13.3	0.213	3.28	2.9	64	4.6
K271534		<0.002	0.01	0.20	0.4	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K972925		<0.002	1.23	9.21	10.8	2	3.1	220	0.63	0.10	12.1	0.237	2.92	4.0	64	5.6
K972943		<0.002	0.60	15.00	10.9	2	1.9	108.5	0.61	0.05	11.7	0.235	1.50	2.1	63	4.1
K972944		<0.002	5.58	171.0	8.8	5	3.8	88.7	0.48	0.13	9.1	0.193	2.53	4.7	53	3.9
K972946		<0.002	0.22	21.5	11.3	2	2.2	121.0	0.66	<0.05	11.5	0.246	1.92	3.1	68	3.3
K972947		<0.002	0.33	18.80	11.5	2	1.9	131.5	0.62	0.38	11.9	0.250	1.79	3.3	67	4.3
K972948		<0.002	9.18	69.3	9.5	3	8.1	31.9	0.46	0.18	10.1	0.197	2.33	3.8	59	3.1
K972949		<0.002	0.28	7.04	11.9	2	2.1	173.0	0.71	<0.05	11.8	0.272	1.65	3.1	73	4.0
K972950		<0.002	2.48	13.85	9.8	2	3.7	114.5	0.50	1.17	10.5	0.198	2.37	3.8	62	3.6
K972952		<0.002	0.49	15.75	11.9	2	2.1	123.5	0.71	0.11	13.1	0.269	1.33	2.8	69	5.3
K972953		<0.002	>10.0	161.0	8.5	3	3.2	84.7	0.46	1.10	9.6	0.173	2.07	6.1	52	2.6
K972954		<0.002	0.34	14.65	11.0	2	1.9	156.5	0.69	0.11	10.0	0.267	1.62	4.4	77	4.8
G0561916		0.035	>10.0	270	2.7	232	106.5	37.6	0.10	0.80	1.3	0.044	38.6	4.7	61	1.8
K972960		<0.002	1.40	28.0	11.6	2	2.7	188.0	0.64	0.07	13.3	0.246	1.70	3.7	68	5.9
K972961		<0.002	4.08	58.3	8.7	3	5.6	63.9	0.51	0.13	10.7	0.188	2.60	6.0	52	3.9
K972962		<0.002	0.26	9.94	10.7	2	1.8	256	0.68	<0.05	10.7	0.251	1.50	3.5	69	1.9
K972963		0.002	2.99	21.9	10.5	2	4.5	109.5	0.54	0.28	12.4	0.214	2.31	5.4	62	3.9
K972964		<0.002	0.93	5.38	11.1	2	1.9	331	0.62	0.23	11.5	0.248	1.49	3.8	68	2.2
K972968		0.002	0.78	8.94	11.5	2	2.0	222	0.72	0.43	11.3	0.253	1.30	3.3	70	3.7
K972969		<0.002	1.92	22.5	11.0	2	4.1	109.5	0.52	0.15	10.0	0.226	2.26	4.0	64	2.8
K972970		<0.002	0.92	7.92	11.2	2	2.1	151.5	0.62	0.30	9.4	0.243	1.43	2.9	68	3.6
K972971		<0.002	0.21	8.45	11.1	1	1.7	194.0	0.66	0.05	9.9	0.260	1.29	3.4	71	2.8
K972972		<0.002	3.29	13.80	9.7	2	3.6	55.4	0.58	1.03	10.6	0.224	2.72	4.5	56	3.7
K972973		<0.002	1.63	17.35	11.3	2	3.8	98.2	0.57	0.34	11.9	0.232	2.85	6.7	67	3.2
K972975		<0.002	0.86	10.00	10.9	2	1.8	176.0	0.58	0.13	11.7	0.233	1.97	3.8	66	3.1
K972978		<0.002	0.56	3.88	11.2	2	1.6	311	0.65	0.08	11.3	0.246	1.53	3.7	69	1.7
K972979		<0.002	4.14	43.7	9.5	2	4.2	102.5	0.51	0.14	10.1	0.195	2.85	4.2	55	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026722

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K974194		15.2	199	28.6				
K974195		10.4	7130	21.4			1.710	
K974197		15.5	298	30.6				
K972901		14.7	524	30.4				
G0557550		10.7	7330	15.5	101			
K972902		14.7	2360	30.1				
K972904		15.7	263	31.7				
K972922		11.3	489	45.8				
K972923		11.7	6520	26.6				
K271534		1.0	24	1.2				
K972925		13.5	3410	36.2				
K972943		13.6	76	31.7				
K972944		11.1	>10000	27.9				2.81
K972946		14.3	295	29.7				
K972947		14.1	216	29.8				
K972948		10.6	>10000	25.1				1.315
K972949		15.5	207	33.2				
K972950		13.5	698	30.2				
K972952		15.5	66	33.2				
K972953		10.9	6520	22.3				
K972954		13.9	70	29.8				
G0561916		7.4	>10000	17.4	184	1.340	1.615	9.62
K972960		14.5	429	30.1				
K972961		11.0	>10000	23.0				1.410
K972962		14.7	103	27.8				
K972963		13.7	3800	26.8				
K972964		15.3	96	28.5				
K972968		15.3	68	32.7				
K972969		12.9	1830	27.4				
K972970		14.1	152	29.8				
K972971		14.2	62	30.0				
K972972		12.7	668	25.9				
K972973		13.2	4310	27.8				
K972975		13.6	72	28.1				
K972978		14.9	71	30.1				
K972979		10.2	1130	24.7				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026722

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026723

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026723

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972980		0.44	7.46	102.0	1990	1.79	0.54	2.43	0.65	45.5	7.2	7	20.3	6.5	2.76	16.10
K269365		27.8	5.11	452	730	0.99	19.20	0.76	31.5	25.5	244	7	5.25	45.3	11.60	12.90
K269366		0.23	7.26	14.3	1960	1.52	0.38	2.69	0.48	41.9	13.8	11	9.39	4.0	3.29	17.40
K271813		0.01	0.09	<5	20	0.05	0.02	21.2	0.05	1.53	1.3	<1	0.21	2.2	0.42	0.32
K269367		0.25	7.00	6.0	2170	1.44	0.35	2.60	0.32	43.5	9.1	12	8.83	10.3	3.02	16.55
K269368		2.99	7.04	145.5	1740	1.35	0.57	2.91	17.05	64.2	14.1	6	19.55	97.7	4.03	15.20
K269378		0.11	7.14	6.4	2130	1.58	0.12	2.72	0.16	41.4	8.0	10	14.50	9.0	2.89	16.55
K269379		2.49	6.34	4180	1600	1.32	1.24	2.28	28.2	41.0	8.5	6	17.70	35.0	4.96	14.35
K269380		0.14	7.34	15.1	2200	1.62	0.11	2.54	0.40	44.4	7.7	9	9.73	8.3	2.99	16.60
K269394		0.28	7.61	53.8	1560	1.64	0.22	1.60	2.76	41.4	7.3	8	17.35	9.0	3.13	16.50
K269395		6.94	6.11	7580	360	1.35	2.04	2.18	42.1	41.1	5.3	9	14.50	148.0	6.38	14.40
K269396		5.29	7.30	957	2810	1.71	1.90	2.38	5.45	45.0	7.7	8	22.7	30.2	3.36	16.75
K269398		8.99	6.53	3930	640	1.46	7.87	2.39	116.5	47.3	10.0	8	17.35	208	4.32	13.95
K269399		0.50	7.10	115.5	1280	1.43	0.24	2.64	1.76	40.9	7.8	8	21.9	7.8	3.20	16.30
K269400		0.34	7.17	108.0	1340	1.54	0.15	2.87	0.53	42.9	5.9	8	19.25	7.6	3.90	15.70
G0561917		>100	8.03	54.4	1270	1.36	1.84	2.55	60.3	30.8	12.5	23	2.56	4560	4.25	22.0
K269401		0.17	7.59	17.6	1140	1.51	0.11	2.04	0.25	48.9	7.0	9	26.7	6.9	3.08	16.95
K269402		1.88	7.22	467	1780	1.64	0.69	3.03	23.9	48.5	7.8	10	21.9	32.1	3.93	16.10
K269403		3.12	4.41	288	630	1.17	1.85	8.52	72.0	33.0	3.6	4	17.85	99.1	3.55	10.40
K269404		1.07	7.26	218	1340	1.66	0.14	2.45	5.61	55.0	6.2	10	19.90	17.1	5.05	16.05
K269405		1.63	7.14	13.3	2070	1.44	2.45	2.33	1.51	35.8	6.1	11	16.45	59.5	3.92	16.80
K269406		3.04	7.50	3000	1230	1.73	1.39	2.49	13.00	55.1	7.2	11	19.60	78.7	3.87	17.00
G0561918		>100	1.36	1130	120	0.26	69.4	1.81	508	11.95	30.9	30	0.71	>10000	17.90	17.85
K269407		53.7	6.23	7800	450	1.55	47.2	1.62	193.5	39.0	7.6	8	14.20	1070	7.40	14.85
K269409		0.20	7.25	12.6	2110	1.73	0.19	2.76	0.27	43.4	7.8	11	14.90	22.7	2.90	16.80
K269424		0.71	6.79	96.9	2730	1.65	0.42	2.74	3.69	49.6	6.6	8	21.7	29.5	3.41	16.00
K269425		51.0	6.76	351	1540	1.63	57.9	3.23	344	47.0	5.9	10	18.20	1030	4.23	14.80
K269427		1.31	7.74	21.2	2040	1.83	1.46	2.29	8.55	50.2	6.6	10	14.10	49.1	4.00	17.20
K269453		0.29	7.14	25.2	940	1.79	0.41	3.60	1.29	46.9	6.4	10	28.6	9.3	2.57	18.50
K269454		21.3	6.55	5220	590	1.52	7.76	1.61	98.4	45.8	10.5	8	16.20	202	6.74	15.25
K269455		0.91	6.96	92.7	3150	1.66	0.35	2.49	2.50	36.2	7.5	10	16.90	13.3	3.23	15.85
K269457		33.0	5.89	8980	1640	1.35	12.25	0.94	59.3	42.8	7.9	10	10.80	371	7.28	14.15
K269458		0.45	7.20	63.2	1890	1.68	0.12	2.63	1.84	42.5	6.4	10	21.9	19.1	3.14	16.55
K269459		16.70	5.77	2750	2030	1.28	11.30	1.25	164.0	38.6	6.6	7	8.54	522	6.39	13.35
K269461		0.36	7.30	35.8	2030	1.64	0.95	2.97	0.80	43.7	7.3	11	13.75	11.1	3.17	17.25
K269462		0.32	7.46	28.3	2240	1.58	0.42	2.96	0.88	46.4	7.7	13	16.55	17.4	3.31	17.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026723

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K972980		0.14	1.0	0.047	2.99	23.8	54.6	0.84	1380	1.67	0.06	7.5	2.4	560	42.8	150.5
K269365		0.26	0.6	0.611	2.22	13.7	8.4	0.49	1670	6.14	0.07	3.9	7.9	370	2160	147.0
K269366		0.12	1.0	0.054	2.68	20.9	9.7	0.81	886	1.14	1.91	7.8	2.9	620	37.0	113.5
K271813		<0.05	<0.1	0.005	0.04	0.7	1.1	13.00	195	0.10	0.01	0.4	2.0	250	1.5	1.6
K269367		0.08	1.2	0.040	2.49	21.3	7.2	0.79	588	1.44	2.29	8.0	2.4	620	46.0	98.7
K269368		0.13	1.0	0.257	3.21	40.3	12.4	0.82	2660	0.75	0.55	7.1	2.1	550	1035	163.5
K269378		0.13	1.3	0.039	2.60	20.3	9.8	0.69	649	1.25	2.14	8.2	2.7	630	20.0	102.0
K269379		0.15	0.8	1.205	2.56	23.2	23.9	0.66	2590	4.67	0.29	6.7	2.7	470	382	156.5
K269380		0.13	1.0	0.049	2.74	22.6	10.9	0.76	800	1.30	2.17	7.8	2.7	580	34.9	114.0
K269394		0.13	0.9	0.078	2.56	21.5	84.0	0.62	1040	0.69	0.07	7.9	2.2	600	69.0	112.5
K269395		0.11	0.8	1.390	2.54	21.7	16.6	0.87	6230	2.83	0.04	6.5	2.3	440	446	148.5
K269396		0.11	1.1	0.166	2.64	22.4	64.9	0.83	1500	1.08	0.01	8.9	2.3	630	1760	111.5
K269398		0.12	0.8	3.48	2.48	26.3	62.9	0.89	2680	1.58	0.03	7.0	2.2	480	569	141.0
K269399		0.10	1.0	0.071	2.86	20.2	16.0	0.94	1240	1.42	0.02	8.5	2.3	580	55.1	108.0
K269400		0.12	0.9	0.061	2.46	21.3	96.6	1.09	1460	0.71	0.02	8.1	1.9	570	23.0	97.3
G0561917		0.11	0.6	14.10	2.26	15.9	11.6	0.73	624	40.5	2.66	7.6	11.7	850	9620	71.6
K269401		0.10	1.0	0.047	1.97	25.6	142.5	0.70	917	0.62	0.03	8.6	2.1	590	32.5	96.6
K269402		0.14	1.0	0.411	2.78	26.2	24.1	1.03	2780	1.82	0.01	7.8	2.2	540	348	154.5
K269403		0.08	0.6	0.998	1.67	18.5	19.1	2.87	2990	5.74	0.01	4.5	1.4	280	432	105.5
K269404		0.15	1.0	0.083	2.97	29.9	15.2	1.08	2820	3.03	0.01	8.1	2.5	540	208	183.0
K269405		0.12	1.1	0.076	3.12	16.6	55.8	0.58	1250	1.48	0.10	9.0	2.4	590	74.9	115.0
K269406		0.14	1.2	0.216	3.50	29.7	32.1	0.87	1440	1.34	0.04	8.5	2.4	550	614	178.0
G0561918		1.02	0.6	6.86	0.41	7.0	7.2	0.84	387	40.4	0.02	1.9	62.9	380	>10000	16.9
K269407		0.16	0.9	2.46	2.48	19.9	48.8	0.61	1380	2.51	0.02	7.1	1.9	450	4690	148.5
K269409		0.11	1.4	0.054	2.97	20.5	20.8	0.67	628	1.91	1.82	9.2	2.4	580	25.1	114.5
K269424		0.12	1.0	0.090	2.95	25.7	36.0	0.78	1560	2.16	0.06	8.0	2.5	530	120.0	134.5
K269425		0.15	0.9	8.50	2.92	24.7	19.0	1.16	1290	2.13	0.06	7.3	2.2	530	5810	155.0
K269427		0.13	1.1	0.253	3.02	25.6	19.9	0.78	682	2.79	1.24	8.9	2.6	600	176.5	135.5
K269453		0.13	3.6	0.056	2.84	22.9	74.4	0.94	596	0.42	0.40	10.7	4.8	760	35.8	99.7
K269454		0.18	1.5	1.860	2.85	24.1	32.5	0.71	2330	4.52	0.10	7.5	3.6	530	1470	167.0
K269455		0.12	1.0	0.119	3.12	17.3	197.0	0.62	1260	3.12	0.08	8.7	2.2	580	123.0	124.5
K269457		0.17	1.1	1.720	2.60	23.3	43.5	0.46	1920	2.77	0.02	6.5	2.4	440	2600	183.0
K269458		0.11	1.1	0.062	2.97	20.9	73.5	0.72	963	1.88	1.07	8.6	2.4	570	79.9	129.0
K269459		0.16	0.8	6.97	2.61	20.3	15.4	0.47	1280	7.98	0.01	6.0	2.4	420	2520	182.0
K269461		0.13	1.1	0.069	2.94	20.9	22.5	0.78	896	2.30	1.72	8.9	2.5	610	37.1	118.5
K269462		0.13	1.1	0.075	3.11	22.6	19.3	0.79	824	0.73	1.72	8.8	2.6	600	46.2	133.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026723

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K972980		<0.002	1.11	13.55	10.3	1	1.7	142.5	0.58	0.09	11.0	0.216	2.83	4.2	61	3.5
K269365		0.004	>10.0	14.50	7.8	4	6.1	24.3	0.31	12.65	7.5	0.134	1.99	3.4	67	3.2
K269366		<0.002	0.55	1.92	11.0	2	2.5	314	0.59	0.15	9.0	0.250	1.51	2.9	74	2.9
K271813		<0.002	<0.01	0.11	0.3	2	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	3	0.1
K269367		<0.002	0.32	1.19	9.8	1	1.8	361	0.69	0.16	10.6	0.252	1.16	3.5	72	2.2
K269368		<0.002	1.53	16.10	9.5	2	2.6	145.0	0.61	0.10	12.2	0.226	2.72	4.3	64	3.1
K269378		<0.002	0.02	1.59	10.1	2	1.5	364	0.68	<0.05	10.5	0.251	1.13	3.6	68	1.7
K269379		<0.002	2.75	36.7	9.5	2	2.7	104.0	0.51	0.08	9.9	0.203	2.43	4.7	58	3.4
K269380		0.002	0.03	1.73	10.8	2	1.6	340	0.61	<0.05	11.5	0.249	1.24	3.3	67	2.5
K269394		<0.002	0.27	16.85	10.8	1	2.1	114.5	0.61	<0.05	11.5	0.241	2.11	3.5	65	3.5
K269395		<0.002	2.54	55.8	9.4	1	6.7	66.1	0.52	<0.05	10.6	0.194	2.96	4.8	55	6.3
K269396		<0.002	0.62	18.60	12.2	1	2.5	129.5	0.70	<0.05	11.8	0.272	2.91	4.2	79	3.4
K269398		<0.002	2.00	39.6	10.0	2	4.2	216	0.55	<0.05	11.8	0.211	2.54	3.9	58	4.1
K269399		<0.002	0.47	8.70	10.8	1	2.2	154.5	0.67	<0.05	11.1	0.256	2.82	4.9	70	4.9
K269400		<0.002	0.39	8.48	10.6	1	2.2	211	0.65	<0.05	11.5	0.243	2.54	4.3	65	4.9
G0561917		0.020	1.65	153.5	8.0	4	348	710	0.44	0.09	5.0	0.226	3.76	1.1	77	19.7
K269401		0.002	0.21	13.00	11.0	1	2.0	135.5	0.70	<0.05	13.7	0.254	2.14	3.7	68	2.4
K269402		<0.002	1.36	17.40	10.3	2	4.1	180.5	0.63	<0.05	13.0	0.224	3.15	6.7	61	5.4
K269403		<0.002	1.33	19.75	6.2	1	6.9	211	0.35	<0.05	7.7	0.127	1.86	3.8	36	4.7
K269404		<0.002	0.50	17.80	11.3	1	3.3	92.5	0.63	<0.05	14.0	0.232	3.79	5.8	65	8.4
K269405		<0.002	0.11	8.68	10.9	1	2.5	117.5	0.70	<0.05	10.2	0.268	2.27	2.8	72	4.7
K269406		0.002	1.17	12.95	11.1	1	3.9	104.5	0.72	<0.05	14.8	0.245	3.23	5.4	66	3.7
G0561918		0.033	>10.0	261	3.3	223	107.5	40.9	0.10	0.77	1.1	0.041	35.8	4.0	57	1.9
K269407		<0.002	6.28	46.1	9.0	3	16.0	94.6	0.59	0.09	11.3	0.193	2.64	3.9	51	3.2
K269409		<0.002	0.11	2.61	10.6	1	1.8	326	0.81	<0.05	11.7	0.256	1.63	4.4	69	1.3
K269424		<0.002	0.30	23.1	10.2	1	2.0	124.0	0.64	<0.05	11.6	0.226	2.78	3.8	61	4.2
K269425		<0.002	2.95	45.7	10.4	3	3.7	156.5	0.58	0.05	11.1	0.222	2.81	4.3	63	16.2
K269427		<0.002	0.52	5.62	11.7	2	2.1	245	0.71	0.09	13.9	0.254	1.72	4.8	70	2.7
K269453		<0.002	0.03	7.60	7.9	1	1.4	569	0.80	<0.05	8.6	0.294	1.73	5.0	71	1.4
K269454		<0.002	4.79	68.3	9.4	2	4.3	181.0	0.60	0.14	10.9	0.217	2.39	5.3	60	3.3
K269455		<0.002	0.73	9.64	10.6	1	2.4	200	0.70	<0.05	10.7	0.246	2.09	3.3	66	5.0
K269457		<0.002	6.08	105.5	8.7	2	6.9	90.8	0.53	0.17	10.8	0.183	2.61	4.0	53	5.3
K269458		0.002	0.31	5.98	11.0	1	2.0	271	0.70	<0.05	12.0	0.248	2.01	4.3	67	2.8
K269459		<0.002	5.78	57.2	8.9	2	6.8	54.4	0.47	0.08	10.4	0.176	2.64	4.5	50	4.6
K269461		<0.002	0.31	2.66	11.4	1	2.0	343	0.71	0.45	10.5	0.262	1.84	3.9	73	3.0
K269462		<0.002	0.26	3.36	11.4	1	2.1	352	0.69	0.14	11.4	0.263	1.96	4.3	72	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026723

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K972980		13.9	83	27.9				
K269365		7.5	2740	16.5				
K269366		15.1	82	28.8				
K271813		1.0	15	<0.5				
K269367		15.9	61	31.4				
K269368		13.9	1460	26.6				
K269378		14.9	49	37.8				
K269379		13.0	2190	24.2				
K269380		15.5	77	28.8				
K269394		13.6	232	25.7				
K269395		11.9	2500	21.2				
K269396		15.9	414	27.3				
K269398		13.0	7110	21.9				
K269399		15.0	157	26.4				
K269400		14.9	82	24.4				
G0561917		11.7	7050	14.6	106			
K269401		15.8	57	26.0				
K269402		14.6	1460	25.4				
K269403		10.7	4460	15.8				
K269404		13.3	428	26.2				
K269405		12.8	151	29.6				
K269406		15.6	910	30.7				
G0561918		7.6	>10000	17.6	162	1.280	1.570	9.35
K269407		11.7	>10000	22.7				1.295
K269409		16.1	66	34.2				
K269424		16.4	291	26.4				
K269425		16.2	>10000	23.4				2.10
K269427		16.0	596	29.3				
K269453		13.9	141	128.0				
K269454		12.9	7930	47.9				
K269455		13.7	212	25.8				
K269457		10.8	4020	31.8				
K269458		16.1	150	28.7				
K269459		10.1	9650	21.4				
K269461		15.9	90	27.2				
K269462		15.9	88	28.1				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026723

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026724

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

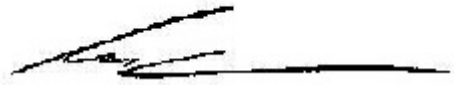
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269463		5.83	7.12	133.0	1680	1.49	6.05	2.29	38.9	48.9	6.2	6	18.15	78.0	4.17	16.20
K269464		10.35	6.93	355	760	1.42	4.29	1.74	48.5	47.8	6.3	7	15.05	119.5	6.52	15.45
K269465		0.13	7.19	8.4	2160	1.44	0.34	2.49	0.32	45.8	7.2	10	13.05	7.6	2.87	16.70
K269467		1.19	6.76	38.9	930	1.43	0.89	2.35	4.49	49.1	7.7	8	11.95	43.5	3.38	16.10
K269468		55.0	4.98	1085	330	0.94	52.7	1.14	16.55	26.8	10.4	5	10.35	1870	14.15	10.70
K269469		0.60	6.87	59.8	2580	1.55	0.55	2.66	2.96	41.5	7.4	8	15.30	22.6	3.19	16.75
K269470		0.64	7.15	14.4	2790	1.58	0.38	2.64	4.03	44.3	7.6	9	15.10	9.4	3.03	17.05
G0561919		>100	7.72	49.5	1600	1.28	1.59	2.40	59.0	32.3	12.6	19	2.63	4610	3.91	21.7
K269471		0.72	7.23	19.6	1960	1.54	1.23	2.01	0.83	50.7	7.4	6	18.05	11.4	3.24	15.90
K269472		0.60	7.16	34.8	1010	1.48	0.81	1.96	1.48	48.4	7.8	5	23.0	12.3	3.22	16.25
K269473		16.45	6.42	266	1300	1.47	10.35	1.32	216	45.2	6.1	6	20.7	244	3.47	14.60
K269474		3.55	6.96	106.0	1680	1.61	0.74	2.14	3.23	47.5	6.9	5	18.35	19.2	3.07	15.85
K269492		0.19	7.39	20.8	2640	1.59	0.29	2.41	0.69	44.9	7.2	10	14.85	5.3	2.83	16.40
K269493		15.90	4.94	1185	450	1.15	1.32	1.71	40.6	31.4	8.7	7	9.33	72.7	4.78	11.95
K269494		1.32	6.89	50.8	1300	1.25	0.87	2.15	6.29	50.0	6.4	6	20.4	16.0	3.02	15.30
G0561920		>100	1.36	920	290	0.30	60.6	1.81	508	12.10	27.4	32	0.73	>10000	17.05	17.85
K972159		8.76	5.49	315	230	1.73	9.96	1.01	21.8	32.5	101.5	2	32.6	198.0	11.60	11.70
K972160		2.11	3.53	88.3	550	1.17	2.04	6.27	10.60	30.1	144.5	4	9.66	22.3	5.66	6.22
K972161		0.45	3.13	19.3	870	0.97	0.53	6.26	1.06	27.8	25.6	4	13.60	4.4	2.14	6.50
K972162		1.71	3.99	68.5	440	0.94	2.50	5.59	3.89	41.5	60.7	4	15.90	26.6	4.94	7.86
K972163		1.24	3.12	88.7	300	0.70	1.91	8.15	5.48	36.6	117.0	4	15.55	17.9	5.65	5.99
K972164		4.44	3.20	224	200	0.96	5.00	4.69	18.20	25.8	106.0	3	22.1	73.6	9.14	6.28
K972165		7.95	4.70	345	70	0.98	15.70	2.06	8.09	15.45	109.0	4	18.80	69.5	16.55	10.50
K972166		5.86	7.03	239	170	2.09	7.91	1.61	5.18	39.4	128.0	7	45.1	167.0	9.94	15.65
K972167		3.11	3.89	198.0	230	1.35	4.17	1.03	2.72	25.3	125.0	4	29.0	57.4	6.75	7.94
K972168		3.97	4.23	157.0	290	1.18	4.16	0.72	8.94	38.7	105.0	5	16.90	99.6	5.02	9.34
K972169		11.45	3.36	314	250	0.95	14.85	1.41	14.60	19.80	300	6	21.2	152.0	12.60	6.74
K972171		15.60	5.84	176.0	390	1.42	28.9	1.08	6.51	39.7	87.4	7	13.90	94.7	5.79	12.90
K972172		5.79	6.17	294	260	2.27	6.97	0.48	16.25	47.5	139.5	8	33.2	108.0	8.27	12.65
K271852		0.02	0.12	<5	20	0.06	0.04	20.1	0.08	1.78	1.4	1	0.36	3.7	0.43	0.37
K972173		16.40	5.64	480	280	1.55	26.0	0.41	3.96	35.8	332	6	23.6	88.5	15.80	10.65
K972175		10.40	4.86	486	130	1.39	13.00	1.39	3.52	25.9	320	5	16.95	201	14.65	10.20
K972176		8.35	6.25	428	380	1.26	10.55	0.50	11.15	36.4	368	9	9.66	71.2	13.70	14.50
K972177		9.15	3.73	281	120	1.25	10.35	2.22	34.3	6.43	185.5	3	16.05	107.0	7.78	8.20
K972178		3.21	6.82	195.0	510	1.25	3.33	0.74	10.35	33.6	27.2	10	6.52	74.1	4.14	14.35
K972179		3.85	5.73	430	460	1.33	3.97	0.39	5.34	27.2	90.3	8	15.85	73.1	5.00	12.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269463		0.16	1.1	1.195	3.15	25.9	54.2	0.84	2270	1.19	0.36	7.4	2.4	530	802	170.5
K269464		0.20	0.9	0.418	3.11	25.0	55.1	0.70	1860	1.66	0.17	7.0	2.0	530	3090	177.0
K269465		0.16	1.0	0.045	2.63	23.4	12.9	0.69	524	2.61	2.01	7.9	2.2	570	24.5	116.5
K269467		0.18	0.9	0.098	3.24	24.9	25.8	0.60	1200	4.22	0.71	6.9	2.3	530	219	168.5
K269468		0.28	0.6	2.09	2.29	13.2	26.1	0.43	878	2.42	0.14	5.0	1.5	360	1015	128.0
K269469		0.14	1.0	0.082	2.92	19.8	34.5	0.71	1080	2.67	1.38	7.9	2.3	560	104.0	120.0
K269470		0.16	1.0	0.082	2.63	21.7	22.5	0.75	778	1.51	1.85	7.9	2.7	580	145.5	106.5
G0561919		0.15	0.6	13.30	2.18	16.4	11.4	0.71	601	41.4	2.53	7.1	11.6	830	9340	71.3
K269471		0.16	0.9	0.047	2.78	27.3	120.5	0.72	869	2.24	0.07	5.9	2.4	540	49.9	157.0
K269472		0.15	1.1	0.048	2.68	24.8	98.4	0.68	967	1.98	0.06	6.9	2.4	540	65.6	117.0
K269473		0.16	0.9	2.53	2.57	24.0	67.1	0.51	1260	6.15	0.14	6.6	2.3	460	2800	149.5
K269474		0.16	1.0	0.104	2.39	24.8	168.5	0.70	1320	4.13	0.59	7.2	2.0	550	154.5	123.0
K269492		0.16	1.0	0.045	2.83	21.9	76.6	0.72	852	2.76	1.68	8.0	2.2	560	26.9	117.5
K269493		0.16	0.7	0.767	2.14	15.9	27.3	0.66	4100	16.25	0.03	4.5	2.2	350	1140	150.5
K269494		0.15	0.9	0.123	2.76	27.7	64.2	0.80	1680	3.30	0.03	6.5	2.1	500	303	162.5
G0561920		1.12	0.6	6.87	0.40	6.7	7.7	0.84	387	38.2	0.02	1.8	51.5	380	>10000	16.7
K972159		0.25	0.6	0.473	2.02	18.3	35.9	0.50	716	15.05	0.03	4.0	4.1	290	902	135.5
K972160		0.20	0.5	0.487	1.25	17.9	49.7	1.10	1550	18.95	0.02	3.8	5.4	220	342	85.1
K972161		0.11	0.5	0.088	1.11	16.7	68.6	0.81	1230	4.02	0.02	3.3	1.6	210	43.1	73.1
K972162		0.17	0.6	0.150	1.20	27.1	65.2	0.82	1150	6.38	0.03	4.0	2.3	270	185.5	80.7
K972163		0.18	0.4	0.181	1.14	23.0	44.2	0.34	737	4.30	0.02	3.0	3.2	200	193.0	79.3
K972164		0.24	0.4	0.442	1.18	16.0	53.0	0.78	1040	10.70	0.02	2.8	3.7	140	385	79.3
K972165		0.38	0.4	0.385	1.85	8.1	23.7	0.53	562	9.93	0.03	2.6	3.5	250	421	111.0
K972166		0.28	1.0	0.353	2.49	21.3	36.8	0.64	605	11.75	0.03	6.5	4.6	480	235	151.5
K972167		0.19	0.6	0.220	1.36	14.6	57.0	0.40	353	13.45	0.03	3.9	4.6	260	228	97.5
K972168		0.17	0.6	0.351	1.68	24.3	59.6	0.34	287	11.15	0.02	4.5	3.6	310	259	122.0
K972169		0.29	0.4	0.647	1.21	10.9	36.2	0.54	593	14.00	0.02	2.8	6.7	180	700	82.0
K972171		0.21	0.8	0.339	2.41	22.1	31.7	0.49	508	14.00	0.03	6.0	3.4	430	486	168.0
K972172		0.24	1.2	0.460	1.71	28.8	43.4	0.32	256	29.9	0.03	7.0	4.5	460	556	125.5
K271852		0.05	<0.1	<0.005	0.05	0.8	1.6	12.20	188	0.12	0.01	0.4	1.2	330	3.5	2.6
K972173		0.36	0.9	0.381	1.82	20.0	23.6	0.28	228	28.5	0.03	5.5	6.5	310	529	126.0
K972175		0.35	0.7	0.386	1.61	13.9	26.7	0.50	770	47.2	0.03	4.1	7.2	230	274	104.0
K972176		0.34	0.9	0.364	2.76	20.3	11.3	0.34	246	65.3	0.03	6.5	7.2	720	663	174.5
K972177		0.20	0.4	1.365	1.35	1.5	38.7	0.56	1030	55.5	0.02	3.0	5.0	230	504	86.4
K972178		0.16	0.8	0.400	3.14	17.3	8.0	0.49	1370	3.77	0.03	6.0	2.1	500	488	201
K972179		0.17	0.7	0.291	2.39	14.7	29.2	0.35	742	12.40	0.02	5.1	3.0	380	296	158.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269463		<0.002	1.57	6.96	9.5	1	4.4	172.0	0.59	0.13	11.7	0.229	2.57	4.3	63	3.0
K269464		<0.002	4.53	11.90	9.5	1	5.0	112.5	0.56	0.12	10.8	0.221	2.56	4.2	61	4.5
K269465		<0.002	0.56	1.58	9.9	1	1.7	519	0.64	0.16	11.9	0.245	1.37	4.1	66	4.4
K269467		<0.002	1.79	2.90	9.8	1	2.5	241	0.57	0.35	11.5	0.213	2.30	4.7	62	4.1
K269468		<0.002	>10.0	33.7	6.3	1	8.3	79.6	0.41	0.36	6.8	0.156	1.69	3.2	42	2.5
K269469		<0.002	0.86	4.36	9.5	1	2.3	331	0.62	0.13	10.2	0.242	1.79	3.7	66	3.6
K269470		<0.002	0.71	2.68	9.9	1	1.8	621	0.62	0.15	11.2	0.249	1.40	3.8	67	2.3
G0561919		0.023	1.61	148.5	7.1	4	345	691	0.41	0.14	5.2	0.229	3.59	1.2	78	19.3
K269471		<0.002	2.12	11.05	9.4	1	1.7	153.5	0.49	0.33	12.6	0.185	2.22	5.4	59	4.5
K269472		<0.002	1.65	11.05	9.6	1	1.8	163.5	0.58	0.27	12.4	0.222	2.02	5.8	64	4.7
K269473		<0.002	2.61	33.0	8.3	2	2.4	121.5	0.56	0.12	11.7	0.204	2.37	4.8	56	4.7
K269474		<0.002	1.12	14.05	9.4	1	1.7	211	0.57	0.13	12.1	0.231	2.13	4.2	64	6.1
K269492		<0.002	0.46	4.96	9.8	1	1.5	340	0.64	0.08	12.0	0.252	1.49	3.8	64	1.9
K269493		<0.002	3.59	97.4	7.4	1	4.0	128.5	0.37	0.15	7.5	0.142	2.36	5.3	44	4.2
K269494		<0.002	1.59	15.65	9.1	1	1.7	137.5	0.54	0.20	11.7	0.211	2.62	6.0	58	3.5
G0561920		0.031	>10.0	262	2.7	227	113.5	42.6	0.10	0.81	1.0	0.052	31.7	4.1	56	1.7
K972159		0.002	>10.0	76.2	6.8	3	10.4	40.9	0.34	1.51	6.9	0.129	1.81	7.1	44	5.3
K972160		0.004	4.84	46.7	5.1	3	2.3	122.5	0.28	0.81	7.1	0.093	1.19	7.0	31	2.4
K972161		<0.002	0.95	57.5	6.3	2	2.1	141.5	0.27	0.20	6.1	0.088	1.05	6.4	34	2.4
K972162		<0.002	4.15	46.7	5.9	2	3.5	149.0	0.30	0.62	7.5	0.104	1.13	6.8	37	3.4
K972163		0.002	5.79	42.5	3.4	2	3.9	211	0.24	0.67	6.0	0.076	1.02	8.1	24	3.3
K972164		0.002	9.44	58.3	3.3	4	5.6	95.7	0.21	1.04	5.9	0.078	1.09	9.1	24	3.1
K972165		0.003	>10.0	27.5	5.1	4	11.1	50.2	0.18	3.06	6.3	0.088	1.59	5.2	37	5.0
K972166		0.003	9.20	63.4	9.7	3	11.2	66.6	0.53	1.60	11.9	0.191	2.33	18.0	60	7.7
K972167		0.002	6.70	60.2	5.2	3	6.6	41.6	0.30	1.06	7.3	0.109	1.40	6.4	31	4.1
K972168		0.003	4.87	67.7	6.0	2	10.7	29.7	0.34	0.86	7.5	0.123	1.34	4.0	34	4.0
K972169		0.003	>10.0	61.2	3.8	4	10.5	35.6	0.21	5.51	4.7	0.078	1.14	3.3	24	4.8
K972171		0.003	5.22	43.2	9.8	2	15.5	36.9	0.44	1.29	10.2	0.166	1.95	5.0	53	6.6
K972172		0.004	7.73	49.9	7.5	3	11.9	39.0	0.54	1.24	13.2	0.188	1.94	8.5	52	10.2
K271852		<0.002	0.05	0.22	0.3	2	<0.2	46.3	<0.05	<0.05	0.6	<0.005	0.02	1.3	3	0.1
K972173		0.006	>10.0	48.2	5.0	4	11.7	31.8	0.46	4.38	9.8	0.148	2.28	6.0	39	9.2
K972175		0.006	>10.0	85.6	3.7	5	11.7	56.7	0.33	3.01	6.1	0.111	1.84	4.8	36	8.8
K972176		0.007	>10.0	43.8	7.2	6	11.1	23.8	0.54	3.48	10.3	0.204	2.34	5.1	46	9.2
K972177		0.002	8.12	73.7	3.3	3	8.1	68.7	0.23	1.70	3.3	0.092	1.96	9.9	29	7.4
K972178		<0.002	2.89	14.35	9.9	1	7.7	18.0	0.47	0.32	11.6	0.190	2.38	2.5	52	3.9
K972179		<0.002	4.41	37.4	7.6	2	8.7	22.5	0.40	0.94	9.3	0.165	2.01	5.0	45	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026724

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269463		13.3	3020	29.9				
K269464		12.4	4450	23.1				
K269465		15.4	60	24.9				
K269467		13.3	445	23.9				
K269468		9.7	1330	15.6				
K269469		14.2	234	25.2				
K269470		14.9	283	26.1				
G0561919		11.2	7500	15.7	100			
K269471		12.5	87	24.2				
K269472		13.8	145	27.1				
K269473		12.1	>10000	22.4				1.540
K269474		13.2	260	25.6				
K269492		15.2	83	24.5				
K269493		8.9	3380	18.7				
K269494		13.4	508	24.9				
G0561920		7.1	>10000	17.8	163	1.295	1.510	9.76
K972159		8.7	1960	15.4				
K972160		12.8	933	13.2				
K972161		10.3	119	14.0				
K972162		9.9	413	16.5				
K972163		7.5	558	11.9				
K972164		6.5	1880	11.2				
K972165		5.8	635	11.8				
K972166		8.5	527	28.2				
K972167		6.4	232	15.4				
K972168		7.6	824	17.0				
K972169		6.1	1400	9.6				
K972171		9.6	643	22.0				
K972172		12.0	1560	35.3				
K271852		1.0	16	0.8				
K972173		9.3	364	25.3				
K972175		7.6	278	18.9				
K972176		10.1	1220	26.4				
K972177		7.2	2630	11.9				
K972178		8.5	1140	21.6				
K972179		9.0	577	18.5				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026724

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026780

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

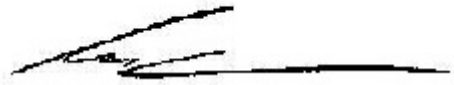
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972180		3.52	4.54	446	290	1.00	1.88	1.77	41.4	38.3	13.6	12	8.20	33.0	4.71	11.55
K972199		0.26	7.88	28.3	1110	1.47	0.23	1.80	0.50	56.1	8.4	11	15.70	4.5	3.03	17.40
K972200		45.9	7.34	162.0	1630	1.44	71.4	1.84	41.1	49.9	9.4	10	22.4	288	4.11	16.40
K972201		0.48	8.03	128.0	1220	1.48	0.22	2.10	5.77	56.6	8.7	13	26.6	14.0	3.02	18.10
K972203		0.54	7.52	59.5	1320	1.74	0.47	2.63	0.84	47.8	8.5	14	20.6	16.1	3.78	17.30
K972204		6.06	6.91	1315	1270	1.49	2.03	2.01	19.05	48.4	9.1	12	15.05	215	4.85	15.50
K972205		1.13	7.01	194.0	1250	1.70	0.49	2.81	5.85	49.8	6.8	14	16.80	15.6	4.69	15.50
K271858		0.02	0.10	7	30	0.09	0.04	21.3	0.12	1.77	1.5	1	0.25	1.8	0.43	0.33
K972206		4.46	6.37	204	1140	1.40	4.89	2.49	31.0	44.6	19.8	15	10.50	73.5	4.31	14.70
K972207		1.08	6.91	108.0	1100	1.40	0.65	3.35	1.40	43.3	10.0	13	12.05	61.1	2.62	15.10
K972209		3.76	4.77	301	350	1.12	3.28	2.75	9.24	20.9	199.0	10	9.65	57.6	7.50	10.75
K972210		4.61	6.69	225	190	1.42	4.12	0.41	15.15	20.5	31.8	13	5.45	120.0	5.02	15.85
K972211		60.5	5.03	763	560	1.04	67.2	1.65	386	38.5	13.3	13	9.45	733	7.22	12.30
K972212		2.49	7.36	126.0	1060	1.41	2.15	1.79	20.6	53.6	12.7	7	14.75	43.3	3.08	16.50
K972217		1.44	7.66	74.0	1440	1.63	0.78	2.91	5.42	85.9	6.4	7	11.45	44.6	2.90	16.80
G0561921		>100	7.96	45.8	1600	1.47	1.64	2.50	60.3	31.1	14.5	22	2.70	4720	4.17	22.0
K972218		27.5	5.76	1760	1050	1.22	16.00	1.58	90.3	30.0	5.2	7	7.99	475	5.86	13.55
K972220		2.47	7.30	91.3	1190	1.33	0.46	2.09	24.4	42.5	2.8	8	8.44	23.5	3.13	16.20
K972225		7.32	7.40	215	580	1.29	6.24	1.41	21.8	54.9	10.6	10	20.0	140.5	4.08	16.85
K972226		2.52	7.63	3030	840	1.73	0.46	1.50	20.2	51.7	10.1	12	18.95	19.7	4.53	16.25
K972227		7.73	6.48	502	750	1.38	0.41	2.89	12.85	41.9	7.0	9	14.95	242	3.63	13.85
K972233		0.27	7.51	20.4	1560	1.96	0.13	1.81	0.65	65.8	5.4	15	20.4	6.5	2.56	19.45
K972234		13.05	5.76	1075	700	1.12	4.50	3.91	55.9	34.3	5.1	6	16.25	51.6	4.68	12.50
K972235		5.47	7.37	229	930	1.40	0.58	2.15	18.35	46.9	5.3	10	17.95	210	4.08	15.20
K972242		0.25	7.32	16.2	1420	1.56	0.10	3.71	0.25	54.1	6.2	11	27.0	6.6	2.68	17.95
K972243		20.0	6.90	1100	570	1.40	5.42	0.54	83.2	41.7	9.0	10	13.70	214	6.28	16.10
K972244		6.79	7.30	704	470	1.57	0.59	1.02	15.35	53.1	9.1	10	13.70	197.5	5.02	15.95
K972636		0.21	7.51	14.6	2150	1.57	0.19	2.87	0.82	48.7	7.3	13	13.95	7.2	3.33	16.10
K972637		9.59	7.02	140.0	320	1.37	7.75	2.55	174.5	48.8	11.5	11	13.15	183.0	4.92	15.00
G0561922		>100	1.37	877	270	0.26	57.6	1.76	512	12.10	26.4	31	0.69	>10000	17.00	15.95
K972639		6.81	7.33	1020	1970	1.58	12.10	2.50	8.78	44.8	7.0	10	17.20	64.2	3.43	15.35
K972640		0.83	7.00	27.9	1710	1.30	0.71	2.28	0.60	42.9	6.2	11	15.20	131.0	3.06	15.15
K972641		1.34	7.33	1540	1130	1.50	0.46	1.92	20.7	48.5	6.2	11	18.70	18.2	3.89	15.25
K972642		0.16	7.17	8.1	2080	1.46	0.11	2.47	0.24	45.5	5.8	11	14.70	8.2	2.78	15.50
K972643		>100	3.28	3030	350	0.54	468	1.25	37.4	22.1	24.6	6	5.60	1575	23.7	6.98
K972644		10.25	7.48	30.7	2060	1.52	20.1	2.57	2.81	52.0	7.3	10	14.35	36.9	3.41	16.60

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K972180		0.15	0.4	1.370	2.02	19.7	22.3	0.73	2700	3.00	0.03	4.1	2.6	350	662	126.5
K972199		0.15	1.0	0.074	2.09	29.7	111.0	0.63	916	1.71	0.06	8.4	1.9	630	21.7	89.9
K972200		0.19	0.9	1.565	1.56	26.4	148.0	0.65	992	2.43	0.03	7.7	2.4	570	779	81.0
K972201		0.16	1.0	0.095	3.04	30.3	24.7	0.83	912	1.71	0.04	8.5	2.1	630	74.8	131.5
K972203		0.16	1.0	0.079	2.64	23.6	170.0	0.67	1220	1.62	0.08	8.1	2.1	600	36.0	91.5
K972204		0.19	0.8	0.479	2.97	26.5	19.4	0.82	1960	4.85	0.03	6.7	2.2	520	620	171.5
K972205		0.19	0.9	0.172	3.02	27.5	15.5	1.15	3270	2.11	0.03	7.4	2.1	500	217	166.5
K271858		0.05	<0.1	0.005	0.04	0.8	1.4	12.85	193	0.10	0.01	0.3	<0.2	830	3.1	1.9
K972206		0.15	0.8	1.580	2.86	23.9	20.5	1.00	1320	3.48	0.04	6.2	2.6	480	295	178.5
K972207		0.14	0.9	0.118	2.85	22.2	64.6	1.05	1140	2.23	0.04	6.7	2.1	540	49.8	159.0
K972209		0.18	0.5	0.356	2.06	10.4	19.3	0.54	845	15.10	0.03	3.8	5.2	310	273	120.0
K972210		0.16	0.8	0.684	3.36	9.5	5.3	0.41	785	14.85	0.03	5.1	2.4	470	366	207
K972211		0.19	0.6	7.09	2.19	21.2	18.6	0.54	2240	11.90	0.03	4.8	2.9	370	2190	112.5
K972212		0.15	1.1	0.563	2.64	28.4	68.2	0.50	1070	1.76	0.07	7.9	2.1	580	183.5	120.0
K972217		0.16	0.8	0.206	3.09	51.1	121.5	0.95	1580	0.68	0.06	7.1	2.5	630	192.5	165.5
G0561921		0.15	0.4	14.45	2.32	15.7	13.4	0.71	622	39.4	2.66	7.1	12.3	840	9340	60.2
K972218		0.18	0.6	2.85	2.67	15.2	20.1	0.34	1840	17.70	0.04	5.2	1.9	420	1500	140.0
K972220		0.14	1.0	0.265	3.35	23.3	35.8	0.68	1840	1.34	0.06	6.9	2.7	540	997	193.0
K972225		0.15	1.1	0.718	3.22	28.6	27.3	0.63	1180	3.34	0.05	7.3	2.4	530	415	195.5
K972226		0.14	1.0	0.735	2.84	28.7	116.0	0.67	1160	3.48	0.04	8.0	2.5	610	491	178.0
K972227		0.14	0.9	0.249	2.80	22.3	16.7	1.03	3420	6.68	0.03	6.3	2.2	460	447	175.0
K972233		0.14	3.5	0.019	2.62	33.6	224	0.81	607	1.78	0.05	10.8	4.9	1020	23.0	98.7
K972234		0.13	0.9	0.469	2.26	17.6	31.1	1.09	5600	4.90	0.03	5.5	2.5	450	744	135.0
K972235		0.14	1.0	0.385	3.12	24.4	68.4	0.78	2280	0.55	0.05	6.9	2.0	540	307	183.0
K972242		0.19	3.3	0.022	2.92	26.3	32.0	1.08	594	0.94	0.30	9.9	4.2	750	19.2	123.5
K972243		0.14	1.6	0.865	2.97	20.4	27.1	0.50	1080	6.64	0.04	7.5	3.0	540	2100	187.0
K972244		0.14	1.2	0.225	3.29	25.5	18.8	0.67	2420	1.82	0.03	7.3	2.7	540	754	216
K972636		0.13	1.2	0.063	2.86	23.2	21.1	0.80	910	0.80	1.80	8.4	5.1	610	36.2	121.0
K972637		0.14	1.1	2.55	3.02	24.5	27.4	0.72	1680	0.57	1.06	7.1	2.1	510	672	138.0
G0561922		0.97	0.6	6.51	0.40	6.9	7.3	0.83	386	34.1	0.02	1.8	53.6	390	>10000	16.4
K972639		0.12	1.1	0.181	2.93	23.1	80.9	0.70	1010	0.99	1.24	7.8	2.7	570	123.5	131.5
K972640		0.12	1.0	0.060	2.48	20.7	219	0.72	682	0.58	1.03	7.7	2.2	580	22.0	103.0
K972641		0.12	1.1	0.364	2.70	25.1	202	0.69	2490	0.69	0.37	7.3	2.3	540	155.0	140.5
K972642		0.14	1.1	0.032	2.87	21.8	64.4	0.69	565	0.57	1.60	8.0	2.0	550	17.0	118.5
K972643		0.15	0.4	1.730	1.50	10.9	21.0	0.52	1340	1.66	0.06	3.0	1.6	210	1130	88.8
K972644		0.13	1.2	0.131	3.06	25.3	27.1	0.74	846	1.91	1.70	8.2	2.3	580	130.0	132.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K972180		<0.002	3.25	24.5	7.0	2	4.6	54.2	0.33	0.13	6.9	0.131	2.00	6.6	43	3.0
K972199		<0.002	0.50	18.95	12.2	2	2.9	84.1	0.75	0.05	13.2	0.255	1.59	3.4	74	4.7
K972200		<0.002	1.76	108.0	11.2	2	3.2	145.5	0.69	0.08	12.1	0.238	1.55	3.9	68	10.6
K972201		<0.002	0.74	8.76	11.8	2	2.5	250	0.72	<0.05	13.5	0.260	3.06	3.4	74	4.3
K972203		<0.002	0.42	15.60	10.8	1	2.4	150.0	0.69	0.06	11.2	0.251	2.12	3.0	71	3.7
K972204		0.002	3.12	89.0	10.2	2	5.2	74.9	0.59	0.07	10.9	0.223	3.06	4.5	63	6.2
K972205		<0.002	1.88	14.65	10.1	1	3.2	84.0	0.71	<0.05	13.0	0.220	3.52	5.5	60	6.7
K271858		<0.002	0.03	0.44	0.4	1	<0.2	49.6	<0.05	<0.05	0.2	<0.005	0.02	1.2	3	0.2
K972206		<0.002	2.71	22.9	10.3	2	4.3	82.1	0.55	0.20	11.0	0.201	2.82	5.4	61	4.5
K972207		<0.002	0.76	30.8	10.8	2	2.7	126.0	0.57	0.14	13.1	0.211	2.41	7.1	63	6.4
K972209		0.003	7.25	30.4	6.4	3	7.7	108.0	0.33	0.58	7.5	0.121	1.83	8.8	43	4.6
K972210		0.006	4.51	33.9	10.3	1	5.6	23.0	0.45	0.26	9.5	0.179	2.51	4.5	65	5.6
K972211		0.002	7.71	62.6	7.2	4	8.6	62.3	0.44	0.27	8.5	0.154	2.24	4.2	45	4.5
K972212		<0.002	1.30	19.55	11.4	2	5.0	91.7	0.79	0.10	14.0	0.235	2.09	4.2	65	3.8
K972217		0.002	1.02	24.7	11.9	2	4.3	87.0	0.61	0.06	12.4	0.236	2.78	4.4	71	3.5
G0561921		0.023	1.68	158.0	7.6	5	351	717	0.44	0.13	5.0	0.239	3.77	1.1	83	20.4
K972218		0.002	5.14	113.0	8.3	2	5.4	41.7	0.46	0.20	9.0	0.174	2.56	4.2	53	3.8
K972220		0.003	1.23	8.07	10.4	<1	3.3	44.4	0.52	<0.05	12.2	0.222	2.74	4.0	65	2.8
K972225		0.003	2.64	18.45	10.4	1	4.1	69.0	0.60	0.44	12.7	0.232	2.74	5.1	63	4.4
K972226		0.003	2.36	21.5	12.1	<1	4.1	141.0	0.66	<0.05	12.9	0.265	2.66	4.2	72	3.7
K972227		0.004	2.05	79.6	8.8	1	3.1	76.6	0.51	<0.05	11.2	0.203	2.85	5.8	55	4.8
K972233		0.002	0.07	21.3	5.3	<1	1.7	326	0.75	<0.05	9.5	0.297	1.22	3.8	47	2.4
K972234		0.004	3.73	33.9	7.3	<1	7.7	171.5	0.43	0.08	8.6	0.181	2.33	2.9	47	4.2
K972235		0.002	2.02	32.4	9.4	<1	3.1	116.0	0.60	<0.05	12.8	0.236	2.90	4.2	63	4.3
K972242		<0.002	0.07	10.30	7.8	1	1.3	559	0.77	<0.05	9.1	0.284	1.89	4.7	66	2.0
K972243		<0.002	4.68	29.7	8.7	<1	11.0	117.5	0.59	0.06	9.5	0.232	2.42	4.3	62	4.5
K972244		0.003	2.73	47.8	10.8	1	4.7	54.4	0.63	0.08	12.3	0.232	3.11	5.1	65	4.4
K972636		0.003	0.14	2.07	10.9	1	1.7	334	0.67	0.08	12.9	0.262	1.47	4.4	70	1.5
K972637		0.003	2.91	13.55	9.3	1	3.2	239	0.64	0.08	12.2	0.222	1.69	4.6	59	1.3
G0561922		0.031	>10.0	265	3.0	219	97.5	40.5	0.09	0.78	1.5	0.042	35.7	4.5	56	1.5
K972639		<0.002	0.77	23.8	9.7	<1	2.1	269	0.70	<0.05	12.1	0.242	1.86	4.4	65	1.8
K972640		0.003	0.16	32.4	10.0	1	1.9	263	0.67	<0.05	11.1	0.257	1.58	3.0	68	2.0
K972641		0.002	0.87	22.1	9.6	<1	2.9	164.5	0.67	0.09	12.9	0.238	2.33	4.1	64	3.3
K972642		0.002	0.05	4.14	9.6	1	1.7	320	0.69	<0.05	12.1	0.245	1.51	4.0	65	0.7
K972643		0.002	>10.0	128.0	4.2	1	5.2	43.2	0.26	1.01	4.9	0.091	1.24	2.2	27	1.3
K972644		0.003	0.47	6.71	10.4	<1	2.0	312	0.67	0.09	13.2	0.250	1.63	4.3	67	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K972180		7.6	2940	14.3				
K972199		13.7	74	31.7				
K972200		14.6	2560	29.4				
K972201		13.8	545	31.2				
K972203		13.1	95	31.2				
K972204		10.9	1420	25.4				
K972205		11.4	510	27.8				
K271858		1.0	20	<0.5				
K972206		11.3	1920	26.5				
K972207		11.5	138	27.9				
K972209		6.9	684	15.8				
K972210		6.2	1180	21.8				
K972211		8.8	>10000	21.0				2.81
K972212		12.8	1340	31.1				
K972217		12.0	458	26.3				
G0561921		9.9	7750	15.4	102			
K972218		8.5	6930	20.5				
K972220		11.0	1700	24.4				
K972225		12.3	1640	27.8				
K972226		12.7	1340	26.4				
K972227		10.7	1120	23.4				
K972233		9.0	192	129.5				
K972234		8.9	5270	26.0				
K972235		12.0	1400	26.7				
K972242		13.7	70	122.0				
K972243		11.4	5240	52.7				
K972244		13.0	1010	27.6				
K972636		16.8	89	30.7				
K972637		14.0	>10000	25.9				1.175
G0561922		7.3	>10000	18.5	165	1.230	1.515	9.28
K972639		15.0	774	27.0				
K972640		13.8	93	24.0				
K972641		12.6	1470	24.7				
K972642		14.8	44	27.0				
K972643		7.7	2850	10.8	229			
K972644		15.4	268	30.6				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026780

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026781

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

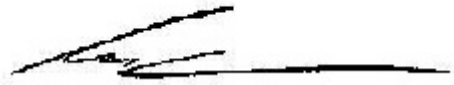
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972646		4.10	7.59	396	1780	1.49	2.83	2.06	7.82	42.7	6.1	7	18.10	120.5	3.48	16.55
L828612		1.80	7.48	142.0	1310	1.72	0.40	2.19	29.0	38.5	5.1	9	14.45	32.8	3.62	16.80
L828613		4.40	6.98	1380	480	1.41	0.87	1.32	9.22	41.6	6.2	5	14.55	27.3	5.34	16.85
L828614		0.20	7.82	13.5	2000	1.65	0.12	1.78	1.23	73.6	4.2	5	16.85	7.1	4.05	16.95
L828621		1.22	7.49	184.0	1440	1.42	0.58	1.75	9.00	101.0	5.2	6	10.90	24.5	2.99	16.15
L828622		3.32	6.47	1735	660	1.28	1.51	2.33	46.2	32.4	5.6	6	10.80	145.0	3.46	14.65
G0561923		>100	7.98	45.1	1490	1.32	1.52	2.40	50.5	26.8	12.5	20	2.34	4660	3.85	21.8
L828623		6.90	6.39	709	610	1.32	3.29	0.70	53.2	31.9	8.1	5	14.05	95.0	5.67	14.95
L828625		3.11	7.04	825	650	1.51	1.06	1.55	16.85	45.7	7.4	6	15.25	43.6	4.02	15.00
L828626		8.36	6.94	4440	1010	1.37	5.62	1.71	160.0	37.6	9.3	4	19.10	172.5	4.31	14.95
L828627		0.59	7.46	31.3	1100	1.52	0.53	2.52	2.91	40.9	6.1	7	12.30	4.8	2.86	16.85
L828628		0.63	7.45	243	1510	1.64	0.51	2.49	2.09	43.8	5.6	7	12.50	9.4	2.68	17.40
L828629		24.4	7.38	160.5	1460	1.48	21.1	2.10	46.5	36.7	20.3	7	12.95	413	5.11	16.15
L828630		0.59	7.38	30.3	1610	1.66	0.45	2.59	3.03	42.9	5.2	6	10.80	4.8	2.75	16.75
L828631		2.03	7.79	2130	1420	1.56	1.52	2.48	14.65	54.3	6.4	7	12.15	22.9	3.06	16.75
L828632		2.01	8.04	86.7	1670	1.69	1.47	2.46	15.65	72.4	5.2	7	11.05	20.8	2.69	18.25
G0561924		>100	1.47	1200	160	0.28	56.2	1.83	545	11.85	25.9	31	0.69	>10000	17.65	18.45
L828655		0.67	6.86	321	1770	1.48	0.17	2.16	3.39	42.7	6.2	8	15.40	6.5	2.72	16.45
L828656		33.9	5.64	9110	870	1.24	7.44	1.90	59.8	60.6	10.8	6	7.63	383	5.53	13.40
L828658		7.90	7.13	146.5	800	1.56	0.29	2.98	30.7	43.4	11.5	8	8.19	49.5	3.51	17.15
L828659		13.75	7.10	235	570	1.59	0.65	2.41	85.6	36.3	9.7	8	7.63	124.0	4.05	16.20
L828669		0.30	6.97	23.9	2060	1.69	0.35	2.44	0.37	44.4	6.1	9	13.50	29.4	2.79	16.95
L828670		>100	5.74	1370	2150	1.48	2.26	4.07	33.1	42.8	7.4	7	18.35	1400	6.29	13.10
L828672		0.17	6.79	16.2	1310	2.04	0.12	2.45	0.41	47.9	5.4	13	21.1	8.1	2.28	20.8
L828698		0.85	7.16	41.5	1490	1.57	0.61	1.88	1.50	46.9	5.5	8	10.85	79.8	2.87	17.50
L828699		26.3	6.38	1640	490	1.34	23.3	0.45	19.85	44.9	14.8	9	6.18	485	8.60	15.35
K272061		0.02	0.10	<5	30	0.08	0.05	20.7	0.11	1.53	1.2	3	0.22	3.0	0.43	0.28
L828700		0.64	7.31	76.4	1120	1.42	0.87	2.57	2.57	56.5	8.6	9	11.10	18.0	3.04	17.85
L829279		1.12	5.87	47.2	90	3.25	0.43	0.20	4.26	18.45	0.5	2	22.4	13.2	0.74	19.60
L829280		33.0	4.02	343	450	1.70	8.09	5.37	236	26.9	3.0	3	11.05	254	5.83	10.15
L829281		7.41	6.73	503	1730	1.88	0.76	1.03	61.2	46.7	4.8	7	17.90	35.9	4.77	16.60
L829305		1.17	7.30	40.5	1610	1.58	0.21	2.10	5.09	47.3	4.3	9	14.25	6.2	3.02	18.20
L829306		39.6	6.91	2370	670	1.52	3.07	1.28	126.5	48.7	4.7	8	15.70	293	5.68	17.65
L829307		13.55	7.18	55.1	1530	1.51	0.77	1.62	40.7	45.1	5.1	9	19.75	65.6	2.76	17.90
L829365		0.90	7.21	39.1	770	1.52	1.42	2.00	1.50	21.4	16.8	15	8.35	3.3	4.23	16.70
L829367		15.75	5.81	3040	720	1.26	3.00	2.90	8.81	15.25	32.3	12	7.03	52.2	7.69	13.40

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K972646		0.18	1.0	0.305	3.05	23.9	78.3	0.58	2270	0.79	0.88	7.8	2.3	560	287	136.5
L828612		0.18	1.2	0.353	3.11	21.0	84.0	0.69	1120	0.77	0.06	8.0	2.1	590	319	125.0
L828613		0.20	0.8	0.294	2.97	21.7	17.1	0.65	2770	1.70	0.02	6.4	2.4	500	926	176.0
L828614		0.21	0.9	0.061	3.22	45.8	37.2	0.77	1420	0.61	0.06	7.3	2.2	640	51.0	170.0
L828621		0.21	1.0	0.194	3.02	66.0	37.0	0.73	1160	0.60	0.03	6.7	1.6	620	347	204
L828622		0.17	0.8	0.980	2.55	19.0	40.1	0.69	1730	1.26	0.05	4.7	2.2	440	326	159.5
G0561923		0.18	0.5	12.20	2.26	14.6	11.4	0.70	626	36.0	2.57	6.8	12.2	850	9660	60.0
L828623		0.18	0.8	1.345	2.70	18.5	21.4	0.52	5030	8.36	0.02	5.5	2.4	490	1615	156.5
L828625		0.18	0.8	0.372	2.65	27.4	54.2	0.71	2140	8.97	0.02	6.7	2.4	540	1175	152.0
L828626		0.19	0.8	5.00	2.69	22.2	23.6	0.60	1780	1.84	0.02	6.1	2.5	510	764	159.0
L828627		0.18	1.0	0.067	3.02	24.1	41.6	0.79	1140	1.18	0.04	6.5	2.4	610	67.3	135.5
L828628		0.19	0.9	0.151	3.04	24.6	79.1	0.58	952	0.63	0.12	7.6	2.5	620	97.4	120.0
L828629		0.23	0.8	1.080	3.24	22.1	12.4	0.84	2130	1.63	0.03	6.2	3.0	580	1790	199.0
L828630		0.17	0.9	0.053	3.16	24.5	53.4	0.72	1060	1.33	0.26	7.3	2.2	610	94.0	125.5
L828631		0.20	0.9	0.359	3.49	34.5	16.5	0.96	1180	2.39	0.04	6.1	2.7	570	256	179.0
L828632		0.20	0.9	0.296	3.60	46.5	15.6	0.97	1220	3.06	0.04	6.0	2.5	640	487	166.0
G0561924		1.05	0.5	6.64	0.43	7.0	7.5	0.87	422	34.3	0.02	1.8	54.9	420	>10000	15.8
L828655		0.14	1.1	0.060	2.55	23.3	89.4	0.54	697	0.61	0.25	7.9	2.2	530	190.5	108.0
L828656		0.18	0.9	1.375	2.49	37.5	14.9	0.56	1160	1.70	0.03	5.8	2.1	410	8590	152.5
L828658		0.16	0.9	0.246	3.18	22.7	8.7	0.64	1340	0.64	0.05	7.1	2.5	550	3290	182.5
L828659		0.17	1.0	0.958	3.01	18.0	10.6	0.72	892	0.98	0.05	6.8	1.7	540	5590	206
L828669		0.16	1.1	0.070	2.64	22.8	19.0	0.68	582	1.59	1.73	8.6	2.5	540	52.1	110.0
L828670		0.19	1.5	0.660	2.20	22.7	77.7	0.62	2480	7.25	0.15	6.4	3.5	560	4120	116.0
L828672		0.14	3.0	0.032	2.53	24.0	106.5	0.69	487	1.01	0.53	11.3	5.1	960	35.9	80.4
L828698		0.17	1.0	0.071	2.97	25.3	24.5	0.71	1120	0.42	0.04	7.6	2.2	560	133.5	161.5
L828699		0.24	0.9	0.593	2.93	25.3	8.4	0.34	472	5.23	0.03	5.4	2.6	480	1030	204
K272061		<0.05	<0.1	0.005	0.04	0.7	1.6	13.05	185	0.23	0.01	0.3	2.5	200	3.7	1.8
L828700		0.15	1.1	0.126	3.18	31.9	91.8	0.92	809	0.47	0.05	6.9	2.4	570	66.6	175.0
L829279		0.09	2.8	0.145	1.50	9.2	212	0.13	347	4.95	0.03	20.7	0.6	40	218	132.0
L829280		0.13	0.8	4.64	1.51	15.1	69.9	1.91	4800	19.45	0.03	6.1	1.9	230	7270	99.7
L829281		0.16	1.0	0.700	2.79	27.4	16.0	0.53	3370	2.15	0.04	8.4	1.5	470	2170	161.5
L829305		0.16	1.2	0.062	2.79	25.0	24.1	0.61	918	1.01	0.83	8.5	2.3	550	515	137.0
L829306		0.19	1.1	1.585	2.95	27.0	13.5	0.67	2140	1.33	0.03	7.7	2.3	520	>10000	187.5
L829307		0.17	1.2	0.598	2.90	23.5	49.9	0.55	1480	0.73	0.07	8.5	2.4	570	2650	129.0
L829365		0.16	0.9	0.160	3.17	9.4	15.2	0.86	1600	3.41	0.08	6.8	3.1	560	121.0	192.5
L829367		0.19	0.7	0.571	2.44	6.5	9.0	1.07	3080	10.10	0.08	5.4	2.6	420	255	155.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K972646		<0.002	0.87	44.4	10.5	1	2.6	229	0.63	<0.05	12.1	0.240	1.98	3.9	67	2.0
L828612		<0.002	1.04	10.45	10.1	1	2.2	158.5	0.69	<0.05	11.6	0.245	2.45	4.0	67	3.8
L828613		<0.002	2.92	24.4	9.4	1	4.1	83.4	0.49	0.05	10.4	0.215	3.22	4.2	61	6.1
L828614		<0.002	0.19	8.90	11.1	1	1.6	100.5	0.56	<0.05	12.5	0.250	3.01	4.0	74	4.3
L828621		<0.002	0.81	13.00	10.4	1	1.6	165.0	0.51	<0.05	12.5	0.217	2.73	5.3	62	3.3
L828622		<0.002	1.73	42.1	9.2	1	2.2	92.4	0.40	0.09	9.4	0.163	2.28	4.9	62	3.0
G0561923		0.019	1.65	149.5	7.5	4	324	690	0.40	0.10	5.0	0.235	3.67	1.1	81	18.8
L828623		<0.002	2.71	43.7	9.1	1	4.9	109.5	0.42	0.06	11.0	0.181	2.89	3.7	59	5.4
L828625		<0.002	1.38	37.5	10.4	1	3.5	129.5	0.50	0.11	11.7	0.225	2.67	7.4	65	4.9
L828626		<0.002	3.25	34.3	9.0	2	4.2	83.7	0.48	0.12	10.3	0.198	2.63	5.5	57	4.3
L828627		<0.002	1.26	5.94	9.8	1	1.2	80.0	0.52	0.12	10.8	0.221	2.58	4.3	70	1.9
L828628		<0.002	0.86	8.53	10.3	1	2.0	163.0	0.59	0.06	10.7	0.242	2.21	3.9	72	2.7
L828629		<0.002	2.92	66.1	9.6	2	3.1	90.5	0.45	0.16	11.7	0.194	3.36	4.1	60	4.5
L828630		<0.002	1.07	5.72	10.0	1	1.4	108.0	0.55	0.09	10.8	0.228	2.41	5.1	72	1.6
L828631		<0.002	1.70	12.30	10.1	1	2.5	70.1	0.49	0.09	12.8	0.197	2.84	5.9	65	2.3
L828632		<0.002	1.49	9.42	11.1	1	2.5	70.6	0.48	0.10	12.1	0.201	2.84	5.3	75	2.0
G0561924		0.029	>10.0	280	2.7	238	107.5	41.5	0.09	0.82	1.1	0.044	34.7	4.0	62	1.8
L828655		<0.002	0.53	17.10	9.8	1	2.2	140.0	0.65	0.07	11.7	0.234	1.75	4.3	65	2.9
L828656		<0.002	4.69	90.0	8.5	2	4.9	38.9	0.46	0.19	10.0	0.176	2.20	5.7	55	2.7
L828658		<0.002	2.96	7.45	10.5	2	6.5	65.0	0.60	0.12	13.0	0.211	2.53	4.7	62	1.8
L828659		<0.002	4.04	11.20	10.1	2	9.2	57.2	0.56	0.16	13.6	0.198	2.44	4.3	59	1.9
L828669		<0.002	0.10	2.92	10.7	1	1.9	310	0.70	0.06	12.7	0.234	1.33	4.4	66	3.1
L828670		<0.002	5.73	158.5	6.8	1	5.3	441	0.49	0.13	9.1	0.192	1.61	4.9	44	2.3
L828672		<0.002	0.04	6.21	4.7	1	1.6	411	0.79	<0.05	7.9	0.287	1.12	3.1	47	1.6
L828698		<0.002	1.29	22.2	10.3	1	2.7	76.4	0.63	0.13	13.2	0.218	2.59	3.2	66	2.1
L828699		<0.002	9.02	59.3	9.3	1	11.4	16.6	0.46	0.39	11.5	0.169	2.39	4.5	55	5.5
K272061		<0.002	0.01	0.13	0.3	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
L828700		<0.002	1.90	5.25	11.1	1	3.3	101.5	0.59	0.18	13.3	0.209	2.78	4.2	65	2.3
L829279		<0.002	0.05	28.6	3.5	1	2.8	48.1	2.43	<0.05	20.9	0.041	1.14	5.6	6	1.9
L829280		0.002	2.91	68.6	5.5	2	3.7	94.4	0.58	0.06	8.4	0.098	1.34	7.1	33	3.3
L829281		<0.002	1.07	17.25	10.0	1	3.7	64.3	0.67	0.09	13.1	0.202	2.44	5.4	57	4.6
L829305		<0.002	0.30	5.23	10.9	1	2.0	179.5	0.74	0.07	13.3	0.237	1.90	5.3	67	2.0
L829306		<0.002	3.48	60.2	10.8	2	6.1	51.0	0.65	<0.05	13.4	0.224	2.99	4.2	63	6.3
L829307		<0.002	0.46	19.05	10.9	2	2.1	118.5	0.70	0.05	13.1	0.245	2.23	4.8	68	4.2
L829365		0.002	3.55	3.15	10.0	2	2.3	103.0	0.55	0.51	12.4	0.204	3.13	3.8	61	2.2
L829367		0.005	7.17	41.1	8.1	2	3.6	60.6	0.42	0.56	9.5	0.165	2.50	3.8	48	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026781

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K972646		13.4	672	26.6				
L828612		12.7	2440	32.6				
L828613		9.0	716	21.9				
L828614		13.6	182	25.3				
L828621		14.0	805	27.9				
L828622		10.2	4590	21.1				
G0561923		10.0	7500	13.5	103			
L828623		7.8	4160	21.6				
L828625		11.8	1390	24.5				
L828626		10.6	>10000	23.7				1.070
L828627		11.1	271	27.4				
L828628		11.8	276	25.6				
L828629		10.3	3320	23.6				
L828630		10.8	372	26.3				
L828631		9.5	1120	27.2				
L828632		9.6	1280	26.8				
G0561924		6.9	>10000	16.7	159	1.285	1.515	9.57
L828655		14.4	342	28.7				
L828656		11.9	4540	22.0				
L828658		11.5	3340	23.7				
L828659		11.8	8450	24.5				
L828669		16.8	67	30.6				
L828670		10.9	2690	55.1	98			
L828672		8.3	125	106.0				
L828698		13.1	185	28.1				
L828699		9.8	1720	23.0				
K272061		0.9	18	0.6				
L828700		12.7	285	28.4				
L829279		11.8	401	50.4				
L829280		19.5	>10000	19.7				1.075
L829281		9.9	2700	26.4				
L829305		15.1	412	30.7				
L829306		12.3	8290	27.6			0.962	
L829307		15.4	2710	31.0				
L829365		10.7	150	24.4				
L829367		9.6	724	17.5				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026781

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026782

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K270169		0.54	6.65	20.8	640	1.17	0.37	3.57	1.20	59.0	4.3	13	10.80	6.5	2.51	16.70
K270170		19.80	7.02	477	780	1.59	7.46	2.65	16.75	53.4	12.8	13	28.4	183.0	4.49	15.90
K270172		0.77	7.50	28.1	1880	1.31	11.20	2.40	2.47	51.5	6.1	10	10.95	15.0	2.89	15.20
K272741		0.33	7.38	21.2	2030	1.43	0.19	2.82	1.36	64.7	4.7	13	23.2	6.1	2.46	17.85
K272742		>100	1.89	3510	580	0.37	263	0.38	99.0	14.75	54.1	7	3.33	3290	25.5	4.91
K272744		1.20	7.48	50.6	1250	1.34	0.57	2.18	4.56	49.3	5.8	8	18.35	25.6	3.39	15.15
K272199		2.00	0.10	11	30	0.05	2.25	21.1	0.93	1.63	0.7	<1	0.23	29.8	0.52	0.27
K272745		2.75	7.37	14.2	2110	1.16	3.01	2.57	0.29	50.0	63.6	16	11.85	11.1	4.00	15.50
K272746		1.32	7.43	246	1400	1.45	0.88	2.18	5.44	48.6	22.1	8	14.30	23.8	4.27	16.20
K272747		0.41	7.65	20.0	1600	1.49	0.30	2.43	1.00	46.3	7.4	8	15.75	10.2	3.88	15.85
K272748		32.6	5.72	612	260	0.92	27.8	1.03	49.9	39.6	29.8	7	7.21	263	10.30	13.60
K272749		0.41	7.56	11.5	2160	1.28	0.22	2.46	0.61	46.4	7.2	10	11.25	6.8	3.15	16.10
K272801		1.45	6.23	113.0	1110	1.23	1.74	1.53	1.55	48.5	9.3	19	16.15	24.9	3.91	13.95
K272802		4.47	4.16	443	220	0.90	3.46	2.99	36.4	25.8	10.4	11	8.09	130.0	6.15	10.30
G0561925		>100	1.36	949	170	0.27	55.0	1.75	509	11.15	27.5	30	0.66	>10000	17.65	16.60
K272803		1.42	7.41	69.5	870	1.22	2.27	0.87	2.14	42.0	12.5	14	11.40	23.1	3.85	16.15
K272812		0.44	7.16	45.9	1070	1.19	0.28	2.64	0.64	51.8	4.6	12	10.15	8.3	3.44	14.65
K272813		85.2	5.25	5630	300	0.82	19.35	0.29	207	39.3	12.9	13	4.29	503	8.79	12.00
K272815		0.56	7.15	50.7	1670	2.40	0.28	2.86	1.07	66.5	7.1	17	25.6	13.1	2.75	18.35
K272816		0.45	6.75	31.8	1480	1.93	0.15	2.61	0.97	69.6	4.9	13	30.2	7.6	2.45	16.95
K272818		0.22	6.83	24.2	1340	2.00	0.13	2.61	0.43	69.6	4.9	13	28.1	4.6	2.49	17.65
K272819		1.31	6.31	162.5	1080	1.49	0.82	1.66	4.11	47.4	8.6	9	15.25	12.2	4.01	13.75
K272820		44.7	4.88	879	590	1.05	41.9	1.02	137.5	40.0	17.3	8	13.80	334	8.60	11.30
K272821		>100	3.75	2510	1110	0.73	45.9	0.80	84.4	29.9	25.1	16	7.00	1255	9.11	9.81
K272822		1.71	8.15	96.9	2190	1.96	0.87	1.78	5.46	66.3	8.2	16	16.30	15.9	2.71	21.8
K272934		6.21	5.53	1410	280	1.24	5.11	1.76	9.54	35.5	21.6	8	15.30	22.5	5.13	14.60
K272935		0.54	6.99	92.1	870	1.63	0.70	1.99	5.16	54.0	7.6	11	19.20	23.4	4.09	15.50
K272936		0.37	7.08	905	1960	1.62	0.61	2.72	1.22	45.6	9.0	13	12.95	7.7	3.21	15.60
G0561926		>100	7.25	52.6	1460	1.25	1.69	2.27	55.5	32.3	13.0	21	2.56	4450	3.80	19.55
K272938		3.90	7.15	>10000	500	1.29	7.16	1.19	6.97	46.1	9.3	11	15.30	142.5	5.67	15.10
K272939		0.21	6.60	164.0	1690	1.12	0.53	1.65	0.46	29.4	8.5	9	16.45	6.0	3.08	15.20
K272941		0.74	6.74	71.5	1980	1.17	0.22	1.72	4.76	41.5	8.0	10	13.90	9.3	3.13	14.15
K272942		9.39	6.23	1405	370	1.18	2.65	1.21	27.9	42.1	7.1	7	8.95	62.3	4.58	14.70
K272943		13.60	6.24	6320	910	1.43	1.84	1.93	18.15	43.9	7.5	8	16.15	36.8	4.27	14.85
K272944		12.90	6.87	2520	880	1.87	2.18	2.49	28.6	57.6	7.5	13	19.85	67.5	3.48	17.40
K272945		0.85	6.49	155.0	1620	1.34	0.25	3.00	3.63	43.4	7.4	9	15.65	35.5	2.96	14.55

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K270169		0.15	2.3	0.033	0.94	27.2	105.0	0.91	987	1.24	0.03	10.8	2.8	840	70.0	25.3
K270170		0.14	2.2	0.405	2.12	28.7	39.7	0.95	1080	6.19	0.12	8.3	4.6	800	1415	126.0
K270172		0.15	1.3	0.042	2.78	26.1	11.7	0.72	696	1.31	2.01	7.7	2.4	550	142.0	125.5
K272741		0.15	2.5	0.019	2.07	31.6	64.4	0.99	666	1.09	0.06	11.2	2.7	910	38.3	73.0
K272742		0.14	0.4	2.71	0.63	7.7	15.4	0.16	370	10.05	0.01	2.1	1.4	160	>10000	33.9
K272744		0.13	1.0	0.063	3.15	25.3	31.8	0.69	2620	1.07	0.26	7.6	2.0	580	296	148.0
K272199		0.10	<0.1	0.024	0.04	0.8	1.2	13.20	205	0.28	0.01	0.2	1.3	260	145.5	1.8
K272745		0.14	1.0	0.060	3.22	25.5	14.9	0.85	1230	0.87	1.17	7.7	4.3	610	32.9	157.5
K272746		0.14	1.0	0.194	3.57	26.3	18.8	0.79	2720	1.04	0.42	7.8	2.9	570	216	195.5
K272747		0.15	1.0	0.107	3.94	24.1	31.0	0.83	2950	0.94	0.44	8.2	2.2	590	54.9	209
K272748		0.17	0.7	0.976	2.66	21.1	8.5	0.53	4270	1.15	0.02	5.8	2.0	420	5060	171.0
K272749		0.13	1.0	0.066	3.05	22.9	12.7	0.75	1100	0.83	1.70	7.7	2.5	580	39.9	130.5
K272801		0.14	2.1	0.095	2.28	25.2	37.0	0.69	1180	1.69	0.04	7.1	6.8	890	80.6	123.0
K272802		0.11	0.7	0.328	1.49	13.0	76.4	0.70	1820	1.92	0.03	3.6	3.8	280	280	78.6
G0561925		0.45	0.5	6.29	0.41	6.3	6.5	0.86	390	35.8	0.02	1.4	55.6	390	>10000	14.5
K272803		0.11	1.2	0.158	3.55	22.0	29.1	0.66	1420	1.11	0.04	7.5	2.7	600	79.5	187.0
K272812		0.14	1.1	0.099	3.34	27.3	47.4	0.96	2100	0.90	0.16	6.7	2.2	530	25.4	191.0
K272813		0.15	0.8	0.664	2.57	20.8	7.9	0.27	1380	2.54	0.02	5.6	2.2	390	9130	173.5
K272815		0.10	3.4	0.042	2.74	34.2	136.5	1.02	807	1.24	0.03	11.3	6.2	1060	39.6	122.5
K272816		0.10	2.4	0.038	2.57	35.7	64.2	0.89	877	1.11	0.05	11.9	3.1	830	55.4	93.7
K272818		0.10	2.5	0.029	2.71	35.5	37.8	0.88	909	1.25	0.04	12.1	3.3	840	27.6	97.3
K272819		0.12	0.9	0.188	2.95	26.8	22.2	0.69	2730	8.33	0.02	7.1	2.6	530	167.0	192.5
K272820		0.16	0.8	2.67	2.30	22.1	18.6	0.48	1440	8.89	0.02	5.8	3.1	410	3440	153.5
K272821		0.15	0.6	2.96	1.77	17.9	13.2	0.29	578	15.10	0.01	3.9	3.4	260	7110	114.0
K272822		0.11	2.8	0.115	3.27	31.5	339	0.63	1160	2.49	0.02	15.1	4.1	1040	258	106.0
K272934		0.12	0.8	0.281	2.51	19.1	22.1	0.70	5630	32.7	0.02	6.1	2.9	440	585	167.0
K272935		0.11	1.1	0.409	3.08	29.4	61.7	0.82	1680	0.92	0.04	8.2	2.8	590	34.8	169.0
K272936		0.09	1.1	0.057	2.44	23.1	13.3	0.83	772	1.28	1.88	8.4	3.4	600	44.1	94.5
G0561926		0.09	0.5	13.30	2.20	16.4	11.0	0.65	568	40.7	2.42	7.4	11.7	770	8920	68.1
K272938		0.19	0.9	0.203	3.18	25.1	26.0	0.60	1730	1.26	0.05	7.9	2.9	580	362	189.5
K272939		0.14	1.0	0.047	2.33	15.2	29.2	0.56	856	0.59	0.08	8.6	2.7	600	26.7	73.1
K272941		0.16	1.0	0.067	2.69	21.3	29.6	0.68	1300	1.33	0.09	7.9	2.9	560	287	116.0
K272942		0.20	0.9	0.364	2.93	22.6	5.7	0.48	7870	1.18	0.02	7.2	2.7	490	1630	191.0
K272943		0.19	1.0	0.157	2.71	22.5	22.0	0.69	4540	2.76	0.04	7.6	2.8	510	769	142.5
K272944		0.18	2.5	0.191	2.31	30.3	49.0	0.93	3840	2.08	0.03	10.5	4.8	860	1095	116.0
K272945		0.18	1.0	0.062	2.45	22.4	49.3	0.96	1840	0.48	0.05	7.8	2.7	550	63.7	106.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K270169		0.002	0.12	9.64	5.6	1	1.4	270	0.72	<0.05	8.2	0.246	1.01	6.7	47	2.5
K270170		0.003	2.36	72.5	7.6	1	3.9	282	0.69	0.27	10.6	0.256	2.07	15.1	60	3.6
K270172		0.002	0.12	3.81	9.0	1	3.2	308	0.73	<0.05	15.8	0.234	1.37	5.1	62	1.1
K272741		<0.002	0.19	5.23	5.9	1	1.6	295	0.76	<0.05	9.2	0.258	2.01	4.5	50	1.9
K272742		0.004	>10.0	426	2.1	2	12.5	54.3	0.16	2.99	2.9	0.059	0.68	4.9	15	1.5
K272744		0.003	0.62	7.70	9.4	1	2.0	138.0	0.67	<0.05	15.5	0.249	2.51	6.1	66	3.3
K272199		0.002	0.15	4.29	0.2	<1	0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.04	0.7	2	0.1
K272745		0.003	0.72	3.42	9.8	1	1.8	264	0.64	1.57	13.9	0.240	1.94	5.2	66	1.8
K272746		<0.002	1.32	8.06	10.0	1	3.2	148.0	0.68	0.16	14.4	0.240	2.60	6.1	64	2.7
K272747		0.002	0.29	5.01	10.4	1	2.1	142.0	0.72	<0.05	15.7	0.255	2.70	5.1	69	2.3
K272748		0.005	8.70	35.2	7.3	1	14.1	22.2	0.49	0.43	11.0	0.184	2.05	5.8	47	5.1
K272749		0.004	0.09	2.94	9.9	1	1.7	309	0.61	<0.05	13.1	0.254	1.50	4.3	67	1.3
K272801		0.003	1.26	58.3	7.6	1	2.0	373	0.52	<0.05	8.0	0.281	2.13	10.1	66	3.6
K272802		0.002	3.58	74.1	6.0	<1	2.5	87.7	0.30	<0.05	5.7	0.140	1.12	14.0	42	4.4
G0561925		0.028	>10.0	263	2.6	180	105.5	36.1	0.09	0.44	1.0	0.042	30.8	3.5	57	1.6
K272803		0.003	0.73	78.7	11.2	<1	2.3	30.3	0.61	<0.05	12.5	0.267	2.07	11.4	78	4.1
K272812		0.004	0.33	7.11	9.7	1	2.2	112.0	0.57	<0.05	15.2	0.238	2.65	4.6	66	1.8
K272813		<0.002	8.70	152.0	7.5	3	12.2	25.7	0.45	1.38	9.2	0.183	1.96	2.8	54	3.8
K272815		<0.002	0.34	13.20	7.3	2	2.0	770	0.77	<0.05	10.1	0.294	2.56	4.9	64	2.8
K272816		0.002	0.07	11.80	5.8	2	1.5	341	0.79	<0.05	10.2	0.239	1.97	5.5	48	2.5
K272818		<0.002	0.05	12.65	6.0	2	1.5	305	0.81	<0.05	10.5	0.244	2.10	6.0	49	2.4
K272819		<0.002	1.66	30.8	10.0	1	2.7	106.0	0.53	0.05	11.8	0.220	2.55	10.2	63	4.4
K272820		0.002	8.03	101.0	7.3	3	8.8	91.4	0.42	1.00	9.1	0.178	2.01	9.6	52	5.5
K272821		0.002	9.36	456	5.5	3	7.2	59.6	0.31	2.32	6.1	0.125	1.49	10.4	42	4.8
K272822		<0.002	0.61	47.2	7.6	2	2.6	455	1.06	0.05	11.6	0.324	4.00	10.1	67	6.6
K272934		0.003	2.95	47.8	9.0	2	4.8	57.0	0.46	0.14	10.3	0.187	1.89	11.4	57	8.1
K272935		<0.002	0.35	10.90	11.4	2	1.7	73.6	0.63	<0.05	13.1	0.261	2.28	4.7	75	3.4
K272936		<0.002	0.08	6.73	11.4	2	1.7	339	0.65	<0.05	11.7	0.270	1.05	2.1	79	1.7
G0561926		0.021	1.52	147.0	6.7	5	335	659	0.42	0.13	5.2	0.215	3.47	1.2	75	19.3
K272938		<0.002	3.72	60.5	11.7	1	6.1	48.1	0.52	0.07	11.2	0.267	2.12	2.7	74	3.5
K272939		<0.002	0.18	16.85	10.5	1	1.7	79.1	0.61	<0.05	8.9	0.271	1.11	2.2	77	6.5
K272941		<0.002	0.23	23.1	10.7	1	2.3	81.2	0.57	<0.05	12.3	0.263	1.49	3.1	73	7.7
K272942		<0.002	3.50	30.6	10.4	2	7.9	22.8	0.52	<0.05	11.8	0.225	2.40	2.5	63	6.3
K272943		<0.002	2.14	34.8	10.5	2	4.0	83.1	0.55	0.05	11.2	0.235	2.14	3.8	67	3.3
K272944		<0.002	1.34	50.5	8.7	2	3.5	356	0.69	0.05	10.5	0.273	2.21	5.3	64	3.5
K272945		<0.002	0.44	20.8	10.6	1	2.0	155.5	0.55	<0.05	10.9	0.251	1.77	3.0	70	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K270169		11.8	151	77.2				
K270170		13.5	1310	77.8				
K270172		15.2	333	28.1				
K272741		12.0	150	81.9				
K272742		3.9	6020	12.3	198		1.760	
K272744		13.4	531	20.0				
K272199		1.1	68	<0.5				
K272745		15.0	75	20.3				
K272746		13.6	566	19.9				
K272747		14.7	160	20.2				
K272748		8.1	5050	13.5				
K272749		15.0	92	20.0				
K272801		8.1	216	78.8				
K272802		8.0	4200	19.1				
G0561925		6.1	>10000	15.8	167	1.265	1.545	9.43
K272803		8.7	329	28.4				
K272812		11.2	109	25.1				
K272813		8.2	>10000	21.9				1.445
K272815		13.0	134	134.0				
K272816		12.5	130	85.8				
K272818		12.8	102	86.5				
K272819		9.9	448	27.7				
K272820		10.4	9140	22.3				
K272821		10.1	7670	17.0	151			
K272822		12.5	617	90.6				
K272934		9.4	1130	21.5				
K272935		14.4	711	27.8				
K272936		15.4	306	28.5				
G0561926		10.3	6890	15.3	104			
K272938		11.9	813	27.0				
K272939		11.6	140	30.0				
K272941		14.1	484	29.4				
K272942		11.2	2960	26.9				
K272943		13.1	1460	31.0				
K272944		13.9	2390	100.5				
K272945		14.8	294	29.2				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026782

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026783

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829405		0.89	7.51	78.9	990	1.63	0.30	2.35	1.07	53.3	4.6	8	20.5	21.9	3.34	17.45
L829406		40.6	4.40	1500	360	1.10	20.3	2.28	78.6	28.9	5.4	6	12.45	1310	6.45	11.40
L829408		0.48	7.55	44.8	540	1.78	0.28	1.94	3.35	54.9	7.5	7	28.1	19.0	3.65	17.85
L829409		0.77	6.88	28.6	1850	1.63	0.63	2.18	13.10	42.7	4.9	8	16.70	69.0	3.36	16.20
L829410		0.64	7.21	15.1	1140	1.76	0.54	2.36	10.10	56.6	4.5	8	12.40	29.0	3.25	17.45
L829411		1.51	6.22	574	1170	1.35	0.30	3.77	5.27	47.2	5.5	6	15.90	31.7	3.48	14.40
G0561927		>100	1.38	938	280	0.27	60.5	1.82	505	12.05	26.7	31	0.74	>10000	17.05	18.10
L829412		2.65	6.76	248	1340	1.58	2.00	1.95	5.60	56.2	5.7	6	15.55	95.8	5.01	16.25
L829413		0.46	7.28	178.5	950	1.79	0.27	2.13	1.61	45.8	5.6	7	22.1	11.6	3.38	17.30
L829414		73.6	5.40	5620	170	1.22	33.1	1.47	54.3	45.1	10.7	7	9.82	2170	8.43	13.20
L829416		0.87	7.19	69.1	1190	1.65	0.85	2.04	10.05	52.6	4.5	8	11.30	23.8	3.77	16.70
L829417		1.31	7.36	27.0	1110	1.75	0.91	2.12	3.56	59.8	4.4	8	9.02	108.5	2.75	17.75
L829418		0.91	7.16	33.8	1620	1.87	0.33	2.38	2.54	45.2	4.1	9	13.65	138.0	3.36	17.05
L829419		54.9	3.36	9050	390	0.87	36.5	2.49	359	33.6	30.2	5	3.16	679	12.80	9.11
L829420		2.30	7.09	362	1350	1.56	1.55	2.49	22.2	55.4	4.2	8	18.25	31.3	3.25	16.50
K272277		0.09	0.09	11	30	0.07	0.07	20.3	0.47	1.58	1.1	<1	0.38	2.2	0.41	0.31
L829428		1.23	7.40	107.5	1250	1.76	0.94	1.68	8.29	61.0	4.4	8	11.50	18.3	3.84	17.35
L829430		15.15	5.82	449	480	1.17	17.25	1.44	117.0	41.8	9.2	7	11.30	392	8.22	13.30
L829431		19.70	5.35	428	450	1.12	23.0	1.23	138.0	54.4	5.1	8	10.50	625	5.58	12.90
L829432		0.53	7.65	44.8	1520	1.60	0.32	2.77	1.27	71.6	4.8	8	16.30	52.7	3.58	16.20
L829433		2.82	6.73	1045	800	1.54	0.63	1.35	29.5	52.0	6.5	7	17.60	43.7	4.48	14.70
L829434		>100	4.22	3520	360	0.99	11.95	2.17	89.2	28.0	4.6	7	8.43	644	6.33	10.40
L829435		1.07	7.41	19.9	940	2.01	0.25	1.80	0.65	63.2	5.4	13	17.10	10.4	2.41	18.50
L829448		0.74	6.96	16.8	1990	1.52	0.34	2.53	2.05	45.6	6.4	9	15.10	25.1	3.38	15.60
G0561928		97.8	7.45	48.8	1530	1.30	1.40	2.36	54.7	30.6	13.0	21	2.41	4540	3.94	21.6
L829449		38.5	5.71	223	630	1.25	12.60	1.79	322	53.5	7.0	8	12.65	727	5.25	12.75
L829450		1.03	7.14	22.4	1810	1.55	0.71	2.10	6.02	45.9	6.8	9	11.35	16.2	3.37	16.90
L829451		23.4	6.13	1300	510	1.26	27.3	0.75	43.8	43.9	8.4	8	6.65	642	8.19	14.35
L829452		0.27	7.57	12.9	2750	1.57	0.31	2.21	0.51	49.9	7.3	9	17.55	10.2	3.36	16.20
L829486		0.51	7.38	18.2	1990	1.38	1.20	2.18	0.48	60.2	6.4	11	14.35	12.3	2.73	15.55
L829487		>100	4.88	702	230	0.92	253	2.08	106.0	35.7	7.5	8	7.58	1355	9.61	11.45
L829489		0.52	7.40	10.6	840	1.21	1.20	1.86	0.79	47.3	9.5	7	13.95	8.3	4.42	16.65
K269192		0.53	7.25	32.4	2520	1.59	0.71	1.76	13.05	75.9	11.8	14	11.05	10.2	3.71	15.75
K269193		45.7	6.81	1635	720	1.46	32.4	1.70	54.0	52.6	6.3	11	19.90	1345	5.15	15.10
K269195		0.35	6.66	12.9	2050	1.65	0.22	2.45	2.66	41.8	5.1	12	8.52	11.7	2.74	15.55
K269204		3.56	7.09	31.9	1630	1.66	1.51	3.03	41.9	55.9	38.9	16	13.90	37.4	3.65	15.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
L829405		0.17	1.0	0.113	3.07	30.0	30.9	0.81	3180	2.42	0.04	8.2	3.4	570	44.5	196.0
L829406		0.17	0.6	2.17	1.68	15.9	36.9	0.77	5980	11.90	0.02	4.5	2.1	300	928	101.5
L829408		0.16	0.9	0.103	2.56	32.5	131.5	0.79	1460	0.84	0.03	8.1	2.5	590	56.7	152.0
L829409		0.14	0.9	0.238	1.98	22.3	175.5	0.76	1260	1.03	0.04	8.1	1.8	600	52.4	97.9
L829410		0.16	0.9	0.225	2.70	30.5	208	0.92	1280	0.56	0.05	7.8	2.2	570	72.8	135.5
L829411		0.17	0.9	0.165	2.23	28.2	68.7	1.03	1590	2.96	0.03	6.6	2.3	450	89.9	127.0
G0561927		1.10	0.6	7.03	0.41	6.6	7.8	0.84	385	39.4	0.02	1.7	50.4	380	>10000	17.0
L829412		0.19	0.9	0.353	2.81	33.5	15.6	0.95	2300	0.62	0.03	6.6	2.3	490	139.0	179.5
L829413		0.18	1.1	0.152	2.69	25.1	78.2	0.79	1460	0.55	0.04	7.9	2.4	540	40.0	133.0
L829414		0.22	0.7	2.54	2.35	25.3	15.0	0.59	3290	3.64	0.03	5.5	2.2	400	774	151.5
L829416		0.16	1.2	0.287	2.36	31.1	102.5	0.83	1250	0.97	0.04	7.9	2.3	530	136.5	152.0
L829417		0.16	1.2	0.166	2.07	32.9	61.9	0.66	1000	0.49	0.11	7.8	2.0	570	102.0	101.0
L829418		0.15	1.1	0.120	2.45	22.5	76.0	0.66	942	5.06	0.89	8.3	2.3	550	72.3	118.5
L829419		0.26	0.3	11.80	1.49	15.8	14.3	0.96	2320	2.82	0.02	2.3	1.7	160	4210	101.5
L829420		0.19	1.2	0.714	2.86	33.4	37.1	0.89	1600	1.03	0.04	7.9	2.1	530	219	184.5
K272277		<0.05	<0.1	0.016	0.04	0.8	1.4	11.95	188	0.06	0.01	0.3	1.7	220	7.6	2.2
L829428		0.17	1.0	0.259	3.06	36.9	103.0	0.70	1160	2.48	0.05	7.7	2.1	540	184.5	198.5
L829430		0.16	0.8	4.00	2.55	23.3	14.4	0.76	2540	3.89	0.03	5.8	2.7	430	297	156.0
L829431		0.14	0.9	5.43	2.40	31.6	25.0	0.56	2180	9.01	0.03	5.3	2.9	390	603	182.5
L829432		0.19	1.1	0.087	2.67	42.2	52.0	0.78	901	0.68	0.07	7.4	2.2	570	45.8	150.5
L829433		0.16	1.1	0.622	2.66	29.6	92.2	0.65	1760	4.57	0.03	6.7	2.4	500	657	183.0
L829434		0.16	0.7	1.170	1.83	13.9	28.8	0.84	2550	22.0	0.02	4.5	2.9	300	1720	146.0
L829435		0.16	2.9	0.030	2.72	33.8	208	0.73	582	2.31	0.04	9.6	5.0	930	27.1	105.0
L829448		0.17	1.1	0.109	3.30	24.0	30.4	0.67	967	0.92	0.64	7.7	2.2	550	42.1	133.0
G0561928		0.17	0.5	13.50	2.18	17.2	10.7	0.67	577	40.5	2.51	7.0	12.4	800	8850	71.2
L829449		0.19	0.9	4.48	2.56	29.7	28.9	0.64	2430	1.21	0.06	5.5	2.0	420	636	145.0
L829450		0.20	1.1	0.133	2.88	24.4	27.6	0.66	760	1.04	0.74	8.3	2.5	560	220	134.0
L829451		0.20	1.0	1.560	2.81	24.7	32.2	0.49	1220	1.88	0.03	5.9	2.1	440	1225	192.5
L829452		0.18	1.1	0.066	2.92	26.8	69.5	0.82	642	0.93	0.48	7.8	2.4	570	27.7	123.5
L829486		0.18	0.9	0.073	2.16	32.4	58.2	0.73	1020	0.61	0.11	6.0	2.4	570	30.0	128.5
L829487		0.22	0.5	4.46	2.19	21.4	13.0	0.73	4090	43.3	0.03	3.8	2.6	340	1160	165.5
L829489		0.16	0.9	0.045	2.64	25.5	50.7	0.73	828	0.99	0.05	5.7	2.2	590	42.8	158.5
K269192		0.21	1.2	0.142	2.23	44.4	11.7	0.51	843	1.99	1.69	7.5	2.6	560	75.1	127.0
K269193		0.19	1.1	1.730	2.59	29.2	19.2	0.55	1530	1.71	0.18	7.0	2.5	500	1655	147.5
K269195		0.18	1.3	0.058	2.66	22.4	8.8	0.68	521	2.02	2.05	7.7	2.8	540	131.5	97.7
K269204		0.19	1.1	1.235	2.59	30.6	13.7	0.69	1460	2.32	0.70	7.6	3.3	600	943	138.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
L829405		<0.002	1.17	20.5	11.1	1	3.2	80.2	0.66	0.06	14.6	0.236	3.49	6.5	71	5.1
L829406		<0.002	5.62	210	6.4	1	8.3	85.2	0.37	0.10	7.9	0.137	2.07	6.9	41	6.0
L829408		<0.002	0.35	17.20	11.9	1	2.9	134.5	0.63	0.06	12.9	0.244	2.74	4.6	70	6.2
L829409		<0.002	0.34	38.4	11.3	1	2.4	148.5	0.62	0.05	10.7	0.239	1.97	4.3	67	3.8
L829410		<0.002	0.37	13.95	11.2	1	3.4	122.0	0.67	0.05	14.3	0.217	2.74	5.1	62	3.0
L829411		<0.002	1.53	29.5	9.4	2	2.8	135.0	0.54	<0.05	11.7	0.197	2.37	4.7	55	6.0
G0561927		0.033	>10.0	261	2.7	234	114.5	42.7	0.10	0.85	1.0	0.052	32.5	4.1	58	1.8
L829412		<0.002	1.51	27.4	9.9	1	4.7	83.4	0.51	0.07	12.5	0.204	3.11	3.8	60	6.9
L829413		<0.002	0.42	9.53	10.8	1	2.4	120.5	0.61	<0.05	12.2	0.236	2.73	4.6	67	4.8
L829414		<0.002	7.12	147.0	8.0	1	6.9	41.0	0.45	0.28	9.3	0.165	2.52	4.4	51	3.7
L829416		<0.002	0.82	11.60	10.7	1	3.2	113.5	0.72	0.07	14.6	0.219	2.34	5.0	63	3.1
L829417		<0.002	0.28	15.45	11.0	1	3.1	107.0	0.67	0.07	14.2	0.214	1.97	3.8	60	2.3
L829418		0.002	0.23	9.43	11.1	1	2.3	220	0.71	0.08	12.1	0.233	1.81	3.9	68	2.3
L829419		<0.002	>10.0	133.0	4.1	4	7.3	57.8	0.18	0.87	4.2	0.069	1.42	2.5	29	2.0
L829420		<0.002	1.61	13.75	10.1	1	3.9	106.5	0.68	0.05	15.0	0.215	3.14	5.4	59	5.5
K272277		<0.002	0.01	0.25	0.3	1	<0.2	47.2	<0.05	<0.05	0.2	<0.005	0.02	0.8	3	0.1
L829428		0.002	1.76	9.40	10.7	1	5.9	89.2	0.65	0.07	15.0	0.221	3.09	7.2	62	2.9
L829430		<0.002	5.91	67.2	8.4	1	5.9	59.8	0.56	0.29	11.1	0.190	2.83	5.9	52	6.0
L829431		<0.002	4.68	157.5	7.7	2	6.4	65.6	0.48	0.09	11.5	0.172	2.61	9.5	47	5.3
L829432		<0.002	0.30	10.80	11.3	1	3.3	135.0	0.71	<0.05	15.4	0.238	2.09	6.0	67	4.1
L829433		<0.002	2.16	31.6	10.5	1	4.4	87.0	0.62	<0.05	13.9	0.223	2.77	6.4	60	7.0
L829434		<0.002	6.13	358	6.1	1	10.5	127.5	0.36	0.09	7.3	0.133	1.82	7.4	36	18.3
L829435		<0.002	0.07	24.6	5.2	1	1.6	357	0.80	<0.05	11.2	0.275	1.41	4.7	43	3.0
L829448		<0.002	0.16	8.70	10.2	1	2.1	210	0.73	<0.05	12.3	0.246	2.16	4.2	64	2.4
G0561928		0.017	1.58	139.0	7.8	4	317	668	0.42	0.11	5.5	0.228	3.46	1.2	74	17.9
L829449		<0.002	4.05	32.3	8.5	3	4.6	84.2	0.50	0.11	12.7	0.182	2.06	5.3	50	2.0
L829450		<0.002	0.27	6.92	11.5	1	2.2	193.0	0.74	<0.05	13.9	0.245	1.56	4.4	67	1.6
L829451		<0.002	7.03	64.0	9.2	1	10.9	44.4	0.54	0.15	13.2	0.191	2.19	4.9	52	3.9
L829452		<0.002	0.22	6.58	11.2	1	1.9	207	0.70	<0.05	15.4	0.252	1.77	4.7	67	2.4
L829486		<0.002	1.41	14.75	11.5	2	2.2	158.5	0.61	0.22	15.8	0.226	2.07	6.5	61	2.7
L829487		<0.002	9.99	300	7.1	2	8.8	50.2	0.34	1.22	10.4	0.122	2.28	45.0	43	4.7
L829489		<0.002	3.85	9.79	12.0	2	1.9	131.0	0.56	0.22	16.3	0.202	2.28	5.4	72	2.7
K269192		<0.002	0.75	4.50	11.1	1	3.5	220	0.66	0.09	13.8	0.236	1.52	4.1	67	2.0
K269193		<0.002	3.47	45.7	10.7	2	4.6	75.6	0.66	0.37	14.1	0.225	2.40	5.3	59	3.7
K269195		<0.002	0.06	2.37	10.2	1	1.8	310	0.78	<0.05	12.8	0.241	1.27	4.1	64	2.4
K269204		<0.002	1.12	7.17	11.8	2	3.0	157.5	0.65	0.25	13.8	0.239	2.01	5.3	73	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026783

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829405		14.4	129	27.7				
L829406		8.5	5190	17.3				
L829408		15.4	300	23.8				
L829409		14.8	1020	23.5				
L829410		13.8	787	22.0				
L829411		14.6	414	22.8				
G0561927		7.2	>10000	17.6	158	1.265	1.485	9.39
L829412		11.9	541	25.5				
L829413		14.4	168	28.1				
L829414		10.6	3600	18.6				
L829416		14.1	814	29.3				
L829417		13.8	317	30.5				
L829418		15.4	230	27.2				
L829419		5.8	>10000	8.7				2.85
L829420		14.0	1640	32.7				
K272277		1.0	47	<0.5				
L829428		13.7	717	26.1				
L829430		11.0	8330	22.2				
L829431		9.6	9080	27.3				
L829432		16.5	128	30.3				
L829433		11.1	2180	30.5				
L829434		7.0	8100	22.8	259			
L829435		10.5	179	105.0				
L829448		16.0	210	30.3				
G0561928		12.5	7150	16.9				
L829449		12.8	>10000	24.6				2.22
L829450		17.8	501	33.6				
L829451		11.1	3350	25.7				
L829452		16.8	77	32.5				
L829486		16.6	95	23.2				
L829487		11.3	7610	16.6	160			
L829489		15.9	124	25.6				
K269192		18.6	992	33.6				
K269193		15.3	3640	34.1				
K269195		16.1	221	37.4				
K269204		17.8	2830	32.9				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026783

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026784

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

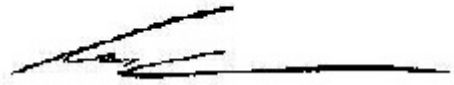
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269205		25.7	5.99	154.0	570	1.20	5.42	2.72	112.5	41.8	21.3	14	12.75	127.5	4.01	14.10
K269206		0.67	7.17	17.9	1030	1.27	0.45	2.14	3.72	44.5	7.2	13	10.55	4.8	2.20	16.25
K269246		0.34	7.60	25.9	2220	1.66	0.26	2.16	5.36	37.6	9.4	11	13.70	6.2	3.14	18.30
K269247		3.40	6.03	>10000	390	1.46	2.41	1.02	88.1	36.8	6.7	12	12.25	51.3	5.36	16.15
G0561929		>100	1.42	1135	120	0.26	63.1	1.80	514	11.45	31.0	30	0.72	>10000	18.00	18.45
K269249		0.65	7.53	89.1	1140	1.71	0.19	1.92	2.76	44.4	7.8	10	22.7	9.6	3.19	17.80
K269250		1.88	6.51	547	550	1.50	0.38	1.18	8.04	40.9	7.6	8	20.6	18.3	3.27	15.20
K269251		78.7	2.67	8120	140	0.86	84.3	1.44	554	14.55	5.0	8	11.85	1585	4.99	7.23
K269252		3.95	6.56	891	1160	1.38	4.97	2.11	33.4	41.4	9.0	7	23.4	58.9	3.15	15.05
K269253		0.77	7.26	67.0	2600	1.30	0.54	2.38	2.70	45.8	6.5	7	15.80	20.2	2.72	15.05
K269254		0.61	7.65	122.5	1620	1.37	0.26	3.04	1.20	57.8	10.6	9	17.35	5.4	3.34	15.95
K272318		0.02	0.12	<5	20	0.05	0.03	21.1	0.15	1.75	1.7	<1	0.30	1.6	0.40	0.57
K269255		57.5	5.89	>10000	190	1.25	29.9	1.62	355	42.7	10.2	6	11.30	587	7.27	16.20
K269256		0.59	7.15	552	1450	1.64	0.33	2.49	8.19	39.0	8.5	10	20.1	13.1	3.13	17.40
K269257		2.98	7.70	587	1930	1.45	0.15	2.31	35.4	41.8	7.6	9	11.65	20.0	3.21	18.35
K269298		0.17	7.25	29.6	2000	1.70	0.17	2.78	0.54	38.1	7.0	17	16.90	3.1	3.08	18.00
K269299		37.5	7.02	3660	310	1.66	28.4	2.09	55.4	41.8	6.8	9	22.2	706	4.63	16.50
K269300		0.61	7.60	53.3	2120	1.53	0.59	2.22	0.98	40.5	6.9	12	13.50	38.3	3.01	17.70
K269341		1.13	7.39	73.2	2020	1.64	0.98	2.87	0.89	39.3	6.4	10	15.75	34.2	3.16	17.00
K269342		80.5	5.97	2390	730	1.16	80.8	1.33	7.73	29.9	8.9	10	9.71	3790	11.05	13.90
K269343		0.37	7.69	20.0	2150	1.88	0.39	2.46	0.39	40.3	13.6	10	13.95	68.0	2.83	17.60
G0561930		>100	8.21	51.7	1530	1.45	1.85	2.53	57.0	28.5	14.4	22	2.38	4810	4.22	23.4
L828026		0.42	7.46	42.0	2190	1.37	0.28	1.81	1.47	36.3	7.3	11	13.55	47.7	3.33	17.50
L828027		39.1	7.47	4810	1000	1.40	34.8	1.37	179.0	42.8	8.7	7	19.75	1245	6.44	18.40
L828028		4.03	6.63	231	840	1.46	2.73	3.62	52.7	40.7	8.9	8	18.55	199.0	4.04	14.45
L828029		1.24	8.24	37.6	820	1.82	0.81	1.79	11.45	51.7	9.1	9	15.30	12.9	4.72	18.20
L828031		0.47	8.11	16.6	2320	1.80	0.30	2.44	0.76	41.1	8.0	8	14.55	52.8	3.68	18.60
L828032		0.83	7.89	1500	2460	1.37	0.58	1.31	4.14	48.6	8.4	8	14.40	22.7	3.36	17.80
L828033		4.76	7.33	290	2570	1.60	6.11	2.06	31.0	43.9	7.1	7	22.9	150.0	4.55	17.55
L828034		2.80	7.53	686	1410	1.82	3.09	2.42	9.66	47.2	8.4	8	21.0	30.7	3.45	17.00
L828035		1.19	7.62	326	1640	1.81	0.44	1.94	10.60	46.0	7.4	8	17.00	18.0	3.69	17.35
L828037		0.43	7.57	9.1	1990	2.14	0.24	2.21	5.65	41.3	7.9	8	14.10	11.4	3.98	17.30
L828038		28.7	6.29	6060	220	1.41	38.6	1.29	539	34.2	7.0	8	12.30	400	4.64	15.90
L828039		0.56	7.51	97.3	2090	1.60	0.53	2.13	5.93	41.8	7.7	9	14.50	18.6	3.04	17.00
L828063		0.18	7.23	11.9	1910	1.58	0.21	2.22	0.37	38.5	6.2	8	11.70	5.8	3.13	17.00
L828064		9.34	6.28	6530	410	1.33	8.56	0.56	44.0	32.7	13.5	8	9.76	242	7.13	14.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K269205		0.11	0.9	1.875	2.48	22.7	15.5	1.00	3060	2.14	0.06	5.3	2.2	480	5500	142.0
K269206		0.13	1.1	0.064	1.90	19.1	89.2	0.67	831	0.95	0.10	7.8	2.2	590	129.5	89.3
K269246		0.19	1.2	0.149	3.03	18.2	32.5	0.62	921	1.50	0.44	8.6	2.1	620	171.5	130.0
K269247		0.13	1.0	1.265	2.54	19.4	14.9	0.49	2230	7.81	0.02	6.3	2.2	430	472	147.0
G0561929		0.97	0.6	6.69	0.42	6.4	7.9	0.88	393	40.7	0.02	1.8	57.4	390	>10000	15.7
K269249		0.14	1.3	0.072	2.95	22.9	23.3	0.77	1540	2.75	0.07	8.1	2.3	580	248	140.5
K269250		0.14	1.0	0.180	1.69	22.3	278	0.53	1780	13.95	0.03	6.6	2.0	500	786	101.5
K269251		0.05	0.4	18.45	1.01	7.9	53.6	0.32	1680	20.9	0.02	2.7	2.2	190	7910	59.2
K269252		0.14	1.1	1.300	1.88	22.6	78.5	0.75	1330	7.83	0.03	6.8	2.3	480	337	116.0
K269253		0.15	1.1	0.137	1.90	24.2	133.5	0.82	831	2.15	0.04	7.4	1.9	570	63.5	79.1
K269254		0.21	1.2	0.074	2.83	32.7	53.1	1.11	1180	1.53	0.04	8.0	2.4	560	36.4	140.0
K272318		0.35	<0.1	0.006	0.05	0.9	1.7	13.30	186	0.12	0.01	0.5	0.2	250	3.9	2.2
K269255		0.14	0.8	6.19	2.60	23.5	11.1	0.64	1760	2.03	0.02	6.1	2.1	430	>10000	141.5
K269256		0.15	1.2	0.108	2.81	19.2	61.2	0.60	581	0.80	0.13	7.7	2.1	550	84.7	105.5
K269257		0.20	1.4	0.179	2.97	20.6	34.4	0.63	477	1.24	0.14	8.8	2.3	600	738	110.0
K269298		0.21	1.2	0.055	2.93	18.2	50.2	0.73	700	0.80	1.21	8.3	2.1	610	34.9	111.0
K269299		0.14	1.1	1.105	2.96	21.3	41.2	0.70	853	1.63	0.06	7.4	2.3	540	6720	148.5
K269300		0.17	1.3	0.131	3.29	19.9	59.4	0.67	809	1.04	0.18	8.4	2.2	600	53.1	128.0
K269341		0.20	1.0	0.051	3.25	19.2	31.1	0.72	1020	1.14	1.31	7.8	1.9	580	275	131.5
K269342		0.17	0.7	1.415	2.67	15.9	41.0	0.52	1150	4.38	0.15	5.9	1.6	420	1545	153.5
K269343		0.22	1.1	0.040	2.93	20.4	53.5	0.58	459	5.14	1.60	8.2	2.5	590	28.4	117.5
G0561930		0.18	0.6	12.60	2.33	14.5	11.6	0.75	621	42.3	2.71	7.4	12.4	850	9720	70.4
L828026		0.17	1.3	0.078	3.16	18.0	26.4	0.49	743	0.74	0.12	8.4	2.2	600	73.2	131.5
L828027		0.18	1.2	5.14	2.89	22.5	32.7	0.64	1030	1.40	0.07	7.5	2.2	550	3640	179.5
L828028		0.14	1.1	3.38	2.33	22.1	38.6	0.91	1380	1.10	0.04	6.4	2.1	500	633	124.5
L828029		0.21	1.3	0.104	3.15	27.6	32.9	0.77	1060	1.04	0.72	7.0	2.6	600	231	165.5
L828031		0.22	1.4	0.069	3.21	19.8	21.3	0.74	691	0.82	1.23	8.8	2.2	630	85.4	113.0
L828032		0.20	1.4	0.109	2.75	25.7	34.6	0.53	1130	1.15	0.10	8.4	2.5	610	181.0	122.0
L828033		0.19	1.2	0.582	3.03	22.9	66.6	0.83	2000	0.91	0.06	7.3	2.1	530	414	145.5
L828034		0.20	1.3	0.216	3.29	24.4	61.1	0.77	1700	1.41	0.06	7.8	2.1	550	466	156.5
L828035		0.22	1.3	0.155	3.37	23.3	32.7	0.60	1200	1.26	0.70	8.1	2.2	560	396	149.0
L828037		0.22	1.4	0.089	3.25	19.9	20.4	0.74	752	0.93	0.83	8.6	2.4	570	170.0	122.0
L828038		0.17	1.0	19.65	3.20	16.9	60.5	0.42	1780	0.84	0.17	6.7	1.9	460	1185	143.0
L828039		0.22	1.2	0.212	2.94	20.7	44.0	0.66	691	1.07	1.37	8.1	2.1	580	53.5	116.0
L828063		0.25	1.0	0.042	2.56	18.9	25.1	0.73	546	1.46	1.90	8.1	2.2	570	24.1	100.0
L828064		0.18	0.9	0.725	2.72	17.3	18.6	0.36	664	2.44	0.03	5.6	3.0	440	1245	163.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K269205		<0.002	2.07	29.5	8.4	1	3.8	68.0	0.49	0.27	10.5	0.169	2.53	2.8	56	3.8
K269206		0.002	0.36	21.7	9.7	1	2.8	108.5	0.76	0.26	12.8	0.244	1.92	5.9	65	2.4
K269246		<0.002	0.34	12.40	12.0	2	1.7	146.5	0.72	<0.05	11.0	0.263	1.88	3.5	73	3.5
K269247		<0.002	2.85	70.6	9.1	2	7.3	46.6	0.55	<0.05	10.2	0.190	2.59	4.9	54	4.6
G0561929		0.037	>10.0	271	2.7	240	115.0	41.8	0.10	0.83	1.0	0.042	34.7	3.7	59	1.9
K269249		<0.002	0.40	13.75	11.7	2	1.7	104.0	0.74	<0.05	13.2	0.249	3.02	7.2	69	3.7
K269250		<0.002	0.57	59.7	9.6	2	2.2	160.0	0.57	<0.05	11.4	0.212	1.71	5.1	60	4.9
K269251		<0.002	5.68	401	3.8	4	5.3	175.5	0.22	0.13	4.3	0.083	1.37	7.6	24	2.5
K269252		<0.002	0.94	35.0	10.0	2	2.6	191.0	0.61	0.05	12.1	0.207	2.07	11.7	56	6.2
K269253		0.027	0.43	10.10	9.6	1	1.5	398	0.67	<0.05	11.9	0.242	1.83	4.4	65	5.3
K269254		<0.002	0.57	8.49	9.8	2	2.0	174.5	0.75	<0.05	14.2	0.240	2.86	4.8	64	4.5
K272318		<0.002	<0.01	0.20	0.3	1	<0.2	51.7	<0.05	<0.05	0.2	0.005	0.02	0.6	3	0.1
K269255		<0.002	6.91	105.0	8.7	3	9.4	58.7	0.53	0.08	8.9	0.189	2.76	3.0	54	4.2
K269256		<0.002	0.39	8.04	10.6	2	1.9	133.0	0.71	<0.05	11.6	0.246	1.82	4.1	66	2.8
K269257		<0.002	0.49	11.80	11.7	2	1.8	119.5	0.80	<0.05	12.5	0.266	1.41	5.4	68	4.6
K269298		<0.002	0.16	4.87	11.5	2	1.9	274	0.71	<0.05	10.6	0.258	1.91	3.5	74	2.0
K269299		<0.002	3.14	50.5	10.7	2	5.2	135.5	0.63	0.07	10.9	0.231	2.67	4.8	64	3.5
K269300		<0.002	0.26	15.25	11.0	2	1.8	188.0	0.80	<0.05	11.3	0.259	1.95	3.1	70	3.0
K269341		<0.002	0.25	4.28	10.5	2	2.9	261	0.70	<0.05	11.5	0.246	1.82	4.0	66	3.0
K269342		<0.002	>10.0	250	8.3	2	5.6	74.5	0.50	0.70	9.1	0.182	1.93	3.5	54	3.1
K269343		<0.002	0.46	20.9	11.5	2	1.7	299	0.74	0.08	12.1	0.256	1.35	4.2	70	2.1
G0561930		0.020	1.70	155.0	8.1	5	346	707	0.45	0.12	5.0	0.241	3.67	1.1	81	19.9
L828026		<0.002	0.26	19.25	11.0	2	1.7	102.0	0.74	<0.05	11.1	0.257	1.94	3.9	70	4.5
L828027		<0.002	4.92	193.0	11.4	3	5.0	72.1	0.63	0.15	12.2	0.235	2.58	3.3	67	5.4
L828028		<0.002	1.21	55.8	10.2	2	1.8	115.0	0.55	0.07	11.1	0.205	1.92	6.0	63	4.4
L828029		<0.002	1.63	10.25	12.2	2	1.7	170.0	0.65	0.47	13.8	0.230	2.29	5.2	69	2.8
L828031		<0.002	0.07	8.87	11.7	2	1.7	248	0.78	<0.05	11.7	0.271	1.72	3.3	74	2.7
L828032		<0.002	0.59	27.6	11.6	2	2.1	84.7	0.75	<0.05	14.4	0.256	1.76	3.2	68	5.6
L828033		<0.002	1.05	32.2	10.3	2	4.5	109.0	0.64	<0.05	12.5	0.227	2.81	5.0	63	4.7
L828034		<0.002	1.05	25.8	10.9	2	3.7	97.5	0.71	0.05	12.8	0.241	3.19	4.8	65	4.7
L828035		<0.002	1.39	13.65	10.9	2	2.7	178.0	0.72	<0.05	12.8	0.242	2.33	4.5	66	3.5
L828037		0.002	0.09	4.99	11.2	2	1.9	182.0	0.76	<0.05	12.0	0.258	1.94	3.5	67	2.8
L828038		<0.002	3.65	30.4	9.3	5	5.9	93.0	0.57	0.07	10.1	0.205	2.30	3.4	58	3.5
L828039		<0.002	0.17	12.30	10.8	2	1.6	253	0.71	<0.05	11.8	0.249	1.46	3.7	68	3.5
L828063		<0.002	0.12	5.36	10.7	2	1.7	308	0.67	<0.05	10.6	0.246	1.20	3.6	68	2.2
L828064		<0.002	6.36	58.8	8.2	2	6.1	27.2	0.49	0.26	9.7	0.188	2.45	4.5	58	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026784

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269205		10.2	6930	23.4				
K269206		13.2	281	27.1				
K269246		14.3	381	34.2				
K269247		9.5	5590	28.1				
G0561929		6.6	>10000	19.8	154	1.220	1.480	8.98
K269249		13.9	267	37.9				
K269250		11.8	602	29.1				
K269251		6.2	>10000	11.7				3.78
K269252		12.6	2140	33.9				
K269253		13.3	205	31.1				
K269254		14.2	126	32.4				
K272318		1.1	21	0.5				
K269255		10.5	>10000	22.4			1.485	2.07
K269256		12.8	573	35.0				
K269257		15.3	2150	39.8				
K269298		13.8	70	33.6				
K269299		12.5	3680	31.2				
K269300		13.9	92	36.5				
K269341		13.7	123	29.4				
K269342		10.9	691	21.6				
K269343		13.8	74	33.0				
G0561930		10.6	7580	16.8	105			
L828026		13.0	152	37.0				
L828027		12.9	>10000	36.0				1.370
L828028		16.0	5910	32.6				
L828029		14.4	835	38.5				
L828031		15.2	122	40.9				
L828032		14.3	415	40.5				
L828033		13.2	2120	35.2				
L828034		13.4	768	38.4				
L828035		13.7	880	38.8				
L828037		15.1	473	41.4				
L828038		11.1	>10000	31.5				3.67
L828039		14.5	433	36.6				
L828063		14.4	69	27.9				
L828064		9.0	3300	25.2				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026784

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026785

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L828066		0.29	7.37	11.1	1920	1.59	0.20	2.29	1.41	46.6	6.3	9	12.85	18.4	3.08	16.40
L828087		0.26	6.19	32.2	1670	1.44	0.31	3.19	0.31	48.9	8.3	8	16.90	8.8	2.74	15.35
L828088		44.0	6.18	1530	710	1.53	19.95	2.10	15.05	39.8	7.8	9	18.50	2190	6.63	14.45
L828089		0.29	7.97	52.6	1040	1.97	0.25	2.41	0.35	73.6	7.7	24	19.95	16.1	2.99	19.45
L828090		20.1	5.08	970	1400	1.25	15.30	1.02	6.38	152.0	13.1	7	8.59	169.5	8.78	11.75
L828092		0.20	6.52	14.4	2340	1.47	0.15	2.80	0.17	42.6	5.4	8	12.65	6.5	2.82	15.20
L828967		0.21	5.18	21.2	80	2.92	0.64	0.53	5.53	20.4	3.2	5	18.75	4.9	0.65	15.30
G0561931		>100	1.38	920	270	0.25	46.6	1.76	500	14.75	26.5	30	0.75	>10000	17.50	17.95
L828968		24.1	3.88	4330	520	1.35	3.56	1.82	122.0	26.6	4.6	7	13.25	230	4.82	9.50
L828969		1.10	7.28	75.4	1930	1.66	0.77	1.33	20.3	51.0	8.8	10	14.40	45.4	3.23	17.05
L828987		0.49	6.70	37.6	2180	1.48	0.16	2.84	2.94	39.1	6.6	9	15.10	12.8	3.36	15.35
L828988		39.8	6.24	871	1230	1.46	38.7	2.19	95.4	43.4	6.5	7	12.90	2280	5.89	13.35
L828989		0.32	7.05	11.1	2370	1.60	0.24	2.29	0.77	45.0	6.3	14	12.35	9.7	3.06	15.15
L828993		0.18	7.17	12.7	3290	1.62	0.15	2.71	0.59	40.9	7.7	7	20.3	11.1	3.08	15.85
L828994		48.3	4.76	>10000	540	0.86	13.80	0.40	901	24.4	6.3	11	6.55	1155	7.85	11.80
G0561932		>100	7.71	53.0	1310	1.29	1.64	2.44	56.1	32.0	13.0	22	2.49	4700	4.09	21.8
L828995		0.29	7.30	23.4	2060	1.28	0.15	1.28	2.20	47.4	6.8	11	12.05	11.5	2.92	16.85
L829006		3.14	6.87	67.2	1900	1.62	4.40	2.56	4.29	43.0	8.6	10	19.55	62.7	3.02	15.65
L829007		15.05	6.62	3880	900	1.55	18.60	2.02	21.7	44.7	6.8	9	15.80	342	4.55	15.90
L829008		1.31	7.27	213	1430	1.68	1.01	1.86	6.34	51.0	11.0	9	17.95	33.2	5.84	15.90
L829009		>100	4.46	1880	450	0.97	354	0.44	5.18	14.55	667	7	3.40	315	19.30	11.05
L829011		2.77	7.20	134.0	810	1.46	2.36	1.76	11.10	50.0	30.7	9	9.17	66.8	3.49	15.90
L829012		6.03	7.27	251	1150	1.64	3.67	2.20	18.30	51.8	15.1	8	13.75	29.6	4.05	16.20
K272350		0.05	0.10	6	20	0.07	0.07	20.0	0.16	1.81	2.0	2	0.20	2.4	0.42	0.41
L829013		29.7	6.04	439	470	1.34	34.0	2.29	164.5	43.6	7.9	10	15.20	620	5.07	13.70
L829014		7.17	5.02	608	740	1.05	7.22	1.45	42.3	27.0	47.9	7	12.20	166.5	4.23	10.95
L829015		1.83	5.82	696	490	1.30	1.80	0.89	10.95	40.7	7.9	7	17.90	23.4	4.08	13.35
L829016		2.27	6.60	92.3	890	1.33	1.24	1.84	21.5	48.7	13.8	8	13.70	26.2	3.48	14.20
L829017		0.87	7.84	197.5	1150	1.81	0.95	1.75	7.02	51.0	7.1	9	27.5	26.0	3.19	16.80
L829018		2.51	7.09	233	1440	1.57	2.26	2.50	5.59	49.4	6.7	7	16.30	67.7	4.56	16.60
L829019		>100	5.13	2390	800	1.26	219	2.18	55.5	29.9	5.5	7	11.00	4840	8.74	13.10
L829021		0.61	7.53	24.7	1980	1.55	0.66	2.36	1.07	51.4	7.7	9	22.7	22.6	3.45	16.20
L829046		0.96	6.84	280	1310	1.77	0.62	2.89	4.57	43.0	8.4	8	20.6	48.4	2.76	15.85
L829047		24.8	4.50	3300	1370	0.98	36.3	1.04	25.7	28.0	25.3	9	6.72	225	8.96	10.15
L829049		0.18	7.81	29.7	660	1.98	0.18	1.96	0.51	48.7	5.8	8	27.4	7.7	2.61	16.65
L829054		0.75	6.84	238	1680	1.75	0.36	1.83	0.96	44.3	8.7	7	21.7	25.7	2.84	15.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
L828066		0.20	1.0	0.057	2.94	24.8	51.4	0.70	678	1.83	1.45	7.0	2.5	580	74.4	117.0
L828087		0.19	0.9	0.069	2.33	26.1	39.9	0.90	661	0.95	1.57	6.8	3.1	530	38.2	92.9
L828088		0.20	1.1	0.946	2.49	21.7	30.8	0.60	695	1.36	0.47	6.4	3.3	520	610	138.5
L828089		0.20	4.4	0.043	2.28	37.9	72.0	1.04	568	0.54	0.06	11.0	8.4	1350	25.5	75.2
L828090		0.24	0.7	0.365	2.37	133.0	15.2	0.46	1200	5.01	0.04	4.7	1.9	350	420	162.5
L828092		0.16	1.2	0.043	2.61	23.1	80.4	0.75	469	3.64	0.62	7.7	2.1	560	30.8	88.5
L828967		0.08	2.4	0.033	1.60	10.1	136.5	0.10	369	2.39	0.03	16.0	0.5	60	35.3	132.5
G0561931		1.08	0.6	7.44	0.41	8.2	7.5	0.83	384	40.5	0.02	1.8	56.3	380	>10000	20.6
L828968		0.11	0.7	1.260	1.61	15.3	34.4	0.70	2390	45.9	0.03	4.4	1.5	210	4460	119.0
L828969		0.19	1.1	0.091	3.13	26.9	29.8	0.48	1120	1.68	0.23	7.9	2.7	580	219	160.5
L828987		0.20	1.0	0.080	2.83	20.9	16.0	0.71	888	1.02	1.07	7.3	2.4	560	156.0	95.7
L828988		0.19	0.9	3.58	2.90	24.6	17.4	0.55	1550	2.21	0.27	6.0	2.2	460	2400	170.0
L828989		0.20	1.0	0.048	2.62	24.0	21.6	0.84	489	1.35	1.86	7.6	2.5	600	55.8	98.7
L828993		0.21	1.1	0.061	2.76	21.8	26.7	0.70	488	1.07	1.26	7.9	2.3	570	24.2	107.0
L828994		0.17	0.6	13.85	2.15	12.6	10.2	0.28	1300	2.54	0.03	4.7	1.7	340	7920	140.5
G0561932		0.17	0.6	13.85	2.26	17.7	11.1	0.70	598	40.8	2.60	7.2	12.6	820	9120	70.9
L828995		0.17	1.0	0.076	2.85	25.2	26.1	0.38	694	0.78	0.15	8.0	2.2	580	75.0	123.0
L829006		0.11	1.1	0.184	2.97	20.4	34.8	0.48	974	0.42	1.28	8.1	1.7	550	101.5	109.0
L829007		0.15	0.9	0.969	2.74	23.4	22.6	0.74	3780	0.78	0.03	6.9	1.5	480	424	142.5
L829008		0.19	1.1	0.368	3.00	29.6	10.6	0.88	3860	0.56	0.03	7.6	1.8	530	138.5	158.5
L829009		0.39	0.5	0.709	2.07	7.0	7.0	0.27	1130	25.6	0.02	3.5	18.0	200	1770	118.5
L829011		0.13	1.0	0.269	3.23	29.0	9.1	0.78	1780	2.22	0.03	6.6	1.8	510	491	187.5
L829012		0.15	1.0	0.501	3.21	29.6	12.7	0.91	1880	0.96	0.03	7.2	1.8	560	148.0	180.0
K272350		<0.05	<0.1	0.010	0.04	0.8	1.3	12.30	192	0.22	<0.01	0.4	<0.2	280	3.4	2.0
L829013		0.13	1.0	5.29	2.39	24.5	53.1	0.84	1640	3.95	0.03	6.4	1.3	420	1175	121.5
L829014		0.06	0.7	1.430	1.97	13.0	80.1	0.55	1310	10.35	0.02	4.6	2.0	290	104.5	103.5
L829015		0.08	1.0	0.401	2.40	22.9	30.9	0.47	1600	11.25	0.02	6.4	1.8	400	257	145.5
L829016		0.11	1.0	0.398	2.67	27.9	24.2	0.76	1380	1.94	0.03	6.9	1.7	480	708	130.5
L829017		0.12	1.3	0.139	2.46	28.1	218	0.70	978	0.72	0.04	8.8	1.5	570	86.2	121.5
L829018		0.15	1.2	0.241	2.95	27.5	15.3	0.95	5460	0.88	0.02	8.3	1.5	540	123.0	153.5
L829019		0.14	0.8	3.47	2.11	14.2	16.4	0.95	4560	0.89	0.02	5.4	0.9	340	1415	100.5
L829021		0.12	1.3	0.063	2.69	29.5	100.0	0.88	1130	0.62	0.08	8.5	2.0	540	45.3	120.5
L829046		0.13	1.0	0.246	2.89	23.1	67.2	0.79	2030	1.52	0.04	8.2	1.6	520	64.8	120.5
L829047		0.17	0.6	0.883	1.97	14.1	16.7	0.39	2410	6.55	0.02	4.6	2.1	310	395	109.0
L829049		0.12	1.2	0.036	2.55	26.3	343	0.76	744	3.56	0.04	8.9	1.4	640	32.4	114.0
L829054		0.15	0.9	0.114	2.86	25.4	24.8	0.69	1220	9.07	0.03	7.5	2.3	550	38.0	179.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
L828066		<0.002	0.12	9.90	11.1	1	1.5	267	0.64	<0.05	13.2	0.256	1.66	4.1	67	2.6
L828087		<0.002	0.34	3.39	9.3	1	2.1	253	0.59	0.05	9.6	0.234	1.66	3.0	62	1.2
L828088		<0.002	5.96	52.0	9.5	2	4.6	184.0	0.53	0.63	10.4	0.206	2.13	5.0	55	2.7
L828089		<0.002	0.09	7.74	7.7	1	1.4	464	0.82	<0.05	10.2	0.364	1.02	3.8	66	2.0
L828090		<0.002	8.11	35.1	8.3	1	6.7	96.0	0.46	0.35	10.2	0.152	2.12	5.4	50	3.2
L828092		<0.002	0.08	5.56	10.4	1	2.0	344	0.83	<0.05	11.4	0.245	1.44	2.8	65	2.9
L828967		<0.002	0.03	31.0	2.7	1	2.7	70.6	2.28	<0.05	18.3	0.029	1.11	5.0	3	1.6
G0561931		0.031	>10.0	262	2.8	228	101.0	43.5	0.10	0.78	1.2	0.042	32.1	4.3	57	1.8
L828968		<0.002	2.48	125.0	5.9	1	4.2	43.8	0.43	0.05	8.0	0.116	1.83	8.8	34	4.9
L828969		<0.002	0.18	17.55	11.0	1	1.5	97.2	0.71	<0.05	15.1	0.246	2.00	4.3	67	3.4
L828987		<0.002	0.17	5.89	9.8	1	1.6	276	0.69	<0.05	11.2	0.245	1.55	3.9	66	3.5
L828988		<0.002	4.89	62.5	9.6	2	4.5	102.5	0.65	0.14	11.8	0.202	2.44	5.0	54	4.1
L828989		<0.002	0.04	3.58	11.2	1	1.6	324	0.73	<0.05	13.2	0.265	1.10	3.1	74	3.6
L828993		<0.002	0.07	7.14	10.6	1	1.5	315	0.70	<0.05	11.3	0.251	1.19	3.2	68	1.9
L828994		<0.002	8.78	114.0	6.5	5	5.6	14.8	0.41	0.21	7.7	0.157	2.31	2.6	42	6.4
G0561932		0.019	1.64	142.0	7.9	4	327	691	0.45	0.10	5.6	0.235	3.77	1.3	76	19.8
L828995		<0.002	0.10	13.80	11.0	1	1.6	90.3	0.70	<0.05	14.4	0.259	1.45	3.5	70	5.5
L829006		<0.002	0.48	6.24	10.5	<1	2.1	243	0.74	0.07	11.4	0.239	1.81	4.1	65	2.2
L829007		<0.002	2.35	35.2	10.0	<1	5.7	93.9	0.61	0.08	12.5	0.210	2.86	4.9	59	5.8
L829008		<0.002	1.44	9.22	10.7	<1	3.2	81.2	0.68	0.16	14.5	0.224	3.26	5.5	62	7.6
L829009		0.017	>10.0	48.1	4.0	6	12.6	14.5	0.30	16.80	6.2	0.105	1.64	2.3	55	4.8
L829011		0.003	1.91	18.30	10.3	<1	5.9	63.7	0.57	0.18	15.1	0.197	2.88	5.8	67	5.4
L829012		0.002	1.71	12.05	11.0	1	3.9	86.8	0.61	0.34	14.4	0.211	3.19	5.4	67	5.0
K272350		<0.002	0.02	0.20	0.4	<1	<0.2	53.4	<0.05	<0.05	0.2	<0.005	<0.02	0.6	3	0.1
L829013		0.002	3.62	134.0	8.7	2	3.7	99.5	0.61	0.50	13.2	0.183	2.39	6.9	51	5.8
L829014		0.003	3.09	53.9	6.1	<1	5.4	125.5	0.40	0.44	8.4	0.142	1.84	5.1	46	5.6
L829015		<0.002	2.23	37.5	8.5	<1	4.0	71.9	0.58	0.08	12.3	0.182	2.43	7.6	53	5.0
L829016		0.002	1.20	16.95	9.8	<1	3.3	108.0	0.61	0.11	14.4	0.206	2.47	6.5	60	5.9
L829017		<0.002	0.55	16.85	11.9	<1	2.1	126.5	0.77	<0.05	15.9	0.254	2.07	4.5	70	5.5
L829018		<0.002	1.48	18.45	11.5	<1	5.8	79.5	0.75	<0.05	14.7	0.236	3.61	5.4	66	8.7
L829019		0.002	6.43	186.5	7.3	1	7.6	64.7	0.51	0.32	9.9	0.156	2.35	5.0	43	6.9
L829021		0.002	0.30	6.82	11.2	<1	1.6	140.0	0.75	<0.05	15.0	0.234	2.24	6.3	66	4.4
L829046		<0.002	0.72	15.80	10.3	<1	1.9	109.5	0.70	<0.05	13.1	0.227	3.21	5.5	62	4.3
L829047		0.002	9.12	76.3	6.4	<1	3.9	45.2	0.42	0.74	7.9	0.133	2.01	4.0	39	4.0
L829049		0.002	0.29	8.47	12.4	<1	2.0	246	0.84	<0.05	16.2	0.251	2.33	5.2	68	3.8
L829054		<0.002	1.63	23.5	11.2	<1	2.8	130.0	0.65	<0.05	13.6	0.221	3.27	9.2	66	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
L828066		15.5	162	28.0				
L828087		13.3	70	27.5				
L828088		13.3	1120	38.9				
L828089		13.5	92	177.0				
L828090		11.0	540	18.7				
L828092		14.3	50	34.8				
L828967		12.5	303	41.4				
G0561931		8.6	>10000	20.7	164	1.240	1.505	9.16
L828968		14.1	3750	20.2				
L828969		17.5	2180	32.7				
L828987		16.0	253	28.1				
L828988		15.1	7100	23.2				
L828989		16.2	93	27.0				
L828993		18.4	89	30.8				
L828994		6.7	>10000	16.7				5.57
G0561932		12.6	7470	16.8	106			
L828995		16.8	211	29.2				
L829006		13.7	318	29.1				
L829007		11.7	1620	23.9				
L829008		12.8	587	26.6				
L829009		5.4	417	14.1	192			
L829011		11.1	963	25.5				
L829012		12.8	1350	26.6				
K272350		1.0	21	<0.5				
L829013		12.7	>10000	24.0				1.060
L829014		8.9	2880	18.5				
L829015		9.6	786	25.6				
L829016		11.8	2090	26.3				
L829017		15.8	521	32.0				
L829018		13.6	470	29.3				
L829019		9.3	4040	21.2	116			
L829021		16.9	121	33.0				
L829046		14.7	433	28.2				
L829047		8.5	1960	15.8				
L829049		16.1	83	28.5				
L829054		13.9	126	23.2				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026785

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026786

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829055		21.6	5.61	1835	1660	1.45	15.20	1.69	155.0	36.8	7.4	7	13.75	277	6.03	12.70
L829056		0.18	7.11	13.1	1230	2.24	0.15	1.61	0.68	59.9	6.0	13	19.80	12.5	2.33	18.75
L829063		5.97	6.75	1745	830	1.43	2.69	1.08	91.0	40.1	8.7	50	8.31	82.4	5.69	17.15
L829064		>100	5.86	5980	790	1.26	18.70	1.62	65.7	36.4	7.5	13	8.22	3560	10.30	12.90
L829065		6.18	6.84	458	320	1.46	7.16	0.39	16.75	47.0	6.6	9	8.06	132.5	6.59	15.50
L829078		0.48	7.48	20.9	1820	1.62	0.18	2.64	1.70	49.3	7.4	16	12.35	35.2	2.94	16.40
L829079		10.95	6.24	1380	400	1.33	9.33	0.77	79.2	43.7	6.7	9	9.41	283	7.70	13.65
G0561933		>100	1.43	1135	250	0.27	57.3	1.77	514	13.60	29.5	30	0.71	>10000	17.15	16.90
L829081		2.02	7.03	35.0	1880	1.67	3.22	2.34	1.88	46.7	8.0	11	12.95	74.6	3.18	15.50
L829082		50.6	5.70	1040	770	1.22	77.0	1.19	60.1	35.1	8.2	9	10.25	1835	11.60	12.20
L829083		0.38	7.14	28.6	2000	1.79	0.42	2.31	0.60	45.3	7.7	11	12.75	10.4	3.25	16.60
L829102		0.08	6.27	41.6	1690	2.02	0.13	3.65	15.00	48.4	8.5	22	18.85	11.7	2.67	18.15
L829103		3.92	7.02	1555	1080	1.48	5.70	1.70	94.9	43.4	8.0	7	22.9	63.3	3.88	15.60
L829104		0.13	7.15	22.7	2050	1.73	0.12	2.29	1.55	45.5	6.7	9	25.9	5.3	3.19	16.65
L829109		1.24	7.17	35.7	1190	1.73	1.21	1.49	7.33	52.5	7.0	7	19.80	14.7	4.85	15.85
L829110		15.35	6.48	1365	610	1.57	19.10	2.28	107.0	50.2	7.3	9	16.70	163.5	5.19	14.60
L829112		0.14	6.95	7.1	2100	1.73	0.10	2.37	0.58	44.2	6.9	11	12.00	9.9	2.82	15.95
L829153		2.24	6.67	347	760	1.44	1.89	1.32	65.5	57.5	6.5	8	10.70	40.8	3.48	15.85
L829154		52.3	3.53	978	270	1.04	56.3	1.76	48.2	24.5	6.0	7	11.15	2370	5.16	8.59
L829155		3.81	5.50	536	340	1.25	2.20	0.88	24.6	37.5	4.7	7	17.30	129.5	4.73	14.40
G0561934		96.4	7.19	43.8	1440	1.24	1.55	2.23	53.3	27.6	12.5	21	2.33	4320	3.63	20.6
L829156		2.27	6.81	1210	920	1.28	1.42	1.59	24.0	47.3	4.9	7	23.7	56.9	3.26	14.90
L829158		2.67	6.75	103.0	960	1.44	2.25	1.31	19.95	46.9	8.0	7	9.97	49.1	3.46	16.40
L829159		3.59	7.13	252	630	1.45	3.18	1.04	37.8	50.2	5.9	10	7.26	77.8	3.84	16.35
L829160		5.83	6.68	1415	930	1.37	5.72	0.95	56.0	51.6	6.1	8	7.35	97.5	4.29	16.15
L829161		1.02	7.04	39.1	1420	1.57	0.76	2.01	6.11	43.7	35.3	10	6.36	7.9	2.27	15.45
L829162		0.56	6.99	15.2	1370	1.49	0.56	2.08	6.07	56.0	27.5	9	7.60	5.0	2.80	15.35
L829163		0.38	7.16	12.2	1410	1.70	0.31	2.34	4.94	51.8	6.7	10	13.65	6.5	3.75	16.80
L829164		0.40	7.12	9.5	1080	1.75	0.37	2.11	6.50	58.1	5.6	9	9.37	4.8	2.25	16.75
L829165		3.35	6.37	287	1160	1.30	1.55	2.79	14.10	44.9	14.9	9	8.59	18.6	3.86	14.65
L829166		0.19	6.79	10.5	1570	1.67	0.11	2.33	0.23	45.4	6.9	7	18.85	3.0	2.77	16.85
L829167		0.27	7.44	52.1	1740	1.78	0.36	1.57	1.05	47.9	6.1	8	17.55	9.8	3.05	17.25
K272390		0.04	0.09	<5	30	0.07	0.01	20.4	0.09	1.46	0.7	2	0.22	23.5	0.41	0.30
L829168		0.23	7.13	16.2	1140	1.57	0.22	2.18	2.02	46.0	4.4	7	9.59	22.1	2.55	15.95
L829169		5.14	5.99	2200	1220	1.29	4.77	1.58	62.2	41.9	7.9	6	16.95	97.2	4.06	13.80
L829171		0.29	7.25	11.6	1050	1.54	0.32	2.17	0.19	46.1	11.9	8	10.35	5.2	2.96	16.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
L829055		0.15	0.8	3.68	2.33	18.6	21.6	0.62	3070	10.90	0.03	6.2	2.1	430	597	138.0
L829056		0.16	3.3	0.030	2.54	32.0	369	0.66	562	1.97	0.03	10.8	4.2	900	26.8	86.5
L829063		0.18	1.7	1.210	3.22	20.4	7.1	0.79	4320	1.37	0.03	6.9	19.3	600	1640	198.0
L829064		0.25	0.9	1.610	2.53	17.2	8.6	0.66	3090	1.74	0.02	6.0	3.7	420	886	129.5
L829065		0.15	0.9	0.579	3.11	24.7	9.4	0.40	1060	0.94	0.03	7.1	2.0	500	384	163.5
L829078		0.14	1.0	0.064	2.59	26.7	14.2	0.70	994	0.50	1.93	8.0	1.4	560	85.0	100.5
L829079		0.20	0.9	2.28	2.66	21.8	59.3	0.59	1660	0.57	0.03	6.4	2.1	460	1005	143.0
G0561933		1.08	0.6	7.37	0.41	7.5	8.5	0.86	389	34.8	0.02	1.9	61.8	390	>10000	17.6
L829081		0.10	1.1	0.132	2.73	24.2	26.3	0.69	746	0.63	1.75	8.3	1.5	550	99.8	98.1
L829082		0.22	0.8	4.42	2.45	16.8	20.9	0.49	2470	0.72	0.34	5.8	1.4	390	1235	118.0
L829083		0.16	1.2	0.073	2.82	23.0	36.8	0.71	866	0.56	1.75	8.9	1.6	560	29.3	101.0
L829102		0.15	4.6	0.072	1.96	23.6	70.5	0.61	731	0.87	0.06	11.6	7.2	1330	22.2	51.4
L829103		0.16	1.1	5.61	2.54	23.1	70.9	0.35	552	1.04	0.19	7.9	1.3	530	383	108.5
L829104		0.18	1.3	0.073	2.85	22.5	32.3	0.66	832	1.05	0.95	8.6	1.7	580	43.0	108.0
L829109		0.17	1.2	0.137	3.11	30.3	24.5	0.84	2290	1.37	0.04	7.6	1.8	540	370	167.5
L829110		0.16	1.3	4.12	2.63	25.7	38.0	0.64	2100	4.63	0.03	7.2	1.7	490	1230	149.5
L829112		0.16	1.4	0.039	2.63	23.0	16.2	0.70	527	1.21	2.20	8.5	1.5	550	53.1	89.8
L829153		0.11	0.9	1.040	2.94	34.9	29.0	0.71	1580	4.18	0.03	6.0	5.7	520	514	195.5
L829154		0.09	0.6	2.06	1.39	11.9	33.3	0.70	2590	3.26	0.02	3.4	2.7	190	1800	81.0
L829155		0.11	0.8	0.759	2.17	19.0	32.0	0.48	2350	12.65	0.02	5.6	3.3	370	316	141.0
G0561934		0.09	0.5	12.00	2.08	13.2	10.9	0.64	562	36.1	2.40	6.7	11.6	770	8620	62.7
L829156		0.11	1.1	0.862	2.49	25.4	45.1	0.61	1420	3.16	0.03	6.4	2.6	500	182.0	149.0
L829158		0.10	0.8	0.382	2.98	21.6	28.7	0.72	1800	1.08	0.03	5.1	2.8	480	572	195.0
L829159		0.13	1.1	0.672	3.31	26.3	7.4	0.63	1810	1.38	0.03	6.6	3.3	540	916	221
L829160		0.10	0.9	1.085	3.02	27.8	6.6	0.53	2540	1.42	0.03	6.3	2.6	490	1050	190.0
L829161		0.12	1.0	0.144	3.05	20.0	45.1	0.61	1240	1.33	0.05	5.8	4.4	540	240	183.0
L829162		0.11	1.1	0.123	2.44	29.7	51.0	0.56	957	0.77	0.68	5.8	3.4	530	177.0	126.5
L829163		0.11	1.3	0.125	2.24	25.3	53.0	0.64	952	1.07	0.66	8.4	2.7	570	155.5	94.5
L829164		0.13	1.3	0.130	1.84	28.8	180.5	0.63	759	0.73	0.05	8.1	2.5	570	129.0	83.6
L829165		0.11	0.9	0.383	2.79	22.1	10.1	1.02	2920	1.15	0.04	5.6	2.7	450	380	175.0
L829166		0.11	1.4	0.039	2.31	20.6	182.5	0.45	481	0.97	0.27	8.9	3.0	560	20.6	88.1
L829167		0.10	1.2	0.079	2.53	22.1	233	0.47	733	2.07	0.08	8.3	2.7	630	28.1	109.5
K272390		0.07	<0.1	0.006	0.04	0.7	1.9	12.50	191	0.16	<0.01	0.3	0.2	270	2.7	1.9
L829168		0.12	1.1	0.119	1.75	23.9	229	0.70	864	1.76	0.04	7.4	2.1	610	28.2	66.6
L829169		0.11	0.9	1.530	2.49	23.0	23.5	0.63	2470	6.88	0.03	5.7	2.7	450	421	143.5
L829171		0.09	1.0	0.038	2.28	23.5	188.5	0.80	808	3.47	0.04	7.3	4.2	600	10.1	109.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
L829055		0.002	5.52	91.8	8.5	2	9.3	103.0	0.52	0.07	10.5	0.174	2.41	5.1	48	4.9
L829056		<0.002	0.05	29.7	5.3	<1	1.9	241	0.82	<0.05	10.6	0.279	1.26	4.7	45	3.3
L829063		0.002	2.20	14.30	9.3	1	4.0	37.6	0.63	<0.05	10.4	0.193	3.18	4.7	69	3.1
L829064		0.002	>10.0	260	8.2	1	7.8	71.2	0.52	0.18	10.4	0.180	2.50	4.0	51	4.5
L829065		<0.002	5.84	25.1	10.1	<1	9.3	27.9	0.60	0.08	13.0	0.216	2.66	3.6	61	4.8
L829078		0.002	0.10	1.76	10.9	<1	1.9	336	0.68	<0.05	14.5	0.240	1.35	4.2	65	1.3
L829079		<0.002	5.75	8.71	9.5	1	6.5	42.0	0.56	0.06	12.2	0.198	2.10	4.3	56	3.7
G0561933		0.035	>10.0	257	2.9	210	108.5	42.6	0.10	0.88	1.2	0.042	34.1	4.1	57	1.8
L829081		<0.002	0.51	1.90	10.7	<1	1.9	316	0.77	<0.05	14.1	0.234	1.39	4.5	65	0.8
L829082		<0.002	>10.0	52.9	7.9	1	4.5	89.9	0.52	0.26	10.3	0.169	2.02	4.0	48	3.1
L829083		0.002	0.30	3.64	11.1	<1	1.9	323	0.77	<0.05	13.6	0.248	1.48	4.4	67	1.3
L829102		<0.002	0.04	11.30	6.0	<1	1.2	463	0.79	<0.05	7.2	0.341	1.18	4.0	63	1.7
L829103		<0.002	1.90	9.68	11.3	1	2.4	149.5	0.67	0.07	13.5	0.237	1.89	3.3	67	3.6
L829104		<0.002	0.09	3.89	11.3	<1	1.6	212	0.75	<0.05	13.1	0.252	1.80	3.0	67	3.4
L829109		0.002	0.51	8.40	11.1	<1	2.5	76.3	0.65	0.05	14.6	0.229	3.11	6.1	64	5.8
L829110		<0.002	3.73	29.9	9.7	1	3.6	74.9	0.64	0.22	13.1	0.199	2.82	5.6	58	5.1
L829112		<0.002	0.03	1.69	10.7	<1	1.5	337	0.80	<0.05	13.8	0.242	1.06	4.4	66	1.8
L829153		0.004	1.08	19.40	9.0	1	4.1	42.9	0.43	<0.05	11.4	0.196	2.84	5.0	59	3.8
L829154		0.003	3.43	439	5.3	<1	7.0	41.3	0.28	0.08	6.2	0.109	1.73	3.3	34	4.9
L829155		0.004	2.81	69.4	8.2	1	8.1	63.9	0.42	<0.05	10.1	0.172	2.32	4.6	50	5.0
G0561934		0.020	1.53	142.5	6.9	3	318	652	0.37	0.10	4.8	0.213	3.41	1.2	73	17.6
L829156		0.004	1.37	28.9	9.5	<1	4.1	103.5	0.53	<0.05	13.1	0.209	2.58	7.3	58	5.2
L829158		0.003	1.01	22.9	9.9	1	3.4	38.1	0.40	<0.05	12.1	0.169	2.65	3.8	65	3.6
L829159		0.003	1.28	17.15	9.6	1	4.3	24.5	0.51	0.07	13.8	0.192	3.11	4.9	60	5.8
L829160		0.004	2.19	20.7	9.6	1	5.6	21.7	0.49	0.10	12.4	0.191	2.87	4.6	62	4.3
L829161		0.006	0.89	8.36	9.4	1	3.0	59.0	0.45	0.09	14.5	0.179	2.71	8.8	59	3.8
L829162		0.003	0.69	7.14	9.1	<1	2.6	101.0	0.49	0.07	13.3	0.189	2.19	6.7	60	2.2
L829163		0.002	0.16	7.62	10.6	1	2.4	170.5	0.68	<0.05	11.7	0.244	1.86	4.4	72	3.9
L829164		0.004	0.17	15.55	10.5	1	2.4	197.0	0.65	<0.05	12.9	0.233	1.84	3.9	66	6.0
L829165		0.004	1.96	11.45	8.6	2	3.0	78.2	0.44	0.06	12.0	0.170	2.76	5.3	53	2.4
L829166		0.003	0.07	11.15	9.9	2	2.1	182.0	0.69	<0.05	10.8	0.250	1.41	3.5	70	5.7
L829167		0.004	0.39	17.95	10.9	1	2.1	182.5	0.67	<0.05	11.5	0.259	1.59	2.7	71	5.2
K272390		0.003	0.01	0.17	0.2	<1	<0.2	48.1	<0.05	<0.05	0.2	<0.005	0.03	0.6	3	0.1
L829168		0.003	0.11	17.35	9.8	1	2.2	223	0.58	<0.05	10.7	0.250	1.50	2.6	70	3.5
L829169		<0.002	2.01	42.7	8.8	<1	5.3	76.3	0.45	<0.05	9.6	0.190	2.50	6.2	58	4.6
L829171		0.002	0.44	14.85	10.6	<1	1.6	173.5	0.56	0.07	11.1	0.238	1.98	3.5	70	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
L829055		10.0	>10000	20.6				1.435
L829056		9.4	157	105.5				
L829063		7.7	6790	49.3				
L829064		8.4	5260	23.2	126			
L829065		8.9	1360	24.0				
L829078		16.2	209	25.7				
L829079		10.7	8580	22.1				
G0561933		7.8	>10000	18.6	162	1.305	1.555	9.50
L829081		16.1	248	27.3				
L829082		11.5	5640	20.6				
L829083		16.7	88	29.9				
L829102		10.3	1410	171.0				
L829103		13.4	5840	30.2				
L829104		15.0	295	33.0				
L829109		13.2	700	30.4				
L829110		14.2	7840	33.9				
L829112		16.5	89	38.8				
L829153		11.8	4240	21.6				
L829154		7.2	4480	13.7				
L829155		9.4	1610	22.1				
G0561934		10.0	7120	14.2				
L829156		11.9	1620	25.1				
L829158		9.1	1380	22.9				
L829159		10.1	2610	26.7				
L829160		9.3	3890	24.0				
L829161		11.5	446	25.9				
L829162		11.2	479	27.7				
L829163		14.6	379	34.8				
L829164		14.5	459	33.9				
L829165		12.4	1040	24.8				
L829166		14.4	51	36.3				
L829167		13.9	116	30.9				
K272390		1.0	29	0.5				
L829168		13.5	185	26.8				
L829169		9.7	4210	22.2				
L829171		11.6	64	25.6				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026786

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026787

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

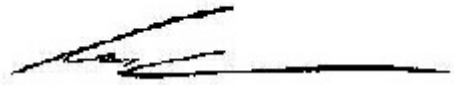
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829183		0.24	7.47	11.6	1400	1.40	0.44	3.12	0.59	36.6	18.5	10	7.47	5.2	2.29	16.95
L829184		7.23	6.31	700	270	1.14	5.53	1.52	162.5	38.1	51.5	8	5.11	233	5.72	15.10
L829186		0.28	7.22	9.3	1330	1.45	0.54	3.25	0.23	60.4	17.2	8	7.64	3.5	1.90	17.55
L829220		0.56	7.68	55.0	1370	2.11	0.34	2.50	1.43	72.2	8.0	24	27.1	19.1	2.81	20.5
L829221		9.16	7.01	442	330	1.40	8.34	2.04	201	47.1	7.5	6	17.85	659	5.16	15.70
K270063		0.09	0.15	15	30	0.08	0.08	21.0	0.52	1.98	1.6	1	0.36	3.9	0.45	0.43
L829222		0.35	7.25	27.2	1780	1.33	0.45	2.70	0.73	40.5	5.0	7	17.00	10.2	2.79	16.25
L829238		0.53	7.26	35.1	2340	1.40	0.30	2.47	0.20	47.6	5.8	10	13.90	59.2	3.04	16.60
L829240		11.20	6.62	1440	740	1.26	4.81	1.26	27.2	44.3	6.5	11	13.65	81.7	5.43	14.65
L829241		0.21	7.35	27.7	1450	1.55	0.10	3.73	0.16	45.5	6.3	10	19.10	6.0	2.53	18.35
L829246		34.1	6.55	383	1610	1.01	58.8	2.04	34.9	37.7	6.7	12	8.71	568	6.23	12.10
L829247		11.35	7.13	189.5	640	1.42	17.20	1.50	14.20	44.9	6.6	8	11.25	222	4.95	15.70
L829249		1.39	7.39	53.7	1470	1.30	1.27	1.80	3.41	51.5	7.3	9	11.40	40.6	3.32	16.50
K976213		0.23	6.14	14.9	430	2.73	0.30	0.97	0.30	13.75	0.4	3	23.3	1.8	0.56	18.20
G0561935		>100	1.41	1160	90	0.30	57.7	1.84	524	11.00	32.2	33	0.67	>10000	17.50	19.60
K976214		6.34	4.76	3110	530	2.22	2.96	2.11	194.0	24.6	4.2	5	21.8	150.5	3.24	12.55
K976216		1.66	7.39	41.9	1170	1.84	1.52	1.79	23.6	41.7	6.9	8	28.0	25.8	2.81	17.25
K976226		0.45	8.42	34.2	2390	1.50	0.23	1.16	3.11	50.9	5.5	12	13.65	5.6	3.20	19.30
K976227		88.2	5.14	1480	2200	1.06	126.0	2.82	579	29.3	4.2	15	7.60	816	6.18	13.40
K976228		0.86	7.49	32.4	2240	1.44	0.34	1.94	11.90	43.0	6.1	13	17.00	10.6	3.26	18.00
K976229		0.96	7.63	31.7	1550	1.53	0.26	2.48	8.28	43.5	4.7	12	20.4	6.3	2.88	17.05
K976230		14.65	5.89	975	1070	1.11	9.35	0.87	526	30.2	8.1	11	11.55	300	5.27	15.65
K976232		2.55	6.39	31.2	540	1.18	0.19	1.97	41.4	37.7	6.7	11	13.75	18.1	2.81	13.55
K976253		0.84	7.35	19.7	1580	1.26	0.60	1.89	11.50	42.1	5.0	17	14.45	14.7	4.63	14.75
G0561936		>100	7.66	46.9	1490	1.23	1.56	2.38	49.3	26.9	11.8	21	2.21	4490	3.85	20.5
K976254		14.75	6.36	494	2810	1.30	7.19	1.98	177.5	39.2	5.1	18	14.10	309	5.75	14.40
K976255		0.31	7.63	79.8	1380	1.86	0.16	2.32	1.43	65.2	7.2	28	18.60	12.5	3.03	19.45
K976256		7.92	6.27	5810	300	1.17	8.76	0.24	35.3	39.1	6.7	10	8.54	54.3	6.57	18.20
K976258		0.22	6.98	23.7	2130	1.56	0.18	2.66	0.96	43.1	7.1	13	12.75	3.6	2.71	17.75
K976259		79.7	5.72	1030	1430	1.12	136.0	1.42	399	34.2	9.0	13	8.48	1230	7.24	14.65
K976261		0.24	6.63	8.6	2160	1.32	0.19	2.49	1.08	45.2	6.5	13	8.41	3.5	2.72	15.50
K976316		0.75	5.76	40.9	1670	1.44	0.78	1.70	8.71	36.7	7.5	8	14.10	14.5	2.97	15.40
K976317		3.80	6.66	818	310	1.40	4.46	0.72	11.30	53.1	8.1	24	11.25	28.5	6.56	17.00
K976318		1.98	8.01	409	460	1.42	2.57	1.12	9.31	65.6	9.4	69	10.75	9.6	9.93	21.2
K976319		6.53	6.58	3130	940	1.31	5.74	1.96	15.55	42.5	6.1	13	10.35	57.8	6.59	15.20
K976321		0.50	7.58	51.6	1510	1.50	0.45	1.60	2.25	57.3	3.5	7	14.80	15.6	3.72	15.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
L829183		0.15	1.0	0.053	2.31	18.6	85.4	0.87	777	0.78	0.21	7.6	2.5	600	39.5	113.0
L829184		0.21	0.8	4.36	2.90	18.6	20.5	0.66	2120	1.65	0.03	6.4	2.7	520	413	202
L829186		0.15	1.0	0.075	2.48	32.6	63.0	0.65	708	0.76	0.63	7.4	2.6	600	10.7	129.5
L829220		0.18	4.8	0.072	2.34	37.2	151.0	0.95	687	6.24	0.27	12.6	6.9	1330	51.4	83.4
L829221		0.22	0.9	5.17	2.67	27.0	35.0	0.71	1430	1.46	0.69	7.4	2.0	530	359	138.5
K270063		0.06	<0.1	0.017	0.06	1.0	2.0	13.00	199	0.17	0.01	0.6	1.3	280	5.2	2.9
L829222		0.13	1.1	0.055	2.49	21.3	56.6	0.69	745	1.42	1.03	8.1	1.8	600	23.3	98.1
L829238		0.15	1.1	0.054	2.92	25.4	28.5	0.71	655	4.56	1.62	8.1	1.9	580	21.3	113.0
L829240		0.19	0.9	0.348	2.87	24.4	50.4	0.51	1220	12.50	0.37	6.6	2.0	510	2100	169.5
L829241		0.15	3.3	0.032	2.54	24.0	47.2	1.04	571	0.90	0.05	10.1	3.5	750	20.2	77.4
L829246		0.17	0.8	1.740	2.75	21.3	39.6	0.79	1760	1.80	0.06	5.5	1.4	460	397	135.0
L829247		0.19	0.9	0.392	3.18	24.9	44.2	0.65	1410	7.44	0.06	7.1	2.0	530	669	157.0
L829249		0.17	0.9	0.123	3.16	29.5	50.0	0.65	1260	7.74	0.13	7.3	1.7	560	140.5	140.0
K976213		0.09	2.7	0.025	2.08	6.5	67.7	0.19	555	1.14	0.03	19.4	1.4	30	38.9	144.0
G0561935		1.26	0.6	6.36	0.41	6.5	7.7	0.85	399	37.8	0.02	1.9	58.0	390	>10000	16.1
K976214		0.15	1.4	4.36	1.81	14.1	39.9	0.30	923	34.3	0.03	10.1	2.7	170	602	129.0
K976216		0.16	1.3	0.132	2.55	22.1	63.7	0.70	1130	1.45	0.04	8.3	2.5	560	655	126.5
K976226		0.19	1.2	0.080	3.46	28.4	35.3	0.74	678	1.54	0.09	9.0	2.3	650	121.5	161.5
K976227		0.21	0.7	24.9	2.39	16.4	11.2	0.74	3790	6.97	0.01	5.1	1.7	360	3860	134.0
K976228		0.17	1.0	0.233	3.91	23.1	28.2	0.73	1310	1.60	0.23	8.6	2.1	630	274	166.0
K976229		0.18	1.1	0.083	4.05	24.2	18.6	0.86	1520	1.73	0.06	7.8	1.9	590	431	184.0
K976230		0.18	0.9	6.46	2.57	16.3	9.1	0.59	2540	2.11	0.02	5.8	1.5	440	4560	154.0
K976232		0.14	0.9	0.233	2.77	21.9	29.3	0.80	1580	2.27	0.03	6.2	1.5	470	1660	157.0
K976253		0.18	1.1	0.242	3.64	23.6	22.5	0.77	1840	1.51	0.28	6.6	1.9	540	529	172.5
G0561936		0.17	0.5	11.70	2.21	14.2	10.6	0.69	596	38.0	2.51	6.7	9.6	810	9170	62.0
K976254		0.21	1.0	6.65	2.84	21.5	15.0	0.72	3740	2.66	0.03	6.3	2.0	440	2470	163.5
K976255		0.21	3.9	0.054	2.46	34.6	102.0	1.02	791	0.60	0.09	11.3	7.2	1420	52.4	84.5
K976256		0.23	0.9	0.572	2.96	21.6	7.8	0.29	846	4.63	0.03	6.2	1.8	480	932	189.5
K976258		0.19	1.1	0.062	3.19	23.4	18.4	0.77	771	2.85	1.31	8.3	2.1	560	35.1	147.0
K976259		0.27	0.8	10.95	2.62	19.1	19.3	0.54	1140	4.08	0.20	5.9	1.8	430	1160	153.0
K976261		0.12	1.0	0.050	2.97	23.4	13.7	0.70	669	3.38	1.51	7.5	2.3	540	131.5	119.0
K976316		0.15	1.1	0.222	2.26	16.4	216	0.55	1240	2.11	0.04	8.0	2.4	570	166.5	73.9
K976317		0.20	1.4	0.519	3.12	27.0	12.1	0.49	1620	3.50	0.03	6.5	4.4	720	242	214
K976318		0.26	2.1	0.665	3.76	30.8	6.3	0.89	5310	0.56	0.02	6.4	15.3	1290	141.0	207
K976319		0.18	1.0	0.297	3.01	22.5	38.5	0.81	2230	1.84	0.04	6.3	4.0	570	344	194.0
K976321		0.17	1.1	0.134	3.48	30.1	92.8	0.61	1540	0.95	0.11	8.0	1.8	550	53.4	171.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
L829183		<0.002	0.62	8.64	10.4	1	2.8	195.0	0.55	0.14	10.2	0.249	1.93	3.7	72	2.3
L829184		0.002	5.38	37.2	10.4	3	7.5	40.0	0.48	0.38	10.0	0.201	2.25	5.9	65	4.4
L829186		0.002	0.65	5.83	10.7	1	2.4	189.0	0.57	0.17	10.5	0.224	2.04	3.7	68	1.6
L829220		<0.002	0.16	16.50	6.5	1	1.7	497	0.76	0.07	9.0	0.365	1.27	3.8	69	2.2
L829221		<0.002	3.29	51.2	10.1	3	4.8	206	0.54	0.06	11.5	0.224	1.67	3.8	62	2.4
K270063		<0.002	0.02	1.07	0.4	1	<0.2	49.2	<0.05	<0.05	0.2	0.006	0.03	0.5	3	0.1
L829222		<0.002	0.17	7.29	9.6	1	1.9	275	0.63	<0.05	10.5	0.247	1.53	3.7	70	1.6
L829238		<0.002	0.15	9.43	10.0	1	1.8	308	0.61	<0.05	10.6	0.251	1.33	3.4	69	1.6
L829240		0.002	3.71	27.8	9.4	1	4.9	125.5	0.48	0.14	11.3	0.208	2.02	5.3	62	2.9
L829241		<0.002	0.08	15.15	7.1	1	1.4	583	0.70	<0.05	8.3	0.286	1.24	5.0	70	2.6
L829246		<0.002	4.48	35.4	7.8	2	3.9	124.0	0.44	0.89	11.3	0.191	1.59	4.0	58	2.5
L829247		0.002	2.58	21.2	9.6	1	5.3	100.5	0.50	0.17	11.8	0.220	2.14	2.8	64	3.6
L829249		0.002	0.62	10.30	9.8	1	3.9	125.5	0.53	0.18	12.1	0.233	1.90	2.9	67	3.6
K976213		<0.002	0.05	21.4	2.9	1	2.7	47.1	2.16	<0.05	18.9	0.031	1.29	6.4	4	1.1
G0561935		0.029	>10.0	269	3.2	240	105.5	40.5	0.08	0.74	1.0	0.041	32.0	3.6	60	1.6
K976214		0.004	3.06	65.7	4.6	3	3.3	77.1	0.83	<0.05	10.4	0.089	1.91	26.6	27	2.9
K976216		<0.002	0.37	16.40	9.9	1	1.8	119.0	0.63	<0.05	12.2	0.239	1.75	6.4	68	4.3
K976226		<0.002	0.31	11.40	11.6	1	1.9	90.2	0.67	<0.05	13.8	0.274	1.97	4.5	75	6.3
K976227		0.002	4.94	121.0	7.3	5	4.7	55.7	0.39	0.07	8.0	0.151	1.94	5.2	48	5.3
K976228		<0.002	0.28	8.51	10.8	1	2.1	120.5	0.63	<0.05	10.8	0.265	2.49	4.5	75	3.7
K976229		<0.002	0.33	8.18	10.2	1	1.8	103.5	0.58	0.08	10.9	0.252	2.98	4.6	73	3.5
K976230		0.002	3.77	28.9	7.6	4	3.1	34.4	0.45	<0.05	9.7	0.183	2.17	2.7	57	5.9
K976232		0.002	0.57	10.20	8.1	1	1.5	62.9	0.48	<0.05	10.8	0.199	2.21	3.4	59	3.4
K976253		<0.002	0.42	4.95	8.6	1	2.2	111.5	0.53	<0.05	11.0	0.217	2.26	4.1	64	3.0
G0561936		0.019	1.57	145.0	6.8	4	315	685	0.36	0.10	4.7	0.222	3.13	1.0	76	16.8
K976254		0.002	4.88	21.8	8.0	2	6.8	86.7	0.50	<0.05	11.4	0.188	2.57	4.6	54	6.4
K976255		<0.002	0.08	21.6	6.6	1	1.4	340	0.66	<0.05	8.3	0.360	1.37	3.5	66	1.9
K976256		<0.002	5.98	23.6	8.9	1	11.2	16.1	0.47	0.14	10.2	0.196	2.52	3.3	60	5.8
K976258		<0.002	0.24	3.57	10.2	1	1.9	255	0.60	<0.05	10.6	0.225	1.75	3.8	67	1.8
K976259		<0.002	7.05	63.9	8.4	5	4.2	84.8	0.41	1.23	9.7	0.172	2.00	3.8	59	3.8
K976261		<0.002	0.14	3.05	10.8	1	1.8	244	0.58	<0.05	11.6	0.231	1.42	3.9	67	1.7
K976316		<0.002	0.46	21.5	9.6	1	2.8	129.5	0.67	<0.05	10.9	0.237	1.93	3.3	63	5.1
K976317		<0.002	5.48	13.70	14.2	1	10.8	27.6	0.53	0.08	11.1	0.265	3.08	3.7	77	6.3
K976318		<0.002	6.19	12.25	26.9	1	14.8	34.7	0.38	0.05	6.9	0.436	3.83	4.2	170	8.4
K976319		<0.002	5.22	25.0	10.9	1	10.3	83.6	0.50	0.09	11.7	0.223	2.71	3.9	63	6.2
K976321		<0.002	0.58	12.05	10.8	1	3.6	132.5	0.65	<0.05	14.9	0.248	2.45	5.2	61	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
L829183		13.5	102	25.7				
L829184		11.7	>10000	21.1				1.050
L829186		13.0	54	25.2				
L829220		11.4	186	180.5				
L829221		13.7	>10000	22.7				1.330
K270063		1.1	49	1.5				
L829222		12.8	94	25.6				
L829238		13.7	59	26.2				
L829240		11.4	2160	22.3				
L829241		12.6	69	118.5				
L829246		10.9	3390	18.4				
L829247		11.2	1260	24.6				
L829249		12.0	353	23.5				
K976213		9.2	58	45.3				
G0561935		7.1	>10000	17.3	169	1.280	1.515	9.58
K976214		21.7	>10000	32.8				1.330
K976216		14.3	1750	30.7				
K976226		14.3	293	31.3				
K976227		7.7	>10000	18.2				3.69
K976228		12.9	916	26.1				
K976229		12.3	684	26.5				
K976230		6.5	>10000	20.5				3.35
K976232		9.1	3140	21.7				
K976253		11.0	1140	26.9				
G0561936		9.5	6960	13.2	110			
K976254		9.4	>10000	24.0				1.245
K976255		10.7	187	157.0				
K976256		7.2	2560	22.1				
K976258		14.0	109	29.6				
K976259		10.2	>10000	19.1				2.59
K976261		14.4	112	26.3				
K976316		12.7	631	30.3				
K976317		12.7	820	39.7				
K976318		12.7	759	78.9				
K976319		10.8	1060	29.1				
K976321		14.3	195	29.1				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026787

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026788

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

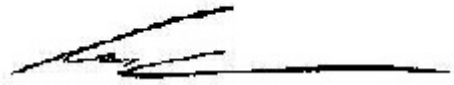
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K976322		3.52	7.01	226	940	1.39	3.72	2.04	1.59	48.3	3.5	7	12.20	94.5	3.98	15.25
K976323		15.65	6.65	496	1070	1.25	14.20	1.98	9.91	45.5	4.6	7	13.45	477	5.94	15.05
K976324		0.27	7.10	21.8	1910	1.53	0.25	2.61	0.91	48.9	3.2	8	14.00	6.4	3.57	16.30
K976336		0.42	7.32	25.8	1240	1.53	0.20	2.85	1.67	54.1	4.8	7	22.8	23.7	2.77	15.50
K976337		81.3	6.13	1235	570	1.19	264	0.77	20.1	44.2	7.2	6	10.60	1555	10.15	13.65
K976339		0.69	7.54	158.0	1060	1.62	0.71	2.19	1.65	58.5	4.6	7	20.1	64.5	4.54	16.25
K976340		6.49	6.60	176.0	1030	1.12	9.18	0.61	11.25	49.0	3.9	10	8.35	65.7	6.15	16.05
K976341		3.36	6.83	801	900	1.45	2.94	0.90	8.32	49.8	4.6	8	10.35	95.4	6.34	16.15
K976342		4.19	6.75	148.0	1480	1.63	8.30	2.71	1.97	49.8	5.7	8	13.20	188.5	3.40	15.45
G0561937		98.1	7.38	54.9	1540	1.27	1.46	2.36	56.6	33.6	13.1	19	2.45	4470	3.85	21.6
K976357		1.77	7.23	144.0	1070	1.64	1.84	1.67	12.40	55.0	10.3	8	20.3	64.1	4.61	15.80
K976358		26.0	4.76	773	470	0.94	34.5	2.04	23.5	29.6	4.9	9	8.68	654	5.14	11.70
K976359		0.67	6.90	119.5	2090	1.77	0.38	3.18	0.78	56.6	6.0	12	17.65	17.6	2.35	18.30
K976366		0.53	7.04	46.6	1570	1.62	0.80	3.05	1.77	50.5	8.1	7	20.8	24.3	2.86	15.90
K976367		10.95	6.52	364	700	1.28	28.0	1.45	28.9	55.3	8.8	9	13.15	111.0	7.43	13.85
K976369		4.08	7.33	190.0	890	1.57	10.40	1.31	3.96	56.4	5.9	8	16.35	104.5	4.91	15.40
K976377		0.96	7.52	122.0	1110	1.49	0.66	2.23	1.42	54.6	7.3	7	18.70	21.0	3.29	16.50
K976378		6.72	6.09	2360	1440	1.21	7.89	1.89	3.79	42.4	17.8	7	16.55	88.3	7.24	13.20
K976380		0.15	7.47	24.4	1130	1.76	0.17	3.39	0.14	54.1	6.8	8	23.0	8.3	2.52	17.40
K972817		29.8	7.77	255	2200	1.47	43.5	2.42	38.5	56.5	7.2	5	23.9	127.5	4.87	16.05
K972818		20.7	5.59	889	350	1.41	16.40	2.62	172.5	37.9	5.0	8	10.30	483	6.45	12.70
K972820		0.28	5.90	16.6	70	2.79	0.35	0.25	6.95	16.70	0.3	2	22.7	6.7	0.56	17.05
G0561938		>100	1.39	1045	260	0.24	53.0	1.80	516	12.90	26.3	28	0.70	>10000	17.60	16.50
K972821		0.27	6.16	19.4	70	2.82	0.48	0.28	5.91	16.40	0.4	5	21.2	7.1	0.87	19.10
K972822		0.79	5.12	53.8	280	2.19	0.42	0.13	12.10	16.35	0.6	3	18.30	11.9	0.75	13.05
K972823		12.95	4.14	>10000	320	0.96	8.77	0.14	483	25.8	7.7	37	10.40	254	13.10	12.15
K972825		4.19	7.10	2620	1010	1.36	2.74	1.79	121.0	47.6	5.3	7	14.05	73.5	5.18	14.60
K972826		0.34	7.75	52.9	1970	1.58	0.29	1.70	2.10	44.3	4.3	11	12.90	6.8	4.29	15.50
K972847		0.30	7.03	16.0	2030	1.39	0.11	2.65	2.06	42.0	6.8	10	14.70	8.5	2.93	14.75
K972848		28.4	6.76	1395	2310	1.36	17.40	2.10	62.5	51.8	7.5	9	16.80	191.0	5.55	14.15
K272404		0.02	0.09	<5	20	0.08	0.03	20.9	0.11	1.72	1.3	<1	0.21	1.4	0.42	0.32
K972849		0.95	7.11	43.8	1500	1.87	0.26	2.13	8.03	48.6	6.4	11	22.7	19.9	3.14	18.10
K972850		7.52	6.59	446	1320	1.55	7.43	1.67	97.0	47.6	4.9	8	15.15	119.0	5.79	16.00
K976001		14.75	6.70	693	1180	1.58	25.5	1.91	43.0	47.1	6.5	9	14.10	127.0	5.55	15.90
K976002		63.9	2.78	>10000	720	0.78	83.3	2.08	123.5	15.45	4.8	6	7.41	1180	13.20	7.97
K976004		3.37	7.22	249	1050	1.59	4.02	2.34	23.3	54.8	5.7	8	16.00	42.7	5.03	17.55

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K976322		0.15	0.9	0.180	3.25	24.1	57.9	0.68	1460	0.79	0.07	7.1	2.3	520	97.9	169.5
K976323		0.20	0.9	0.444	2.92	23.4	48.1	0.72	2370	1.63	0.05	6.9	2.0	480	346	152.5
K976324		0.17	1.0	0.066	3.23	23.4	92.2	0.84	842	1.77	0.07	8.6	2.0	580	30.7	134.5
K976336		0.16	1.2	0.058	3.07	26.4	68.7	0.88	1100	2.43	0.04	8.1	2.3	570	78.9	140.0
K976337		0.25	0.9	1.260	2.69	22.7	20.5	0.49	6020	1.42	0.02	6.0	1.9	430	817	158.5
K976339		0.16	1.1	0.204	2.80	30.5	221	0.92	2450	2.82	0.03	7.9	2.6	570	31.7	164.5
K976340		0.20	0.8	0.637	2.98	25.0	8.5	0.49	5600	2.47	0.07	6.4	2.3	480	264	179.0
K976341		0.22	1.0	0.480	3.15	25.1	10.8	0.59	3220	0.96	0.02	7.2	2.6	500	134.5	208
K976342		0.17	1.1	0.215	3.21	23.8	56.4	0.71	1200	0.62	0.42	8.0	2.2	530	80.5	145.0
G0561937		0.18	0.6	12.75	2.19	16.9	11.6	0.68	579	43.3	2.50	7.3	11.8	780	9240	69.3
K976357		0.19	1.1	0.453	2.87	29.4	129.0	0.75	1620	1.32	0.18	7.5	2.4	530	155.5	161.0
K976358		0.17	0.7	1.010	2.05	14.3	30.6	0.82	2580	9.12	0.02	4.5	2.1	320	210	125.5
K976359		0.15	3.1	0.034	2.50	27.7	178.5	0.78	714	3.17	0.04	10.7	5.4	940	45.8	75.8
K976366		0.16	1.2	0.087	3.23	24.6	71.5	0.80	932	5.86	0.40	8.5	2.8	590	33.6	131.5
K976367		0.22	0.9	0.771	3.01	28.6	13.2	0.63	1550	1.32	0.04	6.9	2.1	480	195.5	168.5
K976369		0.19	1.0	0.434	3.48	30.7	32.6	0.70	1940	1.26	0.09	7.5	2.1	540	88.4	187.0
K976377		0.17	1.1	0.136	3.16	28.0	17.9	0.80	2470	1.05	0.03	8.5	2.6	570	62.6	169.5
K976378		0.21	1.2	0.160	2.32	20.9	36.7	0.69	1700	1.56	0.02	6.7	2.8	400	219	120.0
K976380		0.15	3.6	0.029	3.03	26.8	65.3	1.00	642	2.04	0.06	10.5	4.4	770	14.9	101.0
K972817		0.20	1.4	3.22	3.50	29.7	24.2	0.79	2180	1.87	0.22	7.7	2.2	770	1265	186.0
K972818		0.19	1.1	7.76	2.43	19.5	13.9	1.04	3780	4.31	0.02	6.7	2.5	460	1200	154.0
K972820		0.07	2.8	0.070	1.91	7.6	65.7	0.12	437	2.18	0.03	18.8	0.3	30	47.0	147.0
G0561938		1.04	0.6	6.48	0.41	7.1	7.6	0.85	391	39.5	0.02	1.8	53.5	380	>10000	16.1
K972821		0.07	2.9	0.077	1.92	7.7	73.8	0.13	562	1.42	0.03	19.5	0.9	40	40.3	154.5
K972822		0.06	2.1	0.097	1.46	7.9	76.0	0.09	429	3.94	0.03	14.1	0.5	50	103.0	112.5
K972823		0.29	1.1	5.68	1.77	12.5	14.2	0.20	271	9.52	0.01	3.5	4.0	330	1135	138.5
K972825		0.16	0.9	1.735	3.12	26.9	26.5	0.80	2260	2.60	0.04	7.1	3.1	520	958	198.5
K972826		0.17	1.0	0.080	2.54	23.8	21.4	0.78	688	4.27	0.35	7.9	5.1	590	87.5	107.0
K972847		0.14	1.2	0.046	2.68	19.3	13.1	0.75	820	1.32	2.00	7.8	2.2	560	74.4	91.8
K972848		0.19	1.0	1.505	3.02	27.3	18.5	0.91	1960	1.57	0.09	6.3	2.4	500	8700	164.0
K272404		0.08	<0.1	0.005	0.04	0.8	1.4	12.50	190	0.34	0.01	0.5	1.3	310	6.2	1.7
K972849		0.18	1.9	0.101	2.87	24.1	69.8	0.72	976	1.27	0.08	8.9	3.4	730	357	118.0
K972850		0.22	0.9	2.08	2.78	26.3	16.2	0.93	3080	1.39	0.02	6.7	2.0	470	2110	170.5
K976001		0.23	0.9	0.987	2.99	26.8	11.6	0.82	2820	1.93	0.02	6.9	2.1	480	1310	190.0
K976002		0.33	0.5	4.42	1.18	8.0	16.4	0.73	1580	8.19	0.01	3.2	1.4	200	1910	81.1
K976004		0.19	1.0	0.935	3.04	30.8	26.2	0.89	1430	2.57	0.10	8.1	2.7	550	424	177.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K976322		<0.002	1.94	24.6	10.3	1	5.0	127.5	0.57	<0.05	12.4	0.221	2.60	3.6	59	3.9
K976323		<0.002	3.86	57.4	9.8	1	7.6	95.8	0.54	0.05	11.9	0.206	2.41	4.4	54	4.9
K976324		0.002	0.17	12.45	11.0	1	3.2	173.5	0.67	<0.05	13.1	0.248	2.64	3.8	63	3.1
K976336		<0.002	0.32	7.45	9.9	1	2.0	132.0	0.69	<0.05	13.8	0.245	2.54	4.9	66	2.4
K976337		<0.002	8.14	72.7	8.7	2	7.8	44.0	0.50	0.69	12.1	0.189	2.87	4.0	51	7.2
K976339		<0.002	0.64	28.7	11.0	1	2.8	205	0.65	<0.05	15.4	0.234	2.89	5.2	63	6.8
K976340		<0.002	2.11	23.2	10.0	1	5.7	36.2	0.54	0.05	12.8	0.192	2.89	3.7	55	4.1
K976341		<0.002	3.36	21.7	10.4	1	6.4	38.2	0.59	0.05	13.9	0.213	3.32	4.6	57	6.8
K976342		<0.002	1.06	15.50	10.6	1	2.6	163.5	0.67	<0.05	13.8	0.229	2.59	4.3	60	2.6
G0561937		0.022	1.57	150.5	7.7	4	333	660	0.42	0.11	5.7	0.222	3.73	1.2	70	19.2
K976357		<0.002	1.50	14.90	10.8	1	4.9	131.5	0.61	0.07	15.1	0.224	2.44	4.8	63	5.1
K976358		<0.002	4.60	265	6.6	1	5.8	65.6	0.39	0.18	9.0	0.129	1.89	4.4	39	4.9
K976359		<0.002	0.18	20.7	5.1	1	2.0	297	0.74	0.05	9.2	0.283	1.41	4.0	46	1.8
K976366		<0.002	0.44	8.27	10.5	1	2.4	213	0.70	0.05	12.9	0.244	2.42	4.1	64	1.7
K976367		<0.002	5.95	14.55	9.8	2	3.7	65.8	0.57	0.35	13.0	0.207	2.76	4.5	57	3.7
K976369		<0.002	1.94	10.95	10.9	1	4.6	89.9	0.61	0.06	14.7	0.230	2.95	4.7	61	5.4
K976377		<0.002	1.64	13.00	11.1	1	2.9	129.5	0.74	0.06	14.4	0.244	3.21	5.1	64	5.0
K976378		<0.002	6.37	26.4	8.3	2	1.7	112.5	0.57	0.75	10.9	0.191	2.15	4.5	49	3.8
K976380		<0.002	0.15	12.50	8.1	1	1.6	403	0.79	<0.05	10.2	0.299	2.02	5.4	68	3.7
K972817		<0.002	1.32	26.6	12.5	2	3.0	125.5	0.56	<0.05	13.3	0.297	2.92	4.6	86	6.4
K972818		<0.002	5.31	67.0	8.4	2	5.2	71.6	0.49	<0.05	10.1	0.191	2.67	4.3	54	8.2
K972820		<0.002	0.01	21.5	2.9	1	3.3	36.9	2.39	<0.05	20.1	0.030	1.45	4.7	3	1.2
G0561938		0.033	>10.0	271	2.8	219	108.5	40.8	0.10	0.77	1.1	0.042	33.1	3.8	56	1.8
K972821		<0.002	0.02	15.10	3.1	1	2.8	36.5	2.44	<0.05	19.3	0.032	1.52	5.0	3	1.3
K972822		<0.002	0.10	49.4	2.7	1	2.4	38.4	1.78	<0.05	16.8	0.038	1.22	4.7	7	2.2
K972823		<0.002	>10.0	81.3	10.0	3	10.2	16.7	0.22	0.35	4.5	0.174	2.05	5.3	70	7.9
K972825		<0.002	2.37	19.80	10.2	2	3.4	64.3	0.56	0.07	12.9	0.231	2.90	6.7	62	4.1
K972826		<0.002	0.12	11.45	11.2	1	2.8	85.6	0.64	<0.05	13.4	0.258	1.56	6.9	72	2.7
K972847		<0.002	0.08	2.17	9.6	1	1.7	321	0.66	<0.05	12.2	0.250	1.26	3.8	65	2.7
K972848		<0.002	2.32	31.8	8.8	1	3.7	105.0	0.52	0.20	12.4	0.203	2.69	4.3	59	5.3
K272404		<0.002	0.02	0.11	0.4	1	<0.2	70.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	3	0.1
K972849		0.002	0.27	10.70	9.8	1	1.9	193.5	0.66	<0.05	11.2	0.264	2.26	4.1	62	2.7
K972850		<0.002	2.01	19.80	9.4	1	3.9	52.5	0.50	0.06	11.8	0.196	2.92	3.8	53	8.4
K976001		<0.002	3.55	19.00	9.6	1	3.1	50.5	0.51	0.53	11.8	0.202	3.37	4.6	55	5.6
K976002		<0.002	>10.0	149.0	3.9	2	6.5	72.0	0.21	0.94	4.2	0.086	1.35	2.9	24	3.3
K976004		0.002	3.07	10.30	12.0	1	4.0	91.1	0.57	<0.05	12.4	0.235	2.80	4.5	65	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K976322		13.0	158	24.6				
K976323		12.1	755	22.5				
K976324		15.0	117	26.1				
K976336		16.8	146	30.0				
K976337		9.2	1840	22.6				
K976339		15.6	171	27.5				
K976340		8.5	924	22.1				
K976341		10.3	657	26.9				
K976342		14.6	163	28.0				
G0561937		11.8	7180	16.8				
K976357		13.7	1260	27.0				
K976358		7.7	1660	20.8				
K976359		9.2	170	117.0				
K976366		14.3	157	33.8				
K976367		12.1	2030	24.2				
K976369		12.7	363	26.7				
K976377		16.1	145	28.9				
K976378		13.4	292	34.8				
K976380		14.7	58	132.0				
K972817		17.3	2370	42.7				
K972818		9.2	>10000	29.6				1.035
K972820		10.1	460	47.9				
G0561938		7.4	>10000	18.0	160	1.275	1.555	9.37
K972821		13.1	451	52.9				
K972822		9.1	1010	37.8				
K972823		7.2	>10000	38.1				2.52
K972825		12.5	7670	24.6				
K972826		16.0	365	27.2				
K972847		15.0	166	31.4				
K972848		11.9	4640	27.6				
K272404		1.3	16	<0.5				
K972849		13.0	572	62.5				
K972850		9.9	6550	24.1				
K976001		11.4	3190	25.5				
K976002		5.8	9070	18.5				
K976004		13.2	1860	26.3				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026788

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026789

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K976021		0.13	7.25	7.5	2220	1.66	0.13	2.33	0.16	46.4	6.9	10	11.60	6.9	2.69	17.55
K976022		16.10	5.64	1940	1630	1.42	9.38	1.92	161.0	38.1	5.3	6	15.45	1080	7.49	13.45
K976023		0.28	7.25	9.1	2180	1.60	0.21	2.45	1.39	45.9	5.8	12	11.60	6.5	2.89	17.35
K272441		0.04	0.12	<5	30	0.11	0.04	20.9	0.36	1.71	1.2	<1	0.30	3.7	0.39	0.42
K976043		0.16	7.15	16.1	1690	1.62	0.19	1.92	0.28	42.3	5.6	8	16.85	7.0	2.64	17.10
K976044		7.50	6.84	689	910	1.53	8.51	1.26	187.0	66.0	4.1	7	11.70	158.0	4.59	16.70
K976045		0.13	7.38	7.8	2020	1.83	0.14	2.70	0.34	46.9	6.7	10	19.35	5.9	2.86	18.00
K976046		0.17	7.29	14.0	2040	1.71	0.18	2.78	0.75	45.4	6.4	10	17.45	7.3	2.92	17.70
K976048		0.57	7.23	326	1810	1.57	0.43	1.99	6.59	43.0	4.5	10	15.60	13.3	2.97	16.40
K976049		13.00	6.72	2010	850	1.55	7.63	0.69	64.7	44.5	5.4	10	11.35	129.5	6.39	16.45
K976050		4.19	7.34	199.5	1030	1.61	4.55	1.62	19.00	46.5	6.1	7	15.85	226	4.20	16.15
K976052		1.10	7.04	162.0	1800	1.64	1.18	2.63	8.14	42.2	5.3	8	17.30	29.8	3.45	17.50
K976053		5.37	6.90	9240	1110	1.50	4.08	1.37	59.3	58.1	3.0	7	10.90	125.5	4.58	16.60
G0561939		95.3	7.35	54.5	1540	1.42	1.88	2.33	51.1	30.8	13.2	20	2.43	4400	3.79	22.6
K976054		1.65	7.60	89.2	2500	1.51	0.76	2.22	23.1	70.8	2.0	8	10.10	24.0	3.47	17.30
K976055		6.70	6.96	1335	880	1.47	1.53	1.61	70.0	28.2	3.9	8	8.10	67.8	3.76	16.45
K976056		63.0	7.00	394	920	1.47	144.0	1.94	25.7	73.6	4.1	9	12.30	864	5.82	16.40
K976058		4.55	6.80	1190	940	1.55	5.48	1.00	17.25	45.8	3.8	10	14.40	101.0	5.63	17.40
K976059		1.63	7.03	340	1210	1.52	2.23	1.63	18.05	45.6	3.3	8	11.45	27.8	4.58	16.40
K976060		2.74	5.09	882	670	1.27	2.35	2.10	36.2	44.2	5.0	8	12.30	42.0	3.67	12.15
K976061		10.75	4.34	386	1050	1.19	17.65	3.68	17.45	28.2	3.4	6	11.05	143.5	3.85	10.10
K976062		1.14	7.13	162.5	1400	1.49	1.28	1.75	5.92	58.8	4.7	8	15.50	16.0	4.33	16.80
K976063		15.60	6.07	2840	1290	1.33	26.1	2.29	26.0	43.6	5.1	6	13.35	191.5	4.57	15.10
G0561940		>100	1.33	1025	270	0.29	56.4	1.71	486	12.35	27.4	29	0.71	>10000	16.70	18.05
K976064		0.67	7.45	125.0	710	1.35	0.61	1.80	2.03	57.9	4.5	11	16.85	11.0	3.89	16.55
K976065		4.43	6.48	603	1050	1.44	5.74	1.32	50.1	52.2	3.6	7	11.70	65.4	4.93	15.65
K976066		3.25	7.08	284	1220	1.47	4.83	2.27	24.8	51.0	4.1	8	16.20	51.7	3.19	15.95
K976068		0.46	7.19	120.0	1630	1.66	0.41	2.25	2.03	45.0	6.0	8	13.75	7.0	3.79	16.30
K976069		6.34	6.41	346	860	1.31	7.84	1.06	24.1	40.2	3.8	8	9.96	71.1	6.16	15.90
K976070		1.06	7.06	147.0	1850	1.54	0.67	2.51	4.80	43.8	5.9	7	15.10	16.1	3.23	16.25
K976071		35.7	7.71	221	1530	1.75	5.92	1.86	29.8	56.3	5.0	8	14.65	141.0	3.89	16.75
K976072		20.7	7.65	102.0	1330	1.54	29.6	2.75	9.51	42.4	4.4	7	14.80	22.8	3.27	15.40
K976091		0.67	6.90	390	1750	1.27	0.56	3.08	2.32	37.5	9.4	7	9.57	44.2	2.50	15.65
K976092		37.5	6.26	1210	2320	1.30	5.02	2.53	51.7	41.9	10.1	8	11.65	327	5.54	14.20
K976093		1.04	7.81	188.5	1480	1.55	0.74	2.17	1.45	36.4	10.4	9	11.15	22.0	2.91	16.50
K976106		0.26	8.26	27.1	1310	2.00	0.17	1.87	0.44	72.6	6.6	15	19.35	6.5	2.55	19.55

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K976021		0.17	1.1	0.049	2.71	23.3	16.0	0.75	515	1.66	2.31	8.5	2.1	540	19.3	103.5
K976022		0.26	0.8	10.35	2.50	20.6	13.3	0.59	2470	1.64	0.07	5.8	1.8	390	829	153.0
K976023		0.17	1.1	0.081	2.73	22.9	13.4	0.69	520	1.94	2.13	8.8	2.3	560	28.8	103.0
K272441		0.10	<0.1	0.028	0.05	0.8	1.5	12.60	183	0.14	0.01	0.6	1.8	230	3.2	2.7
K976043		0.18	1.3	0.057	2.23	20.3	161.5	0.58	751	1.28	0.22	8.7	1.9	570	17.1	90.5
K976044		0.23	1.0	3.49	3.00	37.7	16.5	0.60	1600	0.86	0.22	7.0	1.7	480	844	208
K976045		0.18	1.5	0.045	2.64	22.7	36.7	0.67	513	1.25	2.08	9.7	2.4	610	18.9	100.5
K976046		0.21	1.2	0.061	2.69	21.5	16.6	0.65	578	1.29	1.89	9.1	2.4	580	23.1	108.5
K976048		0.18	1.1	0.132	2.98	21.0	136.5	0.68	765	1.80	0.07	8.2	2.0	560	138.0	133.5
K976049		0.22	1.0	1.705	2.97	23.3	12.8	0.52	2050	1.56	0.03	7.4	2.1	490	457	189.5
K976050		0.19	1.1	0.710	2.46	24.2	106.0	0.65	2380	1.48	0.03	8.1	2.0	530	255	135.5
K976052		0.19	1.0	0.226	3.07	20.5	40.2	0.71	1300	1.00	0.82	8.8	2.2	610	148.5	126.5
K976053		0.22	0.9	1.065	3.12	32.1	7.9	0.65	1940	0.60	0.03	6.7	1.7	480	882	193.5
G0561939		0.20	0.6	12.35	2.17	15.3	10.9	0.67	574	41.5	2.48	7.5	11.5	780	9050	65.8
K976054		0.21	1.0	0.313	3.33	41.5	20.0	0.98	1620	0.74	0.19	7.1	1.7	560	761	197.0
K976055		0.18	0.9	0.583	3.13	13.2	8.9	0.74	1540	0.88	0.10	6.5	2.0	500	2860	207
K976056		0.25	0.9	0.901	3.05	44.3	14.9	0.87	1740	0.65	0.05	7.0	1.8	540	1730	176.5
K976058		0.21	1.0	0.425	2.96	24.8	15.7	0.66	2010	1.66	0.04	7.3	2.5	500	328	187.5
K976059		0.20	1.0	0.518	3.19	24.5	18.7	0.86	1990	2.30	0.03	7.2	1.7	500	216	202
K976060		0.17	0.7	0.591	2.04	26.1	64.8	0.85	1500	29.6	0.02	5.0	2.1	350	649	135.0
K976061		0.17	0.6	0.410	1.75	14.9	40.0	1.35	2420	11.40	0.01	4.6	1.9	270	240	107.5
K976062		0.21	1.0	0.215	2.63	32.8	61.5	0.84	1820	3.19	0.02	7.9	2.5	530	79.3	155.5
K976063		0.20	0.9	0.825	2.56	23.6	14.8	0.79	2990	4.31	0.01	6.7	2.4	430	470	153.0
G0561940		1.14	0.6	6.60	0.40	6.9	7.0	0.81	372	38.4	0.01	1.9	52.6	370	>10000	15.9
K976064		0.14	1.1	0.148	2.95	33.4	46.3	0.83	2400	1.69	0.04	7.3	2.7	550	57.4	166.5
K976065		0.19	0.9	0.947	2.68	29.7	53.0	0.71	2200	2.95	0.03	7.0	2.5	470	149.5	159.5
K976066		0.17	1.0	0.519	2.88	27.3	38.4	0.76	1180	1.36	0.04	7.4	1.9	530	202	138.0
K976068		0.18	1.1	0.128	2.91	21.9	36.5	0.76	1410	1.44	0.21	8.1	2.5	560	53.9	111.5
K976069		0.21	0.9	1.105	2.94	19.8	7.9	0.67	5140	1.22	0.02	6.5	2.5	450	136.5	164.0
K976070		0.17	1.0	0.152	2.79	21.1	32.0	0.69	704	0.90	0.19	8.6	2.1	540	33.9	94.5
K976071		0.17	1.0	0.778	2.70	33.2	108.0	0.74	2110	0.90	0.04	7.7	2.7	550	389	156.0
K976072		0.16	0.9	0.328	2.57	21.6	96.0	0.80	2030	0.85	0.06	7.3	2.5	550	912	124.5
K976091		0.17	1.0	0.103	2.36	19.3	41.7	0.59	914	0.89	0.08	8.3	2.3	560	82.7	77.8
K976092		0.19	0.8	0.848	2.65	21.6	15.8	0.82	5290	1.44	0.03	6.8	2.5	480	2900	152.0
K976093		0.17	1.2	0.112	3.30	18.4	51.8	0.70	1310	0.97	0.09	8.3	2.7	580	62.3	133.5
K976106		0.18	4.2	0.031	2.73	39.9	282	0.85	576	2.44	0.04	11.5	5.8	1150	26.0	106.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K976021		<0.002	0.03	2.01	10.2	1	1.7	371	0.61	<0.05	13.0	0.240	1.07	3.5	61	0.9
K976022		<0.002	6.82	71.7	7.9	2	7.5	70.4	0.41	0.11	10.1	0.167	2.49	4.2	45	4.0
K976023		<0.002	0.05	2.89	10.4	1	1.9	315	0.63	<0.05	11.5	0.247	1.10	3.4	64	1.2
K272441		<0.002	0.01	0.31	0.3	1	<0.2	49.4	<0.05	<0.05	0.2	0.005	0.02	0.9	2	0.1
K976043		<0.002	0.16	21.6	10.1	1	1.7	184.0	0.71	<0.05	11.7	0.238	1.48	3.3	61	4.5
K976044		<0.002	2.74	17.80	9.6	2	4.0	59.6	0.56	0.32	12.6	0.195	3.06	4.6	53	3.7
K976045		<0.002	0.03	2.17	11.0	1	1.9	346	0.78	<0.05	11.9	0.260	1.17	4.3	68	2.2
K976046		<0.002	0.05	3.68	11.2	1	2.0	326	0.68	<0.05	12.0	0.259	1.38	3.7	69	1.7
K976048		<0.002	0.42	17.55	10.0	1	2.0	141.5	0.64	<0.05	11.8	0.239	2.20	3.7	63	3.2
K976049		<0.002	4.28	26.7	9.8	1	5.0	32.6	0.55	0.09	12.1	0.215	3.09	4.5	57	7.7
K976050		<0.002	1.52	28.1	10.1	1	2.8	117.0	0.61	<0.05	13.2	0.230	2.49	4.4	62	4.8
K976052		<0.002	0.47	9.69	10.8	1	3.1	206	0.61	<0.05	10.5	0.262	2.32	3.8	71	3.0
K976053		<0.002	2.35	26.0	9.8	1	7.5	39.0	0.51	0.05	12.7	0.191	3.28	4.5	53	5.0
G0561939		0.019	1.55	143.5	7.3	4	319	653	0.41	0.12	5.1	0.220	3.73	1.1	72	19.6
K976054		<0.002	0.79	9.77	10.4	1	4.9	98.6	0.54	<0.05	13.7	0.211	3.30	5.1	58	3.6
K976055		<0.002	2.35	22.8	9.6	1	8.4	72.2	0.51	0.15	12.1	0.203	3.11	4.0	62	3.4
K976056		<0.002	3.52	50.6	10.0	2	5.9	58.5	0.49	0.21	12.1	0.202	3.23	4.6	57	4.4
K976058		<0.002	2.82	23.9	9.9	1	9.7	39.6	0.58	0.05	12.5	0.205	3.12	3.7	57	5.2
K976059		<0.002	1.13	14.35	8.9	1	4.5	50.7	0.60	<0.05	13.6	0.203	3.58	3.8	55	4.3
K976060		<0.002	2.20	47.2	7.4	1	3.9	143.0	0.38	0.08	9.6	0.144	2.35	7.1	44	3.8
K976061		<0.002	1.70	53.2	6.3	1	1.8	83.8	0.33	0.05	7.8	0.128	2.12	5.0	35	4.5
K976062		<0.002	0.89	14.05	10.7	1	2.9	102.5	0.56	<0.05	13.3	0.228	2.79	5.0	63	6.2
K976063		<0.002	2.59	71.2	8.7	1	5.9	71.2	0.49	0.06	10.8	0.188	2.77	4.8	51	4.3
G0561940		0.031	>10.0	257	2.8	210	104.5	39.8	0.09	0.78	1.0	0.040	33.0	3.6	53	1.8
K976064		<0.002	0.67	11.75	10.5	1	3.2	115.5	0.62	<0.05	12.3	0.233	3.13	5.7	65	5.5
K976065		0.002	1.55	13.15	9.2	1	4.8	104.0	0.50	<0.05	11.9	0.198	2.74	5.9	53	5.2
K976066		<0.002	0.96	12.40	9.3	1	3.8	90.3	0.54	<0.05	11.8	0.219	2.54	4.3	57	3.1
K976068		<0.002	0.34	7.88	9.6	1	2.4	124.5	0.60	<0.05	11.6	0.240	2.12	5.0	64	4.4
K976069		<0.002	1.74	18.35	8.6	1	5.3	26.0	0.51	<0.05	11.8	0.189	3.00	4.4	50	5.7
K976070		<0.002	0.28	8.68	9.4	1	1.9	140.5	0.65	<0.05	11.5	0.242	1.66	3.6	62	3.8
K976071		<0.002	1.65	48.4	10.7	1	6.2	114.5	0.60	<0.05	14.2	0.232	2.55	6.1	65	3.9
K976072		<0.002	0.73	16.80	9.6	1	3.2	106.0	0.57	0.05	11.1	0.226	2.54	4.1	65	3.7
K976091		<0.002	0.57	21.0	9.6	1	1.8	133.0	0.65	0.07	10.8	0.241	1.57	2.9	57	4.1
K976092		<0.002	4.00	97.2	9.9	1	12.2	95.3	0.51	0.09	11.8	0.203	3.30	4.6	60	6.9
K976093		<0.002	0.67	11.65	10.3	1	2.0	112.0	0.73	0.29	11.9	0.240	2.49	4.2	68	3.5
K976106		<0.002	0.08	21.1	6.0	1	1.7	551	0.74	<0.05	11.2	0.321	1.50	4.3	52	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K976021		16.4	40	31.8				
K976022		11.6	>10000	22.5				1.185
K976023		15.7	121	32.5				
K272441		1.1	38	0.5				
K976043		14.6	71	34.4				
K976044		10.2	>10000	26.1				1.200
K976045		17.4	59	39.1				
K976046		17.1	85	32.8				
K976048		13.1	497	28.2				
K976049		10.8	4430	27.3				
K976050		14.1	1360	30.3				
K976052		15.3	595	29.2				
K976053		10.6	3980	25.2				
G0561939		11.4	7180	16.1				
K976054		12.4	1730	27.9				
K976055		9.5	5070	25.9				
K976056		13.3	1920	24.7				
K976058		10.1	1380	27.6				
K976059		9.9	1330	27.3				
K976060		9.4	2760	20.1				
K976061		9.0	1300	17.0				
K976062		13.6	479	26.9				
K976063		11.3	1860	23.9				
G0561940		7.2	>10000	17.8	154	1.265	1.490	9.28
K976064		13.5	197	30.1				
K976065		11.4	3470	24.6				
K976066		12.5	1720	27.5				
K976068		13.5	187	30.2				
K976069		8.2	1850	23.0				
K976070		14.4	361	29.2				
K976071		13.8	2270	27.4				
K976072		12.1	793	26.6				
K976091		12.4	185	29.1				
K976092		11.9	5200	23.4				
K976093		12.6	135	30.8				
K976106		10.6	142	177.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026789

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026830

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026830

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K976107		47.8	4.35	2970	900	1.24	73.5	1.82	119.5	25.1	12.7	9	10.55	1020	5.61	9.81
K976108		0.50	8.00	64.7	1630	2.09	0.59	2.61	0.99	72.2	8.0	23	22.0	15.5	2.92	18.40
K976109		3.10	6.76	661	870	1.27	2.29	1.75	22.9	43.2	7.4	9	11.55	51.8	6.48	14.25
K976127		0.21	7.53	14.1	1910	1.58	0.26	2.47	0.34	50.6	5.6	9	14.40	10.9	2.87	16.35
K976128		21.5	6.02	297	4000	1.44	64.7	0.80	20.5	36.2	9.9	8	12.45	83.6	8.37	12.90
K976129		0.23	8.62	44.4	1300	1.81	0.25	3.50	0.52	53.7	7.3	9	21.1	9.0	2.78	18.55
K976130		0.65	7.94	37.5	980	1.81	0.70	3.02	5.21	54.4	6.9	9	24.5	11.5	2.56	18.35
K976131		77.9	2.72	894	1370	0.64	105.5	1.08	>1000	47.1	5.2	6	4.04	1445	9.28	7.00
K272480		0.27	0.08	8	20	<0.05	0.10	19.90	1.47	1.40	1.3	<1	0.26	10.4	0.47	0.29
K976133		0.96	8.12	95.3	1450	1.75	0.94	2.04	11.80	63.3	5.6	8	15.45	24.4	3.27	16.60
K976145		3.35	8.34	238	1710	1.39	5.50	1.63	3.94	49.6	5.7	8	10.25	65.4	4.05	16.35
K976146		94.9	6.02	926	630	1.18	184.5	1.16	14.05	62.3	12.6	8	6.90	1440	8.33	13.35
K976147		0.23	8.17	14.3	1940	1.53	0.33	2.52	0.82	56.3	7.2	9	9.38	5.2	3.08	16.75
K976148		0.62	8.06	12.6	1930	1.55	1.21	2.33	0.26	48.9	7.2	10	10.15	12.1	3.09	16.80
G0561941		>100	8.26	56.5	1600	1.40	1.76	2.48	54.5	31.9	13.3	21	2.51	4700	3.99	22.1
K976149		0.31	8.10	30.6	1980	1.53	0.35	2.48	0.75	58.5	8.2	8	11.35	7.0	2.54	16.65
K976150		43.7	6.26	640	1070	1.29	83.1	1.48	141.5	63.0	7.2	6	12.25	1950	6.98	14.00
K976152		1.30	8.12	36.8	1460	1.53	1.79	1.76	6.52	64.2	8.2	8	12.40	17.5	3.28	16.20
K973619		0.57	7.91	48.4	2240	1.62	1.28	2.63	4.95	46.3	4.8	11	16.20	11.5	3.00	16.55
K973620		15.70	6.71	490	640	2.89	6.45	1.33	93.1	41.3	5.9	6	12.75	158.0	5.53	15.75
K973622		0.31	6.78	22.8	70	4.11	0.42	1.61	2.29	13.55	0.4	2	21.1	2.8	0.66	19.00
K973623		0.13	6.67	12.8	50	3.67	0.32	0.90	1.48	14.00	0.2	2	20.5	2.1	0.57	19.40
K973624		0.39	7.29	21.3	70	3.88	0.72	0.61	5.13	17.90	0.5	1	20.3	4.3	0.72	19.90
K973625		10.65	7.00	258	420	2.49	6.90	0.43	27.1	40.3	3.8	5	26.4	57.9	3.93	17.70
K973626		1.51	7.65	147.0	890	1.91	0.77	2.28	7.20	53.9	7.9	7	19.20	12.7	3.05	16.10
K973639		3.38	7.34	84.9	1250	1.51	2.18	1.35	64.8	58.2	10.8	9	8.54	34.8	4.50	17.65
K973640		17.75	5.38	>10000	690	1.21	21.6	1.53	123.5	36.6	3.4	10	8.89	282	5.80	12.50
K973642		1.61	7.85	143.0	920	1.57	1.59	1.61	22.4	60.3	3.3	9	16.50	23.3	4.74	16.95
K973643		22.9	7.00	>10000	790	1.32	9.85	0.46	105.0	56.2	3.3	9	10.65	528	6.38	18.30
G0561942		>100	1.44	1115	290	0.33	64.6	1.77	511	13.05	25.8	30	0.76	>10000	17.05	16.35
K973644		2.42	7.08	774	1210	1.61	1.99	1.76	58.2	56.2	3.6	9	15.80	21.1	4.44	17.25
K973645		0.64	6.90	47.8	1230	1.50	0.50	2.28	12.85	48.5	3.7	9	15.50	7.5	3.15	17.30
K973646		16.10	6.50	188.5	800	1.37	23.0	1.56	96.9	48.3	3.5	10	14.75	156.0	4.71	16.05
K973672		5.39	6.94	1780	750	1.42	5.95	1.39	24.9	78.3	5.3	11	15.70	54.9	7.76	18.35
K973674		0.48	7.13	46.5	990	1.81	0.32	2.39	1.50	51.2	4.9	16	15.45	25.1	3.11	19.15
K973675		5.47	5.46	320	1390	1.57	2.42	3.16	40.2	49.6	15.0	7	15.45	63.7	4.91	13.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026830

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K976107		0.16	0.9	3.10	1.47	12.8	47.4	0.79	841	15.95	0.03	4.5	3.1	360	485	93.3
K976108		0.19	4.2	0.055	2.43	40.6	315	1.23	959	1.16	0.05	11.4	8.7	1250	33.7	116.5
K976109		0.21	0.9	0.487	2.99	24.1	12.0	0.89	1680	1.65	0.03	7.2	2.7	490	413	215
K976127		0.17	1.1	0.071	3.02	26.8	62.7	0.77	786	0.70	0.75	8.3	2.6	610	26.3	123.5
K976128		0.23	1.3	0.440	2.43	17.6	88.9	0.43	893	2.84	0.05	6.5	3.7	460	661	139.0
K976129		0.20	3.4	0.045	3.24	29.0	71.3	1.20	715	1.36	0.06	10.8	4.7	800	22.5	136.5
K976130		0.18	3.4	0.104	3.08	29.5	50.0	1.02	625	1.04	0.06	10.5	4.3	740	212	136.5
K976131		0.20	0.4	38.9	1.15	30.1	25.5	0.46	2330	9.72	0.02	2.4	1.3	180	774	71.8
K272480		0.06	<0.1	0.020	0.03	0.7	1.5	12.00	198	0.14	<0.01	0.3	2.2	150	15.1	1.7
K976133		0.17	1.1	0.340	3.08	37.3	69.4	0.77	1280	0.75	0.36	8.9	2.2	570	152.0	179.5
K976145		0.18	0.9	0.220	3.06	27.9	31.5	0.67	1260	1.83	0.52	8.1	2.2	600	83.8	159.0
K976146		0.23	0.7	1.045	2.64	40.4	62.5	0.71	1120	5.04	0.04	5.1	2.1	410	1575	180.0
K976147		0.18	1.0	0.072	2.67	32.1	26.7	0.80	703	0.68	1.94	8.3	2.2	590	44.0	135.5
K976148		0.19	1.0	0.053	2.48	26.7	21.5	0.72	477	0.82	2.24	8.6	2.6	600	26.6	100.5
G0561941		0.16	0.5	13.05	2.33	16.7	12.1	0.73	609	41.0	2.64	7.5	12.2	850	9610	70.5
K976149		0.19	1.0	0.076	2.95	33.4	99.4	0.84	876	0.78	0.27	8.0	2.4	580	39.0	142.5
K976150		0.22	0.8	5.54	2.67	37.5	17.8	0.63	2740	1.78	0.03	6.4	1.7	440	459	165.5
K976152		0.18	1.0	0.178	3.04	37.0	76.5	0.68	900	6.27	0.26	8.2	2.3	580	110.5	142.0
K973619		0.18	1.1	0.080	3.36	24.5	19.8	0.65	1180	1.12	1.38	8.3	2.3	600	147.5	153.5
K973620		0.19	1.3	1.915	2.81	23.6	22.3	0.56	3000	2.66	0.05	10.1	2.1	390	2210	196.5
K973622		0.11	3.3	0.052	1.79	6.4	106.0	0.20	667	1.88	0.03	26.0	0.5	40	101.0	127.5
K973623		0.10	3.2	0.033	1.76	7.0	89.8	0.15	481	0.84	0.03	26.2	0.4	20	41.7	137.0
K973624		0.10	3.4	0.061	1.81	9.5	205	0.24	1030	2.48	0.03	26.4	0.5	50	63.4	147.5
K973625		0.16	1.7	1.235	2.70	23.7	29.5	0.36	2710	25.2	0.03	13.7	1.7	330	1125	185.0
K973626		0.18	1.1	0.121	3.56	31.9	11.1	0.85	2620	2.87	0.06	8.9	2.4	540	317	222
K973639		0.21	0.8	1.520	3.28	36.0	6.6	0.79	2390	6.43	0.06	6.5	2.2	550	1300	204
K973640		0.19	0.6	4.22	2.35	20.6	18.3	0.68	1300	9.83	0.03	5.1	1.9	370	1045	148.5
K973642		0.20	1.0	0.422	3.29	37.7	13.7	0.85	2330	2.67	0.04	7.4	2.2	560	392	196.5
K973643		0.21	0.9	2.38	3.14	33.3	7.3	0.43	1310	3.47	0.04	6.8	2.2	510	1555	196.5
G0561942		0.96	0.6	7.31	0.41	7.8	7.9	0.86	389	37.8	0.02	1.7	51.5	390	>10000	18.1
K973644		0.12	1.0	1.005	3.21	32.2	7.6	0.83	1560	9.29	0.03	7.6	2.2	500	784	177.5
K973645		0.12	1.1	0.256	3.16	25.9	21.2	0.86	1130	3.18	0.04	7.3	2.1	550	334	145.5
K973646		0.13	1.0	3.24	2.67	28.3	29.7	0.68	1620	2.48	0.03	6.8	2.3	490	1175	150.0
K973672		0.19	1.5	0.629	3.10	48.4	11.8	0.83	2600	6.03	0.03	6.5	3.4	760	847	167.5
K973674		0.13	2.3	0.135	2.23	27.3	60.0	0.72	1240	2.02	0.03	8.0	4.4	1040	68.4	76.2
K973675		0.13	1.2	0.630	2.26	29.8	16.5	0.97	2670	4.67	0.01	5.2	3.7	530	1375	144.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026830

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K976107		0.002	5.55	246	4.9	2	5.9	159.0	0.32	0.39	6.6	0.131	1.48	2.7	35	2.9
K976108		<0.002	0.34	20.4	7.5	1	1.7	633	0.70	<0.05	10.9	0.336	1.53	4.8	65	3.2
K976109		<0.002	6.39	22.3	9.5	1	5.5	78.7	0.53	0.11	12.9	0.212	3.40	4.3	58	6.9
K976127		<0.002	0.15	7.19	10.1	1	2.1	239	0.65	0.06	11.7	0.248	2.07	3.9	70	2.7
K976128		<0.002	7.55	19.30	7.5	2	3.5	179.0	0.50	1.22	9.4	0.190	2.20	4.9	55	3.3
K976129		<0.002	0.19	15.25	8.3	1	1.7	450	0.77	<0.05	10.7	0.303	2.51	6.0	70	4.7
K976130		<0.002	0.18	16.65	8.1	1	1.6	396	0.76	<0.05	11.1	0.280	2.58	5.7	68	2.4
K976131		<0.002	>10.0	77.3	3.3	12	5.5	33.7	0.19	1.28	4.6	0.068	1.08	2.0	25	2.1
K272480		<0.002	0.02	0.67	0.3	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K976133		<0.002	0.96	10.15	11.0	1	2.9	182.0	0.75	<0.05	14.2	0.240	2.72	5.6	64	2.7
K976145		<0.002	1.10	24.7	10.9	1	3.2	138.5	0.63	0.08	14.2	0.251	2.17	4.6	69	2.7
K976146		<0.002	7.39	209	8.0	1	7.6	43.5	0.39	1.55	11.7	0.153	2.30	5.3	53	3.1
K976147		<0.002	0.20	3.57	11.2	1	2.3	322	0.63	<0.05	14.0	0.249	1.70	5.2	69	1.3
K976148		<0.002	0.22	4.77	11.3	1	2.3	325	0.66	0.05	13.4	0.258	1.25	4.9	69	1.1
G0561941		0.020	1.68	154.0	7.8	4	362	722	0.41	0.12	5.9	0.235	4.00	1.3	79	19.7
K976149		<0.002	0.50	8.88	10.7	1	2.8	193.5	0.62	0.08	14.0	0.244	2.31	4.2	65	2.2
K976150		<0.002	5.82	47.3	8.4	2	5.6	64.9	0.52	0.74	12.1	0.184	2.90	4.4	51	4.2
K976152		<0.002	0.78	10.80	10.9	1	2.6	144.0	0.66	0.36	14.5	0.243	2.21	5.0	67	2.6
K973619		<0.002	0.21	3.76	11.3	1	2.0	260	0.61	<0.05	12.0	0.259	2.12	4.5	74	1.7
K973620		<0.002	3.50	24.6	8.3	2	9.1	104.5	0.84	0.10	13.8	0.168	3.13	8.2	48	6.0
K973622		<0.002	0.07	4.30	3.3	1	3.0	127.0	2.67	<0.05	17.2	0.038	1.62	10.3	2	1.8
K973623		<0.002	0.02	4.48	3.3	1	2.9	61.8	2.72	<0.05	18.6	0.033	1.43	4.5	1	1.8
K973624		<0.002	0.03	6.04	3.7	1	3.3	64.4	2.65	<0.05	22.9	0.040	1.50	9.7	2	2.5
K973625		<0.002	1.75	37.2	7.7	1	5.9	77.5	1.21	0.08	16.9	0.160	3.00	13.5	43	6.5
K973626		0.002	1.31	8.95	10.5	1	2.3	86.8	0.66	<0.05	14.5	0.226	3.59	6.5	60	5.4
K973639		0.003	1.61	7.52	11.1	1	4.0	29.2	0.48	0.08	15.2	0.189	3.16	4.1	72	4.4
K973640		0.002	4.54	79.5	7.3	1	4.4	32.8	0.39	0.11	10.1	0.148	2.49	5.1	49	4.2
K973642		<0.002	1.34	9.34	10.5	1	3.3	55.8	0.57	<0.05	14.8	0.223	3.44	5.1	60	6.1
K973643		<0.002	5.02	91.4	9.5	1	11.4	15.1	0.54	<0.05	13.3	0.206	3.06	4.0	59	6.5
G0561942		0.031	>10.0	264	2.4	209	111.5	39.0	0.09	0.88	1.2	0.040	36.5	4.3	58	1.8
K973644		0.002	1.44	9.06	9.6	2	4.7	52.2	0.62	<0.05	13.6	0.212	3.00	5.6	60	5.2
K973645		<0.002	0.35	7.35	10.1	1	2.7	78.1	0.60	<0.05	11.9	0.217	3.04	5.9	70	3.1
K973646		0.002	1.85	23.8	9.0	2	3.3	68.8	0.55	0.08	12.3	0.200	2.60	5.8	59	5.9
K973672		0.004	4.17	21.7	11.9	1	6.6	44.6	0.49	0.21	9.5	0.259	3.21	3.8	95	9.8
K973674		0.002	0.39	19.00	15.0	2	3.3	243	0.57	<0.05	8.4	0.363	2.51	6.1	120	9.1
K973675		0.003	3.65	25.9	9.0	2	4.9	99.3	0.39	0.41	8.0	0.180	2.44	11.0	72	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026830

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K976107		7.7	7630	29.8				
K976108		13.2	165	185.0				
K976109		10.4	1700	28.6				
K976127		14.3	64	29.5				
K976128		11.9	1480	44.7				
K976129		14.4	96	135.5				
K976130		14.5	420	134.0				
K976131		6.3	>10000	13.0				14.85
K272480		0.8	110	0.7				
K976133		15.5	883	29.5				
K976145		13.2	384	25.6				
K976146		10.3	1130	19.6				
K976147		15.3	117	27.4				
K976148		15.2	60	28.0				
G0561941		11.6	7460	15.5	100			
K976149		13.8	100	26.8				
K976150		12.3	9430	22.9				
K976152		14.0	520	28.3				
K973619		14.6	400	32.0				
K973620		12.6	8170	33.7				
K973622		13.9	265	59.4				
K973623		12.6	196	56.3				
K973624		17.5	585	65.8				
K973625		12.3	2460	37.4				
K973626		15.9	1500	29.6				
K973639		10.8	5140	24.1				
K973640		8.3	8420	18.7				
K973642		11.1	1660	27.2				
K973643		10.6	7650	26.7				
G0561942		7.3	>10000	18.3	156	1.235	1.545	9.50
K973644		10.7	4030	29.9				
K973645		12.8	958	31.8				
K973646		11.2	5840	28.5				
K973672		9.6	1920	60.3				
K973674		14.9	147	84.2				
K973675		14.5	2700	41.9				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026830

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026831

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

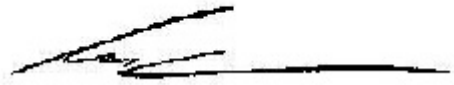
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973680		0.39	7.71	18.4	560	1.90	0.35	2.53	1.45	163.5	3.9	27	12.80	20.2	2.99	20.4
K973681		4.82	6.99	77.6	1720	1.63	2.73	1.88	12.50	136.5	63.3	15	15.00	180.5	3.98	16.45
K973682		0.76	7.18	16.7	1730	1.52	0.47	2.65	8.41	72.4	2.8	8	7.62	36.6	2.42	17.30
K973693		0.89	7.10	72.7	1830	1.30	1.28	1.79	2.77	54.3	5.4	8	14.85	11.2	3.31	17.20
K973694		4.98	6.24	1085	870	1.36	6.26	0.92	8.57	45.0	4.0	8	8.97	54.5	7.44	15.75
G0561943		>100	7.13	54.2	1510	1.13	1.57	2.33	56.5	30.2	14.0	20	2.52	4490	3.84	22.4
K973695		0.33	6.85	28.9	1780	1.52	0.25	2.68	0.80	44.6	5.8	8	17.80	6.0	2.76	17.10
K973707		2.65	6.90	112.0	1320	1.52	3.11	2.89	17.35	45.7	2.0	8	10.30	54.3	3.31	17.40
K973708		99.1	5.56	1355	530	1.07	192.5	0.33	47.6	35.0	4.5	7	7.32	1195	8.38	14.40
K973709		49.3	3.71	757	520	0.96	16.35	3.16	79.5	27.9	3.6	4	10.15	279	4.91	9.76
K973710		5.14	4.79	1080	380	1.07	10.20	0.68	4.77	36.1	6.1	9	9.58	69.7	6.31	12.95
K973712		8.18	6.07	949	510	1.35	6.98	0.54	11.25	43.9	4.5	8	15.50	345	5.97	15.55
K973713		1.46	6.85	35.1	1690	1.54	1.17	2.24	1.87	45.8	4.4	7	15.20	131.5	3.13	17.40
K973714		2.80	6.69	253	1100	1.55	2.65	1.85	12.85	43.0	4.4	6	22.8	72.0	3.94	16.60
K973715		26.2	6.32	1150	380	1.25	21.8	0.54	4.24	41.3	5.7	8	14.85	2950	8.90	16.30
K973716		41.5	6.37	743	260	1.37	92.3	0.67	65.1	47.8	4.0	8	9.25	203	6.97	18.15
K973717		0.39	7.11	24.9	1040	1.83	0.60	3.13	0.35	39.6	2.7	9	12.65	26.2	3.04	17.85
K973751		0.22	7.02	7.7	2050	1.73	0.27	2.63	0.32	43.0	6.5	11	12.75	4.3	2.71	18.05
K973752		4.43	6.77	218	810	1.49	6.87	2.61	10.80	40.9	13.9	7	11.65	240	4.11	17.05
G0561944		>100	1.37	1070	270	0.29	55.0	1.77	498	12.45	30.2	30	0.75	>10000	17.45	17.75
K973753		0.61	6.90	84.3	1330	1.57	0.95	2.79	1.63	41.1	4.2	7	20.9	10.0	2.76	16.55
K973780		0.56	6.69	92.2	1810	1.54	0.68	2.65	3.09	34.8	10.9	7	15.50	14.0	3.26	16.20
K973781		>100	5.49	630	840	1.17	609	2.04	13.45	32.3	23.1	8	14.20	284	6.91	12.30
K973782		0.33	6.53	10.6	3000	1.62	0.70	2.69	0.18	34.6	9.9	9	13.70	11.2	2.49	17.05
K973793		14.50	5.48	837	630	1.06	16.50	1.46	241	32.0	16.8	7	12.40	321	7.71	13.00
K973794		1.10	7.03	68.0	1230	1.69	0.79	1.75	24.6	46.9	7.2	9	12.75	39.8	4.12	16.85
K973795		0.28	6.97	9.1	2230	1.66	0.50	2.39	0.99	41.0	6.5	14	9.66	10.1	2.96	17.15
K272500		0.02	0.07	<5	20	0.07	0.03	20.7	0.09	1.31	1.6	<1	0.16	3.8	0.41	0.37
K973854		2.88	7.28	143.0	1010	1.87	1.31	2.21	12.60	49.6	7.9	8	24.6	41.2	3.70	16.55
K973855		>100	4.44	5770	1380	1.45	10.15	4.14	475	33.3	3.7	4	8.72	653	5.38	10.70
K973856		1.41	6.57	40.4	950	3.46	1.12	0.67	10.90	24.4	1.1	5	28.0	14.5	0.87	20.2
K973887		2.06	7.08	20.3	1940	1.44	0.15	2.52	5.19	41.1	5.8	16	14.65	14.7	2.89	15.90
K973888		>100	6.39	1065	1430	1.31	1.93	2.36	120.0	42.2	4.5	13	13.45	140.0	3.80	13.20
K973889		0.57	7.74	68.9	1930	1.77	0.09	2.45	1.70	49.9	6.7	12	25.5	6.8	2.96	17.50
K973890		8.40	7.63	135.0	2090	1.41	0.21	2.26	65.9	49.3	5.8	12	21.0	74.8	3.22	15.85
K973891		0.14	7.33	13.2	2170	1.52	0.11	2.32	0.35	42.1	4.9	10	21.2	2.8	2.81	16.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K973680		0.22	2.6	0.203	1.69	97.3	82.1	0.90	1340	0.29	0.03	8.5	3.8	1370	105.0	53.6
K973681		0.20	2.0	0.522	1.97	88.8	43.2	0.86	1400	1.36	0.02	5.6	4.4	960	601	102.0
K973682		0.17	1.1	0.385	2.76	42.7	27.1	1.03	1220	0.91	0.04	6.5	2.2	580	215	115.0
K973693		0.16	1.3	0.143	2.71	28.2	30.4	0.58	832	1.46	0.12	8.8	2.2	570	78.0	106.0
K973694		0.18	1.0	0.407	2.97	23.5	8.4	0.59	2000	3.69	0.02	6.8	2.3	460	262	211
G0561943		0.13	0.6	13.65	2.21	15.5	10.4	0.67	575	41.3	2.54	7.6	11.8	780	9120	64.1
K973695		0.14	1.3	0.076	2.65	21.7	43.4	0.79	893	0.91	0.83	8.6	2.5	530	39.6	95.6
K973707		0.15	1.0	0.565	2.92	20.5	30.9	1.05	2380	0.79	0.03	7.4	1.8	490	394	150.0
K973708		0.17	0.8	1.785	2.41	15.8	14.3	0.27	498	3.34	0.03	5.6	1.6	400	1520	160.5
K973709		0.08	0.6	1.300	1.55	14.0	26.1	1.15	3560	9.08	0.02	3.9	1.8	220	1920	98.1
K973710		0.15	0.7	0.247	2.07	19.0	26.5	0.33	700	13.80	0.02	5.3	2.9	330	285	128.0
K973712		0.14	0.9	0.927	2.63	21.9	19.1	0.42	2700	3.13	0.03	6.4	2.7	440	238	167.5
K973713		0.15	1.1	0.164	2.91	20.8	50.7	0.63	923	0.53	0.10	8.5	2.5	540	49.2	101.0
K973714		0.14	0.9	0.546	2.88	19.4	25.7	0.67	2780	1.40	0.03	7.0	1.9	500	245	159.0
K973715		0.19	1.0	2.13	2.72	21.2	13.3	0.74	3830	0.80	0.02	6.8	1.9	440	133.0	158.5
K973716		0.19	1.0	3.09	3.08	24.1	7.4	0.47	2430	1.14	0.02	7.2	1.9	470	560	187.5
K973717		0.11	1.0	0.297	1.91	15.4	34.9	0.76	1060	0.55	1.73	8.5	2.1	610	20.3	96.7
K973751		0.15	1.3	0.043	2.66	20.0	12.2	0.71	481	1.24	2.41	9.3	2.5	560	26.1	95.6
K973752		0.15	1.1	0.372	2.95	18.7	9.7	0.69	1540	1.08	0.47	8.2	2.0	520	150.5	167.5
G0561944		0.88	0.6	6.90	0.42	7.0	5.4	0.85	381	39.1	0.02	1.9	56.6	380	>10000	15.6
K973753		0.12	1.2	0.109	2.94	19.1	41.4	0.82	1460	0.77	0.06	8.6	2.1	560	39.6	112.5
K973780		0.17	0.9	0.279	3.51	13.9	53.6	0.74	1200	0.58	0.20	7.9	2.5	520	29.4	155.0
K973781		0.16	0.8	0.522	2.49	15.4	38.0	0.67	1080	0.85	0.18	6.0	2.3	380	833	131.5
K973782		0.14	1.0	0.034	2.63	15.8	19.5	0.62	436	0.41	2.04	8.4	2.2	520	17.3	93.0
K973793		0.18	0.8	5.55	2.25	16.4	17.0	0.45	1430	0.83	0.13	5.9	2.3	410	218	115.0
K973794		0.15	1.2	0.391	3.04	24.6	13.6	0.65	2600	0.78	0.84	8.5	2.0	500	180.0	154.0
K973795		0.16	1.1	0.056	2.72	20.3	13.8	0.73	488	0.76	2.31	8.5	2.4	550	17.5	96.8
K272500		<0.05	<0.1	0.006	0.03	0.6	1.0	12.65	177	0.35	0.01	0.4	1.7	190	1.9	1.3
K973854		0.11	1.2	0.270	3.05	26.8	18.8	0.85	2140	1.35	0.04	8.1	2.3	540	465	163.5
K973855		0.10	1.0	9.64	1.96	17.5	9.9	1.51	3200	2.28	0.01	6.6	1.5	280	>10000	130.5
K973856		0.12	3.1	0.149	2.52	11.6	26.9	0.27	612	4.60	0.03	27.0	1.2	70	318	192.0
K973887		0.14	1.3	0.075	2.74	22.3	11.3	0.68	786	0.84	1.79	8.1	2.7	540	821	100.5
K973888		0.15	1.0	0.930	2.64	22.2	19.3	0.84	1680	1.09	0.08	6.3	2.1	470	>10000	114.5
K973889		0.15	1.4	0.056	3.37	26.6	22.1	0.63	802	0.82	0.84	8.7	2.8	580	214	137.5
K973890		0.16	1.3	0.495	3.25	27.6	33.2	0.79	1260	0.80	0.09	8.0	2.8	560	1755	140.0
K973891		0.16	1.3	0.052	3.14	23.0	28.8	0.58	701	0.62	0.86	8.2	2.4	560	52.3	117.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K973680		0.002	0.18	17.80	18.3	2	4.5	890	0.51	0.06	7.8	0.416	1.45	9.1	143	12.9
K973681		0.003	1.54	54.8	13.2	2	4.3	487	0.36	0.90	6.8	0.290	1.70	7.7	117	9.9
K973682		<0.002	0.29	14.10	10.4	1	2.8	116.0	0.54	<0.05	12.6	0.196	2.06	3.4	71	5.8
K973693		0.002	0.76	22.1	10.2	2	1.8	113.5	0.72	0.07	13.0	0.245	1.55	3.5	67	4.0
K973694		0.002	5.91	20.5	8.9	1	7.7	25.8	0.54	0.10	11.1	0.194	3.04	4.1	53	8.2
G0561943		0.019	1.60	158.5	7.3	5	332	655	0.42	0.15	5.3	0.224	3.63	1.2	73	20.5
K973695		<0.002	0.24	5.54	10.5	2	1.9	200	0.70	<0.05	12.3	0.240	1.79	4.5	67	3.5
K973707		0.002	0.91	15.10	10.2	2	5.0	74.9	0.62	0.07	12.4	0.203	2.86	5.0	66	4.6
K973708		0.002	8.51	133.5	7.6	2	7.9	17.1	0.45	1.00	9.7	0.161	2.49	2.5	50	5.4
K973709		<0.002	4.26	112.0	5.7	2	9.2	77.9	0.30	0.15	6.8	0.110	1.74	4.4	34	5.4
K973710		0.002	5.95	60.2	7.2	1	5.8	49.1	0.40	0.34	8.7	0.159	2.15	20.4	50	6.0
K973712		0.002	3.97	80.5	8.9	1	6.0	31.9	0.48	0.13	10.7	0.189	2.76	5.5	58	5.9
K973713		0.002	0.26	17.20	10.7	2	2.6	129.0	0.66	<0.05	12.4	0.239	1.78	4.3	70	3.8
K973714		0.003	1.81	20.3	10.0	1	4.4	62.9	0.55	0.10	12.1	0.198	2.64	4.6	52	5.0
K973715		0.002	2.72	34.3	9.1	1	6.8	28.5	0.57	0.08	12.0	0.195	3.24	3.0	55	10.0
K973716		<0.002	5.38	12.30	9.4	2	12.8	21.1	0.59	0.38	12.2	0.202	2.99	3.6	59	6.5
K973717		0.002	0.24	5.23	11.2	2	3.3	287	0.65	0.07	11.6	0.237	1.80	3.6	74	1.6
K973751		<0.002	0.03	1.68	11.2	2	1.7	369	0.75	<0.05	12.4	0.256	1.10	4.0	68	1.9
K973752		<0.002	2.31	7.82	10.3	1	5.0	107.5	0.70	1.04	12.5	0.224	2.81	4.3	60	35.5
G0561944		0.031	>10.0	258	2.7	213	109.5	39.3	0.10	0.90	1.1	0.042	33.5	4.0	58	1.8
K973753		0.002	0.37	7.98	10.1	2	2.6	121.5	0.72	<0.05	12.0	0.243	2.76	4.0	65	4.5
K973780		<0.002	1.39	6.55	10.0	2	3.0	150.0	0.64	0.07	11.9	0.229	2.85	4.0	64	2.5
K973781		<0.002	6.14	34.8	8.0	2	3.2	106.0	0.49	2.03	9.7	0.167	1.99	3.3	47	2.0
K973782		<0.002	0.31	2.65	9.9	2	2.2	379	0.68	0.05	9.8	0.231	1.26	3.1	62	0.8
K973793		0.002	7.72	18.60	8.1	3	4.0	75.0	0.44	0.43	8.4	0.178	1.68	3.0	51	3.3
K973794		<0.002	0.93	6.37	9.9	1	2.7	160.0	0.75	0.08	13.3	0.219	2.24	4.9	59	3.2
K973795		<0.002	0.10	1.92	10.4	1	1.9	364	0.67	<0.05	11.6	0.246	1.17	3.7	67	0.8
K272500		<0.002	0.01	0.10	0.3	1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K973854		0.002	1.55	11.35	10.3	1	2.1	123.0	0.65	0.07	13.2	0.238	2.80	5.9	63	4.4
K973855		0.002	6.33	287	5.0	3	7.5	128.5	0.52	0.10	9.0	0.121	2.08	8.9	34	3.9
K973856		<0.002	0.27	7.82	4.2	1	3.2	95.5	2.67	<0.05	22.8	0.054	1.97	20.9	7	1.9
K973887		<0.002	0.13	5.51	9.9	1	1.7	304	0.82	<0.05	12.1	0.235	1.39	4.1	62	1.4
K973888		0.002	2.25	142.0	9.3	1	2.5	83.4	0.59	<0.05	11.1	0.200	2.13	4.0	56	3.3
K973889		<0.002	0.18	9.09	11.7	1	1.8	220	0.82	<0.05	14.2	0.257	2.12	4.8	70	2.3
K973890		<0.002	0.76	33.2	10.9	1	2.3	130.5	0.75	<0.05	14.1	0.237	2.21	5.0	65	2.4
K973891		<0.002	0.10	6.91	10.5	1	1.7	207	0.77	<0.05	12.3	0.247	1.89	4.1	67	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026831

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K973680		20.9	163	105.5				
K973681		16.8	951	81.9				
K973682		13.5	587	29.4				
K973693		15.3	215	37.5				
K973694		8.7	599	29.4				
G0561943		10.7	7020	18.2	104			
K973695		14.7	84	36.1				
K973707		12.4	1260	30.5				
K973708		8.9	3010	22.4				
K973709		7.6	6410	16.3				
K973710		8.0	358	21.2				
K973712		9.7	899	24.5				
K973713		14.6	169	31.8				
K973714		11.1	1020	26.9				
K973715		8.4	351	27.8				
K973716		10.1	4210	28.9				
K973717		14.7	78	29.3				
K973751		16.0	52	37.8				
K973752		11.9	906	30.0				
G0561944		7.0	>10000	19.9	161	1.265	1.560	9.27
K973753		15.1	220	32.7				
K973780		11.5	268	25.4				
K973781		10.7	913	21.4	214			
K973782		13.3	42	27.3				
K973793		11.1	>10000	22.3				1.735
K973794		12.2	1860	33.1				
K973795		15.1	103	30.9				
K272500		0.9	18	<0.5				
K973854		13.5	1120	35.6				
K973855		9.0	>10000	25.1	309		5.58	2.99
K973856		20.5	845	60.8				
K973887		16.2	413	33.6				
K973888		13.7	7700	25.4	125		3.90	
K973889		16.6	174	38.2				
K973890		16.9	4810	33.3				
K973891		14.7	68	34.2				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026831

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026832

Project: Klaza

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829368		1.59	6.85	44.4	2990	1.45	1.33	2.00	3.05	18.10	29.9	12	10.25	6.2	5.55	15.10
K973892		13.75	6.77	1305	620	1.43	0.54	1.66	47.0	49.9	4.4	10	14.40	222	5.25	15.00
K973970		1.00	7.31	153.0	1390	1.55	0.74	1.60	10.60	49.2	6.2	12	17.15	22.1	4.85	16.90
K973971		42.6	6.75	353	1060	1.35	32.0	2.25	145.0	47.3	6.5	10	16.10	315	5.05	15.05
K973973		1.74	7.31	146.5	1090	1.39	0.39	2.69	57.4	48.0	6.7	11	17.55	31.4	4.35	15.70
G0561945		>100	1.42	953	280	0.28	59.2	1.87	520	13.45	30.3	35	0.69	>10000	17.60	17.20
K974054		0.44	8.01	20.3	2000	1.35	0.29	1.71	1.70	51.5	5.1	13	14.55	10.5	3.36	17.50
K974055		92.7	4.67	3000	910	1.00	118.5	3.96	429	28.4	5.4	11	8.65	1305	8.30	10.70
K974056		2.85	5.08	259	1320	1.08	2.19	4.24	32.3	40.3	7.5	9	11.45	38.5	3.95	11.35
K974057		0.94	7.63	203	1270	1.47	0.61	2.54	7.87	43.6	3.8	11	15.10	20.4	3.22	15.80
K974059		2.46	7.51	124.5	1920	1.56	1.93	1.71	29.4	47.8	4.6	12	8.58	53.2	4.11	16.20
K974060		3.48	7.22	179.0	1150	1.50	3.99	1.13	34.8	67.3	6.9	12	8.46	58.3	5.27	16.60
K271901		0.02	0.09	<5	30	0.06	0.03	21.0	0.21	1.50	1.3	5	0.30	2.2	0.51	0.31
K974061		2.84	7.26	447	1320	1.41	2.89	2.73	21.7	42.3	4.4	11	13.35	24.0	3.89	15.55
K974062		10.50	6.62	3780	1960	1.25	13.35	2.03	38.2	43.9	5.0	11	9.33	113.5	5.59	15.30
K974064		18.55	6.25	1550	570	1.33	27.7	1.60	71.0	37.2	13.9	11	10.70	180.0	5.32	14.90
K974065		1.19	7.83	192.0	2030	1.41	0.59	2.03	13.50	64.9	3.6	13	10.80	13.6	4.05	16.60
K974075		24.0	6.44	1000	650	1.25	39.6	0.72	231	41.9	7.3	9	8.88	284	6.47	14.70
K974076		0.99	7.94	94.1	1230	1.55	0.29	1.85	8.74	48.2	5.7	12	17.35	13.1	3.84	16.55
G0561946		>100	7.69	47.8	1550	1.28	1.83	2.40	51.4	31.4	12.6	24	2.41	4560	3.86	20.9
K974077		5.39	6.37	664	3390	1.33	2.76	0.70	31.0	33.3	8.6	11	11.20	61.2	6.09	14.75
K974078		6.07	7.32	813	1170	1.48	1.84	1.14	23.9	50.8	8.3	11	12.55	58.6	5.42	16.75
K974090		2.76	6.35	163.0	490	1.23	4.13	1.64	12.85	30.4	12.1	11	9.06	9.8	5.65	14.35
K974091		>100	4.49	1150	990	0.87	146.5	1.02	661	15.95	13.7	11	7.52	1565	9.41	11.15
K974093		0.75	7.52	22.9	810	2.17	0.77	1.76	2.24	61.4	5.4	15	16.85	26.6	2.35	19.50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
L829368		0.16	0.9	0.413	2.88	7.4	10.5	0.84	1960	26.8	0.10	5.7	3.1	540	113.5	171.0
K973892		0.20	1.0	0.406	3.00	30.2	11.8	0.75	2380	13.45	0.02	6.7	2.9	490	3270	186.5
K973970		0.19	1.2	0.293	3.18	27.0	33.5	0.68	2520	1.51	0.04	8.0	2.9	570	109.5	161.0
K973971		0.18	0.9	5.85	2.96	26.7	35.4	0.75	2550	2.01	0.04	6.9	2.3	490	466	164.0
K973973		0.19	1.0	1.005	3.35	27.4	42.1	0.74	1780	0.75	0.38	7.4	2.3	540	83.3	153.5
G0561945		1.08	0.6	7.13	0.42	7.6	6.2	0.86	401	39.8	0.02	1.8	63.3	390	>10000	17.8
K974054		0.15	1.2	0.111	3.29	28.4	52.3	0.68	1150	1.36	0.08	8.5	2.5	610	72.9	142.0
K974055		0.20	0.7	8.53	2.00	14.4	13.2	1.56	2740	10.95	0.02	4.7	2.1	350	5380	122.0
K974056		0.16	0.7	0.853	2.20	21.3	18.4	1.17	2920	7.64	0.02	5.0	2.4	350	666	138.0
K974057		0.15	1.0	0.156	3.16	24.1	16.6	0.99	1180	1.14	0.03	7.6	2.2	540	250	153.0
K974059		0.19	1.0	0.662	3.47	25.6	9.7	0.75	1780	0.96	0.04	7.2	3.8	560	636	199.5
K974060		0.22	0.9	0.618	3.29	39.5	21.8	0.71	1600	1.57	0.04	7.0	6.0	530	745	198.5
K271901		0.08	<0.1	0.007	0.04	0.7	1.0	13.10	232	0.10	<0.01	0.3	2.8	230	4.9	2.9
K974061		0.16	1.0	0.484	3.15	23.6	22.1	1.04	2050	4.62	0.02	6.8	2.1	540	605	185.0
K974062		0.20	1.0	1.565	2.90	22.4	11.8	0.78	5730	1.89	0.02	6.6	2.2	480	364	160.5
K974064		0.19	0.8	1.305	2.80	19.9	13.7	0.63	1940	6.42	0.02	6.2	2.3	460	1090	164.0
K974065		0.19	0.9	0.197	3.69	36.7	11.0	0.85	1900	0.65	0.03	7.1	2.3	570	548	215
K974075		0.20	1.0	6.02	2.89	23.0	8.4	0.69	1780	3.52	0.02	6.1	2.1	470	2000	178.5
K974076		0.17	1.2	0.141	2.66	26.9	105.0	0.82	1250	1.04	0.03	8.0	2.6	630	436	129.5
G0561946		0.18	0.6	13.55	2.21	16.0	10.0	0.69	597	40.4	2.54	7.0	12.5	810	9180	70.2
K974077		0.22	0.9	0.808	2.68	13.8	16.0	0.50	2350	20.5	0.01	5.9	3.2	480	706	160.5
K974078		0.20	1.1	0.838	3.25	28.2	10.6	0.56	4470	0.69	0.02	7.6	2.5	550	254	207
K974090		0.19	1.0	0.316	2.92	15.5	18.8	0.71	1700	4.74	0.03	4.6	2.5	470	361	192.0
K974091		0.20	0.9	14.15	1.92	7.9	38.5	0.52	2090	16.20	0.01	4.1	2.6	370	1370	103.0
K974093		0.17	3.4	0.091	2.63	32.6	449	0.72	550	1.14	0.03	10.5	5.1	950	38.8	91.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
L829368		0.006	4.75	14.70	9.1	2	4.1	105.5	0.50	0.36	10.6	0.180	2.96	5.1	56	1.3
K973892		0.002	2.77	114.0	10.2	1	4.4	50.7	0.60	<0.05	13.8	0.213	3.25	6.9	58	5.4
K973970		<0.002	1.82	14.20	10.6	1	2.9	69.5	0.81	<0.05	14.2	0.234	2.97	5.4	62	3.8
K973971		0.002	3.81	85.4	10.1	2	3.4	87.2	0.62	0.09	12.6	0.208	2.83	4.7	57	3.7
K973973		0.002	1.91	9.37	10.4	1	2.5	154.5	0.66	<0.05	13.1	0.228	2.43	4.0	61	1.9
G0561945		0.032	>10.0	275	3.1	237	111.0	42.7	0.11	0.80	1.2	0.042	34.3	4.4	58	1.7
K974054		<0.002	0.24	8.60	11.9	1	2.5	119.5	0.78	<0.05	14.3	0.269	2.19	4.1	71	3.2
K974055		<0.002	8.80	73.8	7.2	3	12.3	77.1	0.43	0.26	8.5	0.146	2.20	6.4	41	3.9
K974056		0.002	1.52	23.7	7.6	1	4.2	113.0	0.45	0.08	10.2	0.148	2.27	10.0	42	3.4
K974057		<0.002	0.60	9.24	10.5	1	3.1	135.5	0.70	<0.05	13.9	0.235	3.03	5.0	63	3.3
K974059		<0.002	1.29	10.50	10.3	1	5.0	53.7	0.64	<0.05	14.9	0.214	3.05	5.4	56	3.5
K974060		0.002	2.23	10.55	12.1	1	4.7	41.1	0.63	<0.05	14.5	0.215	2.95	5.5	59	4.0
K271901		<0.002	0.01	0.14	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6	1	0.1
K974061		0.002	1.86	15.40	10.1	1	3.7	123.5	0.63	<0.05	13.1	0.218	3.26	4.2	60	4.1
K974062		0.002	4.33	61.1	9.8	1	6.7	65.1	0.57	0.08	11.8	0.206	2.87	3.7	57	5.8
K974064		0.002	4.24	52.6	9.5	2	6.8	56.0	0.55	0.22	12.3	0.197	2.65	5.4	51	3.5
K974065		<0.002	1.32	7.30	10.9	1	3.3	60.7	0.64	0.05	14.7	0.228	3.42	5.0	69	2.9
K974075		<0.002	3.94	32.3	9.3	2	4.7	25.8	0.54	0.14	12.7	0.192	2.81	6.5	54	6.7
K974076		<0.002	0.60	15.20	11.3	1	2.6	104.5	0.66	<0.05	15.0	0.264	2.41	4.9	70	3.1
G0561946		0.021	1.55	146.0	7.6	4	327	692	0.45	0.11	5.3	0.225	3.59	1.2	77	16.9
K974077		0.002	4.86	39.6	10.3	1	5.0	124.0	0.52	0.07	10.8	0.214	2.49	5.5	67	5.4
K974078		<0.002	3.41	27.9	11.1	1	6.3	83.7	0.68	<0.05	13.2	0.229	3.37	5.1	62	5.5
K974090		0.002	4.95	25.0	9.6	1	4.7	54.3	0.44	0.51	12.3	0.173	2.89	6.0	57	6.4
K974091		0.002	10.00	273	5.9	4	10.0	119.5	0.33	1.03	6.7	0.137	2.00	5.6	40	4.6
K974093		<0.002	0.09	35.2	5.1	1	1.5	261	0.82	<0.05	9.9	0.291	1.26	3.7	45	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026832

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
L829368		11.0	602	23.4				
K973892		10.9	3520	26.7				
K973970		12.3	836	30.5				
K973971		12.4	9940	25.3				
K973973		14.1	4550	26.7				
G0561945		7.8	>10000	19.5	163	1.285	1.550	9.12
K974054		15.8	202	33.8				
K974055		10.1	>10000	17.7				2.69
K974056		9.4	2480	20.2				
K974057		13.7	645	27.3				
K974059		12.0	2250	25.9				
K974060		10.7	2600	24.1				
K271901		0.9	31	<0.5				
K974061		11.5	1680	25.5				
K974062		11.0	3280	25.9				
K974064		10.5	5140	20.5				
K974065		11.8	1180	23.9				
K974075		8.2	>10000	26.3				1.490
K974076		14.3	733	30.3				
G0561946		11.2	7130	16.1	104			
K974077		9.3	2440	23.5				
K974078		12.0	1820	29.3				
K974090		8.7	1060	24.5				
K974091		6.5	>10000	31.8	109			4.45
K974093		9.9	299	117.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026832

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE WH12026833

Project: Klaza

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K272946		0.41	6.90	32.3	890	1.55	0.22	3.36	0.44	41.1	7.0	9	14.10	36.4	3.10	16.20
K272947		>100	4.49	>10000	960	0.70	129.0	1.43	229	33.1	4.8	11	5.44	1835	9.50	11.55
K272949		5.55	7.07	147.0	1670	1.67	0.91	3.09	8.75	48.0	7.4	18	8.71	32.1	2.69	17.90
K272950		0.96	7.59	95.2	510	1.89	0.67	2.94	3.83	51.7	8.2	25	22.8	27.5	3.71	18.60
G0561947		>100	7.80	48.7	1580	1.27	1.64	2.45	52.1	31.6	13.1	24	2.42	4670	3.94	21.6
K972501		11.45	6.47	6760	980	1.88	4.78	2.80	9.85	56.3	9.0	13	22.8	96.3	4.62	16.80
K972502		>100	3.21	>10000	320	1.24	158.0	2.34	122.0	24.9	4.6	8	10.95	1270	12.45	8.65
K972503		2.45	7.36	307	600	1.45	1.77	1.61	9.10	41.7	6.9	8	11.10	62.2	4.80	16.00
K972504		1.40	7.26	124.0	1010	1.51	1.28	2.57	1.08	43.3	8.3	11	16.40	68.2	3.27	17.80
K972505		97.9	5.26	8880	760	1.04	255	1.36	12.65	25.6	14.2	7	11.70	>10000	13.90	12.25
K974092		0.22	0.08	11	30	0.10	0.55	21.4	0.22	1.69	1.2	<1	0.26	24.2	0.45	0.30
K972507		1.50	7.21	58.4	1350	1.59	1.80	2.41	0.43	42.4	7.6	9	17.70	147.5	3.64	18.00
K972535		14.75	6.69	742	500	1.35	5.96	1.02	10.40	38.9	4.9	7	17.60	89.8	4.07	15.60
K972536		58.0	6.99	2570	1620	1.86	4.50	0.58	67.1	49.3	9.3	7	25.7	469	5.71	18.60
K972538		4.20	7.62	192.5	1630	1.70	0.56	1.97	10.15	39.2	7.7	13	18.20	41.7	3.43	18.55
G0561948		>100	1.42	1070	310	0.35	59.5	1.83	529	12.10	32.9	30	0.76	>10000	17.95	18.50
K972585		0.34	7.39	22.2	1940	1.67	0.47	2.87	0.64	40.0	8.9	12	16.55	11.5	3.32	17.55
K972586		>100	3.23	>10000	760	0.72	216	0.81	354	23.9	18.2	13	9.03	4010	14.65	11.05
K972588		0.65	8.26	46.5	350	2.26	0.47	2.51	0.92	71.6	9.8	35	32.2	17.6	3.91	22.8
K972589		6.04	7.38	182.5	1570	1.74	2.09	2.21	10.35	44.9	9.4	14	27.0	64.6	3.46	18.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
K272946		0.17	1.1	0.064	2.93	20.0	30.5	1.11	2430	0.36	0.03	7.3	2.9	570	28.1	117.0
K272947		0.21	0.7	1.145	1.90	16.9	10.9	0.49	14850	9.41	0.01	4.2	2.5	330	>10000	114.0
K272949		0.14	3.3	0.167	0.99	25.8	70.6	1.14	1580	2.72	0.01	10.1	6.7	1000	369	28.6
K272950		0.19	3.0	0.140	2.38	26.6	99.2	1.10	1540	1.35	0.03	10.2	8.3	1240	157.5	80.8
G0561947		0.17	0.6	14.05	2.27	16.1	10.5	0.70	608	41.9	2.59	7.0	12.7	830	9440	70.0
K972501		0.17	1.8	0.135	2.24	31.2	42.6	0.97	2420	5.97	0.02	8.1	5.6	780	744	145.5
K972502		0.27	1.1	1.145	1.11	13.5	18.5	0.80	1880	6.16	0.02	4.2	3.0	360	>10000	71.0
K972503		0.15	1.0	0.163	3.24	22.1	5.7	0.72	4160	1.10	0.02	7.3	2.5	580	464	196.0
K972504		0.15	1.1	0.118	2.46	21.4	55.6	0.89	1460	1.30	0.03	8.2	2.5	630	205	97.2
K972505		0.27	0.7	9.90	1.94	12.7	26.8	0.60	1050	2.84	0.02	5.3	1.8	410	467	102.0
K974092		<0.05	<0.1	0.025	0.04	0.8	1.3	12.95	209	0.25	0.01	0.4	1.8	250	4.8	2.1
K972507		0.16	1.1	0.240	2.96	20.7	38.7	0.76	970	0.75	0.13	8.2	2.5	610	31.4	115.5
K972535		0.15	1.0	0.163	2.27	21.0	76.3	0.20	2150	3.52	0.02	7.1	2.3	470	848	134.5
K972536		0.19	1.0	0.589	2.84	27.5	17.4	0.22	22500	5.36	0.01	7.2	2.5	550	>10000	200
K972538		0.15	1.2	0.116	3.00	18.7	29.9	0.33	2790	1.65	0.74	8.4	2.6	620	668	145.5
G0561948		1.00	0.6	6.95	0.42	7.2	6.4	0.86	410	40.1	0.02	1.8	59.5	400	>10000	17.0
K972585		0.14	1.2	0.057	2.93	19.4	12.6	0.78	951	1.83	1.75	8.7	2.6	610	61.7	118.5
K972586		0.27	0.8	5.65	1.21	13.0	23.5	0.38	22200	11.35	0.02	3.8	2.9	330	>10000	71.0
K972588		0.20	4.4	0.056	2.04	34.8	98.2	1.14	1400	0.84	0.04	13.7	12.8	1940	50.0	59.8
K972589		0.15	1.5	0.191	2.65	22.1	49.7	0.68	3500	5.16	0.02	11.2	4.2	750	541	125.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
K272946		<0.002	0.29	13.50	10.7	1	2.1	132.5	0.63	<0.05	9.8	0.254	2.42	4.2	72	1.7
K272947		0.002	8.33	368	6.8	3	10.3	63.2	0.35	1.26	6.8	0.146	1.64	2.2	44	3.3
K272949		0.002	0.44	37.7	7.2	1	1.8	1020	0.77	<0.05	8.0	0.289	1.00	8.7	62	2.7
K272950		0.002	0.33	23.7	9.8	1	3.0	285	0.76	<0.05	7.8	0.380	1.86	3.9	84	3.6
G0561947		0.022	1.58	150.5	7.7	4	337	710	0.45	0.12	5.2	0.229	3.62	1.1	78	17.4
K972501		<0.002	2.30	62.4	10.8	1	6.5	391	0.58	0.09	10.3	0.261	2.08	7.2	65	7.2
K972502		0.002	>10.0	584	3.7	3	8.3	88.2	0.29	1.24	4.3	0.119	1.47	6.6	29	6.0
K972503		<0.002	2.90	21.1	11.8	1	5.3	38.5	0.60	<0.05	10.9	0.258	2.83	5.3	73	4.4
K972504		<0.002	0.31	23.3	12.5	1	2.1	120.0	0.63	<0.05	10.7	0.266	2.09	6.0	79	5.0
K972505		0.002	>10.0	111.0	8.9	2	7.1	59.4	0.44	1.30	7.6	0.174	1.49	5.4	53	2.2
K974092		<0.002	0.03	1.38	0.6	1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K972507		<0.002	0.40	23.0	12.3	1	2.6	113.0	0.68	<0.05	11.7	0.268	1.90	5.2	77	3.3
K972535		<0.002	0.07	166.5	11.0	1	3.4	194.5	0.61	<0.05	11.9	0.230	1.95	4.1	69	6.3
K972536		<0.002	0.18	245	12.0	2	2.2	153.5	0.58	0.15	12.4	0.238	3.37	10.4	69	4.4
K972538		0.002	0.04	23.3	12.8	1	2.6	206	0.70	<0.05	10.7	0.268	2.19	3.1	78	2.9
G0561948		0.034	>10.0	274	3.3	241	113.5	42.3	0.10	0.78	1.1	0.042	35.8	4.0	58	1.9
K972585		<0.002	0.05	6.25	12.1	2	1.7	319	0.69	<0.05	11.0	0.267	1.54	3.7	78	2.6
K972586		0.003	>10.0	1535	4.8	5	17.5	72.2	0.28	1.59	4.7	0.121	1.39	4.8	31	4.0
K972588		<0.002	0.03	37.5	9.7	1	1.4	371	0.88	<0.05	8.0	0.465	1.76	3.0	92	2.8
K972589		<0.002	1.57	36.3	12.3	1	2.4	220	0.69	<0.05	10.8	0.283	2.49	4.7	78	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12026833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
K272946		13.9	87	30.4				
K272947		10.6	>10000	19.7	135		1.225	1.840
K272949		12.4	822	119.0				
K272950		13.4	480	113.5				
G0561947		11.4	7350	16.0	107			
K972501		11.7	888	66.2				
K972502		6.7	>10000	43.5	298		5.33	1.245
K972503		10.5	1060	25.3				
K972504		13.0	143	25.9				
K972505		9.0	1320	16.1		1.035		
K974092		1.0	23	0.7				
K972507		12.6	81	26.4				
K972535		10.5	1100	25.1				
K972536		18.3	4120	25.3			1.535	
K972538		14.0	762	29.7				
G0561948		7.3	>10000	17.3	160	1.270	1.545	9.24
K972585		14.5	165	29.0				
K972586		8.7	>10000	27.6	245		2.73	3.47
K972588		13.7	216	179.0				
K972589		11.4	1080	46.6				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 8-MAR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12026833

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-APR-2012
Account: ROCKHA

CERTIFICATE WH12062546

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12062546

Sample Description	Method	Ag-OG62
	Analyte	Ag
	Units	ppm
	LOR	1
K270336		1
K270337		17
K270339		2
K269782		1
K269783		99
K269785		1
K271271		1
K269813		2
K269814		20
K269815		2
K269816		1
K269818		1
K269819		2
K269820		13
G006287		163
K269821		<1
K863103		1
K863105		NSS
K863106		<1
K863144		4
K863145		21
K863147		1
K973006		<1
K973007		NSS
K973009		<1
K973010		3
K973011		1
G006288		102
K973012		2
K973013		35
K973014		<1
K973028		12
K973029		159
K973030		7
K973031		35
K973032		1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 3-APR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12062546

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-MAR-2012
Account: ROCKHA

CERTIFICATE WH12062549

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12062549

Sample Description	Method	Ag-OG62
	Analyte	Ag
	Units	ppm
	LOR	1
K270439		22
K270440		1
K973110		<1
K973111		69
K973112		<1
K973113		20
G006291		164
K973115		<1
K973120		1
K973121		6
K973123		<1
K973155		<1
K973156		34
K973157		<1
K973158		1
K973159		49
K973160		2
K973161		12
K272040		<1
K973162		<1
K973164		<1
K973165		8
K973166		<1
K973167		<1
K973168		1
G006292		101
K973169		25
K973171		2
K973172		3
K973173		3
K973174		3
K973175		14
K973176		14
K973178		<1
K973179		<1
K973180		<1

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-MAR-2012
Account: ROCKHA

CERTIFICATE WH12063510

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

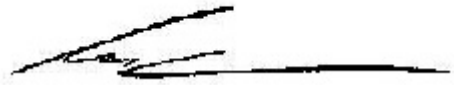
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063510

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
K974194		<1	0.007
K974195		53	1.790
K974197		1	0.072
K972901		1	0.034
G0557550		102	0.941
K972902		8	0.176
K972904		<1	0.015
K972922		<1	0.014
K972923		5	0.058
K271534		<1	<0.001
K972925		1	0.057
K972943		<1	0.005
K972944		55	0.354
K972946		<1	0.020
K972947		<1	0.009
K972948		30	0.429
K972949		<1	0.012
K972950		4	0.052
K972952		<1	0.003
K972953		75	0.231
K972954		<1	0.003
G0561916		162	1.485
K972960		1	0.033
K972961		16	0.205
K972962		<1	0.018
K972963		8	0.130
K972964		<1	0.003
K972968		<1	0.002
K972969		3	0.077
K972970		<1	0.005
K972971		1	0.003
K972972		5	0.044
K972973		5	0.051
K972975		<1	0.002
K972978		1	0.004
K972979		5	0.107

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-MAR-2012
Account: ROCKHA

CERTIFICATE WH12063511

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063511

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	ME-MS61 Cu ppm 0.2
K271046						13.9
K271047		274				3680
K271049						8.0
K271052						23.7
K271053						139.0
K271054						13.1
K271097						7.2
G006269		103				4590
K271098		110		1.695	1.820	564
K271100						80.3
K271101						26.5
K271112						29.7
K271114						52.5
K271115						22.0
K271116						65.4
K271117		132		1.485	1.115	723
K271118						17.5
K271007						2.3
K271119						29.4
K271120		155				343
K271122						30.3
K271345						20.9
K271346					1.155	158.0
K271347				2.73	1.430	453
K271349				2.11	1.350	426
K271350						108.0
K271351						72.5
G006270		160	1.275	1.510	9.10	>10000
K271374						36.8
K271375						58.2
K271377						11.8
K271386						32.0
K271387						209
K271389						223
K271390						59.4
K271391						82.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063511

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

CERTIFICATE WH12063512

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063512

Sample Description	Method	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Cu	Pb	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.001	0.001	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
K271291						0.99	7.29	18.0	1350	1.84	0.14	3.20	0.59	55.5	5.9	13
K272008						3.84	7.50	302	430	1.48	1.70	1.45	7.09	52.2	8.0	12
K272009				1.755	1.030	73.3	6.39	8400	1380	1.19	0.49	1.64	178.0	37.1	4.7	9
K272010						0.83	7.50	30.0	1580	1.60	0.81	2.33	1.29	51.3	7.0	11
K272026						0.51	7.24	50.3	2190	1.80	0.21	2.66	1.57	54.7	5.0	30
K272027						8.41	6.01	6430	410	1.29	1.00	0.85	43.0	34.7	7.1	11
G006273		160	1.285	1.515	9.24	>100	1.48	1225	140	0.30	62.1	1.87	540	11.15	30.5	33
K272028		146		2.59	3.24	>100	4.48	>10000	750	0.82	14.85	1.08	537	20.8	4.7	7
K272029						2.49	8.20	93.8	390	1.57	0.76	1.96	16.25	50.0	10.0	11
K272031						0.53	8.05	57.5	1410	1.42	0.86	2.36	1.12	52.0	9.5	13
K272032						1.36	7.76	843	1990	1.48	0.27	3.31	2.78	47.2	7.5	13
K272033						0.24	7.38	12.3	2080	1.43	0.20	2.80	0.48	44.5	6.8	13
K272034						0.27	7.56	9.4	2120	1.41	0.37	2.66	2.85	47.7	9.4	10
K272035						7.30	7.33	20.0	1840	1.55	1.69	2.87	16.65	42.9	12.7	11
K272036						9.82	7.23	59.9	350	1.06	4.31	1.49	35.8	20.2	22.3	10
K272037						12.75	7.19	83.6	600	0.98	5.42	0.94	97.8	12.20	28.5	15
K272038						4.16	6.97	12.4	340	1.30	3.56	2.71	3.28	18.05	30.5	8
G006274		102				>100	7.95	54.5	1020	1.30	1.56	2.50	58.6	29.7	13.1	21
K271636						0.30	7.29	17.5	2150	1.41	0.17	2.54	0.38	41.6	5.5	14
K271637						11.55	7.56	1685	1160	1.58	2.46	2.19	29.5	55.9	7.0	11
K271638						0.25	7.08	32.5	960	1.70	0.21	2.85	0.64	52.8	4.9	24
K271639					1.070	52.5	4.94	>10000	710	0.99	3.37	1.91	141.5	29.7	6.6	10
K271641						17.55	7.15	8570	370	1.59	0.32	2.71	92.7	57.4	7.5	15
K271642						1.05	7.14	246	1510	1.47	0.19	2.24	3.17	42.2	5.7	9
K271652						5.73	4.97	746	400	0.67	0.19	2.31	26.5	7.37	5.2	15
K271653						48.9	4.71	3050	140	1.06	3.27	1.97	56.4	21.4	12.4	8
K271655						2.40	7.32	197.0	1660	1.50	0.51	2.20	6.84	47.3	11.1	11
K271113						0.16	0.11	9	30	0.08	0.03	20.7	0.24	1.34	1.8	<1
K271704						0.25	6.94	22.9	1180	1.64	0.14	2.84	0.23	44.1	6.3	9
K271705						6.07	7.16	550	1910	1.72	0.13	2.56	26.8	48.5	7.2	10
K271706						44.2	7.00	2670	610	1.53	1.17	2.39	141.0	42.0	5.9	10
K271716						5.44	7.47	311	2290	1.55	1.05	2.08	11.00	45.9	6.4	10
K271718						1.48	7.06	102.0	1530	1.58	0.54	2.52	2.98	47.6	6.8	10
K271719						13.75	7.23	997	1240	1.52	1.30	1.53	27.9	44.4	7.2	8
K271720						0.33	7.12	25.3	1840	1.48	0.10	2.52	0.42	43.2	8.7	10
K271721						1.85	7.23	130.0	1610	1.49	0.15	2.44	7.22	43.2	7.4	12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063512

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
K271291		21.0	24.1	2.43	19.60	0.15	3.6	0.045	2.53	27.8	39.9	0.84	505	0.98	0.51	10.1
K272008		12.60	29.7	4.56	15.90	0.14	1.2	0.115	3.41	27.8	16.7	0.54	1040	0.68	0.06	7.0
K272009		11.55	205	4.85	14.10	0.10	0.9	0.605	2.80	18.3	12.4	0.61	2610	0.69	0.03	5.7
K272010		16.50	8.6	3.40	16.35	0.12	1.1	0.078	3.41	26.6	33.1	0.69	1540	0.58	0.62	7.5
K272026		30.6	13.6	2.19	18.85	0.09	4.0	0.048	2.57	28.0	39.9	0.92	718	2.47	0.06	8.6
K272027		13.75	50.7	4.78	14.90	0.06	1.2	0.455	2.50	17.2	29.9	0.41	632	10.60	0.02	5.8
G006273		0.68	>10000	18.75	17.15	1.00	0.6	6.87	0.43	6.0	7.8	0.89	411	36.3	0.02	1.8
K272028		5.69	1315	10.55	12.75	0.18	0.8	11.60	2.00	10.0	11.2	0.29	10100	1.20	0.02	3.8
K272029		15.50	14.6	4.17	17.80	0.08	1.0	0.077	3.49	24.9	27.1	0.81	1630	0.58	0.07	7.9
K272031		12.45	6.4	3.69	17.90	0.10	1.3	0.064	2.78	24.7	29.9	0.92	578	1.63	0.70	9.4
K272032		13.90	16.3	3.33	17.25	0.12	1.2	0.061	2.58	22.8	26.1	0.84	697	0.60	1.93	8.6
K272033		13.15	9.5	3.03	16.15	0.11	1.1	0.042	2.52	21.3	18.5	0.79	737	0.49	2.32	7.8
K272034		16.75	9.0	2.83	17.30	0.13	1.1	0.069	2.36	24.2	75.0	0.72	557	1.14	1.48	8.3
K272035		11.70	71.5	3.54	17.00	0.14	1.0	0.127	2.72	21.1	14.2	0.85	1380	0.85	1.10	7.5
K272036		4.66	53.0	5.85	13.85	0.12	1.2	0.444	3.36	6.9	5.6	0.76	1780	4.32	0.04	5.5
K272037		6.59	107.0	7.38	13.90	0.13	2.0	0.540	3.25	4.0	5.3	0.77	1920	0.99	0.04	4.6
K272038		4.81	9.8	5.00	14.70	0.15	0.8	0.253	3.29	6.7	4.4	0.84	2590	1.41	0.05	6.0
G006274		2.53	4840	4.19	21.8	0.11	0.5	13.80	2.31	14.4	11.4	0.71	626	37.3	2.68	7.1
K271636		12.40	6.4	3.02	15.50	0.13	1.1	0.051	2.98	20.9	9.1	0.67	634	1.06	1.89	7.5
K271637		25.5	70.5	3.60	17.25	0.13	1.5	0.282	3.12	29.3	41.6	0.68	1830	2.43	0.08	8.4
K271638		34.6	10.6	2.37	17.90	0.17	2.9	0.033	2.40	26.6	100.0	0.88	665	0.69	0.07	8.6
K271639		8.83	218	9.02	13.60	0.20	0.8	0.881	2.09	14.4	21.3	0.62	5090	3.93	0.02	5.0
K271641		19.05	70.8	4.43	17.70	0.11	2.5	0.519	2.19	28.9	128.5	0.92	2190	3.81	0.03	8.6
K271642		19.25	12.8	3.05	16.70	0.10	1.2	0.082	3.14	20.0	41.4	0.62	1300	1.09	0.44	8.2
K271652		3.92	18.3	4.33	18.20	0.05	0.7	0.315	1.35	3.1	14.4	0.96	1600	8.17	0.20	5.0
K271653		15.20	165.5	4.50	11.05	0.05	0.7	0.560	1.92	10.2	27.1	0.66	3010	38.0	0.05	4.9
K271655		10.50	13.4	3.29	17.00	0.18	1.1	0.080	3.26	24.3	29.1	0.72	1660	2.33	0.28	8.4
K271113		0.23	3.5	0.46	0.51	0.14	<0.1	0.006	0.04	0.7	1.5	12.30	218	0.27	0.01	0.4
K271704		19.90	6.4	2.49	19.85	0.17	3.5	0.032	2.51	21.8	38.2	0.89	689	1.53	0.04	10.3
K271705		21.2	31.3	2.43	19.40	0.24	3.3	0.328	2.41	23.9	31.3	0.79	626	2.31	0.05	10.3
K271706		19.80	169.5	3.41	16.20	0.21	1.3	1.205	3.16	21.3	39.4	0.54	608	1.91	0.73	7.8
K271716		19.85	34.9	2.65	17.55	0.22	1.2	0.230	2.36	22.8	55.6	0.59	695	4.37	0.09	9.0
K271718		21.5	11.7	2.82	17.05	0.24	1.1	0.104	2.23	23.7	102.0	0.79	1040	1.50	0.08	8.5
K271719		30.5	69.0	3.94	16.15	0.23	1.3	0.365	2.66	22.8	40.7	0.57	877	5.76	0.02	8.1
K271720		19.55	8.8	2.83	16.90	0.24	1.1	0.049	2.41	21.5	48.2	0.67	708	1.78	0.61	8.5
K271721		18.00	30.2	2.72	17.30	0.19	1.1	0.069	2.33	20.8	50.2	0.61	1400	1.63	0.08	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063512

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
K271291		5.1	1020	27.1	71.8	0.003	0.04	10.70	4.8	1	1.7	493	0.77	<0.05	9.3	0.301
K272008		2.7	570	1065	183.0	<0.002	3.45	10.50	10.2	<1	5.5	80.7	0.60	0.28	13.2	0.220
K272009		2.0	450	>10000	148.5	<0.002	4.19	98.3	8.0	1	5.6	73.5	0.47	0.11	10.3	0.187
K272010		2.2	570	74.3	169.0	<0.002	1.22	6.97	10.2	1	2.8	198.0	0.62	0.36	15.3	0.231
K272026		19.6	620	76.2	86.5	<0.002	0.19	16.10	5.8	<1	1.7	451	0.72	<0.05	10.5	0.248
K272027		5.3	440	2210	143.5	<0.002	4.15	57.7	7.9	<1	6.3	117.5	0.48	0.13	10.0	0.187
G006273		63.0	410	>10000	13.9	0.035	>10.0	278	3.1	241	107.5	38.3	0.09	0.83	1.1	0.042
K272028		1.7	320	>10000	113.0	<0.002	8.74	334	5.7	4	12.0	42.9	0.32	0.16	6.4	0.123
K272029		2.4	640	540	169.5	<0.002	2.67	12.60	11.5	<1	3.3	121.0	0.58	0.22	9.8	0.262
K272031		2.4	700	56.2	102.5	<0.002	1.67	6.83	12.7	1	2.9	232	0.73	0.29	12.4	0.290
K272032		2.7	660	217	93.5	<0.002	0.46	8.67	11.6	<1	2.3	389	0.66	0.08	12.8	0.277
K272033		2.5	640	39.9	88.6	<0.002	0.18	1.97	10.0	1	2.2	388	0.65	<0.05	11.9	0.269
K272034		2.3	630	28.1	103.5	0.002	0.64	9.13	10.7	2	2.2	342	0.65	0.13	13.1	0.270
K272035		2.5	650	1090	137.0	<0.002	1.44	14.70	10.8	2	2.7	253	0.61	0.29	12.1	0.258
K272036		4.5	600	1465	200	<0.002	4.37	5.65	8.9	1	4.5	31.2	0.41	1.20	11.4	0.172
K272037		4.4	610	2650	190.0	<0.002	4.89	8.62	10.3	1	5.8	30.9	0.36	1.52	10.4	0.182
K272038		3.3	520	244	196.5	0.002	3.61	3.70	9.0	<1	2.8	46.2	0.50	0.89	12.8	0.187
G006274		12.2	860	9610	61.4	0.019	1.67	154.5	7.4	4	332	699	0.40	0.13	4.9	0.229
K271636		2.5	590	29.4	118.0	<0.002	0.08	4.04	9.3	1	1.9	336	0.69	<0.05	12.7	0.250
K271637		3.5	630	1450	145.5	<0.002	1.48	32.4	9.5	<1	3.2	271	0.65	0.14	12.4	0.248
K271638		12.5	740	30.7	87.5	0.004	0.07	11.50	5.8	2	1.8	468	0.69	<0.05	10.7	0.266
K271639		2.1	360	6460	102.0	<0.002	7.54	194.0	6.6	1	18.3	66.6	0.41	0.19	7.7	0.151
K271641		5.9	860	2100	107.5	<0.002	2.27	70.0	7.9	1	6.3	224	0.62	0.07	9.8	0.266
K271642		2.2	590	153.0	111.5	<0.002	0.29	13.20	10.0	<1	3.0	159.0	0.67	<0.05	11.9	0.244
K271652		1.5	360	845	84.3	<0.002	2.04	29.1	11.1	<1	2.9	128.0	0.37	0.10	9.8	0.158
K271653		2.5	350	1505	100.5	0.004	3.32	165.5	6.5	<1	3.1	74.8	0.38	0.26	7.7	0.141
K271655		2.5	560	94.1	147.0	<0.002	1.47	13.60	11.8	<1	3.2	101.0	0.67	0.20	11.3	0.260
K271113		<0.2	220	6.2	1.6	<0.002	0.02	0.61	0.4	<1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005
K271704		3.3	700	18.8	108.5	<0.002	0.17	25.8	7.9	<1	1.3	314	0.76	<0.05	8.1	0.284
K271705		3.7	700	843	117.5	<0.002	0.53	30.1	8.6	<1	1.8	292	0.78	<0.05	9.0	0.279
K271706		2.1	510	6230	139.5	<0.002	1.54	45.4	9.9	1	3.2	217	0.63	0.19	11.3	0.229
K271716		2.4	580	553	93.0	<0.002	0.46	20.4	11.3	<1	2.3	130.0	0.68	0.43	12.2	0.265
K271718		2.3	540	170.0	95.5	<0.002	0.21	15.80	11.2	<1	1.7	149.0	0.63	0.15	12.6	0.248
K271719		2.4	510	1600	150.5	<0.002	3.30	45.5	9.7	<1	2.7	122.5	0.64	0.32	11.1	0.238
K271720		2.3	560	23.1	102.5	<0.002	0.12	7.55	11.1	<1	1.7	191.0	0.65	<0.05	11.6	0.252
K271721		2.6	580	145.5	92.8	<0.002	0.39	14.00	10.5	<1	2.0	143.0	0.67	<0.05	11.1	0.258

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063512

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	1	0.1	0.1	2	0.5
K271291		1.04	4.6	52	1.4	8.7	151	133.5
K272008		2.80	4.5	64	3.4	12.1	620	31.2
K272009		2.85	3.6	53	4.7	9.6	>10000	25.3
K272010		2.32	4.7	65	2.5	15.6	116	37.3
K272026		1.90	6.7	50	1.5	11.6	149	156.5
K272027		2.42	6.3	52	5.0	7.7	2720	39.1
G006273		36.5	4.1	61	1.7	7.1	>10000	17.6
K272028		2.08	4.1	38	4.2	7.4	>10000	21.0
K272029		2.93	4.1	73	4.7	14.5	1020	27.7
K272031		1.67	4.4	82	6.0	17.1	107	33.4
K272032		1.24	4.4	78	1.8	17.0	228	33.9
K272033		1.13	3.6	74	1.6	15.6	66	28.2
K272034		1.19	4.3	74	2.3	15.7	273	31.1
K272035		2.14	4.0	74	4.7	14.4	1010	30.1
K272036		2.65	5.1	58	14.2	7.3	3130	37.5
K272037		2.81	5.1	68	8.8	6.5	8530	67.3
K272038		2.59	4.8	58	3.6	10.6	291	24.2
G006274		3.64	1.1	80	18.1	11.0	7360	15.2
K271636		1.58	3.9	68	1.6	14.4	65	32.2
K271637		2.48	4.5	65	2.9	13.8	2230	46.7
K271638		1.60	3.9	50	2.2	11.3	97	105.5
K271639		1.96	2.3	42	3.9	8.4	>10000	22.3
K271641		2.19	4.3	60	3.4	12.3	5330	97.6
K271642		2.30	3.2	68	2.6	14.6	252	33.4
K271652		1.10	3.3	123	2.8	5.9	2480	20.6
K271653		1.68	6.8	45	2.9	8.3	4710	20.4
K271655		2.27	4.3	72	4.8	14.2	667	28.2
K271113		0.02	0.5	3	0.1	0.8	28	<0.5
K271704		3.03	5.3	67	5.7	14.1	82	126.5
K271705		4.03	6.1	67	6.3	13.9	1660	114.5
K271706		2.07	5.5	60	3.1	13.6	8520	36.2
K271716		1.63	3.6	70	4.0	15.4	745	32.8
K271718		1.81	4.2	68	5.1	16.7	209	28.4
K271719		3.39	5.0	63	5.8	13.4	1850	34.5
K271720		1.94	3.5	67	2.9	15.0	60	29.3
K271721		2.41	3.2	70	3.6	14.8	428	29.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063512

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-MAR-2012
Account: ROCKHA

CERTIFICATE WH12063513

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

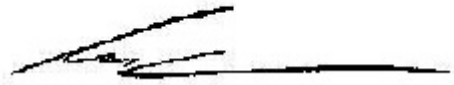
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063513

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Pb ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829055		291	647				1.420
L829056		12.9	23.4				
L829063		80.4	1720				
L829064		3660	890	117			
L829065		132.5	402				
L829078		35.2	86.5				
L829079		308	1105				
G0561933		>10000	>10000	159	1.255	1.480	9.32
L829081		72.2	99.8				
L829082		1950	1270				
L829083		9.4	26.7				
L829102		11.9	21.2				
L829103		63.9	410				
L829104		5.5	39.6				
L829109		15.7	398				
L829110		170.0	1310				
L829112		10.4	49.1				
L829153		36.0	540				
L829154		2570	1960				
L829155		125.5	336				
G0561934		4740	9590	101			
L829156		44.8	178.0				
L829158		45.8	599				
L829159		74.6	1000				
L829160		94.0	1110				
L829161		6.6	249				
L829162		8.2	202				
L829163		7.8	169.0				
L829164		5.7	130.5				
L829165		20.6	424				
L829166		4.1	19.4				
L829167		12.9	27.8				
K272390		1.7	2.3				
L829168		25.0	26.7				
L829169		102.0	438				
L829171		5.0	8.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-MAR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063513

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-APR-2012
Account: ROCKHA

CERTIFICATE WH12063514

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-25	Wt. of Crushed Reject
SPL-21	Split sample - riffle splitter
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063514

Sample Description	Method / Analyte / Units / LOR	WEI-25 Reject W kg 0.001	ME-MS61 Ag ppm 0.01
K271373		5.49	0.59
K271374		6.11	0.84
K271375		6.60	37.1
K271376		2.09	0.06
K271377		5.83	0.49
K271378		2.51	5.91
K271379		6.38	1.37
K271380		9.35	4.64
K271381		<0.001	NSS
K271382		7.85	0.17
K271383		7.74	0.11
K271384		7.67	0.07
K271385		9.26	0.13
K271386		4.69	6.50
K271387		5.52	33.5
K271388		0.080	0.06
K271389		2.98	13.25
K271390		4.10	3.86
K271391		7.48	10.05
K271392		3.87	0.19
K271393		6.45	7.12
K271394		5.91	1.37
K271395		1.620	8.17
K271396		10.25	0.28
K271397		4.67	0.28
K271398		8.79	0.30
K271399		9.41	3.14
K271400		8.91	1.95
K271401		6.34	16.45
K271402		<0.001	NSS
K271403		11.90	7.58
K271404		4.85	0.74
K271405		5.23	4.62
K271406		8.43	0.75
K271407		9.34	1.86
K271408		8.46	0.93

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063514

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-APR-2012
Account: ROCKHA

CERTIFICATE WH12063517

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
WEI-25	Wt. of Crushed Reject
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

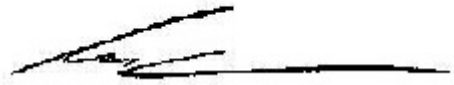
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-APR-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12063517

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	WEI-25 Reject W kg 0.001
K271073		22.4				3.51
K271074		0.22				1.080
K271075		4.30				6.17
K271076		12.50				3.97
K271077		1.81				10.60
K271078		0.23				9.32
K271079		0.98				8.37
K271080		7.35				5.69
K271081		0.36				7.25
K271082		NSS				<0.001
K271083		0.15				5.10
K271084		0.82				4.15
K271085		0.15				6.51
K271086		0.80				5.39
K271087		1.59				12.15
K271088		1.00				6.38
K271089		3.44				4.63
K271090		0.37				6.81
K271091		0.09				11.15
K271092		0.05				11.50
K271093		0.03				11.10
K271094		0.32				4.98
K271095		3.63				8.30
K271096		10.10				4.42
K271097		0.26				2.79
K271098		>100	106	1.575	1.655	2.23
K271099		0.17				2.40
K271100		26.9				5.23
K271101		2.14				3.07
K271102		0.35				9.43
K271103		NSS				<0.001
K271104		0.38				5.23
K271105		15.45				7.81
K271106		0.24				5.18
K271107		0.90				7.45
K271108		0.05				8.38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 5-APR-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12063517

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

CERTIFICATE WH12063518

Project: Klaza-DDH-23

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
WEI-25	Wt. of Crushed Reject
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

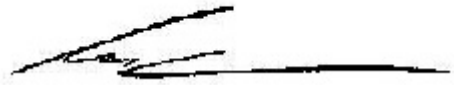
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza-DDH-23

CERTIFICATE OF ANALYSIS WH12063518

Sample Description	Method Analyte Units LOR	WEI-25 Reject W kg 0.001	ME-MS61 Ag ppm 0.01	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272419		3.89	2.59				
K272420		4.14	77.9				
K272422		3.11	>100	223		3.55	
K272423		5.64	1.89				
K272478		3.60	8.51				
K272479		1.650	>100	225		1.655	4.71
K272481		0.820	0.82				
K271423		1.730	0.30				
K272521		2.78	0.24				
K272522		2.01	20.7				
K272523		1.690	0.73				
K272524		1.380	0.48				
K272525		0.830	18.55				
K272526		4.26	0.61				
K272527		6.74	0.47				
K272528		5.96	0.18				
G0557546			95.8				
K272529		1.790	71.1				2.16
K272530		1.870	8.85				
K272531		2.31	13.15				
K272533		1.010	0.12				
K272607		3.34	1.08				
K272608		3.94	26.6				
K272610		3.66	0.60				
K272664		3.50	0.29				
K272665		2.42	20.9				
K272666		2.02	0.27				
K270108		2.60	1.28				
K270109		2.34	24.3				
K270110		2.58	>100	689		2.37	1.085
G0557547			>100	165	1.315	1.565	9.33
K270112		2.91	>100	201		2.45	1.890
K270113		3.76	10.75				
K270114		1.870	2.40				
K270115		4.01	49.3				
K270117		4.76	0.48				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-APR-2012
Account: ROCKHA

Project: Klaza-DDH-23

CERTIFICATE OF ANALYSIS WH12063518

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133934

Project: Klaza - 64

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

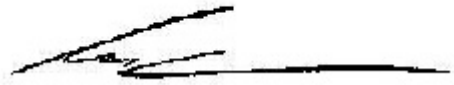
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133934

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828001		4.93	0.033	2.11	7.00	107.5	900	1.60	0.65	2.22	18.60	32.6	3.4	10	8.52	63.2
N828002		11.57	0.062	0.76	6.45	43.4	720	1.32	0.53	2.37	12.10	29.0	6.2	13	6.35	11.1
N828003		13.12	0.049	0.83	7.02	40.8	560	1.25	0.67	1.64	12.90	30.4	5.0	9	8.48	20.6
N828004		7.40	0.035	2.50	6.33	68.2	420	1.29	2.64	2.73	9.16	20.4	10.7	13	7.49	76.3
N828005		0.31	2.16	25.0	6.14	3450	870	1.20	18.15	2.26	75.1	41.6	11.4	19	15.40	442
N828006		5.44	0.006	0.67	6.07	17.1	340	1.25	0.77	3.28	0.26	20.5	12.8	12	7.74	40.9
N828007		7.11	0.006	0.64	6.47	12.2	420	1.62	0.58	4.04	0.58	19.05	9.1	11	9.40	10.9
N828008		3.08	0.006	0.72	6.62	12.5	430	1.64	0.61	4.17	2.56	18.40	8.7	10	9.47	15.8
N828009		5.27	0.018	0.80	6.58	12.9	620	1.41	0.79	3.62	0.45	20.9	11.3	11	15.90	23.3
N828010		10.19	0.007	0.84	7.23	19.4	710	1.83	0.62	4.43	0.28	20.0	3.2	9	13.35	112.0
N828011		11.11	<0.005	0.62	7.24	15.9	260	1.58	0.47	3.79	0.10	22.8	3.3	10	14.75	142.5
N828012		11.67	<0.005	0.38	7.12	12.2	310	1.55	0.41	4.20	0.19	24.2	4.7	11	14.05	42.9
N828013		0.31	4.42	>100	5.62	7940	330	0.99	50.9	1.97	227	30.7	9.3	18	11.60	1260
N828014		10.78	<0.005	0.26	7.43	13.7	270	1.43	0.45	4.08	0.22	32.1	2.1	13	13.45	13.8
N828015		4.50	0.005	0.27	7.32	18.6	500	1.49	0.43	4.68	0.74	31.2	1.7	10	12.70	6.4
N828016		2.80	0.083	2.40	7.11	62.0	920	1.31	0.65	4.11	35.3	34.6	3.7	8	13.60	44.6
N828017		3.91	<0.005	0.02	0.08	5	20	0.05	0.02	21.4	0.10	1.24	1.4	2	0.27	2.3
N828018		2.97	<0.005	0.09	7.33	10.2	440	1.44	0.25	3.74	0.18	29.6	1.3	10	11.10	4.6
N828019		9.10	<0.005	0.37	7.48	10.8	450	1.46	0.53	4.38	0.40	29.2	1.4	11	11.30	20.8
N828020		11.04	0.124	0.30	7.80	9.5	430	1.44	0.27	3.71	0.24	36.3	1.9	13	12.25	33.5
N828021		4.32	0.015	0.97	7.35	43.4	1600	1.38	0.61	2.82	6.31	41.1	5.0	10	12.55	52.0
N828022		3.77	0.341	4.83	6.82	1160	580	1.29	7.39	1.51	12.20	68.0	7.0	9	13.25	107.0
N828023		2.94	0.032	0.85	7.97	93.6	1310	1.95	1.07	2.96	0.98	71.3	8.5	23	29.5	21.4
N828024		4.02	0.735	5.76	7.52	214	740	1.61	4.90	1.73	52.8	39.2	3.4	9	18.80	109.0
N828025		1.67	<0.005	0.02	0.09	<5	20	<0.05	0.03	21.7	0.14	1.29	1.3	1	0.27	1.8
N828026		3.78	0.174	1.47	7.40	33.2	610	1.42	1.72	3.34	5.70	39.1	2.0	10	18.20	23.8
N828027		6.97	0.047	2.09	7.52	120.0	1370	1.34	1.64	2.45	21.7	50.5	5.5	10	21.2	41.9
N828028		4.00	2.37	28.3	6.67	1270	430	1.38	12.45	1.51	255	44.7	5.2	8	14.75	787
N828029		3.82	0.025	1.17	7.84	100.0	1890	1.58	0.41	1.97	11.70	50.3	6.3	11	13.90	17.7
N828030		4.70	<0.005	0.16	8.16	6.8	2420	1.53	0.16	2.80	0.41	48.4	6.1	11	12.90	10.7
N828031		2.37	<0.005	0.11	7.65	6.6	2070	1.55	0.22	2.97	0.18	40.5	5.1	9	12.60	10.7
N828032		3.97	0.354	6.14	7.19	2250	780	1.44	3.69	2.04	46.9	64.4	4.7	8	14.00	132.0
N828033		2.25	<0.005	0.03	0.09	<5	20	0.06	0.02	21.5	0.12	1.11	1.2	<1	0.13	2.0
N828034		4.30	<0.005	0.13	7.12	15.7	1200	1.35	0.19	2.95	0.23	38.1	6.1	10	8.69	2.1
N828035		<0.02	<0.005	0.11	7.44	13.5	1200	1.40	0.17	2.94	0.18	44.8	6.0	9	8.90	3.8
N828036		3.83	<0.005	0.09	7.59	7.1	1820	1.36	0.13	3.04	0.32	41.1	5.7	9	6.92	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133934

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828001		2.51	17.00	0.16	0.9	0.440	2.46	14.1	45.8	0.62	1220	5.86	0.21	7.3	2.7	550
N828002		1.74	17.80	0.13	0.9	0.489	2.19	11.1	32.1	0.55	809	9.79	0.15	5.7	3.7	440
N828003		2.08	15.60	0.08	0.9	0.398	2.66	11.2	30.6	0.42	1070	2.11	0.11	6.3	3.2	520
N828004		2.54	15.55	0.14	0.8	0.386	2.28	6.7	24.3	0.47	1040	31.3	0.14	6.4	9.0	480
N828005		6.89	14.15	0.21	0.9	1.755	2.63	24.9	22.2	0.92	1900	12.95	0.04	6.0	16.0	450
N828006		2.47	14.65	0.13	0.7	0.133	1.44	7.5	17.8	0.59	786	19.95	0.26	5.3	10.5	400
N828007		2.07	17.00	0.12	0.8	0.129	2.14	6.6	13.1	0.34	1140	5.61	0.40	7.3	7.9	580
N828008		2.17	17.70	0.13	0.9	0.171	2.25	6.2	13.0	0.36	1240	11.70	0.43	7.2	7.9	550
N828009		2.35	15.65	0.12	0.8	0.239	1.92	8.3	15.9	0.84	973	12.35	0.26	5.7	10.1	580
N828010		2.51	17.45	0.13	1.2	0.283	1.65	6.8	19.6	0.60	1160	72.9	0.45	6.5	4.2	640
N828011		1.91	16.50	0.14	0.9	0.246	0.75	8.5	16.6	0.84	775	3.42	1.20	7.1	5.8	560
N828012		1.57	17.00	0.12	0.8	0.153	0.89	8.4	22.0	0.87	751	12.60	1.12	7.2	7.8	550
N828013		8.12	12.35	0.19	1.0	4.58	2.25	17.4	28.4	0.63	3060	14.50	0.08	5.3	13.8	460
N828014		1.08	18.15	0.11	1.0	0.088	0.48	12.4	20.7	0.82	551	0.89	2.60	8.4	2.7	600
N828015		1.33	17.80	0.13	1.0	0.145	1.33	11.7	25.4	0.73	1400	2.75	1.74	8.3	1.9	610
N828016		2.51	16.45	0.15	0.9	1.565	2.15	14.9	22.0	0.75	2520	1.53	0.56	7.3	2.7	530
N828017		0.48	0.27	0.07	<0.1	0.006	0.03	0.6	1.0	13.35	215	0.14	0.01	0.3	2.2	200
N828018		1.32	18.10	0.09	1.2	0.176	0.75	13.2	11.5	0.59	510	0.32	2.92	9.1	2.8	660
N828019		1.40	17.15	0.12	0.8	0.147	1.38	11.3	10.1	0.66	864	0.32	1.89	7.4	1.5	560
N828020		2.18	18.00	0.13	0.9	0.284	0.89	16.3	13.2	0.87	647	0.43	2.91	8.1	2.0	670
N828021		3.34	15.80	0.15	0.9	0.403	2.69	22.4	11.0	0.79	1480	2.81	1.52	7.4	2.4	610
N828022		7.78	16.30	0.20	0.7	0.839	3.03	42.1	12.7	0.72	2570	1.43	0.06	6.2	2.2	520
N828023		3.78	20.2	0.17	4.1	0.075	2.19	37.6	29.7	0.88	744	2.84	0.66	11.7	9.3	1440
N828024		4.65	17.15	0.17	1.0	1.565	3.22	18.5	9.2	0.81	2700	1.28	0.04	7.4	2.2	580
N828025		0.48	0.30	0.06	<0.1	0.006	0.03	0.6	0.8	13.55	221	0.12	0.01	0.3	1.7	170
N828026		2.22	17.05	0.11	1.0	0.246	2.21	18.9	42.2	0.79	929	0.39	0.18	7.9	1.8	590
N828027		3.30	16.65	0.16	1.1	0.460	2.73	29.3	47.2	0.91	1160	2.22	0.07	7.5	2.2	560
N828028		5.52	13.90	0.15	1.0	5.58	2.88	26.2	9.5	0.70	2640	1.45	0.03	6.2	2.1	480
N828029		3.44	16.80	0.16	1.3	0.362	2.88	29.9	14.9	0.68	1040	1.96	1.40	8.2	2.4	550
N828030		3.12	16.55	0.11	1.4	0.045	2.85	24.0	9.9	0.79	615	3.02	2.29	8.4	3.0	590
N828031		2.96	16.40	0.10	1.2	0.054	2.63	19.6	8.6	0.68	561	5.57	2.12	8.1	2.6	570
N828032		4.38	15.05	0.13	1.3	0.993	2.78	35.4	36.3	0.57	1350	3.14	0.13	6.9	2.1	430
N828033		0.50	0.22	<0.05	<0.1	0.005	0.02	0.5	1.0	13.50	229	0.11	0.01	0.3	1.6	170
N828034		2.11	16.35	0.09	1.1	0.048	2.62	17.5	27.9	0.66	695	2.47	0.09	6.4	3.0	520
N828035		2.13	16.30	0.11	1.1	0.045	2.58	21.5	27.2	0.68	690	4.73	0.09	6.2	2.9	540
N828036		1.83	16.60	0.11	1.1	0.049	2.45	20.0	24.7	0.76	723	4.16	0.10	6.6	2.2	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133934

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828001		581	145.5	0.005	0.34	14.15	10.1	1	2.7	95.5	0.63	0.06	13.1	0.216	2.45	3.7
N828002		156.0	148.0	0.010	0.28	7.64	8.6	1	2.0	84.6	0.55	<0.05	11.8	0.171	2.18	3.7
N828003		240	140.5	0.002	0.40	14.90	9.0	1	2.2	71.3	0.64	0.05	13.4	0.206	2.72	2.8
N828004		164.5	112.0	0.041	1.10	25.3	9.1	1	2.6	103.5	0.56	0.21	11.0	0.196	2.41	4.0
N828005		2830	155.5	0.002	4.95	84.9	8.2	1	7.3	87.9	0.53	0.36	11.3	0.183	2.35	5.4
N828006		25.7	92.1	0.030	0.82	8.96	8.1	1	2.5	104.5	0.48	0.17	11.8	0.167	1.38	4.9
N828007		52.6	93.3	0.010	0.59	4.35	9.1	1	3.3	117.5	0.62	0.14	9.9	0.223	2.20	3.7
N828008		144.0	91.8	0.022	0.61	4.16	9.0	1	3.6	121.5	0.63	0.13	10.2	0.227	2.41	4.1
N828009		53.8	106.5	0.019	0.68	7.22	9.2	1	3.6	160.5	0.52	0.15	10.9	0.181	1.86	3.1
N828010		28.2	87.7	0.031	0.30	9.27	11.6	1	3.5	138.5	0.56	0.15	11.8	0.226	1.77	3.2
N828011		13.0	49.1	0.003	0.24	7.97	10.6	1	3.0	208	0.63	0.08	14.0	0.210	0.88	3.4
N828012		15.0	53.2	0.016	0.31	5.51	10.7	1	2.6	206	0.63	0.07	13.9	0.210	1.03	3.2
N828013		9500	123.5	0.002	7.16	209	7.1	2	7.7	114.0	0.47	0.40	8.9	0.183	2.12	5.1
N828014		17.8	25.9	<0.002	0.06	3.15	10.9	1	1.8	353	0.73	<0.05	14.2	0.254	0.48	2.8
N828015		51.4	64.1	0.003	0.08	4.37	10.4	1	2.0	282	0.77	<0.05	12.8	0.249	1.46	4.2
N828016		451	115.0	<0.002	0.89	9.69	9.9	1	2.5	141.5	0.63	<0.05	13.4	0.220	2.27	3.9
N828017		2.9	1.8	<0.002	0.03	0.06	0.2	1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828018		14.7	33.1	<0.002	0.01	3.23	10.5	1	2.6	376	0.82	<0.05	11.2	0.276	0.88	3.4
N828019		32.0	69.5	<0.002	0.08	3.37	10.2	1	2.4	292	0.60	<0.05	9.8	0.245	1.41	3.0
N828020		17.9	53.4	<0.002	0.04	3.77	11.3	1	3.2	396	0.64	<0.05	10.8	0.268	0.98	3.4
N828021		194.0	114.0	<0.002	0.38	4.76	9.9	1	2.8	267	0.64	0.06	10.5	0.250	1.93	4.0
N828022		337	191.0	0.002	5.14	10.55	9.8	1	5.0	44.6	0.50	0.24	11.1	0.202	2.81	4.0
N828023		45.8	83.0	<0.002	0.85	10.30	7.0	1	1.7	441	0.78	0.05	9.9	0.370	1.20	4.7
N828024		1100	213	<0.002	2.51	10.05	11.6	1	7.0	73.2	0.65	0.05	13.3	0.246	3.22	4.7
N828025		3.5	1.9	<0.002	0.03	0.07	0.2	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828026		273	93.7	<0.002	0.27	8.86	9.8	1	3.0	111.0	0.76	<0.05	12.2	0.250	1.89	5.4
N828027		492	144.0	<0.002	0.71	9.34	10.3	1	2.9	110.5	0.70	<0.05	14.2	0.240	2.14	5.0
N828028		2290	173.5	<0.002	3.90	39.5	8.9	2	5.1	53.2	0.63	0.06	12.5	0.200	2.81	5.5
N828029		302	141.0	<0.002	0.51	5.17	10.9	1	2.5	231	0.80	<0.05	15.2	0.248	1.53	4.8
N828030		26.4	111.0	<0.002	0.04	2.65	10.8	1	1.8	361	0.76	<0.05	12.9	0.268	1.23	4.0
N828031		20.1	107.5	<0.002	0.06	3.06	9.9	1	1.7	346	0.73	<0.05	11.4	0.252	1.33	3.6
N828032		1780	164.5	<0.002	2.68	18.95	8.7	1	3.7	84.3	0.72	0.12	19.9	0.193	2.49	5.9
N828033		6.9	1.2	<0.002	0.03	0.06	0.2	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828034		10.9	119.0	<0.002	0.29	8.07	9.4	1	1.7	84.7	0.57	<0.05	10.8	0.216	2.12	3.8
N828035		8.2	129.0	<0.002	0.28	8.11	10.0	1	1.7	85.1	0.57	<0.05	12.7	0.215	2.07	4.1
N828036		9.5	103.0	<0.002	0.13	9.24	9.6	1	1.5	72.2	0.59	<0.05	12.6	0.213	1.79	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133934

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N828001		69	2.4	11.7	1350	25.8		
N828002		91	1.8	9.2	781	23.2		
N828003		66	2.5	9.1	1180	23.4		
N828004		67	2.6	9.2	996	23.2		
N828005		56	5.3	9.4	5310	26.1		
N828006		62	1.6	11.4	69	20.5		
N828007		64	1.8	10.2	102	25.4		
N828008		68	1.9	9.8	327	26.3		
N828009		70	3.8	11.7	80	23.6		
N828010		68	2.3	15.0	88	39.4		
N828011		54	1.0	16.3	54	25.6		
N828012		65	1.3	17.6	52	24.0		
N828013		52	4.4	8.5	>10000	30.5	112	1.590
N828014		70	0.6	15.9	54	29.4		
N828015		67	0.9	14.8	93	28.0		
N828016		60	1.3	12.8	2520	26.5		
N828017		<1	0.1	0.8	22	<0.5		
N828018		75	0.8	14.4	51	32.8		
N828019		62	1.4	13.8	74	24.6		
N828020		76	2.2	15.9	70	25.1		
N828021		71	1.9	12.9	560	24.6		
N828022		55	5.2	10.7	1160	20.5		
N828023		68	1.1	11.2	131	173.5		
N828024		66	4.3	11.4	3910	27.9		
N828025		1	0.1	0.7	23	0.7		
N828026		68	2.0	13.5	421	27.5		
N828027		64	3.5	13.4	1520	30.0		
N828028		54	3.8	10.9	>10000	25.0		1.705
N828029		66	2.4	14.5	872	35.9		
N828030		73	1.5	16.2	70	35.3		
N828031		70	1.5	14.1	44	31.1		
N828032		55	3.4	12.3	3080	32.2		
N828033		2	0.1	0.8	22	<0.5		
N828034		71	1.1	11.0	47	27.8		
N828035		71	1.1	12.3	44	27.6		
N828036		67	1.4	11.5	45	28.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133934

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133935

Project: Klaza - 64

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133935

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828037		4.00	<0.005	0.12	7.73	11.2	1710	1.34	0.28	2.40	0.14	38.5	5.1	9	11.55	4.2
N828038		3.64	<0.005	0.08	7.07	7.0	1230	1.31	0.17	2.81	0.13	33.5	3.6	11	12.40	3.2
N828039		4.10	<0.005	0.11	7.55	14.7	1740	1.43	0.18	2.49	0.18	45.4	4.2	8	15.65	3.9
N828040		0.25	4.42	>100	5.71	8440	1210	0.94	57.4	2.01	232	36.9	8.9	16	11.40	1280
N828041		2.40	<0.005	0.21	6.92	14.2	1320	1.18	0.43	2.53	0.25	41.8	11.9	13	11.60	6.9
N828042		2.61	<0.005	0.30	7.87	30.4	2340	1.46	0.36	2.09	0.24	48.0	8.4	8	20.7	12.8
N828043		4.25	0.015	1.83	8.21	11.6	1360	1.39	0.67	1.83	10.55	45.2	2.4	9	17.60	12.2
N828044		2.79	0.053	6.25	7.98	19.5	1900	1.49	5.02	1.87	30.3	34.2	18.6	10	18.35	36.6
N828045		3.37	<0.005	0.82	8.04	16.4	460	1.43	0.84	2.01	1.89	35.5	6.2	9	20.4	28.1
N828046		3.51	0.017	2.42	7.83	26.3	1160	1.55	2.30	1.66	0.68	42.4	19.6	8	8.88	66.4
N828047		4.20	<0.005	0.19	8.06	7.5	800	1.74	0.45	3.01	0.12	37.0	16.6	9	10.15	4.7
N828048		1.58	<0.005	0.19	7.99	9.6	840	1.75	0.42	2.79	0.10	37.3	13.7	9	9.35	3.4
N828049		3.77	<0.005	0.36	8.74	13.1	850	1.48	0.49	2.13	0.19	52.0	15.5	10	7.97	30.6
N828050		3.71	0.010	1.16	8.48	15.2	770	1.35	1.12	2.86	6.08	42.6	25.4	10	7.28	8.4
N828051		3.88	0.010	1.27	8.02	15.2	750	1.52	1.53	2.45	2.56	38.2	31.5	10	7.45	6.8
N828052		2.29	0.014	1.11	8.46	24.5	670	1.61	1.62	3.10	0.49	40.3	33.0	10	8.02	5.9
N828053		3.25	0.013	0.62	8.32	13.5	500	1.66	0.91	3.07	0.29	38.6	17.9	10	8.52	3.1
N828054		3.19	<0.005	0.23	8.34	8.2	270	1.64	0.22	3.07	0.12	39.1	1.1	9	9.02	1.9
N828055		0.23	4.37	>100	6.04	9200	420	1.06	63.5	2.15	247	35.1	9.8	19	12.00	1390
N828056		3.24	<0.005	0.14	8.56	8.4	540	1.54	0.20	1.48	0.28	40.4	0.8	10	9.62	2.7
N828057		4.42	<0.005	0.13	7.78	6.3	380	1.30	0.16	2.67	0.26	30.5	0.8	9	6.95	2.4
N828058		<0.02	<0.005	0.15	7.62	6.3	380	1.35	0.18	2.63	0.28	28.8	0.8	11	6.83	2.3
N828059		4.04	<0.005	0.38	7.84	15.3	430	1.40	0.21	2.23	1.23	28.1	0.7	9	10.75	4.8
N828060		3.85	0.035	2.51	8.29	53.1	640	1.32	0.31	1.59	15.55	37.5	1.5	10	10.00	52.2
N828061		4.06	<0.005	0.12	7.89	15.4	1060	1.66	0.14	2.65	0.37	45.0	3.3	10	10.70	18.7
N828062		1.59	2.30	63.5	6.37	2180	660	1.10	73.5	0.79	31.6	39.1	6.6	10	10.60	2150
N828063		2.66	<0.005	0.07	0.11	<5	20	0.06	0.10	21.6	0.09	1.33	1.2	1	0.31	3.9
N828064		4.05	0.138	5.42	8.12	154.0	770	1.40	6.06	0.74	25.1	57.5	3.8	10	11.40	78.4
N828065		4.20	4.59	13.25	6.52	3490	670	1.21	17.05	1.01	55.5	45.1	5.9	9	10.80	226
N828066		3.19	2.00	7.14	7.37	1710	440	1.67	9.34	1.12	19.05	53.3	4.4	11	12.90	68.5
N828067		4.04	0.011	0.19	6.81	27.8	1740	1.69	0.24	2.61	0.93	32.4	4.5	11	14.55	7.4
N828068		2.90	<0.005	0.11	6.61	11.5	2100	1.37	0.17	3.57	0.19	27.6	4.2	10	15.90	3.2
N828069		4.53	<0.005	0.02	0.07	11	20	0.07	0.03	21.4	0.09	1.21	0.8	1	0.17	1.9
N828070		4.05	0.029	0.38	6.79	40.6	1750	1.47	0.24	2.87	2.85	29.6	4.8	12	19.05	12.1
N828071		3.62	<0.005	0.08	7.43	13.2	2100	1.89	0.18	2.76	0.13	39.7	5.2	11	17.90	2.6
N828072		4.01	0.086	0.89	6.87	464	1580	1.55	0.53	2.29	3.61	37.3	4.6	11	16.80	8.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133935

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828037		2.62	17.05	0.10	1.3	0.054	1.71	18.1	32.9	0.48	476	1.33	0.42	7.9	2.9	580
N828038		2.69	16.85	0.10	1.3	0.046	1.74	15.0	24.5	0.25	349	1.09	0.91	8.2	2.2	560
N828039		2.63	16.55	0.12	1.3	0.059	1.91	22.7	83.2	0.57	701	1.44	0.11	7.9	2.5	570
N828040		8.33	12.50	0.18	1.1	4.52	2.21	19.5	27.4	0.64	3120	14.25	0.08	5.4	14.2	430
N828041		2.46	13.95	0.10	1.0	0.058	1.71	20.7	71.2	0.82	834	0.99	0.08	6.9	3.3	530
N828042		2.53	17.15	0.11	1.3	0.031	2.03	23.9	100.5	0.55	614	1.93	0.07	8.1	2.9	640
N828043		2.28	16.65	0.13	0.9	0.415	2.57	19.0	106.0	0.65	1500	0.76	0.13	7.0	2.1	560
N828044		3.67	16.95	0.14	0.8	0.905	3.21	12.8	23.1	0.76	1620	0.85	0.12	6.9	7.5	470
N828045		1.48	17.10	0.08	0.9	0.163	1.02	13.1	68.3	0.58	731	0.49	0.13	7.8	2.0	600
N828046		2.05	16.80	0.11	1.2	0.150	1.64	18.1	45.1	0.44	516	1.42	0.18	7.1	6.3	590
N828047		2.14	17.60	0.11	1.1	0.090	1.43	15.1	31.7	0.50	532	1.47	0.98	8.2	3.2	580
N828048		2.28	17.05	0.11	1.1	0.091	1.49	14.9	26.6	0.49	494	1.17	1.07	8.1	3.4	630
N828049		1.88	17.30	0.11	1.0	0.081	1.78	23.0	51.1	0.70	464	2.66	0.28	7.9	2.2	670
N828050		2.93	17.15	0.12	0.9	0.167	2.03	16.5	44.3	0.90	783	0.97	0.18	7.4	4.2	620
N828051		3.24	16.75	0.13	0.8	0.143	1.95	13.2	20.6	0.86	595	0.64	0.69	7.2	5.7	580
N828052		3.33	18.10	0.13	0.9	0.143	1.72	14.1	27.1	0.94	713	0.62	0.48	8.0	6.2	680
N828053		2.38	17.75	0.10	0.9	0.145	1.33	14.0	41.9	0.95	613	0.49	0.32	7.8	10.1	660
N828054		1.19	17.35	0.09	0.9	0.086	0.70	14.1	176.5	0.83	518	0.62	0.26	7.8	1.8	640
N828055		8.91	13.55	0.18	1.2	4.78	2.39	17.8	31.3	0.69	3360	15.65	0.09	5.9	15.4	470
N828056		1.18	17.95	0.10	0.9	0.098	1.59	15.1	66.8	0.49	504	0.37	0.24	8.2	1.6	640
N828057		1.40	16.25	0.10	0.8	0.090	1.85	10.2	44.4	0.84	1110	0.39	0.17	7.4	1.5	590
N828058		1.45	16.15	0.10	0.8	0.091	1.83	9.3	42.7	0.82	1110	0.36	0.16	7.4	1.6	580
N828059		1.60	16.45	0.11	0.9	0.129	2.96	8.5	18.0	0.75	1190	0.96	0.11	7.3	1.5	660
N828060		2.31	17.05	0.12	0.9	0.389	2.97	14.0	134.0	0.61	1220	0.64	0.10	7.3	1.8	650
N828061		2.55	17.10	0.12	1.2	0.053	2.11	21.5	323	0.71	903	4.40	0.08	8.5	2.1	620
N828062		8.92	14.00	0.20	0.8	3.04	2.61	18.9	35.4	0.39	570	2.63	0.06	5.8	2.4	460
N828063		0.54	0.28	0.05	<0.1	0.009	0.04	0.7	1.6	13.55	240	0.10	<0.01	0.3	2.4	200
N828064		5.24	17.75	0.14	1.0	0.728	3.42	27.6	11.1	0.53	1920	1.43	0.06	7.4	2.6	590
N828065		7.58	14.45	0.17	1.0	1.520	2.80	24.8	13.3	0.49	1150	2.31	0.03	6.0	2.7	420
N828066		5.74	16.70	0.11	1.1	0.459	3.11	27.6	37.9	0.57	2230	1.99	0.03	7.3	2.8	530
N828067		2.89	16.70	0.10	1.2	0.082	3.00	14.3	99.4	0.58	938	1.06	0.08	8.1	2.3	570
N828068		2.98	17.45	0.12	1.2	0.052	3.02	11.5	74.2	0.35	533	1.31	0.12	9.4	2.1	680
N828069		0.46	0.24	0.12	<0.1	0.007	0.03	0.6	1.1	12.65	207	0.16	<0.01	0.2	2.6	180
N828070		2.77	17.05	0.12	1.1	0.100	3.06	12.7	31.1	0.43	793	1.90	0.13	8.5	2.3	560
N828071		2.97	18.10	0.13	1.1	0.049	2.98	17.3	14.4	0.58	518	2.39	1.61	8.7	2.8	580
N828072		3.84	16.25	0.12	0.9	0.253	2.89	16.9	64.7	0.54	2340	1.33	0.09	7.8	2.5	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133935

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828037		11.7	71.9	<0.002	0.14	11.15	9.6	1	1.8	91.1	0.73	<0.05	11.6	0.249	1.27	3.6
N828038		15.2	67.2	<0.002	0.08	9.29	8.9	1	2.2	144.0	0.73	<0.05	9.4	0.257	1.03	3.4
N828039		20.3	72.6	<0.002	0.14	12.05	9.7	1	2.1	109.5	0.74	<0.05	12.2	0.258	1.37	3.3
N828040		9610	143.0	0.002	6.96	211	7.6	2	8.4	121.0	0.43	0.47	9.5	0.185	2.08	5.3
N828041		17.3	97.9	<0.002	0.48	20.4	10.5	1	1.8	82.8	0.61	0.05	13.6	0.219	1.36	5.8
N828042		16.6	89.0	<0.002	0.61	15.50	10.8	1	2.0	130.5	0.76	0.10	13.5	0.265	1.44	4.0
N828043		347	140.5	<0.002	0.16	11.15	10.3	1	3.3	82.4	0.57	<0.05	12.9	0.248	2.19	4.0
N828044		1200	208	<0.002	0.99	8.88	10.5	1	4.5	73.7	0.53	1.34	12.8	0.246	3.08	2.8
N828045		292	46.4	<0.002	0.22	29.2	12.0	1	2.9	142.5	0.62	0.06	10.8	0.274	1.00	2.5
N828046		59.1	93.4	0.003	0.98	34.3	10.1	1	2.0	84.6	0.71	1.00	14.0	0.227	1.43	3.2
N828047		8.6	60.8	0.002	0.42	4.88	9.8	1	2.5	179.0	0.70	0.07	10.1	0.262	1.24	4.3
N828048		7.0	66.2	<0.002	0.36	4.75	9.8	1	2.3	179.0	0.71	0.07	10.1	0.268	1.27	4.0
N828049		15.7	90.6	0.003	0.43	18.50	10.5	1	2.4	148.5	0.62	0.07	11.2	0.285	1.51	4.7
N828050		294	97.8	0.004	1.41	11.80	11.1	2	2.9	115.5	0.56	0.23	10.8	0.270	1.77	5.4
N828051		158.0	112.0	0.005	1.86	5.29	11.6	2	2.9	153.5	0.55	0.31	11.1	0.251	1.84	5.0
N828052		41.4	88.0	0.003	1.96	7.67	12.3	2	2.5	177.5	0.58	0.38	11.0	0.272	1.65	3.8
N828053		18.4	56.2	<0.002	0.93	10.05	10.2	1	2.1	200	0.62	0.26	10.7	0.270	1.28	5.5
N828054		13.4	26.7	<0.002	0.05	10.00	11.2	1	2.3	273	0.64	<0.05	10.8	0.277	0.68	2.1
N828055		>10000	146.0	<0.002	7.46	234	8.2	2	8.7	125.5	0.48	0.51	9.6	0.202	2.31	5.8
N828056		14.7	101.0	<0.002	0.06	16.45	12.2	1	2.4	123.0	0.63	<0.05	12.1	0.288	1.57	1.8
N828057		16.8	88.5	<0.002	0.03	6.90	11.4	1	2.2	113.0	0.59	<0.05	10.4	0.257	1.86	3.9
N828058		16.9	82.8	<0.002	0.03	7.00	11.1	1	2.2	111.0	0.58	<0.05	9.6	0.256	1.88	3.8
N828059		106.0	141.5	<0.002	0.04	9.30	11.0	1	2.4	59.0	0.56	<0.05	10.2	0.250	3.00	3.4
N828060		1065	163.5	<0.002	0.50	12.40	11.9	1	2.8	58.0	0.59	0.16	12.8	0.257	2.81	3.1
N828061		13.0	80.3	<0.002	0.09	8.80	10.8	1	2.1	265	0.72	<0.05	11.4	0.276	1.40	3.6
N828062		902	173.5	<0.002	8.15	94.4	8.9	2	6.7	32.7	0.45	1.73	9.3	0.200	2.75	3.7
N828063		1.9	2.2	<0.002	0.04	0.15	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828064		739	208	<0.002	2.40	17.50	12.4	1	5.5	32.5	0.57	0.61	12.9	0.256	3.60	3.6
N828065		660	187.5	<0.002	6.86	35.6	8.9	2	8.1	32.6	0.54	0.49	12.1	0.201	2.98	3.3
N828066		692	189.0	0.002	3.56	22.4	10.0	1	6.7	43.3	0.62	0.12	13.0	0.226	3.34	4.2
N828067		31.2	115.0	0.002	0.21	12.70	9.3	<1	1.8	143.5	0.68	<0.05	9.6	0.241	2.37	3.8
N828068		24.9	94.9	<0.002	0.04	12.70	8.9	<1	1.8	162.5	0.81	<0.05	8.4	0.295	1.97	3.8
N828069		1.5	1.4	<0.002	0.01	0.12	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N828070		121.5	116.0	<0.002	0.30	11.50	9.1	<1	2.1	130.0	0.68	<0.05	9.0	0.248	2.34	3.4
N828071		19.2	112.0	<0.002	0.08	5.46	9.8	1	1.8	294	0.73	<0.05	10.5	0.248	1.67	3.0
N828072		60.7	123.5	<0.002	1.14	19.10	9.4	<1	2.9	128.0	0.64	<0.05	10.4	0.232	2.20	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133935

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N828037		70	2.1	12.2	57	31.5			
N828038		73	1.9	12.5	43	32.7			
N828039		71	2.5	12.9	59	34.6			
N828040		54	4.0	10.2	>10000	31.7	116		1.605
N828041		65	1.9	19.3	52	25.2			
N828042		76	3.6	16.0	81	31.8			
N828043		56	2.5	14.6	808	23.2			
N828044		62	4.7	14.4	1970	20.9			
N828045		72	1.8	14.8	155	23.4			
N828046		78	1.9	13.5	68	29.7			
N828047		76	1.3	12.9	42	27.4			
N828048		78	1.4	11.6	40	27.3			
N828049		77	2.4	12.4	45	25.4			
N828050		80	1.9	14.3	448	22.7			
N828051		85	2.3	16.9	197	22.6			
N828052		95	2.5	19.7	62	22.7			
N828053		80	2.6	12.1	56	24.8			
N828054		67	2.8	16.0	48	23.8			
N828055		59	4.4	10.1	>10000	34.1	113	0.948	1.615
N828056		68	1.7	15.0	55	24.1			
N828057		64	1.3	12.0	60	22.0			
N828058		64	1.3	11.5	59	22.5			
N828059		68	1.6	13.2	181	23.0			
N828060		66	2.3	13.4	1850	24.2			
N828061		77	2.3	15.2	80	30.0			
N828062		55	3.2	13.7	2030	20.4			
N828063		3	0.1	0.9	17	<0.5			
N828064		78	4.8	10.9	1810	25.9			
N828065		57	6.1	11.5	3800	26.1			
N828066		63	7.3	10.4	1400	29.2			
N828067		67	3.1	10.8	107	31.8			
N828068		84	3.3	10.9	51	31.7			
N828069		1	0.1	0.7	20	<0.5			
N828070		68	2.6	10.9	226	31.1			
N828071		69	1.5	12.8	53	31.6			
N828072		65	3.3	10.7	370	27.8			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133935

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133936

Project: Klaza - 64

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133936

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828073		2.95	<0.005	0.21	7.13	19.8	1800	1.31	0.24	1.92	0.65	39.7	5.6	9	10.95	5.7
N828074		4.12	0.009	1.16	7.68	17.8	1770	1.66	1.80	2.57	2.75	44.7	5.3	9	11.30	33.4
N828075		3.80	<0.005	0.09	7.73	6.6	2060	1.60	0.23	2.74	0.11	46.0	8.3	11	11.10	2.5
N828076		3.16	<0.005	0.08	7.75	7.7	2050	1.82	0.17	2.45	0.16	38.8	5.2	9	11.10	4.5
N828077		1.63	<0.005	0.09	8.03	7.4	1970	2.14	0.22	2.36	0.16	45.7	5.3	9	11.45	5.0
N828078		2.92	0.195	13.65	7.23	156.0	540	1.47	19.90	1.49	6.35	45.7	7.0	10	11.45	215
N828079		2.87	0.008	0.63	8.25	33.9	830	1.57	0.81	1.20	0.54	49.6	5.4	8	16.65	24.5
N828080		3.29	<0.005	0.11	7.88	13.3	1440	1.78	0.26	1.26	0.11	53.2	4.5	8	15.75	3.8
N828081		2.70	<0.005	0.36	8.10	25.1	1740	1.86	0.59	1.92	0.13	47.0	13.0	8	16.15	17.3
N828082		0.25	2.28	26.7	6.23	3720	790	1.49	20.1	2.27	80.0	44.2	11.1	19	13.75	458
N828083		3.22	<0.005	0.25	6.47	17.1	2670	1.51	0.45	3.04	0.15	38.7	15.2	8	12.05	39.2
N828084		3.29	0.008	0.50	7.24	15.9	1450	1.49	0.35	4.78	0.14	52.1	11.9	7	13.50	33.1
N828085		3.51	0.005	0.34	6.68	17.7	1280	1.65	1.18	4.06	0.25	48.6	14.4	7	13.90	22.5
N828086		3.10	0.005	0.11	7.46	12.0	1480	1.31	0.34	3.44	0.08	39.7	8.3	9	6.44	3.1
N828087		3.96	0.010	0.37	8.04	24.1	1060	1.63	0.44	1.29	0.31	63.8	10.3	9	7.68	4.9
N828088		3.14	0.039	2.26	7.58	52.9	1050	1.44	3.29	1.74	25.5	42.1	6.4	8	6.18	35.6
N828089		2.95	<0.005	0.38	7.84	12.8	830	1.41	0.50	1.49	0.46	48.0	7.4	10	5.90	17.4
N828090		4.09	0.011	0.78	7.71	9.8	920	1.70	0.83	1.73	15.10	38.0	8.2	9	6.47	18.0
N828091		3.36	<0.005	0.13	8.01	11.1	1220	1.44	0.27	1.06	0.39	42.3	3.2	10	7.05	1.0
N828092		<0.02	0.005	0.16	8.02	11.7	1190	1.51	0.23	1.05	0.38	44.0	3.4	10	7.45	2.5
N828093		4.05	0.017	0.34	7.31	15.6	800	1.73	0.58	3.00	0.54	33.6	6.5	10	8.73	2.4
N828094		3.77	<0.005	0.13	7.06	10.4	720	1.73	0.20	3.11	0.15	31.0	2.4	10	8.28	2.9
N828095		2.98	0.008	0.07	7.17	8.5	790	1.86	0.25	3.53	0.13	31.8	2.8	12	7.40	1.7
N828096		3.36	<0.005	0.09	7.06	8.4	860	1.61	0.30	3.63	0.09	34.2	3.5	9	6.19	2.0
N828097		3.13	0.016	0.81	7.26	10.5	1350	1.47	0.88	2.17	0.26	81.1	7.3	9	5.83	2.8
N828098		3.15	<0.005	0.16	7.64	10.5	1990	1.52	0.19	2.15	0.35	54.5	4.0	9	10.25	2.8
N828099		3.85	<0.005	0.10	8.07	8.5	2090	1.28	0.19	1.31	0.12	41.3	5.4	9	9.01	1.8
N828100		2.41	<0.005	0.02	0.10	<5	20	0.08	0.03	21.5	0.05	1.33	0.8	1	0.14	0.9
N828101		2.95	0.268	3.30	7.64	1210	730	1.62	5.38	1.63	9.72	56.9	4.3	10	14.80	44.1
N828102		3.14	0.014	1.25	7.21	57.7	950	1.59	1.00	2.34	13.10	53.4	3.6	10	12.55	26.1
N828103		4.43	2.02	46.7	2.77	5660	70	0.81	33.0	1.40	107.5	16.45	18.5	11	11.15	847
N828104		0.24	0.765	9.53	6.89	1870	260	1.51	6.08	2.04	41.1	48.9	15.2	20	16.55	111.5
N828105		3.81	0.163	2.37	6.81	354	260	1.50	2.30	2.11	15.45	45.8	8.2	8	28.2	55.0
N828106		3.17	0.015	0.76	7.83	48.6	1420	1.46	0.94	2.45	3.36	58.9	8.1	9	19.80	16.1
N828107		4.26	0.047	1.31	7.87	23.9	1720	1.44	1.17	2.72	0.76	64.9	17.2	9	12.55	9.0
N828108		2.44	<0.005	0.03	0.06	6	20	0.05	0.03	21.9	0.09	1.37	1.5	1	0.22	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133936

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828073		2.84	17.95	0.11	1.0	0.110	2.86	16.9	36.0	0.43	1600	2.24	0.10	8.4	2.7	570
N828074		3.48	17.80	0.12	1.0	0.217	2.65	20.4	15.3	0.69	813	1.58	1.26	8.6	2.6	580
N828075		2.91	16.40	0.12	1.1	0.040	2.53	20.5	11.2	0.77	523	1.37	1.90	8.2	2.4	580
N828076		3.43	17.45	0.13	1.2	0.039	2.90	16.9	20.8	0.75	483	1.28	1.06	8.9	2.5	590
N828077		3.56	17.55	0.13	1.3	0.039	2.86	22.7	22.4	0.79	488	1.17	1.02	8.9	2.8	610
N828078		3.90	16.65	0.09	1.1	0.302	2.61	20.8	45.5	0.53	1470	4.93	0.07	8.0	2.1	560
N828079		3.18	18.25	0.10	1.3	0.112	1.60	24.2	145.5	0.48	996	1.63	0.03	9.3	2.4	680
N828080		2.54	18.40	0.11	1.2	0.043	2.19	27.2	112.5	0.39	632	2.39	0.05	8.7	2.3	630
N828081		2.63	18.05	0.12	1.1	0.054	2.51	22.0	69.6	0.66	642	3.59	0.06	8.4	3.2	610
N828082		6.97	15.35	0.11	0.9	1.685	2.61	23.3	23.7	0.94	1940	14.10	0.05	6.3	15.5	460
N828083		2.20	15.85	0.11	1.0	0.055	2.07	16.4	85.1	0.60	696	10.15	0.08	7.2	3.0	480
N828084		2.54	17.60	0.14	1.0	0.091	1.93	24.1	190.5	1.27	1140	2.30	0.09	7.4	3.7	550
N828085		2.92	15.75	0.12	0.7	0.258	2.20	22.0	113.5	0.98	1140	9.25	0.09	5.4	5.1	500
N828086		2.79	17.20	0.11	1.0	0.076	2.47	17.1	219	1.15	1130	2.12	0.11	7.7	3.3	650
N828087		2.96	19.65	0.11	1.1	0.085	2.60	35.6	261	0.64	871	3.00	0.09	8.3	5.9	640
N828088		3.96	16.65	0.12	0.9	2.16	2.98	16.8	60.3	0.85	2630	2.30	0.10	6.6	2.9	540
N828089		1.72	18.20	0.10	1.0	0.134	2.33	17.8	49.8	0.57	721	17.80	0.09	7.7	4.5	630
N828090		1.86	17.50	0.11	1.0	0.565	2.34	14.4	30.1	0.51	590	3.84	0.33	6.9	4.9	570
N828091		1.40	19.20	0.11	0.9	0.100	2.48	16.4	54.6	0.44	545	0.99	0.11	7.4	1.8	640
N828092		1.45	19.65	0.11	1.0	0.111	2.39	17.1	57.8	0.42	547	1.04	0.11	7.6	1.8	610
N828093		2.26	16.55	0.10	1.0	0.142	1.88	13.0	105.5	0.94	1020	0.51	0.11	7.7	2.5	790
N828094		1.42	17.55	0.09	1.1	0.082	0.91	12.3	140.0	0.50	524	0.35	1.31	8.9	2.5	580
N828095		1.74	17.65	0.10	1.1	0.103	1.01	12.8	12.1	0.73	607	0.39	2.77	8.8	2.7	620
N828096		1.78	16.95	0.13	1.0	0.092	1.19	13.4	18.9	0.76	570	0.31	1.94	8.4	2.6	610
N828097		1.63	17.35	0.13	0.8	0.082	1.84	42.2	73.9	0.67	755	1.56	0.06	7.2	2.6	570
N828098		2.76	17.40	0.13	0.9	0.075	2.46	26.6	56.7	0.75	1070	2.54	0.08	8.3	2.6	690
N828099		2.80	18.25	0.10	1.1	0.035	2.84	18.4	36.8	0.40	673	2.84	0.11	8.8	2.2	630
N828100		0.46	0.28	0.15	<0.1	0.009	0.03	0.6	1.3	12.80	210	0.10	<0.01	0.2	2.3	240
N828101		5.04	17.10	0.15	0.9	0.281	3.22	26.7	12.7	0.84	1540	4.74	0.04	7.3	2.6	530
N828102		3.58	15.75	0.16	1.0	0.406	3.50	24.2	14.8	0.87	3060	3.62	0.04	7.1	1.2	550
N828103		8.64	8.19	0.15	0.4	1.215	1.16	7.7	47.5	0.48	2080	13.80	0.02	2.7	2.4	180
N828104		5.55	15.20	0.19	1.3	1.005	2.99	24.0	28.6	0.72	2030	13.50	0.27	7.8	15.4	510
N828105		5.38	16.25	0.17	1.0	0.495	2.94	21.7	23.7	0.75	2710	5.56	0.03	7.0	1.4	540
N828106		3.89	16.10	0.16	1.0	0.184	2.94	30.1	36.0	0.99	1600	2.49	0.05	8.1	1.5	620
N828107		3.56	16.45	0.18	1.0	0.103	3.27	32.8	23.4	0.98	1260	2.00	0.07	7.6	1.6	620
N828108		0.53	0.25	0.05	<0.1	0.006	0.03	0.6	1.1	13.85	233	0.11	0.01	0.3	<0.2	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133936

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828073		35.9	115.0	<0.002	0.21	12.05	9.8	<1	2.2	93.9	0.67	<0.05	10.7	0.243	2.01	3.1
N828074		204	106.0	<0.002	0.32	6.11	10.5	1	2.4	240	0.74	0.10	12.1	0.245	1.71	3.3
N828075		17.0	92.1	<0.002	0.14	2.91	9.6	<1	1.8	345	0.74	<0.05	11.9	0.250	1.28	3.7
N828076		20.4	95.7	<0.002	0.03	4.98	9.9	1	2.0	229	0.74	<0.05	10.9	0.252	1.47	3.1
N828077		20.2	105.5	<0.002	0.03	5.53	10.6	1	2.1	218	0.81	<0.05	13.0	0.256	1.46	3.2
N828078		178.5	138.0	<0.002	1.79	96.0	10.3	1	4.3	93.4	0.67	0.39	11.3	0.229	2.14	4.2
N828079		36.2	86.2	<0.002	0.27	33.3	11.8	1	2.3	161.5	0.81	<0.05	14.0	0.272	1.58	4.2
N828080		10.7	120.0	0.003	0.17	24.4	10.8	<1	1.6	135.0	0.76	<0.05	13.2	0.244	1.76	3.9
N828081		15.1	117.0	0.003	0.51	20.3	10.6	<1	1.9	113.5	0.71	<0.05	12.9	0.246	2.09	9.6
N828082		2920	156.0	0.003	4.81	101.0	8.4	1	8.6	99.2	0.48	0.40	10.4	0.182	2.61	5.3
N828083		8.8	89.2	0.012	0.65	9.26	8.9	<1	6.0	113.5	0.61	0.05	9.9	0.208	1.92	2.9
N828084		9.1	93.8	<0.002	0.68	8.64	11.2	1	6.2	105.5	0.56	<0.05	12.4	0.216	2.13	4.5
N828085		12.1	126.5	0.011	1.07	14.55	10.6	1	2.9	92.6	0.42	0.17	10.9	0.186	2.33	4.8
N828086		5.8	92.2	<0.002	0.49	6.08	10.0	<1	2.1	76.0	0.60	<0.05	10.6	0.247	2.53	3.2
N828087		21.6	160.0	<0.002	0.91	8.43	11.7	1	2.3	92.1	0.64	0.08	16.0	0.244	2.94	6.9
N828088		257	182.0	0.002	1.05	12.80	10.0	<1	3.7	49.5	0.52	0.24	13.7	0.205	2.93	3.5
N828089		28.9	138.0	0.006	0.37	21.3	10.9	1	2.7	64.4	0.61	<0.05	14.1	0.228	2.19	3.8
N828090		158.5	130.5	0.006	0.41	11.00	10.4	<1	2.7	68.5	0.57	0.09	13.1	0.215	2.23	4.9
N828091		25.1	147.0	<0.002	0.20	20.8	10.8	<1	2.5	54.9	0.61	<0.05	15.4	0.218	2.23	5.4
N828092		22.1	152.5	<0.002	0.19	22.2	11.3	<1	2.7	57.8	0.60	<0.05	15.4	0.218	2.25	5.4
N828093		22.3	79.5	<0.002	0.55	15.80	11.0	1	3.4	110.5	0.62	0.30	12.5	0.227	1.97	4.4
N828094		10.5	32.4	0.002	0.08	17.25	9.7	1	3.5	247	0.72	0.06	9.4	0.247	0.96	3.0
N828095		11.9	36.3	<0.002	0.12	3.44	10.2	<1	3.4	417	0.71	0.05	9.4	0.254	0.95	3.3
N828096		8.7	41.2	<0.002	0.14	4.47	9.5	<1	3.3	298	0.74	0.10	9.3	0.244	1.03	3.7
N828097		17.1	66.7	<0.002	0.23	19.15	10.9	1	3.8	81.0	0.56	0.53	10.2	0.213	1.22	3.3
N828098		21.0	91.1	<0.002	0.08	23.6	11.9	1	3.0	87.4	0.66	<0.05	12.9	0.245	1.93	3.8
N828099		15.9	113.5	<0.002	0.08	17.10	11.0	<1	2.3	90.3	0.75	<0.05	12.3	0.265	1.58	3.3
N828100		1.3	1.4	<0.002	<0.01	0.15	0.3	<1	<0.2	44.7	<0.05	<0.05	0.2	<0.005	0.02	1.0
N828101		408	213	<0.002	2.35	22.3	10.1	<1	4.2	58.4	0.59	0.12	13.6	0.222	3.45	5.7
N828102		191.5	206	<0.002	0.99	11.80	10.6	1	3.1	81.5	0.61	0.16	12.6	0.220	3.50	5.7
N828103		5980	76.3	<0.002	9.07	377	4.6	2	25.1	88.4	0.20	0.49	3.5	0.084	1.29	9.4
N828104		1405	166.5	0.002	3.30	33.2	9.7	2	6.3	154.5	0.60	0.31	11.4	0.213	2.45	5.2
N828105		367	169.5	0.002	3.07	24.4	10.9	1	7.3	62.6	0.58	0.14	10.5	0.237	3.06	6.2
N828106		82.8	149.0	<0.002	0.91	9.33	12.8	1	2.8	120.0	0.63	0.06	12.7	0.271	2.59	4.9
N828107		38.2	153.0	<0.002	1.38	9.60	12.3	2	4.0	91.9	0.63	0.67	14.6	0.260	2.40	3.5
N828108		3.4	1.3	<0.002	0.02	0.23	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133936

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828073		67	3.6	11.3	94	30.2
N828074		69	2.0	13.4	269	30.6
N828075		68	1.1	13.5	50	29.7
N828076		70	1.4	13.1	55	33.5
N828077		70	1.5	14.1	57	34.4
N828078		64	3.3	12.5	662	29.7
N828079		75	8.8	14.1	104	33.6
N828080		70	3.9	12.0	63	34.2
N828081		74	4.5	12.8	61	31.0
N828082		58	5.5	9.3	5390	25.4
N828083		67	2.4	11.8	45	26.3
N828084		84	3.7	15.6	57	29.3
N828085		80	1.8	14.4	54	21.1
N828086		73	2.3	10.4	39	28.0
N828087		78	3.9	16.3	65	32.1
N828088		69	2.9	10.2	1920	25.3
N828089		80	1.5	12.3	77	28.5
N828090		77	3.4	11.2	975	28.6
N828091		68	2.2	10.9	60	28.0
N828092		66	1.8	11.6	57	28.8
N828093		96	4.7	13.3	96	27.2
N828094		76	2.0	13.0	44	30.0
N828095		82	1.2	13.4	51	31.7
N828096		77	2.0	12.5	45	27.6
N828097		79	5.7	14.2	53	25.9
N828098		77	5.5	15.1	73	25.5
N828099		75	4.7	12.7	49	29.2
N828100		1	0.1	0.7	14	<0.5
N828101		65	4.9	10.1	818	25.6
N828102		61	3.0	12.4	1070	24.9
N828103		30	3.5	5.6	9080	9.3
N828104		58	5.4	11.9	3110	38.7
N828105		67	7.9	11.0	1400	23.8
N828106		75	4.8	15.5	327	24.6
N828107		76	7.2	15.5	103	24.3
N828108		3	0.1	0.8	18	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133936

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133937

Project: Klaza - 64

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

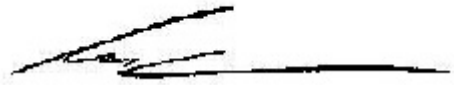
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133937

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828109		3.90	0.049	2.20	6.78	49.5	850	1.48	1.99	2.08	2.51	52.1	28.0	9	14.15	27.1
N828110		3.95	0.032	0.77	7.54	37.0	1310	1.49	0.96	2.30	1.68	53.4	16.9	11	16.10	6.2
N828111		3.97	0.012	0.65	7.06	24.0	840	1.56	2.10	2.96	0.99	110.0	39.1	7	11.70	35.4
N828112		3.82	0.032	1.05	6.81	54.0	1190	1.39	1.12	2.13	4.49	112.0	24.9	8	12.25	12.8
N828113		0.20	2.25	28.6	6.00	3520	220	1.32	19.10	2.26	81.2	46.8	10.5	20	16.00	447
N828114		3.55	0.013	1.12	7.95	37.0	1170	1.47	1.78	1.74	6.12	45.4	5.0	9	9.74	21.3
N828115		4.41	0.066	2.49	8.14	155.5	1010	1.47	3.61	1.07	4.85	63.9	5.6	9	14.85	24.3
N828116		4.27	0.008	0.48	7.56	15.9	2400	1.47	0.45	2.58	1.13	54.6	9.1	10	14.25	74.2
N828117		5.00	0.018	0.81	7.85	54.5	2210	1.52	1.14	2.62	2.07	57.5	8.2	13	15.20	26.1
N828118		2.08	0.166	1.57	7.30	725	270	1.63	2.16	0.94	3.09	63.3	9.4	11	13.90	23.4
N828119		3.51	0.079	1.14	8.56	134.5	1340	1.75	1.09	1.21	6.91	69.2	9.1	9	18.15	39.5
N828120		1.20	0.049	1.14	8.84	155.5	1300	1.75	1.08	1.36	8.41	70.7	8.7	12	18.85	49.4
N828121		4.85	0.298	33.0	7.13	566	160	1.48	57.4	1.82	7.21	58.6	5.9	10	18.45	202
N828122		4.09	0.005	0.19	7.62	9.3	2320	1.71	0.18	3.00	0.13	54.5	5.8	13	14.85	14.3
N828123		3.55	0.167	1.42	7.35	594	880	1.59	1.57	2.10	5.85	60.6	5.5	10	20.5	17.7
N828124		4.40	0.039	0.46	8.09	175.0	2010	1.55	0.46	2.30	1.48	55.7	7.2	10	12.15	14.1
N828125		3.86	0.011	0.27	7.66	49.1	2250	1.71	0.27	2.74	0.91	55.1	8.0	14	15.35	11.5
N828126		4.65	0.023	0.28	7.49	90.5	1860	1.68	0.23	2.83	1.10	49.5	5.2	12	19.20	20.5
N828127		4.38	<0.005	0.16	8.09	8.4	2350	1.57	0.17	2.12	0.11	51.4	8.4	10	12.15	23.9
N828128		4.14	0.031	0.27	7.60	159.0	2370	1.37	0.15	1.95	0.23	38.3	5.6	10	13.75	15.3
N828129		0.20	4.31	>100	6.22	9010	550	1.17	61.6	2.24	252	38.8	9.4	19	12.55	1390
N828130		4.67	0.064	0.40	7.97	629	2230	1.46	0.26	1.95	1.09	55.8	5.0	10	11.65	10.9
N828131		1.18	<0.005	0.03	0.07	6	30	0.09	0.02	21.9	0.07	1.57	1.7	1	0.18	1.6
N828132		4.55	<0.005	0.14	7.79	9.4	2520	1.45	0.12	2.56	0.11	49.6	5.7	11	13.20	5.9
N828133		3.96	<0.005	0.13	7.69	9.9	2450	1.52	0.15	2.05	0.10	45.6	5.1	10	11.80	6.9
N828134		4.60	<0.005	0.19	8.01	7.6	2360	1.69	0.22	3.19	0.09	57.3	6.2	12	11.80	20.8
N828135		4.80	<0.005	0.19	7.54	6.7	2200	1.55	0.21	2.79	0.11	59.1	7.0	13	10.90	14.4
N828136		4.27	<0.005	0.18	8.08	7.1	2480	1.67	0.21	2.97	0.14	54.1	6.3	13	11.25	19.6
N828137		<0.02	<0.005	0.23	7.61	7.4	2340	1.65	0.20	2.84	0.15	51.6	6.5	13	11.00	21.0
N828138		4.88	<0.005	0.13	7.55	8.0	2180	1.72	0.29	2.28	0.13	45.1	8.1	9	10.05	15.2
N828139		2.67	<0.005	0.11	7.97	8.7	2260	1.81	0.30	2.50	0.12	47.6	9.8	8	11.65	19.4
N828140		4.27	<0.005	0.06	8.03	8.1	2420	1.48	0.44	3.01	0.12	45.4	25.8	10	8.25	6.8
N828141		4.63	<0.005	0.12	7.90	16.1	1200	1.94	1.11	4.44	0.07	33.6	38.9	5	13.55	7.4
N828142		4.06	0.005	0.15	8.08	19.5	810	1.96	1.34	3.90	0.04	28.8	41.4	5	15.50	12.8
N828143		1.09	<0.005	0.03	0.07	<5	30	<0.05	0.03	22.0	0.07	1.44	2.1	<1	0.19	4.7
N828144		4.36	<0.005	0.07	7.37	11.4	450	1.41	1.13	3.59	0.03	40.7	64.0	9	4.87	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133937

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828109		3.43	16.10	0.15	1.0	0.114	2.51	25.2	80.8	0.76	1040	2.00	0.04	7.6	2.7	530
N828110		4.22	17.15	0.19	1.2	0.257	3.22	25.9	13.6	0.93	2950	1.24	0.06	8.1	2.9	570
N828111		3.57	16.65	0.23	1.0	0.184	3.01	58.1	18.7	1.09	1380	1.48	0.05	6.3	3.9	600
N828112		4.12	15.60	0.22	0.9	0.345	2.65	59.9	34.9	0.84	2120	1.20	0.05	6.4	2.4	520
N828113		6.74	15.50	0.21	1.0	1.835	2.63	23.2	24.7	0.91	1900	14.40	0.04	6.5	15.9	440
N828114		3.44	19.60	0.14	1.1	0.304	2.31	18.3	37.0	0.61	1350	1.05	0.05	8.1	1.5	630
N828115		4.53	18.05	0.18	1.1	0.219	3.13	32.9	20.6	0.60	1450	1.43	0.07	8.5	2.2	610
N828116		3.20	17.10	0.16	1.1	0.101	3.32	25.6	14.5	0.55	753	1.31	1.10	8.8	1.8	600
N828117		3.66	17.45	0.18	1.1	0.122	3.20	27.4	9.9	0.80	884	1.48	1.90	8.4	2.1	620
N828118		7.67	16.70	0.22	1.0	0.291	3.10	31.4	26.1	0.88	2080	1.57	0.41	7.3	2.7	550
N828119		5.05	19.15	0.21	1.1	0.287	2.93	34.8	42.6	0.91	1680	1.87	0.18	8.9	3.0	680
N828120		5.25	17.80	0.21	1.1	0.254	3.00	36.1	41.4	0.93	1800	2.67	0.09	8.9	3.0	680
N828121		7.07	16.05	0.20	1.0	0.503	2.98	29.1	23.5	0.81	2330	1.80	0.42	7.2	2.4	530
N828122		3.28	16.90	0.17	1.1	0.058	3.02	25.6	8.2	0.79	666	1.64	2.03	9.2	1.8	630
N828123		4.94	15.90	0.17	1.0	0.261	3.22	30.9	25.9	0.84	1740	5.39	0.14	8.1	2.0	550
N828124		3.66	17.75	0.17	1.1	0.093	3.55	26.2	22.5	0.75	1070	1.13	0.65	8.4	1.8	640
N828125		3.37	16.80	0.18	1.3	0.063	3.17	25.8	13.1	0.69	782	1.53	1.68	9.4	2.1	620
N828126		3.10	16.35	0.15	1.3	0.058	3.19	21.7	13.3	0.70	815	1.38	1.52	8.8	1.6	600
N828127		3.35	17.15	0.17	1.2	0.044	3.04	24.0	13.3	0.50	606	1.96	1.71	9.0	2.0	640
N828128		3.18	16.30	0.15	1.2	0.053	3.39	15.9	21.5	0.31	1030	5.40	0.38	10.2	1.6	640
N828129		9.24	13.15	0.18	1.0	4.86	2.48	18.6	31.2	0.70	3390	16.10	0.09	6.2	15.5	500
N828130		3.46	17.00	0.16	1.1	0.055	3.19	26.4	18.4	0.51	896	1.55	0.82	8.8	2.1	640
N828131		0.53	0.23	<0.05	<0.1	0.005	0.03	0.7	1.1	13.85	223	0.11	0.01	0.3	<0.2	190
N828132		3.20	16.45	0.15	1.1	0.040	2.89	23.5	13.7	0.66	525	1.22	2.26	8.3	1.6	660
N828133		3.43	15.65	0.15	1.0	0.050	3.00	20.6	15.4	0.40	678	1.41	1.38	8.1	2.1	610
N828134		3.60	17.00	0.15	1.1	0.054	2.94	26.1	11.2	0.73	740	1.39	2.40	9.3	2.2	800
N828135		3.33	16.30	0.15	1.2	0.043	2.74	28.3	10.8	0.80	530	1.49	2.48	9.3	2.2	620
N828136		3.49	18.15	0.18	1.2	0.038	2.80	23.5	11.2	0.70	494	1.52	2.63	9.4	2.2	680
N828137		3.25	17.75	0.16	1.2	0.037	2.70	22.6	10.7	0.65	465	1.23	2.49	9.3	3.3	640
N828138		2.81	15.90	0.12	1.4	0.029	3.54	22.5	12.1	0.53	431	1.37	2.31	7.7	2.5	530
N828139		2.89	17.90	0.13	1.0	0.039	2.95	23.1	15.4	0.65	460	1.00	2.49	8.6	3.1	630
N828140		3.06	16.85	0.10	1.1	0.045	2.87	22.4	11.6	0.81	546	0.76	2.45	7.2	2.7	680
N828141		3.92	19.25	0.11	1.9	0.060	1.54	14.2	23.1	0.83	790	0.66	1.93	6.9	3.9	1100
N828142		4.28	20.3	0.11	2.2	0.079	1.08	11.8	35.9	0.68	647	0.51	1.23	7.2	4.3	1270
N828143		0.53	0.36	<0.05	<0.1	0.005	0.02	0.7	1.0	13.80	239	0.14	0.01	0.2	1.9	200
N828144		3.86	17.25	0.09	1.2	0.080	2.13	19.7	7.2	0.74	711	2.81	2.18	6.8	3.2	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133937

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828109		78.7	118.0	0.003	1.96	13.65	10.4	1	4.8	82.6	0.62	0.98	14.3	0.226	2.39	5.5
N828110		79.1	167.0	<0.002	1.39	8.10	11.0	1	6.1	66.4	0.64	0.26	13.9	0.234	3.11	7.2
N828111		21.2	170.0	0.002	2.06	12.90	10.4	1	4.1	66.3	0.52	0.69	13.1	0.214	2.74	4.0
N828112		83.2	157.0	<0.002	1.31	8.22	9.3	1	5.4	61.4	0.53	0.20	14.1	0.195	2.42	4.3
N828113		2840	153.5	0.002	4.90	98.0	7.8	1	8.7	88.8	0.53	0.44	11.3	0.184	2.44	6.2
N828114		76.2	96.7	<0.002	0.61	10.40	11.8	1	4.0	49.4	0.75	0.06	14.1	0.257	1.98	3.2
N828115		113.5	164.0	<0.002	1.73	12.65	11.7	2	5.3	58.5	0.69	0.08	15.9	0.260	2.27	3.7
N828116		29.5	129.5	<0.002	0.48	12.85	11.3	2	2.4	229	0.67	0.07	13.8	0.262	1.69	3.8
N828117		58.8	129.0	<0.002	0.65	3.36	11.6	2	2.9	338	0.64	0.05	14.1	0.264	1.60	4.2
N828118		94.3	179.0	0.002	3.72	6.88	10.7	1	7.5	81.7	0.54	0.13	13.0	0.225	2.46	3.8
N828119		168.0	159.0	0.002	1.34	7.23	13.6	2	6.5	79.0	0.69	0.08	17.5	0.285	2.05	5.1
N828120		197.0	156.5	<0.002	1.25	7.30	12.7	2	7.1	67.4	0.66	0.08	17.7	0.288	2.08	5.6
N828121		632	145.5	0.002	3.91	18.45	10.5	2	6.3	115.0	0.62	0.26	12.5	0.227	2.32	5.6
N828122		18.8	111.0	<0.002	0.08	2.99	12.0	2	1.8	356	0.72	<0.05	11.9	0.272	1.45	4.3
N828123		197.5	164.5	0.002	2.13	12.35	10.8	2	3.6	98.1	0.65	0.12	13.1	0.243	2.69	5.4
N828124		80.3	156.0	0.002	0.90	9.22	12.1	2	2.6	169.0	0.71	0.08	13.2	0.266	2.16	5.1
N828125		32.8	122.5	<0.002	0.28	5.49	12.9	2	2.0	300	0.77	<0.05	12.5	0.276	1.60	5.1
N828126		39.4	117.0	<0.002	0.24	5.78	10.9	2	1.8	277	0.74	<0.05	11.2	0.263	1.63	4.2
N828127		16.9	108.0	<0.002	0.07	8.84	11.6	2	2.8	263	0.73	<0.05	12.4	0.273	1.19	3.9
N828128		20.9	129.0	<0.002	0.19	17.90	11.2	2	2.4	119.0	0.72	<0.05	9.2	0.290	1.54	2.4
N828129		>10000	139.5	0.002	8.12	248	8.3	4	8.8	124.5	0.42	0.57	8.4	0.195	2.19	5.4
N828130		48.1	128.5	<0.002	0.29	15.10	12.4	2	2.2	163.0	0.69	<0.05	12.2	0.273	1.46	3.6
N828131		2.0	1.6	0.002	0.02	0.25	0.4	1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828132		15.3	100.5	<0.002	0.06	4.54	11.4	1	1.9	382	0.62	<0.05	10.5	0.277	1.12	3.8
N828133		14.9	109.0	0.002	0.07	10.75	10.9	2	1.7	234	0.60	<0.05	10.3	0.264	1.19	2.9
N828134		14.9	108.0	<0.002	0.14	3.40	12.8	2	2.8	408	0.65	<0.05	11.1	0.310	1.14	3.9
N828135		14.3	95.8	<0.002	0.17	1.63	11.8	2	2.4	427	0.67	<0.05	11.4	0.274	0.89	4.1
N828136		16.3	92.4	0.002	0.18	3.42	13.0	2	3.3	463	0.71	0.05	11.5	0.301	0.92	4.2
N828137		15.4	90.7	<0.002	0.19	3.53	12.5	2	3.1	439	0.67	0.05	10.6	0.285	0.87	3.9
N828138		16.5	104.0	0.002	0.32	2.48	9.6	1	2.7	338	0.73	0.07	15.2	0.226	1.06	4.4
N828139		14.5	100.5	<0.002	0.34	3.35	12.3	2	3.3	399	0.70	0.07	12.8	0.272	1.00	3.6
N828140		11.7	102.0	<0.002	1.01	1.80	11.4	2	2.9	373	0.55	0.11	12.0	0.260	1.10	3.6
N828141		8.3	60.5	<0.002	2.32	7.36	14.2	2	5.0	324	0.47	0.31	5.4	0.389	0.96	5.2
N828142		9.5	34.1	<0.002	2.55	10.50	14.1	2	5.7	234	0.45	0.37	4.5	0.448	0.75	6.3
N828143		1.4	1.1	<0.002	0.04	0.29	0.3	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N828144		3.7	84.5	0.003	2.95	2.33	11.1	2	4.5	220	0.56	0.33	9.2	0.253	1.27	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133937

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828109		67	7.5	14.5	271	29.1			
N828110		69	5.4	16.4	205	33.0			
N828111		73	3.7	14.2	110	30.2			
N828112		64	4.6	12.7	423	22.7			
N828113		58	5.5	10.0	5370	28.8			
N828114		73	4.6	12.7	572	24.3			
N828115		70	6.7	14.6	418	27.3			
N828116		70	2.3	15.6	122	26.8			
N828117		72	2.3	15.4	208	26.1			
N828118		63	7.9	9.8	329	23.8			
N828119		83	6.9	14.2	630	27.9			
N828120		81	6.8	14.4	782	30.2			
N828121		63	5.2	11.7	713	22.8			
N828122		75	1.3	16.5	49	27.8			
N828123		65	3.8	13.4	513	24.4			
N828124		73	2.9	15.0	162	26.9			
N828125		77	2.9	16.8	104	31.1			
N828126		72	3.3	14.6	126	30.4			
N828127		72	3.1	15.7	48	29.6			
N828128		73	6.5	14.4	57	31.1			
N828129		57	4.4	9.7	>10000	31.7	126	0.952	1.610
N828130		76	4.2	17.2	112	28.1			
N828131		3	0.1	0.8	20	<0.5			
N828132		75	3.1	15.7	40	25.3			
N828133		73	4.1	14.9	45	27.2			
N828134		89	1.9	18.2	47	27.1			
N828135		73	1.3	17.6	41	29.0			
N828136		80	1.6	16.7	42	27.9			
N828137		77	1.5	16.4	41	27.9			
N828138		63	1.4	13.4	37	38.1			
N828139		73	1.5	15.8	39	28.1			
N828140		76	1.0	16.3	36	34.9			
N828141		116	1.6	18.8	40	66.6			
N828142		146	2.7	16.1	43	81.5			
N828143		2	0.1	1.0	14	0.6			
N828144		77	1.2	12.0	27	35.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 64

CERTIFICATE OF ANALYSIS WH12133937

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133938

Project: Klaza-64

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-21d	Sample logging - ClientBarCode Dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

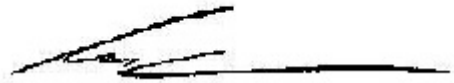
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133938

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828181		4.17	0.085	2.70	6.99	179.5	1150	1.48	3.66	1.02	3.92	51.6	8.0	14	21.5	144.0
N828182		0.31	0.823	8.95	6.52	1860	180	1.39	6.45	1.92	42.0	42.3	16.0	23	16.70	108.5
N828183		3.64	0.298	2.05	4.81	218	580	1.02	1.66	2.22	5.08	38.1	6.0	11	16.65	29.2
N828184		4.47	0.025	0.31	7.36	29.4	1300	1.63	0.21	2.29	0.92	48.1	4.8	11	18.95	3.3
N828185		6.29	0.021	0.72	6.86	17.7	1140	1.78	0.87	1.48	1.90	57.4	21.0	13	9.20	5.5
N828186		3.95	0.053	1.60	6.72	25.3	480	1.97	2.13	2.25	3.98	71.7	89.8	11	9.78	7.9
N828187		4.43	0.055	1.22	7.60	40.3	870	1.64	1.73	1.85	7.82	44.1	8.5	10	8.78	21.3
N828188		2.62	<0.005	0.01	0.07	<5	30	<0.05	0.02	22.2	0.09	1.13	2.0	2	0.17	2.4
N828189		3.83	0.040	0.87	7.39	54.3	740	1.57	1.23	1.25	9.10	39.7	3.1	10	10.55	18.7
N828190		3.90	0.147	3.06	6.64	273	790	1.30	5.02	1.33	5.33	43.9	11.5	11	7.69	78.4
N828191		3.32	0.017	0.73	6.83	19.8	3230	1.30	1.10	2.57	0.46	52.6	13.1	10	10.70	15.4
N828192		3.54	0.064	0.73	7.03	73.9	1120	1.33	0.89	2.58	4.85	42.7	5.4	9	11.45	9.5
N828193		3.70	0.006	0.24	7.07	16.7	790	1.41	0.27	2.76	0.26	51.8	4.2	11	14.35	3.6
N828194		3.42	0.225	0.50	6.56	347	1640	1.14	0.43	2.97	1.39	35.5	2.3	9	12.50	6.0
N828195		3.85	0.013	3.33	7.48	177.0	1510	1.47	6.37	2.06	5.57	32.9	1.6	10	12.95	5.0
N828196		3.94	0.028	1.08	7.04	369	1160	1.21	1.32	2.08	6.49	35.9	5.6	9	7.67	7.7
N828197		4.26	0.045	1.64	7.12	134.0	550	1.41	2.37	1.40	8.71	49.9	7.5	11	12.00	23.5
N828198		2.02	0.081	2.11	7.23	451	620	1.41	2.95	1.15	10.15	45.3	7.0	11	11.35	29.8
N828199		4.16	0.469	6.72	6.98	377	640	1.61	11.55	2.05	4.94	57.3	10.3	10	11.00	39.5
N828200		3.72	0.009	0.40	7.13	11.9	1470	1.55	0.77	3.15	0.33	43.5	8.6	12	9.27	24.7
N828201		9.90	0.006	0.13	7.35	7.0	1430	1.59	0.24	2.84	0.17	42.9	4.7	14	10.25	5.8
N828202		11.55	0.019	0.21	7.36	11.1	520	1.66	0.31	3.45	0.80	38.1	1.5	13	10.05	17.3
N828203		7.88	0.147	1.52	7.15	823	630	1.41	1.55	2.88	17.70	37.1	2.5	12	5.88	50.2
N828204		2.48	<0.005	0.08	0.13	<5	20	0.05	0.04	20.7	0.08	1.55	0.9	3	0.15	2.7
N828205		3.92	1.300	33.6	6.79	9650	230	1.35	41.7	0.90	16.05	29.5	11.1	8	5.99	860
N828206		3.55	0.325	8.40	7.22	70.3	950	1.37	12.10	2.07	9.87	47.3	2.0	9	9.03	160.5
N828207		2.06	0.007	0.51	7.29	19.5	270	1.43	0.40	3.80	0.95	38.0	1.7	10	13.30	22.7
N828208		3.35	0.005	0.44	6.92	6.6	1310	1.48	0.57	4.02	2.94	51.8	3.9	10	14.65	36.1
N828209		12.03	0.022	1.04	7.20	62.4	1920	1.51	0.19	2.52	0.90	48.2	6.0	14	9.20	16.0
N828210		3.28	0.146	1.13	7.15	1350	1740	1.47	0.21	2.87	7.00	50.7	6.2	13	10.85	27.6
N828211		2.39	0.008	0.43	7.34	18.5	1680	1.41	0.73	2.27	3.11	55.1	5.6	12	11.15	14.7
N828212		0.31	0.766	10.95	6.49	1800	640	1.41	6.59	1.86	39.9	45.5	16.5	21	15.25	107.0
N828213		4.22	0.409	17.95	7.05	273	560	1.30	32.7	2.05	5.96	49.9	6.7	11	9.13	277
N828214		3.62	0.006	0.42	7.59	10.3	2230	1.57	0.30	2.36	0.45	48.0	6.9	13	7.78	11.8
N828215		<0.02	0.006	0.25	7.31	9.6	2150	1.52	0.30	2.26	0.47	53.8	7.1	11	7.87	12.0
N828216		8.47	0.006	0.31	7.13	9.5	2250	1.35	0.24	2.35	0.30	43.9	7.2	14	9.15	10.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133938

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828181		5.91	16.40	0.15	1.0	0.211	2.64	29.0	143.0	0.71	1640	0.84	0.06	7.4	3.3	510
N828182		5.38	16.20	0.16	1.4	0.929	2.82	21.1	23.8	0.69	1970	12.05	0.26	7.8	15.0	500
N828183		4.29	11.05	0.14	0.8	0.200	1.76	21.3	69.7	0.70	1450	1.22	0.04	4.8	3.0	360
N828184		3.70	16.50	0.13	1.1	0.109	2.03	23.7	186.5	0.88	1650	1.33	0.05	7.9	2.3	590
N828185		3.22	17.10	0.12	1.1	0.238	2.30	28.5	139.5	0.61	1660	0.48	0.07	7.8	4.2	620
N828186		3.39	16.25	0.14	0.9	0.340	2.39	37.4	192.5	0.84	1580	4.38	0.09	6.3	10.2	510
N828187		3.13	17.05	0.13	1.0	0.548	3.50	17.9	34.4	0.77	2140	2.16	0.05	7.6	2.5	580
N828188		0.51	0.43	<0.05	<0.1	<0.005	0.03	0.5	0.9	13.30	228	0.10	<0.01	0.3	2.3	170
N828189		4.33	15.45	0.16	0.8	0.582	2.91	14.9	189.0	0.72	3250	0.44	0.04	6.4	2.6	560
N828190		4.36	14.90	0.17	0.8	0.385	2.95	18.9	19.8	0.66	1680	2.83	0.03	6.1	3.8	500
N828191		1.91	15.35	0.15	0.9	0.110	2.83	22.8	40.9	0.92	922	2.04	0.05	7.1	3.8	530
N828192		2.93	15.10	0.14	0.9	0.336	1.85	17.6	21.3	0.69	1380	5.52	0.69	6.7	2.6	560
N828193		2.22	14.80	0.17	1.0	0.077	2.02	22.6	104.0	0.76	834	0.74	0.36	6.9	2.2	560
N828194		2.41	11.10	0.11	0.6	0.143	2.64	15.2	22.2	0.93	2150	0.73	0.04	4.7	1.6	690
N828195		2.45	15.30	0.17	0.8	0.432	3.08	12.2	95.5	0.89	1740	1.02	0.05	7.0	1.5	500
N828196		3.62	14.30	0.17	0.6	0.668	3.19	12.4	5.9	0.84	3760	6.72	0.05	5.2	2.6	500
N828197		5.42	15.15	0.18	0.8	0.745	3.05	20.5	67.1	0.83	4750	0.75	0.04	6.0	2.8	530
N828198		6.04	14.90	0.14	0.8	0.762	3.11	19.5	63.3	0.81	5550	0.62	0.04	5.9	3.0	530
N828199		5.52	15.20	0.20	0.8	0.325	2.75	27.5	103.5	0.79	2080	0.57	0.06	6.2	2.2	560
N828200		2.71	15.90	0.14	1.0	0.111	2.26	18.7	13.4	0.74	642	0.56	2.03	7.1	2.6	590
N828201		2.41	16.10	0.12	1.0	0.079	1.72	19.3	18.3	0.82	479	0.75	2.53	7.7	2.5	580
N828202		1.74	15.70	0.16	0.9	0.189	0.82	14.0	17.2	0.82	584	0.47	2.74	7.5	1.8	570
N828203		2.72	16.65	0.16	0.8	0.644	2.47	11.4	14.8	0.62	1440	0.44	0.87	6.8	1.4	320
N828204		0.52	0.29	0.11	<0.1	0.010	0.03	0.7	0.9	12.65	214	0.16	0.02	0.3	2.8	170
N828205		8.89	18.25	0.18	0.6	0.973	3.01	11.0	17.9	0.58	2630	1.16	0.06	5.5	1.8	320
N828206		3.45	15.90	0.18	0.7	0.669	2.39	15.5	41.2	0.79	2020	0.40	0.18	7.3	1.0	520
N828207		2.01	14.90	0.14	0.8	0.180	0.76	14.7	24.2	1.08	644	0.32	1.28	7.4	1.4	590
N828208		2.94	15.50	0.15	0.8	0.177	1.99	22.8	18.5	1.01	801	0.78	1.37	7.2	1.8	580
N828209		2.99	16.00	0.16	0.9	0.055	2.45	22.8	14.2	0.81	622	2.87	2.18	7.3	2.4	560
N828210		3.14	15.80	0.15	1.0	0.060	2.51	25.9	14.0	0.86	673	1.75	1.30	7.4	2.6	580
N828211		3.27	15.45	0.19	1.0	0.304	2.73	27.8	12.4	0.68	1200	1.72	1.43	7.1	2.4	570
N828212		5.31	14.70	0.19	1.4	0.878	2.76	22.4	24.1	0.68	1890	12.05	0.26	6.9	14.8	470
N828213		5.01	14.25	0.17	0.9	0.382	2.60	24.7	12.8	0.71	1100	3.36	1.43	6.4	2.3	530
N828214		3.27	16.20	0.19	0.9	0.051	2.65	22.7	13.5	0.94	625	6.63	2.43	7.6	2.6	600
N828215		3.05	16.20	0.19	0.9	0.059	2.55	26.1	13.4	0.91	597	4.64	2.33	7.7	2.6	580
N828216		3.11	14.65	0.15	0.9	0.039	2.57	21.0	14.0	0.86	600	6.21	2.20	6.8	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133938

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828181		216	148.5	<0.002	1.36	26.1	9.4	1	3.9	83.7	0.61	0.15	13.5	0.215	1.95	4.7
N828182		1335	148.5	<0.002	3.16	34.2	8.8	1	5.8	144.5	0.62	0.28	11.4	0.211	2.56	5.2
N828183		109.0	84.2	<0.002	1.68	52.8	6.8	1	2.0	111.0	0.44	<0.05	9.6	0.152	1.47	6.4
N828184		61.1	93.2	<0.002	0.23	17.20	10.8	1	3.1	195.5	0.64	<0.05	13.8	0.241	1.72	4.8
N828185		69.6	95.1	<0.002	0.53	20.5	9.9	1	3.7	113.5	0.64	0.15	11.3	0.250	2.06	5.4
N828186		101.5	142.0	0.004	1.61	23.0	9.3	1	3.0	111.5	0.53	0.48	12.4	0.188	2.18	4.8
N828187		72.4	200	<0.002	0.88	7.17	10.4	1	3.4	72.9	0.62	0.16	12.9	0.236	3.23	4.7
N828188		2.6	1.6	<0.002	0.01	0.07	0.4	<1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828189		97.2	172.5	0.003	0.60	8.43	11.1	<1	4.6	73.1	0.60	0.13	13.7	0.232	2.76	4.7
N828190		145.5	185.5	0.005	2.48	25.8	10.0	1	6.0	50.3	0.52	0.38	12.6	0.208	2.81	4.3
N828191		48.6	166.0	0.003	0.58	8.87	10.2	1	3.2	114.5	0.58	0.26	13.4	0.227	2.98	5.6
N828192		63.1	108.5	0.004	0.63	9.12	10.4	1	4.6	147.0	0.57	0.19	12.3	0.230	1.84	3.9
N828193		13.3	81.5	0.004	0.21	7.08	10.3	1	2.3	152.0	0.61	0.06	11.9	0.249	1.83	4.0
N828194		50.5	137.0	<0.002	0.76	12.35	8.2	1	2.6	84.4	0.40	0.07	9.1	0.211	2.22	3.8
N828195		110.5	174.5	0.002	0.24	7.00	11.7	1	4.0	94.0	0.59	0.15	13.2	0.246	3.19	3.6
N828196		102.0	179.5	0.005	0.43	8.21	8.9	<1	4.1	44.8	0.47	0.19	12.9	0.194	3.27	3.8
N828197		110.5	181.5	<0.002	0.85	6.63	10.0	1	5.3	62.4	0.52	0.15	13.2	0.217	3.12	5.1
N828198		136.0	181.0	0.002	0.96	9.62	9.9	1	5.5	52.0	0.48	0.32	12.7	0.211	3.14	4.8
N828199		255	165.5	0.002	2.66	9.78	11.5	1	6.7	90.5	0.52	0.17	12.3	0.234	2.62	4.9
N828200		31.9	89.6	0.005	0.33	2.54	10.4	1	2.3	364	0.57	0.08	12.5	0.253	1.35	3.7
N828201		17.6	62.9	0.002	0.06	2.81	11.1	1	2.2	410	0.64	0.06	12.5	0.254	0.82	3.6
N828202		24.0	36.4	0.002	0.08	4.17	10.6	1	3.3	414	0.68	0.05	13.1	0.248	0.74	3.7
N828203		84.2	139.5	0.003	0.80	4.87	10.5	1	4.7	161.0	0.59	0.09	11.7	0.242	2.14	4.1
N828204		1.8	1.3	0.003	0.01	0.17	0.5	<1	0.3	46.0	<0.05	<0.05	<0.2	0.010	0.03	0.5
N828205		371	202	0.003	5.90	47.8	10.7	1	12.3	33.0	0.47	1.80	13.7	0.196	2.63	4.9
N828206		95.7	140.0	0.002	0.59	11.60	10.8	1	5.0	113.5	0.63	0.09	13.7	0.240	2.58	4.0
N828207		20.0	39.8	0.002	0.04	5.93	11.1	1	2.3	313	0.63	0.06	13.3	0.257	0.86	4.2
N828208		55.5	80.5	<0.002	0.04	5.37	11.0	1	2.6	346	0.63	<0.05	11.6	0.246	1.19	4.2
N828209		25.9	93.1	0.004	0.14	4.04	10.4	<1	1.9	390	0.60	<0.05	12.4	0.247	1.14	3.9
N828210		173.5	104.0	0.002	0.31	8.56	10.8	1	2.7	299	0.60	<0.05	13.3	0.245	1.26	4.0
N828211		27.9	125.0	0.003	0.34	3.09	10.7	1	2.7	272	0.61	0.05	15.0	0.248	1.73	4.6
N828212		1295	153.5	0.004	2.98	31.8	8.9	1	5.8	147.0	0.61	0.76	11.8	0.202	2.41	5.3
N828213		225	120.5	0.004	2.70	8.31	9.9	1	3.2	281	0.55	0.19	12.8	0.229	1.52	4.2
N828214		21.2	98.7	0.002	0.05	1.60	11.1	1	2.0	474	0.62	<0.05	12.8	0.262	1.05	4.1
N828215		23.2	106.0	0.002	0.05	1.61	11.3	<1	2.0	452	0.61	<0.05	13.2	0.254	1.06	4.0
N828216		18.3	93.1	0.002	0.06	1.86	10.2	1	1.7	411	0.56	<0.05	11.3	0.249	0.98	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133938

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828181		59	6.1	12.5	606	29.0
N828182		57	5.4	11.3	3050	40.9
N828183		45	4.4	11.7	631	18.7
N828184		66	8.9	16.2	177	27.5
N828185		62	4.4	11.5	208	27.9
N828186		53	2.5	14.2	361	22.6
N828187		59	5.3	11.7	749	25.8
N828188		2	0.1	0.8	19	<0.5
N828189		61	4.5	10.0	888	18.9
N828190		55	4.6	10.7	531	19.5
N828191		57	2.5	14.5	72	23.0
N828192		62	2.4	13.4	453	21.9
N828193		67	1.9	14.5	51	24.9
N828194		61	2.4	11.3	202	15.1
N828195		61	3.2	11.8	566	20.2
N828196		65	2.8	11.0	605	16.6
N828197		62	4.5	10.7	794	18.2
N828198		60	4.7	11.5	943	18.3
N828199		73	4.9	12.3	470	19.1
N828200		71	2.0	14.6	66	23.0
N828201		68	2.2	14.0	46	26.0
N828202		64	1.7	15.8	92	22.7
N828203		59	2.9	11.7	1380	20.1
N828204		3	0.3	0.8	17	1.2
N828205		69	5.9	8.7	1280	17.4
N828206		47	3.6	13.1	783	16.9
N828207		67	2.6	14.9	107	20.6
N828208		67	3.5	16.9	232	20.6
N828209		67	4.1	14.7	85	22.5
N828210		68	4.7	15.5	419	24.8
N828211		69	4.6	14.1	334	23.9
N828212		56	5.2	10.9	2950	36.1
N828213		63	4.2	13.6	562	21.2
N828214		70	5.4	16.2	66	22.6
N828215		69	4.3	17.2	67	23.0
N828216		69	3.7	15.1	53	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-64

Finalized Date: 30-JUN-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12133938

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133939

Project: Klaza-64

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133939

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N828145		6.77	<0.005	0.18	7.01	11.7	1140	1.44	1.49	3.53	0.06	42.3	50.1	6	6.97	11.1
N828146		0.30	2.24	26.0	5.70	3400	940	1.38	19.25	2.13	82.5	43.9	11.5	17	16.15	430
N828147		4.22	0.009	0.81	7.08	31.3	1260	1.48	1.26	4.54	0.20	42.2	23.2	8	8.55	30.7
N828148		4.36	<0.005	0.55	7.47	14.0	1660	1.65	0.79	2.98	0.16	49.3	7.9	8	7.93	16.5
N828149		13.04	<0.005	0.12	7.49	10.1	2200	1.38	0.34	2.12	0.14	46.1	12.7	9	11.00	5.8
N828150		13.75	<0.005	0.12	7.40	9.9	1870	1.57	0.25	2.76	0.15	46.6	8.1	10	12.30	10.1
N828151		10.99	0.193	0.28	7.09	40.6	1890	1.53	0.15	2.86	0.64	42.1	7.9	10	13.95	13.5
N828152		4.78	<0.005	0.12	7.94	76.9	1880	1.31	0.23	1.36	0.43	52.4	6.7	6	14.65	4.1
N828153		2.47	<0.005	<0.01	0.06	5	20	<0.05	0.02	20.6	0.06	1.26	1.1	1	0.15	5.1
N828154		5.12	0.159	2.81	7.08	334	410	1.21	6.83	1.06	1.01	35.2	40.4	7	11.35	42.3
N828155		5.83	0.033	0.42	8.02	90.2	2070	1.48	0.62	2.56	0.86	46.3	4.9	9	17.50	23.1
N828156		13.12	0.012	0.28	7.96	11.2	2200	1.41	0.55	2.60	0.22	48.8	6.4	10	11.90	6.4
N828157		13.64	0.021	0.37	7.94	20.5	1410	1.46	0.86	2.78	1.51	59.1	16.3	9	8.77	9.0
N828158		4.36	0.014	0.51	8.00	15.5	780	1.58	1.19	2.48	1.59	62.2	21.1	8	10.65	24.0
N828159		2.20	0.007	0.65	7.43	17.6	790	1.52	1.35	2.13	2.07	60.2	21.6	7	10.95	44.7
N828160		4.20	0.025	1.64	7.20	42.9	1020	1.35	2.24	3.33	7.72	79.7	23.5	7	7.45	287
N828161		4.63	0.021	1.14	7.61	27.5	1160	1.62	1.74	4.29	1.43	51.4	24.8	11	13.45	158.0
N828162		2.85	0.035	3.19	7.32	52.7	290	1.86	6.06	2.73	7.49	30.1	53.2	6	9.56	551
N828163		4.79	0.075	2.43	7.07	54.2	500	1.41	3.70	3.75	11.85	42.8	48.6	6	8.16	437
N828164		0.30	4.33	>100	5.75	8040	660	1.13	58.2	2.02	231	34.5	9.3	16	12.00	1305
N828165		4.61	0.010	1.66	7.87	26.1	440	1.64	3.49	3.59	1.63	61.0	44.0	7	9.00	35.4
N828166		5.03	<0.005	0.16	7.79	12.6	750	1.41	1.62	3.88	0.12	89.4	35.3	9	6.48	6.0
N828167		4.39	0.005	0.16	8.30	13.5	450	1.42	1.85	4.04	0.05	53.8	44.1	9	6.98	8.6
N828168		5.98	<0.005	0.09	7.89	6.3	1940	1.35	0.43	2.69	0.09	53.3	14.9	10	8.31	16.4
N828169		12.47	<0.005	0.11	8.20	8.7	2350	1.66	0.19	2.75	0.59	51.0	9.2	11	10.40	9.6
N828170		11.08	<0.005	0.08	7.90	5.8	2170	1.62	0.13	2.43	0.18	51.3	7.3	13	10.95	7.0
N828171		2.01	<0.005	0.06	8.08	5.6	2380	1.66	0.10	2.47	0.16	51.5	5.3	11	11.85	3.5
N828172		<0.02	<0.005	0.06	8.46	5.4	2420	1.81	0.09	2.59	0.15	59.1	5.5	10	12.15	3.6
N828173		2.85	<0.005	0.12	8.09	7.3	2250	1.62	0.11	1.85	0.40	49.0	6.7	9	14.95	7.9
N828174		2.38	<0.005	0.07	8.54	5.8	2260	1.69	0.09	3.16	0.13	57.9	9.3	15	14.35	15.3
N828175		2.65	<0.005	0.50	7.70	8.0	1860	1.53	0.17	3.34	0.28	54.0	6.6	7	14.25	229
N828176		4.14	0.042	0.75	7.67	32.8	1320	1.68	1.04	1.64	1.90	53.2	6.2	8	19.15	33.3
N828177		8.06	0.016	0.33	7.88	109.5	2210	1.54	0.20	2.51	3.05	57.2	7.2	13	13.45	17.5
N828178		12.22	<0.005	0.12	7.55	10.0	1970	1.52	0.11	2.40	0.64	50.6	7.2	10	14.55	11.4
N828179		1.31	<0.005	<0.01	0.08	<5	20	0.08	0.02	21.3	0.07	1.43	1.3	2	0.16	1.7
N828180		13.28	0.015	0.21	7.76	12.7	2050	1.38	0.24	2.11	0.25	50.7	6.9	11	20.6	13.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133939

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828145		2.85	16.60	0.10	1.2	0.071	1.78	21.2	9.6	0.90	690	0.74	2.03	7.4	3.0	670
N828146		6.34	15.35	0.14	0.9	1.840	2.65	24.2	28.7	0.89	1840	13.95	0.04	6.4	15.8	430
N828147		2.88	15.25	0.07	1.0	0.158	2.75	22.8	11.7	0.73	1430	1.58	0.55	6.5	2.9	540
N828148		2.38	16.55	0.10	1.0	0.089	2.69	25.4	11.0	0.69	798	0.93	1.65	7.9	1.8	580
N828149		3.29	17.55	0.10	1.0	0.046	2.68	23.7	22.5	0.72	549	1.35	1.66	8.3	2.8	580
N828150		2.94	17.35	0.09	1.1	0.069	2.70	23.6	16.9	0.81	771	1.18	2.12	8.3	2.4	580
N828151		3.21	17.10	0.10	1.0	0.108	3.00	20.9	12.0	0.75	1360	1.98	1.61	8.2	2.4	570
N828152		3.31	17.90	0.12	1.0	0.054	2.93	29.0	68.4	0.56	823	2.13	0.34	8.5	2.7	600
N828153		0.47	0.19	0.05	<0.1	<0.005	0.02	0.6	0.9	12.90	213	0.16	0.01	0.2	2.1	170
N828154		8.40	17.25	0.20	1.4	0.196	2.79	19.6	61.7	0.57	1700	5.69	0.05	5.9	4.1	750
N828155		3.68	18.50	0.14	1.1	0.161	3.57	22.9	23.4	0.65	1480	1.90	0.75	8.6	2.4	680
N828156		2.81	18.20	0.14	1.0	0.097	2.85	24.4	17.2	0.66	688	4.07	1.11	8.6	2.8	660
N828157		3.15	18.05	0.15	0.9	0.155	2.33	27.5	20.7	0.67	750	0.90	0.96	7.9	2.5	660
N828158		3.13	17.65	0.15	1.1	0.263	2.27	34.0	30.1	0.85	1140	1.35	0.14	8.1	2.9	610
N828159		2.95	16.00	0.14	0.9	0.368	2.37	32.8	23.8	0.71	1040	0.62	0.09	7.5	2.5	590
N828160		3.46	14.65	0.16	0.9	0.586	2.31	47.5	19.2	0.90	1320	1.17	0.28	5.9	2.4	490
N828161		3.81	16.15	0.16	1.3	0.286	2.27	28.6	25.2	1.14	1660	2.12	0.24	6.4	4.8	680
N828162		6.68	17.50	0.19	1.7	1.010	2.59	14.1	27.1	0.80	1880	6.16	0.06	5.7	5.5	910
N828163		4.55	15.10	0.16	1.1	0.786	2.75	24.5	18.2	0.78	1540	2.47	0.06	5.5	2.8	610
N828164		8.32	13.60	0.22	1.1	5.25	2.31	19.9	30.2	0.64	3130	15.00	0.09	5.8	15.0	470
N828165		4.66	18.20	0.15	1.6	0.328	2.64	31.5	15.2	0.65	1380	0.64	0.84	7.0	5.0	850
N828166		3.38	17.25	0.18	1.3	0.103	2.05	50.6	13.0	0.84	669	0.53	1.63	7.2	3.7	760
N828167		4.34	17.95	0.17	1.6	0.098	1.71	28.5	12.5	1.24	757	1.28	1.98	7.1	5.0	870
N828168		3.24	16.50	0.15	1.1	0.054	2.31	28.6	11.2	0.84	570	0.95	2.10	8.1	2.7	640
N828169		3.19	17.25	0.15	1.2	0.055	2.76	27.4	13.2	0.83	600	0.91	2.30	8.7	2.7	640
N828170		2.89	16.85	0.16	1.2	0.037	2.65	27.4	14.4	0.77	532	1.05	2.47	8.4	2.6	570
N828171		3.07	17.10	0.18	1.2	0.043	2.81	27.0	15.6	0.80	555	1.23	2.47	8.7	2.9	580
N828172		3.07	17.75	0.18	1.2	0.043	2.88	32.3	15.9	0.83	566	1.66	2.52	8.9	2.6	620
N828173		3.45	17.30	0.17	1.2	0.056	2.85	26.6	21.4	0.96	575	1.50	1.71	8.9	2.7	610
N828174		3.73	17.85	0.19	1.4	0.054	2.70	31.3	17.2	1.00	715	3.11	2.56	9.4	5.1	780
N828175		4.56	16.10	0.18	1.1	0.158	2.71	29.8	31.5	0.75	1600	1.46	1.22	8.1	2.5	570
N828176		5.87	16.15	0.20	1.0	0.223	2.78	29.6	69.2	0.75	2250	1.00	0.52	7.5	2.4	540
N828177		3.53	16.40	0.18	1.1	0.092	2.90	30.9	21.8	0.83	1060	1.09	1.98	8.2	2.6	580
N828178		3.62	16.00	0.18	1.1	0.073	2.71	26.5	27.8	0.78	1000	0.98	1.76	8.0	2.4	560
N828179		0.52	0.26	0.07	<0.1	<0.005	0.03	0.7	1.0	13.25	227	0.12	0.01	0.3	2.0	170
N828180		3.35	16.55	0.15	1.1	0.063	2.77	26.8	69.5	0.72	822	0.93	0.98	8.2	2.3	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133939

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828145		6.2	75.7	<0.002	1.91	2.58	11.5	1	4.2	307	0.58	0.34	10.2	0.246	1.11	3.6
N828146		2720	161.0	0.002	4.77	97.1	8.7	2	8.4	94.4	0.51	0.53	10.5	0.174	2.29	5.3
N828147		18.9	150.0	<0.002	1.38	3.76	10.0	<1	6.0	146.0	0.57	0.35	13.2	0.206	1.84	5.7
N828148		16.9	126.5	<0.002	0.42	3.32	11.0	<1	4.8	268	0.70	0.20	13.3	0.230	1.47	4.6
N828149		13.5	96.6	<0.002	0.57	7.42	10.8	<1	2.8	299	0.65	0.09	11.7	0.243	1.01	3.2
N828150		14.1	102.5	<0.002	0.34	2.11	11.3	1	2.5	351	0.67	0.07	11.9	0.242	1.22	3.4
N828151		40.4	104.0	<0.002	0.32	4.12	10.3	<1	2.7	293	0.63	0.07	11.2	0.243	1.54	3.4
N828152		34.0	128.0	<0.002	0.26	23.1	11.6	<1	2.0	133.5	0.68	0.07	14.0	0.252	1.39	4.3
N828153		2.7	1.3	<0.002	0.02	0.06	0.2	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828154		104.0	174.5	0.002	7.18	28.9	10.9	2	5.8	64.6	0.47	0.58	9.6	0.255	2.55	6.1
N828155		44.4	168.5	0.002	0.69	8.57	11.8	1	3.5	203	0.73	<0.05	11.0	0.270	2.47	4.2
N828156		20.8	122.5	0.002	0.29	8.39	12.1	1	3.7	231	0.68	0.05	10.5	0.277	1.58	3.3
N828157		23.7	106.0	<0.002	1.12	7.09	12.3	1	5.6	152.5	0.62	0.16	11.1	0.257	1.48	4.3
N828158		29.8	122.0	<0.002	0.98	17.15	11.9	1	5.1	84.2	0.71	0.12	12.9	0.254	1.63	6.1
N828159		37.2	133.0	<0.002	1.05	20.5	11.1	1	5.1	70.0	0.63	0.14	12.0	0.236	1.73	6.8
N828160		83.8	137.0	0.002	1.57	48.1	11.4	1	5.4	99.1	0.50	0.33	11.3	0.192	1.79	4.0
N828161		70.3	124.0	0.002	1.42	24.6	11.6	1	4.6	151.0	0.55	0.20	11.7	0.255	1.77	4.7
N828162		175.0	145.5	0.005	3.73	45.5	12.9	2	5.0	94.2	0.42	0.47	5.1	0.325	2.06	3.9
N828163		192.5	178.0	0.002	2.66	27.6	10.5	1	7.4	114.0	0.49	0.48	10.4	0.213	2.08	5.2
N828164		9670	141.5	0.002	7.36	222	8.0	2	8.8	123.0	0.48	0.47	8.7	0.185	2.20	5.2
N828165		97.4	127.0	<0.002	3.03	7.88	12.3	2	6.4	145.5	0.58	0.46	9.7	0.296	2.01	4.5
N828166		9.2	99.5	0.002	2.37	3.62	12.0	2	5.8	212	0.60	0.32	12.3	0.252	1.23	5.1
N828167		9.4	82.2	<0.002	3.22	2.31	13.0	2	5.8	312	0.56	0.38	10.5	0.311	1.07	5.0
N828168		15.5	96.9	<0.002	0.69	1.85	12.2	1	2.4	344	0.70	0.10	13.4	0.266	0.93	4.6
N828169		19.0	115.0	<0.002	0.16	1.93	11.7	1	1.9	391	0.82	<0.05	15.4	0.264	1.11	5.3
N828170		18.0	107.5	<0.002	0.06	1.57	11.1	1	1.6	398	0.79	<0.05	14.9	0.245	0.95	5.6
N828171		18.6	113.0	<0.002	0.01	2.03	11.2	1	1.7	433	0.77	<0.05	14.6	0.258	1.01	4.3
N828172		18.2	123.0	<0.002	0.01	2.03	12.0	1	1.7	446	0.83	<0.05	15.6	0.264	1.02	4.5
N828173		25.4	123.5	<0.002	0.02	3.04	11.8	1	2.0	327	0.81	<0.05	14.9	0.255	1.18	4.0
N828174		18.9	120.5	<0.002	0.01	2.86	14.3	1	2.2	462	0.79	<0.05	15.1	0.309	1.18	4.1
N828175		21.7	117.0	<0.002	0.08	6.55	10.7	1	2.4	279	0.72	<0.05	14.0	0.241	1.51	9.9
N828176		46.2	128.0	<0.002	0.26	14.60	10.5	1	3.8	140.5	0.63	0.09	14.2	0.232	2.14	4.5
N828177		123.5	121.0	<0.002	0.11	2.18	11.4	1	2.2	332	0.73	<0.05	14.3	0.248	1.44	4.7
N828178		60.8	113.0	<0.002	0.06	3.05	10.7	1	2.2	297	0.73	<0.05	13.1	0.243	1.46	4.9
N828179		1.8	1.5	<0.002	0.01	0.07	0.3	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828180		20.8	121.0	<0.002	0.09	11.40	11.0	1	2.2	221	0.74	0.05	13.2	0.253	1.42	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133939

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N828145		76	1.5	15.1	36	39.2		
N828146		57	5.4	10.3	5320	28.3		
N828147		66	6.7	17.1	49	26.3		
N828148		68	5.0	16.7	44	29.9		
N828149		71	2.3	15.6	45	28.9		
N828150		72	1.9	16.6	44	31.1		
N828151		71	2.5	14.6	79	27.7		
N828152		72	7.6	16.1	72	29.1		
N828153		<1	0.1	0.8	14	<0.5		
N828154		87	10.8	15.7	106	47.4		
N828155		75	3.0	15.6	102	30.5		
N828156		78	2.6	17.1	51	26.7		
N828157		77	2.0	20.3	183	26.3		
N828158		73	4.0	19.8	184	29.6		
N828159		67	4.6	17.4	223	26.3		
N828160		70	4.2	19.1	689	25.5		
N828161		78	4.4	20.9	175	43.1		
N828162		97	6.4	15.9	705	62.6		
N828163		73	7.9	15.6	966	34.0		
N828164		53	4.5	10.4	>10000	33.6	116	1.535
N828165		92	4.1	17.2	162	53.0		
N828166		86	1.6	19.6	40	44.0		
N828167		98	1.9	19.3	46	55.8		
N828168		77	1.6	17.6	41	29.8		
N828169		72	1.6	19.3	74	31.0		
N828170		67	1.3	18.0	44	32.5		
N828171		69	1.7	18.7	42	40.1		
N828172		71	1.7	20.2	42	32.6		
N828173		72	3.0	15.3	71	33.2		
N828174		92	2.4	22.7	49	37.8		
N828175		64	5.0	18.7	88	32.2		
N828176		63	7.2	13.7	259	27.0		
N828177		67	2.4	18.1	290	30.4		
N828178		66	3.3	17.0	96	30.5		
N828179		<1	0.1	0.9	18	<0.5		
N828180		71	3.6	17.7	63	32.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2012
Account: ROCKHA

Project: Klaza-64

CERTIFICATE OF ANALYSIS WH12133939

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

CERTIFICATE WH12133974

Project: Klaza-64/65

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

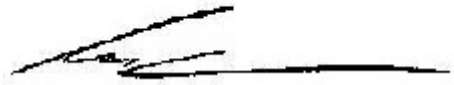
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

Project: Klaza-64/65

CERTIFICATE OF ANALYSIS WH12133974

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828217		11.30	0.010	0.27	7.41	26.2	2100	1.50	0.34	2.68	0.59	53.1	7.9	12	8.56	17.6
N828218		4.61	<0.005	0.10	7.45	8.4	2490	1.55	0.19	2.20	0.15	54.9	6.9	15	10.25	7.8
N828219		3.46	<0.005	0.32	7.18	9.4	1970	1.44	0.51	2.80	0.11	51.6	7.3	15	8.01	10.4
N828220		1.47	<0.005	0.55	7.34	8.1	2000	1.48	0.49	2.84	0.12	53.6	6.6	13	8.54	10.8
N828221		2.72	0.059	2.75	7.24	134.0	1410	1.42	1.86	2.01	11.00	55.8	8.9	12	10.65	104.0
N828222		5.72	0.038	1.15	6.99	74.9	1560	1.46	0.98	2.06	2.51	50.3	7.4	13	9.90	34.0
N828223		3.56	0.016	0.23	7.09	12.6	2060	1.34	0.44	2.45	0.63	51.6	8.5	12	9.21	7.5
N828224		2.61	<0.005	0.09	7.36	5.4	2490	1.32	0.18	2.21	0.12	55.0	7.0	14	8.49	11.9
N828225		1.37	<0.005	0.05	7.33	6.0	2540	1.40	0.12	2.30	0.12	48.4	7.7	9	8.98	8.6
N828226		9.95	0.033	0.70	7.36	101.0	2030	1.44	0.48	2.73	4.70	48.2	8.1	10	9.52	17.2
N828227		7.65	0.008	0.19	7.25	19.5	1770	1.37	0.30	1.98	0.32	47.6	6.7	10	14.65	8.1
N828228		4.61	0.377	22.9	7.11	259	950	1.46	30.1	1.75	5.28	49.1	7.1	9	16.90	505
N828229		4.82	<0.005	0.25	7.52	25.9	1950	1.80	0.34	2.05	2.00	71.9	7.0	15	18.30	13.4
N829001		4.29	0.065	3.27	6.26	64.9	1700	1.22	3.85	0.78	27.1	24.2	2.3	9	5.73	86.8
N829002		9.47	<0.005	0.39	7.41	21.4	1590	1.40	0.30	1.98	5.08	50.2	8.4	10	6.64	6.2
N829003		4.13	2.78	20.0	5.69	3190	360	0.89	8.75	0.43	578	25.7	17.4	8	5.75	461
N829004		2.87	<0.005	0.05	0.06	6	20	0.06	0.04	21.4	0.67	1.19	1.4	<1	0.12	2.9
N829005		5.18	0.007	0.57	7.92	43.8	1550	1.68	0.23	1.77	34.3	66.7	4.5	7	13.10	12.3
N829006		4.08	0.025	0.40	7.15	35.0	1110	1.40	0.22	2.66	9.82	43.3	57.7	9	5.73	4.1
N829007		6.97	0.005	0.12	7.31	12.5	1490	1.53	0.31	3.16	0.60	53.6	6.9	9	9.45	5.7
N829008		5.37	0.006	0.18	6.89	18.6	1570	1.50	0.44	3.20	1.85	44.8	8.9	9	9.21	2.1
N829009		<0.02	0.006	0.19	6.89	18.7	1570	1.44	0.42	3.19	1.90	45.4	9.2	8	9.43	1.9
N829010		6.64	<0.005	0.08	7.14	11.5	1650	1.44	0.35	2.75	5.40	52.2	5.5	8	8.87	2.4
N829011		5.80	0.006	0.40	6.82	10.0	1750	1.43	0.25	2.89	7.75	66.9	8.0	7	6.74	3.6
N829012		4.04	0.008	0.45	7.11	12.8	1730	1.33	0.34	2.40	8.94	41.1	17.2	9	4.38	4.4
N829013		4.72	0.006	0.19	6.88	14.7	1400	1.32	0.32	3.28	0.60	42.9	5.8	7	5.62	5.3
N829014		0.31	2.39	25.0	5.90	3450	270	1.23	18.55	2.22	78.8	44.5	10.1	16	14.50	428
N829015		4.40	<0.005	0.26	7.33	14.1	1500	1.63	0.38	2.93	0.64	49.9	4.5	12	13.95	14.5
N829016		12.20	<0.005	0.16	7.19	8.8	1600	1.40	0.24	2.68	0.47	50.1	7.3	9	8.97	3.8
N829017		11.51	<0.005	0.18	6.75	11.9	1370	1.43	0.23	2.85	0.84	47.6	7.4	11	7.31	2.7
N829018		3.19	0.005	0.32	6.56	15.2	1050	1.33	0.42	2.57	1.51	20.2	13.5	9	6.04	2.7
N829019		2.27	<0.005	0.01	0.12	<5	20	0.09	0.02	21.3	0.08	1.74	1.4	<1	0.65	1.5
N829020		5.48	0.278	4.12	6.77	96.2	1160	1.27	2.67	1.41	72.9	49.0	15.8	12	6.65	97.6
N829021		13.33	0.011	0.41	6.71	13.5	940	1.49	0.53	3.19	4.65	52.6	4.6	8	12.75	11.9
N829022		0.32	4.38	>100	5.42	8240	1150	1.12	62.1	1.96	222	40.1	8.6	15	12.40	1240
N829023		11.87	0.035	0.66	7.25	24.0	1180	1.55	0.68	2.81	4.53	71.2	9.7	8	10.30	10.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

Project: Klaza-64/65

CERTIFICATE OF ANALYSIS WH12133974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828217		2.97	15.95	0.16	1.1	0.060	2.68	28.1	15.5	0.81	680	3.11	1.88	7.2	2.4	540
N828218		3.08	16.75	0.19	1.1	0.053	2.67	26.7	15.0	0.90	600	1.72	2.39	7.8	2.8	580
N828219		2.91	15.25	0.18	1.0	0.060	2.56	26.0	9.6	0.78	662	1.61	1.82	6.9	2.5	550
N828220		2.86	15.35	0.19	1.0	0.071	2.60	28.8	10.1	0.78	671	1.53	1.78	7.1	2.7	560
N828221		3.56	15.65	0.21	0.9	0.329	2.74	29.4	19.7	0.83	775	1.28	0.37	7.1	2.6	540
N828222		3.24	15.20	0.16	0.9	0.076	2.61	25.4	16.0	0.77	766	1.30	1.10	7.0	2.5	560
N828223		3.14	14.80	0.15	1.0	0.087	2.58	26.0	17.6	0.90	744	1.34	1.31	6.6	2.3	540
N828224		2.99	15.50	0.18	1.0	0.039	2.66	26.2	14.2	0.86	571	1.20	2.29	7.0	2.5	560
N828225		3.07	17.55	0.20	0.9	0.037	2.74	24.5	18.3	0.88	572	1.99	2.38	8.7	2.3	580
N828226		3.30	17.60	0.22	1.0	0.088	2.74	23.8	18.3	0.79	918	1.51	1.93	9.0	2.2	570
N828227		4.14	16.40	0.22	0.9	0.119	2.69	24.3	53.4	0.82	1500	2.43	1.48	8.3	2.1	570
N828228		5.66	16.30	0.23	0.9	0.574	2.94	26.1	27.4	0.78	2420	2.60	0.85	7.7	2.3	520
N828229		3.23	19.45	0.22	3.3	0.311	2.17	37.1	246	0.86	1260	1.47	0.05	11.4	4.8	1120
N829001		3.91	15.65	0.20	0.9	0.616	2.78	10.8	18.7	0.41	2090	6.13	0.05	5.0	1.7	460
N829002		2.13	18.30	0.19	1.0	0.072	2.90	24.6	50.1	0.41	1460	2.49	0.08	6.4	2.6	600
N829003		6.22	15.95	0.22	0.7	24.5	2.30	11.2	9.3	0.45	2440	5.91	0.10	5.2	2.6	430
N829004		0.49	0.29	0.21	<0.1	0.035	0.02	0.6	1.0	12.90	216	0.07	<0.01	0.3	0.3	160
N829005		2.83	18.45	0.24	1.1	0.148	2.94	36.0	26.0	0.50	1280	1.50	0.90	8.2	1.8	590
N829006		3.07	17.80	0.21	0.9	0.177	2.80	21.5	34.2	0.70	1740	0.66	0.17	6.3	4.0	600
N829007		2.92	17.90	0.22	1.1	0.044	2.05	26.4	11.5	0.64	684	1.69	2.09	8.0	2.1	560
N829008		2.61	16.95	0.20	1.0	0.035	2.28	21.3	15.5	0.54	1040	0.81	1.45	6.7	2.7	580
N829009		2.57	16.95	0.21	0.9	0.035	2.27	21.5	14.8	0.54	1050	0.86	1.44	6.6	2.6	560
N829010		2.56	17.00	0.21	0.9	0.041	1.96	26.1	14.2	0.50	568	0.84	1.93	6.8	2.2	570
N829011		2.43	16.95	0.21	0.9	0.063	2.04	33.9	17.4	0.61	872	1.04	1.37	6.0	1.7	550
N829012		2.58	16.40	0.20	0.8	0.133	2.73	19.5	23.0	0.86	1050	1.20	0.32	5.7	2.7	520
N829013		2.52	16.20	0.20	1.0	0.067	2.08	19.8	24.3	0.52	1020	1.15	1.43	6.5	1.4	600
N829014		6.74	14.00	0.25	1.0	1.710	2.53	23.5	28.3	0.91	1840	13.35	0.04	6.4	14.2	430
N829015		2.98	16.85	0.21	1.0	0.067	1.67	24.5	47.2	0.51	861	1.45	1.87	8.4	2.2	600
N829016		2.53	16.95	0.19	1.0	0.049	2.09	24.8	31.2	0.62	561	1.19	1.46	7.7	2.6	600
N829017		1.96	16.95	0.20	0.9	0.084	2.29	23.3	19.7	0.50	811	7.29	1.13	6.9	1.9	570
N829018		1.99	17.85	0.17	0.9	0.082	2.62	6.1	21.4	0.45	869	13.05	0.14	6.5	3.4	570
N829019		0.49	0.51	0.23	<0.1	0.005	0.05	0.8	1.7	13.10	214	0.10	0.01	0.5	0.2	200
N829020		5.22	14.85	0.20	0.9	3.26	2.67	24.2	49.7	0.58	3090	6.41	0.10	5.5	2.8	520
N829021		2.27	17.00	0.19	1.0	0.272	1.68	26.6	26.9	0.45	778	1.52	1.62	8.0	1.4	550
N829022		8.21	12.80	0.26	1.1	4.90	2.22	20.8	39.3	0.63	2930	15.50	0.08	6.0	12.6	440
N829023		3.36	18.10	0.20	1.0	0.168	2.07	39.6	42.9	0.78	1140	1.10	0.94	7.4	2.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

Project: Klaza-64/65

CERTIFICATE OF ANALYSIS WH12133974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828217		26.6	109.5	0.002	0.14	2.82	10.5	1	2.1	352	0.64	<0.05	14.4	0.236	1.08	4.6
N828218		17.6	100.0	0.004	0.03	1.95	11.9	1	1.9	475	0.64	<0.05	14.1	0.256	0.99	4.3
N828219		17.0	99.1	0.003	0.19	3.09	10.2	1	2.5	328	0.58	0.15	13.5	0.241	1.21	4.3
N828220		17.1	104.5	0.004	0.16	3.13	10.8	1	2.8	331	0.59	0.24	13.6	0.241	1.22	4.2
N828221		386	145.0	0.003	0.89	9.21	10.8	1	3.4	148.0	0.58	0.17	14.7	0.236	1.74	4.3
N828222		176.0	116.5	0.002	0.44	4.80	10.8	1	4.1	254	0.60	0.09	13.1	0.240	1.46	3.5
N828223		31.3	106.0	0.002	0.24	3.16	10.3	1	2.2	318	0.58	0.08	12.7	0.233	1.11	3.8
N828224		16.5	103.0	0.002	0.01	1.76	10.5	<1	1.6	467	0.59	<0.05	14.8	0.245	1.15	4.3
N828225		15.4	103.0	<0.002	0.01	1.85	10.0	1	1.7	475	0.59	<0.05	11.9	0.257	0.94	2.9
N828226		73.2	114.0	<0.002	0.32	2.70	10.4	1	2.0	358	0.62	<0.05	11.5	0.251	1.10	3.3
N828227		24.2	116.0	<0.002	0.12	3.77	9.7	1	2.8	301	0.60	<0.05	11.5	0.241	1.29	3.3
N828228		466	150.0	<0.002	1.74	31.4	9.1	1	3.8	218	0.56	0.16	11.2	0.223	1.84	3.7
N828229		15.5	93.3	<0.002	0.18	14.00	7.0	1	2.6	394	0.66	<0.05	9.1	0.325	1.19	3.3
N829001		580	160.5	<0.002	0.56	9.55	7.9	1	2.0	27.9	0.38	0.07	11.3	0.151	1.94	3.4
N829002		75.8	149.5	<0.002	0.26	5.34	9.7	1	2.2	57.9	0.46	0.05	12.9	0.186	2.02	3.3
N829003		1675	133.5	<0.002	4.37	70.9	7.7	4	5.9	38.2	0.39	0.17	9.4	0.158	1.83	3.8
N829004		3.8	1.3	<0.002	0.02	0.19	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829005		235	158.0	<0.002	0.15	7.30	10.7	1	2.9	182.5	0.63	<0.05	15.0	0.238	1.87	3.9
N829006		142.5	160.0	<0.002	1.29	3.96	9.2	1	2.8	94.0	0.48	0.08	13.9	0.179	2.10	3.9
N829007		11.9	96.8	<0.002	0.35	3.84	10.3	1	2.3	326	0.59	<0.05	11.4	0.232	1.28	3.5
N829008		19.3	103.5	<0.002	0.57	3.56	9.5	1	2.0	242	0.50	0.05	10.1	0.205	1.47	3.0
N829009		18.3	106.5	<0.002	0.61	3.59	9.3	1	2.0	242	0.50	0.06	10.3	0.201	1.46	3.0
N829010		9.3	97.1	<0.002	0.29	3.87	9.6	1	2.2	277	0.48	0.05	10.1	0.201	1.17	2.3
N829011		104.0	83.8	<0.002	0.36	4.23	9.4	1	2.3	210	0.45	0.05	9.7	0.186	1.37	2.3
N829012		164.5	136.0	<0.002	0.69	4.51	8.4	1	2.6	103.5	0.38	0.07	11.8	0.174	1.96	3.2
N829013		20.4	79.5	<0.002	0.38	3.23	8.7	1	2.6	199.0	0.48	<0.05	9.8	0.200	1.38	3.1
N829014		2810	163.5	<0.002	4.71	93.1	7.5	2	8.3	92.6	0.45	0.37	9.8	0.174	2.07	4.7
N829015		28.6	80.3	<0.002	0.17	4.37	10.5	1	2.6	341	0.62	<0.05	11.7	0.250	1.14	3.4
N829016		17.2	86.2	<0.002	0.24	3.53	9.6	1	2.7	265	0.58	0.05	10.6	0.231	1.34	3.4
N829017		24.7	101.0	0.002	0.22	3.41	9.4	1	2.5	197.0	0.49	<0.05	9.9	0.205	1.67	3.0
N829018		21.9	120.5	0.005	0.58	6.57	9.1	1	2.8	86.7	0.46	0.09	9.1	0.187	2.23	3.2
N829019		1.2	4.8	<0.002	<0.01	0.05	0.3	1	<0.2	48.3	<0.05	<0.05	0.2	<0.005	0.02	0.4
N829020		1105	161.0	0.005	1.58	5.94	9.3	1	4.3	49.3	0.41	0.08	11.8	0.168	2.15	3.8
N829021		98.5	77.7	<0.002	0.18	3.19	9.0	1	3.5	266	0.59	<0.05	10.2	0.228	1.25	3.3
N829022		9520	141.0	0.002	6.98	211	7.0	3	9.4	127.0	0.43	0.50	8.6	0.177	2.01	4.7
N829023		171.5	110.5	<0.002	0.39	5.17	10.4	1	3.8	179.0	0.55	0.06	12.4	0.213	1.53	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

Project: Klaza-64/65

CERTIFICATE OF ANALYSIS WH12133974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N828217		65	3.1	17.1	70	26.7		
N828218		70	1.7	17.3	45	28.0		
N828219		67	2.1	15.9	45	23.5		
N828220		66	2.0	16.7	45	24.5		
N828221		65	4.0	15.4	970	25.2		
N828222		68	2.7	13.5	237	24.0		
N828223		65	3.8	16.0	83	24.0		
N828224		66	2.2	16.7	38	26.1		
N828225		69	1.9	17.3	40	26.6		
N828226		69	2.4	17.2	438	29.9		
N828227		66	4.2	15.1	74	24.9		
N828228		60	6.1	13.2	496	26.4		
N828229		62	2.2	11.3	204	140.0		
N829001		61	5.1	8.4	2160	24.1		
N829002		61	2.0	12.7	584	28.3		
N829003		65	3.9	6.1	>10000	20.6		3.53
N829004		1	0.1	0.8	51	<0.5		
N829005		68	2.4	15.8	1700	29.6		
N829006		70	3.3	12.5	667	25.0		
N829007		71	1.3	15.6	92	28.7		
N829008		67	1.8	11.4	162	25.8		
N829009		66	1.8	11.5	162	25.8		
N829010		68	1.3	12.3	436	26.3		
N829011		71	2.2	10.9	670	25.3		
N829012		50	3.2	10.8	666	22.8		
N829013		64	2.2	11.4	90	25.3		
N829014		55	5.1	10.1	5350	25.8		
N829015		69	1.7	15.7	96	28.1		
N829016		71	1.6	12.2	88	26.8		
N829017		68	1.6	11.5	125	25.5		
N829018		88	1.3	10.0	172	24.7		
N829019		2	0.1	1.1	17	<0.5		
N829020		69	3.4	9.3	5280	21.6		
N829021		68	1.5	12.5	422	28.8		
N829022		52	4.5	9.8	>10000	33.4	116	1.590
N829023		81	2.2	13.1	392	28.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUN-2012
Account: ROCKHA

Project: Klaza-64/65

CERTIFICATE OF ANALYSIS WH12133974

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

CERTIFICATE WH12138694

Project: Klaza - 65

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138694

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829024		8.30	0.006	0.51	6.51	18.7	1290	1.52	0.56	2.72	4.29	62.2	3.4	10	7.48	11.5
N829025		6.09	0.123	1.38	7.51	43.4	1140	1.71	1.47	2.09	10.30	90.4	9.0	10	12.90	42.9
N829026		4.94	0.035	2.58	7.07	82.7	880	2.30	1.98	2.42	12.25	52.5	3.6	8	15.30	105.5
N829027		9.77	0.006	0.17	6.62	10.0	170	3.31	0.23	0.56	0.11	18.15	0.6	3	21.7	6.8
N829028		3.84	<0.005	0.17	6.92	9.5	920	3.26	0.53	0.63	0.13	18.40	0.3	3	21.9	2.8
N829029		4.60	0.436	5.08	7.43	78.1	1510	2.11	2.63	2.03	16.25	32.7	4.3	7	15.40	45.0
N829030		4.45	<0.005	0.17	7.30	15.3	2300	1.55	0.54	3.33	0.21	48.4	4.8	10	12.60	3.1
N829031		2.17	<0.005	0.17	6.72	15.6	2210	1.43	0.41	3.23	0.22	50.6	5.2	9	11.45	3.4
N829032		13.50	0.054	0.19	7.06	248	2470	1.42	0.20	3.06	0.19	40.3	5.1	8	18.05	6.9
N829033		12.46	<0.005	0.11	6.76	9.1	1400	1.36	0.16	3.42	0.14	41.1	5.4	8	10.40	3.7
N829034		12.43	<0.005	0.13	6.75	13.3	1210	1.21	0.20	2.96	0.17	34.5	4.4	9	11.20	2.6
N829035		12.58	<0.005	0.12	7.20	14.2	1890	1.26	0.18	2.89	0.12	51.9	5.2	8	15.05	3.5
N829036		6.90	<0.005	0.10	7.38	9.4	1420	1.25	0.18	3.15	0.13	56.6	5.0	9	13.55	2.9
N829037		<0.02	<0.005	0.09	7.06	9.4	1410	1.25	0.17	3.08	0.10	57.5	5.1	8	13.35	2.8
N829038		5.80	<0.005	0.11	6.38	10.6	870	1.28	0.21	3.61	0.15	50.0	6.2	16	12.55	2.9
N829039		4.65	0.017	0.18	6.80	114.0	1550	1.16	0.17	3.14	0.25	44.9	4.2	8	13.70	3.1
N829040		3.57	0.092	1.01	6.85	191.5	1540	1.22	0.92	3.28	24.5	42.3	4.8	7	21.4	19.9
N829041		11.06	<0.005	0.12	7.24	12.3	2150	1.19	0.10	2.73	0.19	41.8	5.4	9	20.5	4.4
N829042		11.88	0.047	0.17	6.89	213	1320	1.03	0.17	2.24	0.20	48.5	4.3	8	15.35	3.2
N829043		2.38	<0.005	0.01	0.10	<5	20	0.06	0.02	21.0	0.10	1.58	1.3	1	0.23	1.4
N829044		3.21	0.118	1.33	6.71	171.0	660	1.06	0.56	2.90	14.60	53.9	5.0	6	10.25	12.1
N829045		3.98	0.020	0.56	7.31	20.3	1690	1.09	0.18	3.33	7.54	73.5	3.7	9	8.16	8.1
N829046		2.89	<0.005	0.17	7.41	20.4	1060	1.13	0.12	1.90	0.16	43.6	4.2	8	17.05	3.6
N829047		4.24	<0.005	0.12	6.44	10.3	1160	1.19	0.15	3.41	0.10	53.3	3.5	8	10.65	1.9
N829048		4.57	<0.005	0.01	0.07	<5	20	0.06	0.05	20.9	0.07	1.37	1.1	<1	0.25	1.1
N829049		3.95	<0.005	0.26	6.37	8.8	930	1.34	0.30	3.85	0.77	28.3	3.8	7	6.21	2.8
N829050		3.16	0.019	0.27	6.13	10.4	910	1.06	0.15	2.99	1.94	21.9	4.8	8	6.04	2.5
N829051		2.98	0.044	0.37	7.16	19.5	760	1.27	0.19	2.81	2.23	43.7	4.1	7	11.40	4.5
N829052		4.12	0.352	3.51	6.86	84.5	740	1.16	3.35	3.07	97.7	50.6	4.5	8	10.70	103.0
N829053		6.36	<0.005	0.27	6.90	11.2	830	1.44	0.18	3.28	1.22	50.4	3.5	8	14.15	26.9
N829054		0.28	4.41	>100	5.44	8500	210	1.06	60.2	1.93	232	34.0	8.6	18	12.55	1265
N829055		6.12	0.016	0.53	6.40	25.3	1150	1.18	0.33	3.13	7.72	46.6	3.3	7	7.66	8.9
N829056		3.46	0.086	2.24	6.30	79.2	700	1.13	2.32	3.60	14.05	44.9	4.2	8	7.58	28.2
N829057		2.96	<0.005	0.21	6.48	19.4	740	1.21	0.22	3.32	0.70	54.5	2.8	8	11.70	4.1
N829058		0.30	0.730	8.75	6.66	1825	860	1.19	6.15	1.84	40.3	44.9	15.7	20	17.20	104.5
N829059		4.30	0.005	0.15	6.72	16.1	1300	1.16	0.24	3.02	0.17	51.3	4.5	8	12.25	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138694

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829024		1.84	17.50	0.11	0.9	0.139	2.75	31.2	60.7	0.59	1230	1.16	0.10	6.5	2.5	570
N829025		3.54	17.85	0.15	0.9	0.278	2.79	51.1	28.3	0.75	1860	0.84	0.06	6.9	2.5	610
N829026		3.35	17.30	0.12	0.9	0.382	2.34	25.9	58.1	0.65	2930	1.87	0.05	8.3	1.8	570
N829027		0.59	21.6	0.09	2.9	0.037	1.85	7.9	53.6	0.20	585	1.08	0.03	24.5	0.4	30
N829028		0.65	21.3	0.11	3.0	0.025	1.88	8.1	66.2	0.22	603	1.16	0.04	23.2	0.5	30
N829029		2.13	17.05	0.12	1.3	0.312	2.99	13.9	24.5	0.53	1510	1.86	0.06	9.6	2.2	500
N829030		2.57	17.00	0.15	1.1	0.041	3.00	22.5	9.2	0.64	761	0.66	0.88	7.2	2.5	610
N829031		2.38	17.05	0.13	1.1	0.044	2.92	24.3	8.0	0.59	755	0.72	0.70	7.1	2.6	540
N829032		2.43	16.45	0.12	1.2	0.038	2.59	19.2	39.3	0.57	687	0.67	0.88	8.1	2.4	590
N829033		2.10	16.30	0.11	1.0	0.038	1.69	19.2	17.0	0.69	732	1.53	1.79	7.8	2.4	560
N829034		1.86	16.60	0.11	1.0	0.068	1.95	15.5	26.4	0.71	660	2.17	1.64	8.2	2.0	580
N829035		2.56	15.95	0.13	1.0	0.050	1.81	26.6	11.6	0.74	615	0.88	2.38	7.9	2.4	580
N829036		2.35	16.40	0.14	1.0	0.052	1.57	29.1	9.7	0.77	556	0.58	2.59	8.1	2.3	600
N829037		2.29	16.15	0.13	1.0	0.052	1.55	30.1	9.5	0.74	550	1.22	2.56	8.2	2.3	580
N829038		1.60	16.65	0.13	1.1	0.053	1.58	24.3	9.6	0.56	661	1.15	2.05	7.7	2.1	560
N829039		2.23	15.45	0.13	1.0	0.051	2.32	20.9	21.7	0.78	792	1.84	1.35	7.4	2.3	570
N829040		2.92	14.95	0.14	1.0	0.460	2.15	20.2	17.2	0.72	1540	1.48	1.09	7.4	2.1	550
N829041		2.83	15.15	0.13	1.1	0.037	2.70	20.1	10.5	0.75	609	1.61	1.99	8.0	2.4	570
N829042		2.42	15.55	0.14	1.1	0.060	2.13	24.2	78.7	0.60	795	1.54	0.14	7.5	2.2	540
N829043		0.49	0.27	0.09	<0.1	<0.005	0.03	0.8	1.3	12.90	222	0.07	0.01	0.3	2.5	170
N829044		2.83	14.55	0.15	0.9	0.319	1.81	30.1	123.5	1.05	1480	2.69	0.05	6.1	2.3	510
N829045		2.03	16.80	0.18	0.9	0.105	2.80	42.6	49.1	1.21	999	0.46	0.11	5.6	1.6	530
N829046		2.37	17.30	0.13	1.1	0.044	1.44	21.7	52.0	0.54	689	0.73	0.07	8.5	2.1	610
N829047		2.11	15.15	0.15	1.0	0.046	1.55	27.6	14.0	0.64	633	0.42	1.42	7.0	2.2	540
N829048		0.46	0.24	0.09	<0.1	<0.005	0.03	0.7	1.0	12.85	211	0.06	<0.01	0.3	2.3	170
N829049		1.64	16.05	0.15	0.9	0.105	2.45	10.4	19.7	0.66	864	0.49	0.66	6.9	3.7	550
N829050		1.57	13.75	0.15	0.8	0.100	2.29	7.5	28.0	0.98	865	5.80	0.18	5.3	2.1	410
N829051		1.72	17.30	0.15	1.1	0.066	2.16	19.8	41.5	0.58	845	0.40	0.11	9.3	4.0	770
N829052		2.50	15.85	0.16	1.0	4.37	2.04	25.3	30.7	0.60	1040	0.59	0.15	7.8	2.5	570
N829053		2.58	16.15	0.15	1.1	0.125	1.86	25.4	68.1	0.55	646	0.68	0.52	7.7	2.2	580
N829054		7.99	12.05	0.19	1.1	4.70	2.27	16.8	28.3	0.62	3130	16.15	0.08	5.9	13.4	460
N829055		1.86	14.35	0.12	0.7	0.120	2.56	23.6	16.4	0.89	1280	1.05	0.47	5.7	1.4	510
N829056		1.87	15.05	0.13	0.9	0.358	1.99	21.7	9.4	0.59	1220	0.34	1.21	6.4	1.9	520
N829057		1.83	15.40	0.14	1.0	0.087	2.38	27.4	9.2	0.53	1300	0.50	0.71	7.1	1.5	550
N829058		5.18	14.15	0.17	1.3	0.891	2.79	23.7	19.2	0.68	1960	12.40	0.26	7.6	14.7	500
N829059		2.53	15.25	0.13	1.1	0.076	2.09	25.7	12.7	0.73	828	1.64	1.30	7.5	2.1	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138694

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829024		148.0	121.5	<0.002	0.25	4.57	9.5	1	3.9	89.2	0.54	<0.05	10.7	0.220	2.15	5.2
N829025		254	159.0	<0.002	0.87	6.39	10.7	1	5.5	114.5	0.54	0.08	12.7	0.233	2.44	5.3
N829026		431	123.0	<0.002	0.81	19.95	10.4	1	4.6	189.0	0.58	<0.05	11.2	0.245	2.26	5.9
N829027		47.4	151.0	<0.002	0.05	4.67	3.4	1	3.1	65.2	2.52	<0.05	24.5	0.034	1.21	8.7
N829028		43.9	154.0	<0.002	0.06	5.42	3.5	1	3.5	73.0	2.56	<0.05	24.7	0.035	1.17	9.2
N829029		584	166.0	<0.002	0.79	16.40	9.8	1	4.3	102.5	0.79	0.05	13.9	0.217	2.27	8.0
N829030		14.8	121.0	<0.002	0.24	13.85	11.7	1	2.1	210	0.59	<0.05	11.7	0.234	1.79	5.0
N829031		14.0	128.0	<0.002	0.25	19.40	11.0	1	2.1	183.0	0.58	<0.05	12.5	0.225	1.89	5.0
N829032		19.8	100.5	<0.002	0.29	12.50	9.8	1	2.5	239	0.66	<0.05	9.9	0.253	1.61	4.9
N829033		11.7	55.5	<0.002	0.13	4.10	8.9	1	2.2	317	0.59	<0.05	8.5	0.238	1.07	4.1
N829034		22.7	69.3	<0.002	0.20	5.93	9.6	1	2.5	264	0.59	<0.05	8.8	0.253	1.55	3.7
N829035		13.4	67.1	<0.002	0.19	3.40	9.7	1	2.2	383	0.57	<0.05	10.1	0.243	0.99	3.3
N829036		12.2	57.1	<0.002	0.13	3.19	10.0	1	2.3	421	0.58	<0.05	10.6	0.253	0.85	3.6
N829037		11.8	55.8	<0.002	0.14	3.21	9.7	1	2.3	410	0.58	<0.05	10.3	0.249	0.85	3.5
N829038		12.6	88.3	<0.002	0.25	5.62	10.2	1	2.3	344	0.57	<0.05	13.5	0.235	1.40	4.7
N829039		15.1	75.5	<0.002	0.12	7.13	8.7	1	2.0	260	0.56	<0.05	8.9	0.234	1.48	3.3
N829040		104.5	80.6	<0.002	0.65	10.80	8.7	1	2.1	228	0.54	<0.05	9.7	0.226	1.49	3.8
N829041		16.7	84.7	<0.002	0.06	3.55	9.0	1	1.7	353	0.62	<0.05	10.2	0.250	1.03	3.4
N829042		20.1	73.1	<0.002	0.22	24.2	8.8	1	2.1	132.0	0.58	<0.05	10.4	0.224	1.38	3.6
N829043		1.8	1.4	<0.002	0.02	0.13	0.3	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829044		523	102.0	<0.002	0.87	21.6	9.1	1	2.3	129.5	0.44	<0.05	11.0	0.196	1.88	5.0
N829045		238	136.5	<0.002	0.35	6.56	9.1	1	2.7	107.0	0.41	<0.05	11.3	0.183	2.18	4.5
N829046		13.3	56.8	<0.002	0.15	15.00	10.7	1	2.3	92.5	0.63	<0.05	11.3	0.260	1.26	5.0
N829047		12.5	74.9	<0.002	0.12	4.89	9.4	1	2.0	251	0.54	<0.05	10.6	0.220	1.22	4.1
N829048		1.3	1.4	<0.002	0.01	<0.05	0.3	1	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N829049		43.0	109.0	<0.002	0.24	4.36	8.4	1	2.4	143.5	0.51	<0.05	10.3	0.212	2.23	6.0
N829050		113.0	125.0	0.009	0.24	8.87	7.7	1	1.9	114.0	0.44	<0.05	11.4	0.163	1.94	4.6
N829051		185.5	84.3	<0.002	0.25	10.05	10.5	1	2.9	105.0	0.67	<0.05	9.8	0.283	2.06	5.4
N829052		292	86.4	<0.002	1.16	12.50	9.4	1	2.6	104.5	0.60	<0.05	10.7	0.232	1.79	4.5
N829053		17.5	76.7	<0.002	0.12	6.81	9.2	1	5.2	215	0.57	<0.05	9.9	0.239	1.47	4.5
N829054		9180	114.5	0.002	7.13	216	6.7	2	8.9	122.0	0.43	0.50	7.3	0.182	1.96	4.6
N829055		142.0	130.5	<0.002	0.35	8.06	7.9	1	3.4	142.0	0.42	<0.05	8.7	0.181	2.42	3.3
N829056		403	105.0	<0.002	0.79	5.64	8.9	1	2.6	212	0.48	0.09	10.8	0.194	1.80	4.1
N829057		33.7	122.0	<0.002	0.22	5.14	9.6	1	3.0	161.0	0.54	<0.05	11.4	0.220	2.22	4.7
N829058		1260	146.0	<0.002	3.03	33.7	8.0	1	5.9	152.0	0.59	0.36	10.5	0.206	2.21	4.5
N829059		14.0	80.5	<0.002	0.25	5.91	8.8	1	2.4	245	0.55	<0.05	9.0	0.234	1.49	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138694

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829024		66	2.2	10.8	363	25.5		
N829025		66	5.3	11.8	952	25.3		
N829026		66	4.1	12.8	1190	26.4		
N829027		<1	1.5	14.1	51	53.5		
N829028		<1	1.6	12.0	74	56.9		
N829029		55	3.3	12.4	1420	32.7		
N829030		84	2.0	14.2	58	29.3		
N829031		78	2.3	13.6	58	29.3		
N829032		71	1.9	14.2	53	31.8		
N829033		65	0.8	13.2	46	28.9		
N829034		71	1.1	11.1	45	28.5		
N829035		68	1.1	15.8	52	28.0		
N829036		71	0.7	16.7	47	28.5		
N829037		70	0.7	16.2	47	29.5		
N829038		72	0.8	16.5	49	32.6		
N829039		71	1.0	12.8	56	30.0		
N829040		65	2.2	13.9	1690	28.7		
N829041		68	2.0	15.3	51	31.6		
N829042		65	3.7	13.7	53	30.8		
N829043		2	0.1	0.9	23	0.5		
N829044		61	4.4	12.2	1060	24.2		
N829045		67	1.5	13.2	552	24.2		
N829046		74	2.5	14.9	58	32.6		
N829047		63	1.1	15.5	45	27.7		
N829048		2	0.1	0.8	17	<0.5		
N829049		68	1.4	12.5	89	26.8		
N829050		66	1.5	10.8	166	22.2		
N829051		79	2.1	12.8	196	31.7		
N829052		71	1.8	14.7	6250	29.6		
N829053		71	2.2	14.8	124	28.8		
N829054		53	4.5	9.0	>10000	32.8	118	1.675
N829055		55	2.7	11.9	647	20.6		
N829056		60	1.2	13.0	1290	25.2		
N829057		64	1.6	14.4	93	27.6		
N829058		58	4.8	11.0	3020	40.4		
N829059		70	1.3	13.7	50	29.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138694

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

CERTIFICATE WH12138695

Project: Klaza - 65

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138695

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829060		4.28	<0.005	0.06	7.09	6.6	1750	1.28	0.13	2.68	0.07	43.0	5.0	8	16.80	3.9
N829061		7.00	<0.005	0.10	7.17	6.7	1540	1.22	0.18	2.91	0.12	49.6	4.9	10	10.15	2.3
N829062		5.26	0.011	0.39	6.90	15.4	990	1.12	0.42	2.58	2.32	41.2	6.9	8	7.67	5.6
N829063		4.22	<0.005	0.01	0.07	<5	20	0.06	0.02	20.3	0.09	1.32	1.1	<1	0.17	1.4
N829064		3.44	0.796	19.10	6.12	403	430	1.21	26.5	1.69	217	42.4	3.8	8	7.64	633
N829065		4.23	0.017	0.80	7.13	41.6	770	1.29	0.48	2.78	12.65	43.8	4.6	11	6.93	10.0
N829066		0.24	2.24	23.7	6.09	3630	1440	1.23	19.40	2.20	79.1	45.5	10.3	19	15.55	438
N829067		3.66	0.005	0.51	6.63	15.7	710	1.16	0.32	2.89	3.26	25.7	4.8	9	9.21	7.0
N829068		3.68	0.070	1.03	6.35	79.5	810	1.58	1.20	3.02	13.90	29.2	14.9	14	13.05	39.0
N829069		3.25	<0.005	0.30	6.88	10.1	640	1.31	0.29	3.36	1.08	31.9	5.2	11	6.75	4.1
N829070		5.14	0.005	0.23	6.53	13.5	500	1.61	0.21	3.07	0.78	39.2	2.5	9	5.59	14.5
N829071		8.74	0.014	0.68	6.86	41.3	1120	1.45	0.60	2.11	6.99	41.5	5.3	15	7.34	14.9
N829072		4.46	0.013	0.61	6.71	41.6	980	1.54	0.51	2.15	6.77	41.5	5.1	11	7.69	14.1
N829073		3.84	1.470	10.80	6.38	845	640	1.29	7.23	1.05	167.5	45.5	16.7	11	8.06	340
N829074		4.36	<0.005	0.03	0.07	<5	20	0.06	0.04	20.3	0.29	1.37	1.2	2	0.21	2.2
N829075		4.30	0.042	1.29	7.45	162.0	700	1.65	1.48	2.73	3.41	52.5	4.9	14	14.20	42.5
N829076		3.37	<0.005	0.16	6.81	10.9	610	1.52	0.37	3.45	0.20	33.4	5.7	10	8.33	2.3
N829077		11.87	<0.005	0.11	7.37	10.9	1550	1.47	0.31	3.11	0.19	48.4	6.3	13	10.15	3.4
N829078		13.41	<0.005	0.10	7.69	7.5	2340	1.57	0.16	2.19	0.11	51.9	6.2	13	9.43	9.8
N829079		13.40	<0.005	0.23	7.51	17.0	2080	1.73	0.26	2.55	0.95	51.1	5.5	14	10.65	6.4
N829080		11.27	<0.005	0.09	7.37	6.6	2130	1.55	0.15	2.58	0.11	47.4	6.2	10	12.15	7.8
N829081		11.31	<0.005	0.14	7.56	8.4	1530	1.64	0.20	2.92	0.18	53.6	5.0	12	11.40	4.8
N829082		<0.02	<0.005	0.09	7.57	5.9	1520	1.66	0.18	2.98	0.09	52.9	5.0	13	11.65	4.1
N829083		8.61	0.022	0.99	6.78	34.2	910	1.55	0.93	2.75	9.99	52.1	5.5	10	10.90	21.9
N829084		3.12	0.029	1.37	7.30	72.0	760	1.44	1.22	2.33	8.57	42.6	7.0	9	9.78	6.7
N829085		3.26	3.01	24.5	5.18	3490	250	1.02	16.30	1.27	135.5	35.2	4.4	10	4.96	852
N829086		2.48	<0.005	0.06	0.14	8	30	0.32	0.05	20.3	0.31	1.30	1.3	1	1.51	6.6
N829087		4.30	0.569	1.52	6.84	12.8	610	1.73	1.15	2.89	18.65	46.0	3.4	10	9.57	27.6
N829088		11.62	<0.005	0.36	6.49	7.7	490	1.55	0.55	3.31	0.27	34.4	2.8	11	9.76	6.5
N829089		5.89	0.005	0.26	6.83	15.3	2020	1.55	0.39	2.29	0.30	51.6	3.2	10	11.85	6.2
N829090		0.23	4.51	>100	5.53	8010	200	1.04	63.7	1.84	218	34.4	8.4	19	10.40	1260
N829091		2.47	<0.005	0.19	6.02	10.9	940	1.69	0.16	1.67	0.37	63.7	2.2	6	9.89	7.2
N829092		6.32	0.031	0.61	7.18	67.0	770	1.54	0.19	1.81	3.29	55.3	4.0	9	20.0	8.2
N829093		4.14	<0.005	0.04	5.99	5.7	990	1.38	0.10	1.42	0.15	47.3	1.3	7	9.53	2.9
N829094		3.65	0.090	3.66	7.17	107.0	470	1.49	2.70	1.92	2.90	58.1	4.0	10	14.10	65.7
N829095		3.52	0.046	1.87	7.29	68.2	1060	1.44	1.66	1.70	16.25	57.4	2.7	9	12.35	48.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138695

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829060		2.55	15.50	0.12	1.1	0.037	2.07	21.1	7.9	0.57	445	1.03	2.13	7.6	2.5	560
N829061		2.54	15.50	0.13	1.1	0.054	1.79	25.1	7.3	0.69	577	1.16	2.20	7.5	2.3	560
N829062		2.15	16.10	0.15	1.0	0.131	2.19	18.8	25.3	0.61	919	0.50	0.08	7.5	3.1	600
N829063		0.44	0.22	0.08	<0.1	0.005	0.03	0.6	0.9	12.55	207	0.05	0.01	0.3	2.1	180
N829064		5.79	13.75	0.17	0.8	4.00	2.67	21.5	9.2	0.73	2040	1.16	0.04	5.4	2.2	460
N829065		2.01	16.30	0.15	0.9	0.270	2.80	19.6	23.2	0.67	1140	0.27	0.07	6.4	2.6	540
N829066		6.54	13.65	0.18	0.9	1.735	2.62	24.8	21.7	0.91	1910	13.70	0.04	6.2	14.9	450
N829067		1.65	16.05	0.12	0.9	0.167	2.58	8.4	19.7	0.86	1040	6.00	0.13	6.7	2.7	510
N829068		2.15	15.15	0.09	0.8	0.289	2.10	8.4	25.8	1.14	911	1.16	0.16	5.9	3.9	490
N829069		1.73	16.95	0.10	0.8	0.091	2.44	8.7	25.0	0.94	971	1.11	0.13	6.7	5.2	550
N829070		1.40	16.60	0.09	0.9	0.131	1.24	15.2	166.0	0.60	633	0.35	0.07	7.7	1.8	620
N829071		2.04	15.70	0.10	0.8	0.259	2.43	15.2	60.8	0.80	969	1.21	0.09	6.6	3.0	520
N829072		2.03	16.50	0.11	0.8	0.239	2.48	14.6	61.6	0.81	1020	1.15	0.09	6.9	3.5	540
N829073		5.54	15.95	0.15	0.7	8.07	2.93	22.0	7.3	0.55	3660	1.78	0.05	5.7	5.4	490
N829074		0.48	0.27	0.06	<0.1	0.016	0.03	0.6	1.2	13.05	216	0.06	<0.01	0.4	1.5	160
N829075		3.19	16.90	0.12	1.1	0.225	2.11	23.0	30.2	0.63	1090	0.58	0.77	7.8	2.7	570
N829076		1.53	16.30	0.11	0.9	0.117	1.84	12.0	11.7	0.61	634	0.30	1.16	7.0	2.7	530
N829077		2.23	16.75	0.09	1.1	0.085	2.08	22.1	11.0	0.75	639	1.08	2.00	7.6	2.4	570
N829078		2.64	16.50	0.13	1.1	0.038	2.76	23.8	15.5	0.83	486	0.96	2.42	8.1	2.5	570
N829079		2.83	16.80	0.13	1.1	0.105	2.78	22.5	14.3	0.69	778	2.02	2.12	8.2	2.7	570
N829080		2.86	16.65	0.12	1.1	0.039	2.61	21.1	18.5	0.87	632	1.60	2.05	7.9	2.6	580
N829081		2.49	16.95	0.12	1.1	0.045	1.89	23.0	12.1	0.77	450	1.69	2.41	8.1	2.4	610
N829082		2.51	17.35	0.12	1.0	0.045	1.91	22.7	12.5	0.77	457	1.75	2.43	8.1	2.4	610
N829083		2.73	16.85	0.12	0.9	0.376	2.15	22.4	15.3	0.61	1240	1.09	1.26	7.2	3.7	560
N829084		2.66	16.80	0.13	0.8	0.376	3.03	16.5	27.1	0.67	1660	1.78	0.20	6.5	4.2	520
N829085		6.59	13.50	0.16	0.6	2.40	2.39	13.7	10.0	0.59	1880	34.7	0.03	4.5	2.7	370
N829086		0.50	0.42	0.06	<0.1	0.010	0.07	0.5	2.0	13.20	223	0.19	0.02	0.6	1.9	200
N829087		2.45	16.80	0.12	0.9	0.606	2.23	16.4	23.8	0.74	1010	0.37	0.34	7.6	1.7	580
N829088		1.48	15.85	0.10	0.9	0.128	1.58	10.7	51.8	0.58	741	0.85	0.82	7.1	2.0	550
N829089		1.90	15.15	0.11	1.1	0.079	2.49	23.1	43.6	0.70	849	6.79	0.10	7.2	1.7	430
N829090		8.05	13.05	0.17	1.0	4.28	2.26	15.1	30.2	0.62	3000	15.25	0.08	5.3	13.2	460
N829091		1.58	11.55	0.10	2.0	0.021	2.23	33.6	75.3	0.65	574	19.10	0.05	5.8	1.3	110
N829092		2.45	14.80	0.11	1.3	0.160	2.58	26.7	46.0	0.68	1680	10.00	0.05	7.2	1.9	420
N829093		1.30	11.35	0.09	2.3	0.028	2.53	24.2	24.2	0.57	501	6.53	0.05	5.5	1.0	50
N829094		4.14	16.50	0.16	1.0	0.261	2.95	27.3	25.4	0.73	2320	3.48	0.05	7.1	2.9	490
N829095		3.34	16.15	0.14	0.9	0.525	3.12	27.5	21.2	0.70	2670	2.15	0.06	7.0	2.1	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138695

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829060		12.9	77.1	<0.002	0.06	2.67	9.2	1	2.1	357	0.57	<0.05	9.6	0.239	0.97	3.3
N829061		24.9	70.1	<0.002	0.14	3.29	9.4	1	2.2	354	0.56	<0.05	10.4	0.232	1.07	3.1
N829062		124.5	92.9	<0.002	0.50	9.85	8.9	1	2.9	83.3	0.57	0.08	10.0	0.229	2.02	2.9
N829063		1.3	1.1	<0.002	0.01	<0.05	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829064		2090	186.5	<0.002	4.54	32.3	7.8	2	3.8	42.4	0.43	0.13	10.1	0.163	2.65	3.7
N829065		267	171.0	<0.002	0.74	6.17	9.7	1	2.6	84.4	0.51	0.05	11.8	0.199	2.66	6.1
N829066		2740	151.5	<0.002	4.88	94.0	7.5	1	8.4	96.1	0.46	0.49	9.5	0.180	2.19	4.7
N829067		194.5	153.5	0.010	0.35	7.27	9.7	1	2.5	125.0	0.51	<0.05	11.1	0.199	2.44	4.0
N829068		93.6	131.5	<0.002	0.89	6.82	9.7	1	2.5	142.5	0.44	0.10	10.9	0.185	1.92	5.4
N829069		93.8	120.5	0.002	0.32	4.62	9.3	1	2.0	167.5	0.49	0.08	9.5	0.223	2.40	3.8
N829070		50.2	46.5	<0.002	0.12	7.09	9.4	1	3.0	242	0.58	0.06	8.6	0.250	1.31	2.9
N829071		237	165.0	0.002	0.61	7.87	10.0	1	3.1	130.0	0.49	0.07	12.0	0.211	2.50	4.3
N829072		215	155.0	0.002	0.58	7.72	10.3	1	3.6	128.0	0.50	0.06	11.8	0.215	2.61	4.3
N829073		936	212	0.002	3.78	30.0	9.1	2	5.7	32.0	0.42	0.21	11.1	0.183	3.03	3.3
N829074		3.0	2.1	<0.002	0.01	0.15	0.2	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829075		120.5	126.5	<0.002	1.23	9.05	10.7	1	3.5	174.5	0.58	0.08	12.7	0.242	1.91	5.3
N829076		12.4	110.0	<0.002	0.27	3.94	9.3	1	2.8	201	0.56	0.10	11.2	0.215	1.73	3.9
N829077		14.1	97.8	<0.002	0.17	2.55	9.8	1	2.2	324	0.59	0.10	12.7	0.237	1.23	3.6
N829078		15.8	110.5	<0.002	0.07	2.14	10.9	1	1.9	443	0.63	<0.05	14.1	0.252	0.94	4.4
N829079		35.5	108.0	<0.002	0.16	2.63	10.2	1	2.1	357	0.64	0.05	12.8	0.249	1.12	4.2
N829080		16.5	99.9	<0.002	0.03	1.80	10.5	1	1.7	384	0.60	<0.05	12.0	0.258	0.98	3.5
N829081		15.6	87.5	<0.002	0.08	2.58	11.2	1	2.4	396	0.60	<0.05	13.3	0.261	0.93	4.0
N829082		12.5	82.7	<0.002	0.08	2.47	11.0	1	2.4	400	0.60	<0.05	12.7	0.263	0.93	3.8
N829083		101.5	105.5	0.002	0.57	5.04	9.5	1	2.8	233	0.55	0.08	10.4	0.230	1.91	3.6
N829084		242	185.5	0.002	1.04	4.56	9.9	1	3.2	80.1	0.54	0.19	12.5	0.208	3.00	4.6
N829085		1040	187.0	0.004	5.66	90.6	7.3	2	6.9	27.6	0.33	0.16	10.0	0.140	2.40	2.6
N829086		3.6	6.7	<0.002	0.03	0.28	0.2	1	0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.04	0.4
N829087		312	117.5	<0.002	0.26	7.42	9.7	1	2.4	105.0	0.57	0.09	10.4	0.234	2.20	4.6
N829088		13.1	67.6	0.002	0.12	12.30	8.3	1	1.9	181.0	0.55	0.16	9.4	0.227	1.64	3.8
N829089		24.9	119.0	<0.002	0.23	10.25	7.8	1	1.9	100.0	0.64	0.05	15.8	0.177	1.98	6.2
N829090		9290	140.0	0.002	7.04	220	7.3	2	8.0	120.5	0.39	0.48	9.7	0.181	2.15	5.6
N829091		18.7	141.0	0.002	0.08	10.50	2.7	1	1.3	67.3	1.04	<0.05	33.5	0.053	1.69	8.8
N829092		122.0	145.5	0.002	0.46	14.15	7.8	1	2.9	81.5	0.69	<0.05	19.3	0.178	2.30	5.8
N829093		7.3	145.5	<0.002	0.06	4.87	1.8	1	0.8	41.7	1.15	<0.05	34.5	0.027	1.96	6.6
N829094		173.0	171.5	<0.002	2.79	26.5	10.1	1	3.9	51.4	0.55	0.05	14.6	0.205	3.02	5.5
N829095		207	188.0	<0.002	1.02	10.30	9.7	1	3.2	45.2	0.58	0.05	15.1	0.205	3.20	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138695

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829060		66	0.9	14.3	38	30.9		
N829061		70	1.0	14.3	50	31.1		
N829062		66	2.6	13.0	202	28.4		
N829063		3	0.1	0.8	20	<0.5		
N829064		50	2.4	9.3	>10000	21.6		1.565
N829065		63	1.3	11.5	1180	24.7		
N829066		57	4.9	10.0	5280	27.9		
N829067		75	1.2	12.0	281	24.3		
N829068		75	1.5	14.1	1020	21.0		
N829069		75	1.1	11.5	104	22.3		
N829070		68	1.8	11.3	91	24.2		
N829071		64	2.6	11.1	511	20.2		
N829072		67	2.3	11.2	482	20.9		
N829073		62	3.3	9.8	>10000	20.0		1.150
N829074		2	0.1	0.9	31	1.0		
N829075		74	1.8	14.5	279	28.3		
N829076		64	1.2	12.8	42	23.5		
N829077		68	1.3	14.5	46	26.4		
N829078		68	1.2	17.3	37	29.4		
N829079		68	1.7	16.1	118	29.9		
N829080		69	2.4	17.1	38	27.3		
N829081		74	1.4	16.2	48	28.2		
N829082		75	1.4	15.9	42	27.3		
N829083		73	2.1	11.8	726	23.4		
N829084		60	2.1	9.6	634	18.7		
N829085		55	2.7	6.9	8420	14.4		
N829086		3	0.1	0.9	29	<0.5		
N829087		71	1.0	12.5	1160	23.1		
N829088		67	1.1	12.2	49	22.0		
N829089		50	4.9	12.4	57	28.3		
N829090		52	4.5	8.7	>10000	28.8	118	1.620
N829091		14	2.1	11.2	51	44.7		
N829092		49	4.0	13.0	339	30.7		
N829093		8	1.0	9.4	27	50.2		
N829094		60	5.7	13.1	314	24.9		
N829095		62	3.7	11.8	1360	22.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUN-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138695

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

CERTIFICATE WH12138696

Project: Klaza-65

P.O. No.: Batch 10

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

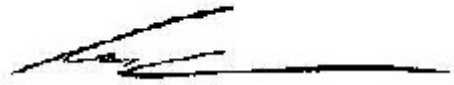
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza-65

CERTIFICATE OF ANALYSIS WH12138696

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N829096		9.49	0.534		22.9	6.61	235	380	1.19	16.10	1.80	18.20	45.9	5.1	11	14.00
N829097		1.97	0.030		3.33	7.70	64.7	890	1.67	0.38	2.07	3.93	54.4	4.5	11	23.4
N829098		2.67	0.010		0.78	7.32	40.2	1120	1.92	0.27	1.96	1.42	66.7	7.4	23	23.7
N829099		3.61	>10.0	16.05	90.2	4.02	>10000	390	0.75	90.9	0.44	271	24.3	3.9	13	4.53
N829100		2.51	0.007		0.14	0.10	37	20	0.10	0.16	21.1	0.49	2.39	1.3	1	0.28
N829101		9.21	0.007		0.58	6.73	21.5	510	1.63	0.45	2.86	6.50	34.4	2.4	13	11.90
N829102		3.40	0.155		3.59	7.36	272	910	1.50	2.98	2.46	6.79	50.0	5.1	13	11.95
N829103		0.32	2.25		24.9	5.93	3340	920	1.18	18.75	2.19	80.8	44.5	10.7	18	14.35
N829104		10.88	<0.005		0.15	7.47	12.5	1790	1.57	0.20	2.72	0.30	48.9	6.7	13	17.85
N829105		3.71	<0.005		0.64	7.48	11.3	690	1.43	0.59	3.61	9.17	39.6	2.8	11	10.00
N829106		3.77	<0.005		0.19	6.90	11.1	790	1.43	0.28	3.64	1.32	30.7	1.9	11	9.58
N829107		10.12	0.006		0.67	7.05	12.9	540	1.41	0.31	3.96	0.31	37.1	3.1	12	13.00
N829108		9.67	0.171		0.78	6.94	134.0	420	1.48	1.44	4.17	1.33	30.7	1.7	11	10.95
N829109		<0.02	0.071		0.83	7.00	137.5	420	1.48	1.57	4.23	1.34	32.2	1.8	12	11.35
N829110		3.99	0.015		1.07	7.32	168.5	550	1.28	1.54	1.41	2.38	41.4	3.2	11	13.50
N829111		1.89	<0.005		0.01	0.07	5	20	0.05	0.03	21.0	0.08	1.25	1.4	1	0.19
N829112		6.13	0.008		0.20	7.35	15.2	820	1.39	0.17	1.64	0.15	40.9	6.3	13	13.80
N829113		12.30	<0.005		0.08	7.75	6.6	2330	1.58	0.12	2.26	0.13	52.8	6.9	14	14.15
N829114		11.78	<0.005		0.10	7.21	9.6	1480	1.57	0.13	3.16	0.19	39.5	4.3	14	13.55
N829115		0.30	4.49		>100	5.45	8050	760	0.99	59.6	1.94	229	34.7	9.2	18	11.35
N829116		12.14	<0.005		0.13	7.49	11.2	640	1.56	0.18	3.79	0.18	41.6	2.7	12	13.10
N829117		11.73	<0.005		0.10	7.08	7.9	490	1.57	0.14	3.51	0.16	35.4	2.0	12	12.60
N829118		11.94	<0.005		0.15	7.22	6.5	1980	1.58	0.13	2.86	0.10	39.6	5.8	13	12.20
N829119		9.59	<0.005		0.10	6.57	9.5	550	1.60	0.17	3.74	0.12	30.4	2.0	10	12.65
N829120		5.93	<0.005		0.09	7.16	7.3	1330	1.61	0.22	3.20	0.08	41.6	6.1	11	13.15
N829121		2.74	<0.005		0.09	7.00	7.3	1260	1.65	0.22	3.27	0.09	38.4	6.2	13	12.90
N829122		7.53	<0.005		0.16	7.02	9.4	1220	1.31	0.22	3.22	0.12	33.8	4.3	11	12.10
N829123		12.01	<0.005		0.15	6.90	6.8	1770	1.53	0.17	2.90	0.12	38.5	4.4	12	13.30
N829124		2.95	<0.005		0.09	7.42	5.7	2200	1.47	0.12	1.61	0.06	45.0	6.2	10	14.35
N829125		6.32	<0.005		0.19	6.97	6.4	2220	1.39	0.15	2.85	0.25	37.6	8.0	12	14.90
N829126		9.64	0.034		0.31	7.69	15.5	1870	1.27	0.40	1.54	1.47	44.0	9.9	13	14.75
N829127		3.75	0.230		8.52	6.85	536	840	1.58	16.45	1.07	38.9	42.7	6.7	11	18.80
N829128		6.43	0.007		0.25	7.94	9.4	2070	1.38	0.34	1.12	0.34	50.9	6.6	10	13.55
N829129		3.01	0.059		2.03	6.55	174.5	820	1.35	1.89	1.96	8.28	54.8	13.3	9	15.05
N829130		6.20	0.006		0.17	7.42	13.5	1940	1.28	0.22	1.92	0.28	43.9	6.8	11	14.70
N829131		3.36	0.220		21.3	6.71	403	720	1.44	36.7	1.57	19.35	48.9	6.4	9	16.30

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza-65

CERTIFICATE OF ANALYSIS WH12138696

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N829096		150.5	4.39	16.35	0.15	0.9	0.454	2.11	23.3	81.7	0.69	1700	6.71	0.04	8.4	3.5
N829097		25.5	2.81	18.75	0.14	1.1	0.247	3.00	26.9	28.5	0.76	1440	2.86	0.05	9.2	3.0
N829098		12.7	2.69	21.2	0.15	4.3	0.047	2.15	32.9	213	0.80	703	0.91	0.06	12.8	7.9
N829099		2740	10.40	10.70	0.23	0.6	6.76	1.90	10.8	8.7	0.25	728	1.05	0.02	3.9	1.7
N829100		6.0	0.49	0.33	<0.05	<0.1	0.015	0.04	1.2	1.4	13.10	217	0.10	0.01	0.7	<0.2
N829101		6.0	2.08	20.0	0.11	1.1	0.166	2.13	13.4	120.5	0.62	914	0.38	0.07	8.8	1.7
N829102		48.9	3.97	19.75	0.15	1.3	0.327	2.21	24.4	24.6	0.61	560	1.17	0.91	9.3	2.7
N829103		444	6.71	16.35	0.20	0.9	1.755	2.61	23.9	23.2	0.90	1890	13.55	0.04	7.0	14.8
N829104		3.9	2.87	18.85	0.14	1.3	0.051	2.39	23.9	16.0	0.74	575	1.48	1.99	9.6	2.3
N829105		5.0	2.15	18.80	0.12	1.0	0.229	1.23	15.1	22.9	0.84	801	0.41	2.11	8.9	2.1
N829106		1.3	2.06	19.05	0.11	1.1	0.113	1.47	10.7	15.2	0.77	833	0.44	2.12	8.9	1.9
N829107		150.0	2.10	18.55	0.10	1.0	0.183	0.84	14.5	28.5	0.87	701	0.45	2.76	9.0	1.5
N829108		11.2	1.73	17.60	0.10	0.9	0.175	1.24	11.5	18.5	0.71	777	0.92	1.81	8.2	1.0
N829109		11.2	1.75	17.65	0.10	1.0	0.179	1.26	12.1	18.7	0.71	797	0.96	1.85	8.5	1.1
N829110		14.0	2.93	18.40	0.13	1.2	0.208	1.95	18.3	31.7	0.52	1180	0.82	0.05	9.4	2.3
N829111		1.9	0.51	0.28	<0.05	<0.1	0.005	0.02	0.6	1.1	12.90	224	0.05	0.01	0.3	<0.2
N829112		22.0	2.81	19.65	0.13	1.3	0.088	1.32	18.0	61.8	0.46	620	0.93	0.08	9.8	2.7
N829113		5.6	2.98	19.15	0.15	1.2	0.040	2.74	26.8	18.7	0.87	496	1.81	2.40	9.3	2.6
N829114		5.2	2.37	18.05	0.11	1.2	0.052	1.73	17.4	16.0	0.80	522	1.27	2.81	9.2	2.0
N829115		1305	8.30	14.40	0.22	1.1	4.79	2.34	18.0	30.9	0.63	3120	15.60	0.08	6.3	13.1
N829116		2.0	1.65	18.65	0.08	0.9	0.079	0.76	17.3	18.6	0.88	549	0.62	3.17	9.2	1.7
N829117		3.1	1.29	17.60	0.09	0.9	0.079	0.67	13.7	21.4	0.80	485	0.37	3.23	8.6	1.6
N829118		6.0	2.83	16.60	0.10	1.2	0.055	2.33	19.6	14.1	0.80	529	1.37	2.61	8.0	3.0
N829119		6.8	1.89	16.70	0.10	1.1	0.120	0.63	12.4	15.7	0.64	478	0.53	3.18	8.1	2.8
N829120		5.9	2.62	16.25	0.10	1.3	0.081	1.66	18.4	13.4	0.64	490	1.47	2.73	8.2	3.2
N829121		6.8	2.57	16.95	0.11	1.3	0.096	1.54	18.0	13.7	0.64	486	1.42	2.77	8.2	3.2
N829122		13.9	2.39	16.50	0.10	1.2	0.094	1.80	15.2	29.0	0.52	465	1.89	0.43	8.0	2.6
N829123		4.4	2.71	16.90	0.11	1.1	0.051	2.27	19.1	17.4	0.58	435	1.54	2.10	7.7	2.8
N829124		6.9	2.86	16.95	0.12	1.2	0.040	2.73	23.7	17.2	0.60	261	1.51	1.25	7.9	2.7
N829125		8.8	2.95	17.05	0.12	1.2	0.046	2.71	19.6	16.2	0.62	392	2.27	1.38	7.8	3.2
N829126		21.8	3.16	18.30	0.09	1.2	0.092	2.75	22.3	44.1	0.38	734	1.84	0.10	8.7	3.1
N829127		278	4.34	18.05	0.11	1.0	1.105	2.74	24.3	51.9	0.61	1810	2.36	0.04	6.7	2.5
N829128		20.1	3.44	18.25	0.11	1.1	0.093	3.13	28.4	38.4	0.55	1020	17.00	0.08	7.9	2.6
N829129		29.7	4.69	16.40	0.13	0.9	0.372	2.92	32.0	17.3	0.84	2600	2.12	0.03	6.6	2.8
N829130		8.0	3.04	17.40	0.13	1.1	0.075	3.23	22.1	31.3	0.61	849	1.30	0.08	8.0	2.6
N829131		104.0	4.94	16.15	0.13	1.0	0.744	2.93	26.5	13.1	0.74	2870	2.34	0.03	6.3	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza-65

CERTIFICATE OF ANALYSIS WH12138696

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N829096		510	631	117.5	0.002	2.60	44.9	10.1	2	9.3	120.0	0.56	0.35	11.4	0.221	2.34
N829097		610	122.5	146.0	<0.002	1.05	14.15	10.8	2	4.0	103.0	0.65	<0.05	12.8	0.255	3.23
N829098		1430	97.9	68.2	<0.002	0.12	20.8	6.7	2	2.2	539	0.72	<0.05	8.8	0.359	1.52
N829099		300	3890	123.0	<0.002	>10.0	212	5.7	4	16.1	17.2	0.30	1.62	7.0	0.119	2.05
N829100		190	6.6	2.8	<0.002	0.03	0.44	0.3	2	<0.2	50.5	0.05	<0.05	0.2	<0.005	<0.02
N829101		630	240	85.7	<0.002	0.13	15.90	10.3	1	3.2	97.8	0.68	<0.05	9.9	0.259	2.04
N829102		570	340	114.0	<0.002	2.22	11.55	13.0	2	3.7	177.5	0.73	0.43	13.3	0.256	1.81
N829103		460	2790	162.5	0.002	4.91	90.2	8.5	2	8.0	101.0	0.50	0.41	11.0	0.181	2.36
N829104		590	28.2	97.5	<0.002	0.08	3.69	11.1	2	2.0	345	0.71	<0.05	12.7	0.254	1.14
N829105		590	159.0	59.9	<0.002	0.11	3.56	11.3	2	3.3	291	0.69	0.05	13.6	0.244	1.09
N829106		570	68.1	63.0	<0.002	0.12	3.51	10.8	2	3.5	274	0.68	<0.05	11.1	0.238	1.37
N829107		560	21.5	41.0	<0.002	0.06	5.55	10.7	2	3.5	400	0.71	0.06	11.8	0.244	0.79
N829108		720	33.0	69.3	<0.002	0.57	7.29	10.6	2	3.1	298	0.67	0.08	13.4	0.233	1.25
N829109		740	35.4	71.5	0.002	0.59	7.43	10.7	2	3.2	301	0.69	0.09	13.2	0.236	1.28
N829110		610	105.5	97.7	<0.002	0.63	18.40	11.3	2	3.9	47.8	0.75	0.06	13.3	0.249	1.91
N829111		170	1.4	1.6	<0.002	0.01	0.07	0.3	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02
N829112		630	14.5	49.1	<0.002	0.10	23.0	11.4	2	3.8	66.4	0.83	<0.05	11.8	0.276	0.97
N829113		590	18.1	102.5	<0.002	0.01	1.57	11.3	2	1.9	396	0.71	<0.05	14.1	0.249	1.04
N829114		590	16.8	55.3	<0.002	0.02	2.33	10.5	2	2.4	434	0.74	<0.05	11.2	0.258	0.69
N829115		450	9580	132.5	0.003	7.32	220	7.6	4	8.5	132.0	0.45	0.59	9.0	0.189	2.15
N829116		610	14.2	29.8	<0.002	0.03	2.69	11.2	2	2.6	460	0.70	<0.05	13.0	0.263	0.47
N829117		600	13.7	27.8	<0.002	0.01	2.29	10.7	2	2.7	462	0.66	<0.05	12.5	0.256	0.41
N829118		580	17.4	69.7	0.002	0.01	1.54	9.6	1	1.9	431	0.65	<0.05	11.0	0.259	0.80
N829119		540	13.4	19.7	0.002	0.01	3.42	9.0	1	3.0	463	0.67	<0.05	9.0	0.246	0.42
N829120		570	14.9	53.1	0.002	0.09	2.77	9.5	1	2.3	416	0.72	<0.05	11.2	0.259	0.73
N829121		570	14.7	50.2	0.002	0.08	2.76	9.4	1	2.5	418	0.73	<0.05	10.3	0.256	0.71
N829122		590	17.6	51.3	0.003	0.06	11.15	9.3	1	3.0	156.5	0.72	<0.05	10.2	0.266	0.96
N829123		570	68.9	68.1	0.003	0.05	4.12	9.3	1	2.5	303	0.63	<0.05	10.0	0.253	1.02
N829124		600	17.3	98.2	0.002	0.01	5.63	10.2	1	2.0	251	0.63	<0.05	13.0	0.266	1.11
N829125		560	22.9	86.3	<0.002	0.03	7.53	10.3	1	1.7	263	0.63	<0.05	10.1	0.256	1.05
N829126		630	51.1	107.0	<0.002	0.20	17.25	11.9	1	2.2	97.1	0.70	0.10	12.3	0.276	1.46
N829127		510	81.4	147.0	<0.002	1.40	29.6	9.7	1	9.4	75.5	0.57	0.09	12.0	0.227	2.30
N829128		600	20.1	133.0	0.002	0.14	13.85	11.0	1	2.1	90.6	0.66	<0.05	13.1	0.259	1.91
N829129		480	115.0	161.5	0.003	1.66	12.00	9.5	1	5.5	73.1	0.53	0.08	11.4	0.207	2.77
N829130		590	16.8	121.5	0.002	0.18	12.05	10.5	1	2.0	115.5	0.66	<0.05	11.5	0.261	2.09
N829131		480	347	172.5	0.002	2.28	32.6	9.6	1	6.3	66.2	0.54	0.10	11.1	0.210	2.96

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza-65

CERTIFICATE OF ANALYSIS WH12138696

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001
N829096		5.2	61	77.4	14.6	1630	25.3		
N829097		5.5	71	22.5	15.0	350	31.9		
N829098		4.4	67	5.6	12.7	166	185.0		
N829099		2.9	40	4.2	8.4	>10000	15.2		1.655
N829100		0.9	2	0.1	0.9	45	1.3		
N829101		4.1	74	3.0	12.5	513	30.0		
N829102		4.2	74	4.2	16.3	710	32.4		
N829103		5.4	56	5.2	11.6	5310	27.3		
N829104		3.9	71	2.9	18.3	60	36.8		
N829105		3.7	77	1.1	17.9	629	27.6		
N829106		3.2	73	1.1	15.4	142	28.2		
N829107		3.2	65	0.8	17.9	60	27.5		
N829108		3.6	60	1.2	15.9	151	22.5		
N829109		3.5	60	1.3	16.4	152	26.5		
N829110		3.5	71	4.8	15.8	245	31.1		
N829111		0.7	3	0.1	0.9	18	<0.5		
N829112		3.3	80	7.8	15.5	47	31.3		
N829113		4.4	68	2.3	18.4	40	33.2		
N829114		3.5	69	1.6	16.6	44	31.1		
N829115		5.3	53	4.6	10.5	>10000	33.8	123	1.565
N829116		3.7	67	1.1	17.8	47	25.2		
N829117		3.1	63	0.9	15.8	41	23.2		
N829118		3.4	68	2.0	15.2	42	30.0		
N829119		2.8	72	1.3	13.9	38	26.8		
N829120		3.6	71	1.7	14.5	42	31.9		
N829121		3.4	72	1.5	15.1	41	30.3		
N829122		3.2	73	2.5	13.8	46	26.4		
N829123		3.1	70	1.8	12.4	47	24.9		
N829124		3.4	69	2.6	13.0	38	28.2		
N829125		2.7	71	2.3	14.4	55	28.7		
N829126		3.1	75	5.5	14.6	87	29.8		
N829127		6.1	63	5.9	11.3	2670	22.7		
N829128		2.6	70	4.1	16.2	78	26.4		
N829129		4.7	60	3.4	11.9	679	20.1		
N829130		4.1	70	3.2	14.3	59	24.6		
N829131		5.7	60	4.8	11.5	1480	21.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-65

Finalized Date: 3-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12138696

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2012
Account: ROCKHA

CERTIFICATE WH12138697

Project: Klaza - 65

P.O. No.: Batch 11

This report is for 26 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

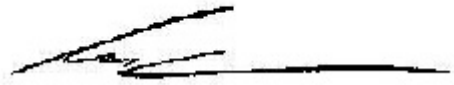
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138697

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829132		4.28	0.017	0.46	7.07	42.0	1050	1.32	0.42	2.19	1.86	46.0	4.6	10	18.55	12.6
N829133		0.30	0.760	9.47	6.64	1510	720	1.30	6.20	1.85	40.6	42.9	16.8	19	15.80	104.0
N829134		4.96	0.105	3.27	5.73	191.5	640	1.14	2.55	2.00	17.95	39.8	4.6	9	15.90	80.2
N829135		11.14	0.806	98.0	4.02	994	270	0.88	160.5	1.80	22.9	22.2	7.7	8	17.90	1940
N829136		1.66	<0.005	0.58	0.11	6	30	0.09	0.93	20.1	0.21	1.40	1.2	2	0.31	13.9
N829137		4.55	0.096	2.73	7.03	219	370	1.31	3.39	0.78	13.30	47.2	4.7	10	9.87	56.1
N829138		8.07	0.022	0.86	7.08	21.6	1700	1.47	1.12	2.26	9.42	47.1	5.4	10	14.50	14.9
N829139		2.70	0.053	1.45	7.09	36.5	1580	1.46	1.75	1.90	21.6	49.4	5.2	9	12.65	27.8
N829140		8.86	0.024	0.95	7.21	51.3	1060	1.44	1.11	2.24	10.80	48.1	4.8	10	11.40	13.1
N829141		3.86	0.108	3.47	7.45	157.5	1340	1.61	0.99	2.39	14.55	51.7	4.2	9	17.00	24.6
N829142		4.22	3.23	16.95	5.79	4130	150	1.15	19.00	0.82	18.55	44.2	5.2	8	9.87	282
N829143		10.61	<0.005	0.15	6.97	16.7	800	1.68	0.33	2.68	0.22	37.3	3.1	10	17.50	5.8
N829144		9.79	0.008	0.14	6.63	13.3	1210	1.60	0.19	3.38	0.15	37.5	3.5	12	12.40	3.1
N829145		10.41	<0.005	0.12	7.52	8.1	1920	1.67	0.18	2.94	0.13	47.7	5.1	13	13.30	18.1
N829146		8.67	0.022	1.52	7.44	66.9	1210	1.59	1.08	2.38	2.68	69.5	10.7	11	10.10	249
N829147		3.53	0.374	4.00	5.95	1165	310	1.16	5.92	0.80	4.90	44.8	7.6	10	8.31	93.8
N829148		10.90	0.011	0.14	6.99	13.5	680	1.49	0.34	3.31	0.19	44.3	4.1	11	12.00	6.0
N829149		6.73	0.007	0.13	7.31	9.9	470	1.63	0.20	3.00	0.94	57.3	1.7	8	11.35	4.4
N829150		0.30	4.39	>100	5.25	7140	1010	1.04	59.5	1.70	203	36.9	8.4	16	10.60	1185
N829151		4.14	0.011	0.54	7.18	18.3	540	1.92	0.69	3.23	0.54	44.4	4.9	8	11.50	25.8
N829152		1.91	<0.005	0.01	0.08	<5	10	0.06	0.03	22.4	0.07	1.43	1.2	1	0.13	2.3
N829153		10.44	<0.005	0.13	7.28	16.1	900	1.56	0.19	3.50	0.33	50.7	3.3	10	9.25	5.6
N829154		12.38	<0.005	0.08	7.45	28.7	1100	1.51	0.13	3.24	0.10	45.7	3.2	11	9.69	3.4
N829155		<0.02	<0.005	0.08	7.44	13.1	1120	1.47	0.14	3.12	0.11	47.6	3.2	11	9.65	3.0
N829156		6.10	<0.005	0.10	6.85	19.5	1280	1.40	1.38	2.76	0.14	38.4	3.5	9	7.42	7.0
N829157		9.31	0.026	1.14	7.25	38.4	960	1.42	0.56	2.57	17.95	45.6	4.2	12	9.21	15.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138697

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829132		3.06	16.40	0.13	0.9	0.133	2.57	24.4	116.5	0.70	1730	1.55	0.05	7.7	2.1	560
N829133		5.19	15.15	0.15	1.3	0.916	2.75	23.0	24.3	0.68	1950	13.10	0.26	7.8	15.3	480
N829134		3.51	13.40	0.12	0.7	0.350	2.37	21.4	33.6	0.77	1930	4.58	0.03	5.9	2.3	400
N829135		7.07	10.60	0.12	0.6	1.320	1.56	11.0	26.1	0.27	1320	22.4	0.02	4.1	2.3	260
N829136		0.50	0.35	0.13	<0.1	0.012	0.04	0.7	1.3	12.00	204	0.33	<0.01	0.4	2.1	210
N829137		6.11	18.40	0.15	1.0	0.623	3.24	23.9	7.6	0.57	4490	1.77	0.03	6.9	3.0	520
N829138		3.44	17.10	0.15	1.1	0.209	2.75	23.4	40.8	0.69	1270	1.77	1.08	8.1	2.5	550
N829139		3.79	16.70	0.17	1.1	0.399	2.76	26.1	38.4	0.70	1700	2.08	1.03	7.9	2.4	560
N829140		3.07	16.75	0.17	1.0	0.182	2.28	24.0	83.3	0.72	852	1.99	0.67	7.3	2.6	590
N829141		3.44	17.15	0.18	1.0	0.347	2.87	26.0	52.7	0.68	955	1.49	0.44	7.9	2.3	590
N829142		9.89	14.40	0.20	0.8	0.699	2.60	22.5	7.8	0.50	2470	2.35	0.03	6.1	2.4	440
N829143		2.32	17.15	0.13	1.0	0.063	1.40	16.2	80.6	0.52	533	1.71	0.97	7.9	2.5	560
N829144		2.18	16.95	0.15	1.0	0.063	1.48	16.6	21.1	0.62	631	0.98	1.81	8.1	2.9	570
N829145		2.73	15.95	0.12	1.1	0.049	2.28	23.1	13.6	0.74	509	1.37	2.26	8.0	2.7	590
N829146		2.57	15.85	0.13	1.2	0.281	2.93	36.9	40.6	0.71	1340	4.43	0.23	6.7	2.6	560
N829147		5.76	14.90	0.16	1.0	0.348	2.69	23.1	10.2	0.41	1480	6.13	0.04	5.6	1.7	410
N829148		2.09	16.85	0.12	1.0	0.149	1.56	15.7	24.2	0.50	555	0.70	1.33	7.6	2.5	580
N829149		1.60	15.95	0.13	0.9	0.108	1.54	22.9	38.7	0.93	668	0.68	0.38	7.0	2.1	580
N829150		7.49	12.60	0.19	1.0	4.07	2.13	17.1	30.4	0.58	2790	15.10	0.08	5.6	13.4	420
N829151		2.06	15.65	0.10	0.9	0.211	0.91	16.3	60.0	0.69	616	0.53	0.39	7.1	2.7	590
N829152		0.52	0.27	0.07	<0.1	0.006	0.02	0.7	1.0	13.75	219	0.12	0.01	0.2	1.2	180
N829153		2.25	16.40	0.11	1.1	0.099	1.01	21.3	88.8	0.90	545	0.64	0.37	8.3	2.3	580
N829154		2.37	16.85	0.12	1.1	0.067	1.46	16.5	28.3	0.66	640	0.68	1.48	8.2	2.9	650
N829155		2.35	17.80	0.12	1.0	0.066	1.48	17.3	26.3	0.61	628	0.62	1.54	8.3	3.1	640
N829156		1.99	17.20	0.12	1.0	0.060	1.85	13.0	19.9	0.40	565	1.50	1.13	7.5	2.2	620
N829157		2.71	16.75	0.13	0.8	0.225	2.28	14.9	29.1	0.54	1100	1.15	0.75	6.4	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138697

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829132		47.1	107.5	<0.002	0.42	19.20	11.1	1	3.2	115.5	0.57	<0.05	11.9	0.231	2.33	5.0
N829133		1310	158.0	<0.002	3.09	32.5	9.7	1	6.0	152.0	0.61	0.39	11.9	0.203	2.53	5.4
N829134		240	135.5	<0.002	1.46	46.8	9.3	1	6.3	101.5	0.45	<0.05	10.3	0.180	2.51	5.9
N829135		1345	105.5	<0.002	7.17	409	6.0	1	12.0	110.0	0.31	0.43	6.8	0.117	1.98	7.5
N829136		8.4	2.2	<0.002	0.10	2.75	0.4	1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N829137		168.0	211	<0.002	3.38	13.60	11.6	1	7.2	22.5	0.55	0.07	12.6	0.204	3.47	5.5
N829138		130.0	129.0	<0.002	0.42	5.68	11.7	1	2.7	245	0.68	<0.05	11.7	0.232	1.92	4.0
N829139		169.5	145.0	<0.002	0.59	5.16	11.6	1	2.9	222	0.66	<0.05	12.2	0.228	2.01	4.3
N829140		217	136.0	<0.002	0.57	10.30	11.6	1	2.8	193.5	0.61	<0.05	11.6	0.219	1.95	3.9
N829141		271	165.5	<0.002	1.08	11.30	12.4	1	3.4	148.0	0.62	<0.05	12.3	0.240	2.42	4.5
N829142		759	175.5	<0.002	8.53	48.0	9.1	1	8.9	22.4	0.46	0.14	10.0	0.188	2.71	4.5
N829143		13.5	60.1	<0.002	0.08	12.15	10.9	1	2.4	210	0.64	<0.05	10.0	0.233	1.31	3.0
N829144		12.6	51.9	<0.002	0.06	3.99	10.8	1	2.3	295	0.62	<0.05	8.5	0.239	1.14	3.2
N829145		17.4	74.8	<0.002	0.04	1.99	10.5	1	1.8	407	0.64	<0.05	11.5	0.259	1.09	3.6
N829146		56.9	175.0	<0.002	0.73	58.1	10.3	1	2.8	105.5	0.62	0.13	13.1	0.203	2.83	6.4
N829147		164.0	183.0	<0.002	4.77	34.8	8.4	1	4.8	28.5	0.64	0.28	13.8	0.154	2.56	5.5
N829148		10.7	86.4	<0.002	0.18	6.18	10.1	1	3.2	253	0.57	0.13	10.5	0.228	1.60	3.9
N829149		26.8	74.2	<0.002	0.11	4.83	10.3	1	3.0	162.5	0.54	0.05	12.7	0.217	1.65	4.6
N829150		8630	134.0	0.002	6.59	201	7.6	2	7.9	122.5	0.41	0.46	9.6	0.170	2.05	5.4
N829151		29.9	45.5	<0.002	0.27	13.40	11.0	1	3.1	166.5	0.55	0.19	11.6	0.227	0.93	5.9
N829152		1.9	1.0	<0.002	0.03	0.25	0.3	1	<0.2	47.6	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829153		37.5	42.6	<0.002	0.09	6.52	10.7	1	2.3	204	0.66	0.05	12.5	0.245	0.76	2.8
N829154		11.2	59.9	<0.002	0.09	4.54	11.3	1	2.2	239	0.60	<0.05	10.0	0.254	1.12	3.3
N829155		11.2	65.0	<0.002	0.08	4.37	11.5	1	2.3	242	0.63	<0.05	10.7	0.251	1.17	3.3
N829156		11.4	67.9	<0.002	0.09	8.39	10.1	1	3.4	148.0	0.53	0.73	8.1	0.235	1.25	2.6
N829157		357	101.0	<0.002	0.51	5.50	9.4	1	3.2	117.0	0.46	0.10	9.9	0.204	1.88	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-JUL-2012
Account: ROCKHA

Project: Klaza - 65

CERTIFICATE OF ANALYSIS WH12138697

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N829132		65	3.4	12.2	168	23.3		
N829133		57	5.1	11.1	2990	39.5		
N829134		53	4.1	10.7	1400	19.0		
N829135		35	5.7	7.9	1880	15.2		
N829136		2	0.2	0.9	32	0.5		
N829137		65	8.0	9.2	992	25.1		
N829138		65	2.5	14.2	598	27.5		
N829139		67	2.8	14.0	1400	27.4		
N829140		63	3.9	13.3	794	25.7		
N829141		69	2.9	14.7	1020	26.5		
N829142		54	6.7	10.8	1550	19.6		
N829143		70	2.0	13.1	52	27.0		
N829144		68	1.2	13.0	45	26.7		
N829145		71	1.4	14.7	42	29.5		
N829146		71	1.9	13.1	240	27.4		
N829147		49	4.5	9.3	412	24.4		
N829148		65	1.3	13.1	40	27.2		
N829149		62	1.1	14.4	75	21.7		
N829150		50	3.9	9.4	>10000	32.5	117	1.580
N829151		79	1.4	15.6	79	25.1		
N829152		3	0.1	0.8	19	<0.5		
N829153		70	2.4	14.1	54	30.1		
N829154		81	1.4	14.0	47	30.3		
N829155		81	1.4	14.6	47	29.2		
N829156		71	2.2	11.7	41	27.3		
N829157		67	1.9	10.7	999	23.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 65

Finalized Date: 6-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12138697

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

CERTIFICATE WH12139327

Project: Klaza - 67

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

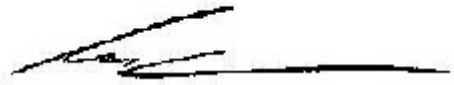
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12139327

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828230		7.05	0.080	2.91	7.92	255	1930	1.68	1.87	0.29	7.28	51.4	4.2	9	14.10	233
N828231		9.91	0.031	1.79	8.15	77.9	2110	1.83	2.73	0.80	14.00	59.3	10.5	9	18.45	85.7
N828232		4.68	0.025	1.13	8.01	21.8	2980	1.71	0.74	0.82	4.78	61.8	6.4	8	9.59	70.7
N828233		4.26	0.005	0.30	8.06	13.6	2540	1.74	0.22	1.58	5.16	66.0	3.7	8	13.15	12.5
N828234		<0.02	0.006	0.25	7.95	13.7	2510	1.86	0.23	1.57	5.33	65.9	4.0	9	13.50	12.2
N828235		10.22	<0.005	0.35	7.80	13.7	2180	1.73	0.31	2.00	3.35	38.6	4.0	9	9.23	33.0
N828236		10.54	<0.005	0.41	7.65	14.6	2020	1.69	0.42	1.91	5.63	56.9	5.5	9	9.82	11.4
N828237		13.47	0.020	1.12	7.35	50.7	1820	1.72	1.71	1.33	4.39	73.1	4.0	9	8.38	47.3
N828238		0.28	0.827	10.20	6.95	1905	200	1.39	6.32	2.07	45.4	47.5	15.4	19	17.70	114.5
N828239		5.92	0.564	4.16	7.67	189.5	480	1.42	6.44	1.35	9.21	61.5	5.1	7	12.65	453
N828240		6.55	0.943	4.79	6.42	254	310	1.45	3.78	0.42	39.4	59.5	4.3	7	13.50	112.5
N828241		2.70	0.008	0.04	0.11	7	20	0.06	0.06	21.1	0.16	1.61	1.2	<1	0.28	2.0
N828242		4.16	0.261	1.80	7.11	636	1520	1.56	1.53	1.49	55.6	72.3	3.3	6	14.45	51.9
N828243		8.08	0.012	0.24	7.60	22.7	2410	1.60	0.31	2.42	3.19	49.0	5.2	9	17.75	6.9
N828244		3.34	<0.005	0.18	7.29	22.1	2210	1.59	0.27	2.34	3.06	47.2	6.9	8	16.50	3.5
N828245		4.33	1.415	4.54	6.59	4100	1140	1.41	4.22	1.90	24.3	42.5	4.4	7	19.25	206
N828246		10.46	0.029	0.38	7.24	17.4	2140	1.42	0.31	2.69	1.29	44.6	4.4	9	14.65	5.7
N828247		13.42	0.028	0.87	7.02	67.5	1320	1.53	0.62	2.66	6.51	43.7	5.0	9	13.45	15.3
N828248		0.26	4.50	>100	5.35	8340	110	1.08	58.3	2.00	219	32.9	8.0	17	11.60	1280
N828249		10.17	0.046	1.40	6.50	86.2	1450	1.40	1.09	2.58	4.62	49.8	3.3	8	7.44	35.2
N828250		4.37	0.492	1.84	6.94	135.5	1170	1.33	1.28	2.95	36.8	21.5	1.9	9	6.03	47.2
N828251		6.57	<0.005	0.43	6.57	29.6	560	1.61	0.63	3.28	2.28	29.7	3.1	8	7.38	4.5
N828252		6.08	0.011	0.40	6.18	46.0	890	1.53	0.45	3.24	1.80	26.9	6.3	7	9.55	4.6
N828253		4.71	0.494	7.04	6.43	996	240	1.13	4.93	0.59	22.8	33.5	8.9	6	8.49	90.3
N828254		5.73	0.254	4.22	7.25	299	570	1.22	4.63	0.33	27.3	34.8	12.5	10	7.85	115.0
N828255		3.76	0.732	12.40	6.65	1520	300	1.22	21.1	0.25	11.05	51.4	5.6	10	7.63	203
N828256		3.89	0.032	2.10	7.03	77.8	1160	1.44	2.45	1.73	7.43	45.3	5.5	8	11.65	74.2
N828257		3.25	0.007	0.40	7.40	57.1	1970	1.91	1.02	2.35	0.32	46.7	7.0	9	13.10	14.9
N828258		11.48	<0.005	0.15	6.76	14.3	2200	1.71	0.99	3.27	0.24	44.4	10.1	11	9.69	9.1
N828259		4.52	<0.005	0.14	6.62	13.2	2190	1.59	1.09	3.17	0.19	42.2	14.7	11	9.37	7.1
N828260		5.40	<0.005	0.04	6.78	15.1	1980	1.48	0.17	2.09	0.19	40.5	6.1	10	11.30	1.5
N828261		3.11	<0.005	0.07	7.31	18.9	2630	1.30	0.19	1.50	0.26	42.8	6.5	9	18.70	2.3
N828262		8.27	<0.005	0.08	6.86	8.3	2160	1.76	0.20	2.57	0.16	45.8	5.4	11	12.50	6.2
N828263		6.42	0.066	2.58	7.23	283	2010	1.72	1.97	1.65	15.00	34.2	5.7	9	7.53	104.0
N828264		1.38	<0.005	0.02	0.08	6	20	0.05	0.03	21.4	0.09	1.42	1.6	<1	0.18	3.1
N828265		0.76	0.008	0.20	6.39	22.8	2100	1.65	0.20	3.23	1.75	22.4	9.0	9	6.35	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12139327

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828230		5.16	17.10	0.11	1.0	0.284	3.52	28.8	13.9	0.29	632	2.17	0.36	6.9	2.3	590
N828231		4.78	17.65	0.12	1.1	0.193	3.44	36.3	25.9	0.36	1240	2.23	0.37	7.5	2.8	600
N828232		3.74	17.20	0.12	1.1	0.170	3.26	33.5	11.9	0.57	486	1.11	1.48	7.9	2.6	620
N828233		2.70	17.20	0.14	1.2	0.070	2.89	38.9	9.6	0.32	448	2.20	2.13	7.7	2.1	590
N828234		2.70	17.30	0.14	1.1	0.065	2.89	36.0	9.8	0.31	452	2.41	2.12	7.8	2.2	600
N828235		1.81	17.45	0.12	1.0	0.065	3.24	18.3	10.8	0.46	617	6.07	0.76	7.1	2.4	630
N828236		1.88	17.45	0.14	1.1	0.104	3.66	28.5	12.0	0.44	750	2.22	0.11	6.0	2.8	620
N828237		2.49	15.90	0.15	1.1	0.188	3.22	39.1	105.0	0.60	874	4.74	0.04	5.9	2.6	580
N828238		5.62	15.25	0.15	1.5	0.975	3.02	23.5	27.4	0.75	2060	14.20	0.29	8.0	16.1	520
N828239		5.41	15.30	0.16	1.0	0.307	3.39	33.4	46.7	0.83	1640	4.01	0.04	5.9	2.5	570
N828240		4.53	14.25	0.16	0.9	0.463	2.99	33.0	18.4	0.36	1180	9.95	0.03	5.3	2.3	410
N828241		0.49	0.31	0.08	<0.1	0.005	0.05	0.8	1.4	13.35	221	0.14	0.01	0.3	1.5	190
N828242		4.01	15.80	0.15	1.0	1.570	3.45	42.3	10.6	0.81	2600	2.77	0.04	6.2	2.2	520
N828243		3.94	16.20	0.16	1.2	0.088	3.83	24.3	20.1	0.76	1110	2.63	1.05	7.6	2.8	610
N828244		2.87	14.50	0.14	1.5	0.038	3.47	23.5	21.0	0.62	768	2.23	1.32	7.0	2.2	540
N828245		3.63	14.35	0.12	1.0	0.510	2.93	21.7	35.8	0.57	2090	3.95	0.05	6.6	2.3	520
N828246		2.99	14.30	0.15	1.3	0.080	3.03	22.5	16.8	0.70	577	2.43	1.73	7.3	2.1	580
N828247		3.21	15.30	0.15	1.0	0.134	2.97	22.6	25.9	0.78	1340	1.15	0.52	6.2	2.5	550
N828248		8.22	12.05	0.19	1.1	4.75	2.32	16.5	31.8	0.64	3000	16.95	0.08	5.5	13.6	440
N828249		2.73	14.65	0.12	0.9	0.240	3.34	29.5	25.1	0.81	1960	0.58	0.09	5.9	1.1	530
N828250		3.62	14.40	0.15	1.0	0.693	3.18	8.1	30.5	0.95	2340	1.13	0.11	4.9	1.4	490
N828251		1.81	15.65	0.14	1.1	0.116	2.53	11.3	83.2	0.59	1080	0.36	0.13	6.1	1.5	560
N828252		2.08	14.75	0.14	0.9	0.100	2.63	10.8	60.5	0.89	1240	1.19	0.14	5.3	3.1	500
N828253		6.28	14.90	0.17	0.8	0.508	3.16	15.5	6.7	0.53	1600	1.43	0.04	5.0	3.3	500
N828254		6.59	15.30	0.17	1.0	1.385	3.51	15.4	5.4	0.55	2720	0.98	0.04	5.9	3.5	580
N828255		7.81	15.80	0.20	1.0	0.433	3.18	26.1	5.7	0.35	1320	1.38	0.04	6.0	2.2	490
N828256		4.25	14.15	0.17	1.0	0.431	3.40	23.0	20.2	0.77	2600	1.07	0.05	6.4	2.2	520
N828257		4.01	18.00	0.10	1.2	0.111	3.29	24.4	23.6	0.67	830	1.18	0.64	8.7	2.7	570
N828258		2.87	16.95	0.07	1.1	0.051	2.70	23.6	13.5	0.81	704	1.22	0.97	7.0	3.4	550
N828259		2.90	16.85	0.09	1.0	0.047	2.70	22.0	13.5	0.75	669	1.63	1.02	6.9	3.4	540
N828260		2.72	17.60	0.10	1.2	0.042	2.42	20.9	61.3	0.51	693	1.29	0.16	7.9	2.5	610
N828261		2.82	17.60	0.09	1.2	0.043	2.38	22.4	97.3	0.38	637	1.41	0.11	9.7	2.3	680
N828262		2.97	16.50	0.11	1.2	0.046	2.76	23.4	22.0	0.70	498	1.50	1.89	8.9	2.3	580
N828263		4.76	16.20	0.11	1.0	0.902	3.41	17.3	12.0	0.72	3890	0.63	0.06	5.9	2.2	490
N828264		0.54	0.37	<0.05	<0.1	0.007	0.03	0.7	1.1	12.70	221	0.21	0.01	0.4	1.8	160
N828265		2.15	16.80	0.06	1.0	0.051	3.40	8.9	14.1	0.76	1430	0.57	0.06	6.1	2.6	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12139327

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828230		361	194.5	0.002	0.07	10.85	11.0	1	5.1	78.4	0.61	0.20	16.2	0.235	2.57	8.3
N828231		203	179.0	<0.002	0.43	6.80	11.7	1	4.8	105.0	0.64	0.32	15.7	0.243	2.30	6.7
N828232		117.0	139.0	<0.002	0.11	5.46	11.1	1	2.2	227	0.71	0.12	16.9	0.259	1.45	3.9
N828233		27.2	119.0	<0.002	0.06	3.84	11.5	2	1.9	308	0.70	0.06	15.4	0.249	1.28	4.0
N828234		27.5	119.5	<0.002	0.07	3.83	11.5	2	2.0	308	0.68	<0.05	15.4	0.248	1.27	4.0
N828235		37.6	138.0	0.003	0.11	24.6	10.4	1	2.5	120.0	0.61	<0.05	13.5	0.237	1.87	3.5
N828236		75.1	180.5	0.004	0.22	31.9	9.5	<1	2.7	65.4	0.56	<0.05	14.3	0.212	2.85	3.5
N828237		89.5	179.0	0.003	0.67	19.15	10.2	1	3.6	89.5	0.57	0.10	14.6	0.196	2.54	5.1
N828238		1405	166.0	<0.002	3.38	35.0	9.0	1	6.6	160.5	0.68	0.34	11.7	0.217	2.59	5.4
N828239		315	188.5	<0.002	2.82	19.20	10.7	1	6.5	58.6	0.55	0.40	14.2	0.215	2.98	4.5
N828240		1070	203	<0.002	3.41	43.2	9.0	1	5.9	34.0	0.46	0.14	11.9	0.178	2.93	4.4
N828241		5.0	2.3	<0.002	0.03	0.19	0.3	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828242		536	195.5	<0.002	0.80	13.85	10.0	1	2.6	46.9	0.54	<0.05	13.0	0.214	2.90	6.9
N828243		94.5	145.5	<0.002	0.22	6.87	10.8	1	2.1	223	0.69	<0.05	12.6	0.265	2.42	5.8
N828244		24.9	128.5	<0.002	0.18	7.10	9.2	1	1.4	235	0.85	<0.05	15.9	0.232	2.15	6.4
N828245		318	133.5	<0.002	1.50	26.5	8.4	1	4.8	79.6	0.60	<0.05	11.0	0.223	2.39	5.8
N828246		172.5	112.0	<0.002	0.12	4.99	10.0	1	1.9	307	0.69	<0.05	13.0	0.254	1.51	4.4
N828247		242	158.0	<0.002	0.85	6.94	10.3	1	2.7	146.0	0.50	0.06	13.4	0.214	2.52	4.3
N828248		9460	139.0	0.002	7.26	214	7.1	2	8.9	122.0	0.44	0.52	8.7	0.181	2.18	5.5
N828249		207	166.5	<0.002	0.95	15.35	8.9	1	3.5	97.5	0.51	0.13	11.3	0.192	3.20	2.4
N828250		286	157.5	<0.002	1.09	83.6	9.3	1	3.4	95.8	0.43	0.05	11.7	0.174	2.78	2.2
N828251		132.0	121.5	<0.002	0.40	6.61	9.4	1	2.3	127.5	0.61	0.09	11.2	0.206	2.51	3.2
N828252		64.7	116.0	<0.002	0.49	6.05	9.0	1	2.4	112.0	0.50	0.06	9.9	0.178	2.56	3.1
N828253		1065	221	<0.002	3.63	19.90	9.1	1	4.4	15.9	0.42	0.16	11.9	0.165	2.89	2.7
N828254		471	232	<0.002	2.98	10.75	9.9	1	3.9	12.7	0.52	0.27	13.4	0.190	3.05	3.2
N828255		430	198.0	<0.002	6.40	22.4	9.4	1	4.8	26.3	0.53	0.62	11.7	0.206	2.94	2.9
N828256		352	215	<0.002	1.19	11.45	9.1	1	2.8	51.0	0.58	0.30	12.7	0.192	3.21	3.0
N828257		27.4	139.0	<0.002	0.39	5.25	10.9	1	2.1	167.0	0.71	0.11	12.4	0.241	2.26	3.3
N828258		15.7	105.0	<0.002	0.31	4.76	10.9	1	1.6	180.5	0.58	<0.05	11.0	0.203	1.74	3.9
N828259		14.8	99.1	<0.002	0.38	4.66	10.7	1	1.5	183.5	0.56	<0.05	10.5	0.204	1.69	4.0
N828260		11.1	86.6	<0.002	0.13	27.1	10.4	1	1.5	152.5	0.67	<0.05	10.7	0.227	1.55	4.0
N828261		19.5	85.7	<0.002	0.10	30.3	11.9	1	1.8	179.0	0.78	<0.05	11.7	0.278	1.13	2.7
N828262		17.6	95.9	<0.002	0.07	3.40	10.9	1	1.6	318	0.75	<0.05	11.8	0.248	1.24	3.7
N828263		241	179.5	<0.002	1.02	9.79	10.2	1	3.7	46.4	0.50	<0.05	15.2	0.170	2.71	4.1
N828264		1.9	1.5	<0.002	0.09	0.07	0.4	1	<0.2	43.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
N828265		93.2	113.0	<0.002	0.39	4.80	10.6	1	1.9	80.0	0.54	<0.05	10.9	0.186	2.38	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12139327

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828230		68	4.8	11.2	781	24.7		
N828231		65	4.1	16.1	944	26.0		
N828232		71	2.1	14.5	541	28.1		
N828233		70	1.3	16.9	364	27.2		
N828234		71	1.3	16.9	365	25.5		
N828235		70	1.6	12.8	251	24.8		
N828236		74	1.8	10.1	454	24.4		
N828237		65	3.1	12.6	363	25.1		
N828238		62	5.6	11.6	3120	41.4		
N828239		70	4.7	12.1	830	22.1		
N828240		58	5.2	8.7	1240	21.7		
N828241		2	0.1	0.9	22	0.5		
N828242		61	4.2	12.3	3660	24.4		
N828243		74	3.6	13.7	388	30.0		
N828244		64	2.4	12.5	572	31.3		
N828245		61	4.3	11.4	1580	25.3		
N828246		69	2.2	13.6	206	29.1		
N828247		69	2.6	13.2	581	25.4		
N828248		54	4.5	9.1	>10000	31.6	120	1.680
N828249		53	2.7	10.9	318	22.2		
N828250		53	2.7	9.3	2290	23.9		
N828251		60	1.4	10.2	250	25.0		
N828252		61	1.5	10.5	324	22.8		
N828253		55	7.7	6.6	1740	20.1		
N828254		56	9.3	6.4	1380	25.7		
N828255		67	6.6	8.0	600	23.8		
N828256		63	3.3	10.7	522	26.3		
N828257		74	3.1	14.1	131	33.9		
N828258		71	1.3	12.0	75	30.3		
N828259		73	1.2	11.5	75	29.5		
N828260		65	5.2	10.9	102	32.2		
N828261		72	7.4	14.4	124	33.6		
N828262		72	1.4	14.7	52	35.1		
N828263		63	2.7	8.2	1200	27.8		
N828264		3	0.1	1.0	17	<0.5		
N828265		65	1.8	8.3	175	29.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12139327

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140552

Project: Klaza-66

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

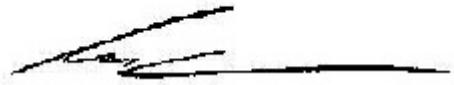
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140552

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829559		4.59	0.017	0.54	7.60	34.5	3090	1.50	2.83	1.90	0.16	45.5	9.7	11	10.30	66.0
N829560		10.16	0.036	1.84	6.53	82.5	250	1.30	3.56	1.60	2.10	44.7	6.4	13	14.05	92.5
N829561		10.36	0.010	0.35	7.66	22.2	2340	1.48	1.57	2.40	0.15	49.5	6.2	12	10.00	61.6
N829562		10.15	0.034	1.96	7.31	79.5	730	1.49	5.16	1.94	1.18	54.3	7.4	11	14.75	172.0
N829563		6.71	0.859	51.0	6.74	2410	210	1.44	71.8	1.62	33.9	48.3	9.0	8	14.95	1060
N829564		2.19	<0.005	0.24	0.09	<5	20	0.05	0.45	21.2	0.16	1.52	1.7	2	0.27	11.2
N829565		5.60	0.023	0.77	7.16	43.4	2040	1.55	3.90	2.56	0.26	53.9	6.7	11	15.10	141.5
N829566		4.65	0.024	1.08	6.93	29.9	1780	1.32	2.90	1.78	0.46	54.0	5.7	11	14.15	81.4
N829567		7.80	0.026	1.55	7.14	41.7	900	1.54	3.16	2.30	0.32	49.7	8.5	11	14.55	72.6
N829568		8.05	0.010	0.24	7.46	18.0	1820	1.20	1.31	1.83	0.13	43.4	4.1	11	10.35	54.9
N829569		7.16	0.079	1.20	7.20	41.7	310	1.55	4.29	2.33	0.24	54.9	19.4	10	21.1	83.8
N829570		0.25	2.26	23.6	5.83	3100	400	1.38	19.20	2.23	73.0	44.5	11.7	20	14.50	429
N829571		12.86	0.026	0.41	7.42	49.6	2410	1.51	3.97	2.07	0.27	50.8	13.7	10	13.45	90.2
N829572		10.11	0.014	0.36	7.46	19.4	2440	1.62	2.16	2.07	0.15	48.3	8.2	11	12.40	105.5
N829573		7.57	0.013	0.38	7.38	22.0	1820	1.47	1.45	1.96	0.21	49.5	5.6	11	12.55	102.5
N829574		6.86	0.054	1.30	6.47	72.6	400	1.68	3.39	2.39	1.79	49.2	11.4	9	11.40	31.5
N829575		12.37	0.038	0.69	7.38	57.4	2260	1.43	1.78	2.55	0.24	47.5	7.8	12	11.40	184.0
N829576		7.05	0.177	0.75	7.34	49.9	2400	1.60	2.83	2.90	0.18	56.8	8.2	11	10.35	114.0
N829577		6.86	0.039	0.74	7.40	39.9	2660	1.57	1.95	2.59	0.22	56.5	7.3	11	9.84	125.5
N829578		8.99	0.022	0.46	7.26	30.3	2500	1.50	2.49	2.26	0.21	47.8	6.8	10	10.35	65.6
N829579		4.62	0.016	0.35	7.39	25.8	2600	1.42	2.11	2.33	0.26	45.5	5.7	13	9.51	58.2
N829580		6.16	0.045	2.61	7.21	87.1	290	1.60	40.1	2.12	1.61	51.1	22.5	10	12.80	313
N829581		5.80	0.013	0.26	7.66	14.3	2950	1.56	1.81	2.44	0.13	50.7	5.8	12	10.20	39.8
N829582		4.63	0.084	3.18	7.27	80.7	330	1.57	5.90	1.62	0.56	54.1	7.4	9	11.90	35.8
N829583		12.06	0.016	0.43	7.39	21.9	2830	1.51	2.19	2.56	0.11	46.7	14.7	10	12.90	53.5
N829584		9.65	0.017	0.59	7.63	29.9	2270	1.56	2.24	2.44	0.28	51.2	8.6	11	14.15	131.5
N829585		0.24	4.37	>100	5.40	6980	130	1.15	58.6	1.99	221	33.2	9.8	18	11.15	1245
N829586		7.42	0.020	0.62	6.66	33.0	1370	1.46	3.82	3.76	0.35	57.5	20.1	9	32.5	45.2
N829587		14.01	0.009	0.22	6.83	13.9	1790	1.37	1.17	2.93	0.32	42.3	8.3	9	16.60	24.1
N829588		12.47	0.007	0.17	7.87	9.8	2210	1.28	0.71	2.00	0.24	43.1	6.8	9	12.50	45.0
N829589		12.35	0.007	0.26	7.07	10.2	1680	1.18	1.18	2.07	0.19	40.8	5.1	10	11.50	45.3
N829590		<0.02	0.009	0.28	7.65	11.3	1700	1.25	1.21	2.13	0.19	41.1	5.3	10	11.90	46.9
N829591		11.23	0.026	0.24	6.89	15.8	1610	1.31	0.89	2.57	0.20	46.8	11.2	10	21.1	84.5
N829592		1.64	<0.005	0.01	0.11	<5	20	0.07	0.02	21.8	0.07	1.28	1.9	1	0.26	1.5
N829593		7.80	0.009	0.48	6.62	18.0	1360	1.40	1.39	4.25	0.17	43.5	9.2	9	12.80	74.0
N829594		9.15	0.032	0.95	6.82	61.2	2010	1.53	1.76	3.82	1.06	54.4	9.5	10	21.5	180.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140552

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829559		3.28	16.15	0.16	0.8	0.261	3.47	23.2	16.2	0.67	621	4.41	0.90	7.2	2.9	600
N829560		5.42	15.65	0.18	0.7	0.396	2.86	23.6	13.9	0.80	1850	1.13	0.13	6.5	2.8	500
N829561		3.10	17.45	0.19	0.9	0.181	2.92	24.7	21.5	0.83	665	1.19	1.35	8.3	2.8	630
N829562		4.63	16.10	0.18	0.8	0.477	3.19	28.6	14.3	0.95	1320	1.79	0.31	7.5	3.3	600
N829563		6.93	16.10	0.22	0.8	1.015	3.13	25.6	11.3	0.87	3600	1.52	0.04	7.0	2.9	540
N829564		0.49	0.29	0.15	<0.1	0.012	0.04	0.8	1.2	12.60	216	0.20	<0.01	0.3	4.4	170
N829565		2.81	16.40	0.16	1.0	0.440	3.01	28.0	27.8	0.92	961	1.81	0.08	7.2	2.5	560
N829566		3.01	15.25	0.14	1.1	0.244	3.12	29.2	27.3	0.68	818	1.91	0.09	6.8	2.6	420
N829567		3.31	16.05	0.14	0.9	0.238	2.93	25.8	28.8	0.87	751	1.66	0.07	7.2	2.7	550
N829568		2.41	15.90	0.14	1.1	0.141	2.21	22.2	67.6	0.64	548	1.31	0.08	7.7	2.1	620
N829569		3.77	15.25	0.15	0.9	0.190	2.90	30.4	19.2	0.96	734	1.48	0.05	6.8	3.1	550
N829570		6.80	14.75	0.12	0.9	1.730	2.60	24.2	24.7	0.91	1840	13.25	0.04	5.9	15.9	430
N829571		2.93	16.55	0.14	0.9	0.197	2.42	26.9	39.7	0.79	631	5.41	0.21	7.2	2.5	590
N829572		2.77	16.50	0.14	1.1	0.169	2.67	25.0	20.7	0.78	525	1.74	1.87	8.1	3.4	580
N829573		2.57	16.00	0.10	1.2	0.173	2.71	25.1	53.9	0.71	592	1.15	0.49	6.7	2.7	580
N829574		4.02	13.70	0.17	0.8	0.438	2.89	27.1	16.0	0.96	1220	2.48	0.04	6.2	2.7	480
N829575		3.10	17.05	0.15	1.0	0.322	2.95	23.8	28.6	0.80	936	5.46	1.15	7.5	2.6	590
N829576		3.46	16.90	0.16	1.1	0.424	3.12	29.3	13.8	0.86	1050	2.55	1.49	8.1	3.2	620
N829577		2.95	16.85	0.17	1.1	0.333	3.23	29.3	17.7	0.81	831	1.05	1.76	7.7	2.8	560
N829578		2.85	17.10	0.16	1.1	0.443	3.02	24.5	23.9	0.77	724	1.19	1.15	7.7	2.8	570
N829579		2.82	16.90	0.16	1.1	0.418	3.06	22.7	26.1	0.78	730	1.22	1.24	7.7	2.6	590
N829580		4.39	15.70	0.16	1.0	0.325	3.12	27.2	24.1	0.87	945	2.17	0.58	7.4	2.9	570
N829581		2.88	16.05	0.17	0.9	0.196	2.90	26.5	10.7	0.75	505	1.29	2.26	7.3	2.5	600
N829582		3.84	16.25	0.16	0.9	0.226	3.29	29.9	23.0	0.70	1120	1.04	0.06	7.1	2.5	560
N829583		3.15	16.50	0.15	0.9	0.251	3.02	23.2	25.1	0.82	675	1.64	0.80	7.8	3.0	590
N829584		3.80	16.75	0.17	1.0	0.540	2.87	26.5	25.9	0.94	732	2.92	0.71	7.4	2.5	590
N829585		8.21	13.30	0.14	1.0	4.76	2.27	17.3	31.8	0.64	2960	15.35	0.08	5.6	14.1	440
N829586		2.79	15.10	0.16	0.8	0.398	2.25	33.0	30.0	0.89	779	3.10	0.06	6.5	2.9	500
N829587		2.24	15.05	0.15	1.0	0.159	2.53	21.6	55.8	0.68	627	9.39	0.08	7.8	2.3	560
N829588		2.61	17.05	0.14	1.1	0.104	3.07	21.6	63.6	0.64	449	1.79	0.12	8.9	2.4	600
N829589		2.48	15.15	0.14	1.0	0.121	2.42	20.2	69.9	0.75	557	1.68	0.09	7.8	2.3	560
N829590		2.56	16.25	0.13	1.0	0.141	2.48	20.4	72.8	0.78	578	1.97	0.09	7.7	2.4	560
N829591		2.48	15.35	0.15	0.9	0.161	2.30	24.3	57.9	0.79	612	2.71	0.08	7.5	2.2	550
N829592		0.48	0.38	0.25	<0.1	0.007	0.03	0.6	1.5	13.05	212	0.17	<0.01	0.3	4.0	160
N829593		2.64	13.60	0.15	1.0	0.214	2.09	24.0	66.9	0.99	783	2.24	0.07	6.7	2.0	430
N829594		2.78	14.25	0.16	1.0	0.524	2.80	30.8	19.1	1.38	1600	2.80	0.06	6.7	2.6	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140552

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829559		20.2	126.5	<0.002	0.86	4.81	11.5	1	3.0	181.0	0.52	1.06	12.2	0.225	1.76	5.9
N829560		110.5	161.0	<0.002	2.57	9.47	10.2	2	5.0	92.0	0.47	0.59	10.2	0.199	2.17	3.6
N829561		25.4	114.5	<0.002	0.58	4.53	12.5	1	2.8	270	0.59	0.37	13.0	0.260	1.56	4.5
N829562		70.4	176.5	<0.002	1.77	8.88	12.2	2	3.9	124.5	0.57	1.13	12.1	0.226	2.50	4.4
N829563		922	200	<0.002	4.71	51.3	10.6	2	8.1	42.4	0.52	2.10	11.8	0.209	2.80	4.8
N829564		6.3	2.4	<0.002	0.02	0.19	0.5	<1	<0.2	47.3	<0.05	<0.05	0.2	<0.005	0.03	1.3
N829565		23.1	145.0	<0.002	0.56	19.10	10.8	1	3.3	135.5	0.62	0.85	14.3	0.230	2.43	3.7
N829566		34.4	144.5	<0.002	0.91	12.75	8.5	1	2.6	99.8	0.69	0.37	19.8	0.182	2.01	3.8
N829567		36.9	132.0	<0.002	1.72	12.85	10.2	2	4.6	162.0	0.58	0.78	14.7	0.230	2.07	3.9
N829568		14.8	80.3	<0.002	0.34	12.45	10.3	1	2.2	208	0.61	0.17	14.9	0.259	1.36	3.9
N829569		41.9	159.0	<0.002	2.48	12.05	10.3	3	6.0	111.5	0.52	0.95	14.2	0.226	2.15	3.5
N829570		2750	158.5	0.002	4.78	89.4	8.1	2	8.1	92.0	0.45	0.36	11.1	0.175	2.42	5.5
N829571		19.1	103.5	0.002	0.98	23.5	10.8	2	3.1	154.0	0.57	0.96	13.9	0.241	1.68	5.1
N829572		22.9	92.8	<0.002	0.35	11.15	10.5	1	3.4	350	0.69	0.61	15.3	0.251	1.34	4.3
N829573		17.2	109.5	<0.002	0.52	10.70	10.2	1	3.8	244	0.57	0.73	14.0	0.240	1.66	3.9
N829574		70.2	176.5	<0.002	2.04	11.75	8.7	2	4.3	93.0	0.51	0.82	13.3	0.187	2.57	6.4
N829575		24.0	119.0	0.002	0.69	11.35	10.3	1	3.4	251	0.61	0.47	13.1	0.236	1.95	4.1
N829576		23.9	139.0	0.002	1.03	4.04	10.9	1	3.7	301	0.72	0.55	13.7	0.241	2.07	5.0
N829577		27.0	122.5	0.002	0.54	11.65	10.4	1	3.4	293	0.59	0.35	14.9	0.232	1.89	4.9
N829578		21.4	123.5	<0.002	1.03	7.38	10.5	1	4.1	215	0.72	0.56	13.7	0.224	1.92	4.6
N829579		21.3	112.0	<0.002	0.88	7.16	10.4	1	3.9	232	0.74	0.56	13.6	0.234	1.79	4.8
N829580		98.4	138.5	<0.002	2.52	15.85	10.6	2	5.2	153.5	0.66	1.36	13.7	0.225	2.17	4.6
N829581		18.0	107.5	0.002	0.88	4.25	10.2	1	3.4	353	0.56	0.55	12.8	0.242	1.56	3.6
N829582		83.1	200	<0.002	2.38	13.85	10.2	2	4.8	87.2	0.52	0.96	12.4	0.231	2.66	5.3
N829583		18.7	116.0	0.002	1.07	12.30	10.1	2	3.5	199.5	0.64	0.51	11.8	0.245	1.98	4.5
N829584		31.3	127.0	<0.002	1.09	18.45	10.5	2	4.3	206	0.58	0.48	14.0	0.239	2.22	6.1
N829585		9480	133.0	0.002	7.16	218	7.2	3	8.6	123.0	0.44	0.44	9.4	0.179	2.17	5.7
N829586		42.0	117.5	0.002	1.22	12.90	9.4	2	3.4	138.0	0.52	1.18	13.0	0.207	1.74	5.8
N829587		22.1	84.2	0.018	0.45	10.75	8.7	1	2.6	169.5	0.73	0.35	12.8	0.236	1.34	2.6
N829588		28.6	106.5	0.002	0.20	10.40	10.2	1	2.3	175.5	0.83	0.17	15.5	0.258	1.48	3.0
N829589		23.7	75.4	0.003	0.21	11.90	9.8	1	2.5	190.0	0.69	0.27	12.8	0.242	1.21	2.4
N829590		23.9	75.3	0.002	0.23	12.15	10.0	1	2.7	197.0	0.67	0.32	13.0	0.242	1.22	2.7
N829591		21.4	82.4	0.002	0.37	14.05	10.0	1	12.2	182.5	0.62	0.24	13.2	0.238	1.21	3.6
N829592		1.3	1.6	0.002	0.01	0.12	0.4	<1	0.2	44.2	<0.05	<0.05	0.2	<0.005	0.02	0.5
N829593		18.9	80.7	0.005	0.67	16.10	8.3	1	6.1	227	0.76	0.53	14.8	0.197	1.16	4.6
N829594		47.7	141.0	<0.002	0.71	20.3	9.5	1	7.0	118.0	0.51	0.33	15.6	0.217	2.30	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140552

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N829559		70	1.7	12.7	53	25.2		
N829560		61	4.5	9.6	229	20.8		
N829561		75	1.5	15.2	49	25.4		
N829562		70	2.5	13.1	144	21.9		
N829563		63	6.3	10.2	3500	22.5		
N829564		2	0.1	0.9	25	<0.5		
N829565		66	2.1	16.4	66	26.0		
N829566		50	3.4	14.1	64	27.4		
N829567		66	2.7	13.9	59	24.2		
N829568		66	5.8	13.8	49	26.7		
N829569		67	2.1	13.3	43	23.2		
N829570		55	5.0	10.8	5290	24.8		
N829571		72	2.0	14.2	59	23.8		
N829572		69	1.9	16.3	52	27.8		
N829573		67	4.4	14.7	55	27.9		
N829574		56	2.4	12.6	169	21.9		
N829575		69	1.7	15.0	67	25.9		
N829576		72	1.4	16.9	64	26.3		
N829577		66	1.4	16.4	59	29.2		
N829578		67	1.6	15.3	54	27.1		
N829579		70	1.6	14.9	62	27.3		
N829580		65	2.0	13.8	187	24.7		
N829581		71	1.2	14.9	43	24.2		
N829582		65	3.5	13.1	79	22.7		
N829583		71	5.0	14.6	45	23.3		
N829584		70	2.6	17.0	70	25.2		
N829585		52	4.4	10.2	>10000	30.7	125	1.595
N829586		62	3.5	19.8	57	22.2		
N829587		64	12.5	16.0	58	25.6		
N829588		69	15.5	13.9	54	28.7		
N829589		66	16.0	13.2	56	25.3		
N829590		68	15.3	13.3	55	26.0		
N829591		66	16.6	14.9	46	24.2		
N829592		2	0.2	0.9	16	<0.5		
N829593		53	7.5	16.0	49	22.6		
N829594		60	2.7	18.3	135	26.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140552

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140553

Project: Klaza-66

P.O. No.: Batch 2

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

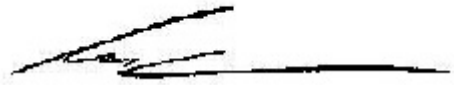
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140553

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829487		4.39	0.978	2.90	6.98	1355	630	1.84	1.62	2.18	14.40	51.1	4.9	8	20.3	81.2
N829488		2.30	<0.005	0.02	0.13	<5	20	0.10	0.03	21.6	0.09	2.12	1.9	2	0.21	1.3
N829489		4.73	1.205	5.34	6.09	3450	130	1.29	1.23	2.83	37.4	40.8	8.0	8	10.75	73.3
N829490		12.02	0.083	4.35	6.83	192.5	340	1.43	2.79	1.99	3.67	52.0	6.4	8	13.40	116.5
N829491		9.11	0.162	6.73	7.13	158.5	390	1.51	7.56	1.72	19.10	51.5	7.1	9	14.00	173.5
N829492		0.32	4.59	>100	5.33	7340	90	1.29	57.7	1.92	221	31.9	9.1	18	11.25	1230
N829493		5.99	0.896	9.41	6.82	2590	380	1.37	10.20	1.43	70.1	44.7	10.5	9	9.53	198.0
N829494		4.76	2.63	>100	6.25	2910	370	1.94	3.48	1.23	140.5	36.9	4.5	9	8.97	2010
N829495		7.99	0.013	1.01	7.25	38.9	2630	1.64	1.68	1.58	1.10	59.0	3.5	9	11.40	45.4
N829496		5.68	0.066	1.19	7.44	95.3	2230	1.61	1.81	1.89	1.05	53.8	3.9	9	11.50	128.5
N829497		4.74	2.50	24.6	5.39	2800	280	1.24	10.70	1.46	79.7	36.1	4.8	7	11.20	283
N829498		1.96	<0.005	0.07	0.17	6	40	0.08	0.03	20.4	0.18	1.15	1.3	1	1.78	3.1
N829499		5.39	0.065	3.27	6.79	235	330	1.51	1.31	1.96	9.55	56.4	5.5	8	13.70	47.5
N829500		12.28	0.096	1.52	7.27	118.5	1010	1.49	3.32	1.95	2.22	48.3	5.1	8	12.90	117.0
N829501		7.77	0.352	1.15	7.67	111.5	3140	1.56	2.11	1.88	0.82	53.3	6.7	9	12.10	217
N829502		9.28	0.274	6.28	7.54	240	510	1.73	8.95	1.13	4.82	56.9	12.6	8	11.00	564
N829503		5.17	1.430	7.07	7.21	6690	120	1.48	13.50	1.08	8.99	51.2	12.9	9	8.16	713
N829504		0.33	0.783	10.00	6.82	1810	160	1.58	6.18	1.93	45.2	46.0	17.0	22	17.50	108.5
N829505		8.90	0.180	2.58	7.89	615	350	1.74	4.16	1.56	3.35	60.1	11.2	9	9.23	206
N829506		6.21	0.017	1.24	7.59	67.4	2380	1.66	1.47	2.16	0.93	54.5	7.9	9	8.54	158.0
N829507		6.01	0.167	2.39	7.52	798	940	1.73	2.18	2.04	11.40	58.4	11.7	9	11.60	95.7
N829508		8.34	0.089	1.09	7.80	441	2450	1.78	1.56	1.89	1.32	55.5	11.7	11	5.89	123.0
N829509		4.46	0.017	0.57	7.65	61.3	2520	1.76	1.20	1.26	1.51	48.0	9.0	8	8.32	27.7
N829510		5.04	2.93	15.00	6.77	>10000	180	1.61	47.8	1.11	1.08	47.5	28.6	9	5.66	780
N829511		7.30	0.093	3.99	7.66	436	1610	1.80	2.76	1.81	12.55	56.3	9.7	10	7.77	142.5
N829512		13.27	0.038	1.87	7.78	62.0	2550	1.87	3.07	2.34	1.25	56.0	9.1	9	7.86	88.0
N829513		4.39	0.084	3.30	7.62	177.0	540	1.66	3.25	1.92	8.74	55.6	4.2	9	7.46	171.5
N829514		13.25	0.019	1.64	7.71	44.9	2830	1.74	6.63	2.42	3.10	51.3	6.7	9	7.63	147.0
N829515		10.95	0.057	2.28	7.24	112.5	560	1.54	8.26	2.13	0.69	49.5	14.5	8	5.93	265
N829516		5.61	0.103	4.28	7.39	240	310	1.59	6.65	1.67	2.93	53.0	9.9	9	11.65	186.5
N829517		6.86	0.026	1.61	7.21	68.9	2190	1.76	6.30	2.26	0.51	47.7	18.2	9	13.45	108.5
N829518		14.88	0.030	0.96	7.35	40.8	2540	1.55	2.19	2.06	0.50	46.7	8.3	9	7.39	114.5
N829519		5.17	0.026	0.84	7.55	33.3	2820	1.76	1.60	1.95	0.31	48.8	6.9	10	8.00	174.0
N829520		<0.02	0.021	0.70	7.43	32.9	2730	1.77	1.81	1.90	0.28	47.0	7.1	10	7.39	167.0
N829521		4.22	0.040	3.05	7.38	40.7	1790	1.85	5.81	1.71	0.62	54.7	7.9	9	9.25	90.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140553

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829487		3.73	15.45	0.13	1.5	0.183	3.11	28.2	11.0	0.78	2800	13.95	0.04	7.2	3.0	570
N829488		0.51	0.42	0.21	<0.1	0.009	0.04	1.1	1.2	12.55	239	0.20	0.01	0.4	3.6	180
N829489		5.01	14.70	0.13	1.1	0.392	2.87	21.8	10.7	1.24	3920	9.27	0.03	5.5	2.2	470
N829490		4.24	14.75	0.15	1.1	0.234	3.05	28.8	14.5	0.90	1810	2.64	0.05	5.7	2.0	520
N829491		4.78	16.20	0.14	1.2	0.284	3.30	28.8	13.1	1.00	1570	2.19	0.04	5.5	2.4	570
N829492		7.95	13.15	0.21	1.0	4.70	2.23	16.4	32.9	0.62	2970	15.70	0.08	5.6	14.1	440
N829493		6.44	15.60	0.19	1.2	0.405	3.15	23.5	8.6	0.82	2390	2.94	0.04	5.4	3.5	580
N829494		5.26	15.30	0.17	1.2	0.965	2.97	20.1	9.4	0.63	2400	2.12	0.03	5.5	2.8	500
N829495		3.51	15.75	0.10	1.8	0.236	2.74	30.4	18.2	0.68	1280	4.11	0.33	7.2	2.5	530
N829496		4.13	16.85	0.13	1.5	0.307	3.41	26.4	18.4	0.79	1300	2.98	0.58	7.1	2.6	630
N829497		7.80	12.25	0.21	1.1	1.160	2.52	19.8	14.1	0.70	1040	4.21	0.04	4.9	2.4	390
N829498		0.53	0.63	0.08	<0.1	0.007	0.10	0.6	2.0	12.20	218	0.11	0.01	0.8	2.2	170
N829499		4.19	15.45	0.16	1.4	0.333	3.09	31.8	12.5	0.87	1720	2.79	0.04	6.2	2.4	490
N829500		3.81	15.40	0.17	1.6	0.228	3.53	24.4	11.1	0.84	1240	1.92	0.29	6.4	2.1	520
N829501		4.25	15.70	0.20	1.8	0.351	3.30	27.2	14.4	0.77	1180	1.97	1.16	6.6	2.6	540
N829502		5.42	16.05	0.20	1.7	0.646	3.40	30.9	8.5	0.82	1390	2.43	0.07	6.3	2.5	540
N829503		7.24	16.00	0.24	1.5	0.616	3.09	25.5	9.2	0.70	1040	2.41	0.49	6.2	2.8	540
N829504		5.42	15.50	0.21	1.4	1.005	2.89	23.4	26.3	0.71	2020	13.15	0.27	7.7	15.8	500
N829505		5.99	18.85	0.24	1.3	0.391	3.21	31.9	15.6	0.87	1360	5.35	0.34	7.7	3.4	660
N829506		4.17	17.30	0.20	1.5	0.298	2.90	29.2	20.2	0.80	1160	2.49	1.07	6.2	2.9	620
N829507		4.82	17.10	0.22	1.3	0.353	3.27	30.7	23.8	0.87	2570	4.28	0.05	6.4	3.2	610
N829508		3.85	17.75	0.21	1.5	0.190	2.81	27.6	19.3	0.77	1120	2.90	1.21	6.3	3.8	640
N829509		3.46	17.80	0.19	1.5	0.166	2.44	22.9	25.2	0.57	1140	6.02	0.67	7.2	3.4	630
N829510		8.23	15.10	0.24	1.3	0.466	3.00	24.3	9.9	0.76	845	6.03	0.05	5.7	3.9	520
N829511		4.68	17.50	0.21	1.5	0.749	3.30	29.5	11.9	0.97	1640	9.96	0.66	6.7	2.9	600
N829512		3.93	17.05	0.21	1.5	0.312	2.83	29.0	15.1	0.93	1100	4.29	1.62	7.5	3.0	640
N829513		4.57	16.75	0.20	1.4	0.428	3.35	29.5	11.6	0.88	1560	6.03	0.17	7.2	2.9	600
N829514		3.91	16.90	0.20	1.4	0.453	2.80	25.4	14.7	0.92	972	6.38	1.68	7.4	2.9	640
N829515		4.78	16.20	0.20	1.4	0.428	3.00	26.2	15.5	1.04	1020	14.45	0.97	5.3	3.6	590
N829516		5.75	16.90	0.23	1.3	0.766	2.89	28.2	13.0	0.86	1870	6.31	1.02	5.7	2.5	590
N829517		4.16	16.80	0.20	1.3	0.461	2.60	24.2	18.0	0.90	1220	4.68	0.89	6.1	4.2	590
N829518		3.56	16.00	0.19	1.3	0.359	2.51	25.2	20.0	0.82	856	3.17	1.96	7.0	4.0	600
N829519		3.65	17.50	0.20	1.3	0.480	2.59	24.8	19.1	0.77	883	1.92	1.91	7.6	3.5	610
N829520		3.69	16.85	0.19	1.3	0.421	2.52	25.0	18.4	0.75	871	1.90	1.86	6.7	3.5	600
N829521		3.91	17.20	0.20	1.4	0.484	2.56	29.4	13.7	0.73	1240	1.40	1.44	6.6	2.4	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140553

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829487		701	173.0	0.008	2.29	17.90	9.3	1	3.1	133.5	0.63	0.20	14.8	0.229	3.10	4.6
N829488		3.1	2.0	<0.002	0.01	0.13	0.5	<1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	0.02	0.8
N829489		1710	175.5	0.004	3.98	35.7	8.8	1	7.5	56.1	0.47	0.21	10.7	0.190	2.77	5.1
N829490		1685	182.5	0.003	2.17	12.75	9.8	1	3.4	94.1	0.50	0.41	12.3	0.191	2.78	3.6
N829491		793	178.0	0.003	2.14	13.25	10.7	2	4.6	92.3	0.44	0.65	12.0	0.202	2.81	3.6
N829492		9440	129.5	<0.002	7.08	215	7.4	3	8.2	125.0	0.40	0.39	7.8	0.180	2.08	4.9
N829493		1125	177.0	0.005	4.44	16.65	10.7	3	7.8	45.0	0.41	1.11	10.0	0.203	2.56	4.5
N829494		>10000	187.5	0.003	5.13	316	10.0	3	11.5	39.3	0.45	0.57	9.5	0.201	2.58	2.9
N829495		70.3	153.5	0.005	0.62	9.99	10.5	1	1.8	86.0	0.67	0.52	18.2	0.216	2.33	4.5
N829496		40.7	185.0	0.006	0.92	9.30	12.5	1	2.8	175.5	0.54	0.25	12.7	0.252	2.31	4.7
N829497		4230	158.5	0.003	8.35	59.4	7.6	3	10.2	32.5	0.42	0.90	9.7	0.167	2.17	4.0
N829498		7.7	9.0	<0.002	0.07	0.18	0.3	1	0.2	41.9	0.06	<0.05	<0.2	<0.005	0.06	0.5
N829499		425	209	0.002	2.87	16.15	9.4	1	4.2	68.0	0.53	0.21	13.2	0.194	2.94	5.2
N829500		86.4	173.0	<0.002	1.69	6.47	9.1	2	4.2	129.5	0.58	0.23	13.8	0.191	2.51	4.8
N829501		36.1	122.5	0.003	1.01	5.46	9.7	2	2.6	173.0	0.64	0.15	15.9	0.200	1.95	5.7
N829502		175.0	176.0	0.004	2.02	14.10	10.2	1	6.4	63.6	0.61	0.32	15.8	0.200	2.40	4.2
N829503		158.5	159.5	0.002	4.50	11.30	10.6	2	7.0	70.2	0.56	0.66	14.1	0.203	2.07	4.3
N829504		1355	158.5	0.002	3.22	35.1	8.8	2	6.1	158.5	0.61	0.28	11.6	0.213	2.53	5.2
N829505		86.5	185.0	0.005	3.07	9.50	13.0	2	7.1	98.7	0.49	0.66	12.4	0.253	2.01	4.5
N829506		40.3	144.0	<0.002	0.80	5.99	11.7	2	2.9	167.5	0.50	0.16	13.7	0.216	1.95	6.3
N829507		360	181.5	0.003	1.70	8.63	11.1	2	6.7	78.9	0.50	0.31	12.3	0.232	2.60	3.3
N829508		60.4	121.5	0.003	0.76	6.53	12.1	2	4.6	173.5	0.55	0.16	14.6	0.238	1.82	4.6
N829509		59.2	108.5	0.003	0.39	6.45	11.8	2	4.1	111.5	0.56	0.09	13.0	0.241	1.57	4.2
N829510		330	181.0	0.004	6.15	15.00	10.3	2	8.4	42.7	0.49	0.91	12.1	0.186	2.16	3.7
N829511		141.5	162.5	0.007	1.50	8.40	11.7	1	5.0	115.5	0.57	0.23	14.5	0.225	2.36	4.8
N829512		60.4	119.5	0.003	0.87	4.48	12.4	2	3.3	240	0.60	0.45	13.5	0.247	1.75	4.6
N829513		364	178.5	0.003	2.16	5.38	11.3	1	7.6	94.9	0.59	0.12	13.4	0.233	2.44	3.9
N829514		86.2	109.5	0.003	1.00	4.83	11.4	2	3.3	255	0.59	0.32	12.9	0.232	1.69	5.0
N829515		75.5	112.0	0.006	1.74	5.19	10.9	2	3.5	168.0	0.47	0.67	12.9	0.193	1.89	5.8
N829516		107.5	157.5	0.002	2.61	8.31	10.9	2	4.2	129.0	0.42	0.52	12.2	0.192	2.15	5.0
N829517		40.6	107.0	0.002	0.80	11.10	11.0	2	3.4	137.5	0.48	0.18	12.5	0.204	1.94	4.6
N829518		48.5	96.3	0.004	0.50	5.59	11.4	2	3.0	209	0.57	0.09	13.0	0.243	1.42	4.9
N829519		25.6	99.7	0.002	0.39	6.92	11.4	2	3.5	210	0.58	0.09	11.8	0.238	1.49	3.8
N829520		27.6	94.9	0.002	0.40	6.33	11.4	2	3.1	205	0.57	0.10	13.3	0.236	1.59	4.2
N829521		43.0	132.5	<0.002	1.10	5.96	11.3	2	4.1	144.5	0.54	0.78	14.1	0.214	1.94	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140553

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N829487		62	4.9	13.1	1190	45.9			
N829488		3	0.1	1.4	20	0.5			
N829489		58	5.3	9.7	2920	31.9			
N829490		60	4.0	13.1	337	30.5			
N829491		66	3.5	12.4	1380	34.1			
N829492		51	4.3	9.6	>10000	33.7	119		1.640
N829493		68	4.1	10.3	4520	34.0			
N829494		62	4.5	9.7	9060	36.3	261	5.19	
N829495		65	2.5	15.1	151	45.0			
N829496		75	2.8	16.0	169	39.2			
N829497		50	4.9	7.8	6100	29.4			
N829498		2	0.1	0.8	33	<0.5			
N829499		60	3.3	11.0	659	41.0			
N829500		61	2.5	12.2	208	44.0			
N829501		62	2.3	13.0	120	47.3			
N829502		64	3.2	10.5	446	43.7			
N829503		68	3.6	10.5	691	41.2			
N829504		59	5.4	12.2	3090	41.4			
N829505		86	2.9	14.8	375	46.5			
N829506		78	2.0	14.9	177	43.4			
N829507		77	3.5	13.6	1070	38.1			
N829508		80	2.7	14.1	201	40.5			
N829509		80	2.8	15.3	223	45.5			
N829510		69	3.5	9.6	120	39.3			
N829511		75	3.0	13.1	911	44.0			
N829512		79	2.1	16.2	154	43.3			
N829513		75	4.0	12.2	619	42.5			
N829514		76	2.3	15.1	360	42.8			
N829515		71	2.2	12.5	111	38.3			
N829516		69	2.8	12.5	284	39.5			
N829517		73	2.4	13.8	100	39.2			
N829518		73	1.7	15.9	92	36.9			
N829519		76	2.0	15.3	87	41.9			
N829520		75	2.0	14.1	85	36.1			
N829521		69	2.5	12.9	86	39.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140553

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140554

Project: Klaza-66

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

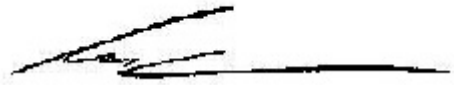
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140554

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829522		5.04	0.035	0.49	7.56	33.7	2140	1.68	5.07	2.23	0.33	53.7	7.0	12	9.37	140.5
N829523		5.08	0.499	9.47	6.93	1815	60	1.42	19.65	0.78	1.47	53.7	11.6	11	6.65	184.0
N829524		1.86	<0.005	0.02	0.08	<5	20	0.06	0.05	21.2	0.07	1.40	1.2	1	0.19	1.9
N829525		6.83	0.051	0.77	7.13	60.9	1850	1.49	3.39	1.97	0.78	50.6	10.7	11	9.72	94.3
N829526		8.86	0.031	0.53	7.51	40.4	2700	1.65	3.58	2.44	0.34	49.5	5.7	12	11.60	88.3
N829527		0.32	4.44	>100	5.32	8110	710	1.19	58.4	1.90	218	35.1	8.2	17	10.50	1210
N829528		8.20	0.091	1.49	7.14	143.5	680	1.68	2.89	1.58	2.86	53.3	16.3	11	9.49	32.6
N829529		7.71	0.137	1.05	6.99	91.6	1690	1.58	3.22	2.17	2.43	52.7	10.3	11	12.15	54.6
N829530		6.10	0.308	4.12	6.82	807	330	1.48	15.00	1.79	6.27	54.1	11.5	11	11.85	56.0
N829531		14.31	0.037	1.39	6.75	64.8	1620	1.57	4.15	1.97	0.78	47.8	12.1	11	10.70	84.1
N829532		12.81	0.166	5.98	6.74	799	890	1.48	4.78	2.23	19.25	44.0	13.1	11	12.35	110.5
N829533		6.56	0.234	1.54	7.10	151.0	190	1.44	5.14	1.49	1.37	52.2	12.9	12	9.67	175.5
N829534		2.05	<0.005	0.03	0.14	<5	20	0.07	0.04	20.2	0.10	1.96	1.3	2	0.51	2.1
N829535		12.18	0.073	1.59	6.95	104.5	830	1.48	4.89	2.09	0.84	48.4	7.9	11	7.01	411
N829536		2.76	0.018	0.55	7.59	88.5	2210	1.52	1.27	1.15	1.41	51.8	12.2	9	8.93	22.4
N829537		6.82	0.029	0.60	6.99	31.9	2750	1.66	3.91	2.06	0.34	47.0	9.8	10	5.97	72.3
N829538		6.81	0.018	0.52	6.80	27.1	2710	1.29	3.67	2.02	0.27	51.9	11.1	10	6.82	36.9
N829539		13.51	0.017	1.09	6.97	58.1	2310	1.40	3.36	2.28	0.46	50.5	15.1	10	8.49	83.7
N829540		11.26	0.109	2.25	7.01	251	1220	1.35	2.79	1.66	0.80	48.0	10.6	10	6.70	416
N829541		5.24	0.031	1.93	7.26	40.3	2770	1.27	1.35	1.96	0.44	51.8	9.1	9	10.70	273
N829542		4.12	0.023	1.71	7.15	35.3	2620	1.28	1.04	1.84	0.52	47.6	6.6	9	10.70	241
N829543		5.24	0.010	0.67	7.39	57.8	4480	1.40	1.40	1.66	0.40	54.4	8.5	9	14.10	69.4
N829544		7.47	0.010	0.50	7.01	44.4	2910	1.36	2.09	1.68	0.33	50.0	10.9	11	11.20	48.9
N829545		7.93	0.025	1.06	6.99	108.0	2520	1.30	11.20	1.99	0.30	46.9	8.2	11	7.43	92.1
N829546		12.80	0.033	1.01	6.79	41.3	2600	1.42	8.66	2.00	0.37	48.2	7.4	10	8.60	124.5
N829547		4.29	0.021	0.42	6.91	41.1	2230	1.31	1.63	1.80	0.09	49.1	12.7	11	11.30	58.5
N829548		6.75	0.016	1.06	7.31	51.1	2740	1.29	2.48	1.55	0.38	55.8	6.9	10	11.10	137.0
N829549		0.31	1.865	27.1	6.01	3560	520	1.16	18.45	2.22	78.9	49.1	10.6	19	16.60	434
N829550		8.01	0.071	1.11	7.01	58.0	2730	1.51	4.41	1.86	0.36	49.3	12.9	9	12.00	94.9
N829551		5.19	2.25	15.85	6.29	737	80	1.19	26.0	1.40	6.26	46.8	7.3	10	12.00	146.5
N829552		8.96	0.045	2.16	7.18	69.0	1790	1.55	4.86	2.15	1.89	55.3	7.1	10	15.75	90.4
N829553		8.76	0.038	1.10	7.23	51.7	2210	1.45	2.59	2.08	1.68	51.9	9.0	9	14.95	72.9
N829554		8.11	0.017	0.33	7.46	34.2	2700	1.31	1.69	1.31	0.10	53.6	9.2	10	14.30	77.3
N829555		<0.02	0.017	0.32	7.42	34.8	2700	1.28	1.65	1.30	0.12	55.3	9.3	10	14.50	83.4
N829556		10.81	0.029	1.28	7.53	48.4	2680	1.27	3.49	1.17	0.80	50.9	7.7	10	18.35	149.0
N829557		4.57	0.033	0.88	6.81	71.4	630	1.36	2.28	2.28	1.53	51.5	9.3	9	10.80	47.9
N829558		14.09	0.013	0.50	7.22	23.5	2530	1.31	1.71	1.99	0.25	47.6	4.8	11	11.90	99.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140554

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829522		3.27	17.80	0.09	1.2	0.357	2.55	27.2	14.2	0.91	724	5.67	1.42	6.9	3.4	620
N829523		7.00	18.25	0.16	1.0	0.331	3.22	27.8	5.6	0.56	931	5.45	0.07	5.7	3.0	550
N829524		0.47	0.27	<0.05	<0.1	0.005	0.03	0.7	1.1	12.65	204	0.11	0.01	0.3	1.9	180
N829525		3.44	16.90	0.06	1.0	0.610	2.97	26.4	10.7	0.91	863	22.6	0.73	6.0	2.6	610
N829526		3.33	17.35	0.07	1.1	0.320	2.65	24.1	13.4	0.96	747	4.23	1.48	6.0	3.0	640
N829527		7.85	12.70	0.09	1.0	4.40	2.19	18.4	35.0	0.61	2930	14.80	0.09	5.3	14.5	430
N829528		4.30	16.15	0.12	1.0	0.419	3.09	29.2	8.8	0.74	1020	3.60	0.34	7.2	3.3	590
N829529		3.31	15.55	0.11	1.1	0.384	3.00	29.2	9.3	0.90	1400	7.96	0.07	6.9	2.6	580
N829530		4.44	15.40	0.12	1.1	0.766	3.18	29.2	6.6	0.77	1520	7.02	0.05	7.1	2.9	530
N829531		3.50	15.80	0.12	1.3	0.433	2.71	25.4	9.8	0.72	909	5.98	0.93	7.5	3.3	550
N829532		3.81	14.45	0.11	1.1	0.931	2.45	23.3	8.0	0.82	781	5.72	1.00	7.0	2.9	570
N829533		5.45	16.15	0.14	1.1	0.269	2.64	28.1	15.0	0.78	761	4.98	0.51	6.9	2.9	570
N829534		0.47	0.42	<0.05	<0.1	0.009	0.05	1.0	1.1	12.00	202	0.15	0.02	0.5	3.6	190
N829535		3.38	16.10	0.10	1.2	0.330	2.36	25.3	11.0	0.89	594	5.57	1.71	7.4	2.9	610
N829536		3.60	17.55	0.11	1.5	0.165	2.39	27.5	24.5	0.54	1110	7.33	0.41	7.8	3.7	630
N829537		2.77	15.60	0.10	1.3	0.197	2.51	25.2	14.4	0.78	620	2.24	2.15	6.9	2.0	550
N829538		2.94	14.35	0.11	1.1	0.217	2.67	28.6	10.0	0.78	598	3.09	1.87	7.2	2.3	530
N829539		3.08	14.95	0.11	1.2	0.168	2.91	27.1	11.5	0.84	539	4.16	1.72	8.1	2.8	570
N829540		3.93	15.40	0.12	1.0	0.255	2.86	25.7	17.2	0.88	623	2.96	1.06	7.9	2.9	580
N829541		3.09	15.80	0.11	1.1	0.322	2.64	28.1	17.8	0.85	521	3.10	1.73	8.7	3.4	580
N829542		2.96	15.50	0.11	1.0	0.299	2.63	25.3	18.7	0.86	545	3.89	1.56	8.4	2.4	570
N829543		2.94	17.20	0.12	1.2	0.203	2.79	29.3	23.7	0.61	697	8.82	0.41	8.7	2.4	580
N829544		2.98	15.15	0.13	1.3	0.157	2.68	26.5	13.2	0.64	591	3.33	1.79	8.6	2.5	570
N829545		3.37	14.50	0.10	1.1	0.288	2.65	25.2	15.1	0.75	570	2.62	1.86	8.2	2.8	560
N829546		3.13	15.30	0.12	0.9	0.351	2.30	25.6	14.5	0.80	557	1.44	1.82	7.8	2.5	560
N829547		3.32	16.05	0.12	0.9	0.248	2.50	26.5	18.0	0.82	588	1.61	0.89	7.4	3.5	570
N829548		3.63	15.70	0.12	1.0	0.337	2.30	30.6	17.3	0.78	704	1.02	1.63	7.9	2.7	590
N829549		6.81	13.95	0.15	1.0	1.850	2.59	27.5	21.9	0.91	1880	14.15	0.04	6.8	16.0	440
N829550		3.20	15.45	0.11	1.0	0.343	2.95	25.9	11.8	0.78	745	6.17	0.99	7.4	2.5	560
N829551		8.13	15.30	0.17	0.9	0.620	2.86	24.7	8.1	0.71	1120	6.26	0.05	6.2	2.6	470
N829552		3.71	15.60	0.13	1.0	0.443	3.12	29.9	9.5	0.92	1680	2.18	0.26	7.8	2.6	590
N829553		2.89	15.85	0.12	1.0	0.350	2.79	28.0	11.2	0.88	1460	2.93	0.86	8.1	2.6	570
N829554		2.90	15.85	0.12	1.0	0.380	2.59	29.7	50.9	0.79	398	1.80	1.54	8.1	2.9	580
N829555		2.88	16.00	0.12	1.0	0.381	2.59	30.4	51.2	0.79	396	1.93	1.55	8.3	3.1	580
N829556		3.12	16.60	0.12	0.9	0.445	2.82	27.4	55.2	0.65	373	3.18	0.70	8.4	3.5	620
N829557		4.01	14.90	0.13	0.9	0.315	3.03	27.6	12.5	0.85	1110	1.24	0.22	6.9	2.6	530
N829558		2.94	15.55	0.11	1.0	0.365	2.84	25.3	17.6	0.75	626	2.04	1.12	8.3	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140554

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829522		19.5	122.0	0.005	0.58	4.56	11.5	1	4.3	175.5	0.53	0.15	12.8	0.227	1.76	4.6
N829523		111.5	159.0	0.007	6.30	10.85	10.2	3	9.9	31.2	0.42	2.10	11.5	0.200	2.19	4.0
N829524		1.7	1.4	<0.002	0.03	0.06	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829525		30.4	141.5	0.009	1.08	5.01	10.5	1	4.9	148.5	0.47	0.41	11.4	0.213	2.08	4.0
N829526		26.9	95.2	0.002	0.70	4.33	11.4	1	3.2	235	0.52	0.41	14.1	0.240	1.89	4.6
N829527		9340	125.0	<0.002	7.06	211	7.1	3	8.4	122.5	0.41	0.46	8.6	0.175	2.06	5.2
N829528		71.0	186.0	0.002	2.18	5.04	11.6	1	6.6	86.9	0.55	0.43	13.4	0.212	2.44	4.7
N829529		64.7	146.5	0.002	1.08	6.97	10.6	1	5.2	83.3	0.54	0.47	13.5	0.199	2.38	4.7
N829530		316	198.5	0.003	2.94	11.10	10.3	1	6.1	60.5	0.58	7.20	13.8	0.205	2.73	5.0
N829531		46.2	129.5	0.002	1.42	12.10	10.2	1	3.9	171.5	0.64	0.70	12.4	0.212	2.06	4.4
N829532		269	119.5	0.002	1.96	78.4	10.2	1	5.8	146.5	0.56	0.89	11.1	0.207	1.81	4.3
N829533		48.7	144.5	<0.002	3.37	34.1	11.0	2	8.3	97.7	0.55	1.19	13.3	0.204	1.83	4.7
N829534		2.1	3.7	<0.002	0.02	0.31	0.4	1	<0.2	43.9	<0.05	<0.05	0.2	0.007	0.02	0.6
N829535		36.2	94.9	<0.002	1.73	8.61	10.8	2	4.9	243	0.62	1.14	12.9	0.220	1.37	4.6
N829536		55.4	115.5	0.005	0.45	6.86	11.7	1	3.9	86.1	0.67	0.10	13.5	0.246	1.67	5.3
N829537		21.8	75.5	<0.002	0.93	3.51	9.3	1	3.6	283	0.59	1.87	12.7	0.205	1.06	4.4
N829538		25.4	86.8	<0.002	1.03	3.11	9.3	1	3.3	260	0.58	1.66	14.1	0.203	1.24	4.1
N829539		26.8	98.7	<0.002	1.17	5.91	10.1	1	3.7	232	0.75	1.54	13.0	0.216	1.42	7.3
N829540		37.8	115.5	0.002	1.61	12.25	10.0	1	5.8	163.0	0.66	0.39	11.5	0.227	2.16	5.0
N829541		29.5	93.2	<0.002	0.79	5.11	10.0	1	3.6	242	0.71	0.24	13.6	0.239	1.44	4.0
N829542		27.6	89.6	<0.002	0.57	4.91	9.4	1	3.4	223	0.70	0.14	12.1	0.236	1.42	4.5
N829543		29.2	96.4	<0.002	0.65	13.80	10.1	1	3.2	123.0	0.71	0.18	13.3	0.249	1.66	6.7
N829544		23.2	90.3	<0.002	0.93	4.97	9.5	1	3.3	221	0.82	0.77	13.4	0.228	1.34	5.1
N829545		27.7	84.3	<0.002	1.15	4.64	9.0	1	3.2	275	0.72	2.27	11.4	0.225	1.38	5.0
N829546		23.8	85.8	<0.002	0.96	5.14	9.5	1	3.0	285	0.64	0.73	11.9	0.216	1.37	4.5
N829547		11.5	111.5	<0.002	1.09	4.35	9.7	1	4.9	133.5	0.63	0.50	13.6	0.211	1.68	4.8
N829548		24.3	100.0	<0.002	0.79	5.16	9.7	1	3.2	179.0	0.67	0.27	14.2	0.224	1.50	4.0
N829549		2780	163.5	0.002	4.79	90.7	8.0	1	8.2	90.1	0.54	0.36	11.1	0.177	2.47	5.7
N829550		41.3	142.0	0.002	1.08	6.24	9.7	1	4.3	174.5	0.66	0.57	12.2	0.209	2.19	4.8
N829551		709	186.5	<0.002	7.73	26.0	8.5	1	11.7	46.6	0.59	0.97	12.2	0.165	2.49	4.7
N829552		88.7	158.0	<0.002	1.38	8.83	10.3	1	4.2	94.0	0.67	0.81	13.4	0.212	2.77	4.3
N829553		130.0	128.0	<0.002	1.11	5.53	9.7	1	3.0	153.5	0.73	0.70	14.0	0.226	2.30	4.5
N829554		17.7	114.5	<0.002	0.82	3.51	10.0	1	2.8	228	0.71	0.27	14.3	0.231	1.63	4.4
N829555		16.9	116.0	<0.002	0.81	3.50	10.0	1	2.9	228	0.74	0.25	14.7	0.233	1.63	4.4
N829556		43.1	136.5	<0.002	0.87	21.1	10.2	1	3.4	167.5	0.68	0.90	12.1	0.245	1.97	4.6
N829557		45.2	167.5	<0.002	2.14	6.11	8.9	1	4.6	124.0	0.60	0.72	11.7	0.199	2.49	3.5
N829558		20.8	127.0	<0.002	0.65	6.27	9.7	1	3.1	223	0.76	0.34	13.5	0.228	1.89	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140554

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829522		76	1.8	12.6	71	38.8		
N829523		68	5.4	8.4	128	33.3		
N829524		2	0.1	0.7	19	<0.5		
N829525		72	2.3	11.2	98	30.1		
N829526		80	1.6	12.4	76	30.9		
N829527		52	4.3	8.8	>10000	32.5	122	1.665
N829528		70	3.2	12.0	237	30.6		
N829529		68	2.4	12.5	230	31.7		
N829530		65	3.3	11.4	430	32.7		
N829531		69	2.2	13.4	89	36.6		
N829532		70	2.1	12.6	910	31.4		
N829533		73	3.5	12.4	117	31.8		
N829534		3	0.2	1.0	19	0.8		
N829535		71	2.0	14.1	90	33.5		
N829536		82	3.2	15.6	243	42.1		
N829537		66	1.8	13.7	68	34.9		
N829538		65	1.7	14.6	66	31.1		
N829539		69	2.7	17.0	66	32.0		
N829540		68	3.5	13.0	96	26.2		
N829541		69	2.8	15.9	54	30.4		
N829542		69	2.9	14.8	57	27.7		
N829543		79	2.7	15.6	62	31.8		
N829544		69	3.5	15.8	58	32.7		
N829545		67	2.0	14.7	64	30.2		
N829546		67	1.8	15.0	64	25.1		
N829547		71	2.9	13.6	46	24.6		
N829548		71	2.0	15.0	75	25.8		
N829549		58	5.8	10.6	5450	27.2		
N829550		69	2.5	12.9	68	25.1		
N829551		57	4.2	10.4	480	22.0		
N829552		68	2.8	13.2	186	25.3		
N829553		68	3.0	14.3	162	26.0		
N829554		71	3.9	15.9	51	25.0		
N829555		70	4.1	16.4	50	26.0		
N829556		73	9.9	14.8	106	24.2		
N829557		62	3.3	12.5	148	22.1		
N829558		69	2.5	14.5	58	25.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140554

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140555

Project: Klaza-66

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

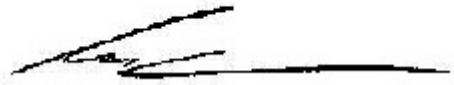
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140555

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829451		2.82	0.158	1.78	7.90	281	870	2.17	1.33	0.44	32.8	50.7	7.2	10	20.1	54.4
N829452		6.88	0.453	3.32	6.94	333	1060	1.80	1.84	0.12	18.90	51.5	2.9	10	19.00	101.0
N829453		11.42	0.077	0.75	7.88	87.9	1910	1.93	0.89	0.44	61.7	51.7	9.3	10	11.65	70.3
N829454		11.69	0.131	0.99	7.46	72.0	1540	1.76	1.96	0.92	11.35	51.1	6.8	10	11.00	44.5
N829455		0.31	2.04	24.3	5.90	3330	200	1.69	18.15	2.15	82.0	43.3	11.3	19	15.15	428
N829456		5.23	1.050	6.06	6.49	309	910	1.55	4.14	0.97	28.0	43.0	5.5	9	22.7	66.2
N829457		2.05	<0.005	0.03	0.09	<5	50	0.08	0.04	21.6	0.27	1.53	1.5	2	0.22	5.5
N829458		5.71	0.016	0.36	7.55	24.7	2010	1.37	0.48	4.35	1.78	40.3	8.2	10	15.20	33.0
N829459		11.32	0.037	0.63	8.18	35.8	2210	1.43	1.25	2.52	0.91	50.3	9.2	13	12.20	54.0
N829460		4.10	0.063	11.10	7.33	70.0	1200	1.30	38.5	5.07	1.46	62.4	5.8	8	13.30	49.0
N829461		9.33	0.026	0.28	7.86	19.7	2330	1.41	1.04	2.95	0.31	45.5	9.2	11	15.40	21.9
N829462		9.33	0.058	0.40	8.10	37.7	2330	1.33	1.92	2.12	0.30	57.3	11.8	11	11.05	53.9
N829463		3.77	0.118	2.77	7.25	107.5	990	1.51	6.67	2.55	1.01	45.6	11.6	10	15.95	49.2
N829464		10.30	0.018	0.23	7.82	18.1	2330	1.42	0.66	2.45	0.24	52.4	7.4	11	10.50	19.3
N829465		2.13	<0.005	0.01	0.11	<5	30	0.08	0.02	21.0	0.07	1.62	1.5	1	0.23	1.9
N829466		7.69	0.009	0.40	8.19	30.6	2760	1.42	0.67	2.32	0.21	68.4	7.9	11	12.60	40.0
N829467		3.75	0.011	0.51	8.13	26.5	3030	1.30	1.46	1.86	0.37	47.0	7.3	10	13.50	73.0
N829468		7.40	0.014	0.31	8.10	23.0	2520	1.27	0.77	1.13	1.11	51.2	7.0	9	11.50	19.8
N829469		3.01	0.009	0.29	8.45	17.5	2240	1.34	0.60	0.93	0.68	44.0	6.3	10	11.20	22.7
N829470		8.21	0.012	0.33	8.21	23.4	2840	1.44	0.90	2.19	0.36	54.5	9.8	11	11.40	34.8
N829471		9.64	0.024	0.30	7.88	20.6	2360	1.43	1.08	2.21	0.19	43.6	6.5	11	9.21	51.1
N829472		0.31	2.12	26.0	6.36	3740	390	1.30	21.1	2.28	83.5	50.2	10.7	20	15.55	463
N829473		9.17	0.019	0.42	7.40	15.7	1960	1.43	1.74	2.69	1.03	42.0	6.7	12	10.15	33.5
N829474		4.82	0.097	0.85	7.62	46.3	2650	1.24	5.32	2.62	1.05	79.7	14.0	9	13.05	86.6
N829475		5.72	0.092	0.66	7.61	73.1	2790	1.38	2.16	2.62	2.32	185.5	11.7	11	14.95	168.0
N829476		4.08	0.027	0.30	7.77	28.0	2250	1.30	0.97	2.98	0.75	43.9	9.3	9	18.70	32.4
N829477		4.67	0.091	1.13	7.35	70.1	630	1.38	3.57	2.46	1.72	66.0	72.6	9	11.15	42.3
N829478		7.61	0.029	0.34	7.71	43.8	2200	1.60	2.25	1.81	1.91	24.3	15.7	11	11.90	49.6
N829479		8.30	0.042	0.96	7.40	53.8	2130	1.16	2.00	1.08	2.57	19.30	20.1	12	8.34	44.6
N829480		4.60	0.845	16.20	7.04	186.0	190	1.14	4.83	0.90	33.7	24.9	3.8	13	7.24	147.5
N829481		4.87	0.017	0.61	7.43	30.2	1940	1.24	1.50	1.30	1.74	17.40	3.8	11	8.04	11.6
N829482		4.02	0.019	0.44	7.92	16.5	2490	1.40	1.41	2.06	0.55	14.35	4.1	10	6.58	7.5
N829483		<0.02	0.019	0.44	7.88	15.6	2790	1.38	1.40	2.17	0.56	11.50	3.9	12	6.35	9.4
N829484		4.12	0.016	0.36	6.60	22.0	2110	1.32	1.95	2.55	0.54	6.81	21.3	11	9.31	14.6
N829485		5.31	0.506	10.50	7.31	587	280	1.41	6.30	1.91	61.4	15.75	5.2	12	8.85	299
N829486		10.55	0.036	0.46	7.14	58.9	1540	1.82	0.18	3.33	0.29	55.4	6.8	16	17.20	16.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140555

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829451		3.07	18.60	0.16	1.2	0.193	3.03	25.8	24.0	0.26	2690	6.53	0.05	7.5	3.7	550
N829452		5.66	16.45	0.20	1.1	1.850	2.91	27.1	19.8	0.25	819	2.40	0.04	6.2	2.6	580
N829453		3.61	19.40	0.22	1.2	0.403	3.04	25.6	36.5	0.26	1540	2.52	0.11	7.9	3.5	600
N829454		3.55	17.90	0.20	1.1	0.335	2.55	25.2	29.7	0.35	926	2.10	0.52	7.8	3.0	530
N829455		6.58	15.75	0.25	0.9	1.800	2.55	23.1	29.0	0.88	1840	13.75	0.04	6.1	17.2	430
N829456		4.92	15.85	0.18	0.9	0.285	2.61	23.6	26.0	0.50	1020	5.39	0.05	6.6	2.9	430
N829457		0.50	0.33	0.06	<0.1	0.008	0.03	0.7	1.0	12.85	226	0.18	<0.01	0.3	2.7	160
N829458		3.11	17.15	0.12	1.4	0.071	2.79	16.9	36.7	0.51	1040	2.10	0.16	8.5	3.1	630
N829459		3.39	17.15	0.14	1.4	0.119	3.08	22.6	22.0	0.78	946	2.33	1.17	8.5	3.2	650
N829460		4.17	15.15	0.14	1.1	0.236	2.54	32.2	19.2	1.41	3740	2.13	0.74	7.2	2.4	480
N829461		3.46	16.90	0.14	1.3	0.106	2.91	20.0	16.7	0.71	909	1.71	1.40	8.5	2.9	660
N829462		3.54	17.10	0.17	1.3	0.136	3.15	26.2	20.1	0.66	700	2.76	0.98	8.7	3.3	680
N829463		3.72	16.05	0.16	1.2	0.292	3.27	20.0	22.5	0.65	1260	2.73	0.32	7.8	3.0	610
N829464		3.23	16.30	0.17	1.3	0.094	2.85	24.1	15.4	0.76	692	2.49	1.71	8.6	3.1	640
N829465		0.42	0.40	0.08	<0.1	0.005	0.05	0.7	1.3	12.50	191	0.10	0.01	0.4	2.7	240
N829466		3.19	17.95	0.17	1.3	0.087	3.13	31.9	14.9	0.85	637	1.83	1.95	8.6	3.4	670
N829467		2.84	17.55	0.16	1.2	0.126	3.50	20.5	18.8	0.57	693	1.84	0.93	8.6	3.3	680
N829468		3.07	17.50	0.16	1.4	0.112	3.02	22.8	40.5	0.35	729	1.52	0.11	8.7	2.5	660
N829469		2.99	17.60	0.17	1.5	0.091	3.00	19.3	44.2	0.31	702	1.47	0.09	9.1	2.4	690
N829470		3.36	17.20	0.20	1.3	0.117	3.45	24.3	18.0	0.74	659	1.23	1.37	8.7	3.1	680
N829471		3.27	16.20	0.17	1.2	0.090	3.06	19.9	12.2	0.86	622	9.72	2.05	8.3	2.8	630
N829472		7.05	14.60	0.18	0.9	1.860	2.79	24.2	23.3	0.94	2020	13.55	0.04	6.4	14.7	480
N829473		2.85	16.20	0.14	1.2	0.140	2.45	17.8	10.6	0.77	728	3.18	2.21	8.3	2.7	600
N829474		3.43	17.30	0.20	1.1	0.246	2.13	34.5	20.1	0.92	959	1.26	0.98	7.7	2.6	570
N829475		3.30	18.20	0.32	1.1	0.229	2.78	81.8	25.7	0.83	905	4.10	0.10	7.4	3.4	930
N829476		2.90	17.00	0.16	1.2	0.103	2.72	18.0	33.2	0.73	778	1.28	0.19	8.6	2.7	690
N829477		3.99	18.20	0.19	1.1	0.176	3.55	28.2	15.8	0.94	910	1.36	0.08	7.1	3.1	750
N829478		3.09	17.95	0.16	1.4	0.261	3.83	10.4	10.7	0.75	781	3.34	0.09	6.7	2.6	620
N829479		2.18	14.95	0.13	1.1	0.162	3.51	8.6	5.9	0.54	428	2.86	0.07	6.6	2.0	540
N829480		4.47	14.85	0.16	1.2	0.327	3.40	11.1	6.0	0.48	785	2.68	0.05	5.8	1.6	470
N829481		1.71	14.55	0.12	1.1	0.276	3.58	7.4	5.7	0.43	442	2.31	0.07	6.7	1.8	610
N829482		1.99	15.45	0.12	1.2	0.266	3.79	5.6	5.1	0.46	389	4.14	0.12	7.8	1.4	660
N829483		2.01	14.95	0.14	1.2	0.257	3.89	4.4	5.0	0.44	404	4.42	0.12	7.8	1.5	690
N829484		1.45	13.25	0.13	1.2	0.238	3.87	2.5	4.5	0.33	411	2.94	0.06	7.1	2.8	620
N829485		3.98	16.00	0.15	1.4	1.610	3.32	6.8	14.5	0.66	971	5.70	0.09	6.5	3.0	660
N829486		2.43	17.80	0.15	3.3	0.041	3.05	24.6	35.2	1.06	971	1.51	0.07	10.6	5.6	1000

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140555

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829451		472	202	<0.002	0.15	22.1	11.7	1	3.3	32.1	0.63	0.32	14.3	0.241	2.91	3.2
N829452		839	179.0	0.002	0.26	18.55	11.2	1	4.6	50.4	0.58	0.26	18.6	0.225	3.68	5.1
N829453		137.0	159.5	<0.002	0.35	14.95	13.3	2	3.0	62.2	0.58	0.17	15.0	0.254	1.95	2.9
N829454		108.5	148.0	<0.002	0.78	11.30	12.4	2	4.6	88.3	0.57	0.39	16.4	0.240	1.62	2.1
N829455		2740	163.5	<0.002	4.78	90.5	8.4	2	7.9	98.2	0.42	0.35	10.1	0.177	2.22	5.4
N829456		897	168.0	<0.002	1.51	27.0	9.4	2	4.7	67.2	0.49	1.25	10.8	0.215	2.43	2.8
N829457		4.6	1.9	<0.002	0.01	0.14	0.3	1	<0.2	44.7	<0.05	<0.05	0.2	<0.005	0.02	0.5
N829458		32.8	96.2	<0.002	0.10	11.70	9.7	1	4.0	155.0	0.71	0.07	12.3	0.258	1.46	3.0
N829459		50.0	119.5	0.002	0.40	6.50	10.1	1	4.6	232	0.69	0.19	14.0	0.259	1.52	3.0
N829460		141.0	133.5	0.003	1.23	12.80	9.2	1	3.0	175.0	0.57	0.29	14.7	0.220	1.70	3.3
N829461		24.3	111.0	<0.002	0.49	6.48	10.0	1	2.4	274	0.67	0.16	12.4	0.262	1.47	3.2
N829462		27.3	142.5	0.003	0.75	7.09	11.0	1	3.5	214	0.67	0.51	14.5	0.261	1.75	3.3
N829463		138.0	143.0	<0.002	1.63	15.50	9.1	1	5.2	142.0	0.64	0.60	12.3	0.231	2.23	3.3
N829464		22.2	111.0	<0.002	0.32	4.80	10.0	1	2.2	312	0.67	0.08	14.3	0.253	1.31	3.2
N829465		1.5	2.1	<0.002	0.02	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829466		19.1	126.5	0.002	0.20	5.85	10.5	1	1.9	345	0.65	0.09	14.1	0.260	1.51	3.3
N829467		18.0	130.0	<0.002	0.28	8.42	10.6	1	2.1	189.0	0.66	0.09	12.4	0.263	1.94	3.1
N829468		97.6	121.0	<0.002	0.34	16.25	10.3	1	2.5	85.0	0.71	0.14	15.0	0.256	1.49	3.9
N829469		35.8	113.5	<0.002	0.26	15.35	10.4	1	2.2	74.6	0.73	0.08	14.3	0.271	1.36	4.0
N829470		30.8	118.5	<0.002	0.32	6.31	9.8	1	2.0	269	0.70	0.08	13.7	0.260	1.59	3.5
N829471		18.4	107.5	0.003	0.38	3.12	9.4	1	2.2	345	0.65	0.20	13.4	0.249	1.27	3.3
N829472		2760	173.0	0.002	4.90	92.9	7.7	2	8.8	94.8	0.49	0.40	12.2	0.180	2.45	5.9
N829473		64.8	83.5	0.003	0.28	3.81	9.9	1	3.1	352	0.66	0.11	12.4	0.245	1.03	3.5
N829474		50.2	90.3	0.003	0.94	21.8	11.5	2	5.1	180.0	0.60	0.81	14.5	0.242	1.41	4.2
N829475		65.8	105.5	0.002	0.62	20.7	11.3	2	4.6	137.5	0.56	0.60	14.8	0.230	1.70	4.8
N829476		16.0	78.0	<0.002	0.44	7.98	9.8	1	2.8	162.0	0.67	0.26	11.4	0.259	1.42	3.1
N829477		59.3	163.0	0.002	1.95	6.79	10.3	2	6.3	152.0	0.56	1.30	13.7	0.218	2.50	5.2
N829478		24.4	182.5	0.003	0.48	7.62	10.4	1	3.1	102.0	0.59	0.38	14.6	0.212	2.66	4.6
N829479		71.1	200	0.002	0.85	72.6	9.7	1	4.3	47.4	0.51	0.33	14.3	0.200	2.27	2.6
N829480		>10000	173.0	0.002	3.51	73.3	8.8	2	5.9	32.5	0.46	0.36	14.1	0.174	1.97	3.0
N829481		30.6	194.5	0.002	0.72	60.0	10.0	1	4.3	46.0	0.55	0.13	14.2	0.208	2.52	2.5
N829482		29.2	183.0	0.003	0.90	10.95	10.5	1	5.5	68.1	0.59	0.23	14.7	0.230	3.05	2.7
N829483		36.9	167.0	0.003	0.91	9.64	9.5	1	5.7	68.5	0.60	0.22	12.8	0.238	3.15	2.4
N829484		26.3	189.5	0.002	0.55	20.1	6.7	1	3.4	83.3	0.56	0.13	9.6	0.218	3.27	2.6
N829485		1290	194.0	0.002	2.96	33.4	9.6	1	7.7	75.1	0.48	0.19	12.0	0.191	2.81	3.0
N829486		25.6	130.0	<0.002	0.36	6.94	6.2	1	1.8	314	0.73	<0.05	9.2	0.264	3.21	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12140555

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N829451		68	5.1	17.4	1660	33.2	
N829452		70	6.4	7.8	1570	24.3	
N829453		70	5.9	19.3	1540	34.9	
N829454		65	5.0	17.1	626	33.2	
N829455		55	4.7	10.8	5270	28.3	
N829456		64	4.5	11.0	1760	27.7	
N829457		2	0.2	0.8	26	0.5	
N829458		72	4.8	16.2	345	40.3	
N829459		73	4.3	14.8	127	38.7	
N829460		59	3.6	17.6	197	30.6	
N829461		76	3.2	15.3	72	35.1	
N829462		77	3.8	16.0	90	36.9	
N829463		66	3.6	13.7	176	35.3	
N829464		72	2.9	16.3	74	37.2	
N829465		2	0.1	0.9	17	<0.5	
N829466		75	2.3	17.5	85	35.8	
N829467		75	2.2	13.8	148	34.2	
N829468		73	6.8	15.0	271	40.5	
N829469		75	8.2	14.0	214	42.3	
N829470		72	2.8	15.6	196	37.6	
N829471		70	2.3	13.2	60	35.3	
N829472		59	5.5	10.4	5340	26.7	
N829473		71	2.5	14.6	109	34.0	
N829474		75	2.9	16.2	162	29.9	
N829475		78	4.5	18.5	563	30.5	
N829476		77	2.2	14.3	283	33.0	
N829477		77	4.6	15.5	263	30.9	
N829478		83	2.6	12.4	633	38.0	
N829479		69	8.0	8.6	250	33.5	
N829480		62	9.4	6.8	1950	33.9	1.075
N829481		66	6.9	8.6	176	32.7	
N829482		74	5.6	9.6	73	36.3	
N829483		76	5.5	8.5	77	36.7	
N829484		58	6.5	6.1	96	33.4	
N829485		65	5.2	7.9	4480	44.3	
N829486		59	3.1	12.0	88	130.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 9-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140555

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140556

Project: Klaza-67

P.O. No.: Batch 6

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

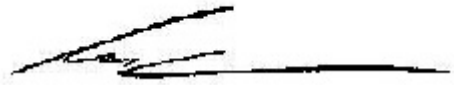
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140556

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828410		2.59	<0.005	0.01	0.06	<5	10	0.07	0.31	20.5	0.06	0.96	1.0	1	0.15	1.9
N828411		14.32	0.017	0.97	7.40	24.2	1030	2.02	1.41	2.98	5.79	65.3	6.1	9	9.56	8.0
N828412		0.30	0.726	9.27	6.43	1530	1200	1.35	6.15	1.79	40.9	48.2	16.1	21	17.40	105.0
N828413		11.78	0.008	0.56	7.32	14.3	740	1.59	0.85	2.54	1.37	69.2	4.2	9	14.10	11.7
N828414		13.17	0.006	0.19	6.59	11.8	2620	1.74	0.37	3.34	0.73	49.8	6.6	11	19.45	16.2
N828415		<0.02	0.006	0.17	6.99	11.4	3020	1.65	0.32	3.55	0.54	51.1	6.7	11	19.35	5.2
N828416		12.09	0.006	0.12	7.61	9.3	1310	1.54	0.40	2.31	0.20	45.8	4.2	10	11.10	4.7
N828417		9.22	<0.005	0.13	7.25	6.7	1710	1.55	0.28	2.53	0.37	48.8	7.1	11	9.29	6.4
N828418		0.30	0.803	9.80	6.59	1530	1110	1.41	6.21	1.86	41.3	46.0	17.3	20	16.40	104.5
N828419		3.45	<0.005	0.13	7.80	8.4	1930	1.47	0.26	2.09	0.17	52.9	6.5	10	11.30	8.3
N828420		2.36	<0.005	0.12	7.47	8.5	1890	1.46	0.25	2.02	0.17	50.8	5.6	9	10.80	11.7
N828421		3.36	0.060	6.58	7.50	153.5	1170	1.32	3.47	1.60	2.15	58.2	6.4	10	11.50	790
N828422		3.26	<0.005	0.04	0.08	<5	20	<0.05	0.02	20.3	0.05	1.44	1.3	1	0.30	2.2
N828423		8.60	0.009	0.41	7.46	26.9	1340	2.10	0.63	2.52	1.12	51.4	7.7	10	11.65	12.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140556

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828410		0.44	0.23	0.11	<0.1	<0.005	0.02	0.5	0.7	12.30	202	0.08	<0.01	0.2	3.1	170
N828411		2.54	20.0	0.36	0.7	0.423	3.05	22.8	47.6	0.99	1480	0.49	0.24	7.2	1.2	680
N828412		4.97	14.50	0.16	1.2	0.863	2.75	23.9	23.3	0.66	1880	12.55	0.25	7.3	14.5	470
N828413		2.06	18.20	0.17	1.5	0.268	2.46	24.7	35.1	0.76	798	0.32	0.19	7.9	2.3	720
N828414		2.56	17.30	0.15	3.0	0.058	2.57	22.8	50.9	1.02	724	0.89	0.05	9.4	4.1	720
N828415		2.68	17.40	0.15	2.9	0.051	2.68	23.5	50.3	1.10	764	0.86	0.06	9.4	4.1	740
N828416		3.22	17.35	0.17	0.9	0.106	2.21	19.6	27.9	0.59	542	0.58	1.25	7.9	2.7	600
N828417		3.12	17.00	0.18	0.9	0.083	2.24	23.5	15.8	0.74	565	0.96	2.74	8.0	2.7	580
N828418		5.19	14.75	0.17	1.2	0.863	2.74	23.4	23.4	0.69	1940	13.25	0.26	7.4	15.2	490
N828419		3.49	17.25	0.16	1.0	0.055	2.60	26.9	20.9	0.56	427	14.50	2.11	8.5	2.9	610
N828420		3.31	16.65	0.17	0.9	0.051	2.62	25.2	19.9	0.54	434	18.25	1.96	7.7	2.8	590
N828421		4.59	16.05	0.18	0.9	0.376	2.55	32.0	23.1	0.62	1910	14.35	0.37	7.0	3.7	560
N828422		0.46	0.34	0.11	<0.1	<0.005	0.03	0.7	1.0	12.35	206	0.21	0.01	0.3	3.0	150
N828423		2.79	19.15	0.34	1.0	0.128	2.19	26.1	27.2	0.61	680	2.22	1.07	9.3	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140556

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828410		1.4	1.2	<0.002	0.01	0.05	0.3	1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N828411		148.5	184.5	<0.002	0.52	6.50	13.8	2	3.6	140.5	0.52	0.22	13.5	0.177	2.93	4.5
N828412		1275	152.0	<0.002	2.95	35.5	8.4	1	6.0	149.0	0.58	0.32	10.8	0.199	2.32	4.9
N828413		42.4	117.5	<0.002	0.20	15.85	9.9	1	2.9	126.5	0.63	0.11	11.2	0.226	1.93	3.5
N828414		23.8	96.7	<0.002	0.19	13.75	7.2	1	3.0	233	0.70	0.07	7.9	0.258	1.92	4.6
N828415		21.0	103.0	<0.002	0.20	13.65	7.3	1	1.7	242	0.68	0.07	7.8	0.272	1.91	4.5
N828416		17.0	85.1	<0.002	0.12	8.40	10.7	1	2.8	241	0.61	0.07	10.3	0.252	1.34	3.2
N828417		19.4	82.0	<0.002	0.10	3.10	10.4	1	3.3	353	0.61	<0.05	10.5	0.240	0.97	3.4
N828418		1330	157.0	0.002	3.02	34.2	8.5	1	5.9	150.5	0.57	0.31	10.5	0.200	2.33	4.8
N828419		16.7	93.5	0.003	0.10	5.79	10.7	1	4.3	334	0.67	<0.05	13.0	0.253	1.05	3.4
N828420		15.9	94.4	0.003	0.07	5.43	10.3	1	3.7	311	0.61	<0.05	11.9	0.239	1.07	3.5
N828421		100.5	145.5	0.002	1.90	31.1	9.8	1	6.2	128.0	0.57	0.15	13.3	0.224	1.82	4.6
N828422		1.3	1.7	<0.002	0.01	0.08	0.3	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828423		36.5	89.7	<0.002	0.32	10.05	15.1	1	3.0	229	0.69	<0.05	12.9	0.249	1.26	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140556

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828410		2	0.1	0.7	13	<0.5
N828411		61	1.4	20.5	428	22.6
N828412		57	5.0	10.7	3010	35.2
N828413		63	1.6	17.5	126	48.7
N828414		70	3.2	14.1	97	113.5
N828415		72	3.1	14.3	89	113.0
N828416		74	1.2	14.4	54	25.3
N828417		72	1.4	14.9	54	24.9
N828418		58	5.1	11.4	3020	36.5
N828419		72	2.3	17.9	41	26.4
N828420		70	2.1	15.5	43	24.8
N828421		70	4.5	15.3	218	25.4
N828422		2	0.1	0.8	15	<0.5
N828423		75	2.0	18.1	118	31.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-67

Finalized Date: 9-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140556

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140557

Project: Klaza-67

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

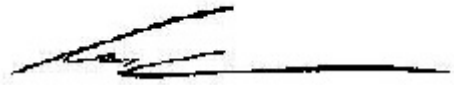
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140557

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828302		8.76	0.016	1.30	7.71	47.6	1400	1.71	1.03	3.16	14.00	51.9	9.0	10	9.00	36.1
N828303		4.82	0.014	1.54	8.31	72.3	1810	1.71	0.82	2.64	7.32	62.2	6.0	11	10.00	72.3
N828304		2.13	0.020	1.12	7.90	71.4	1700	2.01	0.64	2.66	6.81	60.7	7.0	9	9.87	64.0
N828305		4.40	0.107	1.73	8.13	197.5	560	1.82	1.32	1.78	6.16	67.8	4.9	9	12.50	11.7
N828306		4.64	0.130	6.30	8.26	313	1350	1.49	1.01	1.93	27.9	55.9	7.4	9	9.91	23.5
N828307		4.66	0.037	1.65	8.54	124.5	1390	1.83	1.42	0.52	4.93	58.3	17.4	10	12.50	14.5
N828308		4.85	0.437	4.82	6.89	788	910	1.33	1.91	5.23	38.1	51.3	4.4	7	12.30	60.4
N828309		4.01	<0.005	0.13	0.09	<5	30	0.08	0.11	25.4	0.24	1.57	0.8	1	0.24	3.4
N828310		4.77	0.026	0.53	8.14	59.3	1480	1.83	0.28	2.22	2.48	55.5	6.1	9	17.10	8.5
N828311		6.92	<0.005	0.23	8.11	22.1	2420	1.70	0.46	2.99	0.21	68.1	8.2	9	14.30	15.2
N828312		<0.02	<0.005	0.21	7.78	21.1	2280	1.84	0.42	2.87	0.23	64.7	8.7	8	14.30	14.1
N828313		4.66	0.173	1.97	8.43	195.5	2240	1.68	1.49	2.27	3.50	99.3	8.3	10	17.30	16.0
N828314		4.25	0.009	0.24	8.15	29.3	1640	1.98	0.21	2.59	0.46	64.5	6.0	9	17.60	3.4
N828315		5.03	0.021	0.73	8.06	51.5	1650	1.86	1.21	3.06	2.39	82.3	13.3	9	15.60	7.7
N828316		4.79	0.011	0.50	7.96	42.9	1430	1.70	0.72	2.55	4.28	71.4	12.5	9	16.30	12.9
N828317		4.83	0.041	0.65	7.26	94.2	1410	1.65	1.04	2.72	2.43	66.0	8.4	8	12.55	9.8
N828318		0.26	0.725	12.15	7.39	2090	300	1.65	7.55	2.25	48.3	46.4	19.1	22	18.00	120.0
N828319		3.95	2.34	>100	4.96	1380	610	1.11	326	1.28	318	24.2	7.9	6	6.15	4550
N828320		3.43	<0.005	0.38	0.11	6	30	0.06	0.33	23.8	0.35	2.98	0.6	<1	0.24	5.8
N828321		4.40	0.014	1.66	7.53	36.5	2220	1.52	1.93	2.07	7.53	40.9	5.9	8	9.74	21.6
N828322		4.45	0.054	2.21	6.99	93.8	1510	1.27	2.98	1.20	8.90	47.5	4.2	9	11.70	37.0
N828323		4.23	0.127	3.04	7.31	196.5	1090	1.34	2.58	0.63	12.45	47.5	4.2	9	13.05	89.9
N828324		4.46	0.150	5.65	5.41	191.5	210	1.10	7.51	0.98	15.85	38.2	4.3	8	17.50	63.2
N828325		4.28	0.216	5.18	4.69	255	100	0.92	4.91	1.08	26.4	38.1	4.5	7	9.97	53.2
N828326		9.12	0.044	2.19	7.24	99.3	2890	1.10	2.95	1.30	6.45	60.1	2.1	9	8.70	42.6
N828327		3.01	0.042	6.44	6.88	115.0	1400	1.15	5.13	0.57	27.0	59.4	3.3	8	8.26	105.5
N828328		4.46	0.015	1.94	6.78	52.1	1170	1.09	1.61	1.13	14.00	56.9	2.3	7	7.95	22.4
N828329		0.26	0.742	9.48	7.01	1930	210	1.31	6.56	1.94	39.8	46.8	17.6	19	14.85	110.5
N828330		4.82	0.484	16.05	5.48	648	90	0.88	12.35	4.64	71.5	48.4	4.7	6	5.42	765
N828331		4.30	2.07	>100	3.51	2750	20	0.57	377	1.39	41.9	15.50	8.8	9	2.77	>10000
N828332		5.14	0.389	2.64	6.07	408	470	1.07	3.88	5.47	3.09	45.0	5.5	9	7.63	40.6
N828333		3.06	0.019	1.50	6.80	47.8	1140	1.25	1.34	3.34	2.40	40.9	6.4	7	9.79	49.1
N828334		4.46	0.009	0.92	7.61	30.4	1630	1.35	0.55	1.35	1.61	56.9	4.5	9	14.35	41.6
N828335		3.93	0.006	0.35	7.54	10.5	1760	1.43	0.28	2.37	0.88	47.9	5.7	9	11.65	6.2
N828336		3.78	<0.005	0.14	7.27	11.0	1980	1.29	0.19	2.14	0.17	31.7	6.9	9	9.43	3.6
N828337		5.00	<0.005	0.18	7.70	10.6	2270	1.48	0.22	2.45	0.15	45.0	4.5	9	14.70	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828302		3.77	18.65	0.11	1.1	0.268	2.95	21.8	35.6	0.75	1200	1.20	1.07	6.5	3.7	620
N828303		4.27	18.65	0.14	1.1	0.322	3.43	28.4	49.5	0.71	1680	1.87	0.35	6.1	2.8	670
N828304		4.15	18.75	0.11	1.1	0.255	3.38	27.7	41.8	0.70	1780	1.55	0.51	5.9	2.5	660
N828305		5.66	18.10	0.13	1.0	0.229	3.41	32.1	77.7	0.89	1680	7.83	0.06	5.6	3.3	590
N828306		4.96	17.55	0.10	1.0	0.306	3.56	24.3	22.7	0.81	1790	1.88	0.07	5.1	2.8	650
N828307		7.50	18.80	0.14	1.0	0.271	3.84	26.7	8.5	0.75	3050	19.45	0.06	5.9	3.0	620
N828308		7.02	15.15	0.10	0.9	0.746	3.10	24.7	14.2	1.79	5760	13.10	0.03	4.9	2.6	490
N828309		0.58	0.24	0.06	<0.1	0.007	0.04	0.7	1.7	15.50	260	1.03	<0.01	0.2	2.3	210
N828310		5.78	17.70	0.10	1.1	0.190	3.82	25.9	21.5	0.94	2840	2.53	0.19	6.5	2.7	650
N828311		4.17	17.65	0.13	1.1	0.050	3.67	32.1	25.4	1.04	985	1.71	0.14	6.0	3.4	670
N828312		4.07	18.05	0.12	1.1	0.057	3.52	29.8	24.1	1.01	935	1.84	0.16	6.1	3.5	650
N828313		5.81	18.75	0.16	1.2	0.192	3.81	51.7	12.4	1.03	1920	7.16	0.05	7.0	3.0	680
N828314		3.95	18.95	0.13	1.2	0.103	3.75	29.3	64.2	0.95	2290	3.96	0.05	7.2	2.4	660
N828315		4.74	17.15	0.13	0.9	0.140	3.78	42.0	32.4	1.28	1710	3.48	0.06	5.2	2.5	590
N828316		4.61	18.55	0.14	1.1	0.235	3.95	31.4	21.9	1.03	1820	2.71	0.05	6.4	2.2	650
N828317		4.43	17.35	0.13	1.0	0.163	3.84	30.4	13.4	0.92	1760	2.45	0.05	6.1	2.4	620
N828318		6.17	16.70	0.10	1.5	1.085	3.30	19.7	27.3	0.79	2320	14.65	0.31	8.0	17.4	580
N828319		12.80	13.25	0.09	0.6	4.68	2.44	9.1	11.3	0.50	1650	2.19	0.03	3.7	2.3	370
N828320		0.48	0.29	0.05	<0.1	0.008	0.05	1.4	1.5	14.65	212	0.12	0.01	0.3	1.9	290
N828321		3.12	17.85	0.15	0.9	0.272	3.92	17.5	24.4	0.84	1700	10.90	0.06	5.6	2.6	610
N828322		4.24	15.55	0.11	0.9	0.380	3.20	22.2	21.7	0.72	1560	5.75	0.05	4.9	2.5	500
N828323		5.95	15.55	0.11	0.9	0.437	3.36	22.6	20.2	0.66	2340	11.65	0.04	5.3	2.5	490
N828324		4.20	12.70	0.12	0.7	0.434	2.22	19.8	31.7	0.44	1540	16.15	0.03	4.7	2.8	350
N828325		4.88	12.05	0.12	0.6	0.375	2.04	19.2	31.1	0.31	1580	23.0	0.03	4.0	2.9	370
N828326		4.75	17.15	0.15	0.7	0.279	3.38	31.2	10.8	0.83	2170	2.81	0.06	5.4	2.7	530
N828327		4.87	16.90	0.14	0.7	0.504	3.11	33.0	8.2	0.58	1400	4.28	0.05	4.6	2.6	480
N828328		5.85	15.15	0.15	0.7	0.369	3.05	29.2	7.5	0.86	2580	1.11	0.05	4.9	2.7	490
N828329		5.45	15.50	0.16	1.2	0.874	2.89	23.4	23.4	0.71	2130	12.55	0.26	8.1	16.4	510
N828330		5.86	14.90	0.14	0.6	0.826	2.60	24.5	7.9	0.52	2030	5.65	0.04	4.7	2.2	370
N828331		15.20	9.58	0.23	0.4	6.39	1.60	6.9	6.9	0.45	1540	5.20	0.02	2.9	2.0	250
N828332		6.13	14.70	0.12	0.8	0.152	2.84	24.1	7.9	0.46	2230	17.15	0.03	5.7	2.4	430
N828333		4.24	15.45	0.14	0.8	0.167	3.27	20.3	11.8	0.77	2080	14.60	0.04	5.4	2.8	490
N828334		3.69	16.75	0.13	1.0	0.079	2.88	30.8	43.9	0.61	1130	2.69	0.06	8.0	3.2	590
N828335		3.53	15.90	0.15	0.9	0.054	2.82	23.4	21.7	0.95	1140	1.33	0.75	6.9	3.2	550
N828336		2.70	16.40	0.13	0.9	0.034	2.82	14.7	28.0	0.76	532	2.53	0.74	7.2	2.8	570
N828337		3.56	16.25	0.15	1.0	0.064	3.29	21.4	27.2	0.83	901	1.06	1.25	7.7	2.5	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828302		211	130.0	<0.002	0.95	5.74	11.7	2	3.3	212	0.56	0.09	12.0	0.215	2.61	5.3
N828303		213	157.0	<0.002	0.96	27.4	11.5	1	3.0	115.0	0.51	<0.05	13.3	0.209	2.74	4.7
N828304		188.5	146.0	<0.002	0.89	27.1	11.7	2	2.8	124.5	0.48	<0.05	12.1	0.204	2.61	4.4
N828305		289	183.5	0.002	2.46	21.5	11.2	1	2.9	69.1	0.50	0.09	13.9	0.187	3.27	5.7
N828306		2170	144.0	0.002	2.32	16.75	11.1	2	8.1	47.5	0.45	<0.05	12.8	0.187	2.95	4.9
N828307		306	212	0.002	1.26	10.45	10.6	1	4.3	21.9	0.47	<0.05	15.6	0.198	3.64	5.6
N828308		1470	169.5	<0.002	3.61	34.8	8.8	2	7.9	93.9	0.42	<0.05	11.0	0.170	3.30	4.3
N828309		12.3	1.9	<0.002	0.03	0.23	0.2	1	<0.2	58.9	<0.05	<0.05	<0.2	<0.005	0.04	0.8
N828310		170.0	170.5	<0.002	0.53	10.30	11.1	2	4.2	86.1	0.58	<0.05	13.0	0.223	3.61	8.0
N828311		21.9	137.0	0.002	0.37	13.65	11.7	1	1.1	106.0	0.53	0.06	13.4	0.201	2.82	8.4
N828312		17.7	128.5	<0.002	0.36	13.30	11.5	1	1.1	104.0	0.50	0.05	11.7	0.193	2.58	7.8
N828313		293	183.0	0.002	1.81	15.10	12.2	2	3.1	80.1	0.64	0.11	15.3	0.225	3.57	8.4
N828314		33.5	163.0	<0.002	0.31	7.92	12.0	2	1.5	125.5	0.64	<0.05	13.2	0.234	3.30	5.8
N828315		115.5	197.5	0.002	1.14	8.42	11.5	1	2.2	80.0	0.40	0.08	14.9	0.175	3.23	6.1
N828316		53.6	159.5	0.002	0.85	6.27	11.7	1	2.1	102.0	0.55	<0.05	12.3	0.214	3.46	6.0
N828317		57.0	148.0	<0.002	1.45	7.13	10.6	1	2.2	83.9	0.48	<0.05	10.4	0.207	3.48	4.8
N828318		1590	162.5	<0.002	3.61	37.4	9.8	1	6.4	170.5	0.72	0.35	11.7	0.229	2.95	5.7
N828319		>10000	119.0	<0.002	>10.0	357	7.0	2	39.3	58.9	0.31	1.76	6.6	0.127	2.29	2.5
N828320		34.0	2.2	<0.002	0.03	0.45	0.2	1	0.2	46.2	<0.05	<0.05	0.2	<0.005	0.03	0.6
N828321		142.5	164.5	0.004	0.49	15.50	9.8	1	2.0	47.9	0.44	<0.05	11.5	0.198	3.36	3.6
N828322		210	216	<0.002	1.44	27.1	9.2	2	4.0	30.8	0.40	0.16	12.0	0.170	3.23	3.2
N828323		279	204	0.006	1.72	52.5	9.1	1	4.8	38.2	0.48	0.11	12.2	0.193	3.73	6.0
N828324		393	129.5	<0.002	2.29	58.4	7.1	1	4.5	131.0	0.39	0.26	10.1	0.149	2.37	4.1
N828325		856	108.5	<0.002	3.16	69.5	6.9	1	6.2	186.0	0.31	0.07	8.5	0.121	2.09	4.9
N828326		166.5	175.0	<0.002	0.88	14.05	10.4	1	3.8	64.1	0.41	<0.05	14.0	0.169	2.95	3.7
N828327		1115	164.5	0.003	1.06	26.0	9.2	1	6.0	19.6	0.40	<0.05	12.9	0.164	2.81	2.7
N828328		484	157.5	<0.002	0.47	7.78	9.9	1	3.7	67.1	0.41	<0.05	12.8	0.162	2.86	2.8
N828329		1425	155.5	0.002	3.15	31.0	9.3	1	5.4	147.5	0.67	0.20	13.3	0.205	2.61	5.6
N828330		1730	139.0	0.002	4.55	36.7	7.9	1	7.7	131.5	0.35	0.07	9.8	0.138	2.11	2.5
N828331		2930	78.7	<0.002	>10.0	431	4.6	2	10.2	59.1	0.22	0.51	5.0	0.087	1.42	2.0
N828332		227	174.5	0.008	3.67	12.05	8.5	1	6.2	144.5	0.48	0.10	12.0	0.173	3.08	4.4
N828333		149.5	194.5	0.009	0.53	11.90	9.8	1	3.5	89.5	0.46	<0.05	11.9	0.169	3.29	5.2
N828334		136.5	145.0	<0.002	0.33	25.5	11.8	1	2.4	80.7	0.67	<0.05	13.8	0.246	2.54	4.7
N828335		83.5	132.5	<0.002	0.21	5.71	10.6	1	2.2	161.0	0.57	<0.05	12.9	0.205	2.28	5.1
N828336		18.0	114.0	<0.002	0.17	5.24	10.8	1	1.3	149.5	0.58	<0.05	11.9	0.234	1.76	4.2
N828337		24.1	113.5	<0.002	0.12	4.68	10.2	1	2.3	267	0.65	<0.05	13.0	0.239	1.79	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
N828302		74	1.7	11.9	1040	33.7				
N828303		77	2.1	12.6	603	36.3				
N828304		77	1.9	12.3	571	34.7				
N828305		73	3.5	13.5	539	32.9				
N828306		78	3.7	11.4	2490	30.5				
N828307		67	6.1	9.0	550	32.3				
N828308		57	6.8	11.2	2990	25.0				
N828309		3	0.1	1.0	32	<0.5				
N828310		74	5.5	12.2	349	34.3				
N828311		77	2.2	14.3	93	31.9				
N828312		74	2.2	14.0	87	33.3				
N828313		75	5.7	14.4	364	37.1				
N828314		79	3.2	15.5	96	36.2				
N828315		77	2.7	14.5	271	27.9				
N828316		74	3.4	13.1	374	34.5				
N828317		73	3.7	12.6	281	30.7				
N828318		65	5.9	11.9	3450	49.0				
N828319		45	4.2	6.6	>10000	18.8	228		2.91	2.06
N828320		3	0.1	0.9	31	<0.5				
N828321		75	3.3	10.4	590	30.8				
N828322		66	3.4	7.8	739	27.2				
N828323		65	7.3	8.6	1270	25.5				
N828324		49	4.7	7.8	1320	19.7				
N828325		43	3.7	7.0	1860	15.9				
N828326		64	3.4	8.5	587	21.6				
N828327		69	4.4	6.6	2000	21.4				
N828328		63	3.3	6.2	1200	21.2				
N828329		59	4.7	11.4	3100	40.0				
N828330		48	2.8	6.9	5230	18.2				
N828331		30	1.7	5.0	3370	10.2	330	1.835		
N828332		55	6.5	8.7	311	22.5				
N828333		65	3.3	9.7	278	23.1				
N828334		68	4.9	12.9	203	27.3				
N828335		65	2.3	11.5	146	25.6				
N828336		72	1.9	11.6	72	25.1				
N828337		67	3.0	13.6	60	30.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-67

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140557

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140558

Project: Klaza-67

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

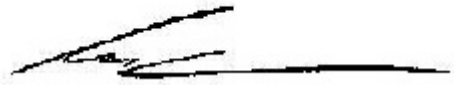
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140558

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828266		5.21	<0.005	0.17	7.22	9.8	2020	1.49	0.45	3.10	0.40	52.4	7.8	9	9.38	3.1
N828267		6.48	0.335	2.19	6.72	406	260	1.38	2.18	2.18	14.00	45.1	6.1	8	13.10	28.2
N828268		4.76	0.328	2.60	7.05	174.5	1000	1.60	2.98	3.00	25.1	56.4	6.5	8	21.8	49.6
N828269		8.98	0.011	0.16	7.05	34.5	2040	1.56	0.32	2.31	0.19	46.5	6.4	11	20.0	8.8
N828270		4.54	0.040	0.37	6.75	204	1610	1.49	0.39	1.83	0.19	44.9	5.6	9	22.2	4.3
N828271		9.05	0.005	0.14	7.21	13.9	2120	1.39	0.29	1.90	1.11	60.4	5.3	9	12.85	3.3
N828272		5.87	0.007	0.13	6.92	31.9	2450	1.34	0.20	2.57	0.46	57.4	10.1	8	14.30	2.4
N828273		2.56	<0.005	<0.01	0.08	<5	20	0.06	0.02	21.9	0.02	1.28	1.4	<1	0.26	1.7
N828274		4.45	0.009	0.11	7.15	35.3	1400	1.52	0.18	2.19	0.11	53.0	5.5	8	24.6	4.8
N828275		3.73	<0.005	0.10	7.09	18.5	2020	1.49	0.21	2.23	0.11	48.4	6.0	8	19.50	3.2
N828276		0.31	4.46	>100	5.28	7600	80	1.16	62.9	1.89	222	35.5	9.4	17	12.60	1265
N828277		10.04	<0.005	0.13	7.41	10.3	2510	1.63	0.23	2.47	0.16	50.5	5.4	10	13.65	2.8
N828278		4.27	<0.005	0.09	7.63	8.7	2440	1.67	0.20	2.44	0.07	48.7	4.1	10	11.35	1.9
N828279		5.20	0.005	0.09	7.40	15.2	1960	1.54	0.19	2.24	0.07	65.1	10.5	9	17.85	4.1
N828280		12.12	<0.005	0.12	7.48	17.1	1770	1.43	0.22	2.48	0.32	67.0	8.9	8	16.35	2.9
N828281		5.05	0.005	0.11	7.35	15.6	1590	1.48	0.19	2.35	0.31	63.7	6.5	7	16.85	2.3
N828282		9.21	<0.005	0.07	7.39	14.9	1380	1.40	0.20	1.96	0.14	57.9	5.2	10	15.35	2.1
N828283		3.39	<0.005	0.18	7.42	19.7	4640	1.44	0.24	1.92	0.18	63.3	6.3	8	15.75	3.8
N828284		0.30	0.803	8.86	6.78	1845	130	1.51	6.48	1.91	44.3	47.8	16.9	20	18.40	104.5
N828285		4.53	0.501	11.90	6.62	396	200	1.44	20.0	1.32	43.6	58.3	5.4	9	15.25	69.9
N828286		7.03	0.005	0.15	7.08	35.1	840	2.10	0.22	1.65	0.23	71.0	6.8	23	21.2	9.3
N828287		11.09	0.087	0.58	7.15	106.5	1280	1.66	0.56	1.98	1.94	55.5	5.3	8	22.0	8.7
N828288		4.48	0.088	0.91	6.99	151.5	1540	1.36	0.71	1.89	6.93	43.5	4.1	8	16.85	12.5
N828289		6.34	0.009	0.21	7.05	30.5	1220	1.39	0.24	1.95	0.37	55.3	4.1	9	16.50	6.1
N828290		4.51	0.081	1.21	7.07	110.5	1010	1.37	0.65	1.65	12.20	80.7	4.1	8	10.85	9.4
N828291		5.14	0.125	1.87	6.51	218	530	1.26	1.47	1.42	11.65	54.1	5.7	9	14.70	28.2
N828292		5.07	<0.005	0.01	0.08	<5	20	0.06	0.02	20.7	0.09	1.41	1.3	3	0.17	2.7
N828293		3.75	0.048	1.20	6.99	87.6	620	1.31	0.96	1.89	13.00	69.4	8.5	11	8.31	31.6
N828294		4.16	0.015	0.94	7.10	36.7	1400	1.33	0.31	2.08	5.03	67.3	6.2	10	8.15	5.6
N828295		6.73	0.007	0.52	7.08	15.7	1440	1.29	0.50	3.10	6.52	46.5	8.6	10	7.40	13.3
N828296		4.15	0.022	1.13	7.08	38.2	850	1.43	0.95	3.15	9.95	60.9	9.4	7	7.71	29.7
N828297		3.42	0.025	0.49	6.94	34.5	950	1.59	0.55	3.10	1.14	59.7	12.3	10	15.95	16.9
N828298		4.12	0.006	0.19	7.57	17.2	1390	1.66	0.31	3.11	1.16	57.2	6.0	10	5.86	5.4
N828299		<0.02	0.009	0.21	7.67	17.2	1420	1.58	0.32	3.08	1.13	65.6	5.9	11	6.96	5.5
N828300		4.57	<0.005	0.28	7.38	10.1	930	1.44	0.33	3.28	1.32	54.8	7.5	11	6.45	3.9
N828301		3.72	0.010	0.73	7.47	15.8	1150	1.59	0.76	4.07	16.20	39.3	30.1	11	10.10	13.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828266		2.23	16.20	0.16	1.1	0.032	3.08	25.3	16.9	0.57	696	2.30	0.61	6.6	2.6	550
N828267		4.80	15.30	0.14	0.9	0.405	2.86	22.7	30.4	0.82	4430	6.04	0.04	6.6	2.3	480
N828268		4.21	15.50	0.18	1.1	0.470	2.97	31.5	20.9	0.92	2350	3.94	0.04	7.6	2.5	530
N828269		3.18	15.50	0.19	1.2	0.055	2.91	22.4	35.8	0.75	836	1.29	1.11	8.4	2.4	570
N828270		2.74	14.80	0.17	1.2	0.031	2.64	22.0	102.5	0.66	852	2.53	0.07	8.1	2.4	530
N828271		2.94	15.25	0.21	1.0	0.052	3.07	32.4	22.3	0.76	762	11.60	0.36	6.8	2.2	550
N828272		2.83	14.55	0.21	0.9	0.045	2.93	30.5	27.8	1.01	981	2.86	0.06	5.5	2.7	550
N828273		0.49	0.27	0.09	<0.1	0.005	0.03	0.6	0.9	12.90	234	0.41	<0.01	0.3	3.1	180
N828274		2.72	16.65	0.17	1.3	0.035	2.59	26.3	87.3	0.76	716	2.04	0.07	8.5	2.2	570
N828275		3.02	16.00	0.19	1.2	0.040	2.59	23.1	24.5	0.72	574	2.17	0.87	8.3	2.4	580
N828276		7.94	12.70	0.24	1.0	4.83	2.27	17.2	32.1	0.63	3050	15.55	0.08	6.0	13.5	450
N828277		3.09	16.15	0.19	1.1	0.039	2.89	24.6	10.8	0.76	491	2.40	2.01	8.7	2.4	610
N828278		3.22	16.10	0.21	1.2	0.027	2.89	23.7	12.5	0.77	460	2.89	1.82	8.4	2.6	620
N828279		3.45	15.85	0.21	1.0	0.029	2.69	34.6	27.8	0.83	447	1.96	0.13	8.0	2.9	580
N828280		2.76	15.00	0.23	1.2	0.032	2.89	36.3	30.6	0.91	633	6.49	0.16	8.1	2.6	570
N828281		2.60	15.05	0.22	1.2	0.031	2.89	33.5	29.7	0.87	615	7.58	0.13	7.7	2.2	530
N828282		2.72	15.50	0.22	1.1	0.029	2.60	29.6	77.0	0.73	627	4.21	0.05	7.8	2.4	620
N828283		3.14	15.20	0.22	1.0	0.044	2.92	34.5	52.9	0.76	857	3.04	0.06	6.0	2.3	550
N828284		5.34	14.80	0.23	1.3	0.965	2.94	23.3	25.3	0.73	2040	13.10	0.27	8.6	14.8	520
N828285		5.19	15.00	0.22	1.0	0.515	2.91	31.7	34.5	0.65	1360	4.41	0.03	6.4	2.4	500
N828286		2.70	17.45	0.20	4.5	0.037	2.25	34.6	174.5	0.72	646	4.43	0.04	11.8	7.6	1350
N828287		3.61	15.25	0.23	1.2	0.095	2.78	29.3	37.8	0.71	1120	5.24	0.52	8.4	2.6	550
N828288		3.36	14.40	0.15	1.0	0.145	2.94	22.1	17.6	0.70	1460	4.14	0.04	7.6	2.1	520
N828289		2.66	15.85	0.17	1.1	0.041	2.72	28.9	47.3	0.72	878	4.10	0.04	7.4	2.2	530
N828290		4.11	15.60	0.19	1.1	0.463	3.28	48.0	10.6	0.78	2320	24.7	0.04	6.3	3.0	520
N828291		5.36	15.55	0.21	0.9	0.465	2.94	29.9	11.3	0.69	3550	28.6	0.04	5.1	3.4	460
N828292		0.48	0.33	0.25	<0.1	0.005	0.03	0.7	0.8	12.45	220	0.27	<0.01	0.4	2.0	170
N828293		3.74	14.15	0.20	1.0	0.431	3.23	38.0	11.3	0.79	2100	3.21	0.05	6.0	2.4	510
N828294		2.70	16.95	0.21	1.1	0.046	2.64	35.0	75.2	0.78	856	1.49	0.07	6.5	2.5	540
N828295		2.66	16.60	0.19	1.1	0.269	2.64	22.3	113.0	1.08	1100	18.00	0.13	6.8	2.6	570
N828296		2.79	17.10	0.12	1.1	0.180	2.51	32.6	79.1	0.93	1240	1.47	0.13	6.7	2.6	540
N828297		2.53	17.60	0.13	1.1	0.088	2.18	31.8	52.3	0.61	883	1.96	0.10	6.3	2.8	550
N828298		3.94	18.80	0.15	1.2	0.056	2.04	31.0	70.4	0.81	811	2.31	0.52	6.5	2.3	590
N828299		3.92	18.30	0.22	1.2	0.060	2.06	36.3	67.0	0.81	811	1.30	0.51	6.8	2.4	570
N828300		2.22	18.65	0.20	1.1	0.081	2.25	24.9	30.1	0.54	808	7.89	1.43	7.6	3.1	600
N828301		2.41	18.75	0.18	1.1	0.493	2.68	15.4	29.7	0.67	1080	3.08	0.23	6.1	4.6	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828266		36.2	125.0	<0.002	0.25	5.39	9.7	1	1.6	148.5	0.60	<0.05	13.8	0.200	2.03	5.1
N828267		462	152.0	<0.002	2.56	13.15	9.4	1	3.1	112.0	0.57	0.17	12.4	0.198	2.99	3.8
N828268		263	183.0	<0.002	1.78	16.35	10.2	1	3.5	100.5	0.58	0.10	14.5	0.215	3.09	6.0
N828269		22.4	116.5	<0.002	0.20	8.64	10.5	1	1.9	242	0.64	<0.05	12.4	0.238	1.75	4.6
N828270		64.5	103.0	<0.002	0.33	28.0	9.8	1	1.4	111.5	0.62	<0.05	12.3	0.225	1.96	5.1
N828271		44.4	142.5	0.002	0.18	11.10	10.6	1	1.4	125.5	0.51	<0.05	14.5	0.202	1.80	4.7
N828272		24.4	141.0	<0.002	0.48	16.40	10.1	1	1.4	108.0	0.41	<0.05	14.0	0.166	1.92	3.9
N828273		<0.5	1.8	<0.002	0.01	0.09	0.2	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828274		12.7	111.5	<0.002	0.14	17.40	10.3	1	1.8	151.5	0.71	<0.05	13.6	0.238	1.76	5.5
N828275		16.6	95.7	<0.002	0.09	13.30	10.0	1	1.7	212	0.67	<0.05	11.9	0.240	1.33	5.5
N828276		9590	133.0	0.002	7.06	219	7.4	2	8.7	122.0	0.41	0.50	8.9	0.175	2.16	5.5
N828277		22.5	107.0	<0.002	0.05	3.52	11.3	1	1.4	377	0.64	<0.05	12.9	0.256	1.16	3.8
N828278		18.3	97.2	<0.002	0.05	3.26	11.1	1	1.3	329	0.62	<0.05	13.1	0.262	1.02	4.4
N828279		11.7	120.0	<0.002	0.23	8.40	10.4	1	1.6	116.0	0.59	<0.05	14.5	0.228	1.41	4.3
N828280		15.2	144.0	<0.002	0.32	10.80	10.2	1	1.6	123.0	0.64	<0.05	15.4	0.215	1.90	9.1
N828281		15.4	139.5	<0.002	0.26	11.30	9.8	1	1.6	115.0	0.61	<0.05	15.1	0.210	1.92	7.1
N828282		17.8	109.0	<0.002	0.20	22.6	10.6	1	1.4	139.0	0.59	<0.05	14.1	0.224	1.65	5.3
N828283		16.8	163.5	<0.002	0.38	22.6	10.4	1	1.3	113.0	0.45	<0.05	15.2	0.180	2.23	4.1
N828284		1410	161.0	0.002	3.25	34.9	9.3	1	6.2	156.0	0.63	0.29	12.3	0.206	2.57	5.6
N828285		1220	188.0	<0.002	3.75	28.0	9.5	1	5.3	67.7	0.48	0.25	13.5	0.181	2.78	5.4
N828286		21.6	70.4	<0.002	0.04	33.2	6.4	1	1.4	516	0.67	<0.05	9.2	0.348	1.20	6.4
N828287		90.6	145.5	0.002	1.11	15.80	10.5	1	2.7	162.0	0.63	<0.05	14.5	0.227	2.27	6.0
N828288		108.5	150.0	<0.002	1.42	16.30	9.5	1	2.2	83.0	0.61	<0.05	11.4	0.218	2.97	5.7
N828289		16.8	135.0	<0.002	0.40	10.35	10.8	1	1.4	102.0	0.59	<0.05	12.7	0.211	2.28	5.5
N828290		341	194.5	<0.002	1.43	29.6	11.2	1	3.7	29.0	0.52	0.06	13.7	0.176	2.84	6.2
N828291		250	173.5	0.002	2.97	37.9	8.9	1	4.9	30.6	0.41	0.08	11.1	0.155	2.58	5.2
N828292		2.1	1.6	<0.002	0.02	0.15	0.4	1	<0.2	44.5	<0.05	<0.05	0.2	<0.005	0.02	0.4
N828293		166.5	187.5	0.002	1.95	10.95	9.6	1	3.5	33.8	0.48	0.10	12.4	0.166	2.55	5.0
N828294		273	124.0	<0.002	0.81	9.85	11.5	1	2.5	71.1	0.54	0.07	12.3	0.182	1.98	5.5
N828295		131.0	118.0	0.004	0.87	6.30	10.8	1	2.3	107.5	0.56	0.08	11.5	0.203	2.42	5.4
N828296		314	124.0	<0.002	1.11	8.83	11.9	1	2.4	111.5	0.56	0.08	13.0	0.200	2.30	4.0
N828297		35.6	105.5	<0.002	1.12	12.80	12.5	1	1.8	94.9	0.54	0.08	13.0	0.192	1.83	5.4
N828298		20.4	90.4	<0.002	0.41	7.22	13.0	1	1.4	106.0	0.61	<0.05	14.0	0.201	1.40	6.5
N828299		23.9	98.5	<0.002	0.43	8.36	11.6	1	1.5	110.0	0.63	<0.05	13.6	0.195	1.45	6.4
N828300		40.4	100.5	0.003	0.52	4.57	10.6	1	2.5	194.0	0.61	<0.05	10.9	0.217	1.88	5.1
N828301		143.5	128.5	0.002	1.02	8.15	14.1	1	3.4	141.0	0.56	0.09	12.9	0.211	2.45	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140558

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828266		64	3.1	12.9	76	31.1		
N828267		57	5.5	10.5	1120	28.1		
N828268		63	5.9	12.9	1630	31.8		
N828269		69	2.7	14.7	67	35.3		
N828270		65	5.6	13.0	70	33.7		
N828271		67	2.2	14.0	154	30.3		
N828272		64	3.0	12.2	128	28.1		
N828273		2	0.1	0.8	15	<0.5		
N828274		67	3.9	16.2	56	36.3		
N828275		70	2.0	15.3	72	31.6		
N828276		53	4.2	9.5	>10000	33.4	117	1.635
N828277		74	1.4	16.7	60	33.0		
N828278		79	1.4	14.7	72	34.7		
N828279		72	1.6	15.0	102	29.8		
N828280		66	1.6	16.2	97	32.3		
N828281		65	1.6	14.8	94	32.9		
N828282		69	3.2	13.7	72	32.2		
N828283		72	2.4	13.0	99	29.0		
N828284		60	5.3	11.6	3100	42.7		
N828285		61	4.5	11.4	2580	29.3		
N828286		64	2.3	12.0	110	192.5		
N828287		65	3.7	14.7	196	36.2		
N828288		62	6.0	11.5	519	29.5		
N828289		63	3.6	13.4	67	29.9		
N828290		58	3.6	11.0	930	27.4		
N828291		64	5.4	8.7	885	24.2		
N828292		2	0.1	0.9	21	<0.5		
N828293		57	2.9	11.6	950	25.9		
N828294		66	1.4	12.3	323	30.5		
N828295		66	1.5	11.9	432	30.0		
N828296		65	1.6	12.7	704	29.7		
N828297		67	1.8	12.0	110	29.2		
N828298		69	1.3	11.9	116	31.6		
N828299		70	1.4	12.4	109	33.0		
N828300		70	1.3	11.6	106	30.1		
N828301		73	2.2	11.9	980	31.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-67

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140558

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2012
Account: ROCKHA

CERTIFICATE WH12140559

Project: Klaza-67

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

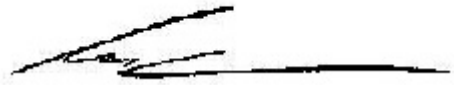
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140559

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828374		8.04	0.022	1.06	7.27	23.6	650	1.37	1.45	1.49	0.79	38.7	2.9	11	7.85	2.6
N828375		0.23	4.47	>100	5.60	8630	430	1.03	55.4	2.03	231	34.4	8.5	19	11.50	1270
N828376		10.90	3.07	23.1	5.82	933	1550	0.86	25.3	1.01	6.22	21.3	7.9	12	5.97	470
N828377		11.67	0.063	1.61	7.52	87.7	740	1.49	2.12	2.05	6.58	29.3	13.6	11	5.71	24.1
N828378		9.28	0.018	1.02	7.17	58.2	720	1.67	1.05	3.37	6.49	34.1	4.0	11	5.44	22.9
N828379		5.16	0.049	1.54	6.80	50.7	680	1.32	1.20	3.22	8.45	27.8	2.4	10	5.35	18.5
N828380		6.45	<0.005	0.21	6.89	9.5	440	1.45	0.27	3.39	0.46	31.9	2.2	10	10.30	3.4
N828381		7.62	<0.005	0.11	6.89	7.2	480	1.52	0.21	3.35	0.16	36.3	3.1	11	7.42	1.7
N828382		6.54	<0.005	0.08	7.02	5.3	1300	1.43	0.21	2.98	0.14	42.1	3.3	12	8.01	1.5
N828383		9.06	0.042	0.32	7.62	43.7	1400	1.33	0.28	1.70	1.07	54.1	3.1	11	15.25	2.7
N828384		0.23	0.784	10.05	6.83	1850	910	1.32	5.66	1.94	42.2	43.9	16.4	20	16.45	104.0
N828385		6.31	0.014	0.16	7.46	25.2	1110	1.37	0.18	2.19	0.26	44.7	5.5	13	11.85	1.5
N828386		10.13	0.061	1.51	7.24	89.2	1040	1.31	2.39	1.67	15.15	47.8	4.2	12	12.15	48.3
N828387		<0.02	0.048	1.84	7.45	100.5	1030	1.28	2.60	1.62	16.80	50.1	4.3	11	12.00	58.6
N828388		7.53	<0.005	0.09	7.25	7.6	1720	1.36	0.14	2.35	0.20	41.6	4.5	13	10.80	4.1
N828389		3.91	0.165	3.56	7.14	255	440	1.40	5.86	1.17	9.16	43.8	6.4	11	11.95	56.8
N828390		6.00	0.856	70.5	4.76	1295	340	0.92	52.6	2.42	56.6	25.7	7.6	10	10.15	701
N828391		4.41	<0.005	0.10	0.07	5	20	0.05	0.10	21.7	0.12	1.24	1.2	1	0.23	2.6
N828392		9.66	0.021	1.00	6.84	43.4	600	1.19	0.94	1.73	8.93	29.5	2.1	12	14.40	28.0
N828393		10.49	<0.005	0.23	6.49	10.4	390	1.19	0.37	4.17	0.43	22.8	2.8	10	7.74	2.7
N828394		4.38	0.039	0.97	7.56	44.9	550	1.34	1.30	1.67	15.80	25.7	4.8	10	7.64	12.1
N828395		5.23	1.050	7.15	6.93	341	200	1.21	11.45	0.76	22.5	22.4	9.7	9	7.63	145.5
N828396		4.00	<0.005	0.03	0.08	7	30	<0.05	0.04	21.5	0.10	1.27	1.2	1	0.19	1.7
N828397		11.95	0.010	0.66	6.62	18.9	490	1.22	0.90	2.57	1.13	19.65	2.4	9	7.94	23.5
N828398		11.68	0.010	0.51	7.01	15.8	500	1.34	0.50	2.89	3.13	21.4	2.2	10	11.75	40.0
N828399		12.51	0.018	0.52	6.74	18.4	470	1.46	0.60	3.20	5.97	24.6	2.0	10	8.15	38.1
N828400		12.67	0.009	0.88	7.37	21.0	510	1.42	1.03	2.20	2.79	31.6	6.7	13	6.93	5.8
N828401		8.26	<0.005	0.10	7.14	11.4	360	1.48	0.28	2.42	0.30	34.4	2.6	12	9.60	3.7
N828402		6.46	<0.005	0.21	7.21	7.6	640	1.56	0.33	3.41	0.17	42.5	2.9	12	7.99	3.8
N828403		4.75	0.038	0.71	7.22	99.5	620	1.39	1.24	2.28	4.80	38.0	3.8	11	7.30	8.8
N828404		0.23	4.34	>100	5.24	6660	1130	1.01	59.1	1.86	218	38.2	8.2	18	11.75	1225
N828405		7.51	0.164	9.12	6.41	280	610	1.32	6.49	1.57	47.9	43.0	6.0	11	8.55	54.6
N828406		6.95	0.009	0.41	6.64	25.6	530	1.20	0.52	2.35	3.18	39.0	2.1	10	9.83	5.6
N828407		4.29	1.660	12.00	4.02	324	280	0.99	20.1	0.85	21.8	32.7	9.8	12	13.10	111.5
N828408		4.66	0.198	3.76	5.32	313	390	1.11	3.64	2.15	57.0	44.8	4.5	10	10.55	35.4
N828409		4.45	0.272	29.8	5.46	489	5650	0.95	24.2	1.34	123.0	27.4	8.9	9	6.36	208

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140559

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828374		2.15	15.20	0.11	1.0	0.170	2.63	14.0	32.2	0.61	1230	1.41	0.09	5.8	1.8	550
N828375		8.53	12.75	0.16	1.1	4.74	2.38	17.1	28.8	0.65	3140	16.50	0.08	5.5	11.8	470
N828376		9.84	13.45	0.19	0.8	0.376	2.64	7.4	8.4	0.47	1960	2.54	0.04	4.3	2.0	440
N828377		4.15	15.95	0.15	0.8	0.430	3.41	10.3	22.6	0.77	1880	0.51	0.05	4.8	2.2	500
N828378		2.58	15.75	0.13	0.8	0.405	3.18	12.0	26.2	0.78	1680	0.35	0.06	5.0	2.4	540
N828379		2.36	15.45	0.12	0.8	0.391	3.11	8.9	25.0	0.71	1650	0.24	0.07	5.0	2.1	570
N828380		1.87	16.55	0.12	1.1	0.185	1.52	11.0	42.6	0.42	916	0.36	0.11	6.6	1.9	600
N828381		2.48	15.40	0.12	1.1	0.119	0.89	12.7	36.9	0.71	753	0.28	1.93	7.0	2.1	580
N828382		2.92	15.50	0.12	1.2	0.072	1.59	17.2	16.4	0.74	584	0.57	2.12	7.8	2.6	570
N828383		3.08	15.20	0.15	1.2	0.063	2.29	28.3	49.4	0.63	878	1.93	0.15	7.5	2.0	570
N828384		5.43	14.35	0.16	1.5	0.906	2.91	22.3	24.4	0.71	2000	12.95	0.26	7.5	14.3	510
N828385		2.73	15.70	0.12	1.2	0.073	2.29	20.2	27.2	0.71	948	0.52	0.05	7.0	2.4	570
N828386		3.86	14.45	0.14	1.2	0.572	2.92	24.2	51.9	0.69	1120	1.23	0.18	6.9	2.2	540
N828387		4.08	14.95	0.16	1.2	0.723	2.97	26.0	53.0	0.70	1180	1.07	0.13	6.9	2.1	550
N828388		2.88	15.10	0.13	1.3	0.054	2.99	19.4	24.6	0.64	670	1.21	0.76	7.6	2.3	560
N828389		6.39	15.95	0.19	1.1	0.505	3.22	22.0	14.4	0.65	1860	2.97	0.04	6.8	2.5	530
N828390		9.57	10.70	0.17	0.6	0.849	2.04	13.1	20.1	0.70	2860	35.2	0.02	3.9	2.7	290
N828391		0.52	0.24	0.06	<0.1	<0.005	0.03	0.6	0.9	13.15	220	0.17	<0.01	0.2	2.6	180
N828392		3.02	15.10	0.11	0.9	0.475	2.77	11.3	50.7	0.77	1500	0.83	0.06	6.5	2.3	570
N828393		2.27	15.70	0.11	0.9	0.225	2.18	7.9	18.8	0.73	1140	0.84	0.27	6.8	2.1	580
N828394		3.71	16.60	0.13	0.9	0.514	3.29	10.4	38.7	0.76	1980	0.48	0.05	5.1	1.9	530
N828395		8.91	16.10	0.21	0.6	1.000	3.26	9.3	14.6	0.54	1560	1.54	0.04	3.3	1.6	440
N828396		0.49	0.27	0.06	<0.1	<0.005	0.03	0.6	0.9	13.10	219	0.16	<0.01	0.2	2.4	200
N828397		2.26	15.40	0.09	0.9	0.247	2.04	6.9	36.2	0.66	1130	0.39	0.43	4.9	1.3	500
N828398		2.33	16.05	0.11	1.0	0.253	1.98	7.6	44.6	0.75	1400	0.38	0.31	6.3	1.7	550
N828399		2.71	15.05	0.11	0.9	0.325	1.79	9.4	52.3	0.78	1480	0.28	1.48	6.7	1.4	540
N828400		2.86	15.30	0.12	0.9	0.295	2.13	11.7	149.5	0.73	1220	0.58	0.11	5.0	1.6	580
N828401		1.60	17.25	0.13	0.9	0.127	1.23	12.1	184.0	0.50	721	0.25	0.14	7.3	2.0	620
N828402		2.52	17.40	0.18	1.0	0.117	1.63	18.2	21.8	0.72	761	0.39	1.19	6.6	2.8	580
N828403		2.90	17.00	0.16	0.9	0.274	2.70	16.9	46.0	0.56	1230	0.29	0.06	6.1	2.5	560
N828404		7.78	11.75	0.18	1.0	4.54	2.16	19.5	30.0	0.60	2950	15.45	0.08	5.2	11.9	430
N828405		5.47	14.55	0.16	0.9	0.540	2.75	20.1	82.1	0.74	2780	0.75	0.04	5.4	2.7	470
N828406		2.74	14.75	0.13	0.8	0.255	2.27	14.6	268	0.91	1600	1.19	0.10	5.5	1.8	520
N828407		5.69	9.49	0.17	0.5	0.243	1.50	12.5	95.2	0.35	636	21.3	0.03	3.5	2.9	290
N828408		3.65	12.15	0.15	0.6	0.452	2.29	16.9	63.4	0.69	1930	4.97	0.04	4.5	1.8	430
N828409		6.88	12.30	0.19	0.6	0.648	2.46	12.9	32.9	0.60	1620	2.46	0.05	4.6	2.4	360

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140559

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828374		31.4	175.0	<0.002	0.43	13.45	10.7	1	2.8	56.4	0.46	0.59	14.9	0.186	2.56	3.6
N828375		9660	137.0	<0.002	7.43	226	6.8	2	8.9	125.5	0.41	0.51	8.3	0.190	2.04	4.9
N828376		473	153.0	<0.002	9.01	109.0	7.7	1	7.3	64.0	0.36	0.91	8.5	0.148	2.53	2.9
N828377		167.0	213	<0.002	2.14	7.14	8.7	1	6.6	45.1	0.40	0.43	12.4	0.159	2.50	3.0
N828378		121.0	170.0	<0.002	0.41	8.61	9.5	1	4.0	74.3	0.39	0.16	12.9	0.169	2.54	3.8
N828379		124.0	145.5	<0.002	0.28	5.32	8.9	1	3.5	73.1	0.42	0.36	11.5	0.166	2.76	3.7
N828380		41.6	54.4	<0.002	0.13	19.60	10.4	1	2.8	126.5	0.53	0.05	11.2	0.217	1.48	3.7
N828381		15.2	32.1	<0.002	0.20	5.45	10.0	1	2.3	282	0.57	<0.05	11.2	0.225	0.90	3.3
N828382		17.1	56.3	<0.002	0.13	3.65	11.2	1	2.3	301	0.63	<0.05	11.0	0.245	1.00	3.3
N828383		52.6	116.5	<0.002	0.46	19.75	10.9	1	2.2	91.8	0.62	<0.05	14.9	0.246	1.72	5.0
N828384		1340	161.5	0.002	3.21	35.2	9.2	1	5.9	151.0	0.60	0.31	12.0	0.215	2.46	5.3
N828385		14.7	105.5	<0.002	0.45	18.80	10.5	1	2.2	77.2	0.59	<0.05	14.0	0.235	2.00	3.6
N828386		112.0	165.5	<0.002	1.21	16.35	9.9	1	3.9	102.5	0.56	0.10	14.0	0.223	2.27	4.9
N828387		110.5	178.0	<0.002	1.35	16.75	10.6	1	4.4	92.4	0.55	0.10	14.3	0.222	2.38	5.0
N828388		16.7	123.5	<0.002	0.13	7.33	10.1	1	2.1	189.5	0.67	<0.05	12.3	0.240	1.78	3.6
N828389		144.0	205	<0.002	4.32	21.6	10.3	1	5.6	44.6	0.54	0.11	13.6	0.219	3.17	3.9
N828390		>10000	126.0	0.005	9.58	239	5.7	2	6.8	57.7	0.32	0.52	7.5	0.133	2.05	4.2
N828391		15.6	1.6	<0.002	0.05	0.66	0.2	1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828392		115.5	204	<0.002	0.56	23.0	8.9	1	3.6	63.1	0.47	<0.05	14.0	0.183	2.68	2.8
N828393		18.3	106.5	<0.002	0.23	6.35	8.8	1	3.3	112.0	0.55	<0.05	11.4	0.196	2.13	3.6
N828394		59.4	199.5	<0.002	0.83	6.67	9.0	1	4.8	44.6	0.45	0.11	13.3	0.189	2.80	2.8
N828395		175.0	212	<0.002	7.43	30.4	7.7	1	10.5	19.7	0.31	0.73	9.8	0.138	2.45	3.0
N828396		1.7	1.8	<0.002	0.03	0.11	0.1	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828397		41.4	103.0	<0.002	0.41	12.25	7.9	1	3.7	125.0	0.42	0.26	11.9	0.175	1.88	2.8
N828398		84.8	93.9	<0.002	0.28	13.35	8.9	1	2.6	120.5	0.50	0.10	12.5	0.190	1.95	2.7
N828399		54.6	78.4	<0.002	0.21	12.20	8.8	1	2.5	215	0.55	<0.05	11.4	0.205	1.89	2.7
N828400		119.5	106.5	<0.002	0.61	15.30	9.0	1	3.3	89.8	0.46	0.18	14.3	0.178	2.05	3.4
N828401		14.8	51.9	<0.002	0.11	22.3	10.6	1	2.9	137.0	0.58	<0.05	11.1	0.216	1.27	2.5
N828402		10.9	86.9	<0.002	0.22	5.49	10.1	1	3.2	204	0.53	0.05	11.8	0.200	1.47	3.2
N828403		56.8	166.5	<0.002	1.39	8.11	9.0	1	5.2	74.2	0.52	0.14	12.4	0.196	2.42	2.6
N828404		9080	128.0	<0.002	6.79	202	7.2	2	8.9	122.0	0.40	0.47	7.9	0.170	1.97	4.7
N828405		1535	186.0	<0.002	3.26	17.05	8.9	1	6.8	63.6	0.47	0.26	11.7	0.165	2.44	2.9
N828406		59.8	135.5	<0.002	0.24	14.70	9.1	1	3.0	102.5	0.43	0.06	11.3	0.158	2.19	2.4
N828407		589	103.5	0.004	5.40	78.3	5.5	1	5.2	48.2	0.27	0.39	6.9	0.110	1.36	6.7
N828408		781	150.5	<0.002	1.65	48.8	7.7	1	5.7	58.5	0.33	0.21	8.9	0.144	2.24	5.5
N828409		5920	151.5	<0.002	5.67	27.7	6.9	2	13.2	120.0	0.40	0.31	8.3	0.145	2.29	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12140559

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828374		67	1.0	11.4	102	25.4			
N828375		54	4.6	9.2	>10000	33.0	116		1.615
N828376		52	3.1	7.8	595	18.9			
N828377		72	2.4	9.6	631	20.7			
N828378		68	1.4	10.6	631	20.3			
N828379		65	1.3	9.6	841	20.3			
N828380		68	1.8	13.9	89	26.2			
N828381		66	1.0	14.1	55	26.1			
N828382		68	0.9	14.5	52	31.5			
N828383		68	3.3	16.0	136	30.1			
N828384		59	5.3	11.2	3060	39.1			
N828385		71	1.8	13.7	57	30.3			
N828386		62	3.7	12.0	1160	29.7			
N828387		63	3.9	12.0	1320	29.7			
N828388		67	1.8	13.7	49	33.7			
N828389		64	4.8	11.7	810	29.7			
N828390		44	5.6	7.8	4210	16.9		1.750	
N828391		2	0.1	0.8	24	<0.5			
N828392		67	2.8	11.4	697	21.6			
N828393		70	0.8	11.4	76	21.2			
N828394		67	2.7	9.2	1200	20.7			
N828395		60	4.3	6.5	1830	16.0			
N828396		2	0.1	0.8	23	<0.5			
N828397		62	1.0	9.3	121	21.6			
N828398		62	1.0	11.6	258	24.2			
N828399		50	2.2	10.4	452	25.0			
N828400		52	1.9	10.4	232	22.9			
N828401		58	2.1	13.9	60	24.5			
N828402		76	1.6	13.8	54	26.2			
N828403		66	2.4	11.2	382	23.9			
N828404		52	4.3	9.1	>10000	29.0	117		1.580
N828405		59	4.1	9.2	3660	26.4			
N828406		50	1.5	10.9	306	20.7			
N828407		39	2.9	7.4	1720	13.1			
N828408		51	2.5	9.7	4310	16.0			
N828409		52	5.3	8.4	8570	17.0			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-67

Finalized Date: 7-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12140559

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE WH12142070

Project: Klaza - 67

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

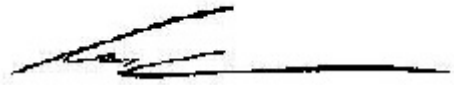
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12142070

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828338		11.92	<0.005	0.12	6.76	9.0	2050	1.39	0.16	2.13	0.20	44.8	5.7	11	14.60	3.4
N828339		4.59	0.006	0.18	7.06	7.7	2070	1.22	0.27	2.57	0.25	43.3	4.6	10	10.05	6.2
N828340		<0.02	<0.005	0.21	7.18	7.2	2130	1.29	0.27	2.61	0.22	46.1	4.9	11	10.10	6.1
N828341		6.78	<0.005	0.16	7.18	8.5	2540	1.36	0.26	2.47	0.18	49.0	4.4	12	9.65	5.0
N828342		4.89	0.039	0.87	6.96	52.6	1810	1.29	0.54	1.96	0.98	52.2	4.6	9	13.00	5.9
N828343		5.89	0.074	1.59	7.17	83.9	1660	1.34	1.99	2.20	7.27	63.7	3.4	9	17.10	24.6
N828344		5.08	0.047	0.28	6.56	36.1	1860	1.23	0.27	2.72	1.28	55.9	3.9	9	11.75	6.2
N828345		0.25	0.790	9.09	6.24	1800	180	1.26	6.46	1.83	40.5	42.4	16.3	21	17.05	105.0
N828346		5.00	<0.005	0.13	6.95	11.2	2360	1.28	0.23	2.62	0.18	53.0	4.1	11	13.30	5.9
N828347		2.86	0.233	1.31	6.81	155.0	1740	1.24	1.80	1.64	5.20	80.7	4.5	8	10.30	21.0
N828348		9.15	0.070	1.54	6.90	114.5	1290	1.38	1.49	1.89	16.15	70.4	5.3	11	10.20	73.1
N828349		8.74	0.118	0.28	6.70	463	1760	1.35	0.27	2.04	1.00	41.6	4.9	9	13.25	7.5
N828350		4.51	0.237	3.56	6.69	189.0	310	1.26	3.37	1.75	19.75	54.9	4.0	11	14.25	48.6
N828351		8.45	0.026	0.70	7.23	24.0	2010	1.31	0.68	1.71	5.71	53.8	4.0	11	15.75	16.3
N828352		10.10	0.008	0.26	7.23	17.0	1690	1.24	0.21	2.04	0.54	51.5	4.7	10	15.75	2.9
N828353		12.66	<0.005	0.24	7.11	12.8	2250	1.37	0.45	2.60	0.40	53.2	3.8	11	12.25	6.5
N828354		8.53	0.040	1.06	6.90	40.3	1730	1.33	1.73	2.75	2.06	61.3	4.3	9	9.25	24.8
N828355		7.02	<0.005	0.18	7.04	5.9	1660	1.24	0.22	2.61	0.19	56.3	5.5	10	9.85	3.2
N828356		0.23	0.757	9.14	6.25	1810	230	1.26	6.33	1.83	40.5	43.5	16.1	20	16.85	102.0
N828357		6.45	<0.005	0.17	6.97	11.0	1430	1.26	0.29	3.32	0.20	52.3	4.4	10	8.98	5.3
N828358		11.78	0.007	0.28	6.50	22.4	1060	1.39	0.47	3.68	1.49	72.4	5.8	10	15.30	12.8
N828359		8.89	0.012	0.25	6.11	15.9	1240	1.18	0.41	5.23	0.15	64.2	4.5	8	10.00	4.3
N828360		9.29	0.009	0.45	6.27	23.6	760	1.19	0.86	2.31	1.96	47.8	6.2	9	9.53	4.8
N828361		3.88	0.305	2.19	5.84	422	540	1.09	2.66	1.91	30.6	36.6	9.4	9	8.22	47.5
N828362		2.44	<0.005	0.01	0.06	<5	20	<0.05	0.02	20.5	0.09	1.19	1.3	1	0.12	1.5
N828363		11.47	<0.005	0.17	6.78	14.2	940	1.36	0.26	2.19	0.23	43.0	4.2	9	8.97	8.9
N828364		11.93	<0.005	0.13	7.80	12.6	1830	1.19	0.16	1.53	0.13	38.2	3.3	9	12.15	3.6
N828365		5.82	<0.005	0.11	7.63	10.0	1130	1.11	0.14	0.60	0.10	50.7	4.0	8	9.75	14.3
N828366		2.80	<0.005	0.12	7.93	10.7	1110	1.20	0.14	0.69	0.10	55.0	4.2	8	10.40	2.2
N828367		5.33	<0.005	0.08	7.53	9.0	1120	1.10	0.18	1.05	0.12	45.3	3.3	8	9.95	2.4
N828368		4.57	<0.005	0.10	7.36	5.5	1310	1.54	0.17	2.62	0.10	46.9	4.3	8	15.05	3.5
N828369		9.33	<0.005	0.09	6.77	6.4	650	1.44	0.23	3.36	0.10	44.5	2.4	18	9.01	7.4
N828370		3.40	<0.005	0.41	6.46	11.2	490	1.42	1.17	3.21	0.11	30.3	7.8	8	13.80	4.0
N828371		3.30	0.005	0.49	6.79	9.4	1920	1.46	1.10	1.68	0.27	27.2	6.9	7	7.72	16.6
N828372		8.89	<0.005	0.33	7.48	13.4	830	1.49	0.55	1.39	0.78	36.0	2.5	9	10.10	36.9
N828373		2.84	<0.005	0.01	0.09	<5	20	0.06	0.03	20.8	0.05	1.31	1.4	1	0.20	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12142070

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828338		2.66	15.85	0.10	1.1	0.033	2.71	22.9	29.9	0.67	396	2.20	2.05	8.7	2.9	540
N828339		2.90	15.30	0.11	1.0	0.038	2.92	22.9	22.3	0.75	491	0.93	1.47	8.1	2.5	540
N828340		2.90	15.50	0.10	1.0	0.036	2.93	24.5	23.0	0.76	481	0.80	1.45	8.0	2.8	560
N828341		2.99	15.45	0.12	1.0	0.037	2.92	26.6	13.5	0.73	467	0.96	1.99	8.0	2.6	560
N828342		3.30	15.55	0.11	1.0	0.090	3.13	27.7	23.5	0.71	978	0.79	0.25	7.4	2.5	570
N828343		3.88	16.60	0.16	1.0	0.165	2.98	36.7	40.4	0.92	1360	1.60	0.06	7.5	3.5	540
N828344		2.90	16.10	0.16	1.0	0.081	2.99	29.0	17.0	0.87	1090	0.90	0.26	6.6	2.6	520
N828345		5.13	15.25	0.17	1.2	0.915	2.71	21.5	22.7	0.65	1900	12.40	0.26	7.7	15.0	480
N828346		2.88	16.45	0.17	0.9	0.048	2.94	25.3	22.8	0.72	532	0.62	0.68	6.8	2.4	560
N828347		4.44	16.15	0.19	0.9	0.189	3.08	45.2	26.3	0.81	1370	1.05	0.05	6.0	2.2	530
N828348		4.10	15.95	0.19	0.8	0.367	3.34	36.9	12.7	0.85	1870	2.09	0.04	5.8	2.7	540
N828349		2.68	15.70	0.16	1.0	0.083	2.81	19.2	72.7	0.69	1100	1.09	0.06	7.2	2.9	550
N828350		5.59	14.75	0.19	0.8	0.412	2.40	30.2	52.3	0.83	1570	1.06	0.03	6.7	2.6	500
N828351		3.32	16.45	0.17	1.0	0.101	2.82	27.1	57.3	0.59	653	4.94	0.59	8.3	2.4	580
N828352		2.98	16.10	0.19	1.0	0.065	2.69	25.9	46.4	0.64	690	0.89	0.57	8.2	2.6	600
N828353		2.90	16.25	0.19	1.1	0.053	3.08	25.4	14.5	0.61	663	0.98	1.48	8.4	2.6	570
N828354		3.07	15.70	0.19	0.9	0.105	2.64	28.6	16.4	0.60	779	0.92	0.85	6.6	2.9	550
N828355		2.79	15.55	0.18	1.1	0.047	2.25	26.1	17.8	0.69	432	0.55	1.42	7.6	2.9	570
N828356		5.12	14.45	0.19	1.2	0.902	2.66	22.4	22.6	0.65	1900	12.90	0.25	7.8	14.6	480
N828357		2.83	16.05	0.18	1.1	0.064	2.00	23.0	21.9	0.64	599	0.67	1.08	7.5	2.4	560
N828358		2.58	15.35	0.18	0.9	0.078	1.89	34.0	24.3	0.74	915	1.92	0.23	7.1	3.1	540
N828359		2.22	13.95	0.19	0.8	0.079	1.95	30.8	21.2	0.72	1140	2.57	0.09	5.8	2.3	490
N828360		3.04	14.65	0.18	0.9	0.144	2.41	19.1	20.1	0.61	1400	0.78	0.08	6.4	2.9	530
N828361		4.44	14.40	0.18	0.8	1.365	2.88	14.7	11.1	0.46	1940	1.74	0.05	6.0	3.0	480
N828362		0.45	0.25	0.12	<0.1	0.006	0.02	0.6	0.8	12.20	202	0.08	<0.01	0.2	3.1	150
N828363		2.81	17.00	0.16	1.1	0.081	2.04	17.7	33.8	0.57	803	0.70	0.13	7.7	2.6	560
N828364		2.74	18.85	0.19	1.3	0.053	2.10	17.1	41.1	0.40	420	1.32	0.08	9.5	2.3	650
N828365		2.66	16.25	0.17	1.2	0.038	1.63	26.4	43.9	0.31	520	0.83	0.05	8.5	2.2	600
N828366		2.73	17.30	0.18	1.2	0.039	1.67	28.3	47.9	0.33	531	0.83	0.05	9.4	2.5	660
N828367		2.47	16.35	0.18	1.1	0.047	1.71	21.8	41.0	0.35	483	0.55	0.07	8.8	2.1	620
N828368		2.93	16.35	0.20	1.2	0.059	1.84	21.8	20.7	0.59	407	0.77	1.67	9.1	2.7	610
N828369		1.53	16.05	0.17	1.1	0.120	1.09	19.0	22.6	0.49	496	0.35	1.34	8.5	2.3	570
N828370		1.76	16.95	0.17	1.0	0.173	1.21	10.0	33.6	0.46	592	0.98	0.29	8.2	2.9	570
N828371		1.90	15.95	0.15	1.0	0.234	1.43	9.7	36.0	0.50	687	1.17	0.11	7.0	2.1	600
N828372		1.72	16.10	0.18	1.0	0.161	2.19	12.6	23.7	0.52	950	0.37	0.13	7.4	2.0	590
N828373		0.46	0.35	0.20	<0.1	<0.005	0.02	0.6	0.9	12.35	205	0.13	0.01	0.3	3.3	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12142070

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828338		21.6	105.0	<0.002	0.08	3.15	9.1	1	1.6	295	0.76	<0.05	11.9	0.230	1.23	4.2
N828339		24.8	99.8	<0.002	0.10	3.64	8.7	1	1.3	254	0.69	<0.05	10.9	0.233	1.22	3.2
N828340		25.9	102.0	<0.002	0.10	3.67	9.2	1	1.3	259	0.68	<0.05	11.8	0.234	1.22	3.3
N828341		21.0	101.0	0.002	0.09	3.34	8.9	1	1.3	349	0.69	<0.05	11.6	0.232	1.14	4.2
N828342		56.5	149.5	<0.002	0.63	10.75	9.0	1	2.0	105.5	0.65	<0.05	11.6	0.214	2.28	5.4
N828343		340	165.5	<0.002	0.95	10.60	10.0	1	3.0	114.0	0.60	<0.05	15.0	0.222	2.35	6.2
N828344		61.3	130.5	<0.002	0.40	5.45	9.9	1	2.0	109.0	0.51	<0.05	12.6	0.194	2.15	6.6
N828345		1275	147.5	0.002	2.98	33.8	8.3	1	5.9	147.5	0.57	0.29	11.3	0.199	2.36	5.3
N828346		15.0	115.0	<0.002	0.14	6.42	10.0	1	1.4	158.0	0.52	<0.05	11.5	0.202	1.63	6.0
N828347		162.0	173.5	<0.002	1.39	8.55	9.5	1	3.3	61.1	0.45	0.09	14.0	0.172	2.50	5.5
N828348		197.5	185.0	<0.002	0.95	25.7	9.8	1	3.2	65.4	0.43	0.11	12.9	0.167	2.87	5.4
N828349		39.7	120.0	<0.002	0.36	20.5	9.5	1	1.8	100.5	0.57	<0.05	11.9	0.221	1.98	5.7
N828350		754	145.0	<0.002	2.51	18.85	9.2	1	5.1	89.1	0.49	<0.05	12.6	0.206	2.24	5.7
N828351		136.0	116.5	<0.002	0.25	19.25	10.4	1	2.1	159.0	0.59	<0.05	13.3	0.248	1.56	4.2
N828352		81.7	111.0	<0.002	0.17	17.15	10.5	1	1.6	163.0	0.60	<0.05	13.4	0.242	1.49	5.0
N828353		24.5	121.5	<0.002	0.21	5.58	10.0	1	1.9	277	0.61	<0.05	12.5	0.238	1.60	5.2
N828354		85.1	124.0	<0.002	0.66	15.95	10.4	1	2.0	148.5	0.50	0.07	13.1	0.194	1.64	7.2
N828355		17.8	88.0	<0.002	0.15	5.15	10.3	1	1.6	198.0	0.58	<0.05	14.2	0.216	1.06	4.3
N828356		1265	148.0	0.002	2.96	33.0	8.2	1	5.8	147.0	0.58	0.28	11.5	0.197	2.34	5.3
N828357		13.8	81.1	<0.002	0.24	5.03	10.4	1	2.1	179.5	0.57	0.05	12.2	0.209	1.08	4.4
N828358		37.0	80.2	<0.002	0.49	10.85	9.4	1	2.2	134.0	0.54	0.09	12.4	0.202	1.61	5.3
N828359		15.5	105.0	<0.002	0.60	16.80	8.7	1	2.3	179.5	0.45	0.11	11.6	0.177	1.72	4.2
N828360		59.2	128.0	<0.002	0.90	18.60	9.0	1	2.6	67.2	0.47	0.22	11.4	0.192	2.21	5.7
N828361		145.0	154.0	<0.002	3.09	16.45	8.5	1	4.9	55.5	0.42	0.22	10.4	0.173	2.64	4.7
N828362		1.3	1.3	<0.002	0.01	0.08	0.2	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828363		14.5	104.0	<0.002	0.20	15.70	9.3	1	2.3	73.7	0.61	<0.05	11.8	0.223	1.81	4.5
N828364		16.2	87.5	<0.002	0.06	20.0	11.4	1	2.2	88.6	0.73	<0.05	12.7	0.282	1.07	3.1
N828365		11.1	81.7	<0.002	0.07	32.6	10.8	1	1.9	64.0	0.63	<0.05	15.1	0.250	0.91	4.1
N828366		11.6	85.0	<0.002	0.08	34.1	11.9	1	2.1	69.7	0.68	<0.05	15.9	0.273	0.98	7.2
N828367		12.1	78.0	<0.002	0.08	28.7	10.9	1	2.0	76.1	0.66	<0.05	13.9	0.247	0.89	2.6
N828368		15.4	69.8	<0.002	0.06	5.24	10.6	1	2.6	276	0.68	<0.05	13.4	0.256	0.84	5.0
N828369		8.6	40.4	<0.002	0.12	4.75	9.4	1	2.7	227	0.67	0.05	11.4	0.241	1.05	4.1
N828370		9.2	44.5	<0.002	0.59	10.60	10.1	1	2.7	124.0	0.62	0.27	10.8	0.235	1.44	3.7
N828371		15.1	68.0	<0.002	0.78	16.00	10.7	1	2.5	80.7	0.55	0.18	12.7	0.215	1.61	2.3
N828372		33.5	118.0	<0.002	0.30	23.7	10.6	1	2.3	68.5	0.58	0.11	14.9	0.223	2.30	4.5
N828373		1.2	1.4	<0.002	0.02	0.10	0.2	1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12142070

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828338		65	2.1	14.4	47	30.4
N828339		69	1.7	13.6	59	27.3
N828340		68	1.7	14.1	59	27.3
N828341		68	1.0	14.2	54	26.8
N828342		67	3.3	12.9	127	27.2
N828343		63	3.0	13.3	611	28.6
N828344		61	2.0	12.3	154	28.5
N828345		58	5.0	10.8	2920	39.6
N828346		66	1.3	13.9	58	26.0
N828347		62	3.7	10.8	485	25.3
N828348		63	2.6	11.9	1100	24.8
N828349		69	2.8	12.1	122	28.2
N828350		60	4.6	11.3	1560	23.5
N828351		70	2.4	14.5	462	30.3
N828352		70	3.0	15.2	84	31.0
N828353		68	1.4	15.0	75	30.8
N828354		70	1.4	13.4	210	27.0
N828355		65	1.3	14.8	59	30.5
N828356		57	5.0	10.9	2910	39.3
N828357		69	1.4	14.4	61	31.0
N828358		66	3.3	13.4	130	27.8
N828359		60	1.3	16.0	54	24.1
N828360		65	2.1	11.8	200	25.8
N828361		57	4.5	8.9	2300	24.7
N828362		2	0.1	0.7	17	<0.5
N828363		70	1.9	13.0	50	30.7
N828364		79	6.1	13.4	37	38.3
N828365		66	3.9	14.7	52	34.5
N828366		73	5.1	15.9	40	36.8
N828367		67	4.5	14.2	36	34.1
N828368		75	1.5	15.1	37	35.3
N828369		69	0.8	13.0	42	32.4
N828370		75	1.2	13.8	47	28.3
N828371		91	1.6	13.8	58	31.1
N828372		71	1.9	13.1	86	30.7
N828373		2	0.2	0.8	16	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza - 67

CERTIFICATE OF ANALYSIS WH12142070

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE WH12142071

Project: Klaza-68

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

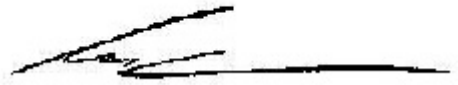
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12142071

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829158		2.79	0.010	1.12	8.02	25.3	1310	1.75	0.87	0.89	4.45	72.5	3.5	12	13.80	16.1
N829159		8.11	<0.005	0.17	6.06	11.3	1950	1.85	0.12	2.50	0.79	31.5	5.2	21	27.3	12.6
N829160		10.56	<0.005	0.13	6.76	6.5	1280	1.83	0.03	2.54	0.16	40.2	5.1	13	26.4	8.0
N829161		4.01	<0.005	0.07	6.18	8.5	1290	1.66	0.04	3.20	0.11	44.1	6.5	11	24.1	6.5
N829162		13.69	<0.005	0.04	7.33	8.6	1230	1.99	0.02	3.35	0.08	48.9	4.7	13	24.7	8.0
N829163		11.21	<0.005	0.10	7.27	12.7	1800	1.84	0.02	2.71	0.05	53.9	5.2	13	23.1	7.9
N829164		4.62	<0.005	0.05	7.39	9.7	1530	1.50	0.04	2.36	0.06	50.6	4.4	8	22.2	9.5
N829165		1.81	<0.005	0.04	6.95	9.7	1550	1.37	0.03	2.78	0.06	45.8	4.4	9	20.3	11.1
N829166		8.50	<0.005	0.12	7.22	18.7	1480	1.64	0.08	3.26	0.13	53.9	5.7	21	13.50	10.4
N829167		3.91	0.012	0.72	6.22	28.4	520	1.35	0.54	1.56	0.71	51.4	5.4	23	16.40	22.1
N829168		0.32	2.06	24.7	6.03	3680	740	1.18	20.2	2.18	77.1	46.2	10.5	18	13.45	445
N829169		5.00	0.186	3.04	7.72	65.1	1440	1.75	3.26	2.15	10.30	74.5	8.4	11	15.85	65.4
N829170		4.49	0.038	1.16	8.04	47.7	1350	1.63	0.94	1.15	12.85	61.3	3.4	8	12.90	30.0
N829171		4.27	0.788	41.5	6.77	547	670	1.22	67.3	0.93	70.8	57.0	6.7	9	6.91	749
N829172		3.19	<0.005	0.07	0.12	<5	30	0.08	0.07	21.3	0.14	1.56	0.6	<1	0.39	1.9
N829173		10.47	0.007	0.55	7.62	31.1	1800	1.64	0.87	1.55	3.25	67.1	4.4	7	12.45	9.1
N829174		8.64	0.011	0.41	7.64	17.7	1970	1.49	0.60	2.10	3.10	46.2	4.8	8	18.00	6.5
N829175		5.61	0.046	1.77	7.58	77.0	1380	1.51	1.34	2.00	21.4	60.2	4.7	7	17.40	26.0
N829176		7.02	0.007	1.18	7.65	16.5	1980	1.68	0.24	2.10	1.29	43.1	5.7	8	22.1	7.2
N829177		12.52	<0.005	0.12	8.04	8.8	2490	1.54	0.17	2.57	0.17	48.8	5.1	13	11.50	2.9
N829178		4.86	0.411	5.36	7.78	549	360	1.39	4.60	1.01	38.8	63.3	3.4	9	10.40	113.0
N829179		10.91	<0.005	0.32	8.16	22.6	2280	1.37	0.29	2.13	2.36	51.2	3.9	10	17.00	7.6
N829180		7.99	<0.005	0.24	7.50	24.0	1980	1.52	0.26	2.14	0.41	54.6	4.4	11	16.60	4.0
N829181		<0.02	<0.005	0.20	7.47	22.6	2010	1.41	0.21	2.18	0.39	49.1	4.4	10	16.35	4.7
N829182		4.02	<0.005	0.12	7.40	19.5	1780	1.33	0.21	2.42	0.81	58.1	3.1	9	15.05	2.4
N829183		13.41	<0.005	0.19	7.33	11.9	2610	1.37	0.17	2.58	0.14	47.0	3.9	12	17.90	4.2
N829184		13.05	<0.005	0.16	7.29	11.2	2290	1.30	0.19	2.15	0.25	47.2	4.6	12	14.40	3.8
N829185		6.98	<0.005	0.13	7.48	12.2	2030	1.36	0.18	2.72	0.21	53.7	4.4	11	12.55	3.7
N829186		0.29	0.760	9.66	6.66	1740	700	1.24	5.37	1.84	39.1	45.5	16.6	22	16.20	108.0
N829187		7.45	0.008	0.45	7.09	20.5	1240	1.42	0.27	2.95	6.50	52.8	5.8	11	11.70	10.2
N829188		4.61	0.070	3.36	6.94	124.0	520	1.30	2.81	0.33	50.4	66.5	3.7	11	9.20	37.8
N829189		4.75	5.19	34.0	7.20	1900	460	1.49	40.4	0.90	58.5	60.3	5.3	9	15.10	556
N829190		3.98	<0.005	0.08	0.09	<5	20	0.07	0.09	23.6	0.14	1.33	0.7	<1	0.17	2.0
N829191		6.55	0.061	1.07	8.99	259	1390	1.48	0.74	2.49	10.45	111.0	4.8	10	13.30	13.6
N829192		13.83	0.052	0.66	7.58	453	1780	1.49	0.58	3.33	11.35	60.1	2.9	9	8.32	7.3
N829193		4.62	0.007	0.29	7.39	53.7	1650	1.39	0.34	4.63	0.32	73.9	4.2	9	7.70	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12142071

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829158		3.31	16.50	0.15	1.1	0.288	3.09	45.4	19.2	0.39	2470	1.64	0.25	6.9	3.2	590
N829159		2.36	18.85	0.15	2.6	0.027	2.68	15.5	37.0	0.24	628	0.82	0.05	9.2	11.4	740
N829160		2.44	18.05	0.16	1.8	0.031	2.69	18.0	27.2	0.45	700	0.35	0.05	8.7	6.0	830
N829161		2.07	15.65	0.17	1.5	0.021	2.26	19.9	36.5	0.54	687	0.29	0.04	7.8	6.5	760
N829162		2.35	18.35	0.15	1.8	0.025	2.66	23.7	31.0	0.86	629	0.37	0.06	8.7	5.8	880
N829163		2.26	18.15	0.15	1.8	0.031	2.78	25.2	22.0	0.79	579	0.73	0.06	8.9	6.1	860
N829164		2.19	16.35	0.14	1.3	0.022	2.14	24.9	166.5	0.69	512	2.10	0.08	8.7	5.0	560
N829165		2.27	16.00	0.16	1.4	0.026	2.21	22.5	186.5	0.79	557	1.65	0.10	8.7	5.8	620
N829166		2.21	18.15	0.13	3.0	0.023	1.48	27.4	314	0.99	641	1.34	0.09	8.7	14.9	630
N829167		1.87	14.30	0.13	3.4	0.043	1.51	27.4	180.0	0.59	658	4.87	0.06	7.4	14.2	420
N829168		6.51	13.15	0.13	0.9	1.565	2.70	24.4	25.4	0.89	1890	11.75	0.04	5.5	15.4	440
N829169		4.17	16.45	0.12	1.6	0.260	2.70	47.0	88.6	1.06	2480	9.77	0.06	7.3	10.2	570
N829170		4.05	15.80	0.14	1.2	0.568	2.83	37.0	109.0	0.79	2440	3.95	0.06	6.7	2.9	600
N829171		7.07	15.50	0.10	1.4	1.380	2.67	31.8	76.6	0.61	1840	3.83	0.04	6.0	4.9	500
N829172		0.50	0.30	0.14	<0.1	0.006	0.05	0.8	2.3	12.70	227	0.09	<0.01	0.2	2.2	180
N829173		3.51	15.65	0.18	1.1	0.142	2.85	39.4	42.1	0.64	1090	3.97	0.06	6.6	2.8	570
N829174		3.93	15.55	0.12	1.2	0.095	3.08	25.2	54.9	0.73	1050	1.94	0.38	7.3	2.7	610
N829175		4.52	14.80	0.09	1.1	0.304	2.36	33.8	56.2	0.81	1980	1.26	0.04	6.6	3.1	580
N829176		3.28	16.50	0.13	1.0	0.086	2.83	21.8	39.1	0.64	889	1.26	0.69	7.9	3.1	610
N829177		3.24	15.25	0.15	1.2	0.028	2.79	25.7	13.3	0.77	504	1.75	2.36	7.5	3.0	600
N829178		5.99	15.70	0.11	1.1	0.920	3.50	34.0	8.8	0.63	1760	2.90	0.05	6.4	2.8	580
N829179		3.53	15.20	0.14	1.0	0.062	3.02	25.8	29.5	0.72	788	1.75	0.66	7.6	2.5	680
N829180		3.31	16.05	0.09	1.0	0.034	2.76	25.3	32.4	0.76	673	2.41	0.49	7.4	3.1	620
N829181		3.34	16.50	0.08	1.0	0.037	2.78	22.3	31.8	0.76	676	2.71	0.51	7.5	3.2	630
N829182		3.00	15.15	0.08	0.9	0.045	3.03	27.5	37.3	0.82	829	3.68	0.05	6.9	2.9	590
N829183		2.78	16.85	0.06	1.0	0.038	2.93	24.1	15.9	0.64	547	1.54	1.81	7.2	2.6	590
N829184		2.72	16.80	0.09	1.1	0.038	2.78	23.5	15.8	0.61	486	1.34	1.57	7.3	2.8	580
N829185		2.76	16.05	0.09	1.2	0.041	2.64	28.0	8.5	0.73	525	1.28	2.00	7.2	2.5	570
N829186		5.17	15.10	0.15	1.3	1.000	2.75	24.2	23.1	0.67	1980	11.90	0.25	7.1	15.9	490
N829187		2.68	16.25	0.10	1.0	0.127	2.43	29.5	10.5	0.67	1020	1.65	1.18	6.5	3.5	550
N829188		4.78	17.00	0.14	0.9	1.315	3.17	38.9	5.0	0.44	3970	0.96	0.04	6.0	2.4	530
N829189		6.89	15.95	0.11	0.8	1.530	3.03	28.1	18.8	0.51	1780	3.94	0.03	6.4	3.0	540
N829190		0.53	0.21	<0.05	<0.1	<0.005	0.03	0.6	1.2	14.55	235	0.18	0.01	0.2	2.0	190
N829191		3.67	18.20	0.16	1.2	0.217	3.69	68.1	96.8	1.04	1800	3.93	0.10	7.1	2.8	680
N829192		2.82	18.00	0.13	1.1	0.328	3.37	28.2	64.5	1.11	1750	1.05	0.12	6.2	2.0	630
N829193		2.73	18.60	0.11	1.1	0.154	2.83	36.0	69.3	1.54	1510	9.47	0.14	6.7	2.5	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12142071

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829158		195.0	194.0	<0.002	0.36	9.05	10.2	<1	3.0	84.2	0.57	0.10	14.8	0.210	2.98	5.2
N829159		20.4	103.5	0.002	0.06	12.50	4.8	1	1.5	120.5	0.75	<0.05	5.9	0.263	1.36	3.1
N829160		19.2	95.9	<0.002	0.03	12.55	5.1	1	1.2	110.5	0.71	<0.05	6.5	0.275	1.31	4.0
N829161		26.1	78.0	<0.002	0.04	31.3	4.8	<1	1.2	133.0	0.57	<0.05	6.3	0.242	1.11	4.8
N829162		19.5	86.2	<0.002	0.02	10.60	5.5	1	1.3	201	0.69	<0.05	7.7	0.274	1.34	4.1
N829163		16.2	92.6	<0.002	0.11	4.78	5.6	1	1.4	213	0.68	<0.05	8.3	0.277	1.43	4.8
N829164		9.1	79.7	0.002	0.04	9.95	5.5	1	1.4	177.0	0.57	<0.05	9.7	0.238	1.17	2.5
N829165		10.3	80.4	<0.002	0.04	7.57	5.6	1	1.4	218	0.59	<0.05	8.6	0.248	1.30	2.5
N829166		19.6	52.7	<0.002	0.15	7.86	5.8	1	1.4	504	0.72	<0.05	9.5	0.252	1.14	7.9
N829167		44.7	65.2	0.003	0.21	21.6	5.0	<1	1.8	339	0.60	<0.05	9.7	0.213	1.03	7.7
N829168		2660	162.5	<0.002	4.76	85.2	7.5	<1	7.1	91.6	0.45	0.37	10.4	0.182	2.42	5.3
N829169		239	161.0	0.002	0.75	19.70	9.6	<1	4.1	256	0.63	0.08	13.9	0.223	2.56	6.5
N829170		278	172.5	0.002	0.58	6.73	10.1	1	3.9	119.5	0.59	<0.05	14.5	0.218	2.55	4.9
N829171		1520	176.0	0.002	5.25	139.0	7.8	<1	7.3	82.2	0.54	0.74	12.2	0.188	2.80	4.2
N829172		3.1	2.6	<0.002	0.02	0.19	0.2	<1	0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829173		99.4	151.5	<0.002	0.76	11.20	10.0	<1	2.4	87.6	0.59	0.14	14.4	0.203	2.37	7.3
N829174		75.5	127.0	<0.002	0.19	7.72	9.7	1	2.2	194.0	0.65	<0.05	12.4	0.243	1.88	3.8
N829175		470	137.5	<0.002	1.17	17.80	9.6	1	3.5	139.0	0.55	0.05	12.7	0.221	2.00	7.0
N829176		79.7	112.0	<0.002	0.14	11.15	9.5	<1	2.1	181.0	0.62	<0.05	9.9	0.255	1.60	2.7
N829177		18.5	117.0	<0.002	0.04	2.61	10.4	1	1.6	407	0.63	<0.05	12.2	0.257	1.30	3.7
N829178		660	221	<0.002	3.76	19.90	10.3	1	8.6	29.9	0.50	0.08	12.4	0.215	3.03	5.1
N829179		67.9	124.5	<0.002	0.23	8.06	10.3	1	2.1	169.0	0.62	<0.05	11.8	0.269	1.73	4.6
N829180		19.8	100.5	0.002	0.29	8.29	11.0	1	1.8	163.0	0.58	<0.05	11.1	0.254	1.74	4.9
N829181		18.3	96.1	0.002	0.28	8.44	11.0	1	2.0	165.5	0.58	<0.05	10.2	0.255	1.73	4.4
N829182		13.1	118.5	<0.002	0.13	9.05	10.7	1	1.9	82.0	0.52	0.07	10.8	0.247	2.03	5.7
N829183		18.4	102.5	<0.002	0.05	5.15	9.5	1	1.7	325	0.55	<0.05	10.8	0.244	1.31	3.7
N829184		17.4	105.5	<0.002	0.06	5.11	9.6	1	1.7	270	0.56	<0.05	11.0	0.236	1.18	3.1
N829185		15.6	119.0	<0.002	0.11	2.19	9.7	1	1.7	335	0.56	<0.05	12.6	0.234	1.34	3.8
N829186		1315	160.5	0.002	3.09	32.8	8.3	1	5.7	147.5	0.57	0.37	11.8	0.198	2.33	5.2
N829187		177.5	132.0	<0.002	0.35	2.90	9.8	1	2.2	224	0.52	<0.05	12.2	0.200	1.96	4.3
N829188		966	213	<0.002	2.40	8.38	9.7	1	5.8	11.9	0.50	<0.05	14.8	0.188	3.14	4.9
N829189		1525	189.5	<0.002	6.06	125.0	11.0	1	9.8	96.9	0.42	0.30	12.3	0.221	3.01	4.0
N829190		3.8	1.5	<0.002	0.02	0.15	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N829191		437	204	0.002	1.22	10.50	11.9	1	2.9	90.0	0.63	0.06	15.8	0.241	3.82	4.5
N829192		211	132.5	<0.002	0.62	8.34	10.7	1	2.5	105.5	0.57	0.06	12.0	0.211	3.68	4.0
N829193		93.0	103.5	0.007	0.67	4.14	11.4	1	2.8	125.0	0.55	0.06	11.4	0.220	3.01	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12142071

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829158		68	3.9	13.9	379	25.7
N829159		53	2.3	8.0	118	76.5
N829160		52	2.2	9.5	75	43.7
N829161		47	2.4	11.2	66	38.4
N829162		51	2.1	11.4	62	41.9
N829163		51	5.1	12.0	62	46.1
N829164		47	2.1	10.6	50	32.2
N829165		49	2.2	11.4	54	35.2
N829166		49	2.3	12.5	62	97.5
N829167		43	3.2	11.5	100	121.0
N829168		58	4.9	9.8	5330	22.3
N829169		66	5.0	14.7	879	44.8
N829170		66	5.6	13.0	1100	27.6
N829171		52	6.8	8.6	5480	38.3
N829172		3	0.1	1.0	23	<0.5
N829173		65	2.1	15.3	385	27.0
N829174		69	3.3	13.8	282	26.4
N829175		61	5.4	14.3	1670	24.3
N829176		71	1.9	13.7	138	26.2
N829177		70	1.0	16.3	48	29.0
N829178		68	5.2	9.2	3070	24.6
N829179		75	2.0	14.6	300	23.9
N829180		69	3.4	13.9	83	31.2
N829181		70	3.2	13.7	79	30.8
N829182		72	2.1	16.0	191	28.5
N829183		68	1.2	14.3	67	26.7
N829184		66	1.8	14.8	79	27.6
N829185		65	0.9	15.0	76	29.0
N829186		56	4.9	11.5	2960	37.2
N829187		64	1.2	14.0	542	25.4
N829188		62	5.1	8.2	3570	23.5
N829189		69	7.7	10.7	4070	29.4
N829190		3	0.1	0.8	25	<0.5
N829191		85	3.3	13.9	819	36.5
N829192		78	2.2	11.7	819	32.7
N829193		79	1.6	12.9	91	32.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-68

Finalized Date: 8-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12142071

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
This copy reported on 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144362

Project: Klaza TR-12-8

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

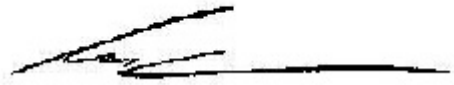
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144362

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829916		1.90	0.085	0.77	7.40	51.5	1160	1.45	1.63	0.23	0.37	64.6	3.3	10	17.50	85.3
N829917		2.93	0.091	0.87	7.20	71.2	1260	1.48	1.49	0.21	0.36	68.7	2.9	11	17.05	83.1
N829918		3.27	0.054	0.60	7.42	48.3	940	1.54	1.80	0.13	0.25	65.4	3.4	11	17.50	80.3
N829919		2.80	0.056	0.43	7.35	29.3	1850	1.65	1.05	0.44	0.36	44.4	3.7	13	13.50	58.9
N829920		3.89	0.042	0.55	7.62	54.9	1930	1.57	1.10	0.14	0.55	76.5	4.0	9	16.35	118.0
N829921		2.65	0.057	0.95	7.65	51.1	1710	1.28	1.59	0.05	0.37	65.8	2.6	10	12.80	63.9
N829922		2.83	0.106	1.21	7.11	92.2	1340	1.36	2.16	0.04	0.24	55.0	3.2	10	17.85	93.1
N829923		1.83	2.15	50.3	3.67	1665	640	2.29	143.0	0.04	2.65	147.0	5.1	21	8.06	765
N829924		2.59	<0.005	0.04	0.08	<5	20	0.07	0.12	20.8	0.06	1.29	1.3	2	0.26	2.8
N829925		2.17	0.135	2.76	7.34	99.4	1140	1.73	6.00	0.10	0.41	51.5	2.3	11	18.90	83.6
N829926		3.21	0.053	0.93	7.70	69.2	1270	1.88	1.26	0.34	0.67	60.1	3.3	9	16.35	107.5
N829927		2.65	0.066	1.28	7.54	83.9	800	1.88	1.84	0.25	0.45	53.2	2.7	11	16.80	112.0
N829928		1.96	0.055	1.03	7.98	44.0	770	1.58	1.77	0.13	0.34	69.4	1.6	10	18.60	57.8
N829929		2.37	0.077	0.93	7.52	38.3	720	1.81	1.15	0.28	0.56	70.1	2.5	11	17.20	87.3
N829930		0.21	0.757	9.56	6.54	1765	960	1.60	5.61	1.91	41.5	44.7	17.0	21	16.65	106.5
N829931		1.58	0.091	1.09	7.21	88.3	2020	1.80	1.68	0.28	0.89	47.3	5.4	13	15.05	85.2
N829932		2.13	0.474	1.07	7.40	87.3	2090	1.79	2.21	0.41	0.75	57.5	4.6	11	15.35	97.5
N829933		3.47	0.309	1.10	7.52	106.5	1820	1.74	2.33	0.31	0.79	66.2	5.3	12	17.20	115.0
N829934		1.90	0.269	1.28	7.09	304	790	1.68	4.12	0.14	1.24	85.4	2.3	8	31.1	124.0
N829935		2.47	0.814	7.28	6.75	216	1090	1.30	24.4	0.05	0.55	56.5	2.2	10	7.86	16.6
N829936		4.09	0.088	1.60	7.34	131.0	1530	1.25	2.73	0.14	0.68	62.9	3.6	9	17.25	64.3
N829937		2.99	0.219	5.48	6.98	165.0	1030	1.43	3.95	0.10	0.87	69.5	4.8	12	15.95	106.0
N829938		2.29	0.058	1.38	7.08	64.1	1600	1.27	1.96	0.12	0.69	64.7	3.8	13	17.05	55.5
N829939		3.80	0.257	0.73	7.19	44.9	1880	1.70	2.83	0.34	0.71	42.7	6.2	11	11.45	106.5
N829940		3.13	0.054	0.59	7.30	45.9	1710	2.08	1.31	0.41	0.86	47.6	7.5	14	13.65	132.5
N829941		2.86	0.025	0.30	8.14	30.3	2160	1.36	0.68	0.22	1.05	41.2	4.5	9	13.50	54.2
N829942		2.34	0.022	0.41	7.97	25.3	1720	1.53	0.83	0.07	3.74	54.2	9.6	12	10.90	63.0
N829943		3.12	0.653	1.06	7.99	96.6	980	2.49	1.86	0.11	5.86	69.7	12.7	10	29.0	225
N829944		1.99	0.043	0.73	7.28	122.0	710	1.99	1.40	0.13	4.12	76.7	5.4	9	28.0	164.0
N829945		4.99	0.721	8.83	7.37	139.0	830	1.31	5.23	0.06	0.79	57.1	0.8	10	10.50	17.7
N829946		2.58	0.141	1.30	7.21	368	760	1.40	2.53	0.13	3.13	57.8	2.1	8	17.35	46.9
N829947		2.35	0.067	0.31	7.88	213	2090	1.47	0.71	0.12	3.13	42.3	5.2	9	14.75	54.0
N829948		2.69	0.206	0.56	7.87	160.0	1700	2.17	1.10	0.08	6.48	54.5	10.9	9	21.1	143.5
N829949		2.45	8.89	10.75	7.07	247	2300	2.30	2.54	0.09	4.69	56.3	10.5	9	22.5	238
N829950		3.42	1.695	4.62	7.01	113.0	1820	1.55	5.88	0.11	2.66	53.7	3.2	9	24.9	35.0
N829951		2.98	0.189	0.61	7.99	153.0	970	2.63	0.82	0.11	5.25	62.0	8.7	9	31.5	81.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829916		3.80	17.75	0.17	1.2	0.122	2.57	34.8	16.4	0.38	113	1.45	1.03	5.9	2.2	580
N829917		4.22	18.05	0.19	1.2	0.118	2.54	37.5	23.9	0.37	106	1.48	0.77	6.0	2.3	620
N829918		3.50	17.90	0.20	1.2	0.120	2.69	33.4	13.5	0.35	69	1.22	1.04	5.2	1.8	490
N829919		3.71	17.60	0.19	1.3	0.090	2.72	24.7	11.0	0.68	220	1.37	1.70	7.7	2.6	570
N829920		4.20	17.65	0.20	1.3	0.150	3.04	42.8	13.2	0.37	149	1.43	0.55	7.3	2.3	620
N829921		3.58	18.45	0.19	1.2	0.236	2.95	35.5	18.6	0.19	112	2.34	0.09	7.1	1.8	550
N829922		4.02	17.25	0.19	1.2	0.326	2.85	31.9	14.8	0.26	153	2.22	0.07	5.2	1.6	420
N829923		15.85	11.20	0.42	0.6	22.4	1.48	110.0	10.4	0.13	69	36.9	0.06	1.5	3.1	2670
N829924		0.50	0.30	0.08	<0.1	0.019	0.03	0.7	1.1	12.35	204	0.14	<0.01	0.3	1.5	170
N829925		3.65	19.10	0.19	1.1	0.549	3.06	30.2	11.9	0.38	105	3.82	0.22	4.7	1.7	590
N829926		4.25	18.80	0.20	1.1	0.233	2.21	32.9	12.1	0.64	173	1.35	1.44	6.1	2.4	750
N829927		3.86	18.15	0.19	1.0	0.224	2.26	30.2	8.0	0.36	119	2.84	1.74	4.9	1.8	560
N829928		2.50	19.90	0.17	1.1	0.177	2.35	38.9	23.1	0.33	70	0.93	0.35	5.4	1.5	360
N829929		3.37	18.00	0.18	1.1	0.130	1.91	41.4	14.6	0.43	101	1.24	1.53	5.7	1.9	590
N829930		5.36	15.60	0.22	1.2	0.843	2.83	23.2	27.1	0.71	1920	12.95	0.27	8.3	15.1	490
N829931		4.62	17.25	0.19	1.1	0.112	2.30	25.6	10.3	0.34	136	1.86	1.78	5.8	2.3	640
N829932		4.52	17.85	0.20	1.3	0.168	2.91	35.5	11.2	0.44	159	2.09	1.69	7.0	2.6	610
N829933		4.86	17.90	0.21	1.2	0.187	3.09	39.9	14.6	0.36	169	2.45	1.23	6.2	2.7	670
N829934		5.30	18.55	0.24	1.3	0.496	3.11	50.5	10.8	0.33	121	1.84	0.06	5.3	1.6	550
N829935		2.90	18.00	0.19	1.1	0.224	3.50	31.9	7.9	0.32	112	4.35	0.09	4.9	1.0	260
N829936		4.38	18.45	0.20	1.1	0.236	2.96	34.4	19.6	0.25	140	3.59	0.09	5.2	2.0	640
N829937		3.90	16.85	0.19	1.2	0.360	2.76	38.0	34.0	0.21	174	3.46	0.10	7.0	1.9	720
N829938		3.08	16.25	0.18	1.0	0.144	2.51	34.8	21.1	0.28	164	1.93	0.08	4.4	1.5	530
N829939		3.79	16.40	0.19	1.1	0.159	2.84	26.0	12.0	0.40	240	3.62	1.08	6.4	2.8	530
N829940		4.23	17.10	0.21	1.1	0.124	2.54	27.6	13.6	0.51	299	1.91	2.07	7.8	2.8	610
N829941		3.58	18.20	0.19	1.4	0.087	3.13	27.0	29.1	0.33	207	1.35	0.44	9.2	2.5	420
N829942		3.74	17.25	0.19	1.3	0.113	2.91	28.4	39.0	0.12	547	1.72	0.11	8.6	2.6	580
N829943		6.20	16.95	0.26	1.1	0.234	3.22	37.3	11.4	0.24	691	2.29	0.05	7.8	4.6	680
N829944		6.88	16.60	0.25	1.2	0.647	2.99	45.3	7.4	0.22	376	2.79	0.03	8.0	2.7	760
N829945		1.92	19.30	0.15	1.4	0.734	3.29	31.4	9.5	0.22	183	1.63	0.04	8.2	1.1	200
N829946		4.73	17.15	0.23	1.3	0.640	3.08	33.3	6.4	0.24	255	2.54	0.03	8.5	1.6	400
N829947		4.31	18.00	0.21	1.4	0.162	3.12	24.4	24.3	0.18	315	1.42	0.10	8.4	2.8	540
N829948		4.01	18.10	0.21	1.3	0.270	3.30	29.6	17.9	0.22	492	1.80	0.06	7.7	3.6	570
N829949		5.13	17.20	0.23	1.1	0.325	3.01	31.9	14.5	0.33	417	2.19	0.04	5.4	3.0	650
N829950		2.72	17.60	0.19	1.1	0.296	2.97	30.2	14.3	0.33	294	2.10	0.04	6.4	1.7	320
N829951		3.71	17.95	0.21	1.2	0.150	2.88	33.3	27.3	0.26	530	1.77	0.03	8.7	3.8	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829916		65.2	133.5	<0.002	0.44	21.4	11.6	2	3.8	128.0	0.46	0.43	14.9	0.207	1.84	2.9
N829917		61.7	133.5	<0.002	0.60	18.70	11.4	2	3.8	120.5	0.48	0.37	15.7	0.210	1.84	2.7
N829918		56.5	147.0	<0.002	0.40	18.80	11.1	3	4.0	104.5	0.42	0.60	15.4	0.180	2.11	2.3
N829919		42.8	127.0	<0.002	0.22	4.92	11.8	2	3.1	222	0.56	0.22	14.6	0.238	1.59	3.0
N829920		57.0	138.0	<0.002	0.40	8.08	12.0	2	2.8	154.0	0.60	0.13	17.7	0.228	2.03	4.9
N829921		81.2	131.5	<0.002	0.48	14.05	10.4	2	3.3	91.8	0.53	0.36	15.7	0.232	1.93	3.3
N829922		66.5	142.5	<0.002	0.37	19.40	10.1	2	4.3	49.5	0.40	0.42	13.9	0.182	2.41	2.7
N829923		2200	69.3	0.002	0.77	423	10.0	8	8.1	358	0.09	2.07	35.1	0.045	1.14	15.4
N829924		3.1	1.6	<0.002	0.03	0.41	0.3	1	<0.2	40.4	<0.05	<0.05	0.2	<0.005	0.02	1.3
N829925		228	166.5	<0.002	0.42	19.30	11.7	2	5.8	130.5	0.36	0.49	14.8	0.173	3.00	3.9
N829926		71.7	117.0	<0.002	0.29	8.39	13.4	2	4.2	202	0.43	0.29	15.1	0.218	1.84	5.2
N829927		85.0	127.0	<0.002	0.20	9.16	11.4	2	5.2	215	0.39	0.48	14.7	0.180	1.90	3.5
N829928		85.4	137.0	<0.002	0.23	7.89	11.8	2	5.4	72.6	0.44	0.32	10.0	0.189	1.99	2.4
N829929		60.1	100.0	<0.002	0.20	5.23	11.4	1	3.4	188.5	0.46	0.26	15.9	0.189	1.53	3.5
N829930		1280	158.0	0.002	3.23	32.6	8.8	2	5.8	148.5	0.58	0.30	11.3	0.216	2.37	5.0
N829931		81.1	126.0	<0.002	0.26	4.47	9.8	2	3.8	209	0.44	0.37	15.1	0.195	1.66	3.1
N829932		96.9	133.5	<0.002	0.27	5.64	11.0	2	4.0	250	0.55	0.60	17.2	0.223	1.70	3.6
N829933		126.0	148.0	<0.002	0.46	7.18	11.3	2	4.1	210	0.49	0.43	18.9	0.216	1.95	3.7
N829934		129.5	188.5	<0.002	0.54	18.35	10.1	2	6.5	108.5	0.43	1.77	17.3	0.181	3.04	2.9
N829935		633	188.0	<0.002	0.65	17.60	9.0	3	11.8	64.6	0.40	1.16	11.9	0.168	2.39	1.5
N829936		116.5	151.5	<0.002	0.87	16.95	10.7	2	4.4	144.0	0.43	0.45	17.1	0.188	2.46	2.9
N829937		975	153.0	<0.002	0.49	27.6	10.2	2	4.8	164.0	0.55	0.36	19.0	0.225	2.47	4.1
N829938		167.5	146.0	<0.002	0.61	10.80	9.4	2	3.3	141.0	0.35	0.46	14.0	0.146	2.47	2.8
N829939		73.7	131.5	<0.002	0.16	5.69	10.2	2	3.9	174.5	0.47	0.91	12.9	0.210	1.81	4.0
N829940		61.5	119.0	<0.002	0.14	4.23	11.4	2	3.5	233	0.56	0.32	15.0	0.238	1.52	4.7
N829941		31.5	132.5	<0.002	0.06	6.98	12.2	1	2.9	107.5	0.70	0.10	15.4	0.277	1.55	5.6
N829942		44.5	126.5	<0.002	0.06	9.32	10.8	1	3.2	68.9	0.67	0.25	14.8	0.260	1.71	7.2
N829943		196.5	166.5	<0.002	0.13	9.91	12.8	2	4.5	32.3	0.56	0.42	15.3	0.249	3.21	12.3
N829944		248	162.5	<0.002	0.19	7.86	11.7	1	4.9	32.6	0.63	0.21	17.5	0.235	3.43	10.2
N829945		1235	197.0	<0.002	0.15	15.60	10.6	1	13.5	45.6	0.70	0.13	8.4	0.227	3.99	2.1
N829946		436	186.0	<0.002	0.37	11.45	10.6	1	7.1	62.0	0.71	0.17	11.3	0.231	3.71	3.1
N829947		52.7	156.0	<0.002	0.13	7.43	11.4	1	2.6	81.4	0.70	0.17	17.2	0.228	2.24	4.9
N829948		82.9	191.5	<0.002	0.09	8.24	12.6	2	3.6	43.3	0.63	0.21	15.4	0.215	3.06	7.1
N829949		227	220	<0.002	0.16	15.40	12.0	2	4.3	48.5	0.44	5.13	15.2	0.174	4.02	6.7
N829950		745	217	<0.002	0.27	17.10	12.2	2	8.0	57.9	0.50	0.66	10.1	0.204	3.59	2.8
N829951		122.5	190.0	<0.002	0.13	19.75	15.5	2	2.5	72.4	0.66	0.18	15.3	0.262	3.47	18.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829916		72	2.8	11.9	180	34.9
N829917		70	3.0	12.7	186	36.1
N829918		70	3.1	12.4	159	33.9
N829919		75	2.0	10.8	140	37.6
N829920		68	2.5	14.2	266	37.6
N829921		70	2.8	9.6	223	36.5
N829922		70	3.3	9.3	289	35.1
N829923		78	2.6	13.0	1060	28.7
N829924		2	0.1	0.7	15	<0.5
N829925		74	3.6	9.9	201	32.3
N829926		79	1.8	12.2	265	31.2
N829927		72	2.4	9.9	273	29.1
N829928		78	2.4	8.6	165	32.1
N829929		64	2.0	9.3	229	31.1
N829930		60	5.0	10.8	2930	38.2
N829931		67	2.3	10.5	222	32.5
N829932		69	2.2	10.6	164	39.0
N829933		72	2.4	10.8	251	36.6
N829934		71	4.4	10.2	187	38.2
N829935		60	6.3	5.7	37	32.1
N829936		79	2.7	9.8	191	31.6
N829937		67	4.7	9.0	268	32.0
N829938		60	2.0	9.3	142	29.4
N829939		67	3.6	10.6	258	31.9
N829940		70	2.2	11.1	251	32.6
N829941		76	6.1	9.9	155	40.7
N829942		63	3.2	14.9	584	34.9
N829943		71	4.9	18.1	1140	33.5
N829944		69	6.5	13.7	1090	36.3
N829945		61	12.4	7.3	160	37.4
N829946		61	6.9	10.3	610	37.9
N829947		64	2.5	13.5	638	39.4
N829948		68	3.3	16.0	544	36.5
N829949		73	3.3	13.0	430	32.0
N829950		67	5.6	9.9	273	28.9
N829951		74	5.4	16.7	680	32.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144362

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144363

Project: Klaza TR-12-8

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

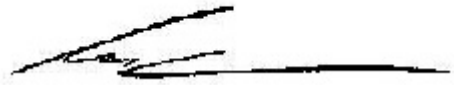
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144363

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829952		2.42	4.25	2.97	6.93	138.0	1490	1.87	4.07	0.09	2.68	57.7	2.0	8	17.15	50.9
N829953		2.26	0.076	0.55	8.19	104.5	1060	2.73	0.81	0.12	8.30	57.3	16.8	8	25.0	119.0
N829954		3.42	1.675	1.17	7.63	281	1220	2.00	1.19	0.10	5.23	55.1	8.6	8	27.3	102.5
N829955		3.66	0.167	1.39	7.75	212	1290	1.66	2.99	0.11	4.61	63.6	5.8	8	25.9	77.1
N829956		2.94	0.106	1.13	8.29	131.0	1890	1.88	2.27	0.08	3.79	60.7	10.8	9	21.6	83.2
N829957		3.18	1.755	3.61	7.14	238	1190	1.57	2.75	0.11	3.62	61.7	2.6	8	18.25	72.0
N829958		3.31	0.063	0.85	8.62	84.6	2060	2.23	1.50	0.31	4.99	52.4	17.3	9	15.55	121.0
N829959		2.78	0.357	3.04	7.82	364	1430	1.81	2.97	0.16	5.67	65.2	4.5	9	22.0	109.0
N829960		3.34	0.173	1.27	7.95	296	1400	2.00	2.03	0.16	5.80	76.1	4.3	8	26.8	134.0
N829961		3.26	0.114	1.07	7.99	147.0	1950	2.09	1.86	0.27	5.79	56.6	10.5	9	20.2	158.5
N829962		3.17	0.093	0.66	8.17	82.5	2100	1.66	1.27	0.26	6.76	50.5	10.8	8	15.60	90.7
N829963		2.85	0.140	0.68	8.51	153.0	1500	2.32	2.02	0.17	9.29	59.6	14.3	8	21.1	202
N829964		3.42	0.173	1.11	7.71	199.5	940	1.95	2.81	0.12	14.85	54.1	24.1	7	29.2	159.5
N829965		2.50	0.318	6.17	7.48	385	640	1.64	25.9	0.14	5.37	66.4	2.0	15	66.0	106.5
N829966		2.85	0.080	0.96	7.40	84.1	1160	1.98	3.24	1.28	8.62	53.1	11.3	28	41.5	110.5
N829967		4.55	0.106	0.74	7.38	49.4	2050	1.65	1.37	0.29	9.30	61.4	12.2	21	10.15	101.5
N829968		3.46	0.311	3.93	5.69	157.0	1240	1.02	4.10	0.11	4.56	42.2	2.5	9	25.7	66.0
N829969		3.81	0.365	2.40	8.17	328	970	1.97	5.06	0.13	1.81	63.2	7.1	19	23.4	206
N829970		6.44	0.743	6.50	6.03	296	1050	1.11	8.47	0.09	1.07	51.5	1.1	8	28.2	63.1
N829971		4.23	<0.005	0.03	0.10	<5	20	0.05	0.07	20.3	0.09	1.44	1.5	1	0.32	2.9
N829972		5.42	0.205	1.73	8.45	232	1420	2.05	4.44	0.24	5.14	55.8	9.3	8	27.1	206
N829973		3.54	0.697	1.64	7.05	203	900	1.64	4.06	0.17	4.61	60.3	3.8	8	34.2	87.2
N829974		2.41	0.091	1.29	7.76	118.0	2710	2.12	3.74	0.11	3.79	47.9	4.2	8	18.75	270
N829975		2.60	0.886	3.78	7.02	245	1510	1.59	4.84	0.18	2.49	62.0	0.6	8	16.45	104.5
N829976		3.21	0.409	3.14	7.32	266	1620	1.22	6.81	0.19	0.97	62.4	1.1	8	19.65	81.3
N829977		3.14	0.153	3.41	7.77	124.5	1960	1.23	10.05	0.15	1.21	75.4	1.0	8	17.60	150.0
N829978		0.24	2.37	22.7	5.82	2840	400	1.26	18.85	2.08	72.7	41.5	10.8	17	14.35	411
N829979		4.05	0.075	1.82	8.24	77.5	2140	1.44	6.09	0.23	1.67	38.7	4.3	8	15.50	168.0
N829980		3.37	0.077	1.63	8.34	71.4	2100	1.54	4.97	0.12	1.46	38.8	4.1	8	13.65	219
N829981		3.57	0.123	14.65	7.24	209	1520	0.92	28.0	0.14	0.61	59.8	1.0	8	16.55	246
N829982		2.79	0.041	2.41	7.96	55.5	1700	1.23	3.06	0.10	0.59	53.4	2.6	8	19.60	213
N829983		4.96	0.133	1.40	7.91	153.0	1430	1.75	4.18	0.10	2.89	62.3	7.0	8	26.4	326
N829984		3.72	0.082	7.80	7.34	82.9	2140	1.41	2.75	0.41	2.29	53.6	4.8	7	16.25	142.5
N829985		4.70	0.035	1.06	7.95	43.5	2680	2.17	2.00	0.59	3.66	56.2	14.0	8	14.75	116.0
N829986		3.04	0.032	0.68	7.20	340	1360	0.92	2.66	0.17	0.87	50.9	2.5	8	16.10	74.0
N829987		2.57	0.463	35.1	6.06	142.5	1180	1.00	171.0	0.11	0.70	57.5	0.5	7	17.40	37.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829952		2.78	16.90	0.18	1.1	0.339	3.14	32.8	16.1	0.31	237	3.64	0.04	5.7	1.8	340
N829953		3.50	17.50	0.21	1.2	0.146	2.57	29.9	37.8	0.18	1080	2.11	0.04	8.0	5.0	650
N829954		4.15	16.50	0.22	1.2	0.119	3.09	30.3	15.5	0.26	379	2.70	0.05	7.3	3.4	640
N829955		3.81	17.10	0.23	1.2	0.234	3.38	36.1	9.5	0.27	465	2.60	0.04	8.0	2.7	500
N829956		3.57	18.70	0.22	1.1	0.194	3.48	33.3	21.3	0.29	422	6.32	0.08	6.3	3.5	480
N829957		3.59	16.45	0.22	1.1	0.251	3.10	34.7	10.4	0.28	333	4.73	0.04	7.0	1.8	500
N829958		4.31	18.30	0.24	1.3	0.151	2.98	26.8	17.8	0.32	709	10.80	0.83	7.8	4.2	680
N829959		3.71	16.95	0.23	1.1	0.337	3.18	36.9	10.4	0.27	403	3.25	0.09	7.8	1.9	560
N829960		3.96	17.55	0.23	1.3	0.294	3.20	43.2	10.2	0.28	274	3.48	0.09	7.7	2.5	560
N829961		4.22	17.15	0.23	1.2	0.144	2.76	30.5	15.8	0.33	594	2.86	0.54	7.2	4.1	620
N829962		4.41	17.80	0.24	1.2	0.085	2.18	26.3	22.4	0.45	812	1.50	0.50	8.7	4.6	570
N829963		4.59	17.40	0.23	1.1	0.163	3.02	29.1	10.2	0.22	938	2.06	0.08	7.0	6.4	730
N829964		4.07	16.40	0.22	1.1	0.131	3.01	25.9	11.7	0.28	2510	1.93	0.05	6.5	7.2	580
N829965		2.81	18.90	0.20	2.2	0.293	2.58	38.0	27.5	0.31	205	8.61	0.04	6.4	2.5	400
N829966		3.01	19.45	0.21	3.7	0.091	2.00	26.5	70.1	0.18	1400	3.59	0.07	9.1	19.6	720
N829967		2.18	18.30	0.17	2.5	0.082	0.60	32.0	292	0.21	1110	1.37	0.25	8.3	13.8	740
N829968		2.93	13.70	0.16	1.3	0.482	2.02	24.1	25.9	0.23	317	4.96	0.04	5.4	2.3	250
N829969		3.91	18.60	0.19	2.3	0.271	1.47	36.7	172.0	0.22	506	5.12	0.15	7.7	11.6	730
N829970		2.89	16.55	0.18	1.2	0.762	2.50	31.1	21.7	0.27	152	7.98	0.04	4.8	1.7	280
N829971		0.48	0.46	0.28	<0.1	0.009	0.03	0.7	1.3	11.90	213	0.17	<0.01	0.3	2.9	170
N829972		3.81	17.30	0.22	1.5	0.371	3.01	29.9	19.5	0.27	604	4.03	0.04	8.4	4.9	770
N829973		4.11	16.15	0.19	1.3	0.375	2.77	32.6	19.9	0.28	277	6.98	0.03	7.1	2.2	680
N829974		4.15	16.75	0.20	1.3	0.370	3.10	26.2	28.5	0.15	341	5.62	0.08	7.9	2.7	700
N829975		3.68	17.50	0.20	1.3	0.466	3.10	34.5	11.1	0.25	178	3.47	0.04	6.6	1.2	340
N829976		4.12	18.15	0.21	1.4	0.482	3.02	36.0	14.2	0.26	189	5.12	0.05	7.6	1.3	500
N829977		3.96	17.65	0.22	1.4	0.734	2.79	42.6	24.8	0.16	126	3.80	0.06	7.7	1.8	630
N829978		6.38	13.60	0.17	0.8	1.625	2.49	22.3	22.7	0.85	1820	12.55	0.04	5.9	15.4	420
N829979		4.37	18.40	0.17	1.5	0.406	3.05	21.4	20.0	0.22	299	2.57	0.64	8.6	2.9	650
N829980		3.93	18.45	0.16	1.4	0.379	2.87	20.5	24.7	0.17	338	2.89	0.20	8.7	2.8	620
N829981		5.04	16.00	0.18	1.2	0.902	2.78	32.3	12.3	0.19	122	3.24	0.06	7.2	1.7	560
N829982		3.73	17.35	0.19	1.3	0.296	3.15	31.0	22.4	0.16	181	2.08	0.08	8.2	2.3	640
N829983		4.43	16.65	0.20	1.2	0.287	2.68	35.4	28.7	0.19	411	6.66	0.05	7.5	4.0	630
N829984		4.55	18.60	0.20	1.2	0.390	2.91	33.4	12.8	0.36	280	2.75	0.77	7.5	2.7	540
N829985		4.10	17.50	0.21	1.4	0.217	2.82	31.0	21.0	0.48	638	2.17	1.30	8.3	3.8	610
N829986		5.69	20.1	0.16	1.2	0.640	2.77	30.2	20.6	0.19	128	1.78	0.20	8.1	2.0	810
N829987		4.49	15.45	0.17	1.2	0.811	3.16	36.0	12.8	0.23	97	18.85	0.07	6.3	1.9	290

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829952		1185	216	<0.002	0.18	18.95	10.4	2	8.0	56.4	0.49	0.59	8.3	0.186	3.89	3.3
N829953		130.0	141.0	<0.002	0.11	11.25	12.7	2	2.7	79.7	0.63	0.16	13.6	0.249	2.80	10.5
N829954		93.7	191.0	<0.002	0.16	16.35	11.4	2	3.7	58.4	0.60	0.69	13.9	0.229	3.75	6.1
N829955		202	205	<0.002	0.37	12.95	11.0	2	5.8	84.6	0.67	0.18	13.4	0.249	4.46	4.7
N829956		182.0	191.5	<0.002	0.17	9.77	12.0	2	6.5	79.7	0.51	0.50	13.4	0.207	3.19	5.9
N829957		944	195.0	<0.002	0.35	14.15	10.6	2	6.3	65.0	0.57	0.81	12.6	0.218	3.88	4.7
N829958		157.0	148.5	0.002	0.07	7.58	13.1	2	3.2	136.5	0.65	0.18	16.6	0.249	2.59	8.4
N829959		1670	182.0	<0.002	0.39	14.70	11.6	2	4.5	81.9	0.58	0.33	14.1	0.251	3.96	8.1
N829960		378	192.5	<0.002	0.26	18.10	12.1	2	3.8	81.2	0.67	0.16	15.9	0.236	3.61	10.2
N829961		108.5	151.5	<0.002	0.09	11.65	11.8	2	3.1	105.5	0.61	0.17	16.4	0.224	2.41	7.5
N829962		52.1	117.0	<0.002	0.06	11.20	12.3	2	3.1	100.0	0.71	0.12	17.1	0.263	1.72	5.5
N829963		82.2	153.0	<0.002	0.03	10.55	12.3	3	3.7	27.0	0.58	0.15	15.3	0.233	2.96	9.6
N829964		228	184.0	<0.002	0.04	10.70	10.6	3	3.4	21.7	0.56	0.19	14.7	0.199	3.61	4.6
N829965		337	181.5	<0.002	0.17	21.9	8.8	4	9.6	91.8	0.55	0.52	11.8	0.195	2.86	6.8
N829966		52.2	97.8	<0.002	0.16	17.80	7.0	2	2.4	142.0	0.75	0.06	11.8	0.253	2.04	5.5
N829967		32.7	36.2	<0.002	0.07	12.80	6.6	2	1.7	344	0.68	0.06	10.8	0.243	0.86	4.3
N829968		214	140.5	<0.002	0.34	18.50	7.1	2	4.8	69.9	0.46	0.29	8.5	0.160	2.29	3.4
N829969		145.0	94.8	<0.002	0.21	23.5	9.2	3	3.1	176.5	0.63	0.28	13.9	0.227	1.94	8.4
N829970		422	170.5	<0.002	0.44	59.2	8.5	2	9.3	57.1	0.42	0.57	10.2	0.157	2.82	2.4
N829971		3.2	1.9	<0.002	0.01	0.24	0.3	1	<0.2	45.8	<0.05	<0.05	0.2	<0.005	0.02	0.9
N829972		91.7	173.0	<0.002	0.19	32.6	11.8	2	3.4	42.1	0.74	0.19	18.2	0.234	3.67	8.1
N829973		254	171.5	<0.002	0.48	21.1	11.3	2	6.5	80.0	0.59	0.29	17.8	0.209	3.50	6.8
N829974		119.5	146.0	<0.002	0.22	24.9	12.2	2	3.5	69.5	0.67	0.10	16.0	0.235	2.77	7.2
N829975		154.5	184.0	<0.002	0.75	46.2	10.2	2	6.7	57.5	0.56	0.81	11.2	0.197	3.74	3.0
N829976		382	173.5	<0.002	0.76	23.3	10.4	2	8.5	57.7	0.64	0.29	15.0	0.222	3.86	3.0
N829977		474	143.5	<0.002	0.76	28.2	10.8	2	5.0	58.2	0.62	0.44	16.5	0.229	2.52	3.3
N829978		2600	154.5	0.002	4.59	80.1	8.1	2	7.4	88.5	0.45	0.33	10.6	0.170	2.35	5.4
N829979		126.0	142.5	<0.002	0.24	14.45	11.2	2	3.0	109.5	0.71	0.22	17.7	0.252	2.05	4.5
N829980		148.5	131.5	<0.002	0.23	15.50	11.1	2	2.8	72.7	0.69	0.22	15.5	0.260	1.94	4.5
N829981		206	132.5	<0.002	0.92	70.2	10.2	5	6.4	42.1	0.58	6.95	13.4	0.222	2.80	2.7
N829982		123.5	159.0	<0.002	0.26	12.35	10.8	2	3.7	53.1	0.66	0.38	14.5	0.252	2.73	4.3
N829983		141.0	146.0	<0.002	0.32	15.15	14.8	2	4.0	57.7	0.59	0.98	17.7	0.218	2.84	10.8
N829984		819	133.5	<0.002	0.34	8.62	10.2	2	9.7	144.0	0.61	0.31	13.0	0.217	2.06	3.9
N829985		158.0	131.5	<0.002	0.13	5.17	12.8	2	3.6	198.5	0.69	0.25	16.8	0.232	1.85	5.8
N829986		90.1	128.0	<0.002	1.07	8.61	11.9	2	2.8	81.6	0.68	0.85	25.2	0.220	1.94	3.3
N829987		1225	185.0	<0.002	1.37	166.5	8.2	6	11.2	43.2	0.52	4.34	13.2	0.197	3.58	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829952		62	6.0	10.2	334	28.6
N829953		70	3.8	19.8	828	30.8
N829954		68	4.8	17.5	555	31.5
N829955		70	7.4	14.9	380	30.7
N829956		75	10.3	14.7	550	29.6
N829957		66	6.4	10.9	424	30.4
N829958		78	2.4	20.1	852	32.6
N829959		72	5.6	12.3	523	31.3
N829960		72	5.4	16.0	510	36.1
N829961		70	2.8	21.0	559	32.7
N829962		74	2.7	18.4	402	32.8
N829963		77	3.2	26.0	654	28.5
N829964		65	3.4	22.2	1040	29.9
N829965		66	11.0	9.8	165	72.1
N829966		52	4.9	15.8	495	136.0
N829967		46	4.3	15.2	510	77.6
N829968		55	5.3	8.9	231	40.0
N829969		61	7.8	14.7	515	76.9
N829970		65	6.6	6.4	139	35.2
N829971		2	0.6	0.8	20	0.6
N829972		71	7.4	15.0	496	42.6
N829973		68	5.2	10.3	415	37.8
N829974		67	3.4	11.8	493	35.5
N829975		63	7.9	6.9	134	34.0
N829976		68	8.4	7.3	264	37.0
N829977		69	2.1	8.7	234	38.0
N829978		53	5.1	9.4	5170	24.2
N829979		76	1.9	11.7	620	42.6
N829980		77	2.4	12.1	528	36.3
N829981		65	6.7	8.3	171	33.0
N829982		78	2.1	10.0	324	33.8
N829983		67	4.1	13.4	637	33.0
N829984		64	2.0	15.1	384	33.3
N829985		68	1.9	18.3	387	38.2
N829986		70	2.0	9.2	183	31.7
N829987		53	5.4	7.4	38	33.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144363

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144364

Project: Klaza TR-12-8

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

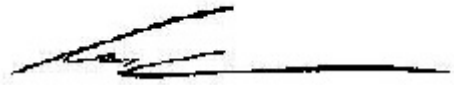
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144364

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829988		2.23	0.117	4.36	6.78	122.5	1410	0.89	18.95	0.19	0.81	57.6	0.6	7	23.2	44.8
N829989		2.45	0.046	1.09	8.39	92.7	1650	1.86	3.11	0.13	1.67	54.7	2.6	9	26.7	277
N829751		2.79	0.025	0.45	7.71	21.3	2230	1.26	1.25	0.76	1.04	50.2	6.2	10	11.10	22.3
N829752		1.96	0.014	0.35	7.90	14.9	2220	1.30	0.96	1.36	0.86	53.2	7.1	10	8.69	19.3
N829753		2.46	0.023	0.45	7.97	29.0	2210	1.45	1.56	0.70	1.86	51.3	9.1	9	10.45	27.1
N829754		2.46	0.056	0.45	7.69	31.3	2260	1.47	1.44	0.46	2.16	60.1	9.7	8	15.65	33.5
N829755		3.05	0.104	0.52	7.79	87.9	1930	1.53	1.28	0.27	2.13	61.3	7.4	9	24.6	19.3
N829756		3.03	0.032	0.50	7.64	23.3	2040	1.48	2.37	0.63	1.87	55.5	7.7	10	14.50	28.9
N829757		2.69	0.039	0.58	8.03	18.0	2350	1.39	2.84	0.49	3.48	61.2	8.2	9	12.25	37.7
N829758		3.15	0.055	0.73	7.34	31.5	3650	1.22	2.42	0.18	3.23	49.2	10.9	9	14.95	55.9
N829759		2.69	0.165	0.74	7.92	27.6	2860	0.90	2.26	0.13	0.51	46.6	2.5	8	12.60	47.8
N829760		1.97	0.019	0.29	7.61	20.6	2640	1.56	1.12	0.44	0.58	43.0	10.5	10	11.30	26.4
N829761		2.09	0.050	0.50	7.93	30.1	2850	1.54	2.49	0.59	0.88	42.7	7.2	12	13.95	29.3
N829762		2.87	0.020	0.35	7.51	16.8	2350	1.38	2.11	0.61	0.67	49.1	5.8	9	11.05	30.6
N829763		4.06	0.047	0.45	7.39	20.0	2340	1.42	2.44	0.59	0.64	40.7	6.6	11	11.20	46.0
N829764		4.45	0.073	0.45	7.44	48.0	2310	1.37	3.02	0.21	0.63	48.8	4.0	9	16.50	32.7
N829765		2.63	0.012	0.28	7.81	13.8	2280	1.62	2.82	0.74	0.93	61.7	6.8	9	10.95	20.5
N829766		2.95	0.054	0.82	7.91	29.9	2860	1.76	3.27	0.53	1.46	62.8	8.3	14	15.60	38.9
N829767		2.55	0.074	0.79	7.72	35.3	2730	1.57	4.11	0.46	1.09	60.6	11.8	12	13.55	44.7
N829768		3.44	0.093	1.04	7.91	39.9	2360	1.56	4.29	0.32	1.19	60.7	7.6	11	15.90	54.7
N829769		2.31	0.039	0.71	8.15	37.0	2310	1.56	2.36	0.21	1.45	58.4	6.8	9	17.75	42.5
N829770		2.63	0.457	6.00	7.32	192.5	1790	1.37	14.70	0.13	1.46	53.6	2.2	10	13.30	91.3
N829771		2.68	0.031	2.11	8.39	25.2	3010	1.45	4.14	0.24	1.84	48.8	6.7	9	15.00	60.2
N829772		4.74	0.027	1.16	7.80	24.7	2540	1.46	3.26	0.23	2.82	60.7	10.3	10	13.40	50.4
N829773		2.49	0.116	2.02	6.47	155.0	1900	1.34	2.76	0.19	3.32	57.3	1.6	7	15.20	33.5
N829774		2.74	0.030	1.09	7.60	39.7	2500	1.53	2.72	0.11	4.26	60.9	11.0	9	14.70	56.0
N829775		0.24	2.34	26.6	6.00	2880	1200	1.37	21.3	2.23	80.0	43.3	10.6	19	14.80	436
N829776		2.93	0.060	1.57	7.24	47.9	2700	1.84	3.05	0.14	5.07	26.2	11.8	8	14.75	47.7
N829777		2.57	0.071	1.30	5.38	53.5	1820	1.43	2.70	0.14	5.10	24.3	17.5	10	7.94	130.0
N829778		3.11	0.057	1.27	6.19	49.1	2000	1.25	2.42	0.13	1.34	36.7	2.7	12	10.15	124.5
N829779		3.95	<0.005	0.07	0.09	5	30	0.09	0.04	21.3	0.10	1.30	0.8	2	0.29	2.4
N829780		3.40	0.040	1.21	7.50	44.5	2940	1.66	3.30	0.17	4.90	56.3	6.5	9	16.65	174.0
N829781		3.86	0.060	1.06	7.63	41.4	2710	1.50	2.80	0.25	6.07	51.6	7.1	8	14.20	192.0
N829782		3.93	0.094	1.25	7.14	143.5	2420	1.32	5.69	0.13	5.62	45.3	6.3	8	16.65	133.0
N829783		5.54	0.242	28.5	4.97	126.5	2210	0.88	46.3	0.08	0.55	53.5	0.5	7	10.00	18.1
N829784		3.70	0.158	2.26	7.07	334	2400	1.35	4.94	0.19	1.77	47.0	1.9	8	20.5	102.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829988		4.60	15.80	0.11	1.4	0.879	3.13	33.2	11.0	0.22	130	7.35	0.07	7.3	1.2	370
N829989		3.25	18.30	0.13	1.4	0.259	2.75	30.3	120.5	0.12	149	2.21	0.08	8.6	2.7	730
N829751		3.30	15.70	0.12	1.3	0.121	2.74	27.7	18.6	0.84	453	0.97	1.40	7.6	3.6	600
N829752		3.22	15.85	0.12	1.3	0.112	2.65	27.4	15.9	0.82	490	0.92	2.20	7.7	4.2	620
N829753		3.78	16.20	0.10	1.4	0.106	2.75	24.5	17.4	0.74	557	1.41	1.41	7.7	4.0	640
N829754		3.27	16.00	0.12	1.1	0.204	2.81	34.3	16.4	0.48	561	2.75	1.07	6.9	3.4	590
N829755		3.51	16.90	0.11	1.3	0.114	2.91	36.0	27.3	0.25	1120	1.01	0.42	7.7	4.0	590
N829756		3.55	15.65	0.11	1.2	0.207	2.69	26.1	12.9	0.74	628	1.37	1.55	7.4	4.1	600
N829757		3.45	16.55	0.12	1.4	0.158	2.82	24.6	20.4	0.56	1010	7.54	1.20	8.0	4.4	620
N829758		3.02	16.15	0.13	1.2	0.143	3.19	26.3	19.0	0.23	829	13.65	0.35	6.1	3.9	540
N829759		2.97	17.35	0.13	1.4	0.205	3.27	26.9	16.6	0.17	167	14.35	0.26	7.3	1.8	460
N829760		3.54	17.05	0.11	1.3	0.118	2.60	28.8	18.2	0.57	407	1.14	1.17	7.7	2.9	590
N829761		4.03	18.45	0.09	1.1	0.238	2.89	22.1	15.6	0.51	491	1.63	1.82	8.0	3.9	660
N829762		3.31	16.25	0.09	1.2	0.202	2.84	22.3	19.0	0.81	428	0.96	1.71	7.7	3.2	580
N829763		3.48	16.10	0.10	1.3	0.183	2.69	23.8	15.5	0.88	415	1.03	1.66	7.4	2.9	580
N829764		3.85	16.45	0.14	1.4	0.214	2.85	31.6	19.2	0.26	232	0.99	0.63	7.8	2.5	520
N829765		3.22	16.70	0.11	1.5	0.099	2.79	27.8	21.8	0.69	667	0.81	1.78	8.4	3.7	620
N829766		3.36	18.10	0.13	1.4	0.225	2.90	34.6	40.4	0.33	541	1.54	1.50	8.0	4.7	630
N829767		4.33	17.90	0.15	1.2	0.551	3.14	36.7	19.8	0.39	421	1.20	1.19	6.7	4.2	620
N829768		4.52	17.85	0.14	1.1	0.290	3.26	34.3	15.4	0.41	558	1.13	1.29	6.9	4.2	630
N829769		3.23	18.35	0.11	1.3	0.235	3.31	26.8	22.3	0.22	723	1.41	0.41	8.5	3.1	610
N829770		4.34	16.95	0.12	1.3	0.370	3.20	30.1	10.3	0.31	211	3.86	0.15	7.3	2.2	450
N829771		3.36	19.20	0.13	1.5	0.233	3.14	27.2	25.3	0.32	451	1.12	0.72	8.7	2.9	590
N829772		3.60	16.30	0.12	1.4	0.383	3.41	32.5	15.6	0.33	590	1.48	0.86	7.7	3.5	570
N829773		5.46	14.65	0.12	1.1	0.583	2.79	32.7	14.2	0.21	355	3.00	0.04	6.3	1.4	450
N829774		5.65	17.00	0.13	1.0	0.637	3.29	36.2	11.3	0.23	1040	2.72	0.06	5.5	4.4	610
N829775		6.81	14.20	0.12	1.0	1.760	2.62	23.4	24.9	0.92	1860	13.50	0.05	6.0	16.0	450
N829776		4.28	16.25	0.11	1.7	0.376	3.09	14.4	15.0	0.25	898	12.05	0.07	4.9	4.1	540
N829777		3.51	12.10	0.07	0.8	0.264	2.17	14.4	16.9	0.23	583	48.1	0.11	3.2	3.4	460
N829778		4.37	14.30	0.07	0.9	0.649	2.86	21.5	9.5	0.27	201	30.5	0.05	3.6	1.6	510
N829779		0.49	0.27	<0.05	<0.1	0.008	0.04	0.6	1.3	12.65	210	0.22	<0.01	0.2	2.2	180
N829780		4.27	16.80	0.11	0.9	0.521	3.56	34.8	16.0	0.26	370	7.24	0.26	6.5	3.0	570
N829781		4.71	17.00	0.13	1.0	0.297	3.62	31.9	13.5	0.27	571	6.68	0.73	6.2	3.0	600
N829782		5.46	16.70	0.13	1.0	0.518	3.39	25.9	20.3	0.21	665	11.50	0.11	6.7	2.5	620
N829783		2.71	11.70	0.14	0.9	0.578	2.44	32.5	27.8	0.18	99	21.5	0.05	5.7	1.0	210
N829784		4.82	16.85	0.12	1.0	1.385	3.10	23.5	12.8	0.26	137	4.54	0.06	5.7	1.1	790

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829988		685	161.5	0.002	1.41	29.6	9.6	1	3.5	58.0	0.64	2.99	17.7	0.239	3.89	2.6
N829989		109.5	136.5	0.003	0.20	14.35	12.3	1	2.3	95.9	0.70	0.58	18.1	0.246	2.36	7.5
N829751		33.6	117.5	<0.002	0.04	6.90	10.7	<1	1.8	204	0.64	0.18	14.4	0.246	1.34	2.9
N829752		27.9	109.0	0.002	0.04	3.56	11.1	<1	2.1	355	0.63	0.11	13.7	0.259	1.28	3.4
N829753		40.6	118.0	<0.002	0.07	4.96	11.3	1	1.8	182.0	0.68	0.14	16.9	0.252	1.37	3.3
N829754		33.8	131.0	0.004	0.07	4.48	11.3	<1	1.8	124.0	0.60	0.17	15.3	0.230	1.73	3.6
N829755		34.7	135.5	<0.002	0.04	5.85	11.7	<1	2.0	56.1	0.71	0.17	16.3	0.238	2.11	4.4
N829756		41.1	113.5	0.002	0.08	5.29	10.8	<1	2.2	192.5	0.64	0.43	15.7	0.248	1.39	3.9
N829757		35.0	120.0	0.002	0.05	7.45	11.4	<1	1.9	146.0	0.73	0.19	16.9	0.254	1.45	3.9
N829758		51.0	153.5	0.003	0.12	13.50	10.9	<1	2.0	75.6	0.54	0.16	15.9	0.201	2.19	4.6
N829759		49.7	142.0	0.002	0.17	21.3	11.2	<1	2.9	70.7	0.62	0.23	14.9	0.234	1.92	3.8
N829760		29.5	110.5	0.004	0.04	5.59	12.0	1	1.8	165.5	0.59	0.13	14.1	0.261	1.24	3.9
N829761		41.8	132.0	0.003	0.10	5.05	11.2	1	2.5	216	0.61	0.43	13.9	0.264	1.53	3.1
N829762		27.3	115.5	0.003	0.06	4.65	10.1	<1	1.7	201	0.60	0.29	14.6	0.247	1.42	3.2
N829763		42.1	110.0	0.004	0.17	6.08	10.5	1	2.0	206	0.64	0.46	14.9	0.246	1.40	4.1
N829764		31.9	128.5	0.005	0.07	12.30	9.9	1	2.9	87.4	0.71	0.42	16.2	0.220	1.71	4.0
N829765		26.3	110.5	0.005	0.02	4.71	10.0	1	1.4	213	0.71	0.10	16.5	0.260	1.22	3.3
N829766		40.2	131.5	0.005	0.14	5.32	11.5	1	2.5	197.5	0.66	0.31	15.4	0.251	1.64	3.2
N829767		45.9	142.0	0.004	0.39	4.67	11.2	1	3.5	153.0	0.55	0.54	15.0	0.226	2.03	4.0
N829768		45.5	150.0	0.003	0.24	5.36	11.5	<1	3.8	146.5	0.58	0.96	15.9	0.230	2.25	4.0
N829769		39.8	144.0	0.006	0.04	7.86	11.1	1	2.6	81.7	0.68	0.35	16.0	0.257	2.02	3.5
N829770		160.0	161.0	0.005	0.15	12.55	9.4	5	8.9	45.3	0.66	1.48	11.6	0.240	2.78	2.9
N829771		45.0	138.0	0.007	0.07	12.70	11.9	1	2.6	123.5	0.75	0.48	17.6	0.259	1.80	3.5
N829772		93.2	150.5	0.005	0.08	7.56	10.9	1	2.6	102.5	0.73	0.25	21.0	0.233	2.19	4.1
N829773		312	144.0	0.004	0.71	14.90	9.6	1	9.5	51.6	0.53	0.19	12.7	0.195	2.76	2.8
N829774		89.2	168.0	<0.002	0.22	8.23	10.5	1	3.5	29.8	0.43	0.18	15.1	0.201	2.85	4.2
N829775		2750	157.0	0.004	5.00	93.8	8.0	1	7.9	89.3	0.47	0.36	11.0	0.182	2.36	5.4
N829776		116.5	141.0	<0.002	0.20	14.60	9.4	1	5.3	41.1	0.39	0.19	14.1	0.185	2.62	5.6
N829777		70.5	113.5	0.004	0.24	12.70	7.7	1	1.7	42.6	0.23	0.30	9.2	0.119	1.77	5.3
N829778		148.0	146.5	0.004	0.62	9.82	9.3	<1	4.7	30.9	0.30	0.18	13.2	0.144	2.49	2.9
N829779		1.8	2.0	0.002	0.01	0.08	0.3	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N829780		114.0	159.0	<0.002	0.26	16.05	10.7	<1	3.4	74.5	0.47	0.26	14.0	0.213	2.60	6.8
N829781		137.0	153.5	0.009	0.26	7.25	11.1	1	3.8	114.0	0.43	0.29	15.7	0.212	2.54	5.7
N829782		77.8	157.0	0.004	0.74	11.75	9.9	1	3.4	73.6	0.54	0.92	19.3	0.222	2.62	5.3
N829783		1195	142.0	0.002	0.79	95.2	6.5	7	7.9	66.9	0.47	0.65	8.4	0.175	2.34	1.6
N829784		505	171.5	0.003	0.95	34.9	11.2	1	2.8	81.4	0.45	0.70	23.2	0.187	3.31	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829988		56	3.7	6.9	55	32.3
N829989		74	2.8	12.4	280	35.9
N829751		68	8.7	16.9	90	31.9
N829752		71	1.8	14.0	85	28.7
N829753		71	4.3	15.5	174	34.8
N829754		69	2.4	17.2	131	25.1
N829755		70	5.7	24.3	102	28.8
N829756		70	1.5	15.2	147	28.4
N829757		71	2.6	16.0	154	31.1
N829758		69	3.3	16.2	240	27.9
N829759		69	2.6	12.4	83	30.4
N829760		72	1.4	15.5	85	27.6
N829761		74	2.9	13.7	133	28.2
N829762		67	1.5	12.1	93	28.8
N829763		71	2.5	14.4	109	30.4
N829764		68	3.2	14.5	75	30.9
N829765		68	4.3	14.8	74	32.7
N829766		73	3.0	17.4	115	30.8
N829767		74	2.7	19.6	103	26.4
N829768		75	3.1	18.4	106	25.5
N829769		67	4.8	15.5	118	31.4
N829770		68	9.0	10.6	143	28.5
N829771		73	2.0	14.5	145	30.9
N829772		67	1.8	15.7	388	30.1
N829773		58	5.1	11.1	389	26.3
N829774		67	2.9	14.3	723	27.7
N829775		56	5.3	9.7	5410	24.2
N829776		67	5.0	13.9	717	23.6
N829777		57	4.4	11.3	570	16.5
N829778		58	7.2	7.5	341	19.8
N829779		2	0.1	0.9	19	<0.5
N829780		65	3.3	16.4	534	20.9
N829781		66	2.3	17.3	668	24.7
N829782		61	2.4	13.3	572	22.4
N829783		44	7.8	6.3	55	19.6
N829784		61	2.9	8.4	348	21.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144364

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144365

Project: Klaza TR-12-8

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

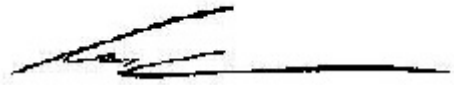
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144365

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829785		2.65	0.211	2.35	8.02	189.5	1830	2.18	7.26	0.18	22.9	57.5	21.3	9	21.2	349
N829786		2.78	0.067	2.02	8.29	53.8	2430	1.54	2.82	0.83	7.62	51.6	12.3	10	13.85	79.6
N829787		3.94	0.036	1.81	8.28	42.3	2580	1.41	5.64	0.37	6.53	65.1	12.4	10	13.80	55.0
N829788		4.21	0.052	3.08	7.96	60.0	2520	1.63	4.24	0.33	7.16	35.3	15.5	15	12.65	115.0
N829789		5.65	0.036	0.76	8.20	38.7	2290	1.65	3.92	0.61	3.06	59.5	9.9	11	12.80	51.6
N829790		2.99	0.146	1.38	8.08	60.5	2620	2.37	4.60	0.23	6.22	63.2	9.2	10	19.20	88.5
N829791		3.68	0.053	0.50	7.92	43.8	2000	1.32	1.85	0.27	1.33	38.9	4.4	9	16.90	31.4
N829792		3.01	0.030	0.52	7.83	37.0	2290	1.67	1.43	0.61	1.87	52.3	17.4	9	12.65	33.2
N829793		2.41	0.050	0.40	8.65	58.1	1850	1.93	1.14	0.34	2.33	61.3	11.3	8	25.3	17.6
N829794		2.66	0.012	0.31	8.90	18.9	2560	1.18	0.92	0.30	1.75	59.6	9.3	9	12.50	13.3
N829795		2.90	0.038	0.50	8.79	25.4	2450	1.46	1.32	0.43	2.24	69.5	11.5	10	14.55	18.1
N829796		3.21	0.051	0.59	7.82	45.9	2020	1.78	1.90	0.68	2.64	66.6	10.9	14	10.35	30.5
N829797		2.44	0.014	0.37	7.84	19.6	2000	1.71	1.26	0.60	1.74	67.8	8.3	10	10.75	16.0
N829798		0.21	2.42	25.0	6.23	3680	890	1.38	19.90	2.31	76.7	43.2	10.2	21	15.00	472
N829799		2.52	0.019	0.35	8.07	12.6	2720	1.55	1.43	1.22	1.19	51.6	8.3	10	9.66	13.8
N829800		1.92	<0.005	0.18	8.09	7.2	2390	1.51	0.44	1.61	1.19	52.7	6.8	10	6.77	7.5
N828601		2.69	0.046	0.67	8.30	34.4	4160	1.88	1.66	0.52	3.46	67.3	8.6	9	20.5	28.1
N828602		3.70	0.068	0.76	8.02	52.3	1730	1.61	2.04	0.22	1.95	44.9	3.9	10	15.55	38.6
N828603		3.83	0.029	0.60	8.33	31.7	2540	1.84	1.53	0.50	1.99	42.7	5.6	11	12.50	49.0
N828604		4.03	0.105	1.74	5.97	56.9	3680	1.75	3.12	0.13	8.44	56.5	11.5	12	23.5	52.7
N828605		4.30	0.033	1.16	8.69	41.8	2570	1.65	2.95	0.19	4.12	44.1	6.1	10	19.30	69.9
N828606		3.27	0.027	0.88	8.29	37.8	2530	1.43	1.91	0.18	3.09	39.8	3.6	10	18.55	45.3
N828607		4.99	0.047	1.05	8.11	51.4	2570	1.57	3.18	0.10	2.52	40.9	5.2	10	10.90	60.8
N828608		5.64	0.122	5.05	7.16	96.7	970	1.08	11.05	0.20	1.06	71.0	0.5	12	17.15	16.3
N828609		6.76	1.405	16.75	7.92	254	1270	1.26	27.4	0.19	0.66	63.0	0.5	11	37.2	28.7
N828610		4.39	0.297	8.79	7.93	207	1340	1.20	13.20	0.15	0.63	59.7	0.5	9	13.65	20.6
N828611		3.49	0.402	10.80	7.66	292	1400	1.11	13.70	0.13	0.54	53.0	0.4	10	12.45	26.8
N828612		2.89	0.123	4.05	8.01	280	1230	1.40	4.98	0.18	1.00	65.4	1.5	9	15.05	34.1
N828613		3.79	1.665	56.2	10.25	387	3710	1.35	104.0	0.09	0.40	34.4	0.4	9	15.85	15.8
N828614		3.57	0.005	0.07	0.12	<5	30	0.09	0.14	21.5	0.06	1.40	0.7	<1	0.32	1.7
N828615		2.37	0.049	2.79	8.13	193.0	2380	1.40	2.48	0.13	1.18	52.3	3.1	10	10.85	91.5
N828616		3.67	0.164	3.69	8.14	275	1930	1.52	6.86	0.19	1.31	73.1	3.4	10	11.65	80.8
N828617		3.80	0.052	1.08	7.74	79.8	2440	1.37	1.71	0.69	1.45	35.2	4.7	8	9.55	75.1
N828618		3.00	0.043	1.32	8.16	67.0	3060	1.57	2.19	0.46	2.37	51.5	6.2	9	13.90	92.4
N828619		2.67	0.026	1.11	7.88	57.3	2290	1.54	1.31	0.54	2.33	40.7	4.5	8	11.15	68.4
N828620		2.52	0.043	1.32	8.28	69.6	2680	1.42	2.09	0.23	2.60	35.9	4.9	9	13.50	73.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829785		4.10	18.10	0.10	1.0	0.203	3.31	28.9	20.7	0.22	3200	2.97	0.07	8.3	4.8	610
N829786		3.81	17.70	0.08	1.1	0.120	3.17	24.3	14.9	0.50	873	2.16	1.52	8.5	3.9	630
N829787		3.56	18.20	0.09	1.1	0.141	3.14	23.4	24.9	0.49	863	2.68	0.95	8.5	4.1	610
N829788		3.43	17.65	0.07	0.9	0.211	3.34	16.7	10.7	0.41	1080	4.66	0.80	7.2	3.8	560
N829789		3.92	18.40	0.09	1.2	0.198	2.99	33.3	13.2	0.79	600	2.14	1.68	8.7	3.7	580
N829790		3.99	19.40	0.07	1.2	0.207	3.28	40.1	15.5	0.33	675	2.49	0.54	7.7	3.8	500
N829791		3.45	19.00	0.07	1.4	0.156	3.12	27.6	25.4	0.40	189	2.97	0.60	8.6	2.9	390
N829792		4.20	16.05	0.14	1.3	0.197	3.02	32.7	12.3	0.60	674	1.58	1.49	8.4	2.7	560
N829793		3.42	18.90	0.11	1.7	0.099	3.26	34.3	48.6	0.22	848	2.16	0.46	9.1	3.6	670
N829794		3.30	18.20	0.10	1.6	0.067	3.11	26.3	26.3	0.18	707	1.69	0.44	8.4	3.2	650
N829795		3.23	18.75	0.14	1.3	0.074	3.10	26.3	26.5	0.29	603	1.79	0.66	9.6	3.5	680
N829796		3.51	16.20	0.16	1.4	0.142	3.28	32.5	16.1	0.40	705	2.83	1.38	8.1	4.5	470
N829797		2.86	16.25	0.12	1.4	0.199	3.06	29.9	11.3	0.58	520	1.89	1.98	7.5	3.0	480
N829798		6.75	15.25	0.16	0.8	1.680	2.74	23.6	23.5	0.95	2030	13.35	0.04	6.4	14.8	460
N829799		3.12	17.25	0.12	1.3	0.117	2.99	29.8	10.8	0.69	483	1.99	2.12	7.9	3.1	580
N829800		3.03	16.00	0.14	1.3	0.051	2.84	31.2	11.0	0.69	554	1.45	2.41	7.3	3.0	570
N828601		3.11	18.35	0.14	1.3	0.074	3.60	36.7	19.7	0.36	902	2.68	0.73	8.6	2.9	620
N828602		3.38	17.35	0.13	1.3	0.176	3.59	29.1	18.6	0.29	303	4.28	0.49	8.3	2.0	400
N828603		3.79	18.50	0.16	1.1	0.270	3.48	26.3	10.8	0.45	317	3.77	1.23	8.5	2.1	590
N828604		4.11	13.75	0.14	1.0	0.761	2.20	34.4	21.2	0.20	863	17.85	0.06	5.3	2.8	420
N828605		4.53	18.10	0.16	1.1	0.450	3.28	27.7	23.1	0.27	294	2.14	0.17	8.7	2.0	570
N828606		3.45	18.25	0.14	1.2	0.414	3.27	27.6	24.0	0.30	224	2.77	0.15	8.7	1.5	510
N828607		3.41	18.05	0.15	1.2	0.235	3.71	24.9	27.1	0.20	426	2.46	0.09	8.2	1.6	450
N828608		3.10	18.35	0.14	1.2	0.621	2.85	42.3	12.6	0.23	119	4.13	0.03	8.6	0.6	340
N828609		2.56	22.7	0.13	1.3	0.772	3.21	36.5	15.7	0.28	133	11.20	0.04	9.8	0.3	300
N828610		3.66	21.5	0.15	1.1	1.040	3.46	33.9	7.2	0.26	148	6.99	0.03	8.7	<0.2	490
N828611		3.86	21.6	0.15	1.2	1.100	3.33	29.5	6.3	0.26	149	5.19	0.03	8.8	0.2	460
N828612		5.32	18.80	0.16	1.1	1.130	3.25	36.7	9.0	0.26	523	5.57	0.04	8.9	0.9	810
N828613		2.41	31.6	0.09	1.9	2.81	4.77	20.6	6.6	0.34	196	5.04	0.04	12.0	0.9	330
N828614		0.51	0.33	0.12	<0.1	0.010	0.04	0.7	1.1	13.00	225	0.27	0.01	0.2	1.7	160
N828615		4.16	18.05	0.14	1.1	0.605	3.79	32.1	26.4	0.17	229	6.65	0.12	8.6	1.5	790
N828616		6.37	19.45	0.18	1.0	0.967	3.67	49.4	18.5	0.29	197	8.96	0.20	7.8	1.3	780
N828617		4.90	17.60	0.15	0.9	0.471	3.08	21.7	9.5	0.51	287	3.90	1.27	8.0	1.8	600
N828618		4.22	17.40	0.15	1.2	0.600	3.10	29.7	20.4	0.42	259	2.68	0.66	8.7	2.5	560
N828619		4.55	17.25	0.17	1.0	0.405	3.00	23.5	11.1	0.43	228	4.23	1.23	8.5	1.7	650
N828620		4.56	18.15	0.15	1.0	0.362	3.43	20.9	20.1	0.27	183	3.71	0.46	8.7	2.0	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829785		110.5	172.0	<0.002	0.06	17.85	10.4	2	2.3	43.7	0.68	0.27	15.2	0.239	3.18	7.0
N829786		119.0	145.5	<0.002	0.03	10.40	10.4	1	2.0	229	0.67	0.09	16.3	0.262	1.77	3.7
N829787		91.2	138.5	<0.002	0.07	9.95	11.0	1	2.2	135.0	0.66	0.25	17.4	0.263	1.84	3.6
N829788		236	172.0	<0.002	0.08	15.60	9.9	1	2.5	113.5	0.52	0.22	15.4	0.224	2.51	4.1
N829789		39.1	140.5	<0.002	0.04	5.23	11.0	1	2.2	199.0	0.68	0.23	15.9	0.243	1.43	4.2
N829790		67.2	184.5	<0.002	0.11	7.45	11.0	2	4.0	78.0	0.72	0.54	15.2	0.218	2.40	8.8
N829791		26.7	155.5	<0.002	0.10	4.99	9.8	1	2.6	95.7	0.81	0.13	13.0	0.230	1.86	3.6
N829792		40.2	133.5	<0.002	0.05	4.13	10.3	1	1.6	160.5	0.71	0.11	17.5	0.219	1.50	3.7
N829793		28.6	137.0	0.002	0.01	5.44	11.7	<1	1.9	76.6	0.86	0.15	16.9	0.264	2.09	3.7
N829794		25.0	130.0	0.002	0.01	10.75	10.6	<1	1.7	85.8	0.74	<0.05	16.5	0.274	1.49	3.5
N829795		35.2	133.5	<0.002	0.02	7.32	11.2	1	1.7	103.5	0.73	0.09	15.1	0.279	1.32	3.6
N829796		46.3	133.0	<0.002	0.04	5.13	8.6	1	1.6	168.5	0.78	0.19	19.9	0.214	1.41	4.1
N829797		38.3	128.0	0.003	0.03	3.80	8.7	<1	1.7	175.0	0.81	0.09	18.5	0.197	1.49	4.0
N829798		2900	163.5	0.002	5.11	90.9	8.3	2	7.6	94.2	0.45	0.39	9.7	0.192	2.20	5.3
N829799		30.4	115.5	0.002	0.06	3.21	10.0	<1	1.9	297	0.69	0.15	14.1	0.245	1.32	3.7
N829800		21.8	104.5	0.002	0.01	2.04	8.9	<1	1.4	342	0.68	<0.05	13.8	0.238	1.07	2.9
N828601		37.6	172.5	<0.002	0.08	6.81	11.8	2	1.8	124.5	0.66	0.24	15.6	0.258	2.31	4.0
N828602		37.5	181.0	<0.002	0.10	15.35	8.2	1	2.2	97.8	0.72	0.28	12.7	0.213	2.33	3.6
N828603		40.8	187.5	<0.002	0.05	6.23	10.7	1	2.2	167.0	0.57	0.21	15.3	0.234	2.23	3.2
N828604		133.5	125.5	<0.002	0.13	19.55	7.0	1	3.2	54.2	0.56	0.52	16.5	0.131	1.60	4.3
N828605		58.0	160.5	<0.002	0.07	11.20	11.0	1	2.7	63.2	0.65	0.29	14.7	0.256	1.80	3.7
N828606		90.0	155.5	<0.002	0.10	10.50	10.1	1	3.0	70.1	0.69	0.19	15.0	0.250	1.70	2.8
N828607		74.5	180.5	<0.002	0.14	10.75	10.5	1	3.1	71.4	0.68	0.73	14.1	0.230	2.37	3.9
N828608		281	166.0	<0.002	0.72	23.2	9.3	1	5.9	105.0	0.68	0.51	13.0	0.240	2.97	2.3
N828609		819	184.0	<0.002	0.28	64.9	8.9	1	25.0	77.4	0.74	0.54	9.2	0.283	4.00	1.9
N828610		1070	190.0	<0.002	0.48	8.43	9.0	1	23.2	63.0	0.66	0.49	11.3	0.253	3.66	2.1
N828611		1045	189.5	<0.002	0.48	9.87	8.9	1	21.9	36.0	0.66	0.22	10.2	0.245	3.59	1.7
N828612		631	179.0	<0.002	0.39	8.75	10.0	1	10.8	45.5	0.70	0.35	16.3	0.251	3.39	3.9
N828613		1515	239	0.002	0.35	73.3	12.5	1	50.0	65.3	1.13	0.92	11.3	0.369	5.66	2.0
N828614		4.4	2.2	<0.002	0.01	0.18	0.3	<1	0.3	46.5	<0.05	<0.05	<0.2	0.005	0.03	0.5
N828615		214	175.0	<0.002	0.22	14.95	9.5	1	3.4	94.7	0.64	0.22	14.7	0.242	2.67	4.1
N828616		311	190.5	<0.002	0.33	8.23	9.6	2	7.1	69.2	0.55	0.75	14.7	0.230	2.71	3.2
N828617		109.5	138.0	<0.002	0.09	4.21	10.6	1	2.7	202	0.55	0.11	14.8	0.239	1.69	2.7
N828618		116.0	136.5	<0.002	0.05	4.80	12.1	1	2.7	121.0	0.65	0.14	15.3	0.257	1.67	4.5
N828619		119.0	139.5	<0.002	0.04	4.26	10.9	1	2.3	175.0	0.60	0.14	15.0	0.253	1.67	3.5
N828620		180.0	162.0	<0.002	0.08	6.39	10.5	1	2.5	103.5	0.62	0.21	15.3	0.265	2.14	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829785		67	2.9	25.7	1000	29.2
N829786		70	1.8	17.8	518	31.2
N829787		71	2.9	16.5	470	30.9
N829788		65	1.6	15.4	582	29.3
N829789		68	2.3	20.5	299	39.3
N829790		65	3.4	31.0	562	35.1
N829791		64	2.5	15.9	191	38.3
N829792		58	1.2	17.9	245	34.8
N829793		73	2.5	20.8	218	42.5
N829794		70	8.9	15.3	152	39.3
N829795		74	6.9	16.6	202	38.1
N829796		56	2.8	16.3	255	41.2
N829797		54	1.5	14.0	162	34.1
N829798		60	4.9	9.6	5470	25.4
N829799		66	1.2	14.1	110	33.2
N829800		63	1.0	15.0	94	32.5
N828601		71	2.9	21.5	220	38.3
N828602		57	2.5	14.1	200	35.6
N828603		67	2.1	17.7	272	33.5
N828604		63	3.3	21.0	703	30.0
N828605		73	3.9	18.4	505	31.9
N828606		71	2.6	14.6	365	32.9
N828607		66	3.0	12.8	440	31.5
N828608		59	8.5	9.0	93	32.9
N828609		67	13.2	6.1	167	37.5
N828610		65	13.7	5.8	422	34.2
N828611		65	13.5	5.3	421	34.9
N828612		70	9.5	7.5	1050	32.2
N828613		86	19.9	6.6	70	49.2
N828614		2	0.1	0.8	18	0.5
N828615		68	3.7	9.1	574	32.8
N828616		74	4.7	9.0	644	30.7
N828617		66	2.2	9.9	383	28.0
N828618		71	2.2	12.4	598	33.3
N828619		71	1.6	11.1	441	28.7
N828620		74	2.0	11.0	501	28.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144365

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144366

Project: Klaza TR-12-8

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

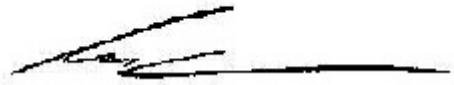
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144366

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828621		2.63	0.062	1.26	8.19	83.4	2380	1.35	1.98	0.15	2.76	43.2	6.7	7	10.85	73.5
N828622		4.01	0.066	1.50	7.70	214	1250	1.24	1.75	0.21	2.61	75.0	5.2	7	25.9	39.4
N828623		3.46	0.240	3.46	6.19	84.5	1310	1.00	3.96	0.17	0.97	52.7	0.6	6	9.44	14.0
N828624		3.04	0.097	2.46	7.53	150.5	1410	1.27	3.66	0.16	1.43	43.4	7.1	8	15.65	39.2
N828625		2.21	0.073	2.27	7.98	127.0	1870	1.41	4.07	0.19	3.19	37.8	10.0	7	14.65	33.0
N828626		3.33	0.182	4.81	7.31	202	2560	1.38	5.57	0.13	3.05	49.2	3.2	7	12.85	29.0
N828627		5.77	0.106	4.15	7.69	148.0	2500	1.37	6.47	0.15	1.61	50.8	2.2	6	18.10	52.5
N828628		3.43	0.156	3.19	7.85	133.0	3050	1.17	3.86	0.16	1.09	52.1	1.6	7	18.95	39.2
N828629		3.48	0.070	2.40	7.94	172.5	1550	1.15	4.82	0.18	1.27	56.3	1.8	7	21.2	33.0
N828630		4.30	0.282	6.53	7.58	179.5	1770	1.25	16.50	0.17	1.19	60.7	1.3	9	9.61	23.1
N828631		4.10	0.062	2.70	7.81	144.5	2210	1.42	2.92	0.39	1.56	49.7	3.1	7	12.50	46.4
N828632		3.75	0.044	1.43	7.79	53.1	2370	1.53	3.25	0.83	3.91	40.6	5.8	8	10.45	44.6
N828633		3.54	0.044	1.27	7.97	50.7	2020	1.57	2.59	0.49	2.12	36.9	4.6	8	12.85	38.7
N828634		4.67	0.071	1.23	7.81	51.6	2440	1.70	3.03	0.60	3.50	48.9	6.9	7	10.95	53.7
N828635		4.31	0.100	2.32	8.13	162.0	2280	1.79	3.62	0.18	5.59	61.3	7.1	7	22.8	66.6
N828636		3.61	0.366	6.00	7.72	132.5	1820	1.67	10.05	0.11	3.71	61.6	2.8	7	15.75	57.6
N828637		4.66	0.375	4.58	6.94	242	900	1.30	7.98	0.13	2.67	61.2	1.4	7	12.00	15.9
N828638		1.85	0.579	2.45	7.59	231	1130	1.31	1.72	0.11	2.87	54.6	2.5	7	18.00	61.7
N828639		6.56	0.150	1.40	7.81	136.5	2110	1.53	2.25	1.02	4.08	53.2	6.4	10	10.15	42.2
N828640		0.25	2.34	25.4	6.01	2930	170	1.44	19.05	2.24	85.0	41.1	10.2	19	13.75	432
N828641		2.76	0.052	0.93	7.85	49.8	2090	1.61	1.73	0.87	4.36	51.7	7.7	10	9.15	35.3
N828642		4.15	0.047	1.04	8.61	34.0	2310	1.61	1.79	0.33	4.79	39.9	8.9	8	12.45	40.5
N828643		3.07	0.115	0.53	7.72	165.0	2150	1.62	1.11	0.86	7.33	54.7	9.6	9	8.05	25.5
N828644		3.73	0.068	0.45	8.00	59.7	3820	2.30	1.50	0.30	20.3	72.6	19.7	8	17.40	56.6
N828645		2.41	0.571	1.22	7.59	124.5	1490	1.56	1.79	0.14	3.37	69.6	3.3	7	20.2	42.1
N828646		2.92	0.063	1.09	7.31	73.9	1960	1.53	2.13	0.18	4.65	38.2	7.8	9	10.00	86.3
N828647		4.51	0.060	0.94	7.98	53.8	2270	1.64	1.88	0.13	9.21	56.9	11.4	8	11.40	60.6
N828648		4.79	0.053	0.43	8.18	37.4	2390	2.09	1.37	0.14	9.23	52.1	11.7	7	13.85	75.1
N828649		2.64	0.027	0.44	8.44	25.5	2230	1.53	1.67	0.12	4.45	35.9	3.3	6	14.90	59.9
N828650		3.53	0.358	1.17	8.24	49.3	2880	1.33	2.75	0.14	2.83	42.8	2.8	7	13.80	47.6
N828651		3.88	0.050	0.52	8.62	19.5	2840	1.75	2.64	0.13	5.15	45.1	6.8	7	12.40	46.7
N828652		4.54	0.059	0.77	8.34	39.0	2930	1.94	2.01	0.12	10.25	55.1	9.0	7	15.00	40.7
N828653		3.26	0.063	1.38	8.60	45.9	2330	2.17	2.25	0.15	18.30	57.6	12.6	7	20.2	57.0
N828654		5.23	0.132	3.00	7.70	166.5	1890	1.57	4.72	0.10	4.66	64.3	3.3	7	22.0	24.1
N828655		5.63	<0.005	0.01	0.09	<5	30	0.05	0.03	21.5	0.10	1.19	1.5	<1	0.23	1.7
N828656		2.74	0.062	1.63	8.40	69.8	2700	1.31	2.05	0.14	2.02	41.4	2.3	5	9.55	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828621		4.99	17.10	0.10	1.1	0.374	3.68	25.2	26.5	0.24	285	4.85	0.16	7.2	3.0	640
N828622		5.24	16.00	0.12	1.1	0.360	3.16	44.5	14.6	0.23	432	4.03	0.05	7.1	2.5	670
N828623		2.39	14.80	0.10	1.1	0.322	2.72	29.7	11.7	0.27	155	3.18	0.09	7.2	1.2	230
N828624		5.01	16.25	0.12	1.0	0.466	3.19	24.1	10.2	0.25	649	2.74	0.05	6.2	2.6	520
N828625		5.33	17.40	0.12	1.1	0.488	2.87	21.0	14.7	0.34	544	4.28	0.16	6.2	2.9	750
N828626		4.24	18.45	0.13	1.0	0.639	3.12	28.7	10.4	0.28	206	10.65	0.07	5.7	1.7	500
N828627		3.72	17.10	0.13	1.0	0.607	3.20	27.8	20.6	0.22	134	8.79	0.06	7.1	1.9	610
N828628		3.60	16.95	0.14	1.1	0.585	3.17	28.4	13.9	0.21	130	4.32	0.08	7.4	1.8	600
N828629		3.72	17.10	0.14	1.2	0.417	2.95	30.3	24.2	0.20	136	3.60	0.09	7.7	2.0	690
N828630		2.64	17.45	0.15	1.2	0.455	3.41	34.0	11.9	0.30	228	4.02	0.16	7.5	1.5	340
N828631		4.77	16.15	0.14	1.2	0.418	3.30	27.5	15.5	0.39	189	3.87	0.86	7.4	2.3	620
N828632		4.30	18.20	0.11	1.3	0.297	2.59	22.8	15.0	0.64	379	2.92	1.73	8.2	2.9	610
N828633		3.72	18.55	0.10	1.3	0.377	2.58	24.0	14.4	0.45	310	2.30	1.59	8.1	2.7	540
N828634		3.83	17.15	0.12	1.3	0.265	2.76	27.8	13.7	0.53	364	2.27	1.30	7.7	3.2	560
N828635		3.70	18.35	0.15	1.2	0.414	3.97	33.8	18.1	0.23	431	2.94	0.30	8.2	2.7	640
N828636		3.92	16.90	0.13	1.1	1.300	3.55	35.0	12.0	0.26	388	4.25	0.07	7.1	1.9	540
N828637		2.84	17.55	0.13	1.3	0.633	3.07	34.6	14.2	0.28	256	3.40	0.12	8.8	1.4	390
N828638		6.11	15.65	0.14	1.0	0.760	3.36	32.0	11.9	0.22	382	4.24	0.06	7.4	1.9	770
N828639		4.21	17.15	0.13	1.2	0.409	2.78	33.3	16.3	0.54	450	3.86	1.64	8.0	3.3	730
N828640		6.82	14.20	0.12	0.9	1.515	2.62	21.7	26.8	0.92	1880	12.85	0.04	5.5	13.7	440
N828641		3.72	17.45	0.13	1.3	0.255	2.77	29.5	15.1	0.51	532	3.83	1.53	8.0	3.4	620
N828642		4.09	18.35	0.12	1.1	0.222	2.72	24.8	20.1	0.21	388	5.16	0.94	8.2	2.9	590
N828643		3.36	16.70	0.13	1.2	0.179	2.60	28.4	15.7	0.54	815	2.36	1.47	7.9	3.1	580
N828644		3.64	16.25	0.14	1.2	0.196	2.96	35.3	14.9	0.37	1900	2.24	0.69	7.5	4.2	610
N828645		3.27	15.40	0.12	1.1	0.190	3.19	43.3	16.6	0.28	196	7.24	0.07	6.7	2.5	490
N828646		3.52	15.20	0.11	1.1	0.276	2.82	21.3	24.1	0.23	364	9.73	0.20	6.5	3.3	620
N828647		3.69	17.15	0.14	1.1	0.351	3.00	27.9	24.5	0.21	780	3.21	0.13	7.1	2.7	600
N828648		3.88	15.80	0.13	1.3	0.182	2.92	23.2	35.3	0.13	649	3.91	0.16	8.1	3.7	590
N828649		3.43	17.20	0.11	1.2	0.208	3.09	19.1	25.3	0.17	142	4.10	0.21	8.4	1.8	560
N828650		3.12	16.70	0.11	1.3	0.203	3.03	25.0	28.2	0.18	150	3.63	0.12	7.8	2.0	570
N828651		3.05	17.40	0.12	1.3	0.167	2.60	23.6	35.6	0.17	269	5.30	0.06	7.5	2.0	620
N828652		4.01	15.75	0.15	1.2	0.234	3.01	29.7	30.0	0.21	597	3.93	0.08	7.4	2.5	620
N828653		3.86	16.25	0.14	1.2	0.354	3.37	30.1	20.5	0.24	942	5.23	0.07	7.0	3.4	620
N828654		3.58	16.60	0.14	1.4	0.498	2.82	37.0	33.0	0.24	233	7.25	0.07	7.7	1.8	520
N828655		0.50	0.78	0.20	<0.1	0.005	0.04	0.6	1.2	12.75	218	0.13	<0.01	0.3	<0.2	170
N828656		2.33	17.10	0.08	1.3	0.246	2.74	23.2	45.1	0.16	120	4.49	0.07	8.7	2.5	360

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828621		132.5	183.0	<0.002	0.09	6.28	9.4	1	3.0	85.6	0.60	0.19	17.3	0.225	2.59	3.7
N828622		260	174.0	<0.002	0.63	8.86	10.3	1	2.9	85.6	0.60	0.20	18.1	0.233	3.33	3.5
N828623		497	160.0	<0.002	0.48	11.85	8.1	1	6.4	59.5	0.62	0.41	8.1	0.233	3.17	1.6
N828624		217	191.5	<0.002	0.37	15.80	9.1	1	3.4	59.0	0.55	0.87	14.4	0.213	3.18	3.3
N828625		174.5	175.5	<0.002	0.39	8.37	10.0	2	3.9	83.2	0.57	0.55	17.8	0.214	2.90	3.6
N828626		345	171.0	<0.002	0.41	14.65	9.3	2	5.8	68.3	0.51	0.53	14.3	0.194	3.21	2.4
N828627		376	168.5	<0.002	0.40	14.25	9.6	1	3.3	85.1	0.58	0.50	15.7	0.236	3.26	3.1
N828628		233	161.0	<0.002	0.34	10.00	9.2	1	3.3	60.8	0.65	0.20	14.6	0.242	3.30	3.1
N828629		223	149.5	<0.002	0.42	11.65	10.1	1	2.6	123.0	0.66	0.23	16.8	0.253	2.81	3.1
N828630		606	182.5	<0.002	0.26	21.7	9.2	1	12.8	65.2	0.66	0.33	11.2	0.257	3.73	2.0
N828631		218	160.0	<0.002	0.30	8.98	9.9	1	2.8	148.0	0.63	0.27	17.0	0.240	2.55	3.2
N828632		172.5	124.0	<0.002	0.06	6.00	10.1	2	2.8	237	0.68	0.22	16.2	0.238	1.57	3.2
N828633		357	131.0	<0.002	0.18	7.37	10.6	1	3.9	196.0	0.66	0.30	16.3	0.233	1.75	3.0
N828634		114.5	137.5	<0.002	0.08	6.56	11.9	1	2.5	202	0.63	0.30	16.0	0.233	1.76	3.7
N828635		208	198.0	<0.002	0.28	7.69	12.3	2	3.1	96.4	0.65	0.17	16.5	0.247	3.59	4.9
N828636		505	196.0	<0.002	0.22	9.95	9.9	2	7.2	58.3	0.58	0.95	14.8	0.219	3.65	4.3
N828637		420	177.5	<0.002	0.19	13.95	8.2	1	12.0	75.6	0.71	0.33	11.2	0.265	3.34	1.8
N828638		503	180.0	<0.002	0.19	8.64	8.2	1	3.8	48.0	0.56	0.12	11.2	0.237	3.49	3.5
N828639		175.0	131.5	<0.002	0.13	5.22	9.6	1	3.0	265	0.61	0.22	15.3	0.257	1.79	3.6
N828640		2760	159.0	0.002	4.83	94.8	7.7	2	7.8	91.9	0.43	0.40	9.6	0.171	2.29	4.7
N828641		152.0	135.5	<0.002	0.07	5.85	10.6	2	2.6	231	0.66	0.34	14.2	0.256	1.67	3.4
N828642		137.0	122.0	<0.002	0.05	14.00	11.6	2	2.5	152.5	0.64	0.49	15.9	0.261	1.63	4.4
N828643		110.0	128.5	<0.002	0.06	6.98	10.4	2	2.5	211	0.67	0.16	13.7	0.251	1.76	3.4
N828644		44.1	163.5	<0.002	0.15	7.58	11.0	2	2.1	110.5	0.63	0.29	15.6	0.235	2.85	6.8
N828645		107.0	188.5	<0.002	0.29	12.95	9.6	2	3.2	80.7	0.55	0.40	12.9	0.213	3.32	4.7
N828646		181.5	149.0	<0.002	0.11	13.65	9.6	2	3.3	74.4	0.53	0.37	13.4	0.210	2.13	4.3
N828647		119.5	157.5	<0.002	0.08	17.90	9.5	1	2.8	57.0	0.60	0.35	13.9	0.230	2.35	4.7
N828648		52.6	127.0	<0.002	0.03	24.0	10.4	1	2.1	65.0	0.68	0.15	15.2	0.246	1.75	6.5
N828649		49.9	151.5	<0.002	0.02	15.45	9.9	2	2.4	61.0	0.69	0.27	15.7	0.259	2.06	4.4
N828650		166.5	158.0	<0.002	0.10	18.95	8.8	2	2.7	61.1	0.66	0.30	15.1	0.245	2.26	3.5
N828651		51.7	133.0	<0.002	0.07	21.6	10.9	2	2.2	46.3	0.66	0.16	16.5	0.236	1.91	5.1
N828652		105.0	155.5	<0.002	0.15	18.15	10.4	2	2.8	57.2	0.63	0.44	15.4	0.235	2.59	5.2
N828653		228	187.5	<0.002	0.09	9.68	11.2	2	3.5	39.6	0.60	0.36	16.1	0.229	3.19	6.5
N828654		455	168.0	<0.002	0.24	22.0	7.8	2	5.3	128.5	0.69	1.02	14.2	0.236	2.60	3.1
N828655		2.2	1.6	<0.002	0.02	0.07	<0.1	1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828656		178.5	142.5	<0.002	0.26	16.20	5.8	1	3.0	130.5	0.75	0.26	10.7	0.270	1.86	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828621		64	2.0	11.0	545	30.0
N828622		65	3.3	10.0	672	25.4
N828623		54	7.9	5.3	84	29.0
N828624		62	3.2	9.7	636	24.2
N828625		68	2.3	11.0	631	24.2
N828626		72	3.6	7.7	378	23.9
N828627		70	2.7	8.7	374	24.0
N828628		67	4.9	7.9	291	28.1
N828629		72	3.8	7.3	293	28.0
N828630		66	11.2	6.9	179	28.5
N828631		67	3.1	7.5	381	28.9
N828632		67	2.1	12.7	326	37.9
N828633		71	1.9	9.2	377	31.0
N828634		66	1.6	13.3	385	34.8
N828635		69	3.3	11.5	592	31.1
N828636		62	5.3	10.5	646	26.9
N828637		59	9.8	7.3	208	36.7
N828638		68	3.1	8.7	1260	23.3
N828639		72	2.0	13.1	349	29.1
N828640		57	4.9	8.9	5320	21.8
N828641		70	2.2	13.5	454	30.6
N828642		72	2.3	15.4	556	28.7
N828643		70	2.2	16.3	397	27.8
N828644		65	2.4	23.4	861	28.1
N828645		61	4.0	11.1	319	27.4
N828646		65	2.8	11.2	363	26.3
N828647		67	2.7	17.1	543	27.6
N828648		65	3.9	18.8	628	33.5
N828649		71	2.4	12.2	326	31.3
N828650		70	3.2	10.0	306	30.5
N828651		70	4.0	12.8	362	31.2
N828652		69	3.1	15.4	676	29.0
N828653		68	2.7	20.5	862	28.6
N828654		63	3.8	11.2	478	32.6
N828655		3	0.1	0.7	19	<0.5
N828656		64	3.2	8.3	281	31.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12144366

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144367

Project: Klaza TR-12-8

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

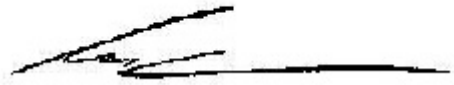
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144367

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828657		6.95	0.230	3.75	7.34	79.5	2050	1.29	5.13	0.26	2.98	48.9	2.9	12	8.96	27.0
N828658		3.59	0.168	4.04	7.36	154.0	1710	1.44	5.11	0.17	4.60	58.9	2.5	9	17.35	57.6
N828659		3.25	0.139	4.06	7.42	107.5	1940	1.57	5.66	0.09	4.15	64.1	4.3	12	11.65	38.3
N828660		3.32	0.135	4.99	6.95	160.5	1610	1.37	8.60	0.12	3.69	53.6	3.4	10	36.8	39.4
N828661		4.25	0.071	1.90	8.25	66.6	2520	1.57	3.75	0.17	4.32	49.3	7.4	12	16.55	92.1
N828662		3.06	0.039	0.90	7.79	45.1	2230	1.72	2.40	0.31	3.91	42.3	4.4	10	10.60	99.6
N828663		4.11	0.044	1.39	7.73	95.4	2330	1.88	3.33	0.13	4.23	42.8	6.8	10	13.05	97.5
N828664		3.79	1.210	50.9	7.14	568	2120	1.73	47.6	0.14	6.18	70.0	2.8	18	20.1	371
N828665		4.41	0.916	9.43	7.82	225	1630	2.02	16.80	0.16	6.68	66.5	5.3	24	16.35	297
N828666		4.01	0.080	1.49	8.24	52.5	1730	2.42	1.71	0.31	23.9	66.1	9.6	25	18.70	147.5
N828667		3.49	0.040	1.16	7.48	51.8	2100	1.95	1.31	0.24	14.00	65.1	9.7	23	13.75	107.0
N828668		4.50	0.059	1.33	8.07	70.6	1370	2.90	1.23	0.28	34.2	76.0	18.6	27	14.15	258
N828669		3.91	0.228	6.26	6.27	129.5	860	1.62	4.25	0.13	6.89	56.0	2.5	10	15.40	95.0
N828670		3.90	0.042	1.91	7.13	114.5	1410	1.38	2.07	0.15	6.08	53.9	4.7	8	14.40	59.8
N828671		3.00	0.061	1.92	7.21	161.0	1290	1.42	1.96	0.12	4.01	52.8	5.3	7	10.15	50.6
N828672		2.67	0.196	2.22	4.18	92.5	1550	0.90	1.91	0.06	1.61	31.2	1.6	20	4.72	35.1
N828673		4.12	0.087	1.54	8.03	85.4	2840	1.83	1.79	0.15	15.60	49.2	15.2	11	7.52	93.3
N828674		3.58	0.050	1.43	7.60	65.2	1940	1.76	1.65	0.16	5.63	57.9	5.9	10	5.92	93.4
N828675		4.41	0.082	1.52	8.11	90.9	2250	1.46	2.33	0.22	5.38	36.2	4.2	8	9.32	43.2
N828676		4.21	0.055	1.55	8.09	101.0	2440	1.81	2.42	0.17	6.88	54.3	6.2	9	8.32	70.6
N828677		4.37	0.050	0.97	8.14	69.1	2190	1.67	1.77	0.15	8.25	46.8	8.8	10	7.91	58.0
N828678		3.69	0.032	1.06	7.70	53.7	7210	1.64	1.60	0.15	8.80	43.2	15.8	11	8.26	69.2
N828679		0.19	2.25	26.5	6.10	2850	980	1.46	18.85	2.28	82.7	42.5	10.6	19	13.10	436
N828680		3.91	0.072	1.61	6.94	92.2	2620	1.26	4.43	0.15	4.91	34.7	14.4	14	7.91	194.0
N828681		2.90	0.058	1.01	7.44	60.2	3070	1.59	3.70	0.17	4.34	46.6	6.2	12	7.48	102.0
N828682		3.62	0.057	0.77	8.24	39.4	2420	1.49	6.12	0.22	4.26	30.0	4.8	9	8.49	52.7
N828683		2.22	0.033	0.67	8.20	50.5	2820	1.90	3.26	0.30	6.39	42.5	5.5	9	10.80	67.7
N828684		3.32	0.025	0.54	8.31	38.3	2460	1.34	1.25	0.20	4.93	41.0	3.1	12	10.30	38.6
N828685		3.56	0.072	2.43	7.32	126.5	1670	1.69	2.04	0.12	6.17	69.9	1.6	11	14.95	125.0
N828686		2.87	0.033	1.21	7.54	77.5	1570	1.68	1.96	0.11	3.88	54.3	1.9	9	8.96	84.9
N828687		2.35	0.386	2.75	7.09	171.5	2600	1.57	1.80	0.16	7.64	59.8	1.8	8	12.50	104.0
N828688		2.83	0.038	0.87	8.26	35.8	1490	1.83	1.33	0.14	4.17	56.0	2.0	8	9.22	80.8
N828689		2.29	0.049	2.26	8.28	57.0	1890	2.06	1.23	0.10	5.37	41.3	2.1	10	7.57	105.5
N828690		3.21	0.058	2.38	6.57	77.7	1830	1.25	1.53	0.18	5.27	36.9	1.3	13	9.75	67.3
N828691		2.08	<0.005	0.02	0.10	<5	20	0.07	0.03	21.6	0.11	1.24	1.3	1	0.26	2.1
N828692		3.20	0.107	2.75	7.16	156.5	2040	1.40	2.61	0.16	3.35	46.5	1.0	11	7.78	68.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828657		3.04	15.60	0.11	1.2	0.660	3.15	27.1	14.3	0.30	265	7.81	0.29	6.6	2.3	410
N828658		4.70	16.80	0.12	1.2	1.195	3.15	36.0	13.9	0.24	211	6.49	0.08	7.2	2.5	510
N828659		5.10	15.35	0.11	1.0	1.340	3.38	36.4	8.2	0.27	224	4.99	0.06	5.5	1.4	520
N828660		5.14	16.00	0.14	1.2	0.700	2.83	34.1	18.0	0.28	232	4.60	0.05	6.5	1.7	380
N828661		4.98	16.85	0.12	1.1	0.401	3.15	29.7	24.7	0.42	410	3.82	0.11	6.8	2.9	650
N828662		3.99	16.80	0.11	1.1	0.301	3.15	21.8	10.4	0.37	253	3.06	1.00	6.7	3.2	560
N828663		4.37	16.50	0.11	1.2	0.514	3.39	23.0	26.1	0.30	372	4.24	0.13	7.1	4.5	630
N828664		5.47	19.00	0.13	2.3	2.92	2.76	45.3	21.9	0.25	158	9.35	0.07	7.5	3.6	860
N828665		5.40	18.50	0.13	3.3	0.758	2.91	38.4	28.0	0.23	246	9.49	0.06	9.3	6.5	820
N828666		3.75	19.50	0.13	3.3	0.249	3.06	34.8	46.7	0.22	1040	5.52	0.06	10.1	10.3	920
N828667		3.05	17.75	0.12	3.6	0.140	2.67	33.3	97.2	0.21	827	12.30	0.07	9.3	10.0	830
N828668		4.40	21.5	0.10	3.8	0.158	2.74	34.0	96.6	0.25	1670	10.20	0.15	10.1	17.2	940
N828669		3.49	15.50	0.08	1.5	0.522	2.56	31.2	28.1	0.22	215	12.95	0.06	7.1	3.1	400
N828670		5.15	15.75	0.08	1.3	0.414	2.56	29.6	23.0	0.19	359	5.12	0.05	7.8	3.4	750
N828671		3.79	16.05	0.08	1.2	0.429	2.46	29.0	33.9	0.21	323	7.28	0.05	6.9	3.1	530
N828672		1.84	10.85	<0.05	0.8	0.299	1.93	17.4	11.1	0.19	83	23.1	0.05	4.0	1.8	250
N828673		3.15	18.10	0.09	1.1	0.411	3.26	22.3	19.6	0.32	977	4.75	0.18	6.0	4.1	670
N828674		2.98	16.95	0.11	1.0	0.254	2.78	28.4	17.1	0.26	204	8.79	0.34	4.6	3.1	650
N828675		3.18	18.00	0.09	1.1	0.196	3.25	18.6	21.6	0.34	208	3.10	0.36	7.3	2.9	520
N828676		3.87	17.50	0.12	1.0	0.413	3.03	25.9	11.0	0.29	199	15.85	0.91	5.4	3.7	660
N828677		3.71	15.35	0.12	1.0	0.381	3.17	21.1	9.4	0.33	328	8.91	0.67	4.6	4.0	660
N828678		3.67	16.45	0.11	1.1	0.222	3.31	19.8	13.0	0.40	433	5.61	0.16	5.7	4.1	640
N828679		6.97	14.50	0.10	1.0	1.610	2.66	21.4	25.4	0.94	1900	13.50	0.04	5.9	15.8	450
N828680		3.43	15.05	0.09	1.2	0.215	3.05	17.5	14.6	0.28	203	11.95	0.34	5.3	2.7	600
N828681		3.06	16.70	0.10	1.2	0.147	3.03	24.6	14.9	0.33	179	5.14	0.32	5.7	3.3	530
N828682		2.84	17.35	0.09	1.2	0.199	2.91	16.9	18.5	0.21	182	1.85	0.46	7.5	2.1	520
N828683		4.55	16.70	0.12	1.2	0.268	2.68	22.0	13.3	0.50	305	2.60	1.08	7.4	3.1	580
N828684		3.39	16.55	0.10	1.2	0.163	3.03	23.8	22.3	0.25	180	2.05	0.21	7.6	2.6	520
N828685		3.72	14.65	0.12	1.0	0.821	3.10	39.9	13.3	0.26	163	3.11	0.07	6.0	2.4	580
N828686		2.95	14.75	0.12	1.0	0.551	2.69	28.8	22.5	0.25	125	2.61	0.05	5.7	4.7	560
N828687		5.03	14.55	0.13	0.9	0.534	2.98	33.3	12.5	0.26	246	3.75	0.05	6.1	2.8	560
N828688		2.77	16.20	0.11	1.1	0.301	2.66	26.1	27.8	0.24	175	1.54	0.10	7.2	1.9	520
N828689		3.56	15.90	0.13	1.0	0.628	3.45	17.5	13.3	0.31	166	3.78	0.05	5.7	3.4	650
N828690		5.05	12.60	0.11	0.8	1.490	2.93	17.9	11.4	0.26	223	6.16	0.06	4.0	1.6	670
N828691		0.50	0.67	0.19	<0.1	0.008	0.04	0.6	1.2	12.80	210	0.66	0.01	0.3	<0.2	170
N828692		5.10	14.65	0.12	1.0	0.646	3.23	21.7	36.2	0.30	187	5.23	0.07	5.4	1.8	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828657		406	157.0	0.003	0.14	10.65	8.4	1	5.7	74.0	0.62	0.60	11.7	0.227	2.64	3.2
N828658		608	177.5	0.005	0.51	8.82	9.4	1	8.3	43.1	0.63	0.29	13.2	0.206	2.92	3.3
N828659		625	183.0	0.008	0.26	6.49	9.7	<1	6.1	25.0	0.46	0.75	14.3	0.172	2.97	3.7
N828660		485	164.0	0.009	0.12	15.90	8.2	<1	7.1	38.9	0.59	0.74	9.5	0.191	2.90	2.4
N828661		206	156.0	0.007	0.15	9.04	10.8	1	3.1	78.2	0.64	0.31	16.0	0.220	2.30	4.9
N828662		89.5	164.5	0.004	0.07	6.21	10.8	1	2.8	127.0	0.57	0.27	14.1	0.209	2.43	5.0
N828663		302	166.5	<0.002	0.12	8.52	10.5	1	3.5	72.2	0.62	0.20	15.6	0.215	2.67	6.8
N828664		5010	162.0	0.004	0.41	74.9	9.1	2	50.7	195.5	0.61	0.65	15.7	0.218	2.55	6.4
N828665		882	148.5	0.008	0.14	55.7	9.4	2	8.2	150.0	0.74	0.27	14.5	0.259	2.63	10.1
N828666		165.0	140.0	0.005	0.08	26.0	8.2	1	2.2	107.0	0.79	<0.05	13.4	0.250	2.75	9.9
N828667		123.0	124.0	0.003	0.09	34.6	7.7	1	1.7	143.5	0.78	<0.05	12.6	0.236	2.39	9.8
N828668		106.5	137.0	<0.002	0.07	30.1	11.3	2	1.8	217	0.73	0.07	12.6	0.256	2.45	14.9
N828669		445	152.0	<0.002	0.22	41.3	9.9	1	6.2	77.9	0.57	0.20	11.3	0.212	2.77	5.1
N828670		364	140.5	<0.002	0.25	15.95	12.2	2	2.9	73.6	0.65	0.19	20.1	0.228	2.63	6.5
N828671		573	139.5	<0.002	0.32	17.55	10.3	1	3.2	77.0	0.58	0.24	17.8	0.216	2.15	4.7
N828672		627	118.0	0.003	0.24	13.95	7.2	1	2.6	39.0	0.33	0.31	8.4	0.124	1.57	2.0
N828673		173.0	174.0	<0.002	0.20	8.93	11.9	1	2.8	43.9	0.50	0.40	17.7	0.179	2.58	5.6
N828674		296	138.5	0.002	0.11	10.15	9.3	1	2.8	38.2	0.40	0.31	16.1	0.150	2.06	4.1
N828675		231	148.5	<0.002	0.12	10.20	10.1	1	3.9	79.6	0.61	0.21	13.2	0.221	1.97	3.8
N828676		212	147.0	0.006	0.14	9.50	11.4	2	3.4	87.9	0.45	0.46	14.7	0.171	2.14	4.4
N828677		144.5	156.0	<0.002	0.06	8.73	9.5	1	3.0	59.8	0.46	0.29	14.7	0.160	2.41	4.7
N828678		141.0	172.0	<0.002	0.22	8.85	10.3	2	2.8	98.8	0.49	0.28	14.3	0.179	2.64	3.9
N828679		2830	158.5	0.002	4.93	95.2	8.5	2	8.1	92.5	0.46	0.44	10.2	0.181	2.31	5.2
N828680		114.5	140.5	<0.002	0.18	19.70	9.9	1	1.8	68.3	0.46	0.23	13.9	0.176	1.86	5.3
N828681		88.6	154.0	<0.002	0.13	15.05	9.8	1	2.0	67.5	0.51	0.17	13.5	0.182	2.03	4.8
N828682		66.7	123.0	<0.002	0.06	30.0	10.6	1	2.4	86.5	0.66	0.08	13.0	0.239	1.55	4.3
N828683		68.1	119.5	<0.002	0.09	10.05	11.1	2	2.8	139.5	0.68	0.15	16.0	0.228	1.54	5.7
N828684		62.0	120.0	<0.002	0.11	12.00	10.0	1	2.4	96.7	0.68	0.06	15.4	0.244	1.47	4.9
N828685		691	168.5	<0.002	0.43	10.25	10.2	1	5.5	64.3	0.51	0.19	15.1	0.186	2.53	5.0
N828686		180.0	132.5	<0.002	0.23	16.85	9.9	1	3.0	50.7	0.52	0.18	14.4	0.182	2.23	6.0
N828687		514	160.5	<0.002	0.60	19.10	9.8	1	7.1	42.0	0.52	0.28	13.0	0.201	2.69	4.9
N828688		118.0	138.5	<0.002	0.21	19.20	10.4	2	3.6	87.9	0.63	0.15	14.7	0.228	2.01	4.2
N828689		648	188.5	<0.002	0.12	12.30	10.7	2	4.6	25.0	0.49	0.27	15.0	0.185	2.99	4.7
N828690		1235	150.5	<0.002	0.97	8.92	9.3	1	4.6	37.9	0.37	0.24	16.6	0.135	2.72	2.9
N828691		5.2	2.0	<0.002	0.01	0.23	0.5	1	<0.2	45.0	<0.05	<0.05	0.2	<0.005	0.02	0.5
N828692		628	189.5	<0.002	0.69	7.32	9.5	1	7.6	32.8	0.47	0.34	15.2	0.179	2.78	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828657		57	4.3	11.4	424	28.8
N828658		61	4.8	12.7	717	28.5
N828659		58	3.4	11.0	929	24.2
N828660		51	4.6	9.3	762	30.4
N828661		61	2.2	13.7	703	28.7
N828662		64	1.8	13.3	480	29.9
N828663		64	2.9	13.4	811	29.6
N828664		64	6.0	14.0	680	69.3
N828665		70	4.5	19.8	1220	118.5
N828666		70	6.3	21.1	865	113.5
N828667		63	4.5	17.8	711	109.5
N828668		74	5.2	31.1	1510	147.0
N828669		58	6.1	11.6	549	49.2
N828670		62	2.6	15.5	1290	35.0
N828671		60	2.7	12.4	835	30.0
N828672		47	2.4	5.4	105	20.1
N828673		64	1.9	14.0	663	30.1
N828674		53	1.6	9.8	403	26.7
N828675		67	2.4	12.5	459	29.4
N828676		66	1.7	16.0	521	26.2
N828677		63	1.4	12.8	739	22.5
N828678		56	1.6	13.7	627	27.6
N828679		58	5.3	9.5	5410	24.9
N828680		68	1.9	12.4	296	29.4
N828681		78	2.1	12.6	357	29.9
N828682		69	2.6	14.7	384	30.6
N828683		67	1.5	19.1	639	29.7
N828684		66	2.7	14.2	421	31.3
N828685		64	2.7	13.0	384	25.8
N828686		57	1.7	11.8	329	24.6
N828687		72	4.4	12.1	580	24.1
N828688		72	2.1	12.7	294	29.9
N828689		54	2.1	10.6	381	26.2
N828690		47	2.5	6.3	330	19.3
N828691		3	0.1	0.7	21	<0.5
N828692		60	4.2	7.0	390	23.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144367

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144368

Project: Klaza TR-12-8

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

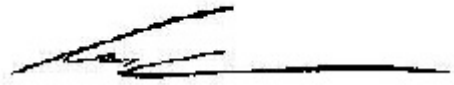
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144368

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828693		3.28	0.017	0.53	7.13	35.5	1440	1.42	1.00	0.12	2.03	50.5	1.9	7	7.36	25.4
N828694		4.75	0.063	0.95	7.77	48.0	1560	1.69	2.26	0.10	2.52	51.8	2.4	8	8.56	26.0
N828695		2.90	0.190	2.10	7.58	104.5	1420	1.62	5.16	0.08	6.36	69.1	2.4	7	8.23	34.5
N828696		2.64	0.409	2.58	7.64	146.0	1220	1.63	3.32	0.08	6.44	64.4	2.6	7	8.78	27.1
N828697		2.37	0.050	0.96	8.45	75.4	1630	2.13	2.08	0.09	4.02	59.1	2.9	8	9.29	57.2
N828698		3.05	0.206	1.12	8.31	68.5	1210	1.70	3.47	0.10	5.46	50.6	3.3	9	8.73	92.2
N828699		3.94	0.107	1.80	8.25	95.4	1350	1.78	4.18	0.13	3.00	61.6	3.2	9	9.17	48.1
N828700		4.77	0.085	4.64	7.85	302	1170	1.45	3.97	0.13	2.92	49.9	1.9	9	14.20	33.4
N828701		3.16	0.264	16.40	8.13	430	1390	1.37	15.85	0.10	2.08	63.9	0.8	7	13.30	17.2
N828702		2.70	0.044	2.73	8.00	638	840	1.42	2.42	0.16	3.64	60.3	3.9	10	20.2	43.0
N828703		3.20	0.080	2.48	8.77	88.8	2180	1.15	3.78	0.15	1.67	38.2	2.5	9	10.10	41.6
N828704		2.68	0.102	4.13	8.14	155.0	1890	1.63	10.00	0.37	2.61	53.5	5.3	7	13.40	71.6
N828705		2.18	0.049	1.17	7.81	50.5	2540	1.51	1.26	0.95	2.00	55.3	4.4	9	6.85	19.6
N828706		0.26	2.17	25.9	5.89	3400	650	1.13	19.05	2.10	73.8	41.0	10.1	18	13.10	424
N828707		2.10	0.047	4.24	7.97	52.2	2450	1.53	5.08	0.57	1.63	55.1	3.9	10	7.00	44.1
N828708		2.82	0.026	0.91	8.31	54.9	2210	1.48	1.74	0.40	3.27	41.2	5.0	9	10.80	18.8
N828709		2.64	0.168	0.75	8.37	35.8	2030	1.77	1.48	0.25	4.58	56.9	4.0	9	9.87	31.3
N828710		2.66	0.061	0.75	8.31	31.3	1730	1.91	1.44	0.13	14.50	81.7	12.0	7	10.30	45.1
N828711		2.76	0.094	1.44	8.33	30.6	1590	1.59	2.42	0.12	4.77	40.0	3.4	8	8.19	32.6
N828712		2.62	0.052	1.48	6.87	37.8	2070	1.64	2.62	0.16	10.55	48.5	10.1	8	10.55	29.2
N828713		3.42	0.030	0.85	7.77	51.7	1500	1.72	1.58	0.22	10.95	61.0	9.8	8	15.15	10.8
N828714		2.13	0.023	0.66	8.03	36.6	1720	1.76	1.15	0.58	20.8	61.4	19.5	8	10.15	16.7
N828715		2.71	0.030	0.69	8.72	30.5	1880	1.33	1.41	0.27	8.12	49.3	9.7	8	12.15	18.0
N828716		2.75	0.020	0.67	8.46	21.3	1370	1.51	1.35	0.16	12.10	50.9	17.9	8	12.35	23.8
N828717		2.98	0.016	0.63	8.24	18.1	1950	1.49	1.19	0.32	3.44	34.9	6.1	7	11.75	8.9
N828718		2.66	0.017	0.89	7.96	31.6	960	1.52	1.54	0.14	4.21	51.0	7.2	7	16.65	9.6
N828719		2.60	0.021	0.73	6.85	87.9	1080	1.46	1.47	0.11	3.81	62.0	3.7	8	10.45	20.6
N828720		2.52	0.012	0.42	8.53	26.7	1510	1.35	0.72	0.14	3.79	47.1	4.8	7	11.95	14.7
N828721		2.80	0.020	0.51	8.77	29.1	1890	1.55	0.73	0.33	8.00	57.2	11.0	10	12.80	14.5
N828722		2.73	0.017	0.41	8.58	34.4	2280	1.07	0.50	0.28	6.96	46.2	8.8	9	10.90	6.6
N828723		2.22	0.022	0.75	8.03	58.4	1580	1.54	1.51	0.14	16.30	58.6	12.1	8	11.45	21.9
N828724		2.91	0.059	3.59	7.77	107.0	2490	2.02	7.50	0.17	26.6	75.5	20.4	8	18.40	68.6
N828725		3.61	0.445	22.6	7.09	296	1680	1.51	34.8	0.12	9.90	60.5	4.3	8	18.65	84.4
N828726		5.12	0.113	18.90	7.63	84.8	1730	1.18	23.3	0.19	3.77	52.4	4.5	8	12.45	27.4
N828727		3.72	<0.005	0.31	0.08	<5	30	0.07	0.16	21.0	0.11	1.15	0.7	1	0.27	3.0
N828728		3.53	0.079	1.01	7.69	136.0	2030	1.72	1.15	0.24	27.4	75.8	15.9	7	14.95	33.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828693		3.11	16.35	0.12	0.8	0.431	2.65	21.3	25.8	0.26	144	2.46	0.07	6.7	1.2	670
N828694		2.92	17.40	0.13	1.0	0.532	3.11	24.6	22.6	0.32	185	3.88	0.06	6.9	1.5	600
N828695		3.33	17.60	0.18	1.0	0.642	3.37	40.2	25.3	0.27	244	3.00	0.07	6.5	1.5	320
N828696		3.80	16.55	0.18	0.9	1.670	3.32	38.4	32.0	0.30	236	4.37	0.07	7.3	1.5	270
N828697		3.52	17.70	0.19	1.1	0.703	3.64	34.2	33.9	0.33	192	3.57	0.09	7.6	2.1	560
N828698		5.58	18.60	0.24	1.1	0.520	3.14	25.3	29.9	0.30	187	2.27	0.10	7.2	2.0	620
N828699		4.18	18.55	0.24	1.0	0.775	3.42	34.7	15.9	0.30	214	3.94	0.11	7.1	1.9	660
N828700		5.54	16.80	0.14	1.1	0.941	3.23	31.2	7.2	0.27	275	2.99	0.05	7.0	1.7	490
N828701		3.17	17.85	0.17	1.2	0.725	3.53	37.9	8.4	0.29	172	2.76	0.04	7.5	0.9	270
N828702		8.04	16.80	0.14	1.5	0.782	3.08	34.9	10.1	0.24	394	3.59	0.05	8.1	2.7	800
N828703		3.23	17.65	0.13	1.2	0.152	3.03	21.5	23.3	0.20	148	1.76	0.14	7.7	1.6	550
N828704		4.74	16.05	0.15	1.2	0.180	2.82	28.0	15.9	0.52	294	2.65	0.52	7.3	2.8	610
N828705		2.99	16.35	0.12	1.2	0.147	2.75	26.5	22.6	0.62	437	5.34	1.59	7.8	3.0	550
N828706		6.44	13.65	0.13	0.9	1.575	2.51	22.2	22.9	0.85	1830	13.55	0.04	5.3	14.3	420
N828707		3.14	16.10	0.14	1.1	0.265	3.09	30.8	17.4	0.41	318	1.78	0.84	7.1	2.6	480
N828708		3.29	16.70	0.14	1.1	0.134	3.03	24.4	17.2	0.35	327	1.90	0.90	7.7	2.8	570
N828709		3.36	17.75	0.14	1.0	0.198	2.87	33.9	14.8	0.29	293	2.04	0.73	7.3	2.5	570
N828710		2.91	17.95	0.16	1.0	0.237	2.79	34.1	22.9	0.27	1660	1.54	0.17	6.9	2.9	560
N828711		2.91	17.45	0.14	1.2	0.382	2.94	21.6	18.6	0.28	305	5.00	0.08	5.8	1.7	560
N828712		3.71	14.45	0.13	0.8	0.364	2.36	25.1	17.4	0.25	1100	2.94	0.16	5.3	3.6	530
N828713		3.58	17.70	0.15	1.0	0.459	2.23	31.5	20.2	0.28	1100	1.73	0.58	6.7	3.9	550
N828714		3.47	16.30	0.14	1.1	0.163	2.05	26.0	12.3	0.54	3350	1.47	1.89	7.2	5.1	620
N828715		3.41	18.40	0.16	1.1	0.178	2.38	33.6	23.9	0.35	988	1.82	0.41	8.2	3.4	580
N828716		3.15	18.40	0.15	1.0	0.253	2.02	21.5	24.6	0.22	1740	1.03	0.26	8.4	3.2	510
N828717		3.44	15.80	0.12	1.0	0.178	1.76	19.7	17.8	0.45	361	1.00	1.22	7.0	3.7	570
N828718		2.74	17.45	0.12	1.0	0.386	1.69	34.5	37.4	0.20	428	1.20	0.18	6.0	1.9	410
N828719		2.86	13.85	0.14	0.9	0.210	2.14	37.5	27.7	0.20	204	5.03	0.10	5.1	2.5	500
N828720		3.23	17.90	0.15	1.2	0.199	2.37	24.8	33.7	0.16	192	1.41	0.07	7.4	2.1	660
N828721		4.04	18.20	0.14	1.1	0.103	2.62	30.0	23.2	0.26	635	1.99	0.54	7.4	3.6	650
N828722		3.60	16.55	0.13	1.2	0.058	2.92	27.2	21.1	0.22	661	2.10	0.25	7.5	3.1	620
N828723		3.60	16.40	0.13	1.1	0.196	2.84	31.5	29.5	0.21	1980	1.86	0.10	6.6	3.6	540
N828724		3.98	17.10	0.16	1.0	0.267	2.76	43.9	27.7	0.21	2210	5.01	0.06	6.6	5.7	660
N828725		3.77	16.25	0.18	1.1	0.634	2.89	41.9	17.1	0.23	528	5.46	0.04	7.0	2.8	480
N828726		2.80	15.65	0.13	1.3	0.242	2.76	32.6	21.1	0.30	368	1.92	0.12	8.4	2.5	470
N828727		0.50	0.25	0.08	<0.1	0.009	0.03	0.6	1.1	12.25	209	0.12	<0.01	0.2	1.8	180
N828728		4.41	16.90	0.20	1.1	0.213	3.03	42.4	20.1	0.21	2830	3.47	0.07	7.3	3.9	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828693		51.5	157.0	<0.002	0.40	13.65	11.2	1	3.2	32.1	0.55	0.30	16.9	0.182	2.22	3.6
N828694		119.5	195.5	<0.002	0.30	10.05	12.7	1	4.5	45.3	0.56	0.64	18.0	0.193	2.53	4.7
N828695		217	234	<0.002	0.13	10.70	9.8	1	7.3	21.7	0.56	0.80	11.2	0.167	3.00	2.5
N828696		201	224	<0.002	0.16	12.45	10.5	1	7.0	22.6	0.61	0.54	11.1	0.205	3.15	2.7
N828697		153.0	214	<0.002	0.11	9.13	11.8	1	5.5	28.2	0.63	0.36	15.0	0.219	3.21	4.9
N828698		138.0	190.5	<0.002	0.07	17.55	11.8	2	4.6	23.7	0.57	0.67	17.2	0.186	2.65	4.4
N828699		253	202	<0.002	0.08	13.50	12.2	1	4.5	29.7	0.59	0.77	16.8	0.199	3.02	4.8
N828700		396	196.5	0.003	0.16	8.87	10.0	1	7.8	25.4	0.62	0.24	14.7	0.211	3.65	3.8
N828701		476	212	0.002	0.23	21.9	9.9	<1	9.3	41.6	0.65	0.34	12.8	0.228	3.79	3.0
N828702		299	181.0	0.004	0.23	14.10	10.3	1	4.1	39.8	0.66	0.12	18.0	0.229	3.72	6.4
N828703		117.5	133.5	<0.002	0.06	11.40	10.5	<1	2.8	71.2	0.67	0.07	17.0	0.245	1.94	6.4
N828704		174.0	134.5	0.002	0.04	8.60	11.4	1	3.3	100.0	0.61	0.19	16.6	0.223	1.78	5.6
N828705		93.7	140.0	0.003	0.08	22.2	10.2	1	2.6	283	0.63	0.09	12.5	0.251	1.71	3.4
N828706		2640	156.0	0.002	4.60	85.3	7.6	1	7.8	86.2	0.43	0.43	10.3	0.167	2.47	5.2
N828707		161.0	159.0	<0.002	0.05	9.15	8.9	1	3.9	162.5	0.61	0.13	13.0	0.233	2.28	3.2
N828708		85.3	132.0	0.004	0.03	11.25	10.0	1	2.3	146.5	0.65	0.13	14.5	0.254	1.84	3.7
N828709		56.1	140.5	0.002	0.06	11.35	11.3	1	2.7	86.3	0.58	0.15	16.9	0.226	2.18	3.7
N828710		34.6	156.5	0.002	0.02	17.05	11.3	1	2.6	31.2	0.56	0.14	16.0	0.211	2.15	3.8
N828711		200	163.0	0.003	0.03	12.95	10.7	1	3.2	22.2	0.54	0.35	15.9	0.191	2.37	2.7
N828712		147.0	126.0	0.003	0.08	13.60	9.7	1	2.8	39.6	0.43	0.45	13.0	0.165	1.76	3.2
N828713		60.2	128.0	<0.002	0.03	5.47	10.6	1	3.6	50.7	0.55	0.28	14.5	0.202	2.01	2.4
N828714		73.4	91.3	0.004	0.03	4.96	10.2	1	2.7	242	0.66	0.22	14.9	0.228	1.42	3.8
N828715		68.5	106.5	<0.002	0.02	7.43	11.6	2	3.1	79.6	0.65	0.24	16.1	0.263	1.56	3.5
N828716		61.5	103.0	<0.002	0.02	12.45	11.4	1	3.3	44.0	0.66	0.20	16.5	0.251	1.57	4.0
N828717		66.9	83.4	0.003	0.05	4.68	10.8	1	2.8	147.0	0.59	0.15	16.8	0.225	1.37	5.6
N828718		48.9	102.5	0.005	0.08	20.2	12.0	1	3.2	51.7	0.51	0.28	17.6	0.190	1.58	4.0
N828719		171.0	111.0	0.003	0.09	25.0	8.2	1	2.3	86.9	0.44	0.41	14.4	0.166	1.72	4.3
N828720		49.3	118.0	0.002	0.03	24.3	11.0	1	2.5	47.7	0.62	0.09	15.5	0.226	1.55	3.9
N828721		55.5	113.0	0.003	0.03	11.75	11.9	1	2.2	107.0	0.62	0.08	15.5	0.250	1.48	4.4
N828722		41.5	116.0	<0.002	0.01	11.25	10.2	1	1.5	83.5	0.66	0.12	14.6	0.248	1.35	3.5
N828723		87.4	150.0	<0.002	0.03	19.00	10.3	1	2.7	55.1	0.55	0.15	15.7	0.212	2.26	4.0
N828724		159.5	157.0	0.004	0.10	29.8	11.6	1	3.1	59.8	0.54	2.22	15.8	0.199	2.47	6.1
N828725		449	176.5	0.003	0.17	44.1	9.7	1	5.0	48.1	0.56	0.40	14.7	0.209	3.34	4.4
N828726		181.5	134.5	0.003	0.07	22.3	9.6	1	3.1	57.8	0.73	0.11	12.7	0.263	1.93	3.1
N828727		2.7	1.8	0.003	0.03	0.19	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N828728		159.5	161.0	0.008	0.06	10.55	10.4	1	2.7	51.5	0.60	<0.05	13.8	0.226	2.60	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828693		58	1.4	10.6	246	26.4
N828694		66	1.9	11.8	271	31.4
N828695		53	3.3	12.2	438	31.3
N828696		59	5.7	11.5	841	27.8
N828697		70	2.7	14.4	567	34.7
N828698		73	2.1	14.6	459	33.5
N828699		66	4.0	13.0	736	32.6
N828700		62	8.2	10.6	960	30.4
N828701		66	9.9	9.2	368	32.2
N828702		69	7.0	13.9	1550	39.7
N828703		65	3.2	12.8	389	31.1
N828704		64	2.3	18.5	505	32.3
N828705		71	2.2	11.9	211	30.8
N828706		54	5.0	9.4	5210	23.9
N828707		62	6.4	11.1	416	28.8
N828708		69	2.7	16.1	379	27.8
N828709		68	2.7	17.6	350	25.9
N828710		69	2.7	22.4	436	25.7
N828711		65	2.0	15.6	283	28.0
N828712		56	1.9	17.4	362	21.2
N828713		68	1.6	22.4	640	23.5
N828714		66	1.3	20.0	865	27.1
N828715		72	2.0	22.0	586	28.4
N828716		68	2.6	17.5	625	27.6
N828717		66	1.6	19.6	547	24.3
N828718		65	2.5	18.7	363	25.0
N828719		53	2.3	15.7	345	22.2
N828720		65	5.0	20.1	506	28.1
N828721		73	2.8	22.6	725	28.2
N828722		67	3.0	18.9	564	29.2
N828723		63	2.7	18.7	859	27.7
N828724		66	3.2	29.1	911	29.3
N828725		59	5.5	19.1	590	29.1
N828726		60	5.0	15.3	290	31.2
N828727		2	0.1	0.8	20	<0.5
N828728		62	3.6	23.2	1110	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144368

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144369

Project: Klaza TR-12-8

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

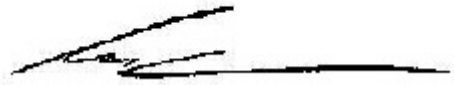
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144369

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828729		2.80	0.319	2.98	7.16	447	1920	1.37	2.33	0.10	9.64	54.4	2.4	6	13.20	138.5
N828730		2.73	0.034	0.79	7.79	104.5	1240	1.80	1.01	0.20	23.5	55.0	12.1	6	20.8	28.6
N828731		4.75	0.022	0.62	8.20	34.9	2230	1.26	1.02	0.34	4.76	42.5	5.6	6	13.00	10.4
N828732		2.07	0.015	0.39	7.71	32.9	2310	1.65	0.49	0.77	10.60	59.3	10.0	6	10.70	6.7
N828733		3.68	0.021	0.46	8.17	28.5	2300	1.65	0.66	0.51	8.35	52.5	7.8	8	10.25	8.8
N828734		3.27	0.015	0.36	8.44	19.0	2480	1.56	0.55	0.44	7.36	62.8	8.1	6	11.10	10.2
N828735		5.07	0.048	0.62	8.29	35.4	2480	1.39	1.68	0.17	5.26	43.8	7.7	7	9.81	9.2
N828736		2.80	0.017	0.67	7.10	24.4	2120	1.49	1.73	0.33	7.68	62.8	21.8	7	10.75	27.2
N828737		3.56	0.023	0.63	7.40	49.5	2560	1.56	1.62	0.50	6.10	52.0	16.7	14	9.08	28.2
N828738		3.36	0.018	0.45	7.66	34.2	2140	1.66	1.00	0.71	7.66	63.5	12.0	10	9.70	22.8
N828739		2.56	0.010	0.35	8.02	18.4	2820	1.41	0.52	0.29	15.65	62.2	8.6	8	10.50	9.9
N828740		2.39	0.013	0.43	8.66	49.7	3510	1.57	0.80	0.30	21.2	59.9	12.8	8	12.05	19.1
N828741		0.21	2.39	25.0	6.20	2940	450	1.41	20.1	2.30	77.3	40.4	10.2	18	13.00	442
N828742		2.62	0.058	1.88	8.13	74.6	1620	1.61	1.71	0.24	26.1	54.3	9.3	8	10.25	37.7
N828743		3.31	1.285	53.4	7.22	630	890	1.56	103.5	0.08	9.17	57.5	2.6	7	12.45	451
N828744		2.42	0.116	2.75	8.34	176.5	910	1.85	2.09	0.11	6.17	59.7	3.5	9	14.00	231
N828745		3.99	0.104	3.48	8.40	81.6	2090	1.53	4.82	0.30	35.6	56.5	17.1	8	12.05	97.7
N828746		1.86	0.159	1.62	7.96	75.8	2460	1.52	1.56	0.36	11.50	43.7	10.1	10	7.72	98.2
N828747		1.99	0.023	0.63	8.04	37.7	2190	1.71	0.89	0.92	11.50	57.2	9.1	8	8.18	22.0
N828748		1.92	0.032	1.36	8.07	46.4	1660	1.67	2.13	0.47	22.1	57.9	11.3	9	11.70	45.2
N828749		4.65	0.116	0.68	7.89	25.8	2090	1.53	0.99	0.90	6.21	49.0	6.8	9	5.64	31.4
N828750		2.83	0.013	0.52	7.94	24.1	2160	1.74	0.92	0.85	8.55	58.5	6.7	8	5.68	22.1
N828751		4.59	0.028	1.08	7.82	38.8	2210	1.58	1.38	0.80	7.85	55.8	7.4	11	6.07	23.0
N828752		2.04	0.019	0.50	7.98	25.7	1770	1.49	0.88	0.38	9.03	52.6	6.5	9	9.91	14.9
N828753		2.35	0.202	2.66	7.67	83.9	1900	2.11	4.11	0.18	20.4	62.1	13.1	9	13.95	63.3
N828754		4.00	0.259	2.27	7.19	215	1920	1.67	3.39	0.21	33.1	54.7	22.7	9	20.9	66.6
N828755		3.18	0.010	0.01	0.10	<5	20	0.07	0.03	21.8	0.15	1.05	1.4	2	0.25	2.1
N828756		2.45	0.323	6.37	4.96	228	1760	1.07	5.41	0.25	10.90	35.7	5.9	9	8.02	72.5
N828757		2.38	0.273	1.49	7.17	105.5	2560	1.53	2.54	0.19	53.5	55.1	31.4	6	10.80	62.7
N828758		3.10	0.045	1.09	8.00	55.1	3980	1.42	1.70	0.20	14.65	50.2	12.8	7	20.5	30.2
N828759		3.94	0.102	1.29	7.98	57.9	2370	1.88	1.58	0.33	15.50	60.0	11.5	9	22.2	33.9
N828760		4.08	0.011	0.54	8.77	20.9	2650	1.61	0.61	0.32	7.84	65.5	9.7	6	19.90	12.3
N828761		3.97	0.018	0.65	8.98	98.8	2490	1.82	0.60	0.29	16.70	63.2	12.1	7	23.3	14.4
N828851		4.11	0.053	0.55	7.93	33.5	2480	1.74	0.90	0.32	0.93	50.6	5.0	10	9.26	266
N828852		3.40	0.039	0.64	8.38	43.7	2590	1.85	0.54	0.14	0.88	52.3	5.8	10	13.30	415
N828853		4.33	0.049	0.49	8.46	29.5	1940	1.49	0.54	0.26	0.42	52.4	2.8	9	11.65	183.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828729		5.84	15.30	0.14	1.0	0.311	3.13	34.4	13.7	0.24	324	3.04	0.03	7.1	1.6	460
N828730		3.19	16.00	0.14	1.1	0.085	3.03	29.2	17.3	0.19	1640	2.49	0.13	7.4	2.9	560
N828731		2.81	16.40	0.10	1.1	0.063	2.98	21.0	22.3	0.24	289	1.17	0.44	8.0	2.0	640
N828732		2.83	15.30	0.13	1.2	0.044	2.81	27.6	17.8	0.38	1180	1.68	1.63	7.5	3.2	590
N828733		3.16	16.85	0.12	1.2	0.050	2.88	26.3	19.2	0.23	965	1.73	1.27	7.8	2.9	610
N828734		3.35	18.00	0.13	1.3	0.057	2.95	31.2	26.7	0.29	1120	1.68	0.95	8.5	2.9	640
N828735		3.31	17.20	0.14	1.3	0.094	3.20	24.2	24.4	0.22	965	1.32	0.32	7.5	2.1	560
N828736		3.26	14.80	0.10	1.0	0.078	2.31	19.0	17.1	0.47	1720	1.84	1.22	6.5	2.8	560
N828737		2.90	15.15	0.12	1.1	0.065	2.90	22.0	11.3	0.63	1030	2.73	1.63	6.8	3.1	570
N828738		3.28	15.50	0.13	1.2	0.065	2.55	28.6	16.0	0.61	1100	13.30	1.89	7.5	4.0	610
N828739		3.56	15.75	0.13	1.4	0.067	3.10	31.7	20.5	0.19	1750	1.80	0.39	7.6	3.7	590
N828740		3.31	19.40	0.13	1.3	0.065	3.30	32.8	21.9	0.22	1820	2.78	0.34	8.0	4.7	650
N828741		7.03	14.35	0.13	1.0	1.595	2.68	22.2	24.9	0.95	1920	12.75	0.04	5.5	14.5	450
N828742		4.77	17.70	0.14	1.2	0.196	3.15	30.6	27.4	0.19	2150	2.71	0.20	7.3	3.6	600
N828743		6.92	15.65	0.14	1.0	1.985	3.14	39.8	16.0	0.23	370	20.8	0.05	6.0	1.9	610
N828744		4.74	16.65	0.19	1.1	0.455	3.68	41.4	12.4	0.37	291	2.92	0.08	6.7	3.0	670
N828745		4.19	17.20	0.13	1.1	0.172	3.33	29.9	24.0	0.37	3070	4.49	0.51	6.9	4.2	680
N828746		3.61	16.70	0.11	1.1	0.132	3.36	24.6	12.6	0.45	1190	5.71	0.90	6.7	3.1	600
N828747		3.48	17.60	0.15	1.2	0.076	2.77	32.5	9.4	0.71	1020	1.73	1.90	7.2	4.2	600
N828748		4.41	16.60	0.14	1.1	0.126	2.85	33.0	15.8	0.60	2140	2.32	1.05	6.9	4.3	660
N828749		3.12	16.20	0.11	1.1	0.130	2.62	25.4	10.6	0.69	795	1.98	1.79	6.4	3.3	590
N828750		3.14	16.35	0.14	1.1	0.183	2.82	30.0	11.6	0.69	1080	1.61	1.52	6.5	3.3	580
N828751		3.12	15.80	0.13	1.1	0.154	2.81	27.9	13.5	0.60	905	2.77	1.68	6.6	3.7	550
N828752		3.20	16.65	0.13	1.1	0.070	2.65	26.5	13.2	0.56	930	1.53	1.55	6.1	3.4	590
N828753		5.23	15.35	0.17	1.2	0.430	2.80	38.8	34.7	0.24	2770	3.00	0.23	5.1	3.8	550
N828754		4.37	14.60	0.12	1.0	0.346	2.48	31.2	22.9	0.26	3370	4.49	0.24	4.7	3.8	530
N828755		0.49	0.82	0.19	<0.1	0.005	0.04	0.5	1.3	13.00	219	0.14	0.01	0.3	0.4	170
N828756		3.98	10.50	0.09	0.6	0.711	2.06	23.8	15.7	0.23	952	18.75	0.19	3.9	2.7	300
N828757		4.27	15.50	0.11	1.0	0.188	2.17	32.6	39.2	0.22	6870	3.53	0.09	6.2	4.0	510
N828758		4.43	15.45	0.13	1.0	0.099	3.21	29.3	24.3	0.26	2220	2.49	0.17	6.4	3.3	570
N828759		3.61	16.60	0.14	1.1	0.145	2.94	33.3	18.8	0.26	2190	2.20	0.35	7.1	4.0	660
N828760		3.24	17.85	0.13	1.4	0.069	3.32	31.8	28.3	0.45	1040	1.38	0.25	7.5	3.5	660
N828761		3.77	18.35	0.14	1.3	0.107	3.56	36.6	33.6	0.26	2770	3.04	0.21	7.2	3.9	660
N828851		6.09	15.45	0.15	1.0	0.046	3.00	29.6	15.2	0.34	171	4.38	1.11	4.0	4.3	800
N828852		7.21	15.20	0.13	1.0	0.041	2.80	31.2	24.7	0.28	146	4.27	0.17	4.5	7.2	1130
N828853		4.44	15.85	0.13	1.0	0.034	2.77	30.5	17.7	0.34	71	3.29	0.66	4.8	3.4	760

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828729		331	183.5	<0.002	0.24	11.15	8.8	1	5.2	33.1	0.58	0.05	11.6	0.224	3.09	4.2
N828730		110.5	153.5	<0.002	0.03	8.86	9.2	1	1.3	41.2	0.60	0.05	13.9	0.234	2.30	3.9
N828731		52.6	126.0	<0.002	0.02	10.60	9.2	1	1.3	96.4	0.64	<0.05	14.8	0.263	1.24	2.5
N828732		36.2	109.0	<0.002	0.01	6.33	9.1	1	1.1	232	0.66	<0.05	14.3	0.242	1.06	3.0
N828733		38.3	119.5	<0.002	0.01	9.31	10.1	1	1.3	180.5	0.64	<0.05	14.9	0.247	1.18	2.9
N828734		31.4	120.5	<0.002	0.01	11.15	11.1	2	1.1	148.5	0.68	<0.05	16.2	0.264	1.18	3.2
N828735		36.8	147.0	<0.002	0.07	13.50	10.8	1	1.9	79.9	0.63	0.16	15.1	0.247	1.60	2.4
N828736		60.5	106.0	<0.002	0.07	7.99	9.9	2	2.3	178.0	0.53	0.16	13.6	0.213	1.33	3.4
N828737		55.2	127.0	<0.002	0.07	4.96	9.5	1	1.8	238	0.57	0.12	13.6	0.212	1.57	3.0
N828738		42.4	112.0	<0.002	0.07	6.21	9.7	2	2.3	247	0.62	0.11	14.2	0.241	1.31	3.7
N828739		34.6	127.0	<0.002	0.03	12.65	10.0	2	1.5	93.3	0.66	<0.05	16.2	0.242	1.46	3.1
N828740		32.7	154.5	<0.002	0.06	13.00	11.6	2	1.6	109.5	0.67	<0.05	15.7	0.263	1.88	3.5
N828741		2850	155.5	0.002	4.98	98.3	7.8	2	7.7	91.4	0.45	0.37	9.9	0.181	2.32	5.1
N828742		183.5	144.5	<0.002	0.03	14.40	10.5	2	2.6	64.8	0.61	0.06	14.4	0.245	2.17	4.2
N828743		3080	173.5	<0.002	0.17	212	9.3	2	7.3	20.7	0.51	0.18	12.8	0.207	2.93	5.8
N828744		283	245	<0.002	0.11	16.10	11.3	2	2.3	70.5	0.57	0.15	15.7	0.247	2.99	8.7
N828745		325	173.5	<0.002	0.06	18.80	10.8	2	1.9	106.5	0.59	0.13	16.5	0.251	2.14	4.3
N828746		160.5	170.5	<0.002	0.10	18.05	9.7	2	1.9	150.0	0.58	0.07	14.8	0.240	2.34	4.4
N828747		65.3	109.5	<0.002	0.02	5.04	10.2	1	1.2	269	0.66	<0.05	15.0	0.234	1.39	3.1
N828748		135.0	124.5	<0.002	0.03	5.96	10.3	2	2.4	144.0	0.63	0.06	14.6	0.248	1.96	3.9
N828749		59.4	115.0	<0.002	0.05	5.71	9.3	1	2.2	250	0.56	0.09	13.5	0.233	1.56	2.8
N828750		61.8	125.0	<0.002	0.20	4.58	9.8	2	2.6	194.5	0.58	0.15	14.3	0.222	1.67	2.9
N828751		72.6	118.0	<0.002	0.04	7.45	9.3	2	2.6	257	0.59	0.22	13.5	0.231	1.55	3.1
N828752		52.7	109.5	<0.002	0.02	5.27	9.9	2	2.2	174.5	0.55	0.10	14.7	0.212	1.68	3.3
N828753		317	136.0	<0.002	0.07	9.98	9.7	2	3.6	53.3	0.48	0.37	13.6	0.191	2.26	5.3
N828754		252	128.0	<0.002	0.07	16.15	8.8	2	3.5	83.7	0.43	0.23	13.7	0.172	2.17	4.6
N828755		1.9	1.6	<0.002	0.01	0.09	0.2	1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828756		1045	112.5	0.002	0.11	43.2	6.1	1	3.8	53.8	0.32	0.95	7.5	0.140	1.84	3.8
N828757		206	109.0	<0.002	0.12	16.55	8.6	2	2.4	148.0	0.60	0.21	15.2	0.197	1.77	6.0
N828758		170.5	136.0	<0.002	0.07	10.65	9.6	2	2.1	133.5	0.59	0.24	14.7	0.230	2.39	4.6
N828759		331	134.5	<0.002	0.06	8.06	10.7	2	2.2	95.6	0.64	0.17	13.8	0.248	2.23	3.8
N828760		63.6	135.5	<0.002	0.01	6.97	11.5	2	2.4	116.5	0.73	0.07	17.3	0.252	1.77	2.8
N828761		144.5	143.5	<0.002	0.02	8.29	11.0	2	2.2	118.5	0.65	0.06	16.3	0.261	2.14	3.4
N828851		47.3	115.0	<0.002	0.15	3.12	10.5	3	3.0	188.0	0.36	0.07	16.3	0.185	1.66	4.6
N828852		28.8	112.5	<0.002	0.15	12.25	11.5	3	1.9	111.5	0.41	<0.05	21.2	0.200	1.63	6.4
N828853		22.1	119.5	<0.002	0.12	12.20	11.7	3	2.3	138.0	0.46	0.06	16.5	0.212	1.56	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828729		61	9.3	13.1	1160	24.1
N828730		65	3.7	19.4	1040	26.7
N828731		72	2.6	13.7	461	27.0
N828732		65	1.7	13.9	389	27.7
N828733		67	2.9	17.3	437	28.6
N828734		71	3.2	22.5	458	31.3
N828735		71	4.0	13.2	285	29.8
N828736		62	1.9	13.9	449	22.7
N828737		61	2.2	13.3	337	25.4
N828738		67	2.1	18.2	381	27.5
N828739		66	3.3	23.9	538	31.6
N828740		70	3.5	24.8	752	32.6
N828741		58	5.3	8.6	5560	22.0
N828742		64	4.9	21.0	1170	30.0
N828743		62	8.1	13.1	1240	25.4
N828744		72	4.7	19.5	1000	27.2
N828745		70	2.8	24.1	1160	25.3
N828746		68	3.3	13.2	754	24.5
N828747		64	1.5	18.1	603	29.0
N828748		71	3.4	19.3	989	25.2
N828749		68	1.8	10.8	348	23.8
N828750		65	2.3	12.6	394	25.0
N828751		64	2.5	11.3	347	25.7
N828752		65	1.5	12.5	455	25.3
N828753		64	3.8	24.9	1260	30.3
N828754		59	3.1	22.2	1240	22.3
N828755		3	0.1	0.7	22	<0.5
N828756		47	4.9	10.7	875	17.1
N828757		58	3.2	33.2	1700	23.1
N828758		62	2.6	20.2	1240	24.2
N828759		68	2.6	23.1	1010	26.4
N828760		66	2.2	15.2	740	33.2
N828761		71	1.8	21.9	1160	30.3
N828851		72	4.5	9.9	183	19.1
N828852		75	3.9	14.0	224	20.4
N828853		77	5.1	8.4	98	19.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12144369

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144530

Project: Klaza TR-12-8

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

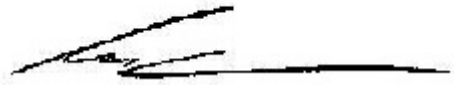
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144530

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828854		3.77	0.029	0.33	7.79	15.3	2470	1.54	0.46	0.42	0.47	53.1	4.4	12	9.88	167.5
N828855		3.90	0.046	0.67	7.62	35.3	2320	1.61	0.96	0.18	0.49	44.8	4.5	13	11.15	322
N828856		2.83	0.039	0.36	7.78	16.3	3120	1.52	0.67	0.18	0.35	50.7	4.7	13	13.05	201
N828857		3.30	0.056	0.57	8.06	41.6	2740	1.63	1.23	0.13	0.58	53.3	3.5	13	13.65	261
N828858		2.85	0.045	0.56	8.25	29.1	4490	1.40	0.72	0.17	0.36	54.7	2.6	14	11.15	139.0
N828859		3.41	0.061	1.33	7.63	118.5	1480	1.36	2.21	0.07	0.53	53.5	2.1	12	12.15	195.5
N828860		2.61	0.029	0.82	7.92	73.0	1240	1.78	1.19	0.11	0.81	57.7	4.6	13	15.35	282
N828861		3.15	0.028	0.62	8.25	50.7	1010	1.46	0.69	0.12	1.28	55.9	16.9	12	17.30	392
N828862		3.10	0.038	0.76	8.07	34.8	2790	1.39	1.18	0.11	0.64	53.7	6.6	13	13.65	330
N828863		3.61	0.086	0.98	8.06	64.6	1270	1.36	1.76	0.13	0.74	50.4	4.5	10	15.20	339
N828864		3.31	0.048	0.63	8.10	63.4	3640	1.58	0.83	0.19	1.10	53.3	11.6	12	11.50	409
N828865		3.73	0.058	0.87	7.91	140.5	1170	1.33	0.93	0.11	0.95	53.8	5.3	12	15.00	392
N828866		3.93	0.044	0.76	7.90	76.9	1880	1.43	1.08	0.13	0.86	53.1	3.9	12	16.10	350
N828867		2.19	0.056	1.37	7.28	71.8	980	1.26	2.14	0.16	0.52	58.4	6.4	11	27.6	165.0
N828868		0.21	2.21	25.9	6.06	3530	450	1.15	18.50	2.17	76.5	43.1	11.7	18	14.65	436
N828869		3.38	0.052	1.83	8.35	48.6	2410	1.33	5.08	0.23	0.38	61.4	2.5	11	15.70	166.5
N828870		3.04	0.057	1.09	8.02	64.7	2450	1.54	1.40	0.29	0.41	57.5	2.6	11	11.75	213
N828871		3.36	0.049	1.82	7.82	88.9	970	1.33	1.90	0.11	0.30	52.0	1.1	13	13.65	128.5
N828872		2.69	0.070	1.57	8.05	109.5	1050	1.33	1.55	0.16	0.27	61.5	1.7	12	17.25	144.5
N828873		3.24	0.045	1.48	8.20	73.2	1660	1.47	1.46	0.15	0.44	56.2	2.6	12	14.35	263
N828874		3.37	0.041	2.21	8.49	117.5	1650	1.57	2.70	0.18	0.39	65.2	2.3	15	13.70	201
N828875		3.51	0.068	3.00	8.19	259	1630	1.54	3.44	0.14	0.41	67.2	1.6	14	16.40	133.5
N828876		2.35	0.058	5.88	7.64	234	1620	1.59	4.36	0.06	0.38	46.9	1.5	13	9.74	110.5
N828877		2.87	0.073	9.16	7.72	125.0	1930	1.35	9.06	0.05	0.20	64.1	1.3	13	8.76	96.2
N828878		2.70	0.068	2.22	7.95	194.5	1740	1.64	2.06	0.10	0.63	49.5	2.5	11	13.85	310
N828879		4.14	<0.005	0.04	0.07	<5	20	0.05	0.04	21.1	0.07	1.39	1.4	1	0.17	3.3
N828880		3.26	0.066	1.35	8.30	180.5	2060	1.96	1.27	0.14	0.93	65.1	4.4	12	14.25	569
N828881		3.15	0.068	1.30	8.10	29.1	2320	1.48	2.42	0.14	1.12	59.1	7.9	12	14.10	549
N828882		3.68	0.051	1.75	8.40	44.6	2670	1.70	2.15	0.21	0.95	67.6	4.4	16	14.60	349
N828883		2.61	0.099	1.71	7.44	68.9	1540	1.42	2.18	0.10	0.68	54.4	2.0	16	11.65	282
N828884		2.99	0.044	1.04	8.07	81.7	1550	2.41	1.27	0.13	1.50	55.2	6.4	11	17.50	516
N828885		3.70	0.005	0.21	7.27	12.3	1320	2.22	0.25	0.24	0.94	42.2	4.5	6	7.32	37.4
N828886		3.71	<0.005	0.16	7.14	9.0	1210	2.15	0.21	0.22	0.90	42.5	4.1	6	6.03	26.0
N828887		2.86	0.039	0.19	7.21	7.5	1220	2.34	0.21	0.23	0.62	42.8	3.7	7	7.65	22.2
N828888		3.78	0.007	0.40	7.38	13.4	1660	2.41	0.60	0.28	1.92	48.3	5.9	6	7.83	64.4
N828889		2.64	0.008	0.44	6.93	20.9	2240	2.50	1.24	0.20	1.63	45.0	6.3	5	7.24	122.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144530

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828854		4.42	16.85	0.16	0.9	0.028	2.56	29.2	16.5	0.43	135	7.80	1.47	6.5	2.5	660
N828855		5.91	15.75	0.17	0.7	0.046	2.92	24.2	16.3	0.37	113	5.04	0.98	5.0	4.4	870
N828856		4.21	15.75	0.17	0.8	0.038	2.95	27.8	17.2	0.33	125	27.5	1.16	4.9	2.8	620
N828857		4.94	15.50	0.17	0.7	0.068	3.11	29.6	12.8	0.37	76	18.55	0.63	3.6	2.8	940
N828858		3.50	17.35	0.15	0.8	0.051	2.83	29.9	23.5	0.31	70	3.93	0.55	5.4	2.7	800
N828859		4.49	15.40	0.16	0.7	0.100	3.20	29.6	9.5	0.35	64	21.5	0.06	3.4	1.9	730
N828860		4.94	18.00	0.17	0.8	0.084	3.14	31.9	18.6	0.30	106	6.25	0.08	4.8	3.2	790
N828861		3.86	18.05	0.10	0.9	0.052	3.09	28.6	14.1	0.26	352	4.56	0.07	5.7	4.4	650
N828862		4.13	17.40	0.10	0.8	0.056	3.11	29.4	12.3	0.31	103	6.44	0.21	4.1	3.2	540
N828863		4.15	18.85	0.11	0.8	0.060	3.00	28.0	16.0	0.36	81	3.73	0.11	5.2	3.2	560
N828864		3.72	17.80	0.11	0.8	0.049	2.79	28.7	26.2	0.31	250	4.58	0.80	4.6	3.7	670
N828865		4.34	17.35	0.13	0.8	0.063	2.81	29.5	22.7	0.32	116	8.34	0.09	3.8	3.6	690
N828866		4.44	16.10	0.12	0.8	0.069	2.94	30.1	16.7	0.33	94	27.9	0.16	3.5	4.3	880
N828867		4.92	14.90	0.13	0.8	0.141	2.91	33.1	15.7	0.40	174	17.75	0.07	3.2	3.0	850
N828868		6.67	15.00	0.13	0.9	1.735	2.58	23.3	22.6	0.89	1900	14.45	0.04	6.0	14.9	440
N828869		3.27	18.70	0.11	0.8	0.152	3.35	33.6	18.2	0.41	103	7.57	0.31	4.1	2.6	580
N828870		3.58	17.15	0.12	0.8	0.104	2.92	31.5	21.1	0.34	78	13.70	0.72	4.2	3.3	670
N828871		2.85	16.65	0.11	0.7	0.187	3.39	28.2	10.3	0.38	56	19.05	0.06	4.2	1.6	440
N828872		3.83	18.25	0.13	0.8	0.151	3.28	33.0	12.9	0.34	73	3.27	0.06	5.2	1.7	870
N828873		4.36	17.85	0.13	0.8	0.127	3.12	31.4	15.0	0.37	77	6.75	0.18	4.1	3.4	720
N828874		4.16	18.95	0.16	0.9	0.243	3.50	35.4	20.1	0.40	120	6.08	0.18	4.3	3.3	780
N828875		4.23	17.45	0.17	1.0	0.377	3.55	36.7	11.8	0.41	84	10.90	0.09	3.4	2.6	1620
N828876		2.86	16.80	0.13	0.7	0.259	3.73	23.6	14.1	0.43	72	16.90	0.09	3.1	1.3	940
N828877		2.71	16.95	0.13	0.8	0.296	3.58	35.3	9.1	0.40	74	7.96	0.07	3.4	1.3	450
N828878		3.20	17.10	0.14	0.8	0.216	3.51	26.7	13.1	0.42	85	12.45	0.11	2.4	2.1	500
N828879		0.47	0.29	<0.05	<0.1	0.005	0.03	0.7	0.9	12.30	204	0.32	<0.01	0.3	2.3	170
N828880		3.58	17.10	0.13	0.8	0.125	3.25	36.9	15.4	0.40	102	10.45	0.06	3.1	5.8	640
N828881		4.40	18.45	0.16	0.8	0.166	3.37	33.4	14.3	0.39	232	7.83	0.26	3.3	3.0	590
N828882		4.86	19.05	0.16	1.1	0.200	3.42	38.5	27.1	0.38	218	9.75	0.27	4.5	3.5	740
N828883		3.48	17.35	0.11	0.9	0.134	3.18	30.3	41.5	0.34	128	18.20	0.10	4.0	2.4	350
N828884		4.41	17.95	0.15	1.0	0.081	2.93	30.4	40.0	0.29	269	3.66	0.11	4.4	4.0	640
N828885		1.50	18.85	0.07	2.4	0.022	1.05	22.1	261	0.25	377	1.60	0.38	16.4	2.6	390
N828886		1.47	18.30	0.07	2.4	0.021	1.25	22.1	178.0	0.18	377	1.21	0.34	14.4	2.2	360
N828887		1.36	18.30	0.07	2.3	0.026	1.42	22.7	137.0	0.16	292	1.21	0.38	15.3	1.9	310
N828888		1.97	19.00	0.09	2.5	0.033	1.72	24.9	175.0	0.20	825	1.93	0.35	17.0	3.2	460
N828889		1.96	17.80	0.10	2.4	0.039	1.77	22.5	174.0	0.16	699	2.65	0.27	16.3	3.0	440

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144530

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828854		18.9	113.5	0.003	0.14	1.65	11.4	2	2.1	217	0.49	<0.05	15.2	0.213	1.22	3.5
N828855		36.1	123.5	<0.002	0.12	3.45	10.6	3	3.3	153.0	0.37	0.11	16.0	0.179	1.46	5.4
N828856		23.2	120.0	0.004	0.13	1.99	10.8	2	3.1	193.0	0.40	0.06	14.3	0.180	1.42	4.2
N828857		25.7	129.5	0.004	0.15	5.64	11.1	2	3.9	127.5	0.27	0.08	15.7	0.162	1.56	4.0
N828858		23.1	119.5	<0.002	0.21	7.33	11.7	2	3.9	182.0	0.40	0.06	15.4	0.203	1.49	4.1
N828859		80.7	155.5	0.005	0.21	35.7	10.0	2	7.3	47.6	0.25	0.14	11.7	0.138	2.24	3.0
N828860		56.4	145.5	<0.002	0.14	13.90	11.2	2	3.3	60.7	0.32	0.09	13.8	0.186	2.17	4.1
N828861		39.2	142.5	<0.002	0.05	10.95	12.8	2	2.7	41.6	0.46	0.07	16.2	0.199	2.13	4.5
N828862		37.4	146.0	<0.002	0.38	4.24	13.3	2	5.8	99.1	0.34	0.12	14.1	0.160	1.88	3.8
N828863		50.6	143.0	<0.002	0.13	7.69	12.7	2	5.2	57.9	0.41	0.15	13.8	0.188	1.84	3.4
N828864		31.7	129.5	<0.002	0.11	5.22	12.3	2	4.1	192.0	0.39	0.11	15.7	0.166	1.69	3.9
N828865		38.0	132.0	<0.002	0.14	36.3	11.8	3	4.0	51.9	0.31	0.10	16.1	0.151	1.73	2.8
N828866		37.5	133.0	0.002	0.16	8.54	11.2	2	3.1	85.1	0.30	0.07	17.2	0.149	1.87	4.4
N828867		45.1	146.5	<0.002	0.49	12.25	11.4	2	7.7	165.0	0.28	0.16	18.4	0.136	2.04	3.6
N828868		2710	161.5	0.002	4.75	89.7	8.3	2	8.2	89.4	0.48	0.40	10.5	0.173	2.29	5.4
N828869		44.1	159.0	<0.002	0.44	8.87	14.1	2	6.3	143.5	0.33	0.15	20.2	0.181	2.36	3.0
N828870		63.1	138.5	<0.002	0.23	11.80	12.9	2	4.2	191.0	0.34	0.14	15.2	0.167	2.00	4.1
N828871		109.5	171.0	0.006	0.36	46.6	12.7	2	5.5	66.3	0.35	0.21	14.4	0.164	2.60	2.5
N828872		117.0	160.5	<0.002	0.66	12.65	12.7	2	10.3	86.6	0.45	0.12	20.6	0.194	2.70	2.4
N828873		62.7	154.5	<0.002	0.27	15.75	12.6	2	4.8	99.9	0.34	0.14	15.8	0.172	2.34	3.6
N828874		59.2	178.5	<0.002	0.25	33.5	13.3	3	5.9	95.5	0.35	0.17	19.2	0.168	2.77	3.7
N828875		85.4	182.5	<0.002	0.48	42.3	14.4	3	5.9	174.5	0.28	0.22	31.3	0.145	2.74	4.9
N828876		137.5	181.5	0.004	0.18	87.2	13.5	3	7.6	150.5	0.24	0.29	17.0	0.137	2.66	4.6
N828877		183.0	178.5	<0.002	0.31	50.6	12.3	3	10.8	105.5	0.27	0.35	16.7	0.149	2.58	2.5
N828878		115.0	176.5	0.003	0.24	49.4	12.5	2	6.5	83.4	0.19	0.27	12.2	0.118	2.45	6.0
N828879		1.8	1.7	<0.002	<0.01	0.28	0.3	1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828880		62.4	162.5	<0.002	0.10	19.00	12.7	2	4.7	49.6	0.26	0.14	17.8	0.143	2.43	9.5
N828881		68.4	160.0	0.002	0.16	4.58	12.7	3	6.5	100.5	0.28	0.15	14.5	0.150	2.19	5.5
N828882		151.0	171.0	<0.002	0.29	7.86	12.6	2	6.7	138.5	0.37	0.19	17.0	0.160	2.31	4.7
N828883		66.0	152.0	0.005	0.28	6.53	12.0	2	9.5	46.7	0.32	0.22	11.1	0.160	1.99	3.5
N828884		76.6	153.0	<0.002	0.07	13.60	12.8	2	3.7	62.9	0.37	0.13	18.7	0.165	2.45	6.2
N828885		27.5	45.0	<0.002	0.02	3.15	3.5	1	2.1	296	1.66	<0.05	9.7	0.142	0.68	3.1
N828886		26.1	53.2	<0.002	0.02	3.16	3.4	1	1.9	249	1.60	<0.05	9.7	0.141	0.75	2.8
N828887		30.0	59.5	<0.002	0.02	2.75	3.5	1	2.4	259	1.53	<0.05	9.7	0.138	0.79	2.7
N828888		51.8	74.4	<0.002	0.05	4.89	4.1	1	2.4	226	1.71	0.05	11.0	0.164	1.02	3.4
N828889		52.5	72.5	<0.002	0.08	5.02	4.1	1	3.0	213	1.56	0.05	10.8	0.145	1.11	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144530

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828854		71	4.3	11.0	120	24.4
N828855		70	4.7	10.0	164	19.4
N828856		72	7.9	10.4	173	21.2
N828857		75	7.5	10.1	136	18.7
N828858		78	7.6	8.8	97	21.8
N828859		66	10.7	6.6	106	19.3
N828860		74	6.6	9.8	160	22.3
N828861		70	4.4	13.2	155	25.0
N828862		74	12.4	10.7	133	22.1
N828863		75	6.8	10.9	153	23.4
N828864		67	8.0	13.0	121	22.7
N828865		71	7.2	12.3	125	22.7
N828866		65	6.0	11.8	127	21.3
N828867		67	15.3	9.8	159	21.1
N828868		56	5.1	10.2	5370	27.1
N828869		78	9.5	8.2	84	22.6
N828870		72	7.3	10.1	97	22.9
N828871		70	13.5	6.8	69	21.2
N828872		70	8.1	7.7	75	23.2
N828873		73	7.2	9.3	109	22.9
N828874		76	7.8	9.0	95	26.9
N828875		70	10.8	7.7	67	30.6
N828876		70	14.3	5.4	55	21.2
N828877		67	11.4	5.4	31	23.5
N828878		70	10.4	7.8	90	25.8
N828879		2	0.1	0.8	18	<0.5
N828880		70	6.8	12.8	98	22.4
N828881		70	8.3	14.5	139	22.4
N828882		70	9.1	12.8	162	32.6
N828883		68	12.7	11.7	124	26.1
N828884		67	5.8	20.3	275	28.5
N828885		17	1.8	15.0	86	56.2
N828886		16	1.8	14.1	76	53.2
N828887		17	2.0	12.4	77	54.3
N828888		21	2.2	15.4	108	59.7
N828889		19	2.3	14.0	117	57.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144530

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12144531

Project: Klaza TR-12-8

P.O. No.: Batch 10

This report is for 20 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

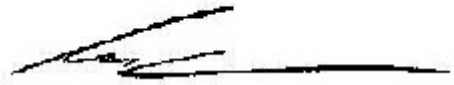
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144531

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828890		3.42	0.057	1.52	7.55	86.6	1570	2.13	2.57	0.18	1.19	53.0	3.9	9	8.70	306
N828891		3.01	0.054	1.46	8.05	55.2	1950	1.99	1.24	0.25	1.43	62.0	5.7	12	11.25	396
N828892		2.41	0.014	0.77	7.82	25.0	1560	2.19	0.84	0.43	2.54	78.5	7.3	15	15.65	94.9
N828893		2.91	0.030	0.67	8.00	27.1	1870	1.94	0.94	0.40	1.38	67.2	6.9	17	11.35	95.7
N828894		2.45	0.039	1.51	7.47	45.3	2060	1.77	1.58	0.39	1.09	63.1	5.3	16	9.47	105.5
N828895		2.29	0.092	1.18	7.96	44.0	3320	1.92	3.40	0.25	1.28	59.4	8.8	9	11.90	482
N828896		3.12	0.070	1.03	8.02	35.3	2990	2.01	2.12	0.49	1.17	59.0	7.9	11	11.35	470
N828897		2.20	0.048	1.09	8.10	59.2	1860	2.09	1.34	0.30	1.56	66.2	7.3	15	19.75	565
N828898		3.25	0.039	0.79	8.07	51.8	2500	1.76	1.08	0.32	1.39	55.2	8.1	11	12.10	469
N828899		2.36	0.050	1.72	7.93	129.5	2860	2.18	1.65	0.16	1.86	64.9	5.1	12	25.2	397
N828900		3.34	0.029	1.32	8.22	54.4	2880	2.50	0.98	0.30	1.76	79.7	9.2	29	24.9	282
N828901		3.02	0.011	0.62	8.05	30.8	2420	3.00	0.55	0.29	1.56	72.5	11.4	26	27.9	137.0
N828902		2.36	0.007	0.69	8.34	20.6	1750	2.93	0.46	0.41	1.85	65.9	11.9	18	28.9	119.0
N828903		4.06	<0.005	0.01	0.12	<5	30	0.06	0.03	20.9	0.06	1.38	1.4	1	0.37	2.4
N828904		3.12	0.011	0.56	8.37	20.7	2080	2.47	0.76	0.82	1.77	69.1	8.7	16	30.5	109.5
N828905		0.21	2.44	22.8	5.83	2910	1030	1.25	18.45	2.09	73.2	42.3	10.6	18	14.30	409
N828906		3.54	0.008	0.36	8.25	13.4	1630	2.72	0.45	0.86	2.16	67.7	8.0	15	29.3	77.6
N828907		3.05	0.014	0.27	7.95	12.3	1110	2.81	0.44	0.72	1.64	66.0	10.1	15	27.3	81.2
N828908		3.29	0.007	0.33	8.03	14.5	1620	2.73	0.36	0.80	2.72	70.8	30.0	22	27.9	144.5
N828909		2.74	0.012	0.65	7.80	36.2	1810	2.79	1.02	1.65	5.55	62.1	8.4	27	23.9	34.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144531

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828890		3.67	16.15	0.14	1.6	0.121	2.95	30.9	48.5	0.29	291	6.97	0.18	6.7	3.1	620
N828891		3.82	16.45	0.15	1.3	0.083	2.89	37.0	28.1	0.32	267	3.25	0.41	5.0	3.9	680
N828892		3.24	17.30	0.17	2.5	0.056	2.97	41.1	22.6	0.27	823	1.89	0.57	9.3	5.6	910
N828893		3.11	17.00	0.15	2.6	0.061	2.91	36.2	36.7	0.29	696	1.59	1.02	7.7	6.1	840
N828894		2.90	16.10	0.15	2.2	0.087	2.89	35.2	22.1	0.33	455	2.17	0.93	6.4	5.8	690
N828895		4.68	15.80	0.17	1.0	0.118	2.99	35.2	22.5	0.34	261	5.22	0.91	3.2	3.8	770
N828896		4.20	15.50	0.17	1.1	0.102	2.93	35.9	18.1	0.31	253	4.10	1.18	3.7	3.6	680
N828897		4.52	16.15	0.16	1.8	0.088	2.91	40.1	34.6	0.32	405	3.80	0.43	5.7	6.4	810
N828898		3.98	16.05	0.16	1.0	0.079	2.86	32.9	19.9	0.32	315	2.97	1.13	3.7	3.9	660
N828899		4.86	15.10	0.15	1.3	0.098	3.02	41.1	43.1	0.36	352	3.62	0.14	3.6	5.7	940
N828900		3.38	18.35	0.16	3.9	0.062	2.86	45.9	34.0	0.27	803	2.39	0.24	9.1	12.6	1020
N828901		2.97	21.7	0.20	3.6	0.055	2.89	37.9	49.7	0.25	826	1.86	0.10	10.9	14.6	900
N828902		3.15	21.9	0.23	3.0	0.041	2.64	33.6	51.0	0.30	693	1.17	0.29	8.5	9.5	910
N828903		0.49	0.48	0.25	<0.1	0.005	0.04	0.7	1.1	12.30	216	0.11	0.01	0.3	2.0	170
N828904		3.31	21.0	0.23	2.7	0.052	2.86	36.1	27.5	0.35	713	1.26	0.78	8.7	7.5	900
N828905		6.40	13.75	0.14	0.9	1.665	2.52	23.3	23.3	0.86	1830	12.90	0.04	5.9	14.8	420
N828906		3.16	21.1	0.21	2.6	0.048	2.94	35.2	28.2	0.37	769	0.98	0.40	8.6	7.4	880
N828907		2.98	20.7	0.23	2.6	0.046	2.81	34.2	43.5	0.25	858	1.04	0.18	8.8	7.4	880
N828908		3.60	20.6	0.24	3.1	0.041	2.76	36.3	51.5	0.28	2070	1.62	0.13	8.9	13.8	880
N828909		2.92	20.5	0.24	3.5	0.054	2.68	31.7	46.5	0.27	598	3.44	0.11	10.6	15.4	920

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144531

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828890		162.0	133.5	0.002	0.16	14.75	8.9	2	8.1	95.9	0.64	0.11	12.6	0.184	2.11	5.4
N828891		122.5	132.5	<0.002	0.15	13.15	11.3	2	3.8	129.0	0.42	0.09	13.6	0.216	1.90	5.0
N828892		53.2	123.5	<0.002	0.08	10.75	7.1	2	2.3	157.0	0.73	0.07	12.3	0.280	1.64	4.6
N828893		46.9	112.0	<0.002	0.10	10.25	8.0	2	3.2	338	0.62	0.08	11.1	0.286	1.54	4.3
N828894		45.1	126.0	<0.002	0.13	9.95	9.3	2	5.1	274	0.53	0.11	11.1	0.246	1.64	3.6
N828895		54.7	133.0	<0.002	0.17	7.00	11.5	3	4.4	251	0.28	0.13	15.8	0.158	1.94	4.8
N828896		47.3	121.0	<0.002	0.13	6.77	11.3	2	4.1	238	0.33	0.12	16.0	0.183	1.73	4.4
N828897		110.5	129.0	<0.002	0.10	14.90	11.3	2	3.2	193.0	0.49	0.12	17.4	0.236	1.73	5.8
N828898		37.1	131.0	<0.002	0.09	8.13	11.0	2	3.4	235	0.31	0.08	13.4	0.180	1.84	3.7
N828899		99.0	141.5	<0.002	0.16	18.80	10.1	2	3.9	173.5	0.30	0.11	15.9	0.165	2.08	4.5
N828900		103.5	113.5	0.002	0.10	17.50	7.6	2	2.6	185.0	0.72	0.05	13.6	0.285	1.45	5.9
N828901		43.3	130.0	<0.002	0.05	20.9	8.6	2	1.9	118.0	0.82	<0.05	13.3	0.268	1.55	5.5
N828902		35.8	115.0	<0.002	0.03	34.1	10.7	2	1.6	115.5	0.65	<0.05	10.4	0.298	1.28	3.8
N828903		1.7	2.1	<0.002	0.01	0.10	0.4	1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828904		53.4	124.0	<0.002	0.05	23.9	10.1	2	1.8	192.5	0.67	0.06	10.9	0.290	1.34	3.2
N828905		2610	156.5	<0.002	4.64	79.9	8.4	2	7.5	91.0	0.46	0.35	10.5	0.167	2.40	5.4
N828906		35.9	127.5	<0.002	0.03	15.70	9.8	2	1.6	118.5	0.65	<0.05	10.4	0.281	1.32	2.8
N828907		27.5	122.0	<0.002	0.02	13.30	9.6	2	1.5	82.2	0.65	0.05	10.1	0.290	1.29	3.1
N828908		31.6	121.5	<0.002	0.03	15.60	9.8	2	1.8	133.0	0.67	<0.05	11.1	0.282	1.44	4.2
N828909		107.0	98.6	<0.002	0.10	16.85	7.0	2	2.0	145.0	0.79	<0.05	10.9	0.267	1.25	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-8

CERTIFICATE OF ANALYSIS WH12144531

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828890		59	5.9	12.1	183	43.7
N828891		75	4.1	11.6	170	30.5
N828892		61	2.6	11.9	180	80.7
N828893		71	3.5	9.9	143	83.5
N828894		68	5.5	9.1	108	70.9
N828895		72	6.2	13.9	133	23.9
N828896		73	4.5	13.1	121	24.2
N828897		73	3.7	14.9	238	56.6
N828898		73	4.6	13.1	136	23.5
N828899		68	4.2	13.2	189	42.6
N828900		62	2.6	13.6	214	146.5
N828901		58	5.2	16.0	180	126.0
N828902		77	12.9	16.2	172	100.0
N828903		3	0.1	0.9	16	0.7
N828904		77	2.0	16.4	156	85.3
N828905		53	5.6	9.7	4920	25.4
N828906		76	2.0	16.2	176	83.4
N828907		74	2.5	15.7	147	84.9
N828908		71	2.7	19.8	228	109.5
N828909		60	1.7	12.8	204	129.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12144531

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145811

Project: Klaza-66

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145811

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829595		10.17	0.020	0.98	7.22	41.5	1620	1.64	3.31	2.42	0.41	45.6	6.6	10	14.45	115.5
N829596		9.14	0.025	1.33	7.20	29.2	2440	1.77	2.53	2.74	0.32	36.7	6.9	12	13.20	117.5
N829597		7.45	0.014	0.61	7.29	19.3	2000	1.59	1.17	2.87	0.25	41.3	6.5	12	13.50	53.9
N829598		9.61	0.052	1.37	7.38	48.6	1350	1.63	2.14	3.08	1.67	47.6	8.6	10	19.80	25.1
N829599		0.27	4.72	>100	5.51	7240	430	1.41	68.5	1.97	221	34.9	9.6	18	12.75	1290
N829600		5.02	0.938	18.80	6.97	144.5	1670	1.19	15.80	0.46	1.34	27.3	17.0	10	6.31	32.4
N829601		1.99	<0.005	0.02	0.08	<5	20	0.07	0.04	20.8	0.07	1.04	1.5	1	0.16	2.2
N829602		8.90	0.150	6.72	7.44	77.0	600	1.44	6.87	1.34	0.86	49.5	10.6	10	18.85	23.5
N829603		8.96	0.011	0.34	7.45	19.0	1770	1.56	2.11	2.26	0.32	42.3	10.0	11	13.15	8.6
N829604		5.64	0.038	1.34	7.26	46.5	510	1.29	2.55	1.86	0.28	47.6	8.9	6	17.10	71.3
N829605		11.74	0.008	0.23	6.91	13.5	2320	1.05	0.78	2.57	0.27	37.8	5.1	7	12.65	27.6
N829606		12.64	0.007	0.17	7.56	10.3	2060	1.11	0.68	1.80	0.14	45.1	7.4	8	13.20	35.7
N829607		11.72	0.018	0.50	7.28	24.5	1780	1.18	1.15	1.74	0.19	52.9	7.5	8	11.85	49.8
N829608		12.83	0.011	0.52	7.39	22.5	1950	1.32	1.13	2.25	0.17	42.9	8.5	8	13.00	70.6
N829609		10.77	0.006	0.29	6.84	16.0	2180	1.33	0.82	2.70	0.23	40.2	9.2	7	11.20	22.5
N829610		5.03	0.008	0.24	7.14	15.9	2310	1.39	0.96	2.52	0.22	43.3	8.8	8	11.70	37.4
N829611		10.38	0.013	0.25	7.52	11.9	2510	1.44	0.91	1.98	0.16	44.3	7.7	7	12.20	54.1
N829612		9.16	0.044	0.80	6.52	51.7	1830	1.45	1.46	3.38	0.79	49.0	7.3	8	19.60	69.9
N829613		6.94	0.006	0.34	7.08	22.2	1750	1.44	0.92	2.67	0.26	45.2	6.0	7	21.7	36.5
N829614		0.25	4.43	>100	5.71	7550	170	1.34	53.9	2.08	236	35.8	10.1	31	11.80	1345
N829615		8.61	0.023	0.55	7.45	63.5	1500	1.50	2.32	1.92	1.26	50.6	5.4	9	17.35	33.0
N829616		6.24	0.905	9.51	6.77	4360	230	1.35	17.05	1.04	3.44	49.6	13.9	7	8.28	42.6
N829617		1.86	<0.005	0.03	0.10	<5	20	0.07	0.07	22.2	0.11	1.61	1.3	<1	0.27	1.5
N829618		11.69	0.017	0.59	6.91	45.0	1760	1.28	1.06	2.81	0.59	41.0	7.1	6	17.70	43.7
N829619		10.91	0.027	0.28	6.91	24.2	1950	1.22	0.88	2.83	0.29	41.6	6.9	6	30.5	24.6
N829620		9.41	0.039	1.15	7.29	53.9	2190	1.36	1.44	2.10	4.50	48.4	5.3	7	17.55	59.3
N829621		4.30	0.049	1.27	7.14	45.0	570	1.32	2.36	2.16	7.60	53.1	6.4	7	18.05	154.0
N829622		11.25	0.036	0.90	7.41	24.6	2460	1.42	1.67	2.80	1.40	47.7	8.0	9	12.35	52.2
N829623		10.17	0.063	2.33	7.36	32.4	500	1.52	2.62	2.62	6.40	56.9	7.5	16	10.65	80.1
N829624		10.54	0.036	0.24	7.08	21.7	1090	1.40	1.89	2.75	0.20	40.9	10.2	8	12.50	70.1
N829625		5.46	0.044	0.28	7.97	22.6	390	1.71	2.28	2.83	0.23	53.4	7.0	9	14.65	96.2
N829626		10.40	0.028	0.33	7.40	24.3	2120	1.47	1.05	2.66	0.46	52.3	5.7	7	14.25	82.8
N829627		8.77	0.096	0.89	7.68	41.6	1380	1.52	1.75	2.65	5.37	62.3	6.2	6	20.6	63.1
N829628		<0.02	0.080	0.80	7.25	40.1	2290	1.51	1.70	2.59	4.72	55.4	6.6	6	19.50	59.9
N829629		5.46	0.076	1.20	7.78	35.5	1500	1.44	1.32	2.34	6.69	51.1	3.1	8	11.95	68.9
N829630		10.00	0.172	1.13	7.08	51.8	560	1.40	1.98	2.45	1.44	52.6	18.3	8	12.95	218

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145811

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829595		3.11	14.55	0.22	1.1	0.386	2.55	23.3	31.0	0.83	916	2.77	0.08	7.1	2.0	550
N829596		3.30	13.80	0.25	1.1	0.339	2.68	17.5	23.5	0.75	828	1.92	0.76	7.1	2.0	590
N829597		3.27	14.20	0.30	1.2	0.116	2.61	19.6	10.8	0.81	839	1.24	1.54	7.1	1.9	580
N829598		3.48	14.30	0.30	0.8	0.201	3.02	24.9	11.8	1.07	1860	1.91	0.06	6.7	2.1	590
N829599		8.16	11.85	0.29	1.0	4.18	2.29	15.7	34.2	0.63	3090	14.75	0.08	5.0	14.3	450
N829600		11.20	20.3	0.19	1.0	0.115	3.00	13.7	5.4	0.39	470	1.77	0.05	7.2	3.7	540
N829601		0.49	0.65	0.28	<0.1	<0.005	0.03	0.5	1.0	12.70	214	0.07	<0.01	0.3	<0.2	180
N829602		4.70	15.75	0.23	0.9	0.251	2.93	27.4	23.8	0.69	837	2.18	0.05	6.5	2.6	570
N829603		3.45	14.85	0.31	0.8	0.282	2.96	20.9	27.0	0.83	816	3.35	0.79	7.1	2.1	630
N829604		4.02	16.15	0.08	0.8	0.385	3.39	24.7	25.0	0.73	692	1.85	0.36	7.2	3.3	570
N829605		3.13	15.35	0.07	0.9	0.096	2.58	18.2	64.4	0.85	639	3.78	0.36	8.1	2.5	610
N829606		3.25	16.50	0.09	1.0	0.111	2.89	21.9	36.7	0.64	547	2.20	0.30	8.3	2.8	630
N829607		3.16	14.80	0.12	0.9	0.219	2.76	29.4	24.1	0.79	551	5.90	2.57	8.1	2.9	560
N829608		2.80	15.80	0.11	0.9	0.248	2.74	21.5	42.9	0.74	538	2.45	0.40	8.3	3.0	630
N829609		3.00	14.80	0.12	0.9	0.190	2.53	19.6	21.0	0.79	589	2.16	1.04	8.1	2.9	610
N829610		3.16	15.50	0.13	0.9	0.121	2.59	21.1	18.4	0.80	476	2.27	1.29	8.7	2.9	620
N829611		3.53	15.30	0.13	0.8	0.132	2.77	22.3	21.5	0.71	395	4.30	0.74	8.3	2.8	650
N829612		3.52	14.30	0.13	0.7	0.290	2.77	25.5	20.2	1.13	1460	3.82	0.09	7.1	3.0	560
N829613		3.27	15.75	0.12	0.9	0.147	2.80	23.2	30.2	0.86	902	6.38	0.07	8.2	3.6	580
N829614		8.99	13.25	0.22	1.0	4.92	2.50	17.8	38.5	0.64	3170	15.90	0.09	6.4	23.2	470
N829615		3.65	15.85	0.11	1.0	0.152	2.69	25.9	42.1	0.71	1060	2.16	0.06	9.0	2.7	600
N829616		8.92	15.90	0.21	0.8	0.265	3.29	25.3	11.3	0.57	678	2.12	0.05	7.8	3.8	530
N829617		0.44	0.35	0.11	<0.1	0.006	0.02	0.8	1.2	13.55	187	0.12	0.01	0.4	1.0	200
N829618		3.20	16.00	0.09	1.0	0.167	2.59	20.1	41.2	0.68	854	3.11	0.07	8.6	2.8	590
N829619		2.86	14.95	0.14	0.9	0.138	2.51	21.1	56.6	0.73	597	3.00	0.54	8.0	2.8	590
N829620		3.89	15.05	0.15	0.9	0.404	3.09	24.9	42.4	0.86	760	1.48	1.07	8.2	2.7	620
N829621		4.91	15.40	0.17	0.8	0.269	3.13	27.0	28.3	0.94	866	0.93	0.99	8.1	2.8	610
N829622		3.42	15.20	0.15	0.9	0.110	2.81	23.9	14.2	0.83	544	1.50	2.08	8.7	3.4	650
N829623		3.64	15.60	0.17	1.0	0.122	2.69	29.1	10.5	0.73	425	2.49	1.94	8.4	6.4	610
N829624		3.27	15.30	0.13	0.9	0.133	2.49	19.7	23.1	0.77	435	8.12	1.45	8.5	3.0	620
N829625		4.56	18.10	0.17	1.1	0.157	2.69	26.2	17.0	0.84	418	5.05	1.66	9.5	4.2	730
N829626		3.26	15.05	0.14	1.0	0.156	2.54	26.6	23.0	0.91	460	10.05	0.42	8.5	2.7	610
N829627		4.85	17.70	0.18	0.9	0.331	2.52	33.0	28.5	0.91	903	2.08	0.09	8.1	2.6	610
N829628		4.63	17.95	0.16	0.8	0.331	2.42	28.5	28.6	0.86	873	4.96	0.09	8.1	2.6	580
N829629		3.31	16.50	0.15	0.9	0.288	2.47	25.6	30.0	0.80	692	5.81	0.07	8.6	3.0	660
N829630		4.60	14.25	0.18	0.7	0.323	2.72	27.3	18.4	0.93	946	5.33	0.07	7.4	4.0	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145811

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829595		29.0	90.0	<0.002	0.63	10.10	9.9	2	4.3	112.5	0.58	0.30	13.5	0.227	2.00	3.5
N829596		23.2	86.1	<0.002	1.10	8.86	10.0	2	2.9	234	0.68	1.08	10.2	0.256	1.58	3.7
N829597		24.8	82.9	<0.002	0.54	4.00	9.4	2	2.2	340	0.75	0.41	11.2	0.253	1.45	4.6
N829598		61.5	136.5	<0.002	1.50	6.11	10.7	2	3.7	108.0	0.55	0.75	11.0	0.255	2.62	3.6
N829599		9580	124.0	0.002	7.19	215	8.6	3	9.0	120.0	0.39	0.69	8.4	0.183	2.24	4.9
N829600		86.9	153.5	<0.002	>10.0	3.39	9.7	6	18.3	26.0	0.63	14.00	12.2	0.220	2.47	4.6
N829601		1.5	1.1	<0.002	0.02	0.07	0.4	1	<0.2	37.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N829602		61.9	171.5	0.002	2.71	7.96	10.7	2	8.2	87.3	0.57	4.42	12.7	0.238	2.39	5.7
N829603		15.9	124.0	0.003	1.03	4.51	11.4	2	4.1	245	0.57	0.84	10.1	0.265	2.02	2.6
N829604		35.6	180.0	<0.002	2.11	9.29	9.9	1	5.2	147.5	0.56	0.63	12.1	0.236	2.40	4.1
N829605		22.6	74.1	0.003	0.31	7.44	9.7	1	2.4	220	0.60	0.21	10.1	0.256	1.20	2.3
N829606		21.8	89.6	0.002	0.41	8.34	10.6	1	4.6	169.0	0.67	0.13	11.9	0.271	1.33	2.6
N829607		24.6	130.5	0.002	0.60	8.20	9.9	1	4.4	222	0.63	0.23	14.0	0.241	1.40	3.4
N829608		21.8	95.8	<0.002	0.61	14.10	10.5	1	5.8	206	0.62	0.26	12.7	0.262	1.56	3.1
N829609		23.9	74.2	<0.002	0.58	5.88	9.9	1	3.2	287	0.64	0.19	10.3	0.256	1.34	2.8
N829610		21.7	84.6	<0.002	0.50	7.48	10.7	2	2.9	304	0.66	0.26	10.9	0.262	1.29	3.1
N829611		21.2	97.4	0.002	0.48	8.33	10.9	1	3.2	212	0.59	0.20	10.3	0.269	1.53	2.6
N829612		49.8	109.0	<0.002	1.11	13.95	9.7	1	3.2	112.0	0.51	0.31	9.6	0.223	2.19	4.3
N829613		17.6	96.7	0.002	0.25	10.70	9.9	1	2.9	121.5	0.64	0.08	11.9	0.247	1.98	3.1
N829614		>10000	131.5	0.002	7.23	221	8.3	3	8.8	122.0	0.44	0.49	8.4	0.188	2.22	5.4
N829615		79.8	108.5	<0.002	0.49	14.35	10.5	1	4.4	104.0	0.78	0.10	13.9	0.258	1.96	4.0
N829616		308	194.0	<0.002	7.83	26.9	11.1	3	11.3	28.9	0.62	2.13	12.1	0.226	2.66	4.8
N829617		3.4	2.0	<0.002	<0.01	0.13	0.3	1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829618		41.3	85.0	0.003	0.64	14.35	9.5	1	4.8	149.0	0.75	0.17	11.6	0.256	1.77	3.1
N829619		23.5	88.8	<0.002	0.58	8.81	9.5	1	4.3	210	0.61	0.20	11.1	0.253	1.49	3.6
N829620		206	137.5	<0.002	1.14	7.50	10.6	1	3.8	204	0.60	0.21	11.5	0.257	1.97	3.8
N829621		148.0	136.5	<0.002	2.18	6.29	10.9	2	5.4	180.0	0.61	0.40	11.0	0.252	2.20	3.9
N829622		82.2	99.6	<0.002	1.15	11.30	11.0	2	3.8	331	0.63	0.32	11.6	0.274	1.41	3.7
N829623		244	106.0	<0.002	2.12	19.50	10.6	2	5.1	315	0.62	0.52	11.9	0.254	1.40	4.4
N829624		21.6	77.3	0.003	1.45	12.55	10.2	2	5.5	217	0.63	0.41	10.1	0.261	1.32	3.1
N829625		19.7	86.3	0.002	2.67	11.80	11.5	3	6.6	235	0.70	0.56	11.0	0.296	1.57	3.7
N829626		24.4	82.1	0.002	1.25	15.40	10.1	2	5.6	123.0	0.65	0.30	14.0	0.252	1.50	3.9
N829627		144.0	97.8	0.002	1.08	28.6	10.4	2	11.1	119.5	0.59	0.20	13.7	0.238	1.57	3.2
N829628		123.5	84.3	0.002	1.10	27.5	10.2	2	11.2	118.5	0.57	0.21	12.3	0.235	1.58	2.9
N829629		107.0	86.0	0.004	1.07	27.9	10.6	1	5.9	75.6	0.58	0.35	11.7	0.265	1.74	2.6
N829630		47.6	136.5	0.002	2.72	32.2	9.9	2	8.7	77.1	0.52	0.34	11.2	0.231	2.04	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145811

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N829595		63	2.7	12.4	76	24.7			
N829596		74	3.1	11.1	67	23.7			
N829597		69	1.9	11.5	57	26.2			
N829598		73	3.4	11.5	169	19.0			
N829599		52	4.5	7.3	>10000	27.1	116		1.550
N829600		61	8.5	9.6	138	22.5			
N829601		3	0.1	0.6	16	<0.5			
N829602		68	6.3	9.0	95	19.6			
N829603		80	3.2	10.2	68	19.1			
N829604		72	5.1	12.6	59	22.2			
N829605		73	23.9	14.2	63	23.3			
N829606		76	9.1	15.4	48	24.8			
N829607		66	2.8	14.1	50	23.1			
N829608		76	4.8	14.3	58	23.2			
N829609		75	2.6	13.5	54	21.2			
N829610		73	2.1	14.8	48	22.6			
N829611		76	3.8	13.5	48	20.3			
N829612		68	2.2	13.4	109	18.6			
N829613		71	3.0	13.4	61	25.0			
N829614		56	4.6	9.4	>10000	33.1	120	0.976	1.605
N829615		74	4.2	14.4	156	25.3			
N829616		70	6.6	8.6	304	20.1			
N829617		3	0.1	0.9	19	<0.5			
N829618		72	7.3	12.7	86	22.7			
N829619		68	19.9	13.2	55	22.7			
N829620		70	6.9	13.1	457	22.0			
N829621		72	8.3	12.3	697	20.5			
N829622		74	1.6	14.4	116	21.5			
N829623		70	4.1	13.2	417	24.4			
N829624		70	2.5	13.3	37	21.6			
N829625		93	1.8	14.5	35	27.2			
N829626		71	2.4	13.9	55	25.9			
N829627		90	4.4	16.4	252	22.5			
N829628		88	4.2	15.7	216	21.7			
N829629		73	3.0	14.3	285	23.3			
N829630		66	3.0	12.9	147	19.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12145811

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145812

Project: Klaza - 66

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

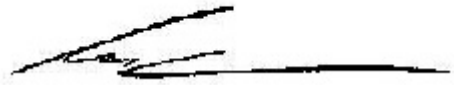
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza - 66

CERTIFICATE OF ANALYSIS WH12145812

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829631		9.17	0.035	0.35	7.04	33.9	1740	1.54	1.14	2.24	0.32	44.4	7.9	11	12.10	32.6
N829632		0.22	4.37	>100	5.47	7980	570	1.04	57.4	1.95	220	34.7	9.0	17	11.65	1215
N829633		7.35	0.105	1.26	6.54	137.5	640	1.38	2.30	2.00	0.91	60.2	11.0	9	12.40	86.3
N829634		5.94	0.637	>100	5.86	474	50	1.16	291	1.59	18.75	38.2	39.9	8	5.95	1415
N829635		1.69	<0.005	0.22	0.08	<5	20	0.06	0.44	20.7	0.09	1.28	0.5	<1	0.19	4.7
N829636		6.48	0.106	1.14	6.94	46.7	600	1.25	2.11	2.70	7.64	47.5	9.7	9	10.50	34.4
N829637		13.52	0.038	0.60	6.88	43.7	1410	1.37	1.40	3.13	0.57	39.4	10.2	9	14.30	39.4
N829638		11.55	0.034	0.37	6.62	21.8	1660	1.35	1.43	3.04	0.31	34.5	5.5	10	11.65	46.9
N829639		12.93	0.016	0.15	6.52	23.7	1740	1.34	0.77	3.01	0.15	42.8	12.1	9	11.20	29.6
N829640		13.84	0.011	0.42	6.80	37.7	1250	1.50	1.00	2.69	0.22	39.7	19.0	9	12.50	85.5
N829641		0.23	2.27	24.6	6.00	3440	1090	1.37	18.65	2.21	76.5	44.0	10.3	19	14.65	432
N829642		4.36	0.143	4.24	6.30	102.5	520	1.22	6.62	2.62	44.6	39.4	28.1	7	11.15	45.8
N829643		11.36	0.051	1.48	6.20	38.0	1920	1.31	1.92	4.37	7.01	41.4	5.2	9	11.25	41.5
N829644		9.30	0.112	2.36	7.16	126.0	530	1.33	3.29	1.73	3.76	53.6	4.5	9	9.23	62.7
N829645		10.29	0.118	1.94	7.18	100.0	1280	1.60	2.69	1.73	1.62	53.4	7.1	10	14.25	68.8
N829646		5.85	0.264	4.13	6.57	273	190	1.32	8.16	0.62	0.80	51.7	13.8	9	5.62	28.0
N829647		16.23	0.087	2.98	7.17	103.0	1250	1.36	4.69	1.56	0.62	51.0	6.9	10	10.45	44.6
N829648		13.73	<0.005	0.22	7.24	10.5	2460	1.35	0.40	2.31	0.80	46.4	9.5	9	11.20	3.3
N829649		12.06	0.005	0.25	6.93	9.3	1820	1.44	0.58	2.74	0.34	42.8	8.8	10	9.74	5.9
N829650		7.73	0.006	0.21	8.06	14.0	1860	1.37	0.66	1.45	0.27	64.9	9.1	10	10.30	8.5
N829651		3.46	0.009	0.25	7.75	13.8	1960	1.58	0.86	1.48	0.22	67.5	12.1	10	11.10	9.7
N829652		5.81	0.171	3.76	6.52	156.5	310	1.39	5.65	1.36	5.55	59.8	14.1	8	14.40	59.9
N829653		12.09	0.046	0.80	7.11	45.3	1890	1.64	1.25	2.16	1.28	48.3	6.2	10	16.50	22.1
N829654		13.40	<0.005	0.25	7.01	10.1	2200	1.54	0.70	2.63	0.14	45.7	6.5	10	14.90	36.8
N829655		14.41	<0.005	0.16	7.34	8.5	1990	1.44	0.40	2.63	0.25	43.6	5.7	11	11.00	15.8
N829656		15.03	0.064	0.96	7.24	76.3	1120	1.40	1.73	2.27	1.48	55.8	9.1	9	13.10	28.4
N829657		5.60	0.461	3.95	6.81	545	360	1.48	6.05	1.14	8.77	53.1	9.4	69	10.30	64.8
N829658		1.03	<0.005	0.08	0.09	<5	30	0.05	0.04	21.4	0.07	1.41	0.5	<1	0.23	1.6
N829659		7.05	2.38	17.60	7.17	1050	280	1.51	22.0	1.25	30.8	61.0	7.1	10	13.80	1020
N829660		14.57	0.010	0.30	7.41	28.9	2330	1.67	0.47	2.40	0.54	54.6	6.9	10	12.95	17.2
N829661		12.47	0.032	0.89	7.02	107.5	1890	1.35	1.56	2.42	0.90	46.1	7.5	10	14.25	27.1
N829662		12.62	0.010	0.35	6.52	23.2	1850	1.36	0.57	3.46	1.12	42.4	7.3	9	14.30	8.3
N829663		<0.02	0.009	0.32	6.69	21.5	1860	1.35	0.51	3.32	1.09	46.1	7.0	9	14.95	8.2
N829664		3.22	0.243	3.20	6.10	166.0	320	1.59	2.11	3.40	25.0	48.7	18.5	6	13.00	215
N829665		10.65	0.015	0.59	7.58	28.5	1710	1.38	0.77	2.27	0.52	47.4	8.1	13	13.80	29.9
N829666		9.41	0.005	0.16	7.47	16.5	2240	1.61	0.49	2.33	0.24	41.7	12.6	10	11.85	9.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza - 66

CERTIFICATE OF ANALYSIS WH12145812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829631		3.11	15.15	0.11	0.8	0.290	2.49	22.0	20.0	0.82	681	2.93	1.18	7.0	2.5	590
N829632		8.05	12.55	0.09	1.0	4.78	2.25	18.6	30.9	0.63	2900	15.30	0.08	5.3	13.3	440
N829633		4.04	14.80	0.11	0.8	0.323	2.89	35.7	8.9	0.93	595	2.39	0.05	6.0	3.0	500
N829634		11.20	16.50	0.13	0.6	1.175	2.69	18.8	12.0	0.78	871	3.35	0.05	4.2	2.6	420
N829635		0.43	0.17	0.06	<0.1	0.006	0.03	0.6	1.0	12.50	189	0.14	<0.01	0.1	1.5	220
N829636		5.10	15.60	0.12	0.7	0.405	2.80	25.2	14.2	1.02	766	1.58	0.07	6.0	2.7	560
N829637		3.31	15.40	0.14	0.9	0.139	2.43	19.2	34.6	1.09	715	4.08	0.11	7.1	2.1	560
N829638		3.11	14.70	0.11	0.9	0.183	2.13	16.5	44.4	0.94	550	2.59	0.11	7.2	2.3	580
N829639		3.27	14.75	0.11	1.0	0.277	2.33	24.0	40.0	0.88	719	3.15	0.85	6.4	3.4	510
N829640		3.32	16.00	0.15	0.9	0.217	2.42	19.3	50.3	0.85	638	28.0	0.36	7.6	2.7	600
N829641		6.58	13.50	0.15	0.9	1.700	2.61	24.2	23.2	0.91	1830	12.95	0.04	5.5	14.9	430
N829642		6.48	13.55	0.11	0.7	0.389	2.79	20.8	10.0	1.11	1580	2.10	0.04	5.3	3.0	490
N829643		3.50	13.75	0.12	0.9	0.145	2.76	19.7	28.9	0.84	1600	46.3	0.57	6.9	2.0	500
N829644		4.25	14.40	0.13	1.2	0.185	2.90	29.3	32.9	0.77	865	8.02	0.05	7.4	1.8	570
N829645		4.50	15.45	0.13	0.9	0.431	3.17	27.9	9.2	0.95	1460	1.07	0.05	6.5	2.0	550
N829646		6.63	16.60	0.12	0.8	0.403	3.25	28.1	7.7	0.57	773	0.92	0.05	5.6	2.6	530
N829647		3.88	15.85	0.14	1.0	0.286	2.88	25.7	32.0	0.71	744	2.99	0.26	7.1	2.0	580
N829648		2.66	16.05	0.13	1.1	0.130	2.29	25.1	40.6	0.82	543	6.12	1.21	8.2	1.9	630
N829649		2.90	14.80	0.13	1.1	0.161	2.22	21.4	32.7	0.74	648	1.75	0.88	7.2	2.1	580
N829650		3.24	16.40	0.13	1.3	0.207	2.60	38.0	28.2	0.62	772	5.37	0.48	7.8	1.9	630
N829651		3.29	16.70	0.15	1.2	0.216	2.52	39.5	27.8	0.60	588	3.15	0.38	8.0	2.1	630
N829652		4.85	14.95	0.14	1.0	0.179	2.96	34.1	13.6	0.69	2100	13.85	0.04	6.2	2.4	530
N829653		3.66	14.95	0.13	1.2	0.151	3.05	23.6	25.0	0.72	797	6.62	0.62	7.3	2.1	590
N829654		2.95	16.10	0.14	1.1	0.173	2.59	23.0	18.7	0.73	548	4.53	1.74	8.0	2.4	590
N829655		3.18	16.15	0.13	1.1	0.100	2.53	21.7	17.0	0.82	601	2.03	2.24	8.0	2.6	620
N829656		5.32	15.00	0.15	1.0	0.239	3.08	30.0	19.5	0.88	1410	1.52	0.24	6.8	2.1	590
N829657		6.64	17.00	0.12	1.1	0.278	3.08	28.0	26.5	0.87	2100	3.68	0.04	6.1	15.0	520
N829658		0.46	0.23	0.09	<0.1	0.006	0.03	0.7	1.1	13.05	205	0.11	0.01	0.2	1.5	190
N829659		6.61	16.45	0.15	1.0	1.490	3.20	34.2	10.3	0.83	1380	2.47	0.04	6.7	3.2	510
N829660		3.28	16.55	0.13	1.1	0.105	2.72	27.2	47.1	0.79	668	2.08	1.56	8.2	2.4	630
N829661		4.59	15.75	0.12	0.9	0.160	2.67	23.2	45.0	0.74	1050	1.03	0.77	7.2	3.1	560
N829662		3.60	14.40	0.12	0.9	0.110	2.25	18.9	95.6	0.81	1200	1.11	0.07	7.1	2.1	560
N829663		3.57	14.60	0.11	0.9	0.113	2.30	20.8	96.3	0.81	1200	0.90	0.07	7.2	2.2	570
N829664		6.28	14.00	0.11	0.6	0.510	2.59	28.6	17.7	1.17	6440	0.57	0.04	5.8	3.3	530
N829665		3.82	15.55	0.13	1.0	0.149	1.99	25.0	83.4	0.80	1510	0.69	0.04	7.9	2.3	640
N829666		3.21	16.45	0.12	1.0	0.102	1.81	23.4	219	0.70	710	1.03	0.05	8.6	2.6	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza - 66

CERTIFICATE OF ANALYSIS WH12145812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829631		22.2	141.5	0.003	1.42	8.98	10.6	<1	6.7	172.5	0.55	0.11	13.2	0.235	2.09	4.0
N829632		9360	144.0	0.004	6.92	208	7.4	<1	8.4	118.5	0.42	0.32	10.0	0.175	2.18	5.8
N829633		49.4	205	0.003	3.08	7.80	10.0	1	7.0	65.0	0.45	0.57	12.9	0.196	2.63	4.1
N829634		2050	152.0	0.002	>10.0	71.4	7.6	2	26.9	40.5	0.30	1.01	10.7	0.136	2.11	9.1
N829635		4.4	1.8	0.003	0.03	0.25	0.2	<1	0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N829636		371	192.0	0.003	3.15	6.35	10.0	1	10.9	82.4	0.44	0.38	12.0	0.208	2.39	4.7
N829637		35.6	121.5	0.005	1.74	12.45	10.4	1	5.3	116.0	0.53	0.18	12.8	0.230	1.83	4.2
N829638		22.4	72.1	0.003	1.41	13.35	9.4	<1	3.8	128.5	0.62	0.21	11.1	0.247	1.53	3.5
N829639		16.2	93.3	0.004	1.21	7.93	8.5	<1	3.7	259	0.60	0.11	13.9	0.210	1.69	4.0
N829640		19.0	95.9	0.007	1.46	19.65	10.1	<1	3.7	197.5	0.56	0.23	9.6	0.235	1.61	3.4
N829641		2750	169.0	0.004	4.72	89.4	7.9	<1	7.8	87.9	0.44	0.27	11.6	0.174	2.30	5.6
N829642		163.0	190.0	0.002	5.23	8.61	9.3	1	5.5	66.2	0.41	0.32	10.1	0.175	2.46	5.2
N829643		248	100.5	0.006	1.16	8.55	8.3	<1	3.6	252	0.54	0.07	12.0	0.215	1.73	5.2
N829644		128.5	179.5	0.003	2.03	13.10	9.8	<1	5.1	130.5	0.64	0.20	17.4	0.235	2.16	4.8
N829645		88.6	197.5	0.002	1.67	10.90	10.3	<1	5.6	78.5	0.51	0.32	14.5	0.224	2.83	4.9
N829646		98.4	220	0.002	5.53	6.19	9.9	<1	14.8	22.7	0.46	0.82	13.8	0.195	2.43	5.0
N829647		54.1	185.0	0.003	1.88	10.60	10.9	<1	7.7	112.0	0.61	0.30	16.0	0.234	2.18	4.2
N829648		45.9	93.5	0.003	0.50	4.64	10.7	<1	3.4	350	0.71	<0.05	14.0	0.262	1.36	3.4
N829649		26.8	73.3	0.003	0.55	6.80	9.1	<1	2.7	269	0.64	<0.05	10.6	0.240	1.16	3.2
N829650		18.4	136.5	0.003	0.58	8.07	11.3	<1	3.4	147.0	0.67	<0.05	17.7	0.254	1.58	3.3
N829651		18.0	135.5	0.004	0.79	8.30	11.7	<1	3.6	136.5	0.68	0.08	17.3	0.252	1.64	3.8
N829652		208	178.5	0.004	3.44	15.65	9.8	<1	8.0	53.7	0.52	0.20	12.3	0.209	2.42	3.5
N829653		51.1	140.5	0.003	0.81	6.56	10.0	<1	3.7	190.5	0.63	<0.05	14.1	0.244	2.02	4.8
N829654		21.6	106.5	0.003	0.19	7.25	10.5	<1	2.6	354	0.62	<0.05	12.1	0.255	1.28	3.5
N829655		23.4	96.9	0.003	0.12	2.83	10.7	<1	2.6	359	0.66	<0.05	12.5	0.263	1.18	3.7
N829656		75.0	167.0	0.003	1.32	6.12	9.8	<1	5.2	128.0	0.58	<0.05	14.3	0.242	2.40	4.7
N829657		302	214	0.005	4.01	12.35	11.7	<1	15.0	53.8	0.51	0.25	13.2	0.232	2.59	5.0
N829658		2.0	2.1	0.002	0.02	0.14	0.2	<1	0.2	46.8	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N829659		551	202	0.004	4.45	19.50	9.6	<1	12.1	58.4	0.56	0.84	15.2	0.214	2.63	5.3
N829660		29.9	110.0	0.003	0.27	9.83	11.2	<1	2.5	287	0.60	<0.05	12.5	0.257	1.42	3.6
N829661		61.8	112.0	0.003	0.71	9.90	10.0	<1	3.6	194.0	0.56	<0.05	12.8	0.236	1.59	4.1
N829662		67.8	70.3	0.003	0.37	17.40	9.1	<1	2.7	178.0	0.58	<0.05	10.4	0.240	1.54	3.2
N829663		58.9	78.6	0.003	0.34	17.40	9.1	<1	2.7	173.5	0.57	<0.05	11.8	0.245	1.51	3.4
N829664		331	152.0	0.003	3.13	34.2	8.6	<1	6.2	95.0	0.45	0.10	11.3	0.198	2.47	4.6
N829665		35.6	81.7	0.002	0.77	28.3	10.3	<1	2.8	135.5	0.66	0.07	13.4	0.262	1.49	3.3
N829666		15.5	57.4	0.003	0.57	23.6	11.0	1	2.9	144.5	0.65	0.05	12.7	0.270	1.18	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza - 66

CERTIFICATE OF ANALYSIS WH12145812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N829631		68	2.5	12.2	54	19.9		
N829632		51	4.7	9.6	>10000	32.7	118	1.570
N829633		61	3.1	11.7	86	19.8		
N829634		84	6.5	9.7	1400	15.6	130	
N829635		2	0.1	0.8	15	<0.5		
N829636		73	2.5	11.7	661	19.2		
N829637		67	3.8	13.2	70	22.3		
N829638		70	4.2	12.6	55	22.6		
N829639		62	2.9	12.8	59	24.0		
N829640		69	6.3	13.3	61	23.5		
N829641		56	5.2	9.9	5280	24.6		
N829642		58	4.5	11.6	3440	16.3		
N829643		63	7.3	13.1	593	21.3		
N829644		66	6.2	11.0	360	28.0		
N829645		64	4.1	11.3	166	22.4		
N829646		61	6.6	7.2	79	21.1		
N829647		67	3.8	10.9	81	25.0		
N829648		73	3.7	14.5	91	28.2		
N829649		71	3.1	13.3	60	26.7		
N829650		73	4.8	16.0	55	31.4		
N829651		72	4.0	17.5	49	31.2		
N829652		60	5.6	9.7	436	23.2		
N829653		71	2.6	12.7	112	27.1		
N829654		71	1.6	14.7	43	28.9		
N829655		73	2.0	14.7	53	25.5		
N829656		70	5.7	11.4	190	23.0		
N829657		76	8.4	9.6	812	29.7		
N829658		3	0.1	0.9	13	<0.5		
N829659		63	6.7	10.2	2350	24.2		
N829660		73	2.3	15.6	67	27.8		
N829661		67	5.5	13.6	130	22.5		
N829662		66	5.6	12.4	151	22.1		
N829663		67	5.9	12.6	154	22.0		
N829664		55	5.1	9.7	2000	15.1		
N829665		71	6.6	13.1	84	25.3		
N829666		71	3.9	14.0	55	23.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza - 66

CERTIFICATE OF ANALYSIS WH12145812

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145813

Project: Klaza-66

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

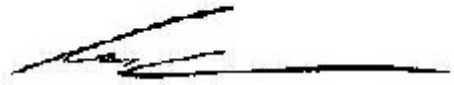
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145813

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829667		5.42	0.006	0.23	6.77	32.3	2080	1.56	0.84	3.47	0.16	47.3	12.2	6	20.5	4.1
N829668		6.64	0.008	0.44	6.97	24.9	2090	1.81	1.06	3.19	2.29	58.2	9.2	15	19.60	6.8
N829669		6.03	0.816	10.90	6.06	496	260	1.37	14.80	2.17	33.1	43.8	18.5	4	12.85	485
N829670		10.79	0.095	2.11	7.42	113.5	1040	1.54	5.09	1.99	1.85	62.4	9.0	7	15.05	60.9
N829671		0.20	4.36	>100	5.58	7350	160	1.27	51.7	2.02	229	35.6	9.7	16	11.55	1315
N829672		10.61	0.317	4.85	6.23	269	280	1.42	9.92	1.61	18.70	52.6	14.0	5	15.55	89.5
N829673		4.36	0.689	9.95	5.97	1435	350	1.35	20.1	0.88	22.9	43.1	9.6	5	12.00	249
N829674		3.82	<0.005	0.03	0.12	<5	30	0.06	0.07	22.0	0.12	1.67	1.4	<1	0.33	2.5
N829675		4.56	0.088	2.10	6.88	188.5	350	1.25	2.93	0.86	1.30	60.0	5.7	7	9.67	87.6
N829676		8.93	0.067	1.13	7.88	406	1100	1.56	2.28	1.75	1.09	57.8	5.7	10	14.60	36.4
N829677		5.80	0.125	2.02	7.72	1505	840	1.66	3.26	0.93	2.34	57.0	6.2	8	11.40	127.0
N829678		5.35	0.257	1.50	7.77	3720	780	1.70	2.76	0.70	3.69	66.2	5.7	10	8.89	36.5
N829679		13.01	0.011	0.32	8.20	68.9	2180	1.45	0.46	2.61	0.39	54.2	6.7	10	20.1	47.5
N829680		12.55	0.006	0.33	8.42	34.1	2250	1.40	0.90	2.10	0.29	51.5	10.0	10	15.80	29.6
N829681		0.22	2.39	26.8	6.50	3530	710	1.32	21.3	2.29	81.1	45.0	11.2	19	14.50	440
N829682		10.98	0.011	0.50	8.25	59.5	1960	1.42	0.66	1.87	1.02	49.9	8.0	10	15.70	13.9
N829683		3.96	1.775	11.70	6.49	6380	470	1.37	19.10	1.57	27.6	50.5	11.0	11	15.30	479
N829684		6.67	0.007	0.51	7.71	48.6	1860	1.80	0.66	2.84	0.74	57.6	6.7	11	31.2	11.1
N829685		8.88	<0.005	0.18	8.55	10.8	2420	1.94	0.29	2.23	0.14	46.8	7.7	9	21.5	12.7
N829686		9.96	0.023	0.61	7.45	52.9	1330	1.58	1.34	2.28	0.68	48.6	9.5	11	18.15	37.9
N829687		10.95	0.132	1.07	7.70	400	1610	1.93	1.21	2.92	5.14	70.9	6.9	11	28.9	26.0
N829688		3.90	0.012	0.51	8.24	91.4	2300	2.12	0.55	3.82	1.35	76.6	5.5	11	25.6	17.9
N829689		5.49	<0.005	0.27	7.51	43.7	2580	1.96	0.27	4.20	0.93	66.2	5.4	12	22.5	5.0
N829690		11.57	<0.005	0.29	7.45	18.0	1810	1.33	0.61	2.66	0.21	45.9	8.9	10	18.45	15.5
N829691		11.77	0.027	0.30	7.91	103.5	2270	1.46	0.76	2.46	0.22	54.2	9.1	11	23.0	21.1
N829692		11.14	0.057	1.27	7.71	267	1350	1.41	1.85	1.63	0.60	58.1	8.7	9	14.90	86.0
N829693		9.79	0.200	0.82	7.89	1255	1020	1.46	2.17	1.77	1.85	54.4	9.0	8	11.40	31.4
N829694		7.10	0.060	0.62	7.71	150.5	1750	1.48	0.74	2.54	3.54	50.8	8.7	8	17.45	16.0
N829695		4.52	0.758	5.88	6.21	413	270	1.21	9.20	2.87	16.75	43.7	13.8	7	13.90	160.5
N829696		1.56	<0.005	0.11	0.09	5	40	0.06	0.05	20.1	0.09	1.29	0.6	<1	0.27	2.3
N829697		12.59	<0.005	0.15	8.60	13.9	2250	1.62	0.35	2.17	0.19	47.8	8.0	9	19.05	14.1
N829698		6.48	0.028	0.29	7.18	28.0	1560	1.37	0.81	2.69	0.36	43.6	7.3	9	14.00	22.5
N829699		5.87	0.219	1.20	7.37	400	1050	1.54	1.68	2.35	3.12	51.4	9.7	11	17.40	82.5
N829700		4.11	0.372	1.77	7.60	737	860	1.36	3.39	1.99	0.57	52.6	9.8	10	14.25	34.2
N829701		4.35	0.289	0.91	7.86	154.0	2100	1.37	1.94	2.13	0.45	48.5	7.9	10	16.00	50.3
N829702		<0.02	0.100	0.83	7.74	153.5	2100	1.51	1.88	2.15	0.37	49.9	7.9	10	16.00	53.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829667		3.58	13.70	0.12	0.8	0.251	2.93	26.2	13.6	1.06	956	0.56	0.12	6.9	3.0	570
N829668		4.24	13.70	0.15	0.9	0.404	3.03	33.2	14.7	1.03	1300	0.99	0.09	7.2	7.1	560
N829669		8.83	14.50	0.21	0.7	0.616	2.70	23.1	17.3	0.97	7340	2.84	0.04	6.2	3.1	440
N829670		5.28	15.80	0.17	1.0	0.226	2.87	34.8	38.4	0.95	1870	2.18	0.04	8.0	3.2	590
N829671		8.72	13.00	0.22	1.0	4.82	2.42	18.1	37.6	0.63	3080	16.05	0.09	6.4	15.5	450
N829672		7.24	14.65	0.17	1.0	0.251	2.69	28.8	22.8	0.86	9380	3.34	0.03	7.0	3.2	500
N829673		8.61	14.15	0.20	0.9	0.424	2.72	23.2	14.5	0.63	2290	4.07	0.03	6.2	3.5	430
N829674		0.51	0.39	0.10	<0.1	0.008	0.02	0.8	1.2	13.40	224	0.19	0.01	0.4	1.5	200
N829675		7.23	16.35	0.17	1.2	0.311	3.31	32.7	8.8	0.95	1620	1.97	0.04	7.8	2.5	540
N829676		5.66	19.20	0.10	1.2	0.237	3.11	32.1	29.6	0.93	1220	1.60	0.42	7.8	2.9	620
N829677		7.73	19.05	0.14	1.2	0.300	3.29	35.6	16.6	0.95	1950	2.09	0.04	6.7	2.7	560
N829678		9.21	22.6	0.17	1.2	0.282	3.50	35.4	10.8	0.77	1700	4.85	0.06	7.3	3.7	590
N829679		3.77	18.50	0.14	1.3	0.097	2.56	28.5	30.0	0.85	725	0.57	0.30	8.4	2.9	670
N829680		4.50	17.55	0.11	1.2	0.147	2.42	26.5	46.9	0.85	769	3.10	0.09	7.7	3.6	650
N829681		7.19	15.40	0.11	1.0	1.770	2.70	25.8	24.2	0.94	2000	14.10	0.04	5.8	15.2	470
N829682		4.29	16.30	0.11	1.2	0.082	2.57	24.8	48.3	0.75	1140	7.98	0.05	7.8	2.7	650
N829683		7.94	16.40	0.13	1.0	0.647	2.49	27.6	33.0	0.67	2010	6.40	0.03	5.9	4.5	460
N829684		2.96	18.15	0.13	1.6	0.097	2.84	31.4	53.6	0.83	975	2.10	0.04	8.8	2.5	710
N829685		4.52	17.40	0.13	1.2	0.042	2.65	25.2	27.6	0.95	576	2.07	1.13	7.9	2.7	650
N829686		3.77	17.15	0.16	1.1	0.088	2.48	25.9	75.0	0.80	1080	1.10	0.45	8.0	3.2	580
N829687		3.34	18.75	0.14	2.3	0.059	2.84	39.9	40.6	0.98	1370	2.28	0.06	10.6	2.9	820
N829688		3.02	19.65	0.14	2.4	0.045	2.79	42.2	56.7	1.09	1120	1.65	0.06	11.3	2.8	890
N829689		2.97	18.65	0.12	2.5	0.039	2.88	36.2	55.3	1.09	1240	1.22	0.08	10.9	3.1	860
N829690		3.27	15.75	0.13	1.1	0.067	2.70	24.9	28.9	0.82	753	0.96	0.94	6.8	2.6	580
N829691		3.38	17.85	0.11	1.2	0.073	2.84	28.2	36.5	0.74	499	1.47	1.56	8.0	2.7	610
N829692		5.28	17.00	0.12	1.1	0.152	2.79	33.9	46.8	0.86	1040	0.61	0.10	7.3	2.7	580
N829693		4.86	15.75	0.13	1.0	0.133	2.32	31.4	27.4	0.67	632	0.61	0.56	7.0	2.4	580
N829694		3.68	16.70	0.13	1.1	0.116	2.84	25.8	47.6	0.82	4460	0.61	0.05	7.0	2.6	600
N829695		6.44	14.45	0.13	0.8	0.184	2.61	25.1	18.1	1.05	4480	5.66	0.04	5.4	3.0	430
N829696		0.48	0.25	0.05	<0.1	0.005	0.03	0.7	1.1	12.30	217	0.11	<0.01	0.2	1.4	170
N829697		3.47	17.45	0.11	1.2	0.058	2.88	25.1	59.7	0.79	581	2.88	0.09	8.2	2.9	660
N829698		2.56	16.40	0.13	1.0	0.096	2.46	22.9	72.9	0.67	644	7.28	0.06	7.4	2.6	600
N829699		4.48	17.00	0.13	1.0	0.283	2.91	29.5	30.8	0.92	1840	45.6	0.04	7.0	2.9	540
N829700		4.83	16.70	0.12	1.0	0.147	2.99	30.3	30.3	0.73	669	3.66	0.08	7.1	2.6	590
N829701		4.06	16.90	0.12	1.0	0.181	3.34	27.4	29.2	0.77	933	3.23	0.08	7.1	2.7	610
N829702		4.13	17.40	0.11	1.0	0.179	3.27	24.8	31.1	0.76	951	3.22	0.08	7.3	2.8	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829667		14.0	103.5	<0.002	1.28	8.53	9.3	1	3.5	127.0	0.53	0.13	11.2	0.216	2.06	3.2
N829668		117.5	119.0	<0.002	0.98	7.83	9.8	1	4.7	108.5	0.55	0.10	12.2	0.218	2.12	3.0
N829669		978	145.0	0.002	6.49	50.0	9.7	2	11.8	68.9	0.45	0.60	9.7	0.177	2.36	4.6
N829670		128.5	154.5	<0.002	1.68	17.00	10.9	1	6.1	104.0	0.58	0.27	13.4	0.241	2.42	3.8
N829671		10000	134.5	0.002	6.99	215	8.2	3	8.6	119.0	0.43	0.50	8.4	0.181	2.16	5.2
N829672		723	152.0	<0.002	4.00	28.1	9.4	2	7.7	71.8	0.54	0.66	11.7	0.199	2.32	3.8
N829673		825	166.0	<0.002	6.44	49.6	8.5	2	9.6	35.0	0.49	0.64	11.2	0.174	2.23	3.5
N829674		4.1	2.4	<0.002	<0.01	0.25	0.3	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N829675		81.0	201	<0.002	3.71	14.50	9.6	1	8.7	43.0	0.68	0.40	13.9	0.220	2.79	5.6
N829676		62.7	179.0	0.002	2.25	7.62	11.6	1	6.9	148.0	0.66	0.17	13.8	0.254	2.28	6.4
N829677		141.5	183.5	0.005	2.71	11.00	10.2	1	10.5	49.8	0.59	0.10	13.0	0.227	2.77	5.2
N829678		126.5	199.5	0.004	5.79	10.75	11.4	<1	11.1	39.0	0.61	0.13	12.4	0.247	2.78	4.7
N829679		19.0	102.0	<0.002	0.26	17.80	11.9	<1	3.6	194.0	0.71	<0.05	12.5	0.276	1.52	5.3
N829680		21.5	97.3	0.006	0.67	15.45	11.0	<1	5.7	167.5	0.67	0.05	13.2	0.271	1.42	4.4
N829681		2820	160.5	0.002	5.01	93.3	8.5	<1	8.2	97.7	0.48	0.37	10.2	0.180	2.33	5.9
N829682		63.7	85.5	0.004	0.46	13.15	10.3	<1	4.3	127.5	0.69	<0.05	13.2	0.278	1.50	3.7
N829683		547	148.5	<0.002	5.92	120.5	8.7	<1	9.8	78.2	0.53	0.80	11.0	0.201	2.03	4.2
N829684		43.3	126.5	<0.002	0.57	15.20	9.4	<1	3.7	177.0	0.65	0.08	11.1	0.254	1.79	6.0
N829685		18.4	109.0	0.003	0.08	4.37	11.6	<1	2.2	336	0.68	<0.05	13.1	0.253	1.23	4.4
N829686		42.3	127.0	<0.002	0.98	15.55	11.6	1	3.4	189.0	0.60	0.10	12.7	0.258	1.66	4.7
N829687		120.0	118.5	0.004	0.84	12.35	6.6	<1	3.0	211	0.76	<0.05	10.4	0.246	1.76	6.0
N829688		52.9	126.0	0.002	0.19	11.80	7.0	<1	2.5	267	0.79	<0.05	11.2	0.243	1.76	6.3
N829689		37.9	87.7	0.002	0.12	9.06	5.9	<1	1.8	290	0.76	<0.05	9.4	0.257	1.68	5.5
N829690		21.1	96.1	0.002	0.63	5.88	9.5	<1	2.3	264	0.57	0.05	10.6	0.247	1.44	3.8
N829691		23.6	109.0	<0.002	0.35	6.65	11.1	<1	2.7	326	0.61	<0.05	12.5	0.266	1.24	4.6
N829692		55.4	162.5	0.004	1.75	22.0	10.5	<1	6.9	108.0	0.67	0.07	15.0	0.239	1.92	5.0
N829693		81.1	116.0	0.003	1.41	14.40	10.2	<1	7.3	151.0	0.68	<0.05	13.6	0.248	1.42	3.9
N829694		117.0	110.5	0.003	0.71	13.00	10.1	<1	3.9	131.0	0.62	<0.05	11.7	0.250	2.01	4.9
N829695		358	145.0	0.003	4.55	33.2	8.1	1	8.0	90.2	0.49	0.63	10.0	0.188	2.29	6.9
N829696		2.2	1.8	0.002	0.02	0.25	0.2	<1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N829697		18.7	92.2	0.004	0.22	8.92	11.2	<1	2.5	139.0	0.76	<0.05	12.7	0.282	1.34	4.0
N829698		22.6	88.5	0.002	0.58	12.85	10.2	<1	2.5	174.5	0.63	0.11	10.5	0.248	1.50	4.0
N829699		130.0	162.5	0.003	1.92	14.80	11.9	<1	6.1	112.5	0.60	0.21	12.2	0.240	2.11	5.6
N829700		77.8	144.0	0.003	2.67	10.10	10.8	<1	5.9	118.5	0.61	0.28	12.9	0.246	1.78	4.2
N829701		41.8	144.0	0.006	1.32	10.25	10.7	<1	3.7	139.5	0.57	0.26	13.1	0.253	1.96	5.3
N829702		42.8	137.0	0.002	1.32	10.85	10.7	<1	3.9	141.5	0.60	0.27	12.2	0.248	2.02	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N829667		66	2.5	13.9	37	22.1			
N829668		66	4.1	14.1	257	22.9			
N829669		58	7.0	10.0	3040	18.9			
N829670		68	6.3	12.5	202	26.7			
N829671		55	4.4	9.5	>10000	33.4	151	1.205	1.935
N829672		59	6.9	10.8	1680	25.7			
N829673		53	8.1	7.8	2130	22.9			
N829674		3	0.1	0.9	21	0.5			
N829675		65	9.0	8.7	152	29.0			
N829676		72	6.2	13.4	130	30.2			
N829677		65	11.7	8.7	275	29.2			
N829678		70	15.4	9.5	350	28.3			
N829679		78	3.5	17.4	67	30.9			
N829680		80	5.5	14.9	62	26.1			
N829681		58	5.2	10.6	5480	26.5			
N829682		79	6.6	14.0	134	29.3			
N829683		59	9.0	10.0	2190	23.2			
N829684		67	3.9	14.0	106	45.1			
N829685		70	2.0	16.8	48	28.0			
N829686		72	5.2	14.6	93	27.2			
N829687		51	3.3	13.1	485	80.6			
N829688		50	2.1	15.1	149	84.1			
N829689		52	1.5	13.4	131	80.1			
N829690		67	4.6	13.7	48	24.6			
N829691		72	3.6	16.2	47	29.2			
N829692		67	6.8	12.8	94	25.9			
N829693		67	6.2	13.8	156	22.7			
N829694		70	4.6	14.9	310	25.4			
N829695		57	6.4	11.8	1390	18.6			
N829696		2	0.1	0.8	18	<0.5			
N829697		79	6.5	15.0	48	28.2			
N829698		71	11.9	14.1	56	25.8			
N829699		71	11.2	14.9	271	24.4			
N829700		70	8.2	14.6	72	23.5			
N829701		73	11.9	14.9	68	23.9			
N829702		72	11.3	14.2	64	25.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12145813

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145814

Project: Klaza-66

P.O. No.: Batch 8

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

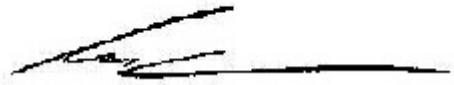
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145814

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829703		13.53	0.014	0.25	7.89	20.4	2710	1.55	1.06	2.42	0.18	47.7	12.9	12	16.20	15.5
N829704		13.03	0.051	1.48	7.34	54.7	2790	1.52	0.38	2.20	18.25	51.9	7.5	12	14.60	27.7
N829705		11.73	0.031	0.81	8.09	47.6	2090	1.99	1.84	2.24	0.71	60.2	8.0	11	17.85	62.3
N829706		0.22	2.34	27.3	6.14	3630	170	1.28	19.10	2.28	79.9	48.3	10.8	19	13.70	451
N829707		6.46	0.084	2.08	7.62	80.9	1750	1.52	4.00	2.40	0.75	47.5	7.8	11	15.05	86.2
N829708		8.74	0.010	1.30	7.83	38.7	1350	1.70	2.34	2.61	3.00	51.8	6.4	10	17.15	67.0
N829709		4.36	0.123	27.2	7.54	273	1000	2.09	65.7	2.01	27.6	55.3	8.1	22	16.75	151.0
N829710		2.32	<0.005	0.11	0.10	<5	20	0.09	0.25	22.1	0.20	1.48	0.7	1	0.25	2.0
N829711		3.27	0.078	2.91	6.81	165.5	1130	1.56	4.51	3.43	2.30	35.6	11.0	131	22.3	101.0
N829712		13.37	<0.005	0.17	7.66	29.8	1990	2.57	0.31	3.65	0.36	73.9	4.7	13	19.20	6.2
N829713		10.20	0.032	1.23	7.15	81.8	990	1.56	2.46	3.28	1.52	40.3	11.1	119	16.70	26.3
N829714		9.50	0.055	2.40	7.33	248	870	1.50	4.96	1.77	2.12	43.2	10.7	59	10.45	14.8
N829715		4.54	0.005	0.37	7.62	19.4	1360	1.55	2.53	3.32	0.20	39.4	17.2	168	8.33	31.2
N829716		12.30	0.007	0.41	7.52	17.9	1730	1.47	1.26	2.41	0.13	49.0	8.1	16	10.10	30.0
N829717		<0.02	0.005	0.36	7.64	17.6	1740	1.47	1.32	2.37	0.13	49.8	8.3	14	10.50	29.4
N829718		7.06	<0.005	0.21	7.44	11.6	1650	1.30	0.75	2.14	0.23	43.4	6.3	30	12.60	16.7
N829719		4.92	0.045	1.50	7.68	87.3	1640	1.44	1.99	2.40	7.23	53.8	12.9	49	11.35	49.4
N829720		12.72	0.019	1.04	7.25	59.1	1910	1.52	2.28	3.06	0.90	50.0	11.6	18	12.55	17.5
N829721		8.01	0.027	3.82	7.43	100.5	1780	1.51	5.37	2.39	0.99	50.4	7.8	18	10.25	177.5
N829722		10.30	<0.005	0.11	7.54	8.6	2900	1.61	0.24	2.72	0.20	52.8	8.7	12	11.45	11.9
N829723		0.26	0.747	10.30	6.81	1860	210	1.48	6.30	1.95	43.5	50.2	17.2	19	16.20	108.5
N829724		3.86	0.062	2.78	7.36	229	1630	1.72	3.41	2.95	2.70	60.9	7.5	10	11.75	283
N829725		3.44	<0.005	0.03	0.09	<5	30	0.06	0.13	22.4	0.09	1.44	0.6	<1	0.28	2.7
N829726		12.78	0.011	0.16	7.29	18.8	2120	1.66	0.34	2.90	0.16	43.2	6.6	10	17.25	12.8
N829727		5.55	0.009	0.19	7.13	33.4	1450	1.55	0.22	2.88	0.15	51.7	7.0	9	18.40	9.8
N829728		4.41	0.103	2.69	7.02	159.0	1150	1.38	2.62	2.93	0.34	53.9	7.3	10	20.1	378
N829729		11.47	0.012	0.32	7.07	21.0	2050	1.48	0.61	2.00	0.21	44.7	12.1	10	17.50	17.2
N829730		11.81	<0.005	0.12	7.58	7.4	1900	1.30	0.23	1.71	0.17	51.4	6.5	10	13.60	9.9
N829731		5.59	0.047	0.83	7.11	632	1560	1.40	1.17	1.77	0.51	49.4	6.7	9	17.20	100.0
N829732		4.67	0.217	1.67	6.33	632	760	1.37	3.07	1.98	1.29	48.7	9.7	12	17.75	85.0
N829733		5.49	0.005	0.14	6.12	13.3	1880	1.55	1.03	2.43	0.10	31.4	7.3	10	12.20	17.3
N829734		1.97	0.007	0.33	7.12	13.2	1750	1.58	0.98	2.29	0.11	46.5	7.1	11	15.85	18.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145814

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829703		3.73	16.10	0.06	1.2	0.109	2.64	20.8	87.0	0.79	638	3.77	0.37	7.8	4.4	690
N829704		3.10	16.45	0.06	1.2	0.090	2.71	22.0	36.7	0.73	628	1.94	0.86	7.5	2.6	610
N829705		4.54	17.40	0.09	1.2	0.162	2.58	27.5	42.7	0.99	865	4.12	0.18	8.0	2.5	650
N829706		7.05	14.20	0.06	1.1	1.595	2.70	22.4	25.4	0.93	1950	13.15	0.04	5.5	15.1	460
N829707		4.29	15.70	0.08	1.4	0.106	2.84	21.9	33.7	0.85	752	1.12	0.87	7.3	2.5	640
N829708		3.58	17.10	0.08	1.3	0.285	2.64	23.2	141.5	0.84	1290	0.85	0.07	7.5	2.8	660
N829709		5.23	17.20	0.09	1.5	0.539	2.07	24.9	206	0.83	4660	1.64	0.04	7.6	7.3	640
N829710		0.52	0.26	0.05	<0.1	0.014	0.03	0.7	2.0	13.25	230	0.14	<0.01	0.2	1.4	200
N829711		5.70	14.65	0.07	1.7	0.329	2.79	17.0	41.1	1.79	3340	2.46	0.05	5.8	35.2	600
N829712		2.80	17.75	0.11	2.8	0.042	2.76	35.3	126.0	1.15	981	1.78	0.07	10.8	6.7	940
N829713		4.82	15.70	0.08	1.8	0.214	2.95	19.0	25.5	1.47	1800	1.35	0.05	5.2	31.5	610
N829714		6.34	16.10	0.09	1.7	0.189	3.08	20.0	29.1	1.21	2090	0.54	0.04	5.0	19.3	650
N829715		4.97	16.70	0.07	1.7	0.302	2.35	17.3	48.5	2.09	1130	2.39	0.70	6.0	53.8	670
N829716		3.70	16.50	0.09	1.1	0.181	2.70	21.4	36.6	0.85	625	1.56	0.81	7.0	5.2	610
N829717		3.71	16.90	0.10	1.3	0.179	2.69	23.6	37.8	0.84	608	1.58	0.81	7.1	4.7	610
N829718		3.42	16.65	0.07	1.4	0.095	2.64	19.6	51.6	0.84	802	1.11	0.10	7.8	9.0	620
N829719		5.03	16.50	0.09	1.2	0.278	2.53	25.0	28.7	1.08	2740	1.26	0.06	7.2	14.8	610
N829720		3.67	15.30	0.07	1.4	0.166	3.05	22.9	32.4	0.95	1180	4.72	0.55	7.3	5.5	610
N829721		4.36	16.75	0.08	1.3	0.196	2.92	22.2	37.0	0.89	1060	1.88	1.16	7.3	4.8	620
N829722		3.20	17.30	0.07	1.4	0.049	2.81	21.6	15.3	0.86	641	2.33	2.24	8.1	3.4	670
N829723		5.50	15.45	0.08	1.6	0.878	2.91	23.0	26.0	0.71	2030	12.60	0.27	7.1	15.5	510
N829724		5.54	16.00	0.09	1.3	0.234	2.89	29.7	17.1	1.22	2630	1.12	0.84	7.0	2.3	590
N829725		0.51	0.24	0.07	<0.1	0.008	0.03	0.7	1.2	13.45	227	0.11	0.01	0.2	1.3	180
N829726		2.94	16.10	0.11	1.4	0.046	2.88	18.4	33.0	0.76	699	1.31	1.54	7.6	2.1	620
N829727		2.79	16.10	0.12	1.3	0.042	2.68	23.3	81.9	0.88	650	1.04	0.48	7.4	2.2	570
N829728		3.61	14.35	0.09	1.1	0.170	2.79	26.0	18.7	1.07	917	1.49	0.05	6.1	2.5	550
N829729		3.06	16.50	0.08	1.2	0.069	2.58	19.0	58.1	0.68	806	1.78	0.08	7.5	2.6	600
N829730		3.00	16.35	0.08	1.3	0.056	2.64	22.2	34.0	0.57	571	1.81	0.66	7.8	2.2	630
N829731		3.65	16.70	0.08	1.2	0.098	2.33	22.8	34.2	0.72	962	1.04	0.04	6.8	2.2	570
N829732		4.14	14.70	0.08	1.0	0.139	2.22	21.1	30.0	0.72	932	22.4	0.04	6.6	2.4	540
N829733		3.08	16.00	0.13	1.2	0.062	2.64	13.6	26.7	0.54	576	1.32	1.37	7.8	2.3	600
N829734		3.23	15.65	0.09	1.3	0.064	2.63	20.5	33.3	0.60	586	2.24	1.11	7.5	2.4	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145814

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829703		20.2	85.5	<0.002	0.72	6.82	9.8	<1	5.0	267	0.72	<0.05	13.4	0.280	1.72	4.7
N829704		358	97.4	<0.002	0.35	7.24	10.0	1	2.8	293	0.68	<0.05	14.3	0.260	1.43	4.2
N829705		33.0	104.5	<0.002	0.64	11.30	11.1	1	7.2	170.5	0.71	<0.05	15.6	0.269	1.70	5.7
N829706		2890	156.5	0.002	5.06	92.4	7.8	1	8.0	90.0	0.50	0.37	11.8	0.189	2.48	6.2
N829707		69.7	113.0	<0.002	1.20	9.71	9.9	1	3.1	244	0.69	0.12	14.3	0.261	1.68	4.9
N829708		33.8	96.7	<0.002	0.69	13.05	10.2	1	4.4	171.5	0.73	0.13	14.9	0.262	1.94	4.7
N829709		781	88.8	<0.002	2.37	35.8	9.9	1	5.6	160.0	0.68	0.15	13.4	0.254	1.85	7.1
N829710		3.8	1.7	0.002	0.02	0.22	0.3	<1	0.3	47.7	<0.05	<0.05	0.2	<0.005	0.06	0.8
N829711		111.5	169.5	<0.002	1.09	40.0	11.7	<1	4.0	148.5	0.53	<0.05	8.3	0.255	2.59	5.7
N829712		23.6	84.6	<0.002	0.06	8.46	5.9	<1	1.7	342	0.85	<0.05	11.2	0.268	1.75	7.3
N829713		83.9	185.0	<0.002	0.81	11.95	11.9	1	2.5	132.0	0.45	<0.05	9.4	0.235	2.46	5.1
N829714		108.5	226	<0.002	2.12	6.96	9.1	<1	3.2	99.1	0.47	<0.05	11.2	0.194	2.47	5.3
N829715		22.0	107.5	<0.002	0.40	8.22	14.9	<1	1.8	285	0.55	<0.05	8.1	0.281	1.82	3.7
N829716		22.4	95.7	<0.002	0.60	5.25	9.8	1	2.9	215	0.61	<0.05	13.2	0.248	1.47	3.8
N829717		22.2	109.0	<0.002	0.59	5.21	10.1	1	2.8	215	0.64	<0.05	15.2	0.250	1.51	4.4
N829718		15.3	89.1	<0.002	0.19	13.70	10.7	1	2.1	115.0	0.70	<0.05	13.7	0.269	1.61	3.7
N829719		281	124.0	<0.002	1.89	18.15	13.4	1	3.9	116.5	0.66	0.11	14.2	0.288	1.89	4.6
N829720		48.9	134.5	0.003	1.07	9.38	10.1	1	2.8	210	0.76	0.18	14.4	0.256	1.95	5.5
N829721		67.7	116.0	<0.002	0.78	5.28	10.2	1	4.0	252	0.63	0.07	13.8	0.257	1.73	4.6
N829722		23.8	96.2	<0.002	0.12	1.96	10.6	1	1.9	395	0.68	<0.05	13.2	0.275	1.11	4.3
N829723		1380	162.5	<0.002	3.22	34.2	8.8	1	6.2	154.5	0.64	0.32	12.9	0.218	2.63	5.8
N829724		110.0	152.0	<0.002	1.76	14.35	10.3	1	5.5	202	0.64	0.06	14.7	0.246	2.06	6.2
N829725		2.0	2.0	<0.002	0.01	0.12	0.3	<1	0.2	46.8	0.05	<0.05	<0.2	<0.005	0.02	0.5
N829726		16.0	103.0	<0.002	0.13	4.98	9.2	<1	2.0	320	0.73	<0.05	11.6	0.255	1.46	4.6
N829727		17.0	92.9	<0.002	0.15	13.10	10.0	1	1.9	202	0.76	<0.05	13.4	0.246	1.71	5.1
N829728		30.7	143.0	<0.002	1.16	51.6	9.7	<1	3.2	120.5	0.54	0.05	14.8	0.236	2.01	4.8
N829729		20.2	96.4	<0.002	0.29	15.50	10.3	1	2.2	116.5	0.66	<0.05	12.0	0.254	1.48	3.9
N829730		42.6	106.0	<0.002	0.06	12.60	9.8	1	1.8	190.5	0.70	<0.05	15.0	0.262	1.28	4.1
N829731		646	112.5	<0.002	0.64	34.5	9.9	<1	3.3	79.8	0.63	<0.05	13.7	0.235	1.64	3.6
N829732		267	89.7	<0.002	1.90	31.0	9.7	1	4.1	83.4	0.62	0.27	13.5	0.224	1.48	5.1
N829733		15.3	69.2	<0.002	0.47	8.62	8.4	1	2.1	264	0.67	0.39	10.0	0.255	1.32	3.6
N829734		15.9	98.2	<0.002	0.50	9.67	9.7	1	2.1	239	0.71	0.35	14.2	0.257	1.36	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145814

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829703		82	12.2	13.8	58	26.8
N829704		75	8.6	15.7	1100	28.5
N829705		77	5.1	16.8	91	29.1
N829706		60	5.3	9.6	5540	23.5
N829707		75	3.8	14.2	92	27.7
N829708		74	4.0	14.0	265	28.2
N829709		73	4.9	13.9	2130	35.8
N829710		3	0.1	0.9	27	0.6
N829711		97	6.7	10.2	258	48.6
N829712		56	1.9	13.7	93	85.2
N829713		95	3.4	11.5	218	48.0
N829714		77	6.1	7.7	239	44.8
N829715		117	2.3	12.4	125	48.9
N829716		74	2.6	14.4	57	25.9
N829717		74	2.7	15.0	55	28.5
N829718		80	3.7	14.3	61	29.3
N829719		95	5.3	15.9	629	25.1
N829720		74	3.3	15.0	108	28.2
N829721		75	5.7	14.1	127	27.3
N829722		79	2.8	16.6	49	30.8
N829723		59	5.3	12.1	3130	38.1
N829724		70	6.7	15.0	259	26.5
N829725		3	0.1	0.9	19	<0.5
N829726		72	3.0	14.5	44	30.3
N829727		71	3.7	16.1	38	27.6
N829728		70	8.7	13.9	72	24.4
N829729		76	7.4	14.4	48	26.4
N829730		72	3.6	15.4	44	27.6
N829731		68	5.2	13.5	80	24.4
N829732		68	4.4	12.8	137	23.2
N829733		75	1.8	11.7	40	27.4
N829734		72	1.9	14.2	41	27.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12145814

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145815

Project: Klaza-68

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

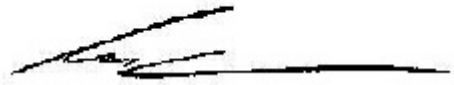
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145815

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829194		4.49	0.092	0.39	7.05	443	670	1.34	0.33	2.48	0.25	84.1	4.3	9	9.66	2.9
N829195		6.74	0.024	0.30	7.00	161.5	1150	1.54	0.25	3.25	0.81	64.7	3.5	9	6.88	2.2
N829196		5.19	0.019	0.18	6.88	77.4	940	1.54	0.22	4.32	0.39	91.8	3.4	8	7.33	1.4
N829197		4.44	0.008	0.14	7.00	46.0	870	1.61	0.26	3.41	0.11	80.5	2.9	8	7.97	3.1
N829198		2.15	0.015	0.14	7.05	45.2	900	1.55	0.29	3.56	0.14	84.4	3.2	8	7.99	3.8
N829199		4.67	0.008	0.09	6.76	11.8	1110	1.48	0.15	3.79	0.20	150.5	1.9	6	6.30	1.6
N829200		5.34	<0.005	0.12	6.65	9.2	1060	1.66	0.13	3.60	0.17	62.7	3.0	7	7.07	1.7
N829201		9.47	0.013	0.43	6.90	10.4	1100	1.49	0.42	3.20	6.03	74.7	3.1	9	8.54	7.9
N829202		4.51	0.179	1.43	7.12	260	1210	1.43	0.99	2.94	12.80	99.2	3.5	9	9.23	19.6
N829203		2.82	<0.005	0.05	0.08	<5	20	<0.05	0.03	21.7	0.09	1.37	0.6	<1	0.16	1.8
N829204		13.26	<0.005	0.25	7.45	10.9	1810	1.65	0.30	3.35	0.29	53.7	4.2	11	10.15	12.4
N829205		9.32	<0.005	0.13	7.48	7.8	2120	1.64	0.19	2.97	0.31	46.7	5.7	14	14.45	4.5
N829206		3.80	<0.005	0.10	7.53	7.2	2310	1.64	0.19	2.69	0.12	46.5	6.8	11	15.75	5.2
N829207		0.27	0.760	10.75	6.96	1530	410	1.52	6.55	2.02	42.3	44.8	18.0	20	16.70	108.5
N829208		3.64	0.560	4.10	7.21	112.5	720	1.69	3.24	1.64	69.4	49.8	6.6	8	19.65	103.5
N829209		9.24	<0.005	0.18	7.54	7.3	2260	1.57	0.18	3.00	0.22	48.0	6.7	10	11.10	3.5
N829210		10.48	<0.005	0.43	7.04	8.1	1560	1.52	0.46	2.76	3.92	52.4	4.9	9	9.12	11.1
N829211		<0.02	<0.005	0.63	7.32	7.9	1690	1.60	0.74	2.84	3.79	53.0	4.9	11	9.56	10.5
N829212		3.84	0.020	1.65	6.98	20.5	730	1.16	1.19	2.06	18.05	26.4	7.8	9	5.07	55.2
N829213		3.98	<0.005	0.52	7.17	9.2	860	1.39	0.36	2.89	6.70	47.7	6.7	7	6.63	4.9
N829214		4.52	<0.005	0.11	7.19	6.0	1750	1.73	0.15	3.10	0.16	53.6	4.1	9	7.87	3.0
N829215		3.67	0.050	1.22	7.12	29.0	1460	1.58	1.08	2.63	10.55	50.4	4.9	8	15.10	17.5
N829216		6.78	0.005	0.38	7.25	12.9	1200	1.78	0.30	2.97	2.23	52.5	5.4	9	11.40	5.5
N829217		3.70	1.555	25.2	6.53	309	280	1.41	35.2	0.49	198.0	34.9	14.8	6	6.27	420
N829218		3.16	<0.005	0.22	0.08	<5	30	0.07	0.06	20.9	0.27	1.40	0.7	<1	0.18	2.1
N829219		3.88	0.773	3.45	6.49	382	380	1.53	2.44	1.10	107.5	40.5	7.6	7	11.40	50.4
N829220		9.26	0.223	2.25	6.90	362	520	1.55	1.86	2.20	15.85	53.6	7.7	8	18.40	43.5
N829221		0.24	1.370	25.9	5.92	2710	1380	1.37	18.70	2.19	76.1	43.4	11.2	17	14.40	421
N829222		6.33	0.508	4.85	5.71	619	150	1.19	2.98	2.08	32.6	27.0	4.4	7	8.40	96.4
N829223		4.30	1.880	5.92	6.79	160.0	840	1.28	1.82	1.96	17.05	33.4	3.3	8	7.36	212
N829224		5.98	0.018	1.38	7.12	34.7	1120	1.64	1.35	2.36	8.90	37.8	3.3	9	5.94	76.8
N829225		6.03	0.032	0.51	7.04	14.1	780	1.69	0.36	3.12	0.21	51.0	4.2	8	8.66	16.2
N829226		4.06	0.051	1.30	7.20	36.7	860	1.79	1.30	2.73	2.94	55.8	4.5	9	15.30	38.6
N829227		3.81	0.262	4.44	6.68	96.1	330	1.97	4.85	1.62	34.4	82.0	28.8	7	28.5	98.1
N829228		4.78	<0.005	0.21	7.32	11.3	790	1.57	0.18	1.53	0.27	79.7	4.1	8	10.65	2.8
N829229		7.05	<0.005	0.18	8.13	13.1	990	1.55	0.35	1.34	0.55	140.5	6.2	8	15.75	8.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829194		2.77	16.65	0.14	0.9	0.119	2.73	54.4	56.5	1.00	1110	9.03	0.13	5.4	2.4	510
N829195		2.30	17.30	0.13	1.0	0.088	2.61	36.6	93.0	1.04	1220	5.13	0.16	6.0	2.8	570
N829196		2.10	18.55	0.15	1.0	0.110	2.28	54.8	63.1	0.94	1290	3.67	0.19	7.0	1.9	590
N829197		1.91	18.30	0.15	1.0	0.095	2.03	49.7	41.5	0.64	929	2.25	1.23	7.3	2.1	600
N829198		2.02	18.75	0.16	1.0	0.107	2.19	48.9	33.1	0.62	978	1.92	1.45	7.2	2.1	630
N829199		1.99	18.15	0.19	1.0	0.172	2.54	92.6	69.0	1.15	1220	0.32	0.22	6.7	1.7	560
N829200		2.02	19.55	0.16	0.9	0.158	2.46	35.2	59.9	0.99	1150	0.37	0.37	7.5	1.9	590
N829201		2.31	17.45	0.18	1.0	0.284	2.03	46.4	22.0	0.71	953	0.80	1.53	6.8	2.1	580
N829202		2.85	17.20	0.19	0.9	0.272	2.82	65.6	38.1	0.83	1420	0.48	0.74	5.9	2.5	580
N829203		0.47	0.23	0.16	<0.1	0.007	0.03	0.8	1.1	13.25	211	0.15	0.01	0.1	2.0	180
N829204		3.12	17.25	0.18	1.1	0.068	2.27	28.9	17.8	0.86	778	2.84	2.11	7.8	2.5	580
N829205		3.27	17.20	0.16	1.1	0.040	2.57	23.3	12.4	0.83	585	1.98	2.24	8.5	2.5	630
N829206		3.16	17.45	0.17	1.1	0.047	2.74	23.7	11.4	0.79	449	1.76	2.38	8.6	2.8	580
N829207		5.66	16.25	0.15	1.5	0.937	2.93	22.8	24.9	0.75	2040	13.80	0.28	8.2	15.5	510
N829208		5.19	16.50	0.13	0.9	1.600	2.91	28.6	18.6	0.75	2210	2.02	0.33	7.5	2.5	530
N829209		3.12	17.90	0.14	1.1	0.042	2.69	24.9	9.1	0.83	555	2.00	2.09	8.6	3.4	610
N829210		2.86	16.70	0.15	1.0	0.278	2.35	28.3	13.3	0.73	1020	1.13	1.61	7.5	2.5	590
N829211		3.04	17.75	0.15	1.0	0.289	2.45	28.0	13.6	0.76	994	1.29	1.72	8.1	2.9	610
N829212		3.09	17.75	0.13	0.8	0.795	2.88	10.0	24.3	0.99	1620	12.60	0.11	5.6	2.4	570
N829213		2.44	16.40	0.14	0.9	0.612	2.88	23.7	31.3	0.93	2160	6.34	0.15	5.9	2.4	600
N829214		2.72	17.50	0.15	1.1	0.041	2.25	29.1	9.4	0.67	605	2.10	2.11	7.9	2.4	570
N829215		3.62	16.85	0.14	1.0	0.301	2.65	27.6	16.6	0.71	1160	2.25	0.96	7.3	2.8	540
N829216		3.06	16.70	0.14	1.0	0.146	2.48	30.0	45.2	0.67	1280	1.80	0.77	7.7	2.6	550
N829217		6.65	15.95	0.14	0.8	3.80	3.05	17.7	7.8	0.48	1660	12.90	0.04	6.2	2.1	120
N829218		0.47	0.23	0.12	<0.1	0.007	0.03	0.7	1.2	12.75	202	0.25	0.01	0.2	2.1	180
N829219		4.66	15.25	0.17	0.9	2.52	3.05	23.2	9.8	0.56	2880	12.50	0.05	5.8	1.7	330
N829220		5.12	17.05	0.19	0.9	0.485	2.86	32.5	15.7	0.88	3640	3.65	0.05	7.1	2.7	530
N829221		6.52	14.75	0.17	1.2	1.670	2.55	25.3	23.4	0.90	1820	14.50	0.04	6.3	15.1	430
N829222		4.20	13.90	0.16	0.7	0.667	2.18	10.6	67.1	0.79	1850	6.92	0.04	5.7	2.1	410
N829223		3.70	15.20	0.13	0.9	0.452	2.67	15.9	53.1	0.74	1960	11.55	0.05	6.2	2.1	530
N829224		2.52	17.05	0.15	0.9	0.410	3.22	18.3	37.4	0.71	1460	6.16	0.06	6.7	1.8	430
N829225		2.72	16.00	0.16	1.0	0.133	1.82	27.7	27.1	0.62	741	3.15	0.31	7.2	2.8	530
N829226		2.76	18.15	0.17	1.0	0.201	1.90	32.4	76.8	0.82	933	3.74	0.05	8.0	2.4	500
N829227		4.11	15.80	0.18	1.1	0.933	2.58	53.5	25.0	0.48	933	20.3	0.04	5.7	3.0	270
N829228		2.35	17.35	0.16	1.1	0.084	1.89	49.3	86.9	0.57	998	5.69	0.05	7.2	2.4	610
N829229		2.27	19.05	0.09	1.2	0.096	2.24	76.3	38.4	0.55	865	45.3	0.09	7.5	3.4	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829194		19.4	155.0	0.006	1.79	11.60	9.2	1	2.8	72.4	0.46	0.06	12.4	0.176	2.96	3.1
N829195		22.5	118.0	0.003	0.82	5.74	9.9	1	2.5	115.5	0.47	<0.05	11.1	0.190	2.63	3.3
N829196		17.0	92.5	0.002	0.41	8.35	10.2	1	2.8	137.5	0.50	<0.05	9.4	0.216	2.32	4.7
N829197		14.2	94.7	0.004	0.35	4.67	10.7	1	2.6	191.5	0.53	<0.05	9.1	0.230	2.07	4.0
N829198		14.1	96.5	0.003	0.39	4.29	10.7	1	2.6	189.0	0.57	<0.05	8.3	0.237	2.18	3.7
N829199		10.4	102.5	0.002	0.20	8.19	9.8	1	3.0	119.5	0.51	<0.05	9.2	0.220	2.62	2.4
N829200		13.5	110.0	0.002	0.27	7.13	10.1	1	2.6	130.5	0.49	<0.05	8.2	0.220	2.39	3.3
N829201		150.0	101.5	0.002	0.40	3.72	10.6	1	2.4	229	0.53	0.05	10.4	0.213	1.84	3.4
N829202		388	163.0	0.003	1.06	10.05	10.8	1	3.4	114.0	0.48	0.05	12.2	0.194	2.67	3.9
N829203		2.2	1.5	<0.002	0.02	0.10	0.2	<1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829204		53.1	101.0	0.003	0.18	5.56	10.9	1	2.1	339	0.60	<0.05	11.0	0.235	1.48	4.0
N829205		31.0	89.3	0.003	0.05	2.05	11.1	2	2.0	357	0.62	<0.05	10.9	0.269	1.08	3.3
N829206		17.8	103.0	<0.002	0.04	2.38	11.1	1	2.1	377	0.66	<0.05	11.6	0.263	1.14	3.0
N829207		1395	161.5	0.004	3.18	34.9	9.8	1	6.3	148.5	0.65	0.35	11.6	0.217	2.51	5.2
N829208		224	167.0	0.004	1.81	16.35	11.0	1	6.6	89.4	0.56	<0.05	12.9	0.233	2.62	5.4
N829209		19.0	101.0	0.003	0.12	2.53	12.0	1	2.0	361	0.64	<0.05	11.0	0.262	1.32	3.4
N829210		44.2	97.8	0.003	0.14	2.81	10.9	1	2.1	279	0.57	<0.05	10.8	0.229	1.48	3.7
N829211		50.3	98.1	0.003	0.14	3.06	11.3	1	2.1	298	0.64	<0.05	11.2	0.245	1.52	3.7
N829212		360	180.0	0.006	0.42	5.21	9.7	<1	3.5	69.9	0.44	<0.05	12.8	0.174	2.36	4.3
N829213		202	153.5	0.002	0.32	3.17	10.0	1	2.7	95.2	0.48	<0.05	13.2	0.180	2.74	4.8
N829214		14.2	97.6	0.003	0.12	2.44	10.7	1	1.7	335	0.63	<0.05	10.7	0.227	1.34	3.6
N829215		452	141.0	0.003	0.56	4.90	10.6	1	2.6	184.5	0.59	<0.05	12.4	0.213	2.10	4.5
N829216		124.5	125.5	0.003	0.30	4.78	10.6	1	3.0	184.5	0.59	0.05	11.8	0.230	2.02	5.3
N829217		944	210	0.004	4.97	30.5	5.1	1	9.3	25.8	0.45	0.28	8.8	0.166	2.74	5.0
N829218		2.6	1.8	<0.002	0.02	0.13	0.3	1	0.2	45.2	<0.05	<0.05	0.2	<0.005	<0.02	0.7
N829219		422	210	0.003	2.49	15.35	7.6	1	6.6	22.3	0.45	0.13	11.2	0.147	2.67	4.4
N829220		361	186.0	0.003	1.98	15.00	11.2	1	5.7	65.4	0.52	0.06	12.5	0.206	2.84	4.9
N829221		2700	156.0	0.002	4.69	89.8	8.6	1	8.1	89.3	0.47	0.41	10.6	0.175	2.39	5.3
N829222		755	145.0	0.005	2.35	43.9	8.7	1	3.7	150.0	0.38	0.09	7.8	0.160	2.20	4.5
N829223		363	162.0	0.006	1.49	64.0	11.7	1	3.1	95.9	0.50	0.05	12.1	0.186	2.51	4.1
N829224		150.5	187.0	0.006	0.40	11.75	9.0	<1	4.7	71.0	0.51	0.07	12.0	0.192	2.70	4.4
N829225		14.7	90.1	0.006	0.15	6.67	10.2	1	3.7	106.0	0.59	0.06	12.5	0.219	1.59	4.3
N829226		128.5	91.7	0.003	0.61	17.15	10.0	1	3.8	171.0	0.61	0.12	12.4	0.217	1.75	3.8
N829227		590	165.5	0.014	2.50	28.4	6.7	1	5.7	59.0	0.52	0.54	17.8	0.138	2.19	5.2
N829228		18.3	112.5	0.002	0.21	20.1	11.4	1	2.7	90.5	0.57	<0.05	12.2	0.224	1.75	4.2
N829229		19.5	144.0	0.024	0.23	21.0	12.0	1	2.9	59.2	0.67	<0.05	15.4	0.270	2.39	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
N829194		62	1.3	8.6	68	24.0	
N829195		77	1.5	10.6	104	27.0	
N829196		74	1.4	13.2	93	26.7	
N829197		74	1.5	12.5	59	27.6	
N829198		77	1.6	11.5	63	28.1	
N829199		77	1.8	13.1	60	26.7	
N829200		69	2.3	12.9	65	26.9	
N829201		66	2.0	12.5	437	27.6	
N829202		62	3.6	12.2	950	23.9	
N829203		3	0.1	0.8	20	<0.5	
N829204		72	2.2	14.6	69	29.3	
N829205		72	2.9	16.7	60	29.1	
N829206		70	2.2	16.1	40	28.9	
N829207		59	5.6	11.7	3110	40.7	
N829208		65	5.3	12.1	5700	25.1	
N829209		74	2.2	16.4	62	28.6	
N829210		67	1.9	14.5	352	25.0	
N829211		72	1.8	15.5	338	27.0	
N829212		86	4.6	8.7	1380	21.3	
N829213		58	2.2	15.5	489	23.1	
N829214		67	1.0	15.1	45	29.8	
N829215		62	2.8	13.4	764	26.6	
N829216		68	2.8	14.3	197	26.1	
N829217		47	7.9	8.5	>10000	20.5	1.350
N829218		2	0.1	0.9	27	<0.5	
N829219		44	5.7	8.5	7390	22.0	
N829220		66	4.6	12.3	1140	24.8	
N829221		55	5.5	9.8	5140	26.7	
N829222		49	3.9	10.1	2200	20.3	
N829223		66	3.6	10.6	1280	22.2	
N829224		58	5.1	9.6	718	24.8	
N829225		66	1.8	15.0	71	25.5	
N829226		71	6.2	14.3	241	28.9	
N829227		48	6.4	11.4	2590	31.1	
N829228		75	2.9	14.6	51	29.4	
N829229		87	2.2	19.5	70	26.7	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145815

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145816

Project: Klaza-68

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145816

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N829230		3.71	0.038		0.71	7.58	102.0	2290	1.30	0.30	1.57	8.18	48.6	5.0	9	15.70
N829231		7.63	0.005		0.15	7.56	21.3	1900	1.57	0.21	2.60	0.15	46.9	6.2	9	20.5
N829232		4.25	0.254		11.70	6.46	542	210	1.42	13.75	2.18	55.2	42.6	5.7	8	12.50
N829233		2.97	<0.005		0.02	0.08	<5	20	0.05	0.03	21.8	0.07	1.21	1.5	1	0.19
N829234		7.38	0.012		0.42	7.39	19.0	1620	1.55	0.74	3.45	2.53	52.7	9.9	9	11.50
N829235		5.54	0.010		0.26	7.47	12.7	2250	1.31	0.48	2.37	2.25	38.1	6.2	9	12.35
N829236		3.92	0.028		0.79	6.90	90.0	1520	1.48	1.11	2.59	6.10	48.6	6.5	11	13.40
N829237		1.89	0.019		0.46	6.48	75.7	1390	1.43	0.64	2.40	3.51	38.6	6.1	8	12.55
N829238		8.76	0.025		0.65	7.45	17.2	2310	1.62	0.75	2.88	11.80	41.8	4.7	11	13.80
N829239		8.10	0.010		0.08	7.83	11.5	2500	1.63	0.19	2.80	0.14	46.6	5.5	11	14.95
N829240		3.81	0.014		0.13	7.61	42.0	1480	1.56	0.14	2.93	0.21	43.7	6.9	9	25.4
N829241		0.31	2.33		26.1	6.15	3530	1110	1.41	21.1	2.27	74.4	39.9	12.1	19	14.00
N829242		3.83	0.239		1.40	7.30	101.5	1980	1.86	0.73	3.17	18.15	54.0	6.5	9	20.7
N829243		3.47	<0.005		0.01	8.10	25.8	1510	2.19	0.15	1.82	0.19	72.5	8.6	23	21.8
N829244		4.02	>10.0	28.8	47.5	6.37	812	160	1.43	55.6	2.28	21.4	43.4	5.7	7	13.45
N829245		3.29	0.009		0.09	0.09	<5	20	0.08	0.13	22.0	0.09	1.26	1.7	1	0.39
N829246		5.58	0.026		0.46	6.92	11.3	880	1.43	0.45	3.78	0.29	44.8	3.7	9	10.45
N829247		3.61	0.159		1.97	7.20	103.0	1020	1.35	2.57	1.93	30.7	28.8	3.0	9	9.12
N829248		5.05	0.008		0.25	7.51	8.9	940	1.67	0.53	3.43	0.15	56.7	4.3	9	12.40
N829249		6.27	0.017		0.56	7.28	15.7	840	1.74	1.04	3.21	0.24	53.9	6.3	9	7.96
N829250		8.73	0.005		0.31	7.20	10.4	1400	1.56	0.39	2.76	2.96	45.3	4.7	11	10.75
N829251		3.73	0.007		0.15	7.30	16.5	900	1.56	0.30	2.02	0.24	48.3	4.8	9	15.30
N829252		0.32	3.72		>100	5.76	8580	500	1.19	64.5	2.04	235	30.6	10.8	19	10.55
N829253		3.95	0.788		25.4	6.63	255	710	1.70	15.00	1.52	106.0	52.8	4.3	9	10.65
N829254		3.53	<0.005		0.22	7.34	7.6	1120	1.76	0.18	3.21	1.30	63.7	2.7	12	8.97
N829255		7.35	0.005		0.05	7.96	5.5	2310	1.76	0.18	2.91	0.20	50.6	6.7	16	12.50
N829256		<0.02	<0.005		0.04	7.89	4.8	2240	1.68	0.18	2.87	0.12	47.8	6.5	12	12.05
N829257		8.55	<0.005		0.10	8.01	8.6	1690	1.52	0.16	2.82	0.11	50.3	4.7	15	12.55
N829258		4.67	0.014		0.20	7.56	30.8	2230	1.67	0.17	2.27	0.14	52.3	4.2	10	21.0
N829259		8.33	<0.005		0.07	8.10	10.7	1840	1.44	0.23	1.88	0.12	50.2	6.3	10	13.05
N829260		11.11	<0.005		0.13	7.10	11.4	1260	1.58	0.15	3.00	0.22	40.8	2.6	10	8.49
N829261		3.56	0.231		36.0	7.15	326	350	1.77	23.9	1.45	55.0	51.6	4.8	7	14.50
N829262		4.21	0.012		0.79	7.32	26.3	2240	1.67	0.23	2.27	6.24	43.8	4.5	9	16.20
N829263		8.01	0.006		0.19	7.10	13.2	2170	1.56	0.32	2.31	0.47	53.7	3.5	9	9.73
N829264		3.82	0.292		3.21	7.33	291	280	1.60	3.99	1.50	5.20	49.3	3.4	9	7.36
N829265		4.81	<0.005		0.21	7.35	19.7	1280	1.86	0.43	1.86	3.32	56.1	4.0	9	10.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145816

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N829230		22.2	3.86	16.20	0.08	1.1	0.085	2.37	23.1	45.6	0.64	1730	6.54	0.06	7.0	2.0
N829231		7.1	3.13	16.40	0.09	1.1	0.061	2.52	20.9	59.6	0.75	723	2.84	0.72	7.6	2.1
N829232		64.4	6.07	15.55	0.09	1.0	0.735	2.92	17.9	29.3	0.59	1100	8.13	0.07	5.9	1.9
N829233		1.6	0.47	0.46	0.12	<0.1	<0.005	0.03	0.6	1.2	13.00	207	0.19	<0.01	0.3	1.3
N829234		19.9	3.27	18.05	0.16	1.0	0.144	2.57	26.4	26.0	0.74	772	5.47	0.72	8.0	2.2
N829235		10.7	3.89	18.35	0.15	1.0	0.089	2.86	18.6	28.8	0.71	541	7.48	0.61	8.4	2.4
N829236		14.5	3.62	17.75	0.15	1.0	0.215	2.56	24.8	27.6	0.65	1020	3.43	0.07	7.8	2.6
N829237		9.2	3.47	17.85	0.16	1.0	0.150	2.64	19.5	27.9	0.61	1010	4.35	0.08	7.6	2.6
N829238		16.0	3.05	18.35	0.14	0.9	0.520	2.87	20.4	25.7	0.79	697	6.56	1.33	7.4	2.3
N829239		1.9	3.16	18.40	0.15	1.0	0.040	2.92	23.0	29.2	0.80	539	4.18	1.92	8.7	2.4
N829240		3.3	3.04	17.75	0.15	1.0	0.041	2.94	20.6	98.7	0.99	843	1.97	0.06	8.7	2.5
N829241		445	6.97	16.25	0.17	0.9	1.660	2.66	20.6	26.2	0.93	1920	13.75	0.04	6.6	15.4
N829242		17.3	3.47	17.60	0.14	0.9	0.454	3.27	27.6	13.5	1.11	1930	4.85	0.05	7.6	2.6
N829243		5.6	3.12	21.7	0.17	4.5	0.035	2.54	34.7	165.0	0.94	799	1.05	0.05	12.8	8.5
N829244		1065	6.15	15.65	0.17	1.0	1.080	2.84	22.0	14.2	0.56	1760	11.40	0.05	6.4	2.8
N829245		3.1	0.52	0.58	0.08	<0.1	0.005	0.04	0.6	1.5	13.15	222	0.20	<0.01	0.5	1.3
N829246		1.5	1.54	18.00	0.15	1.1	0.054	3.07	20.8	46.1	0.72	1040	0.92	0.12	7.5	1.6
N829247		19.5	3.66	17.65	0.16	0.9	0.937	3.23	12.2	9.9	0.80	2580	3.31	0.08	6.9	1.6
N829248		1.3	2.83	18.10	0.16	1.1	0.048	1.78	27.5	44.4	0.72	634	1.23	1.16	8.3	2.0
N829249		0.3	2.41	18.60	0.14	1.1	0.057	1.94	26.2	68.8	0.81	735	0.75	0.31	7.3	1.9
N829250		3.4	2.58	18.00	0.14	1.1	0.109	2.00	21.7	72.4	0.57	794	2.46	0.27	8.3	2.1
N829251		0.4	2.26	17.75	0.15	1.2	0.045	2.47	23.2	116.5	0.69	1340	3.28	0.07	7.8	1.9
N829252		1305	8.44	14.80	0.20	1.0	4.50	2.37	15.0	35.3	0.65	3210	16.20	0.08	6.3	13.7
N829253		197.0	5.51	17.85	0.18	0.9	1.415	2.91	28.0	20.0	0.57	2480	11.35	0.06	5.6	2.3
N829254		0.2	1.96	18.15	0.16	0.9	0.090	3.31	32.3	32.9	0.94	1380	7.66	0.26	6.1	2.4
N829255		1.7	3.18	18.95	0.16	1.1	0.041	2.60	24.7	13.4	0.87	520	2.04	2.54	9.2	2.7
N829256		1.6	3.12	18.55	0.16	1.1	0.038	2.50	23.2	13.3	0.86	513	2.00	2.49	8.7	2.6
N829257		3.0	2.93	19.00	0.15	1.2	0.035	2.28	24.7	38.2	0.76	512	2.55	1.77	8.6	2.5
N829258		0.9	2.83	17.25	0.16	1.0	0.028	2.61	28.3	113.0	0.79	721	3.12	0.05	7.5	2.7
N829259		2.8	3.19	20.4	0.16	1.2	0.043	2.55	24.8	51.2	0.54	435	1.31	0.28	9.6	2.7
N829260		1.6	2.05	16.40	0.16	1.0	0.035	1.95	17.6	33.1	0.71	634	3.07	1.12	6.8	2.2
N829261		94.5	5.53	18.70	0.15	0.8	0.431	2.93	26.6	22.0	0.71	2170	2.55	0.06	6.0	2.7
N829262		3.3	2.73	18.40	0.13	1.0	0.049	2.67	20.8	94.6	0.64	877	2.80	0.09	7.9	2.3
N829263		<0.2	2.25	18.70	0.14	0.9	0.064	2.75	25.6	224	0.77	978	3.01	0.09	6.0	2.4
N829264		40.7	5.58	18.95	0.17	0.8	0.432	3.46	23.9	28.8	0.74	1960	2.94	0.05	6.0	2.3
N829265		3.5	2.82	18.10	0.15	1.0	0.265	2.61	28.0	223	0.65	1840	0.77	0.05	7.2	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145816

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N829230		620	198.5	113.0	<0.002	0.49	22.6	10.3	<1	4.1	72.5	0.61	<0.05	13.0	0.256	1.93
N829231		650	14.9	99.1	<0.002	0.18	8.76	10.4	1	2.8	213	0.61	<0.05	11.7	0.274	1.76
N829232		510	2150	159.0	<0.002	4.26	16.50	9.3	1	6.3	84.8	0.54	0.30	10.8	0.226	2.65
N829233		180	1.8	1.5	<0.002	0.01	0.07	0.4	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02
N829234		650	75.1	109.0	<0.002	0.48	9.01	11.9	1	2.7	175.5	0.59	0.07	11.1	0.247	1.81
N829235		640	41.5	82.6	<0.002	0.11	8.32	11.7	1	2.3	159.0	0.65	<0.05	10.2	0.262	1.47
N829236		590	105.5	101.5	<0.002	0.48	23.1	11.1	1	2.4	90.5	0.58	<0.05	9.8	0.242	1.89
N829237		580	63.2	83.1	<0.002	0.40	19.65	10.4	<1	2.2	83.8	0.61	<0.05	9.2	0.239	1.93
N829238		610	58.5	117.5	<0.002	0.29	4.87	11.5	1	2.3	249	0.54	<0.05	10.1	0.236	1.78
N829239		650	16.8	101.5	<0.002	0.11	3.64	11.8	1	2.2	340	0.64	<0.05	10.9	0.274	1.52
N829240		670	13.2	99.0	<0.002	0.31	7.53	11.9	1	2.2	145.5	0.62	<0.05	11.0	0.268	2.29
N829241		460	2890	153.5	0.002	5.01	84.4	9.1	1	7.7	91.8	0.46	0.32	10.6	0.184	2.46
N829242		600	332	163.5	<0.002	1.28	7.41	12.1	1	3.4	95.1	0.55	<0.05	13.0	0.241	3.05
N829243		1580	13.4	74.7	<0.002	0.04	16.60	7.2	1	1.5	467	0.79	<0.05	9.0	0.389	1.62
N829244		480	365	155.5	<0.002	5.23	239	9.6	1	4.7	71.4	0.51	0.26	10.6	0.195	3.21
N829245		230	1.9	2.9	<0.002	0.02	0.47	0.4	<1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.02
N829246		600	22.4	125.5	<0.002	0.31	6.73	10.7	1	2.4	110.0	0.61	0.20	11.3	0.225	2.96
N829247		540	218	205	<0.002	1.14	10.80	10.1	1	3.8	51.5	0.53	0.05	12.0	0.205	3.26
N829248		610	13.3	80.2	<0.002	0.41	5.36	11.1	1	2.6	207	0.65	0.23	12.0	0.237	1.57
N829249		620	13.8	84.4	<0.002	0.88	8.43	11.8	1	2.4	126.5	0.63	0.46	12.0	0.207	1.84
N829250		620	140.5	71.8	<0.002	0.17	10.90	10.9	1	2.3	129.5	0.65	0.06	10.1	0.236	1.52
N829251		580	23.2	118.5	<0.002	0.32	19.40	11.1	1	2.3	93.6	0.68	0.09	12.2	0.229	2.34
N829252		470	9880	132.0	<0.002	7.58	231	8.6	2	8.4	126.5	0.43	0.44	9.0	0.188	2.42
N829253		480	8080	170.0	<0.002	4.34	37.6	10.6	1	9.9	44.4	0.45	0.11	11.2	0.171	3.07
N829254		620	67.5	164.0	0.002	0.21	7.04	12.1	1	2.2	93.7	0.48	<0.05	11.4	0.201	3.26
N829255		660	24.6	95.1	<0.002	0.05	2.08	13.5	1	2.0	425	0.67	<0.05	11.7	0.271	1.15
N829256		640	17.6	95.1	<0.002	0.05	1.92	13.1	1	1.8	416	0.66	<0.05	12.1	0.264	1.15
N829257		650	15.9	84.6	<0.002	0.07	9.55	12.3	1	2.0	295	0.68	<0.05	12.2	0.264	1.14
N829258		580	15.1	105.5	0.002	0.29	24.5	11.0	1	1.7	106.5	0.60	<0.05	12.3	0.234	1.89
N829259		670	17.1	91.2	<0.002	0.10	20.4	13.4	1	2.0	127.0	0.73	<0.05	12.2	0.282	1.32
N829260		570	12.9	96.2	<0.002	0.17	6.75	9.5	1	1.9	198.0	0.54	0.07	9.6	0.216	1.59
N829261		530	>10000	170.0	0.002	3.11	28.5	11.7	1	12.0	57.4	0.43	0.23	12.1	0.185	3.04
N829262		610	168.0	102.0	<0.002	0.29	22.7	11.8	1	2.5	122.0	0.64	<0.05	11.7	0.234	1.97
N829263		600	33.9	110.0	<0.002	0.34	12.80	11.5	1	1.9	87.3	0.45	0.06	10.8	0.189	2.50
N829264		560	142.0	186.0	0.002	3.24	15.90	11.9	1	4.5	37.4	0.42	0.13	12.0	0.184	3.10
N829265		630	57.4	116.5	<0.002	0.52	12.35	11.8	1	2.3	124.5	0.54	<0.05	10.5	0.228	2.34

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145816

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
N829230		3.8	73	6.0	14.0	719	24.7			
N829231		4.2	77	2.6	15.2	46	26.2			
N829232		8.3	65	6.6	11.4	3610	22.2			
N829233		0.7	3	0.1	0.8	19	<0.5			
N829234		6.8	73	2.1	16.3	218	30.3			
N829235		6.9	78	3.2	13.8	209	27.5			
N829236		6.0	73	4.2	13.6	461	27.8			
N829237		5.8	73	4.0	11.9	290	29.2			
N829238		4.2	73	2.2	13.4	787	26.9			
N829239		4.0	80	2.9	16.3	49	28.9			
N829240		4.1	79	4.8	14.4	57	29.1			
N829241		5.4	57	5.0	10.3	5440	27.7			
N829242		6.6	73	4.6	14.2	1280	28.1			
N829243		4.3	71	1.8	11.5	93	182.5			
N829244		5.9	61	4.0	9.9	1660	29.3			
N829245		0.6	4	0.1	0.9	21	<0.5			
N829246		6.2	68	1.1	12.0	49	29.7			
N829247		4.5	60	1.8	10.4	2290	25.4			
N829248		6.8	74	1.5	15.2	49	31.8			
N829249		7.2	76	1.6	13.5	56	29.4			
N829250		3.8	70	3.2	13.4	254	31.1			
N829251		5.8	67	2.5	13.2	47	32.2			
N829252		5.6	55	4.5	10.0	>10000	35.1	118		1.570
N829253		6.0	58	3.3	12.4	7670	24.1			
N829254		5.2	69	1.5	15.0	125	23.5			
N829255		4.1	78	2.1	17.8	48	32.8			
N829256		4.3	74	2.2	17.2	41	30.9			
N829257		3.9	78	2.0	16.7	54	33.5			
N829258		3.9	67	3.2	15.6	58	27.1			
N829259		3.7	81	4.7	16.0	46	34.9			
N829260		4.4	68	1.4	11.9	54	25.3			
N829261		5.4	64	4.5	12.5	5210	23.6		1.060	
N829262		4.0	70	2.7	13.5	328	29.0			
N829263		5.3	73	1.8	12.2	79	24.5			
N829264		4.7	69	3.0	10.1	502	24.1			
N829265		4.5	75	2.9	13.0	310	26.6			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-68

Finalized Date: 13-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12145816

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145817

Project: Klaza-68

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

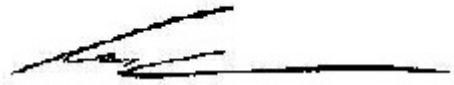
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145817

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829266		4.06	1.340	21.1	4.15	4140	4240	0.86	43.4	0.83	9.91	10.75	6.3	12	4.42	109.5
N829267		2.90	<0.005	0.04	0.08	<5	70	0.10	0.11	22.0	0.08	1.34	1.8	1	0.20	1.8
N829268		3.76	0.095	2.25	7.17	172.5	550	1.52	3.25	1.15	6.86	70.7	3.2	9	8.02	35.2
N829269		4.48	0.024	0.28	6.68	34.3	3780	1.22	0.58	2.39	0.41	59.1	4.8	8	11.70	4.0
N829270		7.51	0.005	0.12	7.02	17.3	1870	1.17	0.18	2.34	0.16	50.3	3.3	9	14.25	1.9
N829271		11.20	<0.005	0.11	7.64	11.1	2560	1.20	0.19	1.76	0.18	48.4	4.3	9	14.90	1.7
N829272		<0.02	<0.005	0.13	7.92	11.7	2700	1.23	0.22	1.83	0.16	52.9	4.6	10	15.30	1.7
N829273		6.84	<0.005	0.14	7.28	15.0	2320	1.25	0.20	1.60	0.30	50.4	4.2	8	13.65	6.6
N829274		7.70	0.033	0.31	7.30	7.8	1740	1.06	0.62	1.62	1.67	55.9	3.7	12	8.85	2.9
N829275		5.09	0.011	0.61	7.70	14.1	1840	1.32	1.07	1.64	1.23	61.7	5.7	8	9.81	5.3
N829276		2.62	0.009	0.81	7.24	10.5	1720	1.07	1.40	1.59	1.89	60.2	5.2	8	8.53	5.5
N829277		3.63	0.166	5.69	7.33	110.5	540	1.35	12.20	1.28	2.77	51.7	6.2	9	11.55	53.9
N829278		3.49	0.031	1.51	7.42	106.5	790	1.42	2.25	1.73	8.49	57.1	6.2	8	12.35	36.8
N829279		6.14	0.007	0.46	7.20	18.0	1620	1.33	0.68	1.52	4.44	48.8	5.6	9	14.00	13.6
N829280		3.21	0.032	1.22	7.06	47.0	1410	1.32	2.07	1.48	6.65	48.0	6.5	8	20.2	36.8
N829281		6.33	<0.005	0.19	7.38	17.3	2620	1.41	0.21	1.97	0.25	50.6	6.7	9	17.70	12.6
N829282		4.25	<0.005	0.22	7.55	28.2	920	2.03	0.20	1.84	0.24	49.2	8.7	8	17.90	5.2
N829283		0.29	2.33	26.2	6.23	2900	1320	1.26	19.85	2.28	77.2	46.5	11.7	19	14.95	446
N829284		3.48	0.137	2.01	6.23	207	520	1.17	2.75	2.19	12.10	42.9	4.5	7	18.70	27.3
N829285		0.22	4.61	>100	5.18	6290	240	1.10	56.5	1.87	213	31.9	9.4	17	10.90	1200
N829286		9.96	1.110	76.6	2.54	1210	30	0.64	106.5	1.62	97.6	5.48	5.8	9	8.77	2790
N829287		3.84	1.205	>100	4.84	1195	320	0.65	336	0.20	5.64	12.20	5.9	13	4.31	5830
N829288		4.12	<0.005	0.33	0.11	<5	40	0.07	0.57	21.4	0.10	1.49	0.9	1	0.21	12.4
N829289		6.01	0.037	1.08	7.23	73.8	950	1.28	1.46	1.92	5.60	60.5	2.2	9	10.10	24.0
N829290		3.64	0.080	1.85	7.16	120.0	850	1.39	3.21	1.57	3.23	66.7	2.6	11	10.10	27.3
N829291		7.56	0.011	0.45	7.32	9.0	1080	1.44	0.69	2.50	2.20	76.4	4.2	9	10.95	5.2
N829292		6.49	0.029	1.21	7.37	60.7	940	1.47	1.55	0.71	5.24	65.9	3.6	10	12.35	22.5
N829293		3.97	0.232	3.12	6.65	284	1190	1.28	3.21	2.25	9.09	52.6	3.7	10	10.65	30.1
N829294		3.76	<0.005	0.02	0.09	<5	30	0.06	0.03	21.0	0.07	1.62	1.0	1	0.19	2.5
N829295		9.52	0.016	0.17	7.98	15.6	2140	1.33	0.26	1.41	0.36	67.7	4.5	10	11.40	3.9
N829296		3.90	0.069	1.10	7.35	186.0	2510	1.56	1.08	1.67	14.90	58.7	4.8	8	18.60	21.7
N829297		10.53	0.009	0.16	7.31	24.2	2000	1.27	0.27	1.96	0.79	50.8	5.3	9	11.85	4.3
N829298		7.66	<0.005	0.13	7.37	8.5	2270	1.36	0.15	1.94	0.17	49.9	4.8	9	14.60	5.0
N829299		5.23	0.007	0.80	7.83	18.1	1450	1.57	0.81	1.55	6.22	50.5	5.5	8	13.85	13.3
N829300		4.11	0.451	1.83	6.91	259	450	1.25	2.56	1.43	4.47	55.7	4.0	10	9.43	17.6
N829301		6.41	0.023	0.59	7.34	42.3	1070	1.43	0.58	2.27	2.93	57.5	3.9	8	10.95	9.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145817

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829266		9.52	13.45	0.19	0.4	0.312	1.98	3.8	20.9	0.25	323	20.5	0.03	3.7	3.1	280
N829267		0.50	0.44	0.07	<0.1	<0.005	0.03	0.6	1.4	13.15	230	0.16	<0.01	0.4	1.4	180
N829268		4.64	19.25	0.18	0.7	0.336	3.48	37.2	14.9	0.63	1560	6.51	0.04	5.8	2.3	560
N829269		2.77	15.50	0.13	0.7	0.059	3.05	32.8	22.7	0.85	1160	13.90	0.06	5.2	3.1	500
N829270		2.48	16.50	0.14	0.9	0.030	2.90	25.0	46.2	0.78	846	1.49	0.06	8.0	2.6	560
N829271		2.86	17.80	0.15	0.9	0.034	2.82	25.4	97.9	0.57	527	1.67	0.33	8.1	2.5	620
N829272		2.97	17.85	0.16	1.0	0.037	2.94	27.4	100.5	0.59	550	1.57	0.34	8.2	2.7	630
N829273		2.71	16.40	0.15	0.9	0.037	2.41	26.0	108.0	0.57	713	2.08	0.08	7.6	2.6	580
N829274		2.57	17.40	0.15	0.9	0.085	2.47	28.2	27.0	0.71	890	1.66	0.05	6.8	2.4	590
N829275		3.18	17.80	0.17	0.9	0.164	2.31	32.1	40.8	0.67	1160	1.26	0.06	6.8	2.7	630
N829276		2.85	16.65	0.17	0.9	0.179	2.16	31.1	42.1	0.64	1030	1.32	0.06	6.3	2.6	600
N829277		6.08	16.75	0.18	0.9	0.264	2.70	28.4	62.1	0.75	1610	4.15	0.04	6.9	2.9	580
N829278		4.14	16.85	0.16	0.9	0.317	2.19	31.6	130.5	0.73	1180	3.28	0.04	7.0	2.7	600
N829279		3.15	16.10	0.15	0.9	0.173	2.01	25.7	144.0	0.68	1260	1.09	0.04	7.2	2.4	590
N829280		3.48	15.80	0.16	0.9	0.201	2.25	25.7	68.7	0.69	931	1.61	0.05	7.0	3.8	550
N829281		2.64	17.00	0.17	0.9	0.061	2.31	25.4	117.0	0.71	786	1.95	0.06	7.7	3.1	580
N829282		2.68	17.60	0.16	0.9	0.049	1.74	24.6	412	0.56	803	1.63	0.04	7.7	4.4	610
N829283		6.98	14.70	0.18	0.9	1.895	2.67	25.4	24.6	0.94	1920	14.15	0.05	6.4	16.9	450
N829284		3.81	14.65	0.15	0.7	0.297	2.48	21.7	64.4	0.71	1520	11.35	0.04	5.7	2.6	450
N829285		7.72	12.65	0.18	0.9	4.77	2.13	15.9	31.1	0.60	2860	14.50	0.08	5.2	13.7	430
N829286		7.14	7.18	0.13	0.3	2.02	1.03	1.0	41.3	0.48	1150	18.75	0.02	2.3	2.4	130
N829287		14.45	11.85	0.22	0.5	2.99	2.15	4.9	8.5	0.20	229	8.66	0.04	3.9	1.8	290
N829288		0.47	0.28	0.05	<0.1	0.007	0.04	0.7	1.3	12.80	201	0.14	0.01	0.4	1.6	270
N829289		3.05	17.45	0.15	1.0	0.396	3.29	29.0	25.8	0.84	1520	1.24	0.07	5.8	2.0	570
N829290		4.66	16.75	0.18	0.9	0.274	3.10	34.2	53.3	0.79	1680	0.75	0.06	6.0	2.1	530
N829291		2.73	17.40	0.17	0.9	0.146	2.77	39.6	56.5	0.92	1460	0.46	0.11	6.1	2.3	570
N829292		6.19	16.80	0.19	1.0	0.298	3.14	36.1	24.4	0.78	2090	1.26	0.04	7.3	2.5	530
N829293		6.31	16.40	0.18	1.0	0.261	2.93	27.8	10.9	0.96	2350	5.16	0.04	6.6	3.8	480
N829294		0.47	0.28	0.10	<0.1	<0.005	0.03	0.8	1.0	12.35	213	0.11	<0.01	0.3	2.4	170
N829295		3.17	17.65	0.18	1.1	0.074	3.06	35.7	29.2	0.56	834	1.33	0.12	8.3	2.4	630
N829296		4.42	16.30	0.19	1.0	0.184	2.89	31.4	62.9	0.77	1780	1.19	0.07	7.4	2.7	520
N829297		3.20	17.05	0.18	1.0	0.072	2.64	24.9	51.0	0.74	878	1.20	0.09	7.6	2.6	590
N829298		2.94	17.25	0.18	1.0	0.036	2.70	25.1	25.8	0.60	404	0.72	1.23	8.1	2.6	580
N829299		4.42	17.55	0.19	1.1	0.253	2.73	25.3	31.1	0.72	1280	1.52	0.40	8.0	2.8	590
N829300		5.78	16.30	0.19	0.9	0.371	3.05	27.6	21.2	0.77	1830	2.02	0.04	6.2	2.6	530
N829301		3.47	16.95	0.17	0.9	0.162	3.07	26.0	74.2	0.93	1780	0.94	0.06	6.5	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145817

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829266		529	113.0	<0.002	>10.0	52.0	7.8	1	8.6	65.9	0.25	0.71	3.2	0.122	1.89	4.1
N829267		2.2	1.6	<0.002	0.03	0.14	0.5	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N829268		197.5	197.0	0.002	2.02	16.30	13.0	<1	4.4	22.8	0.41	0.05	11.7	0.182	3.04	3.8
N829269		22.8	193.5	0.010	0.51	10.65	9.3	1	1.7	69.3	0.46	<0.05	10.8	0.174	2.66	4.9
N829270		14.3	134.5	<0.002	0.16	15.15	10.1	1	1.6	92.7	0.70	<0.05	11.9	0.240	2.24	4.0
N829271		17.1	122.0	<0.002	0.05	22.1	11.5	1	1.7	157.5	0.68	<0.05	12.0	0.255	1.53	2.6
N829272		17.4	128.5	<0.002	0.06	22.8	11.6	1	1.7	162.5	0.69	<0.05	12.6	0.263	1.60	2.8
N829273		15.1	108.0	<0.002	0.11	31.1	10.5	1	1.9	146.0	0.65	<0.05	11.6	0.235	1.65	3.0
N829274		29.7	123.0	<0.002	0.39	15.00	10.4	1	1.9	41.4	0.57	<0.05	12.2	0.219	1.77	3.8
N829275		75.6	125.5	<0.002	0.62	18.80	12.0	1	2.2	70.4	0.55	0.06	12.3	0.223	1.85	6.0
N829276		90.3	113.5	<0.002	0.59	17.80	11.0	1	2.2	70.0	0.53	0.07	12.1	0.208	1.76	6.4
N829277		235	171.5	<0.002	2.52	24.9	11.6	1	4.4	57.3	0.55	0.58	11.4	0.235	2.63	5.7
N829278		89.4	159.5	<0.002	1.30	24.8	11.4	1	4.7	103.5	0.53	0.08	11.3	0.233	2.19	3.8
N829279		85.8	123.5	<0.002	0.38	24.8	10.7	1	2.4	108.5	0.60	0.05	10.7	0.239	1.95	4.1
N829280		87.5	139.5	<0.002	0.77	26.2	10.7	1	2.1	96.1	0.58	0.05	11.1	0.231	2.20	4.4
N829281		14.8	110.0	<0.002	0.26	26.1	11.2	1	1.9	120.0	0.64	<0.05	11.0	0.248	2.18	5.4
N829282		17.7	88.9	<0.002	0.38	39.0	11.2	1	2.1	143.0	0.62	<0.05	10.5	0.249	1.88	6.1
N829283		2870	179.5	<0.002	5.01	94.2	8.5	1	8.6	98.6	0.51	0.41	10.7	0.186	2.60	5.6
N829284		208	178.5	<0.002	1.82	36.8	9.3	1	3.2	81.3	0.46	0.10	9.2	0.182	2.82	7.9
N829285		9140	131.0	<0.002	6.83	206	7.1	2	8.5	118.0	0.44	0.51	8.1	0.174	2.24	5.2
N829286		3120	73.9	<0.002	7.48	818	3.2	1	9.9	104.5	0.19	0.45	1.9	0.070	1.34	7.4
N829287		886	165.0	<0.002	>10.0	451	4.9	2	7.4	14.1	0.35	1.15	6.7	0.122	2.45	2.5
N829288		4.5	2.0	<0.002	0.05	1.48	0.3	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829289		79.5	225	<0.002	1.06	12.35	10.8	1	3.4	54.7	0.54	<0.05	13.6	0.186	3.80	6.6
N829290		124.0	219	<0.002	1.53	10.70	10.4	1	4.9	41.0	0.53	<0.05	13.5	0.188	3.43	6.5
N829291		34.1	166.0	<0.002	0.27	9.60	11.4	1	2.8	98.2	0.56	<0.05	13.3	0.187	3.06	5.5
N829292		186.5	215	<0.002	0.95	9.28	10.8	1	6.7	26.1	0.65	<0.05	13.8	0.225	3.51	6.7
N829293		737	199.5	<0.002	3.73	17.85	9.7	1	6.7	72.0	0.58	0.06	12.0	0.204	3.25	5.5
N829294		2.8	2.0	<0.002	0.01	0.11	0.3	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829295		21.8	162.5	<0.002	0.22	17.35	12.2	1	2.1	86.8	0.70	<0.05	14.4	0.255	2.14	3.6
N829296		205	171.5	<0.002	0.92	22.5	10.6	1	4.0	90.5	0.65	<0.05	13.1	0.219	2.73	6.5
N829297		22.7	116.0	<0.002	0.25	15.10	11.8	1	2.0	112.5	0.68	<0.05	12.0	0.241	1.83	2.6
N829298		18.5	109.0	<0.002	0.04	8.37	11.3	1	1.8	246	0.71	<0.05	11.8	0.248	1.31	2.6
N829299		150.0	144.5	<0.002	0.23	7.31	12.0	1	3.2	117.5	0.72	<0.05	13.8	0.249	2.19	5.9
N829300		136.5	229	<0.002	2.55	11.45	10.8	1	5.2	37.3	0.51	0.05	12.2	0.195	3.36	5.1
N829301		159.0	224	<0.002	0.63	8.27	11.6	1	2.9	65.5	0.56	<0.05	12.6	0.200	3.44	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145817

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N829266		50	4.5	5.6	967	13.3		
N829267		4	0.1	0.9	19	<0.5		
N829268		75	3.1	8.6	597	21.6		
N829269		69	2.6	12.2	68	21.4		
N829270		70	1.8	14.1	65	26.2		
N829271		72	3.1	16.5	59	27.3		
N829272		74	3.2	17.1	62	27.9		
N829273		66	4.6	15.8	64	27.7		
N829274		71	2.1	14.1	146	24.7		
N829275		72	4.0	15.3	145	26.7		
N829276		69	4.5	14.3	200	24.9		
N829277		71	4.7	12.5	284	27.6		
N829278		65	4.9	14.0	673	26.9		
N829279		62	5.0	13.7	373	27.5		
N829280		64	3.3	11.9	533	28.7		
N829281		68	6.1	15.3	56	27.5		
N829282		67	5.3	14.7	51	25.3		
N829283		58	5.3	11.2	5470	28.1		
N829284		59	4.5	11.4	995	21.5		
N829285		50	4.5	9.4	>10000	30.1	119	1.630
N829286		23	3.4	4.8	7820	9.4		
N829287		32	2.6	6.0	404	14.7	187	
N829288		3	0.1	1.0	20	<0.5		
N829289		75	2.0	10.9	482	26.1		
N829290		67	3.0	10.3	354	23.8		
N829291		64	1.8	15.2	248	26.6		
N829292		64	6.9	9.8	551	30.4		
N829293		58	6.3	11.5	751	28.6		
N829294		2	0.1	1.0	19	<0.5		
N829295		71	3.8	18.1	72	32.3		
N829296		60	3.9	14.8	1220	29.6		
N829297		70	3.8	16.2	106	31.3		
N829298		66	2.1	16.7	42	30.5		
N829299		68	4.7	14.8	555	32.9		
N829300		63	6.3	11.0	437	25.3		
N829301		67	3.3	15.0	281	27.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145817

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

CERTIFICATE WH12145818

Project: Klaza-68

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

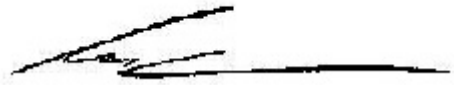
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145818

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829302		4.22	0.949	1.89	6.70	491	330	1.38	2.25	0.92	2.50	54.6	4.3	9	8.82	32.4
N829303		5.66	0.222	0.75	7.25	136.0	760	1.37	1.10	1.35	1.44	56.5	7.5	9	8.28	20.2
N829304		7.54	0.987	3.12	4.67	335	80	0.87	3.94	1.49	2.62	26.6	14.6	9	5.64	47.2
N829305		5.26	<0.005	0.01	0.07	<5	20	0.07	0.03	21.4	0.07	1.25	1.2	2	0.20	5.1
N829306		5.91	0.009	0.20	7.33	24.5	720	1.66	0.35	3.17	0.29	51.2	3.2	10	10.95	8.8
N829307		5.66	<0.005	0.11	7.21	5.2	710	1.72	0.16	3.51	0.22	44.8	2.2	8	8.26	2.4
N829308		<0.02	<0.005	0.11	7.18	4.5	710	1.75	0.16	3.63	0.20	43.2	2.2	9	8.37	2.8
N829309		5.46	0.041	0.47	7.39	50.2	690	1.30	0.47	3.40	2.19	50.2	3.6	17	8.72	17.2
N829310		3.89	<0.005	0.14	7.46	8.5	690	1.73	0.35	3.13	0.18	45.1	3.1	14	7.99	12.2
N829311		7.89	<0.005	0.10	7.62	8.5	700	1.43	0.18	2.93	0.12	46.6	2.1	9	7.65	7.9
N829312		6.08	0.006	0.24	6.52	21.7	570	1.22	0.51	2.62	0.15	40.0	3.9	10	9.08	43.8
N829313		6.72	<0.005	0.13	7.12	7.3	640	1.30	0.27	3.26	0.10	32.7	2.3	10	8.11	5.7
N829314		4.52	0.017	0.47	7.45	38.6	750	1.34	0.93	1.90	1.92	39.7	5.5	10	8.80	32.6
N829315		0.30	2.30	24.2	6.01	3470	1200	1.29	18.85	2.21	80.0	44.3	10.5	19	14.20	433
N829316		5.41	0.079	0.35	6.59	14.8	390	1.16	0.41	5.16	0.94	34.0	3.2	8	11.70	4.4
N829317		5.37	0.019	0.27	6.72	12.8	450	1.45	0.56	2.64	0.44	35.6	7.2	8	29.3	27.7
N829318		2.28	<0.005	0.01	0.10	<5	20	0.06	0.02	21.9	0.06	1.23	1.5	2	0.32	1.2
N829319		4.42	<0.005	0.18	5.89	6.9	620	1.18	0.35	2.73	0.35	34.3	3.0	8	7.61	4.7
N829320		4.99	<0.005	0.20	5.63	5.4	430	1.12	0.36	3.53	0.40	31.0	1.5	7	6.94	7.6
N829321		4.64	<0.005	0.36	5.82	9.8	430	1.21	0.66	3.50	0.46	32.2	1.6	8	8.16	3.9
N829322		4.19	<0.005	0.29	7.15	6.5	380	1.50	0.54	3.21	0.84	30.7	1.8	8	9.23	4.9
N829323		5.29	<0.005	0.27	6.85	6.1	720	1.42	0.54	3.02	0.60	27.9	1.2	9	9.64	7.1
N829324		2.35	<0.005	0.40	6.67	6.6	520	1.47	0.58	2.93	0.55	27.8	1.4	8	9.56	7.0
N829325		8.12	<0.005	0.43	6.80	6.5	480	1.42	0.50	4.12	0.67	31.4	1.1	8	9.93	4.8
N829326		4.61	0.009	0.36	7.32	17.4	410	1.72	0.63	2.28	0.42	31.4	1.4	8	9.87	3.9
N829327		8.85	0.022	0.76	6.98	21.5	520	1.53	1.01	3.81	0.16	31.7	1.9	9	7.54	43.7
N829328		5.15	0.023	0.55	7.41	35.3	630	1.51	0.74	2.67	0.62	32.4	0.9	9	7.35	9.5
N829329		6.03	0.028	0.79	6.29	34.5	540	1.25	1.04	3.29	1.68	30.2	1.2	10	6.91	34.4
N829330		0.30	4.47	>100	5.25	8130	140	1.18	58.1	1.92	219	29.6	8.9	18	11.00	1250
N829331		4.72	1.520	16.75	4.65	738	60	0.77	21.2	2.65	10.35	16.80	11.8	7	5.18	59.9
N829332		4.18	0.053	1.14	7.68	105.5	500	1.40	1.54	1.73	4.99	41.5	2.4	8	6.98	48.5
N829333		9.10	0.020	1.96	7.99	187.0	420	1.50	0.74	1.56	1.60	39.1	2.3	10	7.10	131.0
N829334		2.88	0.017	0.69	6.75	65.2	1070	1.45	0.76	4.46	1.60	31.4	6.1	7	9.85	10.3
N829335		7.64	0.011	0.57	6.33	80.5	420	1.49	0.67	4.22	1.32	28.6	3.9	8	6.98	3.6
N829336		4.75	<0.005	0.22	6.43	9.4	330	1.59	0.34	4.20	0.28	23.7	1.8	8	8.99	1.9
N829337		8.28	0.008	0.29	6.32	19.7	310	1.56	0.28	3.97	1.64	22.9	1.7	9	9.60	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145818

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829302		5.83	15.60	0.18	0.9	0.352	2.98	25.5	29.1	0.54	1790	2.81	0.04	6.4	3.5	530
N829303		4.28	16.90	0.18	0.8	0.386	3.19	25.6	50.9	0.65	2280	1.47	0.05	6.3	6.9	530
N829304		6.38	11.35	0.17	0.6	0.299	2.02	11.6	10.9	0.64	1720	7.55	0.04	3.4	7.1	390
N829305		0.49	0.20	<0.05	<0.1	<0.005	0.03	0.6	0.9	12.70	220	0.18	<0.01	0.3	<0.2	170
N829306		3.35	17.55	0.11	1.1	0.091	1.53	23.2	29.0	0.68	741	0.75	0.58	7.8	3.1	690
N829307		2.96	17.00	0.13	1.0	0.070	1.32	17.7	21.7	0.67	697	0.54	1.03	7.6	2.7	580
N829308		3.01	16.70	0.11	1.0	0.069	1.33	17.1	21.7	0.67	709	0.54	1.05	7.6	2.8	590
N829309		3.29	17.20	0.13	0.8	0.239	2.54	18.4	24.8	0.90	1690	1.02	0.11	5.9	2.4	600
N829310		3.22	17.65	0.14	0.8	0.130	1.91	15.3	31.9	1.07	850	0.32	0.15	5.7	2.0	590
N829311		1.88	17.30	0.11	1.0	0.059	1.23	15.2	58.9	0.87	705	0.43	0.24	7.9	1.8	630
N829312		2.21	15.25	0.12	0.8	0.115	1.72	14.9	64.6	0.84	982	2.20	0.18	5.6	2.6	530
N829313		2.17	17.65	0.10	0.9	0.094	1.78	10.4	55.7	0.94	1190	0.47	0.20	6.8	1.5	570
N829314		2.20	17.50	0.12	0.8	0.155	2.64	14.0	50.0	0.72	825	0.52	0.15	6.6	2.4	670
N829315		6.75	13.95	0.16	0.9	1.670	2.58	24.1	20.6	0.91	1870	14.20	0.05	5.8	14.4	450
N829316		2.67	14.20	0.10	0.8	0.226	1.80	12.8	57.7	1.75	1640	0.66	0.09	6.1	1.8	510
N829317		1.73	14.65	0.08	0.8	0.141	1.75	12.3	40.6	0.88	763	1.63	0.09	5.1	2.1	600
N829318		0.49	0.27	0.06	<0.1	0.005	0.03	0.6	1.1	13.05	210	0.13	0.01	0.4	<0.2	180
N829319		1.76	14.65	0.11	0.8	0.139	1.39	10.5	61.8	0.61	785	0.45	0.14	5.9	1.8	510
N829320		1.64	12.55	0.12	0.7	0.124	0.89	10.9	32.8	0.53	828	0.46	0.24	5.0	1.5	460
N829321		1.92	13.60	0.13	0.7	0.262	1.03	10.0	27.2	0.70	797	0.31	0.27	6.0	1.7	660
N829322		2.26	17.15	0.12	0.9	0.222	1.01	8.1	27.0	0.56	663	0.31	1.00	6.6	1.9	610
N829323		1.62	15.85	0.09	0.8	0.253	0.93	7.6	37.1	0.54	848	0.23	0.29	6.3	1.0	610
N829324		1.65	16.15	0.09	0.9	0.290	0.97	7.5	36.2	0.51	835	0.28	0.28	6.7	1.1	590
N829325		1.89	16.00	0.09	0.8	0.263	0.87	8.4	60.6	0.59	905	0.30	1.39	6.8	1.0	610
N829326		2.01	17.20	0.10	0.7	0.242	1.48	9.1	186.5	0.65	922	0.45	0.22	6.0	1.3	620
N829327		2.62	16.25	0.10	0.7	0.241	1.68	9.1	20.8	0.67	954	0.61	0.88	5.6	1.1	590
N829328		2.18	17.90	0.11	0.7	0.289	2.67	9.4	36.1	0.77	1340	0.90	0.16	5.7	1.3	620
N829329		2.46	14.40	0.10	0.6	0.356	2.53	9.8	27.4	0.75	1520	0.87	0.29	4.0	1.1	510
N829330		7.96	12.10	0.17	1.0	4.46	2.20	13.8	27.8	0.61	2960	15.40	0.09	5.4	13.4	450
N829331		9.34	11.05	0.14	0.5	0.489	2.01	5.1	10.4	1.14	2380	2.67	0.04	3.2	1.2	350
N829332		3.07	17.55	0.09	0.9	0.429	2.89	17.5	20.5	0.68	1550	0.46	0.04	6.7	1.2	580
N829333		1.79	19.05	0.08	0.9	0.264	2.06	13.3	31.3	0.60	822	0.69	0.09	7.3	1.3	630
N829334		1.94	15.85	0.10	0.8	0.260	1.87	11.0	44.4	0.92	1260	0.81	0.11	5.2	1.1	560
N829335		1.93	16.25	0.10	0.8	0.220	1.39	8.7	29.0	0.81	917	0.59	0.94	6.4	1.2	750
N829336		1.16	16.70	0.07	0.8	0.166	0.93	6.9	169.0	0.54	853	0.25	0.28	7.0	1.1	600
N829337		1.18	17.65	0.09	0.8	0.112	0.78	6.6	96.6	0.62	721	0.31	2.16	7.4	1.2	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145818

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829302		130.5	231	<0.002	3.32	22.6	11.0	1	3.8	23.5	0.54	0.12	12.5	0.195	3.54	7.1
N829303		44.0	259	<0.002	1.74	12.95	11.2	1	3.8	40.2	0.51	0.11	13.2	0.180	3.59	5.4
N829304		215	150.5	<0.002	4.94	24.8	6.7	1	4.2	79.2	0.35	0.38	7.4	0.114	2.49	3.0
N829305		3.0	1.6	<0.002	0.02	0.09	0.3	<1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N829306		21.5	72.2	<0.002	0.32	7.33	11.5	<1	2.9	147.0	0.65	<0.05	12.0	0.246	1.47	5.2
N829307		13.0	55.8	<0.002	0.09	4.60	10.5	<1	2.3	194.5	0.58	<0.05	11.1	0.225	1.35	4.5
N829308		13.2	50.3	<0.002	0.10	4.73	9.9	<1	2.4	201	0.60	<0.05	11.1	0.232	1.37	4.7
N829309		63.8	134.5	<0.002	0.89	9.20	9.9	<1	2.7	82.0	0.44	0.06	11.5	0.192	2.57	5.9
N829310		8.2	79.9	<0.002	0.28	7.59	10.5	<1	2.1	119.0	0.45	<0.05	10.7	0.194	1.83	3.8
N829311		7.1	43.4	<0.002	0.06	7.70	11.3	<1	2.5	132.5	0.60	<0.05	10.8	0.251	1.20	4.6
N829312		11.2	95.2	<0.002	0.32	12.50	9.4	<1	2.4	72.1	0.43	<0.05	11.1	0.181	1.70	2.8
N829313		6.8	74.9	<0.002	0.19	8.10	10.3	<1	2.4	82.2	0.58	<0.05	12.0	0.208	1.73	2.8
N829314		22.0	161.0	<0.002	0.74	9.96	11.1	<1	3.0	57.7	0.52	0.11	13.0	0.218	2.43	3.3
N829315		2770	157.0	0.002	4.85	90.6	8.4	1	8.0	92.0	0.47	0.40	10.8	0.177	2.12	5.3
N829316		16.6	130.0	<0.002	0.24	11.20	10.4	<1	2.8	99.6	0.46	0.05	12.4	0.190	1.70	4.3
N829317		14.5	120.0	<0.002	0.36	14.25	9.6	<1	5.5	80.5	0.41	0.06	12.2	0.166	1.71	11.1
N829318		1.5	2.0	<0.002	0.01	0.08	0.3	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829319		11.0	73.9	<0.002	0.34	9.96	9.4	<1	3.1	96.4	0.43	<0.05	10.0	0.180	1.46	2.3
N829320		20.3	56.0	<0.002	0.10	6.48	8.2	<1	2.4	125.0	0.42	<0.05	10.5	0.155	0.90	3.7
N829321		20.3	56.0	<0.002	0.13	6.35	9.4	<1	3.5	165.0	0.46	0.14	10.9	0.184	1.14	2.8
N829322		28.6	44.2	<0.002	0.16	6.14	10.4	<1	2.9	192.5	0.50	0.13	9.6	0.207	1.06	3.9
N829323		21.9	37.3	<0.002	0.08	16.20	10.1	<1	2.5	139.0	0.50	0.10	9.3	0.204	1.00	1.9
N829324		18.6	39.3	<0.002	0.08	15.40	10.1	<1	2.7	133.0	0.53	0.18	9.1	0.210	1.03	1.9
N829325		20.5	32.5	<0.002	0.07	10.15	9.7	<1	2.8	271	0.52	0.17	8.8	0.217	0.92	2.4
N829326		21.0	63.9	<0.002	0.20	25.1	10.4	<1	3.3	104.5	0.44	0.15	10.4	0.203	1.60	3.8
N829327		10.8	75.5	<0.002	0.45	6.47	9.9	<1	4.4	156.0	0.42	0.36	9.9	0.179	1.77	4.8
N829328		25.3	133.5	<0.002	0.35	9.03	9.9	<1	4.9	92.6	0.43	0.22	11.4	0.182	2.82	2.4
N829329		23.5	136.0	<0.002	0.44	5.21	9.3	<1	4.3	98.1	0.33	0.40	10.8	0.140	2.53	3.7
N829330		9400	117.5	0.002	7.06	215	7.2	2	8.4	118.5	0.43	0.50	7.6	0.178	1.90	5.0
N829331		236	125.0	<0.002	9.48	20.8	6.6	1	4.3	65.1	0.26	1.44	7.2	0.104	2.03	2.6
N829332		64.7	179.0	<0.002	1.33	12.10	10.8	<1	6.1	41.9	0.58	0.26	14.2	0.203	2.56	3.3
N829333		99.1	144.5	<0.002	0.31	42.9	12.2	<1	3.8	58.4	0.56	0.18	14.6	0.219	1.91	2.7
N829334		45.6	108.0	<0.002	0.48	17.00	10.0	<1	2.7	141.5	0.41	0.15	11.9	0.162	1.72	4.3
N829335		29.9	67.9	<0.002	0.26	5.93	10.8	<1	2.7	210	0.46	0.17	10.0	0.203	1.38	3.2
N829336		9.9	35.4	<0.002	0.09	17.55	10.0	<1	2.2	151.5	0.50	0.07	9.0	0.218	0.94	2.5
N829337		42.8	29.4	<0.002	0.05	6.82	9.5	<1	2.2	327	0.54	0.05	8.0	0.219	0.72	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145818

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829302		64	6.8	11.0	276	25.5		
N829303		75	2.5	11.7	145	24.1		
N829304		56	3.2	7.1	257	16.2		
N829305		3	0.1	0.8	18	<0.5		
N829306		74	2.2	15.2	64	28.6		
N829307		72	0.9	15.2	55	27.7		
N829308		74	0.9	14.6	56	26.9		
N829309		84	1.7	14.4	201	22.8		
N829310		83	1.3	14.1	68	22.2		
N829311		74	1.8	15.2	54	26.6		
N829312		74	1.4	12.7	67	20.8		
N829313		76	1.2	12.8	50	25.1		
N829314		79	1.8	12.8	173	21.5		
N829315		56	5.3	9.2	5300	24.0		
N829316		62	1.6	15.8	127	20.4		
N829317		66	1.9	12.8	73	21.5		
N829318		2	0.1	0.8	20	<0.5		
N829319		68	1.4	13.2	53	23.1		
N829320		49	1.0	12.7	56	20.9		
N829321		60	1.6	12.6	64	20.0		
N829322		56	1.1	12.6	87	24.1		
N829323		49	1.7	12.1	79	22.9		
N829324		50	2.0	12.3	79	24.1		
N829325		53	1.0	13.2	82	19.9		
N829326		66	1.3	11.8	70	20.4		
N829327		59	1.3	11.3	58	19.1		
N829328		53	1.2	10.2	80	18.3		
N829329		55	1.3	10.7	174	16.4		
N829330		52	4.6	7.7	>10000	28.8	117	1.595
N829331		36	3.4	6.1	844	11.6		
N829332		65	3.0	11.9	407	24.2		
N829333		64	2.2	13.4	150	25.7		
N829334		48	1.5	15.4	148	21.1		
N829335		70	1.1	14.6	129	22.6		
N829336		64	1.0	12.8	57	23.3		
N829337		57	1.0	12.4	140	21.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12145818

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147075

Project: Klaza-68

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

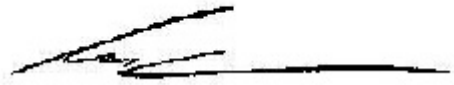
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12147075

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829338		7.10	<0.005	0.29	6.45	8.4	340	1.47	0.40	4.69	0.41	21.3	2.0	9	12.70	2.4
N829339		8.31	<0.005	0.29	6.73	9.0	270	1.23	0.25	3.00	0.25	27.7	1.8	9	7.86	13.2
N829340		3.69	<0.005	0.20	6.95	5.6	300	1.09	0.24	4.56	0.25	25.8	1.9	8	7.28	5.2
N829341		2.22	<0.005	0.19	6.98	5.2	290	1.22	0.25	4.33	0.24	22.0	1.7	9	7.62	4.1
N829342		4.38	0.014	0.84	6.75	42.9	430	1.09	1.22	2.27	2.14	25.9	1.8	9	7.10	25.2
N829343		8.67	0.222	68.2	6.17	418	640	1.01	137.5	2.79	175.0	31.2	2.2	8	9.96	371
N829344		2.47	<0.005	0.05	0.06	<5	20	0.08	0.10	22.3	0.19	1.05	2.1	1	0.20	2.3
N829345		6.25	0.072	0.52	6.57	46.1	490	1.16	0.26	2.77	2.03	37.7	1.3	9	13.40	3.6
N829346		10.59	<0.005	0.20	6.78	11.1	710	1.13	0.16	3.86	0.17	24.3	2.6	8	10.20	6.5
N829347		7.60	<0.005	0.23	8.06	7.4	420	1.17	0.25	5.49	0.15	16.85	3.6	7	10.50	6.4
N829348		7.17	<0.005	0.15	7.13	5.0	360	1.02	0.21	4.58	0.21	18.50	1.6	8	9.28	2.1
N829349		<0.02	<0.005	0.16	6.70	5.9	380	1.10	0.21	4.78	0.24	20.7	1.8	8	9.65	3.3
N829350		5.28	0.016	0.22	6.73	19.1	680	1.15	0.19	4.85	1.75	18.70	1.7	7	11.65	7.3
N829351		8.02	<0.005	0.25	6.73	8.8	380	1.21	0.23	4.47	0.30	28.0	1.5	10	10.65	14.1
N829352		11.34	<0.005	0.20	6.55	6.4	410	1.27	0.22	4.31	0.15	27.6	1.4	11	9.02	11.8
N829353		5.25	0.006	0.22	6.88	9.2	430	1.32	0.24	4.62	0.27	22.2	1.5	11	7.47	12.4
N829354		4.33	0.171	9.47	7.29	214	470	1.15	16.35	1.86	6.94	29.7	2.4	10	5.20	212
N829355		9.00	<0.005	0.40	7.18	11.8	470	1.13	0.33	4.76	0.95	27.8	1.6	8	6.13	2.8
N829356		5.87	0.084	1.05	6.71	94.6	440	1.15	1.31	3.12	13.75	27.1	6.3	10	4.93	23.3
N829357		8.14	<0.005	0.35	6.66	8.2	360	1.17	0.28	3.25	1.29	26.7	1.8	9	6.74	7.6
N829358		7.52	0.023	1.14	7.12	44.7	390	1.30	1.20	3.91	10.05	26.6	2.2	8	14.35	16.1
N829359		10.53	0.039	1.59	7.21	220	340	1.37	0.36	2.05	8.36	28.7	2.7	9	9.63	14.5
N829360		9.07	<0.005	0.37	7.37	21.4	330	1.11	0.26	1.40	1.09	29.9	2.0	10	6.25	21.5
N829361		4.58	0.344	1.45	6.98	359	490	1.29	1.55	2.48	4.87	39.3	3.4	10	6.43	12.2
N829362		4.46	<0.005	0.13	6.86	10.0	600	1.44	0.76	3.69	0.11	33.9	2.2	9	6.18	11.0
N829363		0.27	2.23	24.7	6.38	3550	1670	1.22	20.0	2.28	77.4	42.3	11.2	19	13.35	478
N829364		6.31	0.027	1.87	6.90	471	620	1.34	1.63	2.78	16.70	41.8	1.9	10	5.97	35.0
N829365		7.41	<0.005	0.11	7.00	4.9	720	1.41	0.11	3.17	0.11	36.8	1.6	9	6.00	1.5
N829366		8.83	<0.005	0.13	6.82	6.3	580	1.62	0.15	2.71	0.09	31.1	1.8	9	5.43	1.8
N829367		4.15	0.029	0.80	6.76	41.6	600	1.61	0.50	3.24	7.09	37.0	10.2	9	5.67	6.0
N829368		0.27	0.861	9.45	6.30	1710	390	1.59	6.19	1.76	42.0	43.6	17.1	19	16.55	110.5
N829369		12.03	<0.005	0.16	7.07	7.2	790	1.69	0.12	2.93	0.29	36.7	2.5	9	6.64	3.2
N829370		11.40	<0.005	0.16	7.25	7.8	1950	1.58	0.15	2.46	0.29	37.8	4.0	10	9.81	5.2
N829371		3.84	0.474	2.02	6.36	140.5	970	1.71	1.72	2.81	6.78	35.7	16.7	8	12.45	20.6
N829372		1.45	<0.005	0.01	0.07	<5	20	0.05	0.02	18.75	0.07	1.22	1.8	1	0.17	2.1
N829373		9.03	0.035	0.76	6.84	51.3	990	1.77	1.01	2.10	1.72	40.1	17.5	10	15.95	12.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12147075

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829338		1.30	17.25	0.13	0.8	0.148	0.68	6.8	28.6	0.78	850	0.17	2.60	6.6	1.4	540
N829339		1.04	16.05	0.15	0.9	0.081	0.61	8.4	236	0.70	688	0.22	0.16	7.1	1.5	590
N829340		1.43	17.15	0.18	0.8	0.116	1.54	8.1	52.6	0.96	893	0.28	0.16	6.6	1.7	600
N829341		1.39	17.35	0.17	0.9	0.107	1.49	7.3	52.1	0.87	811	0.20	0.26	6.4	1.5	670
N829342		2.12	15.20	0.12	0.8	0.377	2.35	8.6	52.4	0.84	1270	0.34	0.04	6.7	1.8	560
N829343		5.02	13.40	0.13	0.6	2.23	2.64	12.0	12.5	0.68	3350	4.10	0.04	5.2	2.2	520
N829344		0.46	0.59	0.12	<0.1	0.006	0.02	0.5	1.0	13.25	213	0.08	<0.01	0.5	5.7	160
N829345		1.98	14.90	0.14	0.9	0.172	2.79	15.4	15.4	0.89	2630	1.48	0.06	5.6	2.0	460
N829346		1.71	15.45	0.13	1.0	0.066	1.39	7.3	53.8	0.78	828	0.32	0.82	6.4	2.1	560
N829347		1.30	15.80	0.14	0.9	0.064	1.15	6.0	33.9	0.82	1120	0.34	1.39	6.0	1.9	520
N829348		1.15	15.90	0.17	0.9	0.112	1.25	6.1	14.9	0.60	803	0.29	1.81	6.2	1.4	600
N829349		1.19	16.40	0.22	0.9	0.118	1.25	6.8	15.5	0.57	837	0.40	1.85	6.5	2.7	590
N829350		1.16	15.90	0.24	0.8	0.117	1.74	6.3	24.2	0.58	1300	0.26	0.80	6.1	1.8	530
N829351		1.20	16.10	0.19	0.9	0.125	0.99	8.6	18.4	0.66	818	0.31	2.39	6.6	1.8	600
N829352		1.26	16.35	0.15	0.9	0.126	1.11	8.5	22.5	0.71	808	0.30	2.11	6.6	1.8	610
N829353		1.37	16.70	0.19	0.8	0.134	1.81	7.6	10.2	0.71	759	0.26	1.98	6.5	1.7	610
N829354		4.86	16.10	0.16	0.8	0.672	3.06	9.9	13.9	0.65	1320	0.37	0.23	6.2	1.6	550
N829355		1.71	16.65	0.15	0.9	0.170	2.33	7.9	20.3	0.70	973	0.26	0.55	6.6	1.8	600
N829356		2.60	16.45	0.13	0.9	0.490	2.72	7.7	26.4	0.56	1360	0.33	0.17	6.2	1.8	590
N829357		1.41	16.10	0.15	1.0	0.097	1.51	7.4	28.8	0.59	671	1.28	0.67	6.5	1.9	580
N829358		2.30	16.85	0.16	0.8	0.399	2.33	8.7	79.7	1.02	1600	1.85	0.10	5.1	1.7	520
N829359		1.71	16.30	0.12	0.9	0.155	1.87	9.1	331	0.65	839	0.48	0.13	6.2	1.5	590
N829360		1.35	17.25	0.15	1.0	0.117	1.52	9.1	36.2	0.49	579	0.35	0.10	7.0	1.5	650
N829361		3.38	15.60	0.15	0.8	0.275	2.31	15.3	20.0	0.69	807	0.55	0.69	5.9	2.2	520
N829362		2.19	15.90	0.18	1.0	0.225	1.86	11.9	12.0	0.71	772	0.43	1.87	6.9	2.3	600
N829363		6.84	14.75	0.14	0.9	1.640	2.76	20.4	24.5	0.94	1960	13.65	0.04	5.9	15.9	460
N829364		3.11	16.00	0.13	0.9	0.428	2.96	17.6	36.4	0.83	1640	0.46	0.12	6.2	2.2	550
N829365		2.39	15.90	0.16	1.0	0.088	1.19	14.0	13.1	0.69	507	0.33	2.59	7.1	2.7	550
N829366		2.64	14.95	0.12	1.0	0.096	0.97	12.1	23.6	0.76	542	0.32	2.31	7.6	2.3	540
N829367		2.66	14.20	0.13	1.0	0.130	1.24	15.6	16.0	0.70	758	0.47	1.90	7.0	2.7	520
N829368		5.16	14.60	0.22	1.4	0.928	2.64	22.3	26.1	0.64	1860	12.70	0.25	7.9	14.7	470
N829369		2.64	14.70	0.14	0.9	0.081	1.15	15.9	20.4	0.82	539	0.55	2.44	7.9	2.4	560
N829370		3.04	14.90	0.17	1.0	0.056	2.28	17.6	18.2	0.76	482	1.06	1.91	8.5	2.5	590
N829371		3.49	14.20	0.18	1.1	0.160	2.44	16.5	35.1	0.59	1150	0.76	0.40	7.9	2.5	460
N829372		0.45	0.40	<0.05	<0.1	0.005	0.03	0.6	1.1	11.70	193	0.13	0.01	0.4	2.7	160
N829373		3.80	14.45	0.15	1.0	0.155	2.36	19.1	128.0	0.76	1160	1.44	0.32	7.7	2.6	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12147075

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829338		16.3	21.7	<0.002	0.05	4.71	9.7	1	1.9	406	0.53	0.12	9.2	0.201	0.76	2.5
N829339		11.8	17.7	<0.002	0.04	27.6	10.9	1	2.5	143.0	0.63	0.09	8.9	0.234	0.58	2.3
N829340		16.5	64.9	<0.002	0.08	6.18	9.5	1	2.3	154.5	0.56	<0.05	10.4	0.212	1.48	5.3
N829341		12.0	57.9	<0.002	0.06	5.91	9.5	1	2.3	156.0	0.54	0.05	9.8	0.213	1.41	4.2
N829342		45.0	135.5	<0.002	0.55	9.50	9.5	1	2.7	83.5	0.54	<0.05	11.7	0.221	2.01	5.7
N829343		5370	146.0	<0.002	4.41	40.6	8.2	2	7.4	53.5	0.38	0.08	10.2	0.186	2.48	4.4
N829344		5.5	1.5	<0.002	0.01	0.09	0.7	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829345		112.0	122.0	<0.002	0.39	16.40	8.1	<1	3.3	65.7	0.52	<0.05	11.7	0.184	2.84	5.7
N829346		10.5	44.9	<0.002	0.12	7.55	8.4	1	2.2	186.0	0.55	<0.05	7.9	0.212	1.36	3.2
N829347		12.1	31.0	<0.002	0.13	7.14	7.4	<1	1.7	218	0.47	0.05	6.7	0.200	1.10	2.7
N829348		11.7	35.6	<0.002	0.05	3.52	8.5	1	1.9	269	0.50	<0.05	7.3	0.218	1.34	2.2
N829349		14.0	38.0	<0.002	0.06	3.84	9.2	1	2.0	274	0.51	<0.05	7.9	0.219	1.37	2.5
N829350		27.8	56.1	<0.002	0.14	6.34	8.0	1	2.1	180.5	0.51	<0.05	8.0	0.209	1.63	2.7
N829351		16.1	29.9	<0.002	0.04	5.58	8.6	1	2.2	357	0.52	<0.05	7.8	0.222	0.93	2.7
N829352		10.9	33.3	<0.002	0.04	5.57	9.1	1	2.3	316	0.52	<0.05	8.5	0.221	1.00	2.7
N829353		18.5	85.5	<0.002	0.05	6.54	9.5	1	2.0	289	0.47	<0.05	8.3	0.224	1.52	2.6
N829354		136.0	196.5	<0.002	3.43	8.95	10.2	1	4.4	68.3	0.49	0.20	12.3	0.202	2.28	3.7
N829355		26.0	105.0	<0.002	0.10	4.91	9.3	1	2.1	159.5	0.56	0.16	9.6	0.219	1.96	3.0
N829356		60.9	133.5	<0.002	1.05	5.60	10.0	1	4.6	83.0	0.49	0.16	10.1	0.212	2.05	3.5
N829357		28.3	60.2	<0.002	0.12	10.20	8.9	1	2.3	154.5	0.56	0.06	9.1	0.220	1.29	2.7
N829358		183.5	93.4	<0.002	0.45	17.00	8.5	1	3.1	144.5	0.43	0.11	9.1	0.175	1.95	3.6
N829359		204	86.3	<0.002	0.21	28.4	10.0	1	2.9	107.5	0.52	0.06	10.8	0.200	1.59	2.8
N829360		27.4	87.5	<0.002	0.10	25.0	11.2	1	3.0	69.7	0.64	<0.05	11.4	0.233	1.34	2.7
N829361		309	147.5	<0.002	1.61	7.68	9.5	1	4.9	154.5	0.47	0.13	11.9	0.202	1.76	3.3
N829362		7.6	101.0	<0.002	0.15	4.56	10.3	1	2.6	321	0.56	0.27	10.4	0.222	1.55	3.2
N829363		2930	168.0	0.002	5.26	89.5	8.5	1	7.6	93.4	0.44	0.35	11.0	0.192	2.14	5.8
N829364		352	144.0	<0.002	0.85	6.04	9.6	1	5.7	87.8	0.52	0.06	11.3	0.197	2.17	4.0
N829365		10.4	50.7	<0.002	0.02	3.26	9.3	1	2.3	378	0.61	<0.05	9.9	0.227	0.90	2.7
N829366		8.9	44.0	<0.002	0.08	3.41	10.1	<1	2.3	314	0.63	<0.05	10.2	0.219	0.80	2.9
N829367		192.5	67.0	<0.002	0.68	3.85	10.1	<1	2.8	285	0.55	0.13	10.9	0.201	1.06	3.2
N829368		1240	152.0	0.002	3.00	33.8	9.3	<1	5.8	144.0	0.59	0.29	11.1	0.206	2.31	5.1
N829369		17.3	54.7	<0.002	0.04	3.50	11.0	<1	2.5	353	0.59	<0.05	11.9	0.243	0.68	3.3
N829370		20.8	76.7	<0.002	0.06	3.54	10.7	<1	2.1	340	0.64	<0.05	11.5	0.261	1.00	3.4
N829371		174.5	115.5	<0.002	1.55	8.16	9.3	<1	3.5	152.5	0.74	0.14	13.2	0.198	1.90	4.4
N829372		1.4	1.7	<0.002	0.01	0.06	0.4	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829373		61.3	122.5	<0.002	0.90	10.65	10.7	<1	3.8	145.0	0.62	0.07	12.7	0.230	2.04	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12147075

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
N829338		75	1.3	11.6	76	19.1	
N829339		59	1.3	13.0	61	22.3	
N829340		54	0.9	14.3	57	20.5	
N829341		53	0.7	13.2	53	21.8	
N829342		54	3.0	12.2	236	19.9	
N829343		60	4.8	11.9	>10000	15.5	1.375
N829344		3	<0.1	0.8	31	<0.5	
N829345		62	3.9	10.4	213	21.8	
N829346		73	0.7	10.5	66	24.1	
N829347		61	1.0	11.6	60	22.0	
N829348		51	0.4	10.9	59	20.1	
N829349		54	0.6	12.0	63	21.6	
N829350		60	1.0	11.4	184	20.7	
N829351		58	0.9	12.6	66	21.9	
N829352		59	0.7	12.4	56	22.6	
N829353		53	0.4	13.2	63	21.5	
N829354		51	3.5	11.5	623	19.7	
N829355		62	0.7	12.4	130	22.0	
N829356		58	2.3	10.0	1430	21.4	
N829357		71	0.8	10.8	102	22.9	
N829358		51	1.7	11.4	807	19.4	
N829359		56	1.3	13.9	478	22.7	
N829360		74	1.5	15.7	98	23.5	
N829361		88	1.7	12.4	393	20.7	
N829362		109	0.5	14.4	58	23.8	
N829363		58	4.7	9.8	5560	24.6	
N829364		85	2.2	10.0	1540	23.1	
N829365		68	0.7	13.3	46	25.1	
N829366		66	0.8	14.1	54	28.2	
N829367		70	1.0	14.0	422	27.5	
N829368		55	5.1	11.4	2840	41.7	
N829369		70	0.9	15.9	58	24.8	
N829370		69	2.2	13.8	56	28.8	
N829371		57	2.5	12.8	452	31.7	
N829372		1	0.1	0.8	15	<0.5	
N829373		64	3.3	13.5	166	27.6	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12147075

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147076

Project: Klaza-68/69

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

Project: Klaza-68/69

CERTIFICATE OF ANALYSIS WH12147076

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829374		13.12	0.267	12.30	6.12	265	320	1.38	14.70	1.33	35.5	43.5	8.6	8	12.10	267
N829375		1.26	<0.005	0.01	0.10	<5	40	0.06	0.03	21.3	0.11	1.34	1.4	2	0.30	3.7
N829376		5.94	0.201	3.26	6.93	157.0	1050	1.76	1.66	1.93	5.16	48.3	6.6	9	23.2	315
N829377		7.22	0.006	0.15	6.73	21.7	1220	1.83	0.13	2.98	0.10	49.0	7.1	10	26.5	10.7
N829378		3.21	<0.005	0.22	7.01	8.6	1860	1.61	0.10	2.68	0.67	43.7	8.1	12	8.39	8.0
N829379		2.61	<0.005	0.07	6.79	7.8	2420	1.52	0.06	2.71	0.11	40.4	7.3	12	14.80	6.8
N829380		1.00	<0.005	0.08	6.75	8.9	2240	1.46	0.09	2.71	0.15	39.6	8.3	11	14.40	12.2
N829381		3.75	0.005	0.12	7.08	23.4	1970	1.45	0.13	2.61	0.14	50.2	8.0	13	13.10	8.0
N829382		4.68	<0.005	3.68	7.13	15.1	1890	1.65	0.08	2.77	0.39	44.9	8.3	12	12.80	12.1
N829383		3.62	<0.005	0.12	6.78	18.9	1860	1.84	0.12	2.71	0.08	40.1	8.7	13	15.05	7.3
N829384		0.23	2.24	25.7	5.83	3340	1270	1.46	21.1	2.15	79.2	44.3	11.0	20	14.20	417
N829385		2.34	0.007	2.55	7.04	113.5	5010	1.60	1.33	2.55	1.29	56.1	8.6	10	21.1	16.4
N829386		4.76	<0.005	6.57	7.22	96.2	1250	1.71	0.24	2.52	0.47	47.6	9.5	11	20.7	24.5
N829387		4.31	<0.005	0.10	6.94	22.0	1800	1.32	0.07	2.89	0.10	41.8	7.3	11	18.75	6.8
N829388		4.64	0.011	0.25	7.13	81.4	1390	1.53	0.07	2.55	0.11	44.0	9.5	11	23.9	7.2
N829389		2.48	0.030	4.13	7.15	175.5	590	1.47	0.66	2.65	0.55	49.7	9.0	10	21.1	22.0
N829390		2.64	<0.005	<0.01	0.10	<5	20	0.07	0.02	21.5	0.07	1.33	1.5	1	0.26	2.4
N829391		2.52	<0.005	0.15	7.03	51.8	1240	1.61	0.12	2.62	0.10	38.5	8.4	10	20.5	5.7
N829392		1.96	<0.005	0.10	7.11	39.1	1620	1.46	0.06	2.16	0.07	40.2	8.1	10	18.85	5.8
N829393		2.30	0.013	0.34	6.91	116.5	5620	1.53	0.09	1.94	0.72	42.8	8.7	9	20.2	13.0
N829394		3.32	0.014	0.58	7.10	49.7	1120	1.55	0.09	2.24	0.85	44.6	7.1	11	20.0	27.0
N829395		2.18	0.006	0.34	6.85	30.1	1070	1.79	0.35	2.63	0.12	40.3	6.8	12	21.2	5.3
N829396		4.24	<0.005	0.07	7.61	5.9	1860	1.48	0.05	2.63	0.05	49.0	7.8	10	13.55	5.3
N829397		5.50	<0.005	0.06	7.35	4.7	1810	1.69	0.04	2.71	0.08	49.2	7.7	12	15.05	5.9
N829398		4.95	<0.005	0.03	7.43	6.1	1930	1.46	0.04	2.40	0.05	43.2	6.9	12	12.90	4.7
N829399		0.25	2.30	26.7	5.71	3300	1600	1.40	20.9	2.09	79.6	44.5	11.2	19	14.45	419
N829400		2.88	0.042	3.43	7.11	87.1	1120	1.29	0.21	2.38	2.40	42.6	8.2	10	17.05	27.7
N829401		5.50	<0.005	0.56	7.25	5.7	1860	1.32	0.06	2.86	0.05	42.3	8.5	13	10.45	5.4
N829402		6.00	<0.005	0.05	6.93	3.0	1920	1.27	0.06	3.63	0.07	37.8	7.1	13	12.65	3.6
N829403		5.75	<0.005	0.04	7.57	1.7	1960	1.32	0.05	3.19	0.08	41.7	7.8	13	11.35	3.4
N829404		<0.02	<0.005	0.04	7.57	2.7	2030	1.22	0.06	3.28	0.09	40.8	8.0	19	11.45	3.6
N829405		6.39	<0.005	0.07	7.34	3.8	2070	1.21	0.07	2.96	0.09	39.6	7.7	13	11.85	3.9
N829406		3.83	<0.005	0.22	6.67	41.5	1630	1.66	0.08	2.40	0.21	40.6	8.1	11	22.4	10.4
N829407		4.10	0.066	3.35	6.63	539	1110	1.38	0.39	2.91	2.94	42.6	9.8	12	17.70	48.4
N829408		6.58	0.014	0.30	6.96	72.5	1860	1.49	0.12	2.70	0.29	44.8	8.1	11	14.10	20.9
N829409		3.83	<0.005	0.08	6.82	5.7	1800	1.58	0.11	2.70	0.09	41.1	6.9	11	15.45	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

Project: Klaza-68/69

CERTIFICATE OF ANALYSIS WH12147076

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829374		5.86	12.25	0.15	0.7	0.354	2.31	23.4	69.6	0.77	1720	4.57	0.03	5.1	2.2	430
N829375		0.50	0.35	<0.05	<0.1	<0.005	0.04	0.7	1.1	12.75	216	0.24	0.01	0.3	3.8	180
N829376		4.48	15.45	0.10	1.4	0.222	2.78	25.7	38.9	0.90	1360	2.13	0.05	6.6	2.5	540
N829377		2.28	18.25	0.12	3.9	0.032	2.70	23.2	26.1	0.92	605	1.10	0.05	9.3	4.3	690
N829378		3.12	15.90	0.10	1.5	0.055	2.54	21.0	14.5	0.82	1240	0.90	1.87	7.3	2.7	580
N829379		2.94	14.90	0.09	1.3	0.038	2.52	18.9	14.2	0.69	968	0.87	1.63	6.9	2.7	580
N829380		2.95	16.25	0.11	1.4	0.038	2.59	17.9	11.0	0.68	1120	0.85	1.64	7.3	2.7	560
N829381		3.38	15.85	0.12	1.4	0.062	2.94	22.4	27.9	0.84	1820	0.93	1.05	7.3	2.8	580
N829382		3.15	17.00	0.11	1.5	0.058	2.63	21.0	18.7	0.79	1240	1.00	1.75	8.0	3.0	580
N829383		3.09	17.10	0.10	1.6	0.056	2.60	17.7	17.8	0.75	1160	1.05	1.70	8.8	3.1	600
N829384		6.56	14.85	0.12	1.0	1.665	2.48	22.1	23.6	0.88	1820	13.45	0.05	5.7	16.0	430
N829385		3.62	16.55	0.10	1.2	0.079	2.62	29.7	88.7	0.95	2720	1.09	0.27	7.1	2.7	550
N829386		3.24	17.05	0.11	1.3	0.059	2.57	22.3	88.4	0.80	2480	0.88	0.71	7.8	3.2	620
N829387		2.72	16.80	0.08	1.2	0.042	2.49	18.4	90.9	0.61	801	0.84	0.90	7.4	2.5	610
N829388		2.62	17.10	0.08	1.3	0.039	2.35	21.8	70.2	0.86	896	1.86	0.16	7.7	3.2	600
N829389		3.29	16.15	0.10	1.2	0.067	2.68	24.4	105.0	1.02	2850	0.78	0.05	7.1	2.9	580
N829390		0.48	0.40	0.07	<0.1	<0.005	0.03	0.6	1.2	12.85	216	0.22	0.01	0.3	3.7	150
N829391		2.87	16.80	0.11	1.3	0.047	2.73	17.8	74.6	0.76	1260	0.77	0.31	7.6	2.7	600
N829392		3.06	16.25	0.08	1.4	0.036	2.68	18.9	78.4	0.56	818	0.69	0.82	7.2	2.8	600
N829393		3.05	15.80	0.08	1.2	0.068	2.73	21.6	89.6	0.82	2070	0.84	0.07	7.0	3.0	550
N829394		3.16	16.50	0.09	1.4	0.067	2.69	20.6	40.4	0.70	1740	0.63	0.11	7.3	2.4	610
N829395		3.08	16.20	0.10	1.3	0.058	3.09	19.7	26.6	0.83	1640	0.77	0.10	6.9	2.5	570
N829396		3.34	17.35	0.10	1.4	0.036	2.50	23.1	25.0	0.79	666	0.79	0.91	7.8	2.7	620
N829397		3.15	17.55	0.11	1.4	0.041	2.47	22.9	20.3	0.73	699	1.20	1.37	7.9	2.7	610
N829398		2.96	16.85	0.12	1.3	0.038	2.58	19.6	24.0	0.64	632	0.87	1.01	7.7	2.6	610
N829399		6.37	14.95	0.11	1.0	1.660	2.49	23.0	24.2	0.86	1760	13.95	0.05	5.7	16.5	420
N829400		3.33	15.85	0.10	1.4	0.063	2.88	20.4	47.2	0.73	2870	0.70	0.36	7.2	2.8	570
N829401		3.19	15.55	0.06	1.3	0.036	2.61	19.7	14.3	0.86	995	1.25	1.66	8.4	2.8	670
N829402		2.99	15.25	<0.05	1.3	0.041	2.70	17.6	20.3	0.75	1040	1.11	1.48	8.1	2.9	620
N829403		3.21	15.35	0.05	1.1	0.044	2.54	20.0	8.6	0.85	978	0.76	1.87	7.9	3.0	670
N829404		3.32	15.55	0.05	1.2	0.046	2.60	19.1	8.6	0.84	1000	0.89	1.92	8.1	3.2	680
N829405		3.19	15.15	0.05	1.1	0.040	2.65	18.9	7.6	0.84	929	0.89	1.94	7.9	2.9	660
N829406		2.89	16.35	0.10	1.1	0.043	2.92	18.5	33.9	0.62	2080	0.84	0.97	7.1	2.9	570
N829407		3.74	15.10	0.09	1.1	0.073	2.58	21.3	73.0	0.95	3680	0.95	0.04	6.6	3.1	560
N829408		3.13	16.55	0.08	1.3	0.058	2.70	20.1	15.7	0.79	1920	0.75	1.42	7.2	2.7	590
N829409		2.77	15.65	0.09	1.4	0.037	2.67	19.3	10.8	0.68	749	0.72	1.63	6.8	2.7	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

Project: Klaza-68/69

CERTIFICATE OF ANALYSIS WH12147076

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829374		1190	130.0	<0.002	2.28	74.8	7.9	1	5.2	80.8	0.48	0.08	11.8	0.181	2.26	5.3
N829375		2.2	1.9	<0.002	0.01	0.26	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N829376		85.1	148.5	<0.002	1.25	19.15	8.6	<1	5.1	143.0	0.60	0.07	12.8	0.217	2.60	5.0
N829377		17.5	109.5	0.003	0.23	7.85	7.7	<1	1.9	291	0.74	<0.05	8.7	0.270	2.43	4.9
N829378		41.4	106.0	<0.002	0.09	4.14	10.8	1	1.9	341	0.62	<0.05	13.2	0.253	1.29	3.7
N829379		20.0	100.5	0.002	0.11	5.86	10.1	<1	1.6	327	0.59	<0.05	12.0	0.249	1.32	4.1
N829380		21.1	105.0	<0.002	0.15	6.97	10.2	1	2.5	320	0.64	<0.05	11.3	0.249	1.44	4.1
N829381		28.6	144.5	<0.002	0.31	8.61	11.4	1	2.1	236	0.66	<0.05	12.9	0.255	2.02	4.9
N829382		30.7	118.0	<0.002	0.11	11.70	11.4	1	2.0	330	0.69	<0.05	12.5	0.257	1.53	4.7
N829383		20.4	109.5	0.002	0.07	7.35	11.1	<1	2.1	332	0.92	<0.05	10.1	0.259	1.39	4.4
N829384		2680	160.5	0.002	4.75	91.3	8.3	1	8.2	88.5	0.45	0.43	10.3	0.169	2.52	5.4
N829385		433	154.0	0.003	0.43	79.4	12.0	1	2.1	153.5	0.69	<0.05	13.0	0.243	2.52	6.0
N829386		448	118.0	<0.002	0.28	113.5	12.2	1	2.1	208	0.63	<0.05	11.7	0.270	2.68	5.2
N829387		22.5	96.7	<0.002	0.07	12.60	11.3	<1	1.6	275	0.62	<0.05	10.7	0.261	1.73	3.9
N829388		27.7	101.5	<0.002	0.25	27.7	10.0	1	1.7	167.0	0.58	<0.05	12.1	0.261	3.65	5.7
N829389		1160	132.5	<0.002	0.43	132.5	11.1	1	2.0	119.5	0.61	<0.05	12.9	0.248	3.68	6.2
N829390		1.6	1.7	<0.002	0.01	1.21	0.2	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N829391		20.6	106.0	<0.002	0.24	20.2	11.0	<1	1.8	182.0	0.65	<0.05	11.1	0.263	3.06	5.5
N829392		24.4	97.0	<0.002	0.19	13.10	11.2	1	1.6	226	0.61	<0.05	12.3	0.261	2.92	5.3
N829393		34.8	138.0	<0.002	0.52	21.5	10.0	1	1.9	137.5	0.61	<0.05	11.7	0.243	3.55	7.5
N829394		47.8	135.5	0.002	0.44	26.2	11.5	1	2.1	110.5	0.61	<0.05	11.4	0.260	2.31	5.4
N829395		26.7	156.5	<0.002	0.33	35.2	10.6	1	1.7	102.5	0.55	<0.05	10.3	0.246	2.17	10.0
N829396		17.6	101.0	<0.002	0.02	4.97	12.6	1	1.8	256	0.64	<0.05	12.8	0.279	1.18	3.0
N829397		20.4	107.5	<0.002	0.02	4.91	12.4	1	1.8	304	0.66	<0.05	12.7	0.265	1.09	3.4
N829398		19.3	101.5	0.002	0.02	6.28	11.7	<1	1.8	245	0.64	<0.05	11.7	0.266	1.17	2.6
N829399		2590	159.0	<0.002	4.65	92.3	8.5	2	8.6	90.0	0.46	0.40	10.3	0.170	2.46	5.4
N829400		1040	125.5	<0.002	0.72	36.0	10.7	1	2.0	136.0	0.62	<0.05	12.3	0.249	2.49	5.9
N829401		17.1	92.0	<0.002	0.10	3.39	10.0	1	1.6	297	0.74	<0.05	10.2	0.276	1.35	3.5
N829402		19.0	88.5	<0.002	0.07	3.67	9.5	1	1.4	285	0.70	<0.05	9.1	0.268	1.20	3.7
N829403		17.9	88.8	<0.002	0.03	2.44	10.7	1	1.5	345	0.60	<0.05	9.7	0.289	1.15	2.6
N829404		17.9	84.9	<0.002	0.03	2.48	10.8	1	1.5	355	0.60	<0.05	9.2	0.282	1.17	2.9
N829405		19.8	84.5	<0.002	0.04	2.17	10.3	1	1.4	354	0.61	<0.05	9.4	0.274	1.18	2.4
N829406		20.9	138.5	<0.002	0.25	11.40	10.9	<1	1.8	230	0.56	<0.05	10.0	0.254	1.96	4.2
N829407		744	143.0	<0.002	1.34	84.9	10.7	1	3.1	118.5	0.55	0.05	11.3	0.239	2.86	5.3
N829408		37.6	116.0	0.002	0.16	9.01	10.9	1	2.2	312	0.58	<0.05	10.6	0.256	1.58	3.5
N829409		20.3	105.5	<0.002	0.02	4.52	9.8	1	1.8	320	0.62	<0.05	11.0	0.240	1.26	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

Project: Klaza-68/69

CERTIFICATE OF ANALYSIS WH12147076

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829374		52	6.6	9.0	2620	18.4
N829375		4	0.2	0.8	21	0.6
N829376		63	5.9	10.9	420	40.5
N829377		69	3.9	13.3	56	132.0
N829378		77	2.3	15.2	142	35.4
N829379		73	1.4	13.2	64	31.5
N829380		74	1.6	13.1	66	34.2
N829381		77	2.3	14.9	75	33.1
N829382		77	1.9	15.8	123	35.3
N829383		78	2.0	15.3	55	37.2
N829384		57	5.2	9.5	5130	25.7
N829385		75	2.6	15.0	185	29.2
N829386		81	2.2	14.9	103	33.9
N829387		78	1.8	13.0	54	30.7
N829388		76	3.3	13.0	58	32.3
N829389		76	3.4	13.9	111	30.0
N829390		4	0.1	0.8	18	<0.5
N829391		79	1.5	14.1	64	32.2
N829392		77	0.8	12.0	52	32.1
N829393		72	3.4	11.8	137	30.1
N829394		75	2.5	13.0	153	34.9
N829395		73	2.0	11.9	64	31.0
N829396		83	1.5	15.1	52	35.0
N829397		80	1.3	15.5	58	33.9
N829398		78	1.9	14.5	47	31.7
N829399		56	5.2	9.6	4960	26.1
N829400		74	2.3	14.0	226	28.9
N829401		83	3.8	15.7	56	31.9
N829402		78	1.5	13.5	53	32.3
N829403		85	0.9	15.0	66	28.0
N829404		85	1.0	14.8	67	30.1
N829405		83	1.0	14.4	62	27.2
N829406		76	2.8	13.3	72	26.7
N829407		71	4.0	12.9	372	25.7
N829408		76	2.2	13.4	83	29.5
N829409		76	1.9	11.9	49	32.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-JUL-2012
Account: ROCKHA

Project: Klaza-68/69

CERTIFICATE OF ANALYSIS WH12147076

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147077

Project: Klaza-70

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

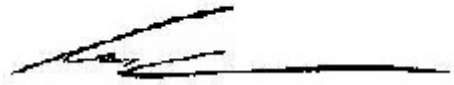
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147077

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828424		8.87	0.139	3.14	7.49	168.5	1940	1.78	1.89	0.58	10.15	54.6	6.7	9	22.3	97.1
N828425		11.16	0.213	7.51	7.02	395	1490	1.52	4.93	0.16	8.16	50.9	5.0	11	9.45	155.5
N828426		9.95	0.005	0.82	7.93	160.5	2760	1.32	0.60	0.16	3.24	34.5	4.3	9	9.74	167.5
N828427		9.41	<0.005	0.18	7.80	13.2	2410	1.65	0.20	0.81	1.38	58.9	8.6	9	11.05	70.0
N828428		10.15	<0.005	0.22	8.24	19.9	2320	1.78	0.25	1.35	3.58	63.7	6.7	9	17.55	20.3
N828429		8.93	<0.005	0.12	7.78	16.5	2660	1.38	0.28	1.35	2.45	44.7	6.6	9	16.65	4.8
N828430		10.65	0.006	0.18	7.33	20.3	2270	1.55	0.46	2.10	1.07	51.9	5.3	9	14.95	9.5
N828431		10.44	0.007	0.12	6.99	16.9	2360	1.57	0.33	2.78	0.69	44.2	3.9	9	15.95	6.0
N828432		10.89	0.007	0.16	7.65	32.9	2060	1.40	0.28	1.20	1.71	48.5	5.6	9	19.80	6.9
N828433		3.80	0.014	0.32	7.77	153.5	1990	1.30	0.27	0.74	3.02	50.9	6.6	9	19.60	11.2
N828434		0.24	2.32	23.9	5.72	3120	1030	1.26	19.05	2.15	75.5	44.3	10.1	18	13.70	400
N828435		3.76	0.065	2.75	7.62	377	1150	1.61	1.98	0.32	35.0	55.7	6.8	9	19.75	26.0
N828436		7.47	0.006	0.20	7.96	82.0	2630	1.56	0.31	1.62	1.78	52.1	8.3	10	14.45	11.6
N828437		3.57	0.973	7.89	7.37	4910	720	1.43	10.20	0.88	18.30	52.3	8.5	10	14.50	76.3
N828438		3.27	0.554	2.31	7.67	1195	1170	1.73	1.37	0.95	39.6	58.0	8.5	10	20.2	70.7
N828439		8.23	0.005	0.09	7.19	71.4	2320	1.59	0.18	2.26	2.41	43.8	7.3	10	14.40	13.9
N828440		9.68	0.011	0.20	7.47	61.6	2150	1.68	0.22	2.22	1.23	48.6	6.8	11	16.95	8.5
N828441		8.18	<0.005	0.11	7.39	12.3	2340	1.65	0.21	2.35	0.14	49.8	6.6	11	12.60	3.7
N828442		3.65	0.005	0.14	7.17	12.0	2140	1.43	0.21	2.44	0.15	45.8	6.1	9	12.20	8.4
N828443		9.31	<0.005	0.10	7.16	14.0	2400	1.48	0.30	2.68	0.14	42.6	6.6	14	10.10	4.5
N828444		3.31	<0.005	0.12	6.77	19.8	2120	1.41	0.30	2.74	0.12	39.8	6.0	13	17.90	8.0
N828445		2.21	<0.005	0.01	0.08	<5	20	0.06	0.06	20.8	0.05	1.05	0.6	2	0.17	1.0
N828446		5.04	<0.005	0.06	7.21	10.5	2380	1.26	0.15	2.63	0.08	48.6	6.3	14	15.20	6.3
N828447		2.52	<0.005	0.05	7.38	10.3	2340	1.38	0.14	2.61	0.10	52.6	6.1	14	15.25	5.9
N828448		3.47	0.514	5.30	6.64	264	580	1.69	6.43	2.85	8.15	48.1	8.1	10	23.1	161.0
N828449		10.05	<0.005	0.11	7.43	30.3	1350	2.00	0.15	1.80	0.12	68.4	6.2	24	16.20	9.6
N828450		5.61	0.011	0.27	6.07	41.2	1190	1.68	0.25	1.06	1.47	62.7	6.9	20	18.25	16.4
N828451		0.23	0.589	9.10	6.57	1800	950	1.45	6.57	1.91	39.5	43.9	15.8	20	15.30	100.0
N828452		3.27	0.025	0.60	6.45	68.7	1030	1.70	0.40	1.00	4.47	56.2	5.3	13	23.2	14.3
N828453		11.13	0.006	0.19	7.22	28.5	2070	1.41	0.33	1.57	1.28	51.4	5.2	10	22.1	7.2
N828454		<0.02	0.008	0.18	7.32	29.0	2170	1.47	0.33	1.58	1.45	57.4	5.6	11	23.6	7.6
N828455		6.95	0.009	0.28	6.90	42.3	3900	1.58	0.43	1.66	2.61	52.7	5.1	11	21.4	8.3
N828456		8.75	0.269	1.13	6.60	137.5	1330	1.53	0.84	2.16	20.3	52.5	4.5	12	24.2	24.8
N828457		3.32	<0.005	0.01	0.12	9	30	0.07	0.03	20.0	0.08	1.33	0.6	6	0.39	1.2
N828458		6.56	0.036	0.45	6.61	78.8	4630	1.76	0.55	1.97	1.46	48.8	5.0	14	26.0	8.2
N828459		3.33	0.037	0.31	6.30	59.7	4610	1.23	0.39	4.48	0.70	47.6	4.0	9	19.90	10.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828424		3.47	17.10	0.10	1.3	0.224	3.02	28.1	34.9	0.27	527	5.09	0.85	7.8	2.8	510
N828425		5.25	15.20	0.16	0.9	0.566	3.24	25.8	10.0	0.28	535	4.04	0.05	5.0	3.0	500
N828426		4.45	15.60	0.15	1.0	0.375	3.03	17.4	21.8	0.29	314	3.26	0.09	5.9	1.6	640
N828427		3.55	16.15	0.16	1.2	0.071	2.81	24.7	19.4	0.73	424	2.78	1.49	7.8	2.8	600
N828428		3.32	16.35	0.17	1.2	0.043	2.89	35.9	25.4	0.69	664	2.90	1.03	7.8	2.7	650
N828429		3.29	15.05	0.18	1.1	0.054	2.84	21.0	24.4	0.50	603	1.71	0.57	7.1	2.3	610
N828430		3.34	15.00	0.17	1.1	0.072	2.80	23.7	29.8	0.66	795	4.45	0.67	6.9	2.4	570
N828431		2.93	15.35	0.18	1.1	0.044	2.85	22.0	40.1	0.61	650	2.14	0.98	6.8	2.0	550
N828432		3.01	16.35	0.19	1.2	0.045	1.95	23.8	78.5	0.32	620	2.96	0.05	7.7	2.6	620
N828433		3.22	16.65	0.18	1.1	0.109	2.82	24.4	42.6	0.35	1020	1.74	0.08	7.5	2.2	610
N828434		6.59	13.30	0.17	0.9	1.440	2.40	21.6	22.3	0.89	1800	12.45	0.04	5.4	14.3	410
N828435		5.70	16.30	0.16	1.0	0.626	3.12	28.3	16.0	0.37	1070	3.42	0.05	6.9	2.0	550
N828436		3.27	16.65	0.18	1.1	0.050	3.18	23.7	21.5	0.61	781	2.77	0.69	7.7	2.7	620
N828437		5.27	15.95	0.15	1.0	0.277	2.89	26.4	41.9	0.46	1120	3.29	0.06	6.6	2.2	530
N828438		4.70	17.00	0.17	1.1	0.421	3.30	30.4	27.7	0.51	1580	3.76	0.08	7.1	2.8	590
N828439		3.07	15.55	0.16	1.0	0.043	2.91	19.0	18.5	0.64	571	5.27	1.48	7.4	2.6	560
N828440		3.06	15.90	0.15	1.1	0.058	2.91	23.6	17.2	0.66	603	4.26	1.33	7.6	2.6	560
N828441		2.90	17.10	0.18	1.2	0.032	2.80	23.3	20.1	0.71	452	5.55	1.95	7.9	2.5	560
N828442		3.23	16.00	0.14	1.1	0.041	2.57	20.3	27.0	0.67	764	3.84	0.59	7.9	2.3	630
N828443		3.04	14.85	0.16	1.0	0.044	2.75	20.0	14.7	0.73	576	4.23	2.05	6.9	2.2	580
N828444		2.98	15.85	0.15	1.0	0.056	2.78	17.8	22.1	0.65	549	3.43	1.88	7.2	2.4	540
N828445		0.47	0.21	0.14	<0.1	0.009	0.03	0.5	1.0	12.90	202	0.07	0.01	0.2	1.5	160
N828446		2.87	15.90	0.18	1.0	0.036	2.73	21.7	14.0	0.70	442	2.81	2.26	7.2	2.4	560
N828447		2.89	15.65	0.19	0.9	0.034	2.69	24.6	13.2	0.74	445	2.63	2.23	7.2	2.4	580
N828448		4.43	14.95	0.16	1.4	0.173	2.81	22.8	66.4	0.97	2370	5.51	0.11	7.0	4.0	590
N828449		2.52	18.00	0.17	4.9	0.026	2.37	35.5	104.5	0.82	599	0.78	0.05	9.8	7.7	1180
N828450		1.94	15.00	0.17	3.5	0.060	1.72	34.0	109.0	0.35	586	15.10	0.04	8.1	5.6	720
N828451		5.32	14.25	0.16	1.4	0.767	2.75	20.9	23.0	0.70	1940	11.75	0.26	6.6	14.4	490
N828452		2.55	14.45	0.16	1.9	0.092	1.94	29.1	76.5	0.47	787	14.65	0.04	6.8	3.3	560
N828453		2.97	15.40	0.15	1.4	0.059	2.09	26.0	65.5	0.59	936	2.94	0.04	6.7	2.2	570
N828454		3.01	15.30	0.17	1.5	0.062	2.27	30.9	70.5	0.60	953	2.51	0.04	7.2	2.4	570
N828455		2.81	15.65	0.16	1.3	0.132	2.31	26.7	105.0	0.59	900	3.52	0.05	6.7	2.6	510
N828456		3.93	14.30	0.17	1.0	1.035	2.76	26.2	16.7	0.87	2660	13.00	0.04	5.6	2.6	480
N828457		0.47	0.32	0.14	<0.1	0.009	0.04	0.7	1.5	12.35	205	0.12	0.01	0.3	1.6	170
N828458		2.90	14.95	0.17	1.5	0.120	2.58	24.2	37.4	0.73	1220	5.80	0.05	6.4	3.1	570
N828459		3.10	12.35	0.16	0.9	0.047	2.45	23.2	49.6	1.75	2660	5.25	0.06	5.5	1.9	460

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828424		364	164.5	<0.002	0.09	16.80	10.7	1	5.3	144.0	0.60	0.10	12.8	0.250	2.24	4.4
N828425		895	217	<0.002	0.95	14.20	10.0	2	6.6	17.6	0.42	0.52	13.2	0.179	2.74	6.5
N828426		151.5	136.0	<0.002	0.10	10.90	9.0	1	2.8	47.9	0.49	0.13	14.9	0.210	1.67	5.8
N828427		20.9	116.0	<0.002	0.01	4.24	11.6	1	2.2	210	0.65	<0.05	15.6	0.269	1.06	4.8
N828428		72.5	119.5	<0.002	0.06	6.50	11.0	2	2.2	198.5	0.66	<0.05	15.3	0.269	1.31	3.8
N828429		18.3	104.5	<0.002	0.08	12.75	10.0	2	2.1	133.5	0.60	<0.05	12.7	0.261	1.33	3.3
N828430		29.3	101.5	0.002	0.28	11.65	9.7	1	2.3	155.0	0.62	<0.05	11.5	0.235	1.45	4.5
N828431		15.9	99.1	<0.002	0.27	6.52	9.5	<1	2.3	204	0.55	0.05	11.3	0.225	1.45	4.9
N828432		19.5	89.6	<0.002	0.21	35.3	10.4	1	2.0	167.0	0.62	<0.05	12.6	0.258	1.22	4.6
N828433		81.6	134.5	<0.002	0.25	21.1	10.7	1	2.0	88.0	0.64	<0.05	13.9	0.262	1.72	2.5
N828434		2660	162.0	0.002	4.59	90.5	7.7	1	7.5	91.7	0.42	0.40	10.4	0.167	2.22	5.3
N828435		700	180.5	<0.002	1.94	16.45	10.4	1	5.2	54.3	0.58	0.16	14.5	0.242	3.12	4.6
N828436		35.2	140.5	<0.002	0.24	10.00	10.9	1	1.9	169.0	0.67	0.06	13.5	0.268	1.76	2.6
N828437		485	168.0	<0.002	3.05	30.5	9.9	3	4.0	97.2	0.54	3.40	14.0	0.228	2.27	2.4
N828438		552	222	<0.002	1.94	15.00	10.5	<1	4.6	76.1	0.57	0.05	15.0	0.238	2.88	3.1
N828439		24.5	113.5	<0.002	0.11	4.01	9.6	1	1.6	286	0.59	<0.05	11.6	0.249	1.48	2.7
N828440		56.3	123.0	<0.002	0.18	5.14	9.8	1	1.8	240	0.59	<0.05	13.1	0.246	1.53	3.1
N828441		16.3	114.5	<0.002	0.11	4.15	10.4	1	1.7	331	0.62	0.05	12.7	0.250	1.13	3.7
N828442		17.0	85.4	<0.002	0.11	7.16	10.5	1	2.1	146.0	0.58	<0.05	11.6	0.264	1.12	4.2
N828443		14.4	95.5	<0.002	0.22	2.72	9.1	1	1.5	339	0.57	<0.05	10.9	0.245	1.23	3.3
N828444		15.4	96.5	<0.002	0.23	3.06	8.9	1	1.6	317	0.54	0.06	9.8	0.242	1.29	3.1
N828445		<0.5	1.3	<0.002	0.01	0.06	0.2	<1	0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N828446		14.9	97.0	<0.002	0.04	1.38	9.4	1	1.6	380	0.55	<0.05	12.4	0.251	1.17	2.9
N828447		14.1	106.5	<0.002	0.04	1.39	9.8	1	1.7	373	0.53	<0.05	13.2	0.250	1.09	2.8
N828448		328	117.5	<0.002	2.35	27.5	8.7	1	3.2	206	0.53	0.18	10.8	0.241	2.20	4.1
N828449		11.2	82.3	<0.002	0.06	15.95	5.5	<1	1.5	545	0.72	<0.05	11.1	0.327	1.14	5.0
N828450		50.0	80.7	<0.002	0.12	57.2	4.9	1	1.7	535	0.54	<0.05	10.5	0.265	1.01	7.1
N828451		1305	160.0	0.002	3.05	31.1	8.4	1	5.6	146.5	0.59	0.24	11.7	0.204	2.39	5.1
N828452		163.0	116.0	0.002	0.40	55.0	7.8	1	2.0	315	0.53	<0.05	12.7	0.219	1.72	5.9
N828453		33.7	97.9	<0.002	0.35	23.5	9.4	1	2.0	163.5	0.64	0.05	14.6	0.219	1.82	4.6
N828454		31.5	105.0	<0.002	0.37	24.7	9.9	1	2.0	167.0	0.63	<0.05	14.9	0.237	1.84	4.3
N828455		25.2	103.0	<0.002	0.60	25.8	9.7	<1	2.2	135.0	0.62	<0.05	14.6	0.216	1.85	5.1
N828456		122.0	151.5	<0.002	1.40	23.6	9.2	1	3.0	75.1	0.47	0.05	13.1	0.194	2.47	6.7
N828457		0.5	2.3	<0.002	0.01	0.08	0.3	<1	0.2	41.8	<0.05	0.06	<0.2	0.005	<0.02	0.4
N828458		36.9	99.6	<0.002	0.61	18.40	9.2	2	2.1	295	0.51	0.08	12.2	0.215	1.86	4.8
N828459		50.2	116.5	<0.002	0.66	14.85	8.2	1	1.5	138.5	0.46	0.05	12.1	0.194	1.82	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147077

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828424		73	4.6	14.2	757	32.7
N828425		63	4.1	7.0	725	21.8
N828426		67	2.4	8.3	572	24.0
N828427		71	2.2	12.5	322	26.4
N828428		71	2.3	18.0	325	27.7
N828429		70	3.0	14.6	229	27.1
N828430		67	2.6	14.0	152	26.3
N828431		64	1.8	13.6	85	27.9
N828432		67	5.2	13.1	221	29.0
N828433		70	4.8	13.5	424	27.2
N828434		51	4.7	9.3	5030	23.1
N828435		66	4.8	10.2	2350	26.0
N828436		72	3.6	14.7	398	25.6
N828437		61	3.8	12.7	1580	22.6
N828438		64	5.0	12.1	1910	23.7
N828439		67	2.1	13.5	533	24.3
N828440		64	3.3	14.1	194	27.4
N828441		66	2.7	14.4	50	28.0
N828442		72	2.8	15.2	50	25.8
N828443		68	2.5	13.3	53	22.9
N828444		65	2.4	12.5	44	25.5
N828445		2	0.1	0.7	18	<0.5
N828446		65	2.4	13.6	37	25.0
N828447		65	3.0	14.5	36	23.5
N828448		61	4.1	11.9	679	44.7
N828449		55	2.7	9.6	96	177.0
N828450		46	5.8	13.0	197	127.0
N828451		56	5.0	10.5	2940	34.1
N828452		54	3.9	12.6	392	66.4
N828453		60	5.1	13.0	147	36.2
N828454		64	5.2	13.7	167	37.1
N828455		63	3.5	12.1	257	33.2
N828456		61	3.5	11.6	1400	25.2
N828457		2	0.1	0.8	19	<0.5
N828458		65	4.4	11.5	242	47.8
N828459		55	3.5	12.5	134	23.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147077

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147078

Project: Klaza-70

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

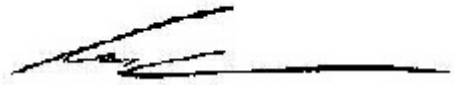
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147078

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828460		3.63	<0.005	0.18	6.86	15.0	2060	1.74	0.28	1.95	0.46	49.0	4.4	9	10.30	2.4
N828461		3.96	<0.005	0.13	7.61	13.0	2150	1.48	0.25	1.70	0.65	46.2	4.9	8	11.70	4.8
N828462		3.41	<0.005	0.14	7.54	9.8	2200	1.42	0.21	2.06	0.12	48.8	5.5	9	15.90	3.0
N828463		3.70	<0.005	0.14	7.65	17.7	1490	1.51	0.33	1.73	0.26	49.5	4.5	9	12.40	8.5
N828464		3.85	0.010	0.41	7.32	35.2	2600	1.61	0.79	1.96	0.38	51.3	5.2	8	11.40	30.8
N828465		2.77	<0.005	<0.01	0.08	<5	30	0.06	0.02	21.0	0.05	1.02	1.3	1	0.32	1.6
N828466		8.13	0.008	0.21	7.36	39.6	1430	1.44	0.26	2.20	0.25	49.3	4.0	8	17.10	5.5
N828467		10.35	<0.005	0.14	7.12	20.2	1610	1.34	0.18	2.05	0.13	44.1	3.6	9	12.75	2.0
N828468		3.65	<0.005	0.13	6.15	8.2	2020	1.17	0.15	2.78	0.14	37.6	3.7	8	10.20	2.5
N828469		10.39	<0.005	0.16	7.47	13.6	2340	1.22	0.21	2.00	0.14	68.8	3.8	9	11.25	2.4
N828470		<0.02	<0.005	0.14	7.44	14.5	2240	1.21	0.17	1.96	0.12	64.6	4.0	9	11.05	1.8
N828471		5.58	<0.005	0.14	7.71	22.2	1110	1.09	0.15	0.91	0.13	60.0	3.9	14	15.30	2.6
N828472		6.60	<0.005	0.12	7.90	20.4	1810	1.21	0.14	1.50	0.18	60.1	3.9	8	14.20	2.4
N828473		3.79	<0.005	0.14	7.36	24.6	2070	1.50	0.11	1.62	0.19	49.2	4.8	8	13.90	2.2
N828474		7.13	<0.005	0.22	7.96	19.1	1870	1.33	0.27	1.86	0.76	55.0	3.5	9	14.10	5.0
N828475		3.91	0.009	0.40	7.71	24.6	1320	1.40	0.44	1.62	1.13	64.4	3.2	8	16.50	22.7
N828476		0.22	2.24	24.9	5.99	3560	530	1.32	19.60	2.24	77.3	40.4	10.8	19	13.20	442
N828477		3.89	0.048	1.17	7.07	48.1	2090	1.37	1.44	1.63	11.45	66.7	3.4	8	9.18	34.0
N828478		6.18	<0.005	0.14	7.04	9.4	1850	1.29	0.17	2.50	0.28	47.6	3.1	8	10.35	1.4
N828479		3.72	<0.005	0.13	6.74	8.7	1600	1.56	0.15	3.13	0.22	40.0	4.2	8	14.65	2.6
N828480		1.76	<0.005	0.12	7.07	6.9	1700	1.51	0.13	3.25	0.09	43.0	4.1	9	13.55	2.3
N828481		3.55	<0.005	0.38	7.77	124.0	1610	1.53	0.34	1.88	2.91	50.9	4.1	10	16.70	4.9
N828482		5.25	0.559	14.30	5.41	763	410	1.21	5.39	1.04	29.2	39.6	5.5	8	7.49	162.0
N828483		2.89	0.005	0.02	0.07	<5	20	0.05	0.04	22.0	0.13	1.15	1.3	1	0.17	2.0
N828484		9.32	0.307	6.91	5.19	407	730	1.14	4.53	0.81	16.90	36.9	3.1	7	18.05	658
N828485		3.04	0.151	1.03	7.12	559	670	1.21	0.94	2.55	7.13	51.0	3.9	6	14.80	18.1
N828486		3.89	0.061	1.76	7.25	156.5	990	1.29	0.30	2.73	21.9	34.3	2.9	8	8.99	9.9
N828487		5.29	0.025	0.33	7.13	70.7	1040	1.41	0.27	2.71	1.50	34.4	1.8	8	10.00	3.4
N828488		7.08	0.070	0.95	6.68	428	1030	1.27	0.33	2.37	6.12	28.7	2.0	8	9.15	6.5
N828489		0.23	2.79	>100	5.48	8240	1290	1.03	64.1	1.95	225	33.9	8.6	18	10.85	1270
N828490		5.97	0.471	5.52	6.57	797	710	1.38	8.46	1.98	4.50	42.3	3.9	7	10.15	80.7
N828491		5.86	0.287	2.14	6.78	318	730	1.32	2.64	0.77	17.20	42.5	3.0	10	7.56	28.9
N828492		4.85	0.098	1.69	7.21	267	1100	1.18	1.86	1.98	9.19	43.3	2.7	8	10.85	37.1
N828493		3.93	0.293	2.92	6.20	1005	1240	1.24	3.54	2.34	21.4	44.3	3.0	8	9.23	96.9
N828494		6.22	0.022	0.67	7.21	127.5	1110	1.47	0.61	3.10	2.67	58.1	4.6	9	9.98	4.9
N828495		3.79	0.665	4.74	6.70	663	610	1.29	7.03	1.24	3.59	49.2	3.7	10	9.72	31.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147078

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828460		2.07	16.85	0.08	1.0	0.058	2.68	26.3	43.5	0.75	652	1.66	0.11	4.7	2.4	540
N828461		2.87	17.05	0.14	1.1	0.089	3.02	23.8	27.7	0.62	880	0.75	0.22	6.6	2.6	590
N828462		2.94	15.80	0.18	1.2	0.039	2.90	25.8	20.2	0.58	482	0.98	1.13	7.6	2.2	570
N828463		3.02	16.75	0.14	1.2	0.056	1.53	26.0	197.5	0.63	935	0.92	0.03	8.0	2.1	620
N828464		2.94	16.80	0.17	1.0	0.149	3.24	28.7	16.1	0.78	1050	2.21	0.05	5.6	2.4	580
N828465		0.47	0.36	0.22	<0.1	0.005	0.03	0.5	1.1	12.30	211	0.08	<0.01	0.4	0.4	160
N828466		2.90	15.60	0.14	1.1	0.035	2.42	26.9	73.2	0.79	1090	1.47	0.05	6.8	2.2	550
N828467		2.48	15.50	0.13	1.1	0.029	2.37	22.1	73.6	0.72	695	0.85	0.27	5.8	2.1	590
N828468		2.39	14.60	0.14	0.9	0.033	2.28	19.2	12.9	0.69	606	0.40	1.55	6.2	2.0	490
N828469		2.63	16.35	0.15	1.3	0.033	2.51	38.6	45.2	0.63	678	1.04	0.80	7.5	2.4	580
N828470		2.68	16.85	0.16	1.2	0.035	2.41	36.0	48.5	0.61	692	0.99	0.73	7.4	2.5	590
N828471		2.57	15.60	0.11	1.3	0.039	1.28	33.5	131.0	0.36	801	2.11	0.03	8.1	2.3	610
N828472		2.84	16.60	0.13	1.3	0.041	1.52	32.4	138.5	0.57	844	0.84	0.04	7.9	2.2	620
N828473		2.61	16.30	0.13	1.1	0.033	2.15	25.7	125.0	0.61	835	2.03	0.05	6.8	2.9	570
N828474		2.71	16.55	0.14	1.2	0.049	2.34	29.3	86.1	0.69	832	0.80	0.05	7.5	2.7	610
N828475		2.97	16.45	0.15	1.1	0.062	2.22	36.4	97.4	0.70	898	0.72	0.06	6.9	2.5	580
N828476		6.67	14.70	0.19	0.8	1.640	2.64	21.7	22.8	0.91	1940	13.20	0.04	6.0	15.2	450
N828477		4.17	16.90	0.19	0.9	0.254	3.04	38.5	32.2	0.85	1690	1.58	0.07	5.3	2.4	540
N828478		2.08	15.95	0.14	1.1	0.042	2.60	23.7	62.5	0.81	739	0.82	0.40	6.1	2.6	550
N828479		2.95	16.70	0.15	1.3	0.048	2.18	18.5	11.3	0.76	586	0.86	1.79	7.5	2.7	650
N828480		2.89	16.55	0.15	1.2	0.047	2.24	20.9	10.6	0.78	600	1.03	1.92	7.5	2.6	650
N828481		3.66	16.70	0.15	1.2	0.194	2.64	26.5	42.0	0.59	923	1.31	0.35	7.6	3.2	590
N828482		5.54	14.10	0.15	0.8	0.677	2.52	21.7	15.2	0.49	1360	1.65	0.03	4.5	2.6	360
N828483		0.48	0.34	0.22	<0.1	0.005	0.02	0.6	0.9	12.90	220	0.06	<0.01	0.4	0.6	180
N828484		4.89	12.75	0.11	0.7	0.419	2.16	19.7	31.5	0.41	1810	12.55	0.04	4.4	2.2	330
N828485		3.60	14.95	0.13	1.0	0.189	2.58	27.5	32.7	0.96	2540	2.76	0.04	6.2	2.2	510
N828486		2.31	16.35	0.11	0.9	0.176	2.77	13.8	20.4	0.93	2140	2.53	0.17	5.9	2.6	520
N828487		1.70	16.45	0.11	0.9	0.088	2.71	12.9	17.6	0.94	2090	0.75	0.20	5.9	2.1	520
N828488		2.42	15.50	0.12	0.8	0.179	2.76	11.5	10.0	0.87	2080	1.20	0.11	5.2	2.5	470
N828489		8.05	12.75	0.16	1.0	4.68	2.29	17.4	29.0	0.63	3040	15.80	0.08	5.6	12.8	460
N828490		5.62	15.70	0.14	0.9	0.148	2.63	21.4	24.9	0.72	1950	1.02	0.04	6.1	1.8	480
N828491		4.89	16.40	0.15	0.8	0.756	3.09	20.6	5.8	0.50	1770	3.12	0.05	5.3	1.9	530
N828492		4.70	15.70	0.14	0.9	0.317	3.16	18.4	7.5	0.82	3270	2.55	0.07	5.6	2.1	550
N828493		5.80	15.10	0.17	0.7	0.545	2.77	22.5	15.2	0.89	3320	3.99	0.05	4.5	2.4	480
N828494		3.07	16.90	0.15	0.9	0.105	2.37	29.5	27.2	0.74	1400	0.43	0.73	7.0	2.6	580
N828495		6.85	15.50	0.17	0.9	0.152	3.02	26.1	7.0	0.62	2770	1.76	0.03	6.3	2.7	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147078

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828460		25.4	125.0	0.002	0.26	11.95	9.7	1	1.8	73.1	0.40	<0.05	14.4	0.149	1.72	6.5
N828461		20.1	105.0	<0.002	0.21	13.40	10.5	1	1.8	87.5	0.55	<0.05	14.2	0.208	1.76	4.7
N828462		18.2	101.0	<0.002	0.16	7.23	10.0	1	1.6	221	0.65	<0.05	14.1	0.234	1.43	3.9
N828463		11.0	56.3	<0.002	0.27	26.0	10.6	1	1.8	183.5	0.61	0.06	13.2	0.242	1.18	3.9
N828464		26.8	141.0	<0.002	0.53	23.1	11.2	1	1.9	53.1	0.46	0.09	15.4	0.182	2.22	5.7
N828465		1.2	1.8	<0.002	0.01	0.21	0.3	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828466		13.4	94.0	<0.002	0.26	15.40	10.1	1	1.7	93.4	0.58	<0.05	13.5	0.218	1.62	4.5
N828467		11.9	70.8	<0.002	0.17	17.30	10.0	1	1.8	128.0	0.55	<0.05	13.8	0.200	1.69	4.5
N828468		11.0	68.6	<0.002	0.14	4.60	8.5	1	1.9	218	0.50	<0.05	9.7	0.182	1.23	3.5
N828469		14.9	90.0	<0.002	0.18	20.8	10.0	1	2.0	209	0.65	<0.05	14.9	0.217	1.26	4.0
N828470		14.2	85.6	<0.002	0.20	21.6	10.1	1	2.0	206	0.61	<0.05	14.1	0.213	1.26	4.1
N828471		12.9	62.3	<0.002	0.32	44.1	10.0	1	2.0	247	0.73	<0.05	15.4	0.239	1.02	4.8
N828472		14.7	68.3	<0.002	0.20	31.4	10.8	1	2.0	229	0.72	<0.05	15.4	0.244	1.17	3.8
N828473		15.6	84.6	<0.002	0.25	22.9	9.8	1	1.7	120.5	0.57	<0.05	14.5	0.213	1.73	5.0
N828474		24.1	86.7	<0.002	0.26	18.85	10.6	1	2.1	135.5	0.62	<0.05	14.8	0.228	1.86	4.5
N828475		51.3	95.0	<0.002	0.32	27.4	10.2	1	2.4	103.0	0.57	<0.05	15.0	0.206	1.73	4.3
N828476		2850	153.0	<0.002	4.94	85.2	8.3	2	7.3	91.5	0.42	0.34	11.2	0.181	2.52	5.8
N828477		249	137.5	<0.002	1.05	17.35	10.2	1	3.2	43.6	0.41	0.08	13.7	0.163	2.53	5.2
N828478		15.2	84.9	<0.002	0.20	6.82	9.2	1	2.1	116.0	0.51	<0.05	11.9	0.182	1.86	4.0
N828479		14.9	63.7	<0.002	0.09	3.21	10.0	1	2.1	301	0.61	<0.05	9.5	0.246	1.40	3.7
N828480		11.9	71.2	<0.002	0.10	2.85	9.9	1	2.1	325	0.58	<0.05	9.9	0.242	1.36	3.8
N828481		44.3	107.5	<0.002	0.56	11.95	10.5	1	2.6	124.0	0.62	<0.05	14.9	0.238	2.19	3.8
N828482		331	160.0	<0.002	5.20	42.6	7.5	1	6.4	26.1	0.35	0.28	9.4	0.146	2.56	3.8
N828483		1.6	1.3	<0.002	0.02	0.09	0.3	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N828484		371	117.5	<0.002	2.62	181.0	7.3	1	5.0	76.5	0.38	0.10	10.7	0.145	2.67	3.8
N828485		194.5	147.0	<0.002	1.23	19.35	9.5	1	3.5	128.0	0.52	<0.05	13.2	0.189	2.99	3.5
N828486		740	162.0	0.002	1.00	9.59	9.7	1	4.1	89.4	0.50	<0.05	13.4	0.195	3.10	3.1
N828487		73.0	140.0	<0.002	0.35	4.67	9.5	1	2.6	96.9	0.48	<0.05	12.5	0.179	3.06	2.8
N828488		287	160.0	<0.002	0.90	8.68	8.6	1	3.9	68.2	0.44	0.05	12.3	0.171	3.18	3.0
N828489		9660	124.5	<0.002	7.17	223	7.2	2	8.3	125.5	0.40	0.45	10.2	0.180	2.37	6.3
N828490		315	172.0	<0.002	4.92	19.35	9.4	1	5.9	63.5	0.47	0.10	12.1	0.185	2.83	3.8
N828491		199.5	200	<0.002	2.89	14.15	9.5	1	5.0	24.0	0.41	0.09	11.9	0.180	3.38	2.8
N828492		317	193.5	<0.002	1.37	11.75	9.2	1	5.3	46.9	0.46	0.07	14.3	0.179	3.66	4.2
N828493		233	165.0	<0.002	2.81	27.8	8.7	1	4.4	46.1	0.33	0.10	10.8	0.139	3.17	3.2
N828494		115.5	107.0	<0.002	0.68	5.89	10.2	1	3.1	178.5	0.52	0.13	11.5	0.209	2.18	4.2
N828495		311	175.5	<0.002	4.86	11.65	9.6	1	7.1	36.7	0.46	0.08	11.8	0.196	3.18	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147078

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N828460		65	1.7	11.4	96	27.5		
N828461		69	2.6	12.4	147	28.0		
N828462		66	1.7	13.1	87	34.3		
N828463		69	3.6	13.5	97	35.5		
N828464		67	3.6	10.9	110	27.0		
N828465		3	0.1	0.7	16	<0.5		
N828466		66	3.1	12.0	146	30.2		
N828467		68	2.8	11.2	105	26.9		
N828468		69	1.5	11.7	84	25.7		
N828469		68	2.4	13.7	76	36.8		
N828470		68	2.7	13.4	73	35.3		
N828471		62	6.2	13.4	64	34.1		
N828472		68	6.6	13.8	70	33.9		
N828473		65	3.7	12.0	68	30.9		
N828474		70	4.7	13.2	106	33.3		
N828475		69	2.8	13.6	136	31.7		
N828476		57	4.8	9.1	5460	24.8		
N828477		74	4.4	9.9	972	26.7		
N828478		68	1.4	10.8	64	31.4		
N828479		80	1.3	11.6	72	36.2		
N828480		79	0.9	12.3	51	34.4		
N828481		71	2.8	12.0	347	35.0		
N828482		48	6.2	6.9	1800	23.0		
N828483		3	0.1	0.7	22	<0.5		
N828484		48	4.6	7.9	1110	19.1		
N828485		60	4.5	11.1	710	27.9		
N828486		74	1.7	9.9	1680	23.5		
N828487		65	2.1	10.4	197	24.3		
N828488		63	2.0	9.4	781	23.5		
N828489		53	4.5	8.4	>10000	32.3	125	1.575
N828490		57	4.5	10.3	422	26.9		
N828491		59	3.1	6.8	1510	22.7		
N828492		56	3.1	8.2	923	23.6		
N828493		57	3.6	8.5	1780	19.4		
N828494		71	2.0	12.5	256	26.7		
N828495		61	4.7	9.5	330	26.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-70

Finalized Date: 15-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147078

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147079

Project: Klaza-70

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147079

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828496		8.82	0.050	0.45	7.15	240	870	1.60	0.37	2.18	3.24	47.4	3.8	14	16.60	7.7
N828497		9.37	0.146	3.70	6.69	304	850	1.38	6.52	1.78	1.97	51.5	3.9	18	14.90	139.0
N828498		5.44	0.404	3.39	6.85	351	550	1.21	5.52	2.12	7.01	47.5	4.1	17	8.39	23.1
N828499		5.61	0.321	6.45	7.13	362	420	1.44	7.84	1.82	65.2	57.2	7.7	20	11.90	281
N828500		5.26	0.340	5.87	6.78	441	310	1.24	7.98	0.37	10.75	50.2	4.0	16	7.35	141.5
N828501		2.37	<0.005	0.05	0.08	<5	10	0.06	0.04	20.4	0.11	1.30	0.6	2	0.15	2.1
N828502		3.71	0.194	3.81	6.57	343	140	1.40	6.67	0.69	7.26	44.1	8.2	16	9.71	12.3
N828503		6.39	0.211	11.95	7.13	229	810	1.42	19.45	1.46	6.98	45.2	3.0	19	7.87	606
N828504		4.01	0.016	0.28	6.74	18.8	550	1.65	0.48	3.06	1.90	34.4	2.0	16	8.56	3.7
N828505		10.98	0.011	0.13	6.82	49.0	1210	1.58	0.26	2.87	0.13	40.9	2.6	17	11.25	3.3
N828506		0.23	0.749	9.92	6.48	1775	710	1.53	6.62	1.87	42.8	49.3	16.6	20	16.40	109.5
N828507		12.42	0.005	0.41	6.73	36.9	1060	1.64	1.14	2.96	0.52	38.4	2.7	26	11.20	40.9
N828508		12.33	0.034	1.67	7.18	193.5	610	1.59	0.84	2.14	21.4	32.8	1.7	17	13.40	27.5
N828509		<0.02	0.030	1.66	6.97	124.0	550	1.66	0.69	2.23	30.9	34.8	1.6	23	13.35	34.6
N828510		13.72	0.030	0.74	7.70	70.3	1010	1.41	0.66	1.27	9.26	42.7	2.3	11	9.02	17.4
N828511		0.26	2.19	25.2	5.84	3390	1160	1.31	20.4	2.17	78.5	48.2	10.3	20	14.00	427
N828512		4.26	0.081	7.07	7.35	292	650	1.36	8.32	1.49	26.7	45.3	1.1	11	12.10	124.5
N828513		9.29	0.012	0.42	7.72	20.9	670	1.45	0.41	1.65	1.14	45.7	2.9	12	10.15	20.3
N828514		8.89	<0.005	0.18	7.09	26.2	1340	1.96	0.18	2.28	0.18	68.2	6.2	21	15.25	20.2
N828515		7.76	<0.005	0.12	7.13	26.3	1310	2.03	0.17	2.38	0.14	71.8	6.6	23	15.30	18.9
N828516		4.64	0.005	0.34	7.08	20.2	360	1.29	0.54	1.69	0.28	46.2	2.7	9	10.60	35.0
N828517		2.00	<0.005	0.32	7.12	19.7	290	1.30	0.60	1.53	0.27	49.9	3.1	10	10.15	34.6
N828518		4.20	0.148	0.85	7.00	862	1200	1.44	1.42	1.72	1.18	48.3	3.5	9	16.25	25.8
N828519		12.16	0.011	0.22	6.90	22.8	1580	1.52	0.40	2.52	0.25	47.4	3.7	13	10.75	3.1
N828520		10.96	0.466	2.97	6.57	1610	480	1.35	4.69	2.40	15.70	45.0	3.3	15	9.83	39.8
N828521		1.62	<0.005	0.02	0.07	5	20	<0.05	0.08	20.3	0.08	1.31	0.6	2	0.12	2.2
N828522		9.61	0.010	0.36	7.02	26.2	1020	1.54	0.57	2.33	1.07	47.0	3.0	15	10.40	16.7
N828523		7.28	<0.005	0.18	7.15	11.1	1050	1.41	0.21	2.63	0.57	43.8	3.1	12	10.90	6.8
N828524		6.63	0.010	0.31	7.13	25.2	280	1.34	0.41	3.82	0.58	37.4	1.5	13	8.41	5.5
N828525		12.18	<0.005	0.19	6.80	5.8	510	1.78	0.41	3.30	0.19	54.2	1.4	14	11.85	23.1
N828526		10.62	0.005	0.26	6.35	14.5	530	1.44	0.71	5.58	0.42	37.4	3.2	10	7.67	7.0
N828527		4.02	<0.005	0.12	6.99	6.3	770	1.40	0.42	2.60	0.37	38.0	3.7	12	7.70	9.4
N828528		10.58	0.259	7.15	6.67	294	650	1.28	7.88	1.44	9.42	52.1	11.7	15	11.00	330
N828529		12.52	0.017	0.67	7.12	44.1	660	1.61	0.87	2.36	1.88	55.0	12.0	14	9.88	22.7
N828530		6.67	0.182	3.36	6.75	410	770	1.63	4.55	0.74	8.57	59.3	9.9	18	12.70	90.3
N828531		4.04	0.045	0.92	7.17	85.9	1370	1.62	1.41	1.83	2.49	53.3	4.9	12	12.55	24.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147079

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828496		3.74	16.35	0.21	0.9	0.160	2.81	24.8	18.6	0.79	2110	3.50	0.24	7.1	2.3	540
N828497		4.12	14.15	0.09	1.1	0.176	2.61	24.9	20.4	0.73	1380	4.55	0.05	6.0	3.7	500
N828498		5.12	14.40	0.09	0.8	0.295	2.95	20.5	16.0	0.89	1430	1.73	0.07	4.5	2.5	510
N828499		5.50	14.75	0.09	1.0	1.030	2.91	25.6	20.4	0.80	1580	3.82	0.08	5.9	2.1	530
N828500		7.16	16.95	0.10	0.9	0.507	3.09	19.5	6.0	0.51	1730	2.41	0.06	5.5	2.8	490
N828501		0.46	0.18	<0.05	<0.1	0.006	0.03	0.6	0.9	12.60	209	0.08	<0.01	0.2	1.2	170
N828502		9.05	15.45	0.10	0.9	0.432	2.88	18.2	12.5	0.70	2010	3.15	0.05	5.5	3.2	490
N828503		4.35	15.80	0.08	1.0	0.505	3.13	16.9	19.1	0.78	1480	3.64	0.09	5.5	2.5	520
N828504		1.86	16.60	0.09	1.0	0.212	2.40	12.0	47.2	0.69	1080	1.33	0.33	6.1	2.3	560
N828505		2.42	15.90	0.08	1.1	0.086	1.61	16.1	25.1	0.70	662	1.38	1.22	6.4	2.3	550
N828506		5.22	15.30	0.08	1.4	0.932	2.73	24.7	25.1	0.69	1920	13.55	0.26	7.1	15.6	490
N828507		3.03	16.50	0.10	1.1	0.196	1.65	15.4	27.0	0.70	904	1.74	1.56	7.0	3.5	560
N828508		2.57	16.15	0.10	1.0	0.314	2.25	11.8	81.3	0.66	1240	10.20	0.45	7.0	2.0	570
N828509		2.65	15.95	0.09	1.0	0.425	2.25	12.9	100.0	0.68	1370	11.70	0.28	6.8	1.9	540
N828510		2.26	17.05	0.09	1.1	0.213	1.86	16.6	33.9	0.50	808	0.98	0.09	6.9	1.9	600
N828511		6.61	13.75	0.14	1.0	1.720	2.55	24.3	23.2	0.90	1820	13.40	0.05	5.4	15.3	430
N828512		4.54	15.90	0.11	1.0	0.379	2.77	18.0	19.9	0.77	1610	1.27	0.06	6.6	1.5	550
N828513		2.03	17.75	0.08	1.2	0.210	1.80	16.6	32.0	0.60	873	0.70	0.08	7.4	2.4	640
N828514		2.46	18.00	0.11	4.6	0.050	2.00	31.7	42.1	1.00	667	1.72	0.05	9.5	7.6	1100
N828515		2.56	18.75	0.10	5.0	0.040	2.09	32.2	57.9	1.07	624	1.80	0.05	9.8	8.5	1170
N828516		1.78	15.30	0.09	1.1	0.154	1.13	19.1	70.5	0.55	626	1.25	0.04	7.4	2.2	590
N828517		1.77	14.75	0.08	1.1	0.181	1.19	20.7	80.0	0.51	584	1.21	0.04	7.2	2.1	560
N828518		3.52	15.75	0.08	1.3	0.092	2.71	22.8	27.0	0.59	700	3.19	0.50	6.9	2.2	530
N828519		2.65	15.00	0.09	1.2	0.059	2.37	22.3	11.3	0.64	521	2.35	1.79	6.8	2.1	520
N828520		5.54	15.20	0.12	0.9	0.167	2.54	20.9	68.5	0.95	1260	2.75	0.08	5.7	2.2	480
N828521		0.47	0.20	<0.05	<0.1	0.006	0.02	0.7	1.1	12.60	203	0.11	0.01	0.2	1.5	160
N828522		2.85	15.70	0.09	1.1	0.182	1.95	20.1	23.2	0.76	985	1.87	1.62	7.1	2.2	560
N828523		2.40	15.30	0.09	1.1	0.068	1.56	18.8	29.0	0.90	547	2.11	1.78	7.7	2.1	570
N828524		1.70	14.95	0.09	1.0	0.093	0.64	13.4	34.4	0.95	602	1.49	1.82	7.2	1.8	580
N828525		1.39	16.50	0.09	1.0	0.098	0.83	22.5	26.3	0.59	510	0.75	2.01	7.2	1.6	560
N828526		1.42	14.55	0.07	0.8	0.197	0.93	14.3	34.8	0.84	903	0.39	0.51	5.9	1.6	1600
N828527		2.64	15.90	0.10	0.9	0.276	1.48	14.2	29.4	0.95	593	1.41	1.23	6.2	2.3	590
N828528		4.38	15.20	0.08	0.9	0.417	2.40	22.2	22.7	0.74	1120	2.66	0.06	5.6	2.8	490
N828529		3.36	14.85	0.08	1.3	0.128	2.18	27.7	104.0	0.91	1040	6.69	0.06	6.6	2.0	440
N828530		6.76	15.30	0.12	0.9	0.176	2.63	30.9	34.3	0.74	1860	2.92	0.03	5.9	2.5	480
N828531		4.17	15.55	0.09	1.1	0.167	2.92	25.7	30.8	0.69	1190	2.46	0.77	7.0	2.1	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147079

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828496		80.6	137.5	<0.002	0.60	11.55	10.0	1	2.9	99.9	0.54	<0.05	12.7	0.217	2.84	4.9
N828497		128.5	133.0	<0.002	1.97	24.3	8.8	<1	4.0	66.6	0.59	0.10	12.5	0.213	2.83	5.4
N828498		270	194.0	0.002	3.49	8.28	8.2	<1	4.6	50.0	0.45	0.09	12.5	0.158	2.91	4.1
N828499		349	185.5	<0.002	3.66	47.0	9.0	1	5.4	63.3	0.60	0.17	14.7	0.190	3.23	5.3
N828500		257	197.0	<0.002	3.92	35.1	9.3	<1	5.3	19.6	0.50	0.16	12.0	0.180	3.25	2.4
N828501		1.7	1.4	<0.002	0.01	0.16	0.2	<1	0.2	38.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N828502		111.0	180.5	<0.002	5.57	6.53	9.4	1	5.5	20.8	0.50	1.33	11.4	0.175	3.02	4.8
N828503		217	216	<0.002	2.09	16.95	9.3	<1	5.4	51.8	0.54	0.18	14.6	0.184	3.37	3.8
N828504		25.5	121.0	<0.002	0.24	6.33	9.4	<1	2.9	119.5	0.57	<0.05	11.6	0.195	2.46	4.0
N828505		12.0	72.5	<0.002	0.19	6.76	9.1	<1	2.1	218	0.64	<0.05	11.3	0.221	1.69	4.0
N828506		1295	164.5	<0.002	3.03	33.4	8.6	1	5.8	148.5	0.62	0.32	12.0	0.204	2.58	5.2
N828507		26.5	67.4	<0.002	0.25	7.93	9.9	1	2.9	255	0.61	0.06	11.6	0.225	1.38	4.5
N828508		474	103.0	<0.002	0.41	35.4	10.4	1	3.4	113.0	0.71	<0.05	13.0	0.249	2.46	3.9
N828509		389	109.0	0.002	0.42	35.3	10.0	1	3.9	98.8	0.67	0.07	12.9	0.236	2.43	3.9
N828510		136.0	105.5	<0.002	0.33	21.7	10.5	1	3.2	54.6	0.66	0.10	15.1	0.232	1.86	3.7
N828511		2730	158.0	0.002	4.72	87.5	7.6	1	7.7	89.2	0.51	0.43	11.2	0.174	2.42	5.6
N828512		1540	151.0	0.002	0.89	21.3	9.4	<1	5.3	42.9	0.66	0.05	15.8	0.231	2.91	3.2
N828513		45.4	103.0	<0.002	0.22	18.85	10.8	<1	3.5	61.0	0.67	0.06	15.3	0.241	1.80	3.7
N828514		15.2	62.4	0.002	0.06	14.20	5.9	1	1.7	163.5	0.75	<0.05	11.0	0.313	0.93	5.5
N828515		13.1	59.6	0.002	0.06	14.10	5.6	1	1.6	179.0	0.81	0.05	10.6	0.320	0.92	7.2
N828516		13.6	47.8	<0.002	0.27	24.2	9.4	<1	3.3	93.9	0.73	0.15	13.4	0.252	1.10	7.0
N828517		14.7	58.6	<0.002	0.32	20.9	9.4	<1	3.5	92.1	0.67	0.12	13.9	0.243	1.17	7.1
N828518		77.7	132.5	<0.002	1.22	12.65	9.2	1	4.9	128.5	0.72	0.15	14.8	0.225	2.16	4.6
N828519		28.1	97.3	<0.002	0.34	2.67	8.8	<1	2.0	279	0.73	0.07	15.3	0.217	1.37	4.4
N828520		323	162.5	0.002	3.55	9.17	9.1	1	4.7	80.3	0.54	0.28	13.3	0.190	2.41	4.8
N828521		1.7	1.2	<0.002	0.01	0.06	0.2	<1	0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828522		38.7	103.0	<0.002	0.28	5.73	9.7	<1	2.9	238	0.69	0.06	13.1	0.223	1.44	3.6
N828523		22.6	59.5	<0.002	0.07	4.45	9.8	1	1.8	281	0.70	<0.05	13.1	0.240	0.82	2.9
N828524		23.4	28.8	<0.002	0.34	4.17	9.7	1	2.7	313	0.74	0.13	14.3	0.237	0.62	3.3
N828525		14.9	63.6	<0.002	0.04	6.82	11.1	<1	2.3	341	0.73	0.07	20.3	0.233	0.80	5.0
N828526		20.5	30.0	<0.002	0.08	14.40	10.6	1	2.6	207	0.57	0.22	12.1	0.200	0.96	4.2
N828527		14.6	60.5	<0.002	0.11	5.80	8.9	<1	2.1	287	0.62	0.06	11.6	0.209	1.38	3.0
N828528		365	161.0	0.003	1.64	19.75	9.1	<1	4.0	79.3	0.56	0.13	14.3	0.172	2.18	4.6
N828529		80.5	135.0	<0.002	0.45	9.16	8.1	<1	3.5	157.0	0.75	<0.05	20.4	0.176	1.87	4.9
N828530		441	162.5	0.003	2.27	13.45	9.2	1	4.5	62.2	0.55	0.11	14.0	0.195	2.65	4.7
N828531		78.8	136.5	<0.002	0.84	5.01	9.7	<1	3.1	204	0.73	0.08	14.8	0.227	2.10	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147079

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828496		64	3.7	12.0	322	26.1
N828497		64	3.9	11.9	227	26.9
N828498		63	2.4	10.2	592	22.0
N828499		63	4.0	12.3	5740	26.0
N828500		69	4.0	7.4	975	23.2
N828501		1	0.1	0.7	19	<0.5
N828502		63	5.5	9.9	621	24.7
N828503		67	3.3	9.5	613	25.3
N828504		63	1.3	11.4	176	26.8
N828505		72	1.6	13.2	55	28.3
N828506		57	5.2	12.1	2950	39.0
N828507		73	1.4	13.6	102	31.3
N828508		69	2.5	13.1	1600	25.4
N828509		68	2.6	13.2	2240	23.7
N828510		63	4.8	13.7	755	28.4
N828511		55	5.4	10.0	5090	24.7
N828512		59	3.5	11.1	1970	24.5
N828513		67	2.0	15.5	133	35.0
N828514		58	1.8	12.4	81	164.5
N828515		56	2.4	11.7	80	180.0
N828516		72	2.0	13.3	53	31.6
N828517		70	2.1	13.7	50	30.2
N828518		62	3.8	12.3	121	32.6
N828519		61	2.0	14.6	45	30.3
N828520		56	4.2	11.4	933	23.8
N828521		1	0.1	0.8	16	<0.5
N828522		63	2.2	13.8	117	29.3
N828523		66	3.6	15.5	70	32.3
N828524		62	2.1	15.8	86	26.4
N828525		64	2.2	18.7	56	27.0
N828526		82	5.2	16.1	81	19.7
N828527		74	3.7	12.2	79	24.3
N828528		62	3.6	11.5	732	25.1
N828529		51	3.3	13.5	193	33.2
N828530		58	7.3	9.8	716	24.9
N828531		64	4.7	14.1	228	28.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-70

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147079

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147350

Project: Klaza-70

P.O. No.: Batch 4

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

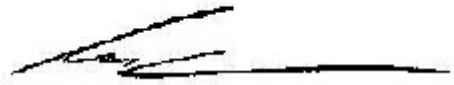
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147350

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828532		1.76	<0.005	0.01	0.06	11	20	0.10	0.01	20.8	0.08	1.02	1.0	<1	0.12	2.0
N828533		9.49	0.015	1.22	7.53	28.8	2080	1.77	1.45	2.86	19.20	45.9	6.9	7	20.8	40.1
N828534		0.22	2.33	26.7	6.11	3520	520	1.36	18.10	2.28	81.7	41.5	10.9	15	13.00	444
N828535		3.77	0.462	2.29	7.33	158.5	1120	1.62	1.92	2.59	6.21	42.8	19.1	5	15.10	22.8
N828536		3.60	<0.005	0.02	0.05	7	20	<0.05	0.02	21.4	0.15	1.11	1.1	<1	0.24	1.9
N828537		6.77	0.008	0.22	7.64	12.6	1990	1.61	0.21	2.63	0.63	47.2	7.2	5	11.45	4.4
N828538		<0.02	0.005	0.21	7.52	11.2	1990	1.56	0.19	2.63	0.54	42.4	6.8	5	11.45	5.1
N828539		6.79	<0.005	0.15	7.36	8.4	2120	1.57	0.11	2.61	0.14	39.8	6.8	6	10.30	16.7
N828540		0.23	0.768	10.05	6.94	1920	230	1.52	5.90	1.99	43.4	42.9	16.5	18	17.05	105.0
N828541		10.65	<0.005	0.08	6.69	15.8	2120	2.06	0.07	3.21	0.12	55.4	6.2	18	15.30	6.1
N828542		3.23	<0.005	0.12	6.86	15.7	2020	2.01	0.07	3.18	0.12	57.5	6.6	17	15.70	9.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828532		0.48	0.23	0.05	<0.1	<0.005	0.02	0.5	0.9	12.80	211	0.12	<0.01	0.3	2.2	170
N828533		3.24	16.40	0.14	1.2	0.480	2.94	23.6	22.9	0.51	598	1.43	1.87	7.4	2.6	570
N828534		6.98	15.10	0.19	1.0	1.630	2.69	22.6	22.1	0.93	1920	13.75	0.04	5.7	15.7	440
N828535		4.31	16.05	0.15	1.1	0.085	2.84	21.8	32.2	0.47	621	1.96	1.31	7.2	2.8	550
N828536		0.48	0.25	<0.05	<0.1	0.007	0.03	0.5	0.9	12.95	211	0.13	<0.01	0.3	1.9	170
N828537		2.99	16.90	0.15	1.3	0.050	2.78	24.2	31.7	0.56	487	1.98	1.51	7.7	2.8	570
N828538		2.97	16.85	0.14	1.3	0.049	2.79	21.7	30.2	0.57	487	1.85	1.50	7.5	2.8	560
N828539		2.84	16.80	0.13	1.4	0.038	2.79	19.9	52.5	0.53	442	1.49	1.38	8.1	3.1	580
N828540		5.60	15.50	0.18	1.4	0.883	2.97	22.2	23.2	0.73	2060	12.10	0.26	6.8	15.9	510
N828541		2.47	18.15	0.14	4.4	0.027	2.06	27.4	33.7	1.12	494	0.97	0.80	9.7	7.1	1300
N828542		2.52	18.90	0.14	4.3	0.031	2.07	28.6	41.5	1.08	501	0.96	0.84	10.1	7.4	1280

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828532		1.2	0.8	<0.002	0.01	0.08	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828533		38.0	112.5	<0.002	0.42	2.86	9.9	1	1.5	363	0.67	0.05	11.5	0.243	0.96	5.0
N828534		2820	159.5	0.002	4.88	92.9	7.6	2	7.2	92.9	0.46	0.34	9.0	0.185	2.16	5.4
N828535		333	117.0	<0.002	1.89	6.70	9.8	2	1.9	293	0.64	0.71	11.4	0.231	0.99	4.3
N828536		1.8	1.4	<0.002	0.01	0.06	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N828537		20.9	103.5	<0.002	0.14	2.79	10.5	1	1.5	320	0.70	0.06	12.0	0.245	0.81	4.9
N828538		20.4	97.7	<0.002	0.14	2.81	10.0	1	1.5	318	0.67	0.05	11.2	0.249	0.85	4.5
N828539		16.9	92.0	<0.002	0.03	4.51	10.1	1	1.3	328	0.76	<0.05	10.3	0.248	0.76	4.8
N828540		1360	163.0	<0.002	3.17	31.8	8.3	1	5.4	154.0	0.58	0.24	10.1	0.214	2.29	5.4
N828541		12.3	58.1	<0.002	0.05	5.14	5.7	1	1.1	295	0.65	<0.05	5.9	0.332	0.59	3.5
N828542		11.1	60.6	<0.002	0.05	6.00	6.1	1	1.2	289	0.66	<0.05	6.4	0.334	0.63	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12147350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828532		1	0.1	0.7	18	<0.5
N828533		68	5.1	17.3	1220	33.3
N828534		56	4.9	9.2	5520	27.0
N828535		65	4.1	16.7	539	31.9
N828536		1	0.1	0.8	22	<0.5
N828537		69	7.2	16.9	89	35.2
N828538		70	7.2	15.8	82	34.9
N828539		67	12.1	15.2	42	39.4
N828540		60	4.8	10.6	3150	40.7
N828541		60	1.9	11.1	61	171.0
N828542		60	1.8	11.4	60	168.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-70

Finalized Date: 16-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147350

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147351

Project: Klaza-71

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

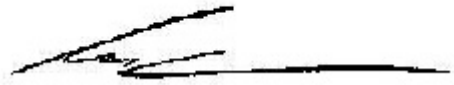
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147351

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828543		12.80	0.019	0.59	7.48	66.4	1870	1.64	0.89	2.15	2.20	51.4	6.8	10	19.45	23.2
N828544		4.23	0.122	4.87	6.91	195.0	620	1.41	3.07	1.11	21.4	55.2	7.0	10	15.15	50.7
N828545		4.57	0.055	5.52	7.07	108.5	930	1.53	1.30	1.21	41.5	54.8	6.8	8	20.8	76.9
N828546		5.25	<0.005	0.49	6.95	26.3	1720	1.68	0.15	2.42	3.42	42.8	7.3	9	22.7	13.4
N828547		7.14	<0.005	<0.01	5.59	13.6	230	3.44	0.79	1.21	0.36	11.65	0.4	2	15.85	1.5
N828548		4.13	<0.005	0.01	5.75	13.1	80	3.41	0.33	0.90	0.10	13.20	0.3	2	18.50	1.0
N828549		11.01	0.014	0.47	6.59	82.3	1830	2.14	0.38	2.43	2.50	39.9	6.6	8	26.5	19.7
N828550		<0.02	0.015	0.54	6.65	84.9	1800	2.16	0.40	2.50	2.49	39.5	6.7	10	26.9	20.7
N828551		4.20	0.042	1.10	6.64	325	1240	1.60	0.83	2.11	6.23	55.5	10.1	7	13.70	37.1
N828552		6.33	<0.005	0.19	7.07	39.9	1150	1.79	0.18	2.25	0.80	48.6	12.8	9	22.8	10.2
N828553		4.01	0.213	1.00	6.52	461	1590	1.45	0.25	2.41	10.55	47.3	6.7	8	20.2	17.5
N828554		4.18	0.047	1.02	7.20	103.0	980	1.64	1.23	1.39	11.55	56.6	6.5	9	19.60	24.4
N828555		5.25	0.053	2.35	6.51	117.0	690	1.42	3.06	0.56	12.35	58.4	6.0	9	9.24	31.2
N828556		4.26	<0.005	0.20	6.76	22.4	1720	1.45	0.27	1.68	0.54	43.1	5.1	8	17.95	8.7
N828557		11.17	0.008	0.66	6.56	112.5	1190	1.60	0.28	2.30	3.35	38.9	6.7	8	17.30	9.7
N828558		4.98	0.046	1.12	7.19	1205	840	1.52	1.32	1.33	14.45	55.5	8.2	9	12.40	38.3
N828559		1.84	0.039	1.53	7.14	888	970	1.66	1.82	1.41	20.3	55.8	11.1	8	12.25	45.8
N828560		4.33	0.020	0.81	7.27	444	1040	1.59	0.76	1.29	5.08	57.5	5.1	8	18.00	32.4
N828561		0.29	4.51	>100	5.04	8040	760	1.13	54.9	1.86	210	34.6	8.9	18	10.90	1225
N828562		3.56	0.899	20.0	6.37	271	640	1.87	24.5	1.63	57.7	55.9	11.8	12	17.55	546
N828563		4.73	0.013	0.74	6.77	32.8	740	2.16	0.91	2.14	3.48	58.0	7.1	27	17.95	27.8
N828564		7.43	0.006	0.08	5.29	25.5	1010	1.55	0.13	2.54	0.25	45.2	3.6	14	23.3	7.5
N828565		8.45	<0.005	0.02	5.99	18.3	780	1.86	0.04	2.11	0.12	48.3	4.8	15	28.0	5.4
N828566		11.29	<0.005	0.02	6.51	11.2	720	1.78	0.03	3.01	0.13	53.3	4.6	12	25.5	4.6
N828567		11.19	<0.005	0.15	6.58	15.6	1800	1.84	0.03	3.10	0.41	55.6	4.7	12	24.1	9.5
N828568		9.81	<0.005	0.02	6.72	8.6	610	1.90	0.03	2.14	0.08	50.2	5.2	13	24.4	8.7
N828569		12.96	<0.005	<0.01	6.24	10.2	830	1.99	0.03	2.21	0.11	47.9	5.9	14	25.3	6.5
N828570		5.71	<0.005	<0.01	6.46	9.0	860	2.02	0.04	2.36	0.12	50.1	6.4	18	29.0	7.3
N828571		0.30	0.556	9.39	6.19	1785	260	1.46	5.53	1.82	38.8	43.3	16.9	21	15.70	107.0
N828572		9.54	0.006	0.14	6.56	21.9	990	1.91	0.12	2.88	0.29	54.2	5.7	22	27.3	11.8
N828573		6.21	3.03	28.0	6.11	747	230	1.59	43.4	0.29	28.5	57.2	15.2	10	14.65	417
N828574		4.11	<0.005	0.04	0.09	<5	20	0.07	0.07	20.2	0.08	1.30	1.5	1	0.62	2.4
N828575		3.32	0.034	0.86	7.12	86.5	640	1.59	1.00	1.34	5.97	59.3	7.4	9	23.2	34.8
N828576		3.55	1.600	4.11	5.70	5780	530	1.29	5.81	1.13	22.7	53.5	14.5	8	11.70	52.0
N828577		3.38	<0.005	0.02	0.13	7	20	0.07	0.22	20.2	0.10	1.50	1.9	2	0.33	3.7
N828578		6.24	0.468	3.24	6.37	876	600	1.66	1.91	1.86	15.10	43.7	6.0	7	19.40	37.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828543		3.51	16.40	0.08	1.5	0.117	2.81	23.6	32.8	0.58	797	1.93	1.09	7.5	2.4	590
N828544		5.20	16.15	0.14	1.3	0.905	3.06	29.7	7.5	0.61	1050	2.43	0.08	8.2	2.7	510
N828545		5.20	16.75	0.15	1.3	1.435	3.01	29.6	34.9	0.74	1940	1.78	0.04	7.9	2.6	540
N828546		3.18	16.85	0.17	1.3	0.110	3.07	20.4	23.5	0.60	862	2.44	0.98	8.9	2.6	550
N828547		0.63	20.3	0.06	3.0	0.034	1.91	4.7	82.9	0.16	455	0.30	0.03	25.8	0.5	20
N828548		0.55	20.2	0.07	3.0	0.019	1.77	5.5	83.6	0.12	283	0.35	0.03	25.2	0.3	20
N828549		3.12	17.10	0.19	1.3	0.115	2.97	18.5	41.0	0.54	947	2.93	1.15	9.3	2.2	590
N828550		3.24	17.40	0.18	1.3	0.119	3.02	18.3	41.7	0.56	991	2.76	1.12	9.6	2.4	600
N828551		4.17	15.35	0.18	1.1	0.334	2.99	29.8	9.3	0.90	1810	2.28	0.04	6.5	2.5	460
N828552		3.31	16.85	0.21	1.2	0.092	3.32	25.0	32.3	0.65	1240	2.10	0.25	7.7	2.6	540
N828553		4.46	16.20	0.19	1.3	0.400	2.94	24.4	25.9	0.88	2530	2.11	0.05	7.6	2.4	490
N828554		4.35	17.50	0.20	1.2	0.424	3.11	30.6	23.3	0.70	1240	1.88	0.05	7.9	2.5	520
N828555		5.09	17.00	0.19	1.1	0.434	3.31	31.5	7.0	0.55	1020	2.66	0.03	7.0	2.4	490
N828556		2.93	17.95	0.20	1.2	0.073	3.13	21.0	25.2	0.54	717	2.72	0.17	7.9	2.2	530
N828557		3.55	17.85	0.20	1.1	0.117	2.74	18.3	60.4	0.55	1160	3.20	0.09	7.8	2.6	540
N828558		4.29	17.95	0.20	1.1	0.426	3.00	30.4	53.4	0.68	993	5.35	0.04	7.2	2.5	560
N828559		4.85	17.50	0.21	1.0	0.532	3.24	30.0	23.7	0.86	1310	4.86	0.04	7.0	2.8	580
N828560		3.99	18.70	0.21	1.2	0.211	3.12	30.7	37.9	0.71	1100	1.84	0.06	7.8	2.4	530
N828561		7.86	13.05	0.16	1.0	4.30	2.21	17.5	28.3	0.60	2820	15.00	0.07	5.6	14.4	420
N828562		5.14	17.20	0.16	1.8	1.170	2.48	30.7	27.7	0.79	1340	6.71	0.05	7.1	10.4	500
N828563		2.29	20.2	0.19	3.8	0.064	2.01	29.4	85.7	0.80	612	10.45	0.03	9.1	24.1	610
N828564		1.82	15.75	0.19	1.8	0.021	1.94	22.3	38.8	0.61	551	3.39	0.03	7.1	8.7	490
N828565		1.97	17.90	0.18	1.9	0.023	2.22	23.3	38.6	0.63	564	1.19	0.03	8.1	8.3	650
N828566		2.49	18.10	0.20	1.6	0.025	2.40	26.3	35.4	0.92	1080	0.54	0.03	8.3	5.7	720
N828567		2.52	18.60	0.21	1.7	0.028	2.32	27.2	33.0	0.95	1020	0.97	0.03	8.6	5.3	730
N828568		2.29	19.80	0.17	1.7	0.028	2.42	23.4	26.1	0.63	724	0.37	0.03	9.0	5.4	780
N828569		2.16	19.40	0.17	1.8	0.025	2.50	22.3	32.6	0.62	712	0.70	0.03	8.7	8.8	710
N828570		2.29	20.0	0.21	2.2	0.027	2.68	23.6	31.9	0.69	632	0.39	0.04	8.9	11.1	720
N828571		5.09	15.65	0.17	1.3	0.846	2.70	21.9	22.3	0.66	1810	12.50	0.25	7.5	16.6	460
N828572		2.30	19.55	0.21	2.8	0.028	2.62	26.2	36.3	0.89	857	1.67	0.04	9.1	14.2	680
N828573		5.81	15.70	0.16	1.3	1.020	2.86	32.0	14.8	0.42	836	19.05	0.04	6.2	6.2	440
N828574		0.47	0.47	0.28	<0.1	0.005	0.04	0.6	1.2	12.00	199	0.12	<0.01	0.5	2.3	180
N828575		3.73	17.25	0.18	1.2	0.294	2.74	32.6	37.3	0.66	1520	6.94	0.03	7.8	3.2	570
N828576		6.15	15.45	0.15	1.2	0.684	2.50	30.1	12.5	0.56	1420	29.0	0.04	5.6	3.4	390
N828577		0.48	0.55	0.27	<0.1	0.005	0.05	0.7	1.3	12.05	199	0.17	<0.01	0.6	3.2	180
N828578		4.39	15.85	0.15	1.1	0.366	2.69	24.7	18.0	0.71	2050	16.30	0.03	7.1	3.6	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828543		71.6	129.5	<0.002	0.57	9.72	10.0	1	3.0	215	0.77	<0.05	13.8	0.250	1.65	3.3
N828544		1170	189.0	<0.002	3.36	8.09	10.2	1	11.5	49.2	0.63	0.21	14.8	0.212	2.38	4.9
N828545		1455	179.0	<0.002	1.27	12.50	10.5	1	8.3	65.8	0.61	<0.05	15.8	0.228	2.49	5.2
N828546		183.5	141.0	<0.002	0.11	5.91	10.5	1	2.2	199.0	0.69	<0.05	13.3	0.242	1.92	3.7
N828547		44.6	118.5	<0.002	0.01	4.50	2.8	1	3.0	109.5	2.48	<0.05	15.9	0.034	1.08	5.4
N828548		36.3	126.0	<0.002	0.01	5.28	2.7	1	3.0	72.0	2.48	<0.05	18.8	0.032	1.07	5.2
N828549		97.2	140.5	<0.002	0.19	6.42	11.2	1	2.7	251	0.63	<0.05	11.8	0.253	1.75	3.9
N828550		97.7	139.0	<0.002	0.22	6.79	10.9	1	2.7	248	0.66	<0.05	11.5	0.262	1.80	3.9
N828551		227	198.0	<0.002	1.00	7.89	9.1	1	5.6	77.3	0.53	<0.05	14.8	0.168	2.46	7.2
N828552		35.4	175.5	<0.002	0.12	7.93	10.4	1	2.9	110.5	0.56	<0.05	12.3	0.230	2.47	4.5
N828553		148.5	140.5	<0.002	1.47	13.80	9.7	1	3.8	99.6	0.61	<0.05	13.7	0.214	2.45	5.2
N828554		111.0	186.5	<0.002	1.77	9.81	10.8	2	3.3	76.9	0.63	0.15	16.0	0.225	2.51	5.4
N828555		240	204	<0.002	2.76	4.35	10.0	1	8.2	24.0	0.54	0.29	14.1	0.209	2.66	5.9
N828556		29.9	143.5	<0.002	0.12	9.70	10.6	1	2.0	109.0	0.61	<0.05	12.0	0.223	1.82	3.4
N828557		210	114.0	<0.002	0.24	14.75	10.6	1	3.7	122.0	0.60	<0.05	11.9	0.226	1.79	4.6
N828558		212	181.5	<0.002	1.53	11.10	11.6	1	8.4	89.7	0.56	0.10	15.0	0.221	2.04	4.8
N828559		311	197.0	<0.002	1.60	8.87	11.8	1	8.4	86.4	0.51	0.11	14.1	0.205	2.31	4.4
N828560		123.0	176.0	<0.002	1.14	9.93	11.2	2	5.8	131.0	0.65	0.05	16.3	0.221	2.04	5.0
N828561		9240	127.0	<0.002	6.68	203	7.2	3	8.2	115.5	0.40	0.43	9.1	0.175	2.06	5.3
N828562		936	134.5	<0.002	2.92	73.0	8.8	2	4.8	200	0.54	0.26	13.2	0.194	1.78	9.4
N828563		103.5	88.0	<0.002	0.16	22.4	6.5	1	1.8	342	0.69	<0.05	11.8	0.228	1.11	14.6
N828564		23.7	76.7	<0.002	0.03	41.7	4.8	1	0.9	141.0	0.50	<0.05	8.0	0.194	0.87	6.3
N828565		13.6	78.7	<0.002	0.02	21.7	5.7	1	1.2	145.5	0.58	<0.05	8.4	0.232	0.94	3.9
N828566		10.5	90.9	<0.002	0.04	14.15	6.3	1	1.0	125.5	0.57	<0.05	9.1	0.240	1.01	5.3
N828567		27.7	85.8	<0.002	0.05	12.70	6.3	1	1.2	133.0	0.61	<0.05	9.5	0.244	0.94	5.2
N828568		14.9	85.3	<0.002	0.01	11.70	6.2	1	1.7	113.0	0.64	<0.05	8.5	0.259	1.04	4.1
N828569		12.7	82.9	<0.002	0.02	11.85	6.2	1	1.4	120.5	0.62	<0.05	8.1	0.246	1.10	4.1
N828570		10.3	90.4	<0.002	0.03	7.16	6.0	1	1.6	138.0	0.65	<0.05	8.7	0.256	1.24	2.7
N828571		1295	147.5	0.002	2.93	31.6	8.9	2	5.7	142.0	0.56	0.26	11.7	0.197	2.31	5.0
N828572		19.4	86.5	<0.002	0.07	8.87	6.3	1	1.6	183.0	0.64	<0.05	9.6	0.254	1.33	6.1
N828573		594	179.0	<0.002	4.13	113.5	8.8	2	7.0	28.5	0.46	0.46	11.2	0.194	2.36	6.1
N828574		2.0	3.0	<0.002	0.01	0.22	0.2	1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N828575		83.2	159.5	<0.002	0.98	30.5	11.3	1	2.5	77.1	0.60	0.15	14.6	0.244	2.57	6.3
N828576		311	172.0	<0.002	5.16	60.8	7.8	2	4.6	40.6	0.53	0.38	13.5	0.156	2.76	4.6
N828577		2.0	2.8	<0.002	0.03	0.18	0.3	1	<0.2	43.5	<0.05	<0.05	<0.2	0.005	0.02	0.5
N828578		277	171.0	<0.002	3.39	41.9	9.5	1	3.6	86.8	0.51	0.05	12.0	0.211	3.22	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N828543		68	3.8	15.8	261	36.6		
N828544		61	6.2	11.1	1480	37.1		
N828545		63	5.0	12.1	2590	37.1		
N828546		66	2.9	14.1	311	37.9		
N828547		1	1.5	9.9	71	52.4		
N828548		1	1.8	9.3	45	48.5		
N828549		72	3.1	14.3	256	38.2		
N828550		73	3.3	14.3	260	38.8		
N828551		51	4.2	12.8	572	29.9		
N828552		62	3.7	14.8	131	33.8		
N828553		58	5.1	12.8	817	35.7		
N828554		62	4.6	12.7	931	33.2		
N828555		61	7.6	8.2	1040	31.4		
N828556		63	2.6	12.8	114	35.1		
N828557		64	3.6	12.1	342	33.6		
N828558		64	4.9	11.8	1250	31.6		
N828559		66	4.9	12.6	1660	29.6		
N828560		64	4.8	12.9	520	34.8		
N828561		51	4.2	8.8	>10000	31.0	118	1.595
N828562		52	3.4	12.6	4020	61.3		
N828563		45	1.6	11.6	306	139.0		
N828564		40	3.0	10.5	66	61.0		
N828565		46	3.7	10.5	62	57.1		
N828566		47	2.5	11.1	62	44.0		
N828567		50	2.3	12.2	84	46.3		
N828568		49	2.1	10.0	57	46.7		
N828569		50	2.1	9.9	63	55.2		
N828570		46	2.4	10.4	63	68.0		
N828571		55	4.9	10.9	2890	37.9		
N828572		47	2.5	11.2	74	98.0		
N828573		61	3.7	9.7	2090	42.6		
N828574		2	<0.1	0.8	19	0.6		
N828575		68	4.3	13.9	508	32.8		
N828576		53	4.6	10.4	1780	33.8		
N828577		3	0.1	0.9	19	<0.5		
N828578		59	6.8	13.0	1060	33.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-71

Finalized Date: 14-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147351

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147827

Project: Klaza-69

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

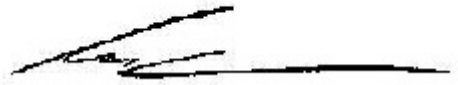
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147827

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829410		3.00	0.009	0.43	7.04	94.2	1620	1.46	0.09	2.42	0.81	44.7	9.7	12	16.25	33.6
N829411		2.64	<0.005	0.12	7.77	15.0	2290	1.38	0.11	2.61	0.13	43.3	8.8	17	12.90	8.6
N829412		4.11	0.009	0.27	7.50	42.8	1800	1.43	0.12	2.78	0.47	44.2	9.0	16	14.25	13.1
N829413		5.37	<0.005	0.26	7.67	25.2	1820	1.41	0.19	1.78	0.64	42.9	8.0	15	16.55	9.7
N829414		0.30	4.46	>100	5.68	8570	290	1.23	63.6	2.04	234	30.4	9.0	17	10.95	1320
N829415		2.10	0.052	3.06	5.99	133.5	710	1.24	1.40	2.77	12.50	33.0	15.1	9	13.05	83.1
N829416		2.36	0.015	0.97	7.40	76.3	860	1.45	0.19	3.09	0.53	52.9	7.8	12	14.55	22.2
N829417		4.45	<0.005	0.10	7.61	9.9	1620	1.42	0.07	1.08	0.20	45.8	7.2	12	20.4	5.7
N829418		2.59	0.007	0.62	6.92	46.3	1000	1.36	0.10	2.85	1.51	44.2	8.6	12	20.1	19.6
N829419		4.78	<0.005	0.01	0.11	11	20	0.07	0.02	21.2	0.09	1.43	1.0	3	0.22	1.8
N829420		5.19	<0.005	0.11	7.42	9.4	2430	1.39	0.10	3.14	0.11	42.0	7.9	16	20.1	6.8
N829421		2.40	<0.005	0.14	7.51	7.8	2110	1.38	0.13	2.64	0.10	41.7	8.4	11	14.30	13.1
N829422		2.32	<0.005	0.09	8.24	4.5	2170	1.52	0.07	2.92	0.10	50.6	9.2	11	10.35	7.5
N829423		2.93	<0.005	0.24	7.55	15.9	1970	1.50	0.09	2.84	0.19	42.8	8.7	14	15.65	17.6
N829424		5.52	0.007	0.39	7.49	58.9	1860	1.42	0.09	2.82	0.39	40.6	9.0	12	15.85	19.0
N829425		4.58	<0.005	0.13	7.91	8.0	2100	1.39	0.10	2.94	0.11	43.4	8.6	12	9.59	7.8
N829426		2.46	0.005	3.31	7.67	32.5	1940	1.41	0.13	2.71	3.16	49.3	8.5	11	12.65	31.3
N829427		1.26	<0.005	3.91	7.71	30.7	1960	1.42	0.11	2.72	3.30	46.1	8.6	13	12.50	36.4
N829428		4.55	<0.005	0.16	7.82	7.6	2100	1.66	0.14	2.98	0.20	45.4	9.3	12	9.51	7.6
N829429		2.41	<0.005	0.20	7.49	8.3	1600	1.38	0.10	2.66	0.12	40.9	8.9	14	18.25	11.0
N829430		<0.02	<0.005	0.20	7.20	9.6	1570	1.36	0.11	2.65	0.14	37.3	9.2	12	17.40	11.2
N829431		3.08	<0.005	0.15	7.97	5.5	2160	1.57	0.12	3.05	0.12	46.4	9.6	13	11.05	7.4
N829432		3.59	<0.005	0.18	7.89	6.6	2070	1.54	0.16	2.47	0.12	50.8	10.0	10	17.30	7.1
N829433		0.30	2.34	27.1	6.17	3350	140	1.26	18.40	2.17	79.4	42.5	11.4	20	13.90	431
N829434		2.28	0.011	1.69	6.81	117.0	3310	1.27	0.23	5.11	1.92	48.6	8.0	10	17.80	22.1
N829435		6.44	<0.005	0.23	7.58	9.9	1970	1.50	0.18	2.58	0.15	45.5	9.3	12	14.35	7.9
N829436		2.85	0.007	2.21	7.72	58.0	1860	1.49	0.31	3.53	0.84	46.8	13.8	57	11.85	28.1
N829437		6.23	0.005	0.34	7.70	71.8	2020	1.53	0.15	3.05	0.54	42.7	10.0	11	10.65	11.2
N829438		3.82	0.008	0.64	7.52	143.5	2440	1.54	0.13	2.82	0.90	45.3	11.9	10	28.3	24.5
N829439		3.76	0.032	1.46	7.30	381	1750	1.32	0.18	2.51	2.70	42.7	8.9	10	16.55	25.7
N829440		1.63	<0.005	0.04	0.12	<5	30	0.05	0.04	19.90	0.07	1.41	1.3	2	0.43	8.0
N829441		6.80	<0.005	0.15	8.00	5.9	2160	1.40	0.19	3.06	0.16	51.2	9.0	14	12.25	6.3
N829442		6.54	0.021	0.17	7.83	170.0	2190	1.36	0.23	3.23	0.24	48.3	9.4	13	11.15	4.7
N829443		6.92	<0.005	0.10	7.79	4.0	2200	1.24	0.28	3.03	0.13	45.1	8.7	11	8.23	3.6
N829444		3.91	<0.005	0.25	7.66	6.2	2100	1.39	0.17	3.03	0.59	44.5	8.8	13	15.70	5.6
N829445		4.87	0.015	0.41	7.41	85.3	1680	1.28	0.27	2.43	0.40	40.1	8.7	12	17.75	21.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147827

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829410		3.09	17.20	0.05	1.2	0.061	2.96	21.7	31.5	0.70	2300	1.27	0.82	8.2	3.4	630
N829411		3.38	17.45	0.11	1.2	0.043	2.55	20.6	16.3	0.86	832	1.42	1.78	8.2	3.0	660
N829412		3.55	17.50	0.10	1.1	0.085	3.00	21.2	17.9	0.78	2170	1.53	1.05	8.1	2.7	620
N829413		2.95	18.40	0.09	1.2	0.071	2.82	20.7	36.4	0.63	1040	1.52	0.11	8.4	2.6	640
N829414		8.70	11.90	0.17	1.1	4.54	2.36	17.5	30.0	0.66	3170	12.95	0.09	5.5	13.1	470
N829415		4.42	12.95	<0.05	1.2	0.387	2.11	17.6	31.5	0.99	2430	1.15	0.04	6.2	3.3	360
N829416		3.16	16.45	0.09	1.1	0.051	2.85	28.4	35.2	1.09	5420	1.09	0.05	7.6	2.4	560
N829417		2.90	18.80	0.09	1.4	0.044	2.44	22.9	56.6	0.44	840	1.20	0.07	9.3	2.5	650
N829418		2.99	15.85	0.10	1.0	0.047	2.40	23.1	109.5	0.97	1900	1.29	0.04	7.1	2.8	570
N829419		0.48	0.36	0.09	<0.1	0.006	0.04	0.7	1.3	12.85	223	0.20	<0.01	0.3	1.2	180
N829420		3.05	17.25	0.08	1.7	0.037	2.47	19.7	37.0	0.78	721	2.34	1.22	8.8	2.9	720
N829421		3.32	17.20	0.09	1.1	0.047	2.61	19.5	15.0	0.85	973	6.51	1.82	8.1	2.5	630
N829422		3.37	18.15	0.11	1.3	0.038	2.62	24.6	11.9	0.95	879	3.78	2.29	8.7	2.8	670
N829423		3.27	17.60	0.10	1.3	0.051	2.77	19.9	17.8	0.80	1380	2.28	1.48	8.2	2.6	630
N829424		3.32	18.00	0.13	1.3	0.053	2.66	18.8	18.1	0.80	1520	3.41	1.75	8.3	2.9	610
N829425		3.23	18.10	0.13	1.2	0.048	2.66	20.5	11.3	0.82	1120	1.35	2.04	8.3	2.7	630
N829426		3.35	17.40	0.12	1.2	0.071	2.77	24.2	18.9	0.82	2480	1.52	1.59	8.2	2.6	620
N829427		3.31	18.30	0.09	1.2	0.063	2.83	21.9	25.6	0.85	2230	2.87	1.58	8.4	2.7	640
N829428		3.41	18.50	0.11	1.4	0.046	2.64	20.7	16.7	0.91	1200	2.30	2.06	8.7	2.7	640
N829429		3.04	18.10	0.10	1.3	0.043	2.68	19.3	27.8	0.86	1140	2.31	0.54	8.6	2.5	640
N829430		3.01	17.90	0.10	1.3	0.043	2.67	17.1	27.6	0.84	1150	1.75	0.53	8.3	2.6	630
N829431		3.31	18.40	0.11	1.3	0.042	2.43	22.5	15.8	0.89	852	1.56	1.97	8.5	2.8	690
N829432		3.25	17.80	0.14	1.4	0.040	2.51	25.7	20.5	0.82	766	2.14	1.70	8.7	2.7	660
N829433		6.64	15.15	0.11	0.9	1.680	2.55	21.8	24.1	0.89	1930	13.25	0.04	6.0	16.0	450
N829434		3.35	14.70	0.10	1.1	0.085	2.53	26.2	45.8	1.08	5200	1.53	0.06	6.8	2.7	490
N829435		3.09	17.75	0.11	1.4	0.041	2.56	21.6	28.5	0.80	968	2.26	1.67	8.5	2.9	620
N829436		4.41	18.20	0.12	1.4	0.075	2.54	21.3	14.5	1.42	6290	2.42	1.73	9.1	19.7	780
N829437		3.53	18.40	0.10	1.3	0.063	2.66	19.4	15.6	0.89	2340	1.22	1.93	9.0	3.0	670
N829438		2.92	17.80	0.11	1.2	0.045	2.65	22.2	74.2	0.82	2550	1.04	0.29	8.0	2.4	640
N829439		3.78	17.10	0.16	1.2	0.107	3.19	21.6	18.5	0.74	4490	1.07	0.62	8.5	3.1	610
N829440		0.46	0.44	0.15	0.1	<0.005	0.05	0.7	1.3	12.20	221	0.10	0.01	0.4	2.5	150
N829441		3.43	17.75	0.19	1.3	0.036	2.69	25.9	16.6	0.94	1000	1.30	2.05	9.1	3.1	660
N829442		3.49	17.65	0.19	1.4	0.038	2.70	23.6	13.7	0.94	1200	1.24	2.04	9.1	3.2	690
N829443		3.34	17.00	0.18	1.3	0.031	2.53	22.3	12.7	0.92	826	1.12	2.32	8.9	3.1	650
N829444		3.40	17.20	0.18	1.4	0.046	2.59	22.2	10.5	0.87	867	1.23	2.19	9.0	3.1	650
N829445		3.57	16.70	0.17	1.3	0.076	3.17	20.3	21.8	0.82	2350	1.01	0.26	8.5	3.0	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147827

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829410		41.2	129.0	<0.002	0.22	15.00	11.2	1	2.4	215	0.64	<0.05	10.2	0.271	1.79	4.0
N829411		23.3	97.2	<0.002	0.03	3.17	12.8	1	1.6	410	0.64	<0.05	12.0	0.273	1.07	2.6
N829412		48.0	140.5	<0.002	0.21	6.10	12.2	1	1.7	264	0.63	<0.05	11.9	0.268	1.90	4.3
N829413		44.3	119.5	<0.002	0.16	16.90	12.3	1	1.6	126.5	0.67	<0.05	12.6	0.275	1.61	2.9
N829414		9890	123.5	0.002	7.56	226	7.1	2	8.7	116.0	0.49	0.50	10.4	0.189	2.42	6.6
N829415		799	132.5	<0.002	2.05	46.4	7.6	1	1.5	68.1	0.64	0.06	14.2	0.157	1.54	5.2
N829416		364	179.5	<0.002	0.37	38.2	11.5	1	1.7	110.0	0.60	<0.05	14.3	0.241	2.24	6.7
N829417		21.5	99.9	<0.002	0.02	22.8	12.8	1	1.7	92.2	0.72	<0.05	13.1	0.280	1.10	2.5
N829418		69.4	124.5	<0.002	0.33	33.9	11.2	1	1.4	144.0	0.54	<0.05	12.0	0.236	1.93	11.3
N829419		2.4	1.6	<0.002	<0.01	0.11	0.3	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829420		20.4	86.1	<0.002	0.03	7.49	10.8	1	1.4	320	0.69	<0.05	11.1	0.276	1.23	3.6
N829421		18.9	104.0	0.002	0.08	3.92	11.6	1	1.5	345	0.64	<0.05	11.4	0.276	1.29	3.2
N829422		19.7	101.0	<0.002	0.01	1.83	13.1	1	1.5	421	0.68	<0.05	14.0	0.297	1.06	4.1
N829423		28.1	114.5	<0.002	0.14	5.54	11.9	1	1.4	308	0.64	<0.05	11.4	0.271	1.58	4.5
N829424		35.7	107.0	<0.002	0.19	6.84	11.9	1	1.5	349	0.66	<0.05	11.9	0.269	1.33	4.1
N829425		22.7	101.5	<0.002	0.05	2.43	11.6	1	1.5	385	0.66	<0.05	12.0	0.268	1.19	3.9
N829426		503	119.0	<0.002	0.16	16.90	12.1	1	1.6	324	0.64	<0.05	14.1	0.266	1.41	4.1
N829427		342	116.0	<0.002	0.14	20.2	11.9	1	1.7	323	0.67	<0.05	13.2	0.271	1.45	4.0
N829428		25.2	98.8	<0.002	0.04	2.47	12.5	1	1.5	394	0.74	<0.05	12.0	0.287	1.18	4.7
N829429		19.3	99.5	<0.002	0.04	5.11	11.8	1	1.9	170.0	0.71	<0.05	11.4	0.277	1.36	4.2
N829430		21.8	89.5	<0.002	0.04	5.15	11.2	1	1.8	168.0	0.67	<0.05	10.3	0.274	1.35	3.8
N829431		20.7	100.5	<0.002	0.01	2.62	13.1	1	1.6	403	0.68	<0.05	12.3	0.289	1.02	3.3
N829432		20.4	114.5	<0.002	0.01	4.58	13.1	1	1.5	336	0.73	<0.05	14.5	0.276	1.13	4.6
N829433		2740	156.0	<0.002	4.82	87.7	8.6	2	7.7	89.5	0.47	0.41	10.5	0.180	2.30	5.3
N829434		140.5	145.0	<0.002	0.48	20.8	10.4	1	2.3	175.5	0.62	<0.05	12.6	0.219	1.96	7.1
N829435		22.3	102.5	<0.002	0.09	4.44	12.0	1	1.6	340	0.72	<0.05	13.0	0.269	1.26	4.8
N829436		446	117.5	<0.002	0.46	185.5	16.0	1	2.1	363	0.69	<0.05	10.4	0.324	1.49	4.2
N829437		36.5	105.0	<0.002	0.23	4.93	12.4	1	1.7	383	0.72	<0.05	10.8	0.287	1.35	4.2
N829438		49.2	118.0	<0.002	0.36	14.95	11.9	1	3.0	220	0.65	<0.05	12.7	0.271	2.02	4.5
N829439		103.0	151.5	<0.002	0.79	17.50	11.5	1	2.0	197.0	0.63	<0.05	11.9	0.265	2.32	4.0
N829440		1.7	2.9	<0.002	0.02	0.18	0.3	1	0.3	39.2	<0.05	<0.05	0.2	<0.005	0.02	0.7
N829441		23.7	106.0	<0.002	0.02	2.35	12.9	1	1.7	396	0.70	<0.05	14.1	0.297	1.20	4.7
N829442		26.7	103.0	<0.002	0.05	3.25	12.6	1	1.7	395	0.71	<0.05	13.6	0.298	1.22	4.5
N829443		19.4	89.4	<0.002	0.01	1.16	11.4	1	1.5	424	0.69	<0.05	12.5	0.287	0.91	4.1
N829444		34.8	94.3	<0.002	0.02	1.70	12.1	1	1.5	413	0.69	<0.05	12.8	0.293	1.06	4.0
N829445		24.5	142.5	<0.002	0.54	13.10	11.0	1	1.6	150.0	0.69	<0.05	12.4	0.272	2.19	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147827

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N829410		81	2.7	13.7	144	27.8		
N829411		79	1.0	15.0	68	31.1		
N829412		76	2.5	14.3	118	29.3		
N829413		76	3.1	14.2	110	32.3		
N829414		55	4.8	9.2	>10000	33.1	120	1.645
N829415		52	2.2	12.5	1350	27.7		
N829416		67	2.4	16.4	130	29.6		
N829417		77	7.9	14.3	67	32.8		
N829418		70	3.3	14.2	179	28.1		
N829419		2	0.1	0.9	20	0.5		
N829420		75	1.8	14.6	69	51.4		
N829421		76	1.4	14.2	64	28.7		
N829422		84	1.5	17.4	66	34.9		
N829423		78	1.4	14.6	73	33.5		
N829424		75	1.2	14.6	91	32.7		
N829425		75	0.7	14.4	68	30.3		
N829426		75	1.1	15.7	287	29.8		
N829427		76	1.3	15.3	298	30.2		
N829428		84	1.2	16.3	78	34.2		
N829429		78	3.0	13.9	67	33.9		
N829430		78	2.8	13.2	69	33.9		
N829431		84	1.2	16.0	71	34.5		
N829432		77	1.5	17.3	70	35.6		
N829433		57	5.0	9.5	5450	25.5		
N829434		65	3.2	17.6	214	28.2		
N829435		74	1.6	15.8	71	33.1		
N829436		105	2.1	17.9	169	36.0		
N829437		80	1.5	16.0	120	32.8		
N829438		76	2.3	15.3	133	30.9		
N829439		75	3.3	14.8	356	29.8		
N829440		2	0.1	0.8	18	0.5		
N829441		84	0.7	17.6	76	33.4		
N829442		85	1.0	17.0	83	33.9		
N829443		80	0.6	16.4	68	31.8		
N829444		84	0.7	16.4	94	33.8		
N829445		78	4.4	14.5	88	31.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-69

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147827

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147828

Project: Klaza-69

P.O. No.: Batch 3

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

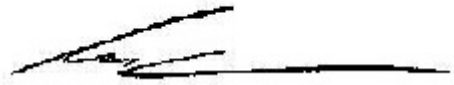
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147828

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829446		4.39	0.044	1.08	7.27	115.5	1650	1.44	0.33	2.04	6.10	47.6	10.6	11	18.45	8.5
N829447		5.53	<0.005	0.28	7.42	37.6	1310	1.67	0.18	2.40	0.43	67.7	5.8	16	27.0	4.6
N829448		6.65	<0.005	0.21	7.14	23.5	970	1.88	0.12	2.27	0.30	61.9	4.6	12	28.7	2.8
N829449		6.32	<0.005	0.08	6.90	20.1	1250	1.95	0.09	2.39	0.26	60.4	5.5	13	26.2	1.3
N829450		6.08	<0.005	0.14	7.34	15.2	1360	1.85	0.09	2.56	0.17	66.3	5.9	12	16.90	3.1
M897051		3.25	<0.005	0.32	7.23	26.3	1490	2.00	0.23	3.56	0.37	69.3	6.4	17	12.45	5.9
M897052		0.25	4.58	>100	5.31	7920	170	1.26	55.6	1.92	218	31.5	8.5	17	11.05	1195
M897053		2.17	0.720	7.23	5.82	2010	600	1.35	1.17	3.47	11.25	35.8	9.2	7	12.05	43.9
M897054		3.75	0.006	4.69	7.56	357	1970	1.67	3.06	3.56	9.46	44.7	6.1	10	15.85	47.6
M897055		2.67	<0.005	0.24	6.95	22.4	2620	1.33	0.65	3.11	0.22	44.1	19.1	9	13.40	3.8
M897056		2.07	0.005	0.35	7.07	29.2	2590	1.39	1.06	3.34	0.31	46.3	27.9	9	14.70	6.3
M897057		3.43	0.006	1.10	7.37	31.7	1600	1.76	1.05	2.88	2.23	43.4	8.9	9	16.50	4.9
M897058		4.01	<0.005	0.22	7.38	18.9	1370	2.22	0.15	3.50	0.32	59.2	7.8	16	23.7	13.2
M897059		2.20	0.018	0.71	6.34	68.9	1730	1.89	0.29	3.97	0.62	47.6	7.7	13	21.3	14.1
M897060		<0.02	0.016	0.73	6.53	71.5	1810	1.82	0.20	4.05	0.66	52.1	8.1	12	22.4	16.6
M897061		2.75	0.010	0.54	7.06	46.0	2750	1.99	0.19	4.35	1.12	55.6	8.0	14	22.3	12.8
M897062		4.00	0.039	2.37	7.00	85.0	1790	1.55	0.88	3.08	2.55	43.8	7.3	8	20.5	66.8
M897063		0.29	4.55	>100	5.21	7830	100	1.15	55.3	1.87	213	31.1	8.6	17	10.90	1180
M897064		5.02	5.79	40.2	1.94	2960	80	0.36	39.9	0.57	17.30	14.95	193.0	7	2.29	687
M897065		4.82	<0.005	0.03	0.16	5	30	0.09	0.04	21.4	0.07	1.34	1.9	3	0.65	3.0
M897066		3.35	0.801	10.50	7.20	629	90	1.30	2.93	0.41	91.6	47.5	16.5	11	7.78	191.0
M897067		4.79	2.02	>100	5.47	5170	140	1.22	6.10	1.13	265	33.0	16.0	27	6.98	1000
M897068		2.61	<0.005	0.14	0.07	8	20	0.05	0.03	20.7	0.31	1.24	1.5	<1	0.15	4.0
M897069		1.45	0.023	0.63	7.93	73.9	2010	1.58	0.30	2.98	1.44	48.8	10.3	10	14.60	13.0
M897070		7.85	0.028	0.81	7.24	298	1580	1.56	0.13	2.95	1.21	40.4	8.1	11	18.00	18.8
M897071		2.74	1.275	7.50	6.81	4300	200	1.43	0.24	2.09	31.5	47.5	8.4	9	14.75	29.2
M897072		2.55	<0.005	0.18	7.44	22.9	2010	1.55	0.08	3.02	0.22	43.3	9.1	12	13.85	9.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147828

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829446		3.97	16.50	0.16	1.3	0.110	3.20	24.8	35.2	0.80	2870	1.43	0.18	8.3	3.7	610
N829447		2.58	18.40	0.18	2.9	0.027	2.45	34.8	59.4	0.89	986	1.58	0.07	12.5	4.6	1040
N829448		2.45	18.15	0.15	2.5	0.029	2.66	31.2	59.4	0.81	993	0.99	0.07	11.8	2.9	860
N829449		2.42	19.25	0.11	2.4	0.042	2.39	29.3	82.3	0.78	1050	1.33	0.06	11.2	3.7	850
N829450		2.55	19.65	0.14	2.3	0.029	1.36	33.2	107.5	0.87	820	1.47	0.04	11.6	3.9	890
M897051		2.74	17.25	0.16	3.1	0.033	0.93	37.3	107.5	1.22	1340	1.50	0.04	11.2	5.4	1060
M897052		8.10	12.60	0.12	1.0	4.63	2.19	15.6	37.2	0.62	2970	15.25	0.08	5.5	12.7	430
M897053		4.14	14.95	0.10	0.9	0.258	2.47	20.0	26.6	0.80	4530	1.28	0.03	5.7	3.5	440
M897054		3.39	16.75	0.15	1.2	0.252	2.94	23.8	42.0	1.30	1880	1.31	0.07	8.0	3.2	610
M897055		3.22	16.20	0.14	1.1	0.083	2.75	21.7	42.6	1.03	1640	0.37	0.05	8.4	4.4	680
M897056		3.34	16.50	0.16	1.0	0.130	2.73	23.6	40.4	1.13	1660	0.55	0.05	8.1	4.8	630
M897057		3.50	15.10	0.17	1.2	0.066	3.02	23.6	22.9	1.13	2900	0.57	0.06	7.6	3.0	560
M897058		2.56	21.1	0.16	3.3	0.036	2.62	29.0	63.1	1.23	1200	1.15	0.05	10.8	7.9	1110
M897059		2.76	14.95	0.15	2.3	0.065	2.27	26.0	37.3	1.45	2270	2.11	0.04	8.1	4.9	790
M897060		2.80	15.55	0.14	2.5	0.067	2.37	28.5	39.6	1.49	2290	2.22	0.04	8.4	5.1	810
M897061		2.76	17.30	0.17	3.1	0.033	2.57	30.3	35.8	1.56	1350	1.76	0.04	9.8	5.8	960
M897062		2.84	15.55	0.16	1.2	0.103	2.48	23.6	84.1	1.03	2820	0.90	0.05	7.6	2.8	580
M897063		7.97	12.75	0.13	1.0	4.49	2.16	15.4	36.3	0.61	2920	15.40	0.08	5.5	13.0	430
M897064		24.7	4.99	0.25	0.3	2.40	0.86	8.0	13.4	0.17	1000	10.60	0.01	2.0	2.9	140
M897065		0.49	0.58	0.15	<0.1	0.013	0.07	0.6	2.1	13.10	211	0.28	<0.01	0.3	6.5	170
M897066		5.93	17.15	0.10	1.1	0.866	3.25	25.4	8.5	0.33	375	1.61	0.02	7.4	3.2	590
M897067		7.89	13.50	0.09	0.9	1.485	2.46	16.6	13.3	0.39	3340	1.57	0.02	6.2	9.1	470
M897068		0.45	0.37	0.19	<0.1	0.006	0.03	0.6	1.0	12.35	201	0.24	<0.01	0.3	4.8	160
M897069		3.93	17.85	0.11	1.2	0.064	2.83	25.1	14.4	0.95	1280	0.83	1.59	9.2	3.2	730
M897070		3.71	16.10	0.12	1.2	0.087	3.19	20.3	20.9	0.91	4180	0.90	0.54	8.1	2.8	630
M897071		5.97	15.80	0.13	1.2	0.507	3.05	23.9	16.8	0.78	9660	3.27	0.03	7.6	3.2	610
M897072		3.33	17.65	0.10	1.3	0.043	2.50	20.0	49.0	0.87	950	1.16	1.88	8.3	3.6	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147828

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829446		191.5	158.0	<0.002	1.18	14.75	10.9	1	2.0	149.0	0.68	<0.05	13.0	0.261	2.71	5.9
N829447		31.5	86.1	<0.002	0.08	12.85	6.5	1	1.5	467	0.82	<0.05	10.2	0.289	1.99	6.3
N829448		33.8	93.7	<0.002	0.07	10.40	6.1	1	1.2	252	0.78	<0.05	9.2	0.251	2.00	4.8
N829449		17.9	77.5	<0.002	0.04	9.12	6.2	1	1.6	291	0.82	<0.05	8.6	0.255	1.70	3.5
N829450		22.4	44.8	<0.002	0.07	7.06	6.6	1	1.4	351	0.81	<0.05	9.3	0.260	1.06	4.8
M897051		35.6	44.8	<0.002	0.09	16.35	6.9	2	1.4	685	0.71	<0.05	9.7	0.296	0.67	8.1
M897052		9160	132.5	<0.002	6.90	212	7.2	3	8.4	115.0	0.41	0.53	7.8	0.174	2.11	4.7
M897053		528	167.5	<0.002	2.91	48.7	8.0	1	2.7	117.0	0.40	<0.05	8.4	0.185	2.41	6.9
M897054		372	148.5	<0.002	0.52	14.40	11.3	2	2.1	170.5	0.58	0.06	11.8	0.260	2.23	4.9
M897055		16.5	100.0	<0.002	0.47	6.23	12.0	1	1.9	154.0	0.64	<0.05	10.5	0.294	2.11	3.4
M897056		31.4	126.5	<0.002	0.65	7.50	11.6	1	2.7	160.5	0.60	<0.05	11.1	0.274	2.26	3.6
M897057		81.7	168.0	<0.002	0.38	9.08	11.0	2	1.5	104.5	0.57	0.11	12.9	0.251	2.32	3.1
M897058		26.9	96.7	<0.002	0.20	10.00	8.0	1	2.0	440	0.74	<0.05	8.4	0.298	2.80	4.6
M897059		31.6	135.5	<0.002	0.33	21.9	7.0	1	1.6	501	0.56	<0.05	9.4	0.239	2.22	3.7
M897060		37.3	138.5	<0.002	0.35	23.3	7.3	1	1.6	522	0.59	<0.05	9.7	0.249	2.28	3.8
M897061		53.7	154.5	<0.002	0.37	28.5	7.0	2	1.5	668	0.65	<0.05	8.9	0.274	2.96	4.9
M897062		143.0	123.0	<0.002	0.70	15.85	10.5	1	2.1	263	0.58	<0.05	11.2	0.240	2.26	4.1
M897063		8990	133.0	0.002	6.78	208	7.2	3	8.2	113.5	0.40	0.51	7.4	0.171	2.05	4.6
M897064		654	53.6	0.012	>10.0	129.5	2.6	5	16.5	18.0	0.14	7.05	2.6	0.063	0.76	5.3
M897065		1.8	4.1	<0.002	0.02	0.16	0.4	1	<0.2	41.5	<0.05	<0.05	<0.2	0.007	0.03	0.6
M897066		1525	186.0	<0.002	6.25	36.2	11.2	2	9.3	34.3	0.55	0.22	10.8	0.259	2.94	3.5
M897067		9700	157.0	<0.002	7.59	249	10.2	3	12.6	48.5	0.44	0.30	7.9	0.217	2.40	5.1
M897068		8.0	1.5	<0.002	0.02	0.22	0.2	1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897069		75.8	130.0	<0.002	0.65	4.89	13.1	1	2.8	356	0.65	<0.05	12.4	0.315	1.56	3.7
M897070		58.1	173.0	<0.002	0.83	12.40	12.9	1	2.1	201	0.59	<0.05	11.1	0.284	2.56	4.6
M897071		676	204	<0.002	2.92	48.9	12.9	1	3.0	110.0	0.59	<0.05	10.4	0.265	2.84	4.4
M897072		22.8	82.4	<0.002	0.05	3.84	12.3	1	1.7	391	0.68	<0.05	10.6	0.295	1.14	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-69

CERTIFICATE OF ANALYSIS WH12147828

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829446		76	3.1	13.5	515	32.0		
N829447		56	2.1	13.6	82	104.5		
N829448		50	1.8	13.2	86	86.2		
N829449		52	2.0	11.2	94	81.0		
N829450		51	2.0	12.6	78	82.9		
M897051		60	3.5	15.5	78	121.0		
M897052		52	4.5	9.1	>10000	30.9	125	1.615
M897053		64	4.2	10.9	952	27.0		
M897054		69	3.2	14.9	740	30.9		
M897055		66	3.1	13.3	105	28.0		
M897056		69	3.3	14.8	121	27.8		
M897057		57	6.0	12.4	244	29.6		
M897058		66	2.3	14.0	70	137.0		
M897059		55	3.2	12.6	88	88.8		
M897060		57	3.4	13.2	91	94.0		
M897061		58	4.5	14.1	138	122.0		
M897062		67	5.3	13.2	269	33.1		
M897063		50	4.3	9.5	>10000	30.1	126	1.605
M897064		22	3.7	5.3	1540	7.8		
M897065		5	0.4	0.8	16	<0.5		
M897066		74	7.7	9.2	9830	28.1		
M897067		70	8.3	9.4	>10000	21.5	128	1.840
M897068		3	0.1	0.7	36	<0.5		
M897069		87	1.9	17.9	215	29.5		
M897070		83	4.2	16.9	169	31.2		
M897071		78	5.8	13.9	2610	27.9		
M897072		87	1.4	15.9	79	33.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-69

Finalized Date: 21-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147828

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

CERTIFICATE WH12147829

Project: Klaza-71

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

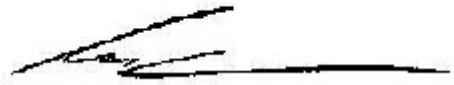
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147829

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828579		4.67	0.394	1.59	8.02	354	780	1.97	2.11	2.18	1.62	55.9	10.4	7	22.4	45.4
N828580		9.25	0.055	2.03	7.28	81.0	1140	1.58	4.24	1.53	8.57	52.9	6.9	6	14.75	23.2
N828581		13.47	<0.005	0.18	7.86	11.3	2140	1.41	0.16	2.54	0.14	49.6	7.4	10	17.50	6.3
N828582		13.01	0.008	0.22	7.49	12.4	2060	1.37	0.18	2.62	0.87	47.4	6.4	12	12.55	6.3
N828583		11.55	0.006	0.16	7.55	12.4	2160	1.45	0.14	2.39	0.14	53.2	6.4	11	10.15	3.8
N828584		5.73	0.011	0.38	7.24	28.1	2000	1.35	0.38	2.75	2.05	46.9	6.9	10	11.35	6.3
N828585		2.60	0.009	0.29	7.55	24.1	2030	1.35	0.35	2.75	1.71	49.6	6.3	10	10.75	4.7
N828586		11.74	0.039	0.58	7.26	54.9	2010	1.38	0.64	2.58	2.82	47.1	5.3	10	13.30	17.7
N828587		6.57	0.180	8.04	6.76	119.5	1050	1.12	7.81	3.17	3.70	49.2	6.5	9	18.70	74.5
N828588		5.31	<0.005	0.16	7.92	8.5	2550	1.37	0.13	2.44	0.14	50.3	7.1	9	23.1	7.5
N828589		9.03	<0.005	0.14	7.72	7.4	2300	1.25	0.14	2.42	0.08	47.0	6.8	10	22.1	11.6
N828590		<0.02	<0.005	0.13	7.73	7.5	2290	1.24	0.12	2.41	0.07	48.8	7.0	10	23.0	11.1
N828591		4.13	0.009	0.27	8.11	37.4	2020	1.41	0.45	1.68	0.22	56.5	6.9	9	25.0	7.9
N828592		2.93	<0.005	0.22	6.90	10.4	2330	1.06	0.40	2.77	0.08	36.0	6.1	8	14.25	27.0
N828593		5.98	0.074	0.69	7.72	93.7	1370	1.34	0.62	2.32	3.73	60.1	5.3	8	23.8	13.5
N828594		0.32	4.37	>100	5.58	6790	630	1.06	66.8	1.94	226	38.0	8.2	18	12.35	1300
N828595		5.73	3.10	70.7	4.51	3060	40	0.78	117.0	3.38	14.70	34.2	6.2	6	7.89	1255
N828596		4.88	<0.005	0.10	0.09	<5	20	0.07	0.14	21.7	0.08	1.51	1.3	1	0.28	3.5
N828597		7.36	2.02	8.12	4.80	504	120	0.92	10.30	3.57	19.00	37.0	3.5	6	10.90	146.0
N828598		6.99	0.377	2.98	6.11	1650	610	1.25	4.19	1.07	1.34	41.9	4.1	9	19.30	142.0
N828599		9.74	0.034	0.80	7.34	67.0	1110	1.37	1.59	1.74	3.47	51.8	6.4	9	20.8	18.1
N828600		5.24	1.665	10.10	6.89	3680	350	1.23	8.86	2.49	4.04	47.8	5.9	8	16.20	1140
M897001		1.56	<0.005	0.03	0.13	<5	30	<0.05	0.04	20.9	0.04	1.38	1.5	2	0.72	2.3
M897002		10.14	0.007	0.31	7.94	26.0	2230	1.51	0.48	2.50	0.96	41.8	6.8	9	22.1	9.5
M897003		6.36	0.010	0.29	7.78	16.5	2290	1.49	0.36	2.86	0.12	45.6	7.3	10	17.40	19.7
M897004		3.65	0.013	0.55	7.84	106.5	1860	1.63	0.67	3.20	1.03	48.7	7.2	9	13.60	39.2
M897005		4.75	<0.005	0.29	7.89	15.1	2190	1.48	0.32	2.54	0.16	45.2	5.1	9	12.90	5.7
M897006		4.65	0.006	0.27	7.44	13.4	2680	1.37	0.36	2.84	0.09	42.8	5.8	10	10.30	32.7
M897007		2.65	0.006	0.25	7.09	12.4	2410	1.37	0.35	2.86	0.09	42.5	6.1	9	9.82	21.5
M897008		3.94	0.018	0.39	7.83	31.6	2490	1.46	1.55	2.50	0.10	45.7	5.6	10	14.60	12.8
M897009		9.21	0.007	0.27	7.63	21.7	2140	1.34	0.43	2.38	0.19	38.5	4.5	10	16.90	16.4
M897010		0.33	2.26	22.6	6.19	2920	570	1.28	20.5	2.22	80.2	45.9	9.7	19	15.30	445
M897011		8.03	0.044	1.64	7.08	108.5	1770	1.34	2.26	1.77	5.50	54.0	4.2	11	12.25	97.9
M897012		7.95	0.031	0.36	7.53	142.5	1640	1.52	0.51	2.67	0.90	49.0	3.7	10	16.90	13.9
M897013		4.39	0.192	2.07	7.31	165.0	1860	1.46	1.71	2.78	24.3	50.1	4.6	9	17.20	92.8
M897014		4.36	<0.005	0.19	7.32	12.1	2150	1.48	0.19	3.07	0.13	41.9	4.7	11	13.40	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147829

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828579		4.94	18.35	0.13	1.2	0.136	2.83	30.8	101.5	1.02	1830	2.36	0.05	8.5	4.0	720
N828580		4.68	17.05	0.12	1.0	0.297	2.86	30.6	28.7	0.80	1360	2.53	0.05	6.8	2.6	570
N828581		3.15	16.25	0.19	1.3	0.050	2.74	26.2	18.5	0.73	620	1.40	1.87	8.3	2.3	640
N828582		3.02	15.60	0.19	1.2	0.093	2.69	25.1	16.1	0.72	705	1.42	1.89	7.3	2.0	600
N828583		2.86	15.70	0.22	1.3	0.055	2.74	28.2	13.7	0.79	592	1.39	2.20	7.7	2.1	580
N828584		2.93	15.05	0.20	1.2	0.104	2.79	24.2	12.3	0.69	720	1.37	1.92	7.3	1.9	570
N828585		2.92	15.60	0.20	1.3	0.095	2.82	25.9	11.3	0.71	718	1.46	1.95	7.3	1.9	590
N828586		3.06	15.10	0.20	1.3	0.138	2.87	25.0	12.5	0.71	851	1.53	1.46	7.0	1.8	560
N828587		4.19	14.50	0.23	1.0	0.339	2.54	27.2	48.9	0.53	1350	3.06	0.06	6.5	1.8	520
N828588		3.28	16.90	0.21	1.3	0.058	2.79	25.4	22.1	0.69	632	1.84	1.40	8.2	1.9	700
N828589		2.95	16.45	0.21	1.2	0.048	2.85	24.2	31.4	0.65	577	1.32	1.30	7.8	1.9	620
N828590		2.97	16.70	0.20	1.3	0.047	2.91	25.1	32.8	0.65	578	1.26	1.29	8.1	2.0	620
N828591		3.73	16.40	0.23	1.3	0.123	3.04	30.9	58.2	0.69	1070	1.43	0.27	7.8	2.0	640
N828592		2.69	15.80	0.19	1.2	0.087	2.99	17.2	25.3	0.40	527	1.32	0.14	7.7	1.6	600
N828593		3.80	16.00	0.23	1.2	0.231	3.13	35.2	30.3	0.80	1460	3.48	0.16	7.3	1.8	580
N828594		8.00	12.55	0.27	1.1	4.69	2.33	19.7	30.6	0.62	3080	15.25	0.08	5.2	12.4	450
N828595		9.22	10.70	0.28	0.6	0.893	2.10	18.5	11.2	1.32	3170	8.16	0.02	4.0	1.3	320
N828596		0.49	0.31	0.19	<0.1	0.007	0.04	0.8	1.0	12.95	222	0.20	0.01	0.3	1.0	190
N828597		6.28	11.05	0.23	0.7	0.438	2.16	21.5	15.2	1.46	5680	9.51	0.02	4.1	1.5	310
N828598		3.58	12.85	0.19	1.0	0.143	2.57	24.6	33.0	0.54	1400	9.41	0.03	5.6	1.9	430
N828599		3.50	15.00	0.20	1.0	0.149	2.44	28.9	128.0	0.76	1290	2.68	0.08	7.0	1.9	600
N828600		5.89	14.80	0.26	1.0	0.896	2.95	27.5	14.6	0.96	1700	2.85	0.03	6.3	1.9	580
M897001		0.47	0.40	0.21	<0.1	0.005	0.07	0.7	1.7	12.35	213	0.26	<0.01	0.4	1.9	160
M897002		3.65	16.05	0.22	1.3	0.093	2.82	21.8	22.3	0.81	585	2.90	1.20	8.1	2.1	690
M897003		3.40	16.50	0.22	1.2	0.063	2.86	22.6	19.5	0.82	698	2.39	1.39	8.2	2.2	670
M897004		3.35	16.05	0.23	1.1	0.118	3.01	26.6	47.5	0.79	761	3.11	0.23	7.1	2.1	630
M897005		3.10	16.90	0.21	1.3	0.065	2.93	23.8	41.3	0.77	540	1.58	0.54	8.2	1.8	660
M897006		2.98	15.95	0.22	1.1	0.052	2.88	22.7	12.0	0.71	600	2.02	1.93	7.3	2.0	610
M897007		2.86	15.45	0.20	1.0	0.050	2.80	22.8	11.5	0.69	575	1.97	1.94	7.0	1.8	600
M897008		3.81	15.95	0.24	1.1	0.084	2.81	25.2	15.5	0.74	850	1.74	1.45	6.3	2.0	630
M897009		3.35	15.85	0.23	1.0	0.110	3.02	20.4	34.4	0.65	800	1.50	0.74	6.6	1.9	620
M897010		6.78	13.65	0.26	0.9	1.730	2.67	25.3	22.1	0.90	1900	13.40	0.04	5.7	14.2	460
M897011		4.88	15.55	0.24	0.8	0.452	3.05	31.7	22.1	0.86	1720	1.42	0.48	5.5	1.9	560
M897012		3.57	15.45	0.22	1.0	0.107	2.96	26.9	54.1	0.80	1170	1.62	0.32	6.7	1.8	590
M897013		3.87	15.70	0.22	1.1	0.545	2.83	27.4	24.5	0.78	1460	1.55	0.91	7.2	2.1	570
M897014		3.13	15.80	0.21	1.2	0.053	2.58	22.4	12.9	0.72	576	1.26	2.16	7.2	2.1	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147829

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828579		107.5	173.0	<0.002	2.08	18.20	14.0	1	3.3	130.0	0.59	0.09	12.8	0.272	2.81	4.6
N828580		257	169.5	<0.002	1.64	11.20	11.1	1	3.0	61.0	0.53	0.47	13.4	0.220	2.31	5.3
N828581		17.8	93.8	<0.002	0.05	5.67	11.3	1	2.1	320	0.73	<0.05	12.1	0.266	1.24	3.2
N828582		39.8	91.7	<0.002	0.13	3.25	10.0	1	2.0	301	0.65	<0.05	11.4	0.248	1.19	3.1
N828583		18.4	100.0	<0.002	0.08	2.23	10.5	1	1.7	347	0.68	<0.05	12.0	0.243	1.09	3.3
N828584		75.1	96.3	<0.002	0.33	2.90	9.7	1	2.0	305	0.67	0.06	10.2	0.236	1.32	3.5
N828585		51.4	104.0	<0.002	0.29	2.47	10.2	1	1.9	307	0.66	0.06	11.8	0.236	1.37	4.0
N828586		71.1	107.5	<0.002	0.51	5.50	9.5	1	2.3	273	0.63	0.08	11.4	0.234	1.57	3.7
N828587		157.0	107.0	<0.002	1.35	35.0	8.9	1	3.1	113.5	0.55	0.27	11.0	0.214	1.80	4.4
N828588		19.1	92.8	<0.002	0.07	8.85	11.4	1	2.1	266	0.72	<0.05	10.1	0.280	1.26	3.5
N828589		17.2	91.5	<0.002	0.04	7.65	10.1	1	2.5	261	0.68	<0.05	10.1	0.256	1.21	2.9
N828590		16.6	94.0	<0.002	0.04	7.84	10.4	1	2.5	261	0.69	<0.05	10.1	0.264	1.21	2.9
N828591		23.9	122.0	<0.002	0.20	20.0	11.4	1	2.4	109.0	0.69	<0.05	13.3	0.263	1.66	4.8
N828592		17.5	83.6	<0.002	0.11	16.60	8.7	1	2.0	124.5	0.69	<0.05	8.7	0.250	1.39	1.6
N828593		86.6	156.0	<0.002	1.38	16.50	10.7	1	3.0	88.4	0.65	0.05	13.1	0.236	2.46	5.2
N828594		9470	126.5	0.002	7.20	227	7.1	2	8.8	125.5	0.45	0.57	10.1	0.182	2.21	6.2
N828595		803	117.5	0.002	9.48	246	5.8	1	10.1	45.7	0.34	1.08	6.6	0.126	2.03	3.5
N828596		2.9	1.7	<0.002	0.02	0.60	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828597		354	127.0	<0.002	4.50	80.7	6.3	1	6.7	48.6	0.36	0.16	7.3	0.135	2.15	4.5
N828598		79.1	153.0	<0.002	1.50	115.5	8.4	1	3.0	52.4	0.51	0.10	9.9	0.194	2.43	7.2
N828599		87.9	118.0	<0.002	0.58	22.9	10.3	1	3.1	126.5	0.63	0.07	12.0	0.237	2.04	4.4
N828600		100.0	180.5	<0.002	4.74	47.7	9.5	1	5.6	68.4	0.54	0.55	8.8	0.209	2.75	2.6
M897001		1.6	4.2	<0.002	0.02	0.16	0.3	1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M897002		29.2	104.5	<0.002	0.35	5.51	10.7	1	2.3	263	0.66	<0.05	9.8	0.281	1.42	3.0
M897003		23.7	95.5	<0.002	0.19	5.75	10.7	1	1.9	298	0.67	0.05	9.5	0.275	1.35	3.0
M897004		71.9	126.5	<0.002	0.57	7.82	10.5	1	2.9	167.5	0.61	0.08	10.5	0.248	1.77	5.7
M897005		25.7	94.1	<0.002	0.20	7.47	10.4	1	1.9	214	0.75	<0.05	11.3	0.276	1.38	3.0
M897006		17.4	97.1	<0.002	0.20	4.12	9.8	1	1.8	346	0.61	<0.05	9.7	0.243	1.24	3.3
M897007		16.9	86.2	<0.002	0.19	3.86	9.6	1	1.9	342	0.62	<0.05	9.7	0.238	1.27	3.6
M897008		22.8	116.5	<0.002	0.61	7.47	10.5	1	2.2	273	0.49	0.08	9.1	0.227	1.69	4.1
M897009		18.2	108.5	<0.002	0.26	9.43	9.8	1	2.1	207	0.51	<0.05	9.0	0.236	1.78	3.3
M897010		2820	148.5	<0.002	4.94	97.9	7.5	1	8.3	93.4	0.50	0.54	10.4	0.178	2.28	5.5
M897011		96.1	144.5	<0.002	1.12	12.45	9.4	1	3.2	111.0	0.47	0.12	11.2	0.194	2.11	4.4
M897012		37.5	118.0	<0.002	0.54	8.96	9.9	1	2.2	143.0	0.60	<0.05	12.3	0.234	2.10	5.2
M897013		147.0	112.0	<0.002	1.16	12.35	10.0	1	4.0	209	0.66	0.07	11.6	0.239	1.75	3.9
M897014		20.8	76.8	<0.002	0.17	3.68	9.1	1	2.0	336	0.69	<0.05	9.4	0.239	1.21	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12147829

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828579		80	5.8	17.4	182	30.0		
N828580		64	4.3	13.0	619	28.1		
N828581		77	2.2	15.3	61	33.0		
N828582		72	1.8	13.4	103	30.2		
N828583		68	1.6	15.0	50	31.4		
N828584		67	1.8	13.1	177	29.5		
N828585		69	1.9	13.8	157	30.9		
N828586		67	1.8	12.4	238	30.7		
N828587		61	41.7	10.0	307	27.5		
N828588		85	2.9	15.4	51	32.4		
N828589		74	2.5	13.9	39	30.2		
N828590		76	2.7	14.2	40	32.7		
N828591		78	4.0	15.5	71	30.5		
N828592		74	3.0	11.9	50	31.0		
N828593		71	3.9	13.8	352	29.6		
N828594		54	4.3	8.5	>10000	30.0	124	1.625
N828595		44	4.5	6.5	1040	15.6		
N828596		4	0.1	0.7	23	<0.5		
N828597		45	4.9	6.7	1220	17.5		
N828598		61	5.1	9.2	150	25.0		
N828599		73	5.2	12.2	289	24.1		
N828600		66	7.0	10.7	340	25.4		
M897001		4	0.1	0.8	19	<0.5		
M897002		84	2.4	14.0	118	36.4		
M897003		79	3.0	14.5	53	31.2		
M897004		75	2.5	16.3	127	27.5		
M897005		79	4.1	14.3	68	34.3		
M897006		73	2.0	13.1	59	27.5		
M897007		71	2.0	12.1	61	25.7		
M897008		73	2.7	12.4	64	28.2		
M897009		75	2.2	12.6	69	25.5		
M897010		59	5.2	8.8	5350	22.8		
M897011		72	3.5	10.2	451	19.3		
M897012		73	2.6	12.4	119	24.0		
M897013		70	2.5	13.3	1730	26.0		
M897014		73	1.2	13.2	60	26.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-71

Finalized Date: 19-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12147829

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2012
Account: ROCKHA

CERTIFICATE WH12148780

Project: Klaza-71

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

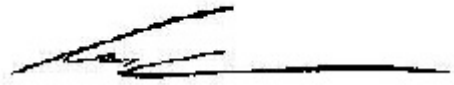
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12148780

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897015		10.41	<0.005	0.12	7.44	12.6	2160	1.69	0.17	2.53	0.18	48.4	4.9	12	12.75	2.7
M897016		12.35	<0.005	0.13	7.21	14.2	2030	1.54	0.22	2.78	0.14	45.1	4.6	12	11.50	4.8
M897017		<0.02	<0.005	0.11	7.20	13.1	1950	1.61	0.24	2.70	0.14	42.3	4.5	12	10.15	5.9
M897018		13.38	0.005	0.11	7.19	15.4	1990	1.62	0.23	2.68	0.15	40.1	5.7	9	12.50	6.9
M897019		9.83	0.010	0.22	6.62	13.4	1140	1.54	0.35	3.08	1.45	52.2	3.7	8	8.01	22.8
M897020		0.25	4.61	>100	5.43	6790	220	1.12	56.5	1.94	221	32.9	9.5	15	10.85	1280
M897021		4.86	0.209	6.83	6.34	219	450	1.42	10.95	2.20	15.10	44.6	5.7	5	11.30	109.5
M897022		5.79	<0.005	0.15	7.41	45.8	1340	1.87	0.15	2.65	0.19	70.4	7.2	20	17.10	9.6
M897023		8.22	0.022	1.15	7.09	82.2	980	1.99	1.62	2.13	2.97	53.9	5.7	7	21.1	34.1
M897024		9.25	0.016	0.41	7.30	37.5	1150	1.65	0.97	2.77	0.24	83.4	7.0	7	14.20	49.0
M897025		4.38	0.007	0.28	7.38	34.0	1470	1.64	0.32	2.61	0.20	51.8	3.3	6	16.40	46.3
M897026		5.37	1.055	5.87	7.19	298	200	1.62	9.16	1.78	7.67	64.0	8.8	7	14.85	109.5
M897027		2.54	<0.005	0.02	0.10	<5	20	0.06	0.03	20.7	0.09	1.42	1.1	<1	0.20	1.6
M897028		4.35	0.056	0.69	7.55	40.6	1210	1.74	1.61	2.91	0.77	51.3	5.8	7	14.75	43.0
M897029		5.48	0.011	0.15	7.42	28.2	1200	1.54	0.29	2.57	0.54	59.3	5.7	14	16.30	3.2
M897030		4.63	1.305	81.8	6.78	270	1050	1.31	181.0	2.76	18.25	59.9	4.8	5	12.40	488
M897031		8.67	0.008	0.83	7.25	14.8	1270	1.66	1.48	3.09	4.29	49.6	3.8	8	10.85	21.1
M897032		0.23	2.15	23.8	6.03	2870	820	1.26	18.50	2.22	79.0	42.5	11.0	17	13.70	442
M897033		8.23	0.594	9.04	6.03	754	390	1.16	16.55	2.54	7.72	67.7	6.7	4	9.45	179.5
M897034		4.74	0.032	1.29	8.07	71.3	630	1.91	5.07	2.47	0.53	116.0	10.5	5	12.70	36.8
M897035		4.36	0.238	20.5	5.94	537	270	1.38	6.80	3.70	420	40.1	4.7	5	11.90	212
M897036		1.09	<0.005	0.04	0.09	5	20	0.06	0.05	21.0	0.51	1.48	1.0	<1	0.16	1.6
M897037		12.66	0.010	0.52	7.64	39.2	1460	1.59	0.39	2.04	4.04	51.7	4.8	8	19.95	15.0
M897038		5.33	0.009	5.28	7.78	57.4	1330	1.78	9.34	1.80	1.36	54.0	4.1	7	19.00	71.1
M897039		9.25	0.015	0.64	7.72	20.7	1800	1.63	0.78	2.69	4.20	39.6	3.1	8	9.22	15.1
M897040		8.36	0.011	1.35	6.92	28.4	820	1.59	2.11	2.91	15.55	27.5	4.7	8	7.36	32.0
M897041		3.83	0.028	0.56	6.97	115.0	880	1.62	0.64	2.30	4.23	28.2	2.1	6	10.35	10.8
M897042		4.80	<0.005	0.35	7.69	8.9	820	1.47	0.63	1.79	0.33	35.2	3.9	7	7.58	2.7
M897043		2.46	<0.005	0.40	7.62	9.8	780	1.48	0.75	1.83	0.42	35.3	4.4	7	7.68	4.2
M897045		3.63	0.583	10.05	6.35	877	230	1.33	17.35	1.27	22.1	33.4	4.1	7	7.31	121.0
M897044		3.70	<0.005	0.19	7.68	18.2	870	1.60	0.41	2.10	0.56	36.3	4.3	7	8.80	1.9
M897046		8.33	0.025	1.24	7.82	99.6	1180	1.59	1.91	1.80	8.82	38.7	4.7	7	8.62	32.1
M897047		3.64	0.190	2.16	6.49	518	420	1.67	3.54	1.51	4.78	39.1	3.7	7	11.65	32.9
M897048		5.40	0.035	7.00	7.33	56.0	1290	1.63	12.60	2.36	10.65	45.5	5.4	8	18.15	16.3
M897049		5.60	0.018	1.21	7.65	49.1	2130	1.78	1.81	2.42	7.19	43.1	6.0	7	12.05	78.5
M897050		4.28	0.011	0.90	7.26	28.1	1810	1.69	1.41	1.49	6.31	43.8	4.3	6	19.00	16.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12148780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897015		3.15	18.25	0.13	1.1	0.044	2.45	24.6	18.4	0.84	476	1.24	2.27	8.5	3.1	620
M897016		3.01	18.30	0.14	0.9	0.053	2.45	22.1	13.5	0.74	566	4.44	2.19	8.0	3.0	580
M897017		2.94	16.75	0.09	1.0	0.046	2.36	21.4	14.3	0.72	547	1.72	2.16	7.9	2.9	580
M897018		3.05	17.00	0.12	1.0	0.039	2.32	20.1	15.5	0.79	509	1.70	1.99	8.0	2.9	590
M897019		2.39	15.95	0.13	0.8	0.115	2.27	26.7	13.3	0.72	827	0.75	0.76	5.7	2.3	560
M897020		8.06	12.85	0.08	1.0	4.51	2.24	16.9	30.7	0.62	3010	14.80	0.08	5.5	14.1	460
M897021		6.53	14.45	0.08	0.8	1.575	2.78	23.7	11.6	1.14	2250	9.13	0.04	5.6	3.6	490
M897022		2.72	19.75	0.15	4.6	0.033	2.26	36.2	106.0	0.92	780	1.46	0.05	11.2	9.4	1290
M897023		4.56	16.70	0.12	1.3	0.354	2.79	29.1	17.4	0.87	1640	9.54	0.05	7.5	3.9	580
M897024		2.66	17.75	0.12	1.0	0.164	2.95	47.8	32.7	0.86	1000	1.27	0.08	6.4	3.3	590
M897025		2.67	17.15	0.11	1.0	0.075	2.51	26.3	78.8	0.85	895	1.37	0.08	7.6	2.9	580
M897026		6.54	17.15	0.14	1.3	0.518	3.02	34.8	14.9	0.60	1020	1.15	0.04	6.0	4.8	660
M897027		0.50	0.31	0.06	<0.1	0.006	0.04	0.7	1.1	13.00	211	0.11	<0.01	0.2	1.2	180
M897028		4.43	16.80	0.06	1.1	0.125	2.58	24.6	52.1	0.85	1210	1.24	0.12	7.9	2.8	670
M897029		2.85	18.05	0.10	2.6	0.057	2.41	29.2	63.3	0.89	912	0.77	0.06	9.4	5.3	990
M897030		5.65	16.15	0.11	0.8	0.538	2.71	32.5	27.0	0.98	3250	25.8	0.07	5.6	3.4	490
M897031		2.76	16.80	0.10	0.9	0.140	2.72	23.0	57.2	0.89	1280	1.39	0.11	6.1	2.8	590
M897032		6.78	14.20	0.09	0.9	1.665	2.60	22.9	23.0	0.91	1860	13.15	0.04	6.0	16.0	440
M897033		8.03	15.00	0.12	0.7	0.307	2.71	39.4	11.5	0.89	3280	14.50	0.04	4.6	3.6	470
M897034		6.10	21.5	0.16	0.8	0.506	2.98	71.3	61.7	1.06	1980	2.42	0.07	5.3	7.3	650
M897035		6.74	21.6	0.09	0.7	7.82	2.50	19.3	16.4	0.70	2170	59.8	0.04	4.1	5.0	470
M897036		0.50	0.29	0.07	<0.1	0.014	0.03	0.8	0.9	13.25	218	0.27	<0.01	0.2	0.9	180
M897037		3.41	16.55	0.06	1.0	0.131	2.71	26.3	38.1	0.82	1080	4.66	0.05	8.0	2.9	620
M897038		4.68	16.55	0.09	1.1	0.153	3.18	28.3	24.8	0.93	1880	3.56	0.06	7.8	2.7	620
M897039		2.60	16.95	0.10	1.0	0.158	3.15	16.3	61.6	1.00	1350	1.11	0.15	6.3	3.0	590
M897040		2.30	15.95	0.08	0.9	0.306	2.77	9.8	45.4	0.88	1040	3.48	0.17	6.0	2.9	540
M897041		1.37	17.00	0.08	0.8	0.073	2.81	10.2	35.5	0.90	1260	3.20	0.21	5.9	2.9	540
M897042		1.56	17.85	0.09	1.0	0.053	2.45	14.6	88.0	0.67	715	0.89	0.17	6.1	3.2	610
M897043		1.63	17.80	0.10	1.0	0.054	2.43	14.7	89.0	0.67	741	0.98	0.18	5.9	3.2	610
M897045		4.70	14.80	0.10	0.8	0.593	2.41	15.5	33.6	0.56	1140	1.99	0.07	5.1	2.7	460
M897044		1.88	17.40	0.11	1.0	0.077	2.33	15.9	72.1	0.77	1120	0.60	0.12	6.7	2.6	590
M897046		2.81	18.15	0.12	1.0	0.341	2.63	16.9	70.1	0.74	1290	0.95	0.10	6.5	3.8	610
M897047		5.83	15.60	0.10	0.9	0.217	2.81	19.7	13.6	0.86	2370	3.58	0.04	5.8	2.7	480
M897048		3.51	16.15	0.11	1.1	0.263	2.88	23.2	17.0	0.93	1290	1.30	0.07	7.3	3.2	550
M897049		3.13	17.85	0.13	0.9	0.224	2.96	18.7	54.2	0.93	1250	0.64	0.10	6.4	3.3	570
M897050		2.90	16.80	0.10	1.0	0.211	2.26	20.7	187.0	0.60	1020	2.66	0.04	7.4	2.9	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12148780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897015		18.9	84.5	<0.002	0.06	3.28	12.2	1	2.2	362	0.74	<0.05	10.8	0.270	0.96	4.7
M897016		15.4	88.1	<0.002	0.10	2.82	11.5	1	2.2	353	0.66	<0.05	10.0	0.259	1.08	3.9
M897017		16.9	86.1	<0.002	0.09	2.54	10.8	1	1.9	351	0.63	<0.05	10.8	0.242	1.05	3.1
M897018		17.5	79.4	<0.002	0.09	3.20	10.7	1	1.9	360	0.61	<0.05	10.9	0.250	0.95	2.9
M897019		27.5	105.5	<0.002	0.24	7.57	9.8	1	2.2	164.5	0.44	0.08	10.6	0.187	1.83	3.0
M897020		9580	127.0	<0.002	7.18	219	7.7	2	8.1	117.5	0.41	0.54	8.8	0.180	2.08	5.0
M897021		278	151.5	<0.002	3.17	32.8	9.2	1	7.1	78.9	0.42	0.56	10.4	0.181	2.61	5.1
M897022		16.3	73.5	<0.002	0.08	16.85	6.7	1	1.3	356	0.70	<0.05	10.0	0.330	1.06	7.0
M897023		98.6	153.5	<0.002	1.09	21.5	11.0	1	3.9	120.0	0.59	0.16	13.5	0.221	2.60	9.3
M897024		17.0	141.5	<0.002	0.70	16.15	11.1	1	2.4	80.5	0.52	0.27	13.2	0.195	2.42	4.6
M897025		14.1	109.5	<0.002	0.42	13.60	11.3	1	1.8	139.0	0.60	0.06	12.5	0.232	2.17	3.5
M897026		142.0	204	<0.002	5.65	22.5	9.4	1	4.6	149.5	0.46	0.55	11.0	0.193	2.72	3.1
M897027		1.5	1.7	<0.002	0.03	0.10	0.3	<1	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M897028		34.9	108.5	<0.002	0.56	8.70	11.5	1	2.5	147.5	0.65	0.08	12.0	0.246	2.01	4.1
M897029		16.9	92.9	<0.002	0.23	14.70	9.0	1	2.1	290	0.65	<0.05	10.6	0.293	1.76	3.3
M897030		930	149.5	<0.002	3.42	94.9	10.2	1	5.4	108.0	0.43	0.44	11.3	0.179	2.44	5.4
M897031		83.5	127.0	<0.002	0.42	7.35	10.7	1	2.4	148.5	0.49	0.09	12.1	0.196	2.33	4.7
M897032		2820	156.0	0.002	4.90	87.1	8.4	1	7.6	90.1	0.45	0.41	10.7	0.178	2.22	5.0
M897033		280	177.0	<0.002	7.28	67.2	8.9	1	4.8	49.6	0.36	0.43	9.8	0.148	2.76	3.0
M897034		47.9	129.5	<0.002	2.49	18.10	12.2	1	4.4	85.6	0.38	0.31	11.0	0.172	2.66	4.1
M897035		4340	129.5	<0.002	7.41	78.3	9.3	3	48.7	80.7	0.29	0.14	8.6	0.135	2.79	4.7
M897036		6.5	1.6	<0.002	0.02	0.25	0.3	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897037		87.7	125.0	<0.002	0.81	19.00	11.5	<1	3.4	100.5	0.62	<0.05	12.9	0.253	2.62	5.4
M897038		125.0	169.5	<0.002	0.51	30.4	11.9	1	3.2	65.7	0.62	<0.05	13.8	0.243	3.11	6.6
M897039		169.5	171.5	<0.002	0.74	6.12	11.8	<1	3.3	86.9	0.50	0.10	14.4	0.201	2.78	4.8
M897040		157.0	171.5	0.002	1.13	8.22	10.5	1	2.4	113.0	0.49	0.23	12.6	0.187	2.64	4.6
M897041		110.0	186.0	0.002	0.49	7.25	12.6	1	2.4	110.0	0.48	0.09	12.8	0.184	2.59	2.6
M897042		20.3	157.5	<0.002	0.70	9.46	11.2	1	2.2	105.0	0.51	0.22	14.3	0.197	2.22	4.0
M897043		21.0	156.0	<0.002	0.80	10.90	11.9	1	2.3	109.5	0.50	0.25	14.4	0.192	2.22	4.3
M897045		181.0	159.5	<0.002	3.51	37.0	9.0	<1	4.0	42.9	0.41	0.33	11.1	0.160	2.33	3.9
M897044		26.4	140.5	<0.002	0.53	6.26	11.2	<1	2.4	115.5	0.51	0.10	12.4	0.218	2.22	4.2
M897046		111.5	155.0	<0.002	0.71	13.95	11.9	1	3.3	110.0	0.51	0.09	13.6	0.213	2.47	4.2
M897047		154.0	173.0	<0.002	2.30	23.7	9.6	<1	6.2	44.5	0.46	0.09	11.8	0.185	2.78	4.3
M897048		670	153.5	<0.002	0.98	8.04	11.0	1	2.4	79.5	0.61	0.21	13.7	0.224	2.57	6.3
M897049		92.0	157.5	<0.002	0.87	32.1	11.9	1	3.4	86.6	0.51	0.30	13.9	0.197	2.33	5.3
M897050		99.9	116.5	<0.002	0.49	24.7	11.1	1	2.8	133.5	0.61	0.06	14.2	0.226	2.04	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12148780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M897015		76	1.2	15.6	58	30.0		
M897016		71	1.4	15.4	53	27.1		
M897017		68	1.3	15.5	53	27.5		
M897018		68	1.5	15.5	48	28.2		
M897019		63	1.2	12.7	162	22.0		
M897020		50	4.3	9.3	>10000	31.4	116	1.615
M897021		57	5.3	7.4	966	24.8		
M897022		59	1.5	12.5	78	193.0		
M897023		63	5.4	12.6	253	39.0		
M897024		71	2.2	14.0	55	27.9		
M897025		69	3.0	14.6	52	28.8		
M897026		64	3.8	10.4	593	45.5		
M897027		<1	0.1	0.8	18	<0.5		
M897028		72	2.6	15.0	104	30.4		
M897029		66	1.8	13.8	89	103.0		
M897030		60	2.7	12.3	1300	22.3		
M897031		67	2.1	14.1	326	25.7		
M897032		55	5.0	10.4	5300	25.9		
M897033		58	4.3	9.9	633	18.9		
M897034		113	2.4	14.9	146	25.2		
M897035		75	4.1	11.2	>10000	20.9		2.85
M897036		1	0.2	0.8	46	<0.5		
M897037		73	4.4	13.6	310	28.1		
M897038		79	5.4	13.8	197	31.4		
M897039		77	2.2	13.4	363	26.2		
M897040		75	1.5	9.4	1080	24.0		
M897041		81	1.6	10.7	338	23.9		
M897042		69	1.3	12.1	49	27.4		
M897043		68	1.3	12.5	58	27.7		
M897045		51	2.8	9.9	1620	22.6		
M897044		71	2.1	13.6	84	29.9		
M897046		77	2.3	13.0	699	27.3		
M897047		57	5.1	9.1	477	23.6		
M897048		63	3.5	15.7	760	29.3		
M897049		78	4.3	14.4	536	27.0		
M897050		65	5.2	12.9	581	28.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-71

Finalized Date: 20-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12148780

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151246

Project: Klaza-71

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

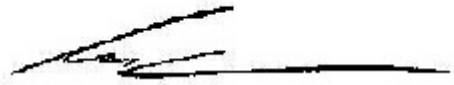
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12151246

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899051		9.89	0.022	0.40	7.06	44.8	1630	1.50	0.51	1.94	0.74	46.0	4.1	8	15.60	6.9
M899052		4.78	1.135	22.6	4.42	5710	100	0.92	31.2	3.06	7.31	25.9	3.1	8	9.87	1140
M899053		4.19	0.489	71.3	4.16	1220	260	0.84	110.0	5.56	151.0	24.6	1.4	6	15.30	1100
M899054		1.88	<0.005	0.12	0.07	14	50	0.12	0.19	20.8	0.68	1.25	1.0	2	0.18	4.8
M899055		6.78	0.086	1.96	7.27	129.5	690	1.25	2.15	2.26	3.51	38.6	2.2	9	12.35	22.4
M899056		6.58	0.014	0.89	7.07	20.6	680	1.42	1.40	2.41	1.53	39.7	2.2	9	8.50	9.5
M899057		9.94	0.029	1.15	6.88	35.6	640	1.32	1.77	2.14	1.57	36.6	3.0	9	7.83	20.4
M899058		1.79	0.021	0.62	6.76	17.9	560	1.42	1.28	1.93	0.92	33.2	3.9	9	7.33	19.4
M899059		3.78	0.029	0.46	7.01	14.6	700	1.40	0.93	2.13	0.68	35.9	5.6	9	6.37	3.0
M899060		0.21	2.32	24.4	5.81	3460	530	1.08	19.15	2.12	76.1	44.1	9.6	19	14.05	448
M899061		4.97	0.074	1.25	6.74	20.2	820	1.50	1.38	2.55	1.87	36.1	4.7	8	9.96	13.1
M899062		4.42	0.041	1.71	6.55	10.7	720	1.29	2.21	2.27	6.62	48.2	3.8	9	4.49	8.7
M899063		7.96	0.011	2.21	7.13	50.6	820	1.48	3.44	1.37	13.65	41.5	2.2	8	6.40	58.8
M899064		10.65	<0.005	0.35	6.54	9.6	530	1.70	0.55	2.91	1.00	29.4	2.2	9	8.98	6.3
M899065		5.30	<0.005	0.26	7.03	10.5	410	1.71	0.35	3.80	0.27	34.8	1.7	10	8.96	14.8
M899066		1.95	<0.005	0.20	7.42	9.8	370	1.62	0.28	3.94	0.24	36.4	1.5	9	9.77	17.9
M899067		7.01	<0.005	0.41	6.93	12.3	440	1.55	0.64	2.30	0.81	25.5	1.7	10	7.71	15.9
M899068		7.16	0.843	34.5	5.71	1150	1270	1.23	80.4	0.65	103.0	26.3	6.6	8	16.60	589
M899069		5.27	1.065	8.02	6.36	7530	580	1.26	15.15	0.71	3.57	42.8	5.0	8	12.75	125.0
M899070		2.62	<0.005	0.13	0.07	6	20	0.09	0.27	19.55	0.33	1.15	1.1	2	0.19	5.2
M899071		9.32	0.040	0.98	6.85	92.5	1080	1.49	1.14	2.64	2.21	33.6	2.6	10	12.10	11.1
M899072		9.52	0.121	0.64	6.57	371	540	1.57	1.06	2.74	0.94	36.5	3.8	9	12.25	9.4
M899073		7.29	0.024	0.59	6.74	58.7	540	1.67	0.73	3.01	2.15	29.1	2.8	9	9.94	13.7
M899074		<0.02	0.023	0.56	6.94	61.8	540	1.72	0.82	3.04	2.14	32.1	2.9	9	10.35	14.4
M899075		4.49	1.155	13.00	5.59	659	50	1.35	18.90	1.92	0.83	17.40	8.6	8	6.89	330
M899076		4.15	1.385	10.00	6.30	503	160	1.31	15.90	0.33	2.19	33.5	6.3	9	4.10	81.9
M899077		5.35	0.012	0.98	6.92	14.0	640	1.57	1.46	4.04	1.33	32.5	3.3	11	5.46	6.0
M899078		11.62	0.041	0.85	7.12	76.8	780	1.41	1.06	4.25	2.83	28.4	2.2	10	7.62	25.1
M899079		12.70	<0.005	0.19	6.91	8.6	560	1.69	0.40	4.42	0.17	30.5	2.2	10	7.62	9.9
M899080		11.90	<0.005	0.14	7.13	6.3	850	1.73	0.18	4.12	0.44	36.6	3.0	11	9.16	2.7
M899081		9.80	<0.005	0.15	7.10	6.3	540	1.72	0.20	4.45	0.24	32.6	2.2	10	8.25	1.7
M899082		0.22	0.770	9.26	6.37	1805	240	1.62	6.29	2.00	40.6	36.9	17.6	20	14.95	105.0
M899083		10.32	<0.005	0.13	7.29	8.9	900	1.66	0.17	3.67	0.29	38.0	2.7	10	9.70	2.2
M899084		11.28	<0.005	0.18	7.33	10.6	670	1.59	0.28	3.66	0.21	32.8	2.2	11	11.85	3.5
M899085		12.05	0.022	0.39	7.02	21.3	1660	1.60	0.38	3.24	0.33	32.1	3.9	11	11.30	4.9
M899086		11.86	<0.005	0.19	7.75	8.0	750	1.81	0.26	4.14	0.18	35.1	2.8	11	10.80	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12151246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899051		2.90	16.80	0.10	1.0	0.101	2.28	22.0	208	0.74	1120	1.36	0.05	7.6	2.5	550
M899052		8.18	11.90	0.16	0.5	0.708	1.98	11.4	12.0	1.12	2230	2.17	0.03	3.4	2.5	290
M899053		5.06	12.40	0.12	0.5	2.28	1.71	11.0	11.9	1.72	4500	7.62	0.05	3.4	2.0	280
M899054		0.47	0.28	<0.05	<0.1	0.020	0.02	0.6	0.9	13.20	215	0.11	<0.01	0.2	2.5	160
M899055		2.97	17.40	0.11	0.9	0.233	3.40	14.8	10.7	0.91	1520	1.22	0.06	5.9	2.4	540
M899056		2.41	16.70	0.10	1.0	0.162	2.88	14.5	45.6	0.98	1110	0.64	0.15	6.2	2.2	530
M899057		2.47	15.85	0.10	0.8	0.185	2.62	13.3	53.4	0.74	1580	1.50	0.13	5.7	2.1	490
M899058		1.67	17.25	0.09	0.9	0.134	2.11	11.9	72.0	0.47	756	2.23	0.12	6.2	2.0	560
M899059		1.78	17.50	0.10	0.8	0.147	2.19	12.5	34.9	0.72	891	6.11	0.13	5.9	2.2	570
M899060		6.33	13.55	0.17	0.9	1.820	2.59	24.0	19.5	0.89	1810	12.80	0.04	5.7	14.0	430
M899061		2.38	16.15	0.11	0.7	0.267	2.53	14.3	41.3	0.95	1460	44.8	0.13	5.0	2.4	700
M899062		2.22	15.60	0.11	0.7	0.435	2.79	21.1	51.7	0.83	1600	24.6	0.09	5.7	2.2	580
M899063		3.20	17.20	0.13	0.7	0.725	2.71	15.2	69.1	0.70	1560	5.46	0.08	5.2	1.4	550
M899064		1.25	16.80	0.10	0.9	0.142	1.80	11.0	95.5	0.78	748	2.42	0.50	6.7	2.2	500
M899065		1.34	17.25	0.09	1.1	0.135	0.83	12.8	20.4	0.75	673	0.37	2.79	8.3	2.1	590
M899066		1.32	17.15	0.10	1.1	0.130	0.76	14.2	22.6	0.75	722	0.30	2.71	8.3	2.2	610
M899067		1.50	17.30	0.10	0.9	0.247	2.17	8.4	39.9	0.52	834	0.34	0.75	6.8	2.0	540
M899068		7.16	14.60	0.20	0.7	3.80	2.67	9.9	13.9	0.45	1080	40.9	0.05	4.9	2.6	450
M899069		6.87	15.25	0.19	0.8	0.604	3.08	17.9	8.7	0.46	744	6.54	0.04	5.8	2.5	470
M899070		0.47	0.25	0.05	<0.1	0.018	0.03	0.5	0.8	12.35	216	0.25	<0.01	0.2	2.8	170
M899071		2.85	14.95	0.18	0.9	0.271	3.35	13.4	20.9	0.97	1840	2.18	0.05	6.5	1.6	530
M899072		2.87	14.45	0.18	1.0	0.154	2.47	16.6	57.1	0.97	1300	1.16	0.06	7.4	3.0	520
M899073		2.52	15.80	0.15	1.0	0.233	2.70	11.9	19.4	0.69	1200	0.55	0.63	7.9	2.3	560
M899074		2.51	16.05	0.18	1.0	0.234	2.73	13.5	19.5	0.70	1200	0.47	0.63	7.8	2.2	570
M899075		10.85	14.15	0.19	0.7	0.356	2.50	6.1	34.3	0.76	1440	21.2	0.04	4.9	2.6	1490
M899076		8.62	14.95	0.19	0.7	0.270	3.09	12.9	27.5	0.42	765	4.62	0.05	5.5	1.7	500
M899077		2.43	15.85	0.13	0.8	0.288	2.93	11.6	22.8	0.79	1500	1.61	0.37	6.0	1.6	590
M899078		3.15	15.80	0.16	0.9	0.284	1.94	10.3	24.2	0.76	1220	0.64	0.94	6.9	1.7	570
M899079		1.81	16.05	0.15	1.0	0.136	1.21	11.9	14.5	0.71	705	0.76	2.44	7.9	2.0	590
M899080		2.05	16.10	0.14	1.1	0.072	1.23	16.3	20.5	0.89	625	1.00	2.42	8.2	2.3	560
M899081		1.39	16.00	0.15	1.0	0.072	0.92	13.2	26.5	0.86	573	1.01	2.59	8.1	1.9	550
M899082		5.34	14.70	0.19	1.4	0.838	2.96	18.7	27.9	0.71	1930	13.00	0.28	7.5	15.5	470
M899083		1.91	15.65	0.16	1.0	0.042	1.22	17.3	21.6	0.98	534	0.84	2.88	8.1	2.2	560
M899084		1.55	16.05	0.17	0.9	0.057	0.83	12.9	26.1	1.09	563	0.74	2.69	8.4	2.1	610
M899085		2.45	15.95	0.17	1.1	0.063	1.58	13.7	28.1	0.64	498	0.70	1.54	7.9	2.5	600
M899086		2.03	17.90	0.16	1.0	0.061	1.12	13.9	25.2	0.95	591	0.78	3.17	8.7	2.2	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12151246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899051		51.4	99.3	<0.002	0.62	14.90	8.9	1	2.6	148.5	0.67	<0.05	13.9	0.235	2.42	4.5
M899052		367	135.0	<0.002	7.48	232	5.5	1	7.8	87.0	0.30	0.30	7.5	0.116	2.07	3.1
M899053		5180	103.5	<0.002	3.21	117.5	4.6	2	24.4	87.7	0.30	0.21	7.9	0.111	1.95	3.3
M899054		9.8	1.4	<0.002	0.02	0.52	0.2	1	0.2	46.7	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M899055		158.0	223	<0.002	1.43	10.80	9.1	1	5.4	52.9	0.51	0.11	15.2	0.188	3.64	3.8
M899056		57.4	178.5	<0.002	0.41	6.79	9.0	1	3.2	84.3	0.62	0.15	16.2	0.186	2.97	4.9
M899057		85.4	164.5	<0.002	0.76	15.40	8.9	1	3.4	87.2	0.52	0.33	13.8	0.179	2.66	3.6
M899058		31.1	104.0	<0.002	0.55	24.1	8.8	1	3.2	102.5	0.53	0.55	13.1	0.199	2.01	2.6
M899059		35.2	115.5	0.002	0.55	10.20	10.4	1	3.4	89.6	0.51	0.35	14.0	0.187	2.28	3.5
M899060		2670	154.0	0.002	4.91	90.3	6.8	1	8.0	88.2	0.47	0.34	11.0	0.177	2.26	5.6
M899061		71.8	157.0	0.007	0.52	14.95	10.6	1	3.9	79.5	0.41	0.50	13.0	0.160	2.61	3.1
M899062		64.3	163.0	0.002	0.41	10.30	12.0	1	3.5	70.5	0.46	0.38	13.9	0.169	2.84	4.1
M899063		392	180.5	<0.002	0.58	23.7	9.3	1	5.0	56.7	0.45	0.38	14.8	0.160	2.88	3.9
M899064		28.3	82.5	<0.002	0.14	9.42	9.3	1	3.0	165.5	0.59	0.21	12.0	0.206	1.96	4.3
M899065		21.0	38.0	<0.002	0.10	4.21	11.0	1	2.6	411	0.74	0.09	12.9	0.243	0.97	4.1
M899066		19.0	37.2	<0.002	0.07	4.58	10.6	1	2.5	413	0.75	0.07	13.8	0.242	0.87	4.3
M899067		24.0	125.5	<0.002	0.20	9.49	9.6	1	2.9	128.5	0.62	0.13	12.5	0.207	2.28	3.4
M899068		1060	173.5	0.003	6.89	137.5	7.4	2	15.3	37.1	0.45	1.29	11.0	0.157	2.70	6.5
M899069		196.5	204	<0.002	6.06	40.4	8.2	1	6.8	27.3	0.55	0.75	12.4	0.170	2.83	3.3
M899070		4.1	1.5	<0.002	0.03	0.48	0.2	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M899071		113.0	191.0	<0.002	0.52	11.15	10.1	1	4.0	58.5	0.51	0.23	10.8	0.195	2.95	3.1
M899072		35.9	107.0	<0.002	0.55	19.60	9.5	1	3.2	73.8	0.55	0.08	10.3	0.221	2.56	5.5
M899073		44.4	137.0	<0.002	0.54	6.79	9.3	1	4.3	140.0	0.60	0.06	9.8	0.221	2.35	3.9
M899074		47.0	151.5	<0.002	0.56	6.70	9.8	2	4.3	142.0	0.60	0.07	10.7	0.221	2.49	4.2
M899075		223	138.5	0.015	8.65	53.5	8.6	2	7.6	53.8	0.40	2.93	12.3	0.148	1.91	4.9
M899076		1170	189.0	<0.002	6.89	28.2	8.4	1	7.1	14.9	0.44	0.64	10.8	0.165	2.24	2.1
M899077		37.8	139.0	<0.002	0.46	4.75	9.5	1	3.4	126.0	0.45	0.48	9.8	0.182	2.46	2.9
M899078		96.0	92.6	<0.002	0.78	8.10	9.5	2	3.0	221	0.54	0.18	10.4	0.207	1.79	3.3
M899079		15.9	44.2	<0.002	0.09	4.73	9.3	2	2.7	344	0.62	0.08	9.4	0.233	1.05	2.9
M899080		18.9	42.2	<0.002	0.04	4.02	10.0	1	2.4	354	0.63	<0.05	10.9	0.240	0.73	3.1
M899081		17.0	28.1	<0.002	0.05	3.07	9.5	1	2.2	354	0.64	<0.05	10.1	0.237	0.60	3.0
M899082		1335	142.0	<0.002	3.02	33.3	8.6	2	5.6	147.5	0.56	0.30	10.3	0.202	2.37	4.7
M899083		16.1	40.6	<0.002	0.05	2.41	9.9	1	2.1	427	0.65	<0.05	11.2	0.233	0.59	3.1
M899084		13.4	28.8	<0.002	0.08	3.19	10.4	2	2.5	423	0.63	0.05	10.8	0.246	0.48	2.7
M899085		45.4	52.5	<0.002	0.33	8.89	10.3	2	2.6	305	0.58	0.08	8.9	0.252	0.88	2.7
M899086		16.9	38.2	<0.002	0.07	3.95	11.9	1	2.6	455	0.61	0.06	9.4	0.281	0.67	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12151246

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M899051		69	6.5	13.8	102	27.7	
M899052		56	5.1	8.6	633	13.7	
M899053		43	3.9	9.0	>10000	12.4	1.180
M899054		1	0.1	0.8	68	<0.5	
M899055		68	2.6	12.0	340	22.5	
M899056		69	1.7	12.0	162	24.1	
M899057		66	1.7	11.6	153	20.2	
M899058		68	1.7	11.5	110	22.8	
M899059		79	1.1	12.6	91	21.2	
M899060		57	5.8	10.6	5200	23.4	
M899061		103	1.3	12.7	189	18.6	
M899062		85	1.8	10.8	567	18.4	
M899063		60	1.7	10.2	863	18.4	
M899064		77	1.4	12.9	106	23.2	
M899065		72	0.7	17.0	58	27.7	
M899066		67	0.6	16.7	56	27.9	
M899067		63	1.4	11.9	105	22.5	
M899068		48	4.5	9.8	7150	17.6	
M899069		56	5.1	10.9	315	20.8	
M899070		2	0.1	0.9	33	<0.5	
M899071		59	3.7	11.4	213	23.7	
M899072		71	9.2	12.4	107	25.7	
M899073		66	2.6	11.5	205	26.8	
M899074		67	2.7	12.2	202	26.1	
M899075		104	5.1	8.4	111	19.1	
M899076		45	5.3	7.3	183	17.6	
M899077		59	1.0	11.6	138	20.1	
M899078		59	1.7	12.0	300	23.3	
M899079		61	0.7	13.3	49	26.6	
M899080		64	1.0	15.4	68	28.3	
M899081		61	1.0	15.3	47	26.0	
M899082		56	5.1	10.6	2930	39.3	
M899083		64	1.1	14.9	49	27.0	
M899084		64	1.4	13.9	55	25.6	
M899085		73	3.1	14.1	58	31.4	
M899086		75	1.2	15.2	56	27.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-71

Finalized Date: 19-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151246

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151247

Project: Klaza - 72

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

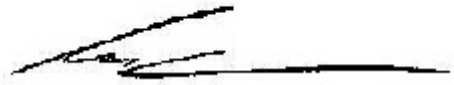
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza - 72

CERTIFICATE OF ANALYSIS WH12151247

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829735		2.87	0.005	0.53	7.04	27.6	2070	1.44	0.38	2.84	0.95	51.3	9.6	9	10.90	7.6
N829736		3.76	<0.005	0.85	7.24	17.5	1740	1.43	0.33	2.89	0.50	47.2	7.4	8	11.90	18.1
N829737		4.81	0.019	2.22	6.71	44.3	1330	1.30	0.53	2.60	0.70	42.6	7.2	9	22.9	14.5
N829738		2.53	0.007	1.39	6.37	88.9	1280	1.15	1.30	2.89	0.82	38.9	7.0	8	19.10	26.8
N829739		4.32	<0.005	0.57	6.56	27.3	1540	1.26	1.74	2.67	0.39	37.0	7.0	10	18.60	28.3
N829740		0.22	2.31	24.6	6.23	3640	220	1.35	18.95	2.30	79.4	45.9	10.1	20	15.00	457
N829741		2.63	0.063	6.92	6.81	404	940	1.23	1.89	1.73	10.45	36.9	6.8	9	16.40	58.7
N829742		2.72	0.017	2.46	7.40	296	1930	1.47	40.0	2.86	1.56	48.7	7.4	8	18.05	69.3
N829743		7.26	0.024	2.45	7.24	218	1440	1.43	9.74	2.77	2.65	44.8	6.7	10	14.10	53.5
N829744		3.65	0.119	3.87	7.33	197.0	1320	1.45	3.04	2.29	4.52	51.9	7.8	11	18.90	67.1
N829745		2.07	0.155	12.00	6.40	865	670	1.23	36.8	1.73	17.05	42.0	7.2	8	13.80	70.9
N829746		3.59	<0.005	0.06	0.09	<5	30	0.07	0.07	21.6	0.08	1.56	0.8	<1	0.35	2.7
N829747		2.64	<0.005	0.34	7.60	39.4	2010	1.46	4.19	2.84	0.87	46.3	7.1	10	12.85	50.0
N829748		8.57	<0.005	0.34	7.99	7.5	2050	1.53	1.91	2.81	0.24	53.0	7.8	11	10.95	81.8
N829749		1.99	0.006	0.58	7.38	59.0	1360	1.44	2.97	2.42	0.27	51.0	8.5	11	21.1	181.5
N829750		7.17	<0.005	0.31	7.61	8.6	1940	1.73	1.84	2.51	0.14	45.8	7.8	11	14.80	81.0
N829801		2.65	<0.005	0.10	7.82	7.0	1960	1.88	0.23	2.55	0.14	44.0	6.7	9	22.3	28.6
N829802		5.88	0.008	0.50	7.08	39.0	1460	1.58	0.43	2.15	0.93	41.7	8.3	10	21.3	40.0
N829803		2.02	<0.005	0.02	0.08	<5	20	0.06	0.01	22.3	0.06	1.34	0.6	1	0.23	1.6
N829804		6.48	<0.005	0.11	7.66	6.9	2180	1.60	0.29	2.80	0.14	45.6	8.0	10	8.31	17.4
N829805		3.04	<0.005	0.10	7.45	14.0	1870	1.48	0.33	2.96	0.09	48.5	8.0	12	16.55	21.8
N829806		5.51	<0.005	0.11	7.89	7.0	2170	1.80	0.44	3.07	0.10	50.2	9.6	12	9.77	38.3
N829807		8.11	<0.005	0.17	7.63	23.5	2070	1.49	3.51	2.80	0.68	43.9	7.8	12	8.59	47.9
N829808		6.46	<0.005	0.09	7.66	13.1	2180	1.63	0.49	2.53	0.18	43.0	8.7	10	11.00	26.1
N829809		<0.02	<0.005	0.09	7.95	13.7	2230	1.61	0.76	2.61	0.22	44.4	8.8	11	11.60	25.9
N829810		6.31	<0.005	0.40	7.74	20.2	1940	1.31	1.28	2.16	1.52	49.7	7.9	9	16.35	31.2
N829811		8.46	<0.005	0.24	7.37	26.2	2020	1.48	3.46	2.62	0.86	43.5	7.9	12	10.60	42.5
N829812		8.31	<0.005	0.17	7.56	16.9	2130	1.52	5.70	2.94	0.15	46.0	7.8	11	9.34	30.4
N829813		5.51	<0.005	0.44	7.14	72.1	2640	1.23	6.13	1.87	0.38	37.5	7.6	12	19.00	62.1
N829814		8.11	<0.005	0.32	7.67	22.1	2170	1.65	7.92	2.80	0.16	46.4	7.7	11	8.72	57.8
N829815		7.93	<0.005	0.09	7.37	7.0	2150	1.56	1.60	2.71	0.10	39.0	7.9	16	7.61	23.2
N829816		3.71	<0.005	0.09	7.90	6.3	2170	1.61	1.18	2.84	0.10	54.9	8.3	13	8.60	21.2
N829817		7.73	<0.005	0.08	7.51	5.0	2060	1.62	2.72	2.75	0.12	46.1	7.5	12	8.69	11.7
N829818		6.39	<0.005	0.10	7.21	5.6	1970	1.54	0.44	2.84	0.11	44.3	7.9	11	10.05	10.3
N829819		0.22	0.789	8.57	6.52	1785	740	1.40	5.95	1.81	39.5	44.8	14.9	19	16.35	103.5
N829820		5.34	<0.005	0.35	7.38	13.3	1450	1.23	0.99	1.90	0.25	43.0	8.5	10	18.05	17.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza - 72

CERTIFICATE OF ANALYSIS WH12151247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829735		4.12	16.85	0.08	1.1	0.084	2.57	25.9	33.6	0.83	2940	1.62	1.18	7.4	3.0	580
N829736		3.70	17.45	0.09	1.3	0.111	3.37	23.2	15.1	0.83	2300	1.02	0.91	8.1	3.1	600
N829737		3.15	14.05	0.22	1.3	0.068	2.88	21.2	47.6	0.78	3190	0.96	0.46	6.9	1.9	590
N829738		3.10	13.10	0.22	1.0	0.084	2.32	19.5	63.3	0.83	2880	1.46	0.32	6.4	1.9	540
N829739		2.90	13.55	0.25	1.1	0.062	2.44	17.6	43.9	0.74	1170	1.04	1.10	6.8	1.9	570
N829740		7.04	13.55	0.12	1.0	1.765	2.71	23.5	24.8	0.94	1950	12.35	0.04	5.6	16.6	460
N829741		4.38	14.30	0.10	1.1	0.129	3.21	18.8	38.8	0.64	10700	0.77	0.24	6.4	2.6	560
N829742		3.71	14.40	0.13	1.2	0.100	3.13	25.3	64.7	0.89	2490	1.13	0.47	7.0	2.9	590
N829743		3.83	14.55	0.15	1.2	0.103	3.41	22.8	15.3	0.76	3820	1.10	0.81	6.9	2.7	620
N829744		3.76	15.10	0.17	1.2	0.101	3.16	25.9	33.1	0.73	2900	0.98	0.75	7.5	3.0	620
N829745		4.62	13.65	0.14	1.0	0.128	2.86	20.6	27.4	0.67	8780	1.72	0.03	6.2	3.2	510
N829746		0.49	0.26	0.14	<0.1	0.008	0.04	0.7	1.4	12.70	221	0.13	<0.01	0.2	1.8	180
N829747		3.24	14.60	0.17	1.3	0.057	2.90	22.1	18.8	0.82	1180	1.09	1.76	7.1	2.9	620
N829748		3.28	16.35	0.16	1.3	0.041	2.76	26.8	16.4	0.91	695	1.17	2.16	8.0	3.1	640
N829749		3.23	14.95	0.17	1.6	0.059	2.63	24.3	72.2	0.81	931	1.78	0.63	8.1	2.9	620
N829750		3.58	15.80	0.14	1.4	0.048	2.68	23.0	18.6	0.88	615	1.13	1.76	7.9	3.0	640
N829801		3.75	15.75	0.13	1.5	0.042	2.82	20.9	102.5	0.72	539	1.26	0.97	8.3	2.7	650
N829802		3.05	14.95	0.14	1.2	0.045	2.66	21.2	202	0.72	1400	1.08	0.11	7.2	3.1	570
N829803		0.49	0.22	0.14	<0.1	<0.005	0.02	0.7	1.4	13.40	213	0.13	<0.01	0.2	1.6	160
N829804		3.35	15.45	0.19	1.2	0.050	2.58	22.2	13.7	0.93	671	1.08	2.08	7.4	2.8	640
N829805		3.16	15.50	0.20	1.1	0.056	2.58	23.7	14.3	0.81	742	0.78	1.83	7.7	3.1	640
N829806		3.62	16.70	0.18	1.3	0.059	2.55	23.7	15.1	1.03	732	0.96	2.24	8.7	3.5	710
N829807		3.28	15.80	0.19	1.2	0.061	2.58	20.4	17.9	0.91	672	1.00	2.22	7.6	3.3	640
N829808		3.51	16.10	0.15	1.2	0.058	2.56	20.3	21.9	0.94	625	1.24	1.89	8.1	3.1	760
N829809		3.60	16.75	0.15	1.2	0.063	2.61	21.2	22.8	0.97	642	1.24	1.96	8.4	3.1	780
N829810		3.23	16.25	0.14	1.3	0.086	2.67	24.1	27.6	0.74	820	1.29	0.57	8.0	3.1	650
N829811		3.11	15.85	0.14	1.2	0.073	2.49	20.7	16.8	0.78	645	45.2	1.88	7.7	3.1	620
N829812		3.20	15.90	0.16	1.2	0.056	2.62	22.0	15.0	0.88	686	1.15	2.27	7.8	3.1	640
N829813		2.99	15.35	0.12	1.3	0.071	2.54	17.5	34.2	0.58	1040	1.20	0.15	7.6	2.9	610
N829814		3.24	15.75	0.14	1.3	0.071	2.70	22.0	15.1	0.85	718	1.22	2.21	7.9	3.1	630
N829815		3.14	16.00	0.16	1.3	0.039	2.56	19.4	16.0	0.89	661	1.24	2.32	8.1	3.8	530
N829816		3.26	16.40	0.17	1.4	0.039	2.63	26.5	15.9	0.93	681	1.01	2.32	8.2	3.2	660
N829817		3.04	15.55	0.16	1.5	0.036	2.56	21.9	19.0	0.86	659	0.85	2.32	8.0	2.8	620
N829818		3.10	15.80	0.14	1.2	0.054	2.47	21.2	14.8	0.83	685	0.94	2.18	8.3	3.0	620
N829819		5.13	13.55	0.13	1.4	0.939	2.76	23.4	23.8	0.67	1900	11.10	0.26	6.6	15.9	470
N829820		3.30	16.30	0.13	1.2	0.098	2.29	20.3	39.0	0.61	1160	1.22	0.09	8.0	3.2	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza - 72

CERTIFICATE OF ANALYSIS WH12151247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829735		114.5	133.5	<0.002	0.78	17.55	11.4	2	1.9	262	0.62	<0.05	12.7	0.254	1.36	4.9
N829736		88.2	173.5	<0.002	0.19	21.2	11.5	2	2.4	230	0.71	<0.05	12.8	0.263	2.11	5.1
N829737		262	125.0	<0.002	0.37	87.5	10.0	1	2.4	180.5	0.65	<0.05	13.5	0.264	1.86	3.6
N829738		400	98.9	<0.002	0.52	32.9	8.8	1	3.8	214	0.55	<0.05	12.9	0.241	1.85	5.0
N829739		86.0	85.2	<0.002	0.25	25.9	9.2	1	2.5	276	0.57	<0.05	12.7	0.255	1.40	3.6
N829740		2900	148.0	0.003	5.09	87.2	8.2	1	7.3	90.9	0.46	0.40	11.5	0.189	2.67	5.6
N829741		2210	172.0	<0.002	1.94	1210	10.1	<1	3.2	102.5	0.58	<0.05	12.4	0.245	3.06	4.1
N829742		122.5	138.0	<0.002	0.58	42.1	10.8	1	2.5	195.0	0.60	0.19	14.5	0.255	2.48	5.0
N829743		167.5	157.0	0.003	0.63	25.4	10.4	1	2.6	212	0.59	0.06	13.2	0.258	2.57	5.1
N829744		163.5	160.5	0.002	1.20	29.3	11.7	<1	3.4	196.0	0.65	0.08	15.3	0.268	2.36	4.0
N829745		728	161.0	<0.002	2.27	54.0	9.9	1	4.1	61.5	0.53	0.22	13.3	0.228	2.60	6.0
N829746		2.9	2.0	<0.002	0.01	0.22	0.3	1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829747		41.1	105.0	<0.002	0.23	5.59	10.6	1	2.6	348	0.62	<0.05	14.3	0.267	1.58	5.2
N829748		24.8	111.5	<0.002	0.15	2.88	12.2	1	3.3	391	0.68	0.05	15.5	0.285	1.29	4.8
N829749		26.6	96.6	0.002	0.31	29.1	12.1	1	4.2	221	0.73	0.06	16.0	0.279	2.10	5.4
N829750		22.0	98.7	<0.002	0.12	6.13	11.9	1	3.1	343	0.67	<0.05	14.7	0.287	1.34	5.3
N829801		21.6	100.0	0.002	0.03	6.84	11.1	1	4.9	278	0.79	<0.05	14.6	0.282	1.31	3.8
N829802		86.4	104.0	0.002	0.22	34.6	10.8	<1	3.2	137.5	0.59	0.09	12.7	0.255	2.23	5.5
N829803		1.5	1.3	0.002	0.01	0.13	0.2	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829804		21.0	84.2	0.002	0.07	2.74	11.3	1	2.1	403	0.61	<0.05	13.1	0.277	1.06	3.4
N829805		15.6	96.3	0.002	0.11	18.70	11.5	<1	1.8	327	0.62	0.05	13.8	0.278	1.42	5.0
N829806		18.3	89.9	<0.002	0.16	2.28	13.2	2	2.3	432	0.65	<0.05	12.7	0.308	1.17	3.5
N829807		28.6	87.5	0.002	0.24	4.99	11.4	1	2.8	411	0.60	<0.05	12.0	0.278	1.21	4.2
N829808		30.9	84.0	0.003	0.22	4.26	11.9	1	2.7	380	0.64	<0.05	12.0	0.312	1.23	3.6
N829809		30.3	87.3	<0.002	0.22	4.32	12.3	<1	2.8	396	0.65	0.06	12.8	0.315	1.15	4.0
N829810		72.5	95.4	<0.002	0.24	12.75	12.2	1	3.1	184.0	0.67	<0.05	14.3	0.291	1.52	4.7
N829811		64.6	84.3	0.131	0.25	8.79	11.0	1	2.7	368	0.61	<0.05	12.6	0.271	1.15	4.2
N829812		25.9	89.1	<0.002	0.13	3.96	11.3	1	2.2	446	0.65	0.08	12.8	0.281	1.22	4.1
N829813		36.2	84.3	<0.002	0.24	33.9	10.9	<1	3.5	137.0	0.65	0.09	12.4	0.269	1.64	9.0
N829814		33.7	89.4	<0.002	0.16	3.77	11.1	1	2.5	411	0.71	0.10	13.3	0.277	1.13	5.0
N829815		20.7	82.9	<0.002	0.10	2.48	11.0	1	2.1	420	0.73	<0.05	11.8	0.280	1.14	4.6
N829816		19.9	99.1	<0.002	0.11	2.24	12.6	1	2.0	431	0.70	0.05	14.5	0.289	1.05	5.4
N829817		21.0	91.4	0.003	0.04	1.87	10.7	<1	1.8	422	0.76	<0.05	13.0	0.267	1.12	5.3
N829818		19.6	83.5	0.003	0.08	2.18	11.4	<1	2.0	398	0.72	<0.05	11.5	0.274	1.06	4.0
N829819		1260	141.5	0.002	3.03	30.3	8.3	1	5.2	147.0	0.56	0.31	12.9	0.206	2.53	5.4
N829820		27.8	71.9	<0.002	0.29	21.5	12.2	1	2.7	110.5	0.60	0.05	11.8	0.294	1.30	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza - 72

CERTIFICATE OF ANALYSIS WH12151247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N829735		72	2.9	15.8	103	25.9
N829736		75	3.1	16.9	132	29.5
N829737		80	2.9	12.9	101	28.5
N829738		71	3.4	11.7	135	22.5
N829739		75	2.2	11.5	82	23.8
N829740		59	5.0	10.1	5370	23.6
N829741		70	4.0	11.6	956	23.3
N829742		73	3.5	16.0	184	27.4
N829743		73	3.1	15.2	346	26.0
N829744		76	2.9	16.1	704	27.7
N829745		65	3.3	11.6	1490	23.4
N829746		4	0.1	1.0	18	<0.5
N829747		78	1.1	15.6	115	28.7
N829748		78	1.0	18.9	59	28.9
N829749		82	1.6	17.8	63	32.9
N829750		84	1.2	17.0	58	29.6
N829801		81	1.0	15.8	57	32.7
N829802		74	1.5	13.8	136	25.6
N829803		3	0.1	0.9	15	<0.5
N829804		80	0.6	16.3	57	25.5
N829805		80	0.8	13.8	50	25.4
N829806		93	0.7	18.6	58	29.4
N829807		80	0.8	16.2	94	26.4
N829808		90	1.3	16.1	69	27.9
N829809		93	1.6	16.4	71	28.0
N829810		83	2.7	16.4	199	27.8
N829811		77	10.5	16.4	120	25.4
N829812		80	1.1	17.0	57	28.0
N829813		78	2.5	14.9	80	28.0
N829814		79	1.1	16.8	57	28.0
N829815		80	1.8	16.5	53	29.3
N829816		81	1.5	19.9	53	30.9
N829817		76	0.9	17.6	51	29.6
N829818		78	1.1	17.0	56	28.6
N829819		57	4.9	11.5	2920	34.4
N829820		83	5.3	15.6	80	27.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza - 72

CERTIFICATE OF ANALYSIS WH12151247

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151248

Project: Klaza-72

P.O. No.: Batch 2

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-72

CERTIFICATE OF ANALYSIS WH12151248

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N829821		4.12	<0.005		0.11	7.55	8.8	1820	1.40	0.33	1.73	0.09	48.8	9.1	14	16.15
N829822		6.98	<0.005		0.24	7.60	10.3	1240	1.60	0.70	2.04	0.89	54.7	8.2	11	15.35
N829823		7.65	0.021		0.10	7.99	17.9	1270	1.52	0.42	1.56	0.25	53.1	8.2	15	17.85
N829824		4.02	>10.0	10.60	23.2	5.13	>10000	1310	0.98	8.56	1.33	104.0	26.0	16.6	9	7.79
N829825		2.36	<0.005		0.03	0.16	14	30	0.23	0.03	22.3	0.19	1.43	1.0	<1	1.12
N829826		3.64	0.241		1.99	6.84	689	1520	1.45	0.40	2.56	7.87	41.4	9.3	11	19.25
N829827		5.27	0.011		0.25	7.68	86.2	1980	1.67	0.27	3.44	0.36	44.5	8.5	14	15.85
N829828		5.77	<0.005		0.12	7.90	8.1	1930	1.63	0.32	2.53	0.17	43.5	8.3	12	16.00
N829829		0.26	2.49		25.8	6.50	3470	1110	1.36	17.60	2.39	82.2	43.0	10.8	18	14.90
N829830		6.59	<0.005		0.13	7.59	17.4	1840	1.49	0.22	2.81	0.25	40.6	9.1	10	21.6
N829831		4.21	<0.005		0.21	8.30	12.0	2870	1.40	0.20	1.53	0.16	46.1	7.5	12	23.1
N829832		6.19	<0.005		0.12	7.92	6.9	2400	1.61	0.23	3.13	0.13	48.2	8.6	15	10.70
N829833		6.27	<0.005		0.11	8.36	8.8	2330	1.57	0.47	2.81	0.18	51.6	8.4	14	15.35
N829834		<0.02	<0.005		0.13	8.01	18.8	2240	1.53	0.46	2.68	0.21	47.8	8.3	17	15.05
N829835		8.26	<0.005		0.17	7.90	14.9	2080	1.62	0.42	3.68	0.18	45.5	8.8	12	12.25
N829836		4.74	0.011		0.41	7.79	52.9	1040	1.76	0.65	5.42	0.23	46.8	8.8	14	21.5
N829837		3.36	0.183		1.27	9.04	136.0	220	1.90	1.94	3.57	6.00	49.2	8.6	7	16.10
N829838		0.26	4.49		>100	5.75	7990	1250	1.26	56.2	2.04	236	33.1	9.5	18	11.85
N829839		4.01	0.084		0.61	8.45	52.5	1080	1.82	0.92	1.99	0.95	52.8	10.5	8	15.80
N829840		3.65	0.279		1.77	8.45	162.0	780	1.70	1.34	1.87	6.23	46.4	8.7	7	11.05
N829841		4.32	4.48		15.10	5.26	>10000	1140	1.07	17.00	0.66	43.2	27.3	9.7	10	7.15
N829842		5.11	0.010		0.14	7.86	46.8	830	1.80	0.18	2.53	0.21	71.9	8.0	23	30.7
N829843		2.51	0.276		5.63	8.08	938	430	2.10	1.16	2.41	3.85	68.0	6.4	14	33.0
N829844		4.67	2.33		24.2	6.86	>10000	320	1.30	15.00	1.51	28.3	38.3	13.5	7	11.00
N829845		3.62	<0.005		0.06	0.14	19	20	0.07	0.04	21.4	0.12	1.41	1.0	<1	0.39
N829846		2.00	0.229		1.19	8.82	130.0	610	1.73	2.92	0.55	2.70	56.9	26.8	8	14.70
N829847		5.49	0.174		0.93	8.07	105.5	520	1.81	1.31	0.71	1.96	47.4	10.5	8	12.25
N829848		6.72	0.074		1.23	8.41	172.5	720	1.64	0.93	0.44	5.89	59.9	8.3	9	10.45
N829849		6.16	0.053		3.13	8.07	152.5	630	1.54	0.57	0.66	24.0	58.2	10.5	9	14.55
N829850		2.62	0.496		8.11	7.32	788	430	1.45	2.08	0.73	34.3	49.3	15.4	11	17.40
N829851		4.13	<0.005		0.41	7.06	26.1	620	1.47	0.22	2.06	0.59	51.6	7.3	12	18.00
N829852		1.96	0.033		0.50	6.95	118.5	480	1.34	0.23	2.09	0.74	50.9	7.1	12	22.2
N829853		6.74	<0.005		0.16	7.45	11.2	1670	1.50	0.22	2.54	0.21	50.1	7.6	19	15.05
N829854		8.56	<0.005		0.13	7.24	5.8	1790	1.45	0.23	2.42	0.15	49.5	8.0	15	9.67

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-72

CERTIFICATE OF ANALYSIS WH12151248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N829821		14.9	3.25	18.05	0.07	1.2	0.060	2.22	24.4	30.9	0.56	827	1.36	0.52	9.0	3.2
N829822		9.4	3.35	16.10	0.19	1.0	0.063	2.54	27.4	75.7	0.80	1600	1.36	0.04	7.6	2.9
N829823		9.5	3.27	16.60	0.20	1.1	0.041	2.50	25.8	48.1	0.66	1430	1.38	0.06	7.9	2.9
N829824		66.1	8.27	11.10	0.16	0.7	0.885	2.39	13.6	14.3	0.57	6130	4.31	0.02	4.5	2.6
N829825		2.3	0.54	0.32	0.07	<0.1	0.005	0.06	0.7	1.5	13.50	246	2.92	0.02	0.3	1.1
N829826		20.1	3.70	14.05	0.13	1.0	0.126	2.99	22.5	27.2	0.86	4220	2.51	0.07	6.9	2.7
N829827		9.9	3.37	15.80	0.15	1.5	0.042	2.84	22.2	23.2	1.07	1250	1.55	1.13	8.6	2.9
N829828		12.6	3.42	15.90	0.16	1.3	0.048	3.07	21.1	20.6	0.70	952	1.01	0.62	8.6	2.9
N829829		466	7.25	13.25	0.18	1.0	1.765	2.84	22.9	23.5	1.00	2000	13.00	0.04	6.0	15.0
N829830		10.6	3.46	15.30	0.14	1.3	0.042	2.72	19.9	50.0	0.90	1050	0.77	0.56	8.3	2.9
N829831		35.8	3.05	16.35	0.15	1.2	0.048	2.83	23.4	48.0	0.57	742	0.95	0.16	8.3	2.5
N829832		13.6	3.50	15.70	0.16	1.2	0.048	2.77	23.8	16.9	0.95	1000	1.35	1.67	8.1	2.9
N829833		9.7	3.41	15.75	0.17	1.2	0.042	2.83	26.6	17.9	0.86	743	1.36	2.10	7.9	2.8
N829834		8.8	3.25	15.60	0.15	1.2	0.043	2.77	24.3	17.1	0.82	715	1.41	2.05	7.8	2.9
N829835		8.6	3.48	15.70	0.17	1.1	0.043	2.80	22.9	15.7	0.95	991	0.99	1.94	7.8	3.2
N829836		10.4	3.11	14.95	0.17	1.2	0.049	3.34	23.5	21.6	0.90	3120	1.15	0.57	8.1	2.6
N829837		13.4	8.46	15.35	0.21	1.4	0.369	4.36	24.6	13.6	1.30	3140	0.39	0.04	8.5	2.7
N829838		1400	8.53	12.05	0.19	1.1	4.87	2.57	17.0	33.0	0.67	3170	14.95	0.08	5.6	14.0
N829839		7.2	9.08	15.20	0.21	1.2	0.297	3.50	28.5	47.1	1.12	2830	0.40	0.03	7.6	2.7
N829840		15.7	6.84	15.80	0.20	1.3	0.248	3.63	22.3	28.7	0.79	6730	3.12	0.02	8.2	2.6
N829841		140.5	9.06	11.70	0.19	0.9	0.728	2.52	13.6	9.6	0.42	1450	8.41	0.02	5.3	2.2
N829842		6.6	3.09	18.45	0.16	3.3	0.031	2.64	32.9	52.6	1.10	1130	1.99	0.05	11.2	8.0
N829843		21.2	2.72	18.75	0.18	3.0	0.097	2.54	34.3	36.2	0.82	1160	5.20	0.06	12.4	3.8
N829844		215	10.55	15.75	0.24	1.0	0.578	3.25	20.4	12.5	0.65	2590	30.1	0.03	6.1	3.4
N829845		3.8	0.49	0.31	0.08	<0.1	<0.005	0.06	0.7	1.1	13.15	224	0.17	<0.01	0.3	1.9
N829846		5.0	13.60	20.2	0.29	1.3	0.388	3.75	27.3	47.1	0.79	3280	6.11	0.03	8.6	3.3
N829847		9.5	11.25	14.90	0.25	1.2	0.372	3.44	24.2	49.0	0.87	3780	3.51	0.03	7.7	2.8
N829848		20.7	7.99	16.50	0.22	1.3	0.408	4.24	32.6	5.8	0.74	3770	0.49	0.03	8.4	2.9
N829849		42.9	8.05	15.35	0.22	1.3	0.543	4.05	32.2	8.2	0.94	6800	4.69	0.03	8.1	3.1
N829850		96.1	6.04	17.50	0.15	1.2	0.358	3.35	27.2	9.7	0.57	5980	7.93	0.01	7.5	3.3
N829851		8.7	3.25	15.50	0.16	1.2	0.076	2.65	26.8	58.8	0.75	1980	2.50	0.07	7.2	2.9
N829852		9.0	2.93	16.00	0.15	1.1	0.061	2.30	27.4	105.0	0.72	2130	4.19	0.05	6.9	3.0
N829853		10.4	2.96	15.65	0.17	1.4	0.041	2.36	26.6	32.0	0.77	797	1.77	1.72	7.5	3.2
N829854		11.0	3.05	16.10	0.18	1.5	0.040	2.34	24.4	14.5	0.76	747	1.36	1.80	7.9	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-72

CERTIFICATE OF ANALYSIS WH12151248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N829821		660	16.5	89.0	<0.002	0.20	17.15	12.8	1	2.4	157.5	0.70	<0.05	11.2	0.292	1.06
N829822		660	34.8	124.5	<0.002	0.20	27.8	13.7	1	2.0	89.4	0.62	<0.05	13.3	0.275	1.72
N829823		680	20.0	110.5	<0.002	0.16	25.1	13.4	1	1.9	95.6	0.66	<0.05	14.1	0.284	1.73
N829824		350	2290	140.0	0.002	6.21	183.5	7.0	1	4.4	43.3	0.37	0.22	6.3	0.164	1.97
N829825		170	3.7	4.5	<0.002	0.03	0.28	0.4	1	0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.04
N829826		510	298	183.0	<0.002	1.45	35.9	10.1	1	2.4	101.0	0.55	<0.05	11.0	0.224	2.17
N829827		610	22.7	119.0	<0.002	0.09	6.94	10.8	1	1.9	298	0.81	<0.05	11.1	0.271	1.49
N829828		660	19.4	113.0	<0.002	0.03	10.55	10.8	1	2.1	218	0.84	<0.05	10.6	0.291	1.48
N829829		480	3080	160.0	0.002	5.18	98.4	7.7	1	8.7	94.5	0.50	0.40	9.6	0.189	2.36
N829830		640	24.7	90.7	<0.002	0.10	15.35	10.6	1	1.8	235	0.81	<0.05	9.9	0.280	1.45
N829831		700	17.0	106.5	<0.002	0.07	27.0	11.6	1	1.8	156.0	0.67	<0.05	11.1	0.300	1.27
N829832		700	20.1	90.9	<0.002	0.02	5.10	11.5	1	2.2	385	0.65	<0.05	10.1	0.295	1.13
N829833		670	21.0	98.8	<0.002	0.01	5.22	11.5	1	1.9	435	0.66	<0.05	10.9	0.292	1.11
N829834		660	21.8	96.5	<0.002	0.01	5.16	11.2	1	1.8	420	0.64	<0.05	11.0	0.285	1.08
N829835		660	20.3	99.4	<0.002	0.05	5.61	11.3	1	1.7	384	0.64	<0.05	10.2	0.284	1.18
N829836		690	20.7	137.5	<0.002	0.37	19.95	11.7	1	1.8	193.5	0.67	<0.05	9.9	0.293	1.84
N829837		720	367	203	<0.002	5.77	8.24	11.9	1	7.7	112.0	0.77	<0.05	12.3	0.306	2.76
N829838		480	>10000	129.0	<0.002	7.35	222	7.3	2	9.5	125.5	0.44	0.50	8.2	0.198	2.19
N829839		650	62.1	168.0	<0.002	2.89	7.53	11.7	1	5.3	163.5	0.63	<0.05	12.7	0.275	2.42
N829840		680	404	188.0	<0.002	4.98	11.60	12.1	1	8.1	169.5	0.71	<0.05	12.0	0.290	2.77
N829841		410	1450	132.0	<0.002	6.32	117.0	8.0	1	6.3	42.4	0.48	0.47	7.8	0.186	1.80
N829842		1350	18.0	109.0	<0.002	0.19	23.7	8.1	1	1.5	622	0.81	<0.05	9.9	0.355	3.32
N829843		1000	682	73.5	<0.002	0.46	29.1	6.7	1	2.5	312	0.90	<0.05	9.9	0.295	2.38
N829844		490	1965	154.0	0.012	8.82	119.5	9.0	1	9.4	46.4	0.51	0.43	10.1	0.215	2.33
N829845		230	4.8	2.4	<0.002	0.02	0.36	0.3	1	<0.2	43.8	<0.05	<0.05	<0.2	0.005	0.02
N829846		680	98.3	148.5	0.003	5.83	16.00	10.8	1	8.2	65.4	0.69	0.34	11.2	0.288	2.23
N829847		640	129.0	160.5	<0.002	4.27	12.85	11.2	1	7.0	59.9	0.63	<0.05	11.6	0.267	2.23
N829848		670	265	198.5	<0.002	3.66	9.41	12.6	1	6.9	30.9	0.68	<0.05	13.5	0.290	2.82
N829849		650	864	194.5	<0.002	2.67	25.5	12.2	1	6.6	41.4	0.70	<0.05	14.1	0.288	2.59
N829850		560	1320	204	0.002	3.41	48.8	11.6	1	9.8	55.4	0.61	0.07	12.8	0.247	2.55
N829851		590	40.0	114.0	0.003	0.21	19.40	10.8	1	3.0	203	0.60	<0.05	11.6	0.251	2.19
N829852		580	86.0	112.5	0.004	0.21	30.2	10.9	1	2.3	215	0.58	<0.05	11.9	0.240	2.07
N829853		590	22.1	93.4	0.004	0.04	5.10	11.2	1	1.8	358	0.72	<0.05	13.6	0.254	1.16
N829854		580	21.3	97.2	<0.002	0.06	2.85	11.4	1	1.9	337	0.72	<0.05	13.2	0.250	1.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-72

CERTIFICATE OF ANALYSIS WH12151248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
N829821		2.6	83	3.4	13.2	61	26.2			
N829822		5.2	88	4.0	15.2	133	28.1			
N829823		5.3	84	5.2	15.2	78	30.5			
N829824		15.4	53	5.5	7.2	9480	17.5			
N829825		0.5	3	0.1	0.9	26	<0.5			
N829826		14.1	69	2.9	12.5	635	26.7			
N829827		4.8	75	2.9	15.6	85	34.6			
N829828		4.2	84	1.8	14.5	84	30.7			
N829829		5.0	59	5.5	9.8	5690	26.7			
N829830		4.3	81	2.8	14.9	79	29.2			
N829831		3.0	83	4.0	14.1	68	28.5			
N829832		3.5	85	1.9	15.2	72	27.2			
N829833		2.8	82	1.5	15.3	67	28.2			
N829834		2.7	80	1.6	14.6	68	27.7			
N829835		3.9	82	1.5	13.3	69	26.1			
N829836		5.3	75	1.8	12.7	83	28.5			
N829837		3.7	66	8.2	13.4	658	30.2			
N829838		5.1	57	4.7	8.9	>10000	32.1	120	0.981	1.630
N829839		4.4	63	23.5	12.2	177	27.3			
N829840		4.3	71	11.4	12.6	717	30.5			
N829841		2.7	50	8.6	7.2	4810	19.6			
N829842		4.8	71	3.8	14.6	89	142.5			
N829843		8.0	58	8.2	12.8	448	98.5			
N829844		22.6	62	20.5	8.2	2630	26.0			
N829845		0.5	3	0.2	0.8	21	0.8			
N829846		11.7	85	45.0	7.4	381	31.2			
N829847		6.4	70	27.5	9.5	290	26.9			
N829848		3.6	66	12.8	7.6	654	32.1			
N829849		6.6	66	8.0	8.8	2580	30.9			
N829850		14.1	65	6.3	11.0	3190	28.7			
N829851		11.3	77	7.7	13.5	104	28.7			
N829852		15.9	76	4.5	14.3	106	27.8			
N829853		5.0	77	1.2	16.9	64	31.4			
N829854		4.9	75	1.5	17.5	58	37.2			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-72

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151248

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151249

Project: Klaza - 73

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

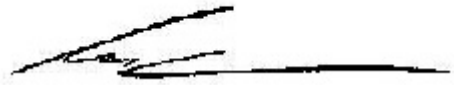
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151249

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897073		6.01	0.360	5.97	7.12	237	310	1.45	5.87	0.52	23.3	50.2	5.7	8	9.76	166.5
M897074		5.32	0.008	0.62	7.76	34.3	2370	1.30	1.03	0.95	3.02	60.6	5.3	9	20.0	13.3
M897075		6.72	0.023	1.26	7.74	81.7	1770	1.43	1.35	1.22	13.20	59.1	4.6	8	13.30	25.2
M897076		<0.02	0.021	1.46	7.78	83.6	1830	1.51	1.41	1.19	14.70	55.2	4.9	9	13.65	26.9
M897077		6.37	0.232	4.84	7.04	204	190	1.62	4.85	0.37	33.0	53.1	6.7	9	9.80	56.2
M897078		7.37	0.007	0.34	7.85	27.9	2480	1.39	2.45	0.84	5.20	56.0	4.8	10	12.45	34.9
M897079		8.27	0.007	0.29	7.64	33.0	3320	1.52	1.76	1.13	1.17	52.4	5.0	9	13.95	42.5
M897080		5.15	0.305	3.17	7.07	126.5	340	1.38	4.31	1.69	9.27	39.7	3.9	8	12.30	155.5
M897081		4.88	<0.005	0.01	0.08	5	20	<0.05	0.02	20.8	0.08	1.25	1.4	<1	0.21	1.9
M897082		5.71	0.044	1.68	6.82	68.5	2710	1.34	3.45	3.87	9.34	37.4	4.1	7	12.80	135.0
M897083		4.88	0.879	33.7	5.75	261	660	1.31	15.45	0.80	181.5	56.3	13.9	7	12.65	182.0
M897084		0.25	4.49	>100	5.49	8410	250	1.10	57.8	1.95	224	31.2	8.5	18	12.05	1290
M897085		8.27	1.040	26.2	6.25	444	110	1.16	35.1	0.11	24.6	41.1	4.2	9	12.75	700
M897086		2.46	<0.005	0.10	0.09	5	20	<0.05	0.13	21.6	0.28	1.49	1.4	1	0.24	3.6
M897087		7.49	0.014	0.63	6.81	50.7	1610	1.26	0.78	2.66	5.18	41.8	6.9	9	22.4	8.0
M897088		6.82	<0.005	0.26	7.44	31.3	2010	1.50	0.57	1.37	0.20	44.9	7.9	9	21.6	7.7
M897089		9.00	<0.005	0.37	7.58	15.9	1990	1.68	0.47	2.31	2.74	48.5	6.8	10	21.6	13.7
M897090		3.78	0.167	1.71	7.42	129.0	370	1.57	1.16	2.30	32.5	53.9	5.4	9	19.80	60.2
M897091		0.25	2.22	25.5	6.19	3610	1140	1.28	19.55	2.27	81.8	42.9	10.5	20	16.05	453
M897092		12.60	0.011	0.21	7.48	11.1	2230	1.47	0.55	2.41	0.22	46.3	7.8	11	13.75	7.9
M897093		7.39	0.009	0.18	7.45	19.5	2130	1.62	0.36	2.59	0.84	47.3	7.2	9	18.95	9.8
M897094		3.27	0.012	0.21	7.49	56.0	2010	1.67	0.36	2.29	1.06	50.7	7.2	9	17.35	10.6
M897095		4.51	0.813	5.15	7.08	843	230	1.42	3.44	1.33	14.30	47.8	5.9	9	13.40	468
M897096		10.67	0.024	0.24	7.55	27.2	2120	1.55	1.27	2.07	0.21	46.0	9.2	10	21.0	11.3
M897097		3.58	<0.005	0.10	7.69	5.9	2340	1.77	0.23	2.43	0.14	46.8	5.4	9	17.30	3.3
M897098		7.30	0.016	0.31	7.49	19.6	2690	1.43	0.86	2.05	0.44	39.3	8.9	10	13.90	9.7
M897099		4.80	0.007	0.17	6.92	13.4	2140	1.51	1.34	2.68	0.10	48.5	7.4	8	16.20	15.4
M897100		4.98	0.005	0.25	7.32	11.0	2580	1.47	1.08	2.57	0.08	44.4	5.4	8	16.80	12.8
M897101		10.60	0.032	0.40	7.57	41.7	1930	1.51	1.09	1.89	1.60	45.0	6.7	8	13.65	12.3
M897102		3.97	2.30	36.2	4.87	717	620	0.97	56.3	0.87	26.4	26.7	10.9	9	11.15	1225
M897103		7.78	0.013	0.27	7.85	82.5	2360	1.44	0.40	1.16	1.01	44.0	6.0	7	22.9	14.3
M897104		6.04	0.064	0.36	7.73	95.1	1730	1.43	1.10	1.30	0.68	49.6	8.3	8	20.7	22.5
M897105		8.76	0.033	0.68	7.60	86.8	1930	1.40	1.49	1.32	2.45	48.0	6.0	8	17.80	28.3
M897106		8.73	0.330	2.02	7.02	225	1420	1.51	1.50	1.72	23.2	50.3	5.3	8	18.15	48.5
M897107		8.57	0.558	1.44	7.32	247	1330	1.56	1.47	0.83	11.10	47.7	4.4	8	19.80	33.7
M897108		9.75	0.013	0.33	6.99	61.5	1820	1.83	1.08	2.36	0.87	41.6	5.3	8	19.00	15.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897073		6.21	15.95	0.13	1.1	0.890	3.32	28.0	11.5	0.54	1360	3.97	0.07	6.5	2.7	570
M897074		3.65	14.75	0.16	1.1	0.156	2.53	31.8	56.8	0.47	1160	6.11	0.06	7.3	2.4	600
M897075		4.82	15.75	0.13	1.0	0.301	2.89	32.2	27.5	0.73	1640	4.26	0.05	6.5	2.1	630
M897076		4.88	15.80	0.15	1.0	0.328	2.92	31.8	28.7	0.73	1660	4.08	0.04	6.5	2.3	620
M897077		5.87	15.95	0.17	1.0	0.577	3.38	27.9	9.8	0.48	946	5.78	0.04	6.3	2.8	450
M897078		4.06	18.30	0.22	1.2	0.171	2.93	32.5	28.9	0.48	1080	2.95	0.08	8.5	2.7	640
M897079		3.89	18.20	0.24	1.2	0.158	3.02	30.1	25.5	0.55	999	3.87	0.09	8.7	2.7	620
M897080		5.88	16.70	0.24	1.1	0.250	3.23	22.2	13.4	0.64	1390	3.68	0.04	7.1	2.1	550
M897081		0.47	0.43	0.30	<0.1	0.005	0.03	0.6	0.9	12.40	206	0.11	<0.01	0.4	2.1	180
M897082		4.79	14.85	0.20	1.0	0.322	2.95	19.0	17.8	0.66	2000	6.38	0.06	7.3	1.7	530
M897083		6.49	14.10	0.22	0.8	1.955	2.61	33.4	22.1	0.44	2350	14.00	0.04	5.0	2.7	370
M897084		8.30	13.15	0.23	1.1	4.62	2.30	16.4	28.9	0.62	3070	13.70	0.08	5.9	12.1	460
M897085		6.33	18.85	0.20	1.0	0.908	2.85	21.6	11.2	0.23	142	5.60	0.03	6.5	2.0	330
M897086		0.48	0.42	0.27	<0.1	0.009	0.03	0.8	0.8	12.80	203	0.14	<0.01	0.4	1.8	170
M897087		3.50	16.10	0.20	1.1	0.170	2.51	21.7	28.3	0.75	1080	1.18	0.05	8.1	2.3	550
M897088		2.84	18.55	0.25	1.2	0.082	2.60	23.2	73.4	0.43	792	2.15	0.08	9.1	2.7	640
M897089		3.33	17.50	0.26	1.3	0.076	2.82	25.7	17.8	0.67	641	1.37	1.43	8.9	2.3	610
M897090		5.17	18.15	0.26	1.3	0.397	3.06	28.2	17.8	0.73	906	1.04	0.66	8.4	2.0	530
M897091		6.97	15.40	0.25	1.0	1.830	2.70	23.8	23.3	0.93	1920	12.95	0.05	6.8	14.4	460
M897092		3.08	17.50	0.24	1.3	0.056	2.76	23.7	12.7	0.74	553	1.27	2.33	8.8	2.6	600
M897093		3.20	17.75	0.25	1.3	0.056	2.91	24.2	15.1	0.71	715	1.25	1.74	8.9	2.4	590
M897094		3.17	17.75	0.25	1.3	0.060	2.88	26.2	14.0	0.71	687	1.40	1.65	9.1	2.4	590
M897095		6.00	17.45	0.25	1.2	0.267	3.20	25.5	9.8	0.58	1040	1.35	0.04	7.8	2.6	520
M897096		3.32	17.50	0.25	1.2	0.078	2.92	24.6	31.8	0.56	611	1.47	1.19	8.4	2.4	570
M897097		3.00	17.65	0.25	1.4	0.046	2.92	24.2	13.6	0.65	499	1.36	2.16	9.2	2.4	580
M897098		3.11	18.15	0.22	1.3	0.095	3.14	19.7	27.6	0.61	527	1.80	0.39	9.4	2.6	640
M897099		3.05	16.60	0.25	1.0	0.207	2.56	28.1	26.6	0.58	796	3.33	0.77	7.1	2.3	550
M897100		3.01	17.25	0.24	1.1	0.145	2.74	24.7	27.6	0.61	858	7.11	1.05	8.2	2.3	560
M897101		3.63	17.15	0.24	1.1	0.150	2.63	24.4	25.6	0.62	925	2.52	0.59	7.9	2.5	600
M897102		8.27	12.00	0.24	0.8	0.576	2.15	13.9	20.5	0.41	969	7.48	0.04	5.4	2.4	220
M897103		3.01	18.30	0.20	1.4	0.050	2.17	22.7	55.6	0.40	862	1.14	0.06	9.9	2.1	610
M897104		3.23	17.40	0.23	1.1	0.071	2.58	28.3	58.2	0.55	1060	2.07	0.05	7.8	3.7	580
M897105		3.79	17.30	0.24	1.1	0.139	2.67	26.7	39.2	0.48	954	2.86	0.06	7.9	2.2	620
M897106		4.69	16.20	0.25	1.1	0.287	3.08	29.5	14.5	0.79	1940	3.23	0.04	7.0	2.5	530
M897107		3.76	16.40	0.23	0.9	0.355	2.84	29.0	23.4	0.45	960	1.92	0.04	6.2	2.2	500
M897108		3.42	17.40	0.25	1.1	0.099	2.77	21.9	24.9	0.54	749	1.34	0.49	7.7	2.5	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897073		721	185.0	<0.002	4.04	32.5	10.7	1	11.5	27.6	0.50	1.63	13.1	0.226	2.66	4.1
M897074		90.4	126.5	0.002	0.56	25.5	11.1	1	2.9	95.8	0.59	0.18	14.8	0.254	1.89	4.5
M897075		457	168.5	<0.002	1.36	13.60	10.8	1	6.9	97.6	0.47	0.29	14.2	0.235	2.52	3.7
M897076		479	175.5	<0.002	1.37	14.55	11.4	1	7.3	96.1	0.51	0.30	13.9	0.233	2.54	3.7
M897077		1015	205	<0.002	3.87	14.75	10.6	1	9.6	25.6	0.49	0.77	12.6	0.213	3.07	3.3
M897078		26.7	135.5	<0.002	0.32	28.7	11.7	1	2.5	76.3	0.67	0.11	14.2	0.249	1.74	3.5
M897079		20.7	124.0	<0.002	0.51	17.95	11.4	1	2.9	97.5	0.70	0.14	14.3	0.259	1.74	3.8
M897080		332	181.0	<0.002	3.24	52.4	9.6	1	9.4	50.1	0.57	0.46	11.5	0.213	2.59	3.7
M897081		1.5	1.5	<0.002	0.01	0.11	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M897082		81.6	174.5	<0.002	0.99	49.5	9.0	1	4.6	127.5	0.54	0.20	12.3	0.215	2.39	4.3
M897083		8950	148.5	<0.002	4.17	103.0	7.3	2	16.2	35.9	0.40	0.46	9.1	0.149	2.46	4.4
M897084		9390	131.5	<0.002	7.24	216	6.4	2	9.3	122.5	0.46	0.51	8.1	0.188	2.11	4.9
M897085		1345	169.0	<0.002	6.05	114.0	8.1	1	15.8	18.7	0.51	0.62	9.5	0.201	2.49	2.7
M897086		12.4	1.8	<0.002	0.03	0.52	0.2	1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M897087		133.5	116.5	<0.002	0.63	14.95	9.5	1	2.4	97.1	0.64	0.06	12.2	0.237	2.06	3.3
M897088		22.9	118.5	<0.002	0.20	28.2	11.1	1	2.2	124.5	0.73	0.08	12.8	0.265	1.53	4.3
M897089		112.0	120.5	<0.002	0.11	3.94	10.7	1	2.1	272	0.76	<0.05	13.6	0.265	1.38	3.2
M897090		274	142.5	<0.002	3.20	7.44	9.6	2	7.1	163.0	0.75	0.15	13.1	0.243	1.87	5.6
M897091		2860	167.5	<0.002	5.06	98.0	7.6	2	8.8	98.2	0.52	0.40	10.2	0.188	2.34	5.1
M897092		19.6	110.0	<0.002	0.12	2.91	10.7	1	1.7	350	0.72	0.16	13.3	0.262	1.14	3.2
M897093		57.5	107.0	<0.002	0.15	3.39	10.7	1	2.0	288	0.73	<0.05	13.4	0.255	1.36	4.6
M897094		67.2	114.5	<0.002	0.19	3.51	10.5	1	2.0	272	0.76	<0.05	13.8	0.256	1.43	4.6
M897095		628	200	<0.002	4.27	30.7	9.1	1	9.0	43.0	0.65	0.95	11.7	0.225	2.55	4.2
M897096		22.3	122.0	<0.002	0.47	9.20	9.9	1	2.1	246	0.71	0.23	12.9	0.245	1.35	3.7
M897097		19.6	109.5	<0.002	0.02	2.57	10.3	1	1.7	363	0.81	<0.05	13.1	0.262	1.09	3.6
M897098		33.6	91.8	<0.002	0.51	6.76	10.2	1	3.3	133.5	0.81	0.14	11.5	0.264	1.34	3.0
M897099		9.8	107.0	<0.002	0.68	5.33	9.5	1	2.5	130.0	0.56	0.18	11.6	0.212	1.48	4.3
M897100		12.7	99.4	<0.002	0.37	6.97	10.0	1	2.0	174.5	0.65	0.08	12.4	0.246	1.40	4.3
M897101		44.8	114.5	<0.002	0.72	13.25	10.0	1	2.5	130.5	0.64	0.14	12.8	0.241	1.69	3.0
M897102		814	117.0	<0.002	7.76	344	7.8	2	8.7	66.7	0.43	0.78	6.9	0.187	1.88	6.0
M897103		22.5	112.0	<0.002	0.15	31.2	10.8	1	1.9	103.5	0.87	<0.05	14.0	0.256	1.43	3.2
M897104		19.0	144.5	<0.002	0.53	36.2	10.3	1	1.7	107.0	0.64	<0.05	13.1	0.242	1.77	7.0
M897105		45.5	133.0	<0.002	0.68	31.8	10.2	1	2.9	91.4	0.65	0.11	13.0	0.237	1.74	3.1
M897106		543	183.0	<0.002	1.70	24.7	9.8	1	5.0	47.4	0.57	0.10	12.8	0.218	2.62	5.6
M897107		185.5	195.5	<0.002	0.61	24.0	9.6	1	4.1	51.5	0.49	0.14	12.5	0.192	2.35	5.0
M897108		16.3	103.0	<0.002	0.28	12.60	10.5	1	1.9	140.0	0.61	0.06	11.7	0.234	1.71	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M897073		68	5.8	9.7	1640	26.6		
M897074		70	5.1	14.3	285	26.3		
M897075		67	4.6	13.3	923	25.7		
M897076		66	4.4	13.7	963	26.0		
M897077		65	5.0	10.0	1520	25.0		
M897078		73	3.5	16.7	505	35.1		
M897079		74	3.4	15.7	198	32.9		
M897080		65	14.3	10.0	794	29.4		
M897081		3	0.1	0.9	18	0.6		
M897082		58	7.2	13.3	894	28.4		
M897083		49	11.8	10.7	>10000	20.8		1.075
M897084		53	5.0	9.2	>10000	32.1	121	1.590
M897085		57	13.3	7.7	1450	26.0		
M897086		3	0.2	0.9	29	4.4		
M897087		64	3.8	14.6	531	30.2		
M897088		71	3.4	16.7	100	34.8		
M897089		72	2.4	17.1	264	34.0		
M897090		64	6.1	14.0	2560	32.8		
M897091		58	5.8	10.6	5370	28.5		
M897092		72	1.8	17.1	50	35.6		
M897093		70	1.5	18.0	119	34.2		
M897094		70	1.5	17.0	137	34.1		
M897095		63	10.6	11.6	1140	31.8		
M897096		68	2.5	15.1	75	33.8		
M897097		70	1.2	17.4	42	38.0		
M897098		74	4.8	14.5	78	35.4		
M897099		65	2.1	14.8	55	28.6		
M897100		67	2.1	15.6	60	29.4		
M897101		68	2.9	14.2	205	29.6		
M897102		61	5.2	10.7	1530	20.2		
M897103		69	5.3	15.7	208	37.8		
M897104		68	4.8	15.4	122	29.3		
M897105		69	5.1	15.0	348	30.1		
M897106		68	6.4	13.0	1820	28.3		
M897107		63	4.1	11.2	897	26.4		
M897108		72	3.7	14.6	196	29.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151249

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151510

Project: Klaza - 73

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

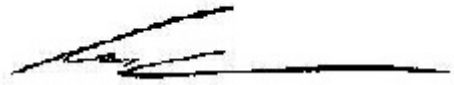
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151510

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M897109		9.51	0.081	1.19	7.03	104.0	2190	1.38	0.90	2.46	8.10	54.2	6.0	11	13.40	32.5
M897110		6.68	0.013	0.52	7.39	37.5	1660	1.94	0.72	2.11	2.13	51.4	5.5	13	19.25	19.3
M897111		7.22	0.008	0.25	6.25	16.0	310	3.58	0.91	0.36	0.63	17.95	0.4	4	15.85	4.7
M897112		6.28	<0.005	2.21	6.59	13.9	40	3.29	0.40	0.37	0.09	18.10	0.3	2	16.20	1.2
M897113		4.00	0.343	3.18	7.20	434	1030	2.09	3.99	2.92	9.17	48.9	6.7	6	19.55	66.6
M897114		4.89	<0.005	0.02	0.14	<5	20	0.06	0.02	19.95	0.06	1.31	1.4	4	0.45	2.3
M897115		3.89	0.111	0.41	7.32	81.6	1650	1.50	0.25	2.07	0.99	46.8	6.7	8	20.8	9.9
M897116		12.06	<0.005	0.10	7.61	7.7	2150	1.62	0.20	2.31	0.15	47.4	7.0	9	14.15	7.4
M897117		8.34	<0.005	0.21	7.73	11.4	2370	1.42	0.72	2.46	0.57	60.4	7.5	9	11.10	4.8
M897118		9.40	<0.005	0.17	7.83	8.8	2240	1.53	0.36	2.04	0.63	56.5	7.9	10	12.60	4.9
M897119		11.59	<0.005	0.11	8.38	16.7	2940	1.21	0.54	0.56	0.20	60.9	8.4	8	8.49	3.6
M897120		5.16	<0.005	0.13	7.87	13.8	3140	1.15	0.65	0.90	0.20	58.1	7.8	10	9.34	4.3
M897121		9.06	<0.005	0.16	8.00	18.9	2010	1.20	0.67	0.65	0.19	54.8	8.3	8	9.50	10.4
M897122		4.91	0.093	2.52	6.94	117.5	1850	1.20	4.32	1.31	6.77	54.3	7.2	9	15.95	53.1
M897123		3.76	<0.005	0.21	8.24	14.3	1530	1.18	0.37	0.77	0.51	61.8	7.4	7	11.30	5.7
M897124		0.23	2.34	25.8	5.64	3190	1390	1.10	19.65	1.99	76.9	45.7	10.2	14	14.00	397
M897125		4.02	0.029	0.80	6.62	67.7	1560	1.39	1.39	0.86	2.46	38.9	8.5	8	13.70	22.0
M897126		13.27	<0.005	0.05	6.74	11.5	1170	2.01	0.18	2.57	0.08	50.3	5.9	15	18.80	5.4
M897127		10.53	<0.005	0.03	7.28	12.1	1720	1.94	0.16	2.20	0.04	52.7	5.4	13	22.4	4.6
M897128		8.80	<0.005	0.04	7.35	9.7	1580	1.94	0.09	2.43	0.18	51.7	5.6	15	22.1	9.0
M897129		5.38	<0.005	0.07	7.17	10.1	1330	1.79	0.09	3.24	0.06	55.2	6.1	16	20.2	14.5
M897130		5.54	0.017	0.97	7.16	42.4	820	1.91	2.46	1.99	0.26	48.3	7.1	27	13.10	27.8
M897131		4.74	0.139	23.1	6.49	212	1350	1.21	45.5	0.82	4.76	44.3	10.3	8	11.35	24.9
M897132		2.75	<0.005	0.01	0.16	5	40	0.05	0.06	19.70	0.06	1.43	1.4	3	0.42	2.1
M897133		4.86	0.130	1.06	7.21	89.2	1640	1.54	1.44	1.93	14.65	43.4	6.8	9	15.55	28.9
M897134		5.57	<0.005	0.09	7.58	11.0	2170	1.53	0.37	2.58	0.18	37.9	7.1	10	9.48	7.0
M897135		6.53	<0.005	0.07	7.59	8.3	2280	1.57	0.20	2.37	0.12	43.3	8.0	10	10.75	9.0
M897136		9.13	0.007	0.13	7.14	19.6	2170	1.60	0.43	2.58	0.17	38.9	6.8	12	11.30	10.1
M897137		<0.02	0.006	0.12	7.54	19.1	2250	1.58	0.40	2.65	0.18	42.5	6.6	13	11.35	10.2
M897138		8.18	0.271	0.30	7.01	83.0	2020	1.62	0.56	2.10	0.33	37.5	7.0	10	12.85	11.0
M897139		0.24	2.24	25.4	5.78	3380	1590	1.20	20.9	2.08	76.9	42.5	9.8	18	14.25	413
M897140		6.06	0.481	3.19	6.89	632	910	1.26	5.35	2.85	6.00	51.4	6.3	9	17.40	45.3
M897141		4.24	0.016	0.44	7.44	66.3	1940	1.75	0.66	2.20	0.61	45.8	6.1	9	14.20	9.6
M897142		10.51	<0.005	0.16	7.21	14.3	2140	1.68	0.44	2.51	0.13	39.3	7.0	9	12.55	8.0
M897143		8.68	<0.005	0.24	6.91	10.3	2020	1.59	0.94	3.14	0.67	39.1	6.2	19	11.95	7.8
M897144		4.89	0.108	1.26	7.35	134.5	1900	1.65	2.73	2.07	1.47	41.6	6.5	9	15.65	34.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151510

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897109		3.57	14.60	0.12	0.9	0.132	3.07	31.6	20.5	0.59	1460	4.69	0.05	5.9	2.4	510
M897110		3.31	17.80	0.14	1.0	0.140	2.96	29.1	28.7	0.49	876	3.85	0.34	7.8	2.5	580
M897111		0.56	21.8	0.11	2.6	0.029	1.67	9.2	110.0	0.14	330	1.26	0.03	24.0	0.7	40
M897112		0.57	22.5	0.12	2.8	0.020	1.77	9.1	108.0	0.15	342	0.63	0.03	26.8	0.6	30
M897113		3.61	17.15	0.18	1.4	0.199	2.96	27.2	32.8	0.86	2590	2.74	0.05	10.0	2.9	470
M897114		0.45	0.36	0.09	<0.1	<0.005	0.05	0.7	1.7	12.25	213	0.16	<0.01	0.2	<0.2	190
M897115		3.43	16.95	0.14	1.1	0.084	3.07	25.1	40.4	0.72	1400	1.29	0.32	8.0	2.0	550
M897116		2.98	17.50	0.15	0.9	0.043	2.71	25.5	18.0	0.68	506	2.09	1.89	8.3	2.3	560
M897117		3.09	17.60	0.17	0.9	0.065	2.52	35.8	32.6	0.59	567	1.97	0.80	8.1	2.2	560
M897118		3.53	17.85	0.18	1.0	0.104	2.67	32.5	27.6	0.69	472	2.01	0.88	8.8	2.2	580
M897119		3.03	19.60	0.17	1.0	0.055	1.98	35.3	49.0	0.32	712	2.18	0.07	9.6	2.8	640
M897120		2.94	17.70	0.16	1.0	0.062	2.18	33.5	57.5	0.36	685	1.91	0.07	8.9	3.4	600
M897121		2.95	17.90	0.18	0.8	0.068	1.74	32.0	50.5	0.35	799	1.77	0.05	8.4	4.0	610
M897122		4.11	16.00	0.17	0.8	0.450	2.66	31.9	34.3	0.71	1320	6.08	0.04	6.7	2.7	510
M897123		3.49	18.95	0.21	1.0	0.075	2.27	35.2	41.0	0.45	956	1.64	0.07	9.8	2.5	670
M897124		6.04	12.95	0.20	0.7	1.650	2.33	26.7	23.0	0.81	1760	12.95	0.04	5.7	13.1	400
M897125		3.23	17.75	0.21	0.9	0.168	2.48	21.2	48.4	0.44	875	2.56	0.06	8.1	3.8	580
M897126		2.08	19.80	0.18	2.1	0.025	2.55	26.5	67.0	0.79	411	0.84	0.04	9.0	10.9	750
M897127		2.06	20.1	0.15	1.7	0.027	2.63	28.0	48.6	0.72	401	0.56	0.03	8.8	7.4	800
M897128		2.19	20.0	0.17	1.8	0.031	2.76	27.4	41.5	0.80	489	0.53	0.03	8.8	8.4	790
M897129		2.20	19.00	0.17	1.9	0.024	2.62	31.0	36.3	1.16	504	0.60	0.04	8.4	9.9	710
M897130		2.23	19.80	0.13	3.5	0.048	2.17	25.4	84.6	0.80	587	5.23	0.03	9.1	19.8	610
M897131		6.94	14.85	0.19	0.7	0.298	2.91	24.7	11.6	0.62	1350	6.14	0.03	5.8	4.4	470
M897132		0.47	0.39	0.09	<0.1	<0.005	0.07	0.7	1.9	12.00	215	0.33	<0.01	0.2	<0.2	160
M897133		4.11	16.80	0.16	0.8	0.382	3.03	23.5	22.1	0.71	1260	1.44	0.75	7.5	2.4	550
M897134		3.19	16.80	0.13	0.9	0.080	2.72	19.6	14.5	0.78	762	1.02	1.94	7.9	2.1	590
M897135		3.10	17.40	0.14	1.1	0.050	2.67	22.3	30.5	0.81	618	1.05	2.39	8.2	2.3	590
M897136		3.14	16.60	0.15	1.0	0.228	2.53	19.9	18.7	0.75	775	1.21	1.65	7.8	2.3	580
M897137		3.26	16.10	0.16	0.9	0.222	2.58	22.8	20.2	0.79	803	1.45	1.68	7.8	2.4	590
M897138		2.88	16.35	0.16	1.0	0.079	2.67	19.9	17.4	0.64	628	1.45	1.48	7.7	2.2	540
M897139		6.30	12.95	0.16	0.8	1.655	2.46	24.4	22.6	0.85	1820	12.95	0.04	5.6	13.0	420
M897140		4.58	15.00	0.17	0.9	0.164	2.76	28.1	21.3	0.98	2370	2.64	0.19	7.2	2.3	510
M897141		3.08	17.55	0.17	1.0	0.052	2.93	24.0	30.9	0.59	558	1.24	0.47	8.3	2.3	570
M897142		2.97	16.30	0.15	1.0	0.073	2.58	20.7	18.6	0.63	572	1.70	1.79	7.9	2.4	560
M897143		2.80	16.55	0.17	0.9	0.062	2.60	20.4	16.5	0.63	618	1.93	1.56	8.0	2.1	530
M897144		3.47	17.30	0.16	0.9	0.074	3.18	22.3	37.9	0.62	811	1.39	0.66	8.1	2.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151510

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897109		383	162.5	<0.002	0.96	16.60	9.4	1	4.0	96.9	0.51	0.09	11.6	0.188	2.18	6.0
M897110		85.6	154.0	<0.002	0.37	10.55	12.4	1	2.8	135.0	0.66	<0.05	12.2	0.231	2.00	4.3
M897111		54.1	142.5	<0.002	0.06	11.90	4.3	1	2.9	64.3	2.52	<0.05	21.2	0.034	1.11	9.3
M897112		39.3	144.5	<0.002	0.02	9.20	4.4	1	3.1	47.1	2.74	<0.05	21.6	0.033	1.14	8.3
M897113		311	163.0	<0.002	2.38	25.1	10.2	1	3.1	171.5	0.88	0.05	13.4	0.208	2.91	10.1
M897114		1.7	3.2	<0.002	0.01	0.08	0.4	1	<0.2	44.2	<0.05	<0.05	0.2	0.005	0.02	1.0
M897115		62.7	130.0	<0.002	0.54	9.07	11.1	1	2.5	144.5	0.73	<0.05	11.9	0.236	2.10	6.8
M897116		19.2	103.0	<0.002	0.02	3.85	12.3	1	1.6	319	0.67	<0.05	13.4	0.256	1.04	4.7
M897117		50.5	106.5	<0.002	0.14	9.29	13.1	2	2.4	185.5	0.66	<0.05	13.9	0.246	1.07	6.7
M897118		42.4	110.5	<0.002	0.09	7.87	13.1	1	2.1	216	0.73	<0.05	14.1	0.253	1.12	6.8
M897119		18.7	86.2	<0.002	0.21	21.3	15.0	2	2.1	67.9	0.82	<0.05	16.3	0.280	0.82	4.6
M897120		34.1	97.6	<0.002	0.21	19.60	14.0	1	1.9	80.7	0.77	<0.05	14.7	0.254	0.92	4.9
M897121		16.5	81.3	<0.002	0.23	23.7	14.5	1	2.3	54.6	0.67	0.05	14.0	0.264	0.76	2.7
M897122		147.0	148.5	<0.002	1.30	36.6	12.0	1	4.6	67.6	0.57	0.22	12.0	0.211	2.00	4.1
M897123		21.7	106.0	<0.002	0.10	18.60	16.1	2	2.3	75.8	0.79	<0.05	16.5	0.286	1.17	3.4
M897124		2490	149.0	<0.002	4.39	89.2	8.4	2	7.9	86.9	0.47	0.35	10.4	0.166	2.14	5.4
M897125		46.9	98.1	<0.002	0.65	22.4	12.6	1	2.9	91.7	0.67	0.07	11.0	0.240	1.63	3.7
M897126		11.9	73.4	<0.002	0.04	7.66	7.3	1	1.4	366	0.70	<0.05	8.6	0.253	1.03	3.9
M897127		11.4	96.2	<0.002	0.05	6.74	7.7	1	1.5	277	0.70	<0.05	9.0	0.256	1.12	3.9
M897128		10.7	95.7	<0.002	0.05	5.92	7.5	1	1.3	255	0.69	<0.05	8.5	0.258	1.06	4.2
M897129		11.9	100.5	<0.002	0.04	7.39	7.3	1	1.2	560	0.65	<0.05	9.4	0.243	1.01	4.6
M897130		33.9	77.1	<0.002	0.13	17.85	6.4	1	1.9	660	0.70	<0.05	10.3	0.248	1.03	6.3
M897131		161.5	182.5	<0.002	4.70	13.65	8.4	2	6.8	44.7	0.47	0.78	11.4	0.192	2.60	3.4
M897132		1.5	3.5	<0.002	0.02	0.07	0.4	2	<0.2	41.3	<0.05	<0.05	<0.2	0.006	0.02	0.5
M897133		147.0	149.0	<0.002	1.30	5.34	10.9	1	3.2	199.0	0.58	0.10	12.2	0.236	2.08	3.8
M897134		19.9	103.0	<0.002	0.14	2.79	11.0	1	1.6	308	0.64	<0.05	11.6	0.259	1.37	2.6
M897135		17.3	96.7	<0.002	0.02	1.60	11.4	1	1.7	360	0.68	<0.05	12.1	0.259	1.14	2.8
M897136		16.4	95.6	<0.002	0.25	3.56	11.4	1	2.9	272	0.65	0.05	10.3	0.248	1.25	4.1
M897137		15.8	104.0	<0.002	0.25	3.52	11.4	1	3.1	279	0.62	<0.05	11.4	0.254	1.20	4.0
M897138		27.4	114.0	<0.002	0.27	4.64	11.0	1	1.9	260	0.63	<0.05	11.7	0.236	1.45	4.0
M897139		2600	154.0	<0.002	4.60	88.2	7.8	2	8.1	89.8	0.46	0.36	11.5	0.173	2.35	5.4
M897140		186.0	144.5	<0.002	2.48	18.10	10.1	1	4.1	107.0	0.59	0.11	11.9	0.221	2.28	3.4
M897141		62.9	126.0	<0.002	0.55	5.95	11.9	1	2.2	169.5	0.70	<0.05	13.2	0.254	1.68	4.8
M897142		19.0	95.8	<0.002	0.19	5.20	11.1	1	1.9	319	0.68	0.06	12.3	0.244	1.12	3.9
M897143		33.1	97.9	<0.002	0.14	3.83	10.7	1	1.8	319	0.62	0.27	10.9	0.238	1.17	4.0
M897144		101.0	133.5	<0.002	0.70	4.65	11.5	1	3.0	202	0.65	0.06	12.8	0.250	2.05	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151510

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897109		63	4.7	13.9	643	25.0
M897110		70	2.8	15.4	228	30.6
M897111		2	1.9	17.2	60	52.9
M897112		1	1.8	17.8	44	55.4
M897113		54	3.7	16.2	722	40.9
M897114		3	0.1	0.9	15	<0.5
M897115		64	3.3	15.5	127	33.2
M897116		68	1.4	16.3	45	28.8
M897117		65	2.7	18.6	84	28.0
M897118		67	2.2	20.3	70	31.1
M897119		66	6.7	17.8	50	31.0
M897120		65	6.3	18.2	47	30.4
M897121		63	4.5	17.1	60	25.8
M897122		67	4.3	12.5	522	23.2
M897123		73	5.8	18.4	83	32.5
M897124		52	5.1	9.6	5000	24.4
M897125		64	3.9	11.1	232	26.4
M897126		48	2.3	11.9	52	77.3
M897127		48	2.2	11.9	53	53.2
M897128		49	2.1	11.9	65	59.2
M897129		45	1.9	12.2	57	63.9
M897130		48	2.4	11.4	76	136.5
M897131		59	8.1	7.3	464	21.7
M897132		4	0.1	0.8	14	0.7
M897133		65	3.5	12.7	1070	23.5
M897134		72	1.4	14.5	68	26.4
M897135		71	1.1	15.7	46	29.3
M897136		71	1.9	14.3	64	27.8
M897137		73	2.0	15.2	66	25.7
M897138		65	1.8	14.0	65	27.8
M897139		54	5.2	9.2	5240	22.0
M897140		64	4.4	12.9	502	24.8
M897141		71	2.6	14.4	88	28.2
M897142		68	2.7	14.0	45	26.4
M897143		63	1.3	16.4	81	26.1
M897144		68	3.5	13.2	142	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2012
Account: ROCKHA

Project: Klaza - 73

CERTIFICATE OF ANALYSIS WH12151510

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151542

Project: Klaza-73

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

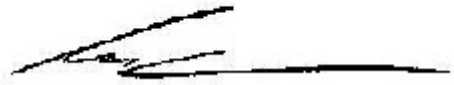
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151542

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897145		4.46	0.459	20.7	7.45	470	780	1.55	29.2	1.39	12.40	50.7	5.8	10	14.40	1375
M897146		4.50	0.101	1.68	8.11	270	1280	1.64	2.04	2.16	2.81	49.4	6.0	8	22.7	46.5
M897147		10.25	0.099	2.13	7.99	251	1480	1.73	2.38	1.78	8.86	51.9	5.7	8	21.2	81.7
M897148		13.13	<0.005	0.16	8.60	40.8	2160	2.19	0.14	1.99	0.08	82.5	6.2	24	14.75	12.6
M897149		5.67	0.008	0.24	6.66	50	2110	1.63	0.34	10.70	0.29	61.6	4.7	13	15.05	17.9
M897150		6.71	0.037	1.60	6.87	180.0	1300	1.70	1.74	2.98	3.23	51.6	5.6	7	21.9	48.7
M897151		7.33	0.014	0.76	7.89	160.0	1690	1.57	1.07	1.87	2.83	46.2	5.9	9	26.9	14.7
M897152		6.10	0.281	21.9	5.81	981	120	1.14	21.8	1.03	11.10	42.1	8.8	7	9.74	2040
M897153		2.31	<0.005	0.10	0.11	<5	30	0.06	0.08	22.6	0.08	1.60	0.7	1	0.33	5.7
M897154		8.13	0.005	0.39	7.53	41.0	2470	1.57	0.47	1.71	1.00	40.9	5.6	7	22.6	11.7
M897155		0.21	2.20	26.0	6.28	3550	300	1.30	17.45	2.36	82.0	43.4	10.9	18	14.80	453
M897156		3.96	0.254	4.42	6.64	417	610	1.46	6.15	0.81	3.68	49.4	7.6	7	10.50	137.0
M897157		8.90	0.008	0.43	7.75	55.2	1750	1.52	0.65	2.32	1.47	61.5	6.0	8	21.9	5.5
M897158		8.13	<0.005	0.30	7.62	37.9	1950	1.54	0.34	2.87	0.62	54.5	6.4	8	21.8	9.8
M897159		<0.02	<0.005	0.24	7.49	36.6	1930	1.60	0.35	2.92	0.49	52.0	6.7	7	21.3	10.1
M897160		4.38	0.235	2.80	6.59	1025	320	1.70	2.09	2.58	12.10	45.5	5.6	5	21.0	30.1
M897161		3.92	0.324	3.27	7.59	586	800	1.57	2.97	1.81	8.17	52.9	6.9	7	18.20	22.9
M897162		6.94	0.082	1.27	7.35	405	1430	1.60	0.86	2.37	10.45	55.2	6.0	8	17.50	17.1
M897163		7.95	0.011	0.34	7.94	44.2	1470	1.78	0.39	2.58	1.07	57.2	6.1	8	18.75	8.4
M897164		5.78	<0.005	0.29	7.77	36.5	1270	1.69	0.22	2.54	0.50	49.7	6.2	8	19.70	13.4
M897165		8.93	0.205	17.35	7.02	550	970	1.36	22.7	2.62	46.8	49.3	7.1	7	15.10	549
M897166		1.63	<0.005	0.10	0.14	<5	40	0.08	0.10	23.4	0.21	1.97	0.7	<1	0.32	3.6
M897167		7.98	0.082	1.72	7.23	221	800	1.26	1.75	1.54	6.54	49.7	6.5	7	13.70	54.6
M897168		9.66	0.461	14.30	7.42	984	780	1.38	12.35	0.66	31.0	50.9	5.7	9	14.05	1000
M897169		8.53	0.166	1.49	7.35	251	750	1.40	1.63	1.45	9.54	50.4	5.9	7	16.45	35.5
M897170		0.28	4.35	>100	5.28	7140	340	1.09	55.7	1.92	214	33.4	8.8	18	11.20	1210
M897171		7.41	0.622	84.1	6.02	1010	290	1.18	105.5	1.57	30.3	41.6	5.4	8	10.10	3230
M897172		3.80	0.173	1.78	8.06	347	1140	1.52	2.09	2.75	5.21	53.3	7.5	9	17.50	41.6
M897173		12.69	0.074	1.94	7.46	129.0	2520	1.32	0.72	2.75	1.16	53.9	7.8	9	17.80	28.8
M897174		11.81	0.060	0.46	7.63	171.5	2410	1.42	0.31	2.63	4.53	51.0	7.2	8	17.10	6.6
M897175		<0.02	0.013	0.15	7.91	19.2	2200	1.51	0.16	2.19	0.29	52.2	6.3	8	25.0	4.0
M897176		5.08	0.139	1.09	7.77	484	2150	1.91	1.54	2.52	4.36	53.8	5.1	9	20.7	20.0
M897177		14.32	0.012	0.37	7.49	42.7	1500	1.45	0.48	2.34	0.43	53.1	6.1	7	22.9	7.7
M897178		5.07	0.170	1.80	7.51	256	710	1.38	2.04	1.90	12.45	48.1	6.1	7	12.60	22.2
M897179		9.19	0.028	0.42	7.64	66.8	1870	1.59	0.54	2.49	2.31	48.5	4.3	8	19.90	9.1
M897180		3.90	0.438	3.58	7.00	1065	430	1.38	6.05	1.86	7.42	54.1	6.1	7	12.05	45.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897145		6.78	15.90	0.14	1.0	0.569	3.46	25.8	16.0	0.69	1140	1.55	0.05	5.9	3.0	570
M897146		4.19	18.50	0.15	1.0	0.101	3.57	23.6	25.6	0.84	2060	2.20	0.07	7.3	3.3	630
M897147		4.97	16.15	0.15	1.1	0.129	3.27	26.8	23.7	0.84	2130	3.23	0.27	6.8	3.1	620
M897148		2.80	20.4	0.20	4.5	0.035	2.74	39.8	50.7	0.97	678	1.47	0.05	10.1	7.0	1310
M897149		2.69	14.55	0.12	3.3	0.028	2.06	31.1	56.5	0.82	1410	5.00	0.04	7.4	8.4	970
M897150		5.41	14.65	0.15	1.1	0.166	2.83	26.9	13.8	1.11	2070	3.79	0.05	5.8	3.4	570
M897151		4.01	17.85	0.13	1.2	0.108	2.98	21.8	21.9	0.85	1340	1.73	0.06	7.7	3.6	650
M897152		11.60	15.05	0.16	0.8	0.897	2.63	20.7	9.2	0.72	2750	1.02	0.03	4.9	2.5	430
M897153		0.51	0.30	0.05	<0.1	0.007	0.05	0.7	1.2	13.80	234	0.14	0.01	0.1	8.9	190
M897154		3.33	16.90	0.12	1.1	0.076	2.83	19.1	54.0	0.69	1050	1.19	0.08	7.6	2.7	620
M897155		7.00	14.75	0.10	1.0	1.710	2.74	21.6	23.3	0.96	1990	13.25	0.04	5.7	15.2	480
M897156		7.46	15.30	0.12	0.9	0.249	2.92	25.8	11.9	0.56	1610	9.35	0.05	5.6	3.1	480
M897157		3.58	15.80	0.15	1.8	0.063	3.06	30.9	13.1	1.04	1020	5.03	0.06	6.8	3.2	560
M897158		3.37	16.10	0.13	1.0	0.080	3.08	27.2	13.3	1.14	1190	7.39	0.06	7.0	3.9	590
M897159		3.30	16.60	0.14	1.1	0.072	3.04	25.6	14.2	1.12	1160	18.60	0.06	7.2	3.7	600
M897160		5.49	16.15	0.13	0.9	0.234	3.00	22.7	11.6	0.91	3920	3.39	0.03	6.0	3.1	500
M897161		4.88	16.35	0.12	1.0	0.277	3.19	28.0	9.2	0.85	3240	1.12	0.04	6.6	2.9	570
M897162		4.10	15.60	0.13	1.0	0.180	3.18	28.6	11.0	0.98	1830	1.31	0.04	6.6	3.1	570
M897163		3.39	16.05	0.15	1.1	0.060	2.70	28.6	68.1	0.99	1060	2.17	0.06	7.4	3.5	650
M897164		3.24	16.60	0.14	1.1	0.044	2.88	24.1	50.6	0.97	918	1.95	0.05	7.6	3.3	650
M897165		6.03	17.35	0.11	0.9	3.58	2.92	26.5	21.7	0.67	1630	40.5	0.04	6.0	2.6	500
M897166		0.52	0.36	<0.05	<0.1	0.015	0.05	0.9	1.3	14.00	232	0.18	0.01	0.2	7.2	250
M897167		4.99	16.95	0.20	1.0	0.303	3.23	26.4	10.5	0.81	3440	2.50	0.04	6.0	2.3	520
M897168		10.95	20.4	0.29	1.1	0.982	3.32	24.4	11.0	0.71	4440	3.73	0.03	6.6	3.0	560
M897169		4.40	17.15	0.19	1.1	0.238	3.09	26.4	10.5	0.68	1680	1.58	0.04	6.9	2.5	550
M897170		7.92	14.00	0.22	1.1	4.74	2.23	15.7	30.6	0.63	2980	14.55	0.08	5.2	13.5	450
M897171		7.38	15.05	0.20	1.0	1.225	2.67	20.1	11.0	0.68	2830	1.22	0.03	5.5	2.4	460
M897172		4.50	19.40	0.19	1.1	0.179	3.28	28.0	33.1	1.08	4220	2.16	0.05	6.9	2.7	600
M897173		3.20	17.90	0.18	1.4	0.062	3.26	25.1	17.4	0.70	779	2.46	1.54	7.9	10.5	620
M897174		3.36	17.45	0.20	1.3	0.054	2.86	24.3	17.7	0.77	628	0.87	1.80	7.6	2.8	600
M897175		3.12	19.15	0.20	1.3	0.039	2.94	24.5	66.3	0.70	512	1.10	1.07	8.4	2.8	620
M897176		3.42	18.70	0.18	1.4	0.093	2.89	25.8	144.5	0.87	1890	1.17	0.22	8.2	2.5	620
M897177		3.36	18.70	0.19	1.2	0.068	2.94	27.4	32.9	0.84	946	2.32	0.07	7.6	3.0	600
M897178		5.27	18.80	0.21	1.0	0.250	3.40	25.0	18.7	0.77	1280	1.51	0.06	6.4	2.5	520
M897179		3.80	18.15	0.19	1.2	0.091	3.15	23.8	46.5	0.78	1210	1.71	0.64	7.8	2.8	630
M897180		6.47	16.70	0.24	0.9	0.493	3.18	29.7	13.4	0.88	2610	6.53	0.04	5.5	2.8	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151542

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897145		423	210	0.002	5.04	18.05	9.7	1	7.8	59.4	0.50	0.23	13.4	0.226	2.94	5.2
M897146		122.5	143.0	<0.002	1.25	7.89	10.4	<1	5.9	88.2	0.60	<0.05	13.0	0.269	3.00	4.4
M897147		289	157.0	0.002	1.37	15.75	9.9	1	3.9	113.5	0.63	<0.05	14.3	0.254	2.91	4.8
M897148		18.3	97.0	0.002	0.09	13.70	5.9	<1	1.7	254	0.69	<0.05	12.5	0.358	1.35	8.5
M897149		38.5	88.9	0.003	0.12	19.25	5.5	1	1.5	637	0.52	<0.05	9.5	0.256	1.23	8.5
M897150		187.5	145.5	0.003	0.99	19.95	10.0	2	5.1	112.5	0.49	0.08	12.1	0.231	2.59	4.0
M897151		70.8	107.0	0.002	0.82	6.69	10.8	1	2.8	130.5	0.69	<0.05	13.4	0.270	2.62	3.4
M897152		420	154.5	<0.002	9.06	68.5	7.4	2	7.6	28.9	0.42	0.91	9.7	0.169	2.50	2.6
M897153		2.3	2.5	0.002	0.03	0.25	0.4	<1	<0.2	41.7	<0.05	0.06	<0.2	<0.005	0.04	0.4
M897154		57.5	110.0	0.002	0.27	10.60	10.1	<1	2.2	109.5	0.69	<0.05	12.4	0.258	2.23	4.5
M897155		2910	159.0	0.004	5.04	86.2	8.4	1	7.9	90.3	0.49	0.36	10.0	0.186	2.37	5.2
M897156		183.5	181.5	0.002	5.57	39.5	8.3	2	6.2	26.3	0.49	0.39	11.6	0.198	2.95	4.7
M897157		62.1	148.5	<0.002	0.54	4.87	9.7	<1	1.7	114.0	0.71	0.08	17.3	0.236	2.67	7.7
M897158		33.3	132.5	0.005	0.41	6.24	10.4	1	2.2	125.5	0.61	<0.05	14.2	0.253	2.68	5.7
M897159		30.4	122.0	0.006	0.41	6.19	10.6	1	2.2	128.0	0.63	<0.05	13.5	0.250	2.64	5.5
M897160		403	148.0	0.002	3.91	18.30	9.6	<1	6.3	131.5	0.50	0.10	11.3	0.213	3.59	4.2
M897161		265	176.0	<0.002	1.97	13.90	10.3	1	4.9	88.1	0.56	0.12	14.2	0.239	3.31	5.9
M897162		219	167.0	<0.002	1.30	9.86	9.9	1	3.7	101.5	0.57	0.09	14.5	0.237	3.03	5.1
M897163		67.7	115.0	0.002	0.37	5.85	10.7	<1	2.9	174.0	0.60	0.08	15.2	0.268	2.24	5.7
M897164		38.7	109.5	<0.002	0.32	5.63	10.5	1	4.0	144.0	0.65	<0.05	13.2	0.263	2.23	5.0
M897165		654	186.5	0.010	4.71	92.0	9.3	1	12.6	88.3	0.52	0.16	12.1	0.209	2.72	6.2
M897166		3.5	2.7	0.002	0.03	0.37	0.3	<1	0.2	45.2	<0.05	0.05	0.2	<0.005	0.02	0.7
M897167		162.5	193.5	<0.002	2.14	14.00	9.5	1	5.0	54.0	0.49	0.11	11.0	0.203	2.96	3.2
M897168		462	198.0	<0.002	6.56	121.0	10.1	1	17.4	66.2	0.54	0.19	11.3	0.226	3.54	2.4
M897169		203	165.5	<0.002	2.51	12.45	9.6	1	6.6	54.4	0.57	<0.05	13.6	0.238	2.98	4.7
M897170		9140	133.5	<0.002	6.97	215	7.0	2	8.9	117.0	0.41	0.50	7.7	0.179	2.06	4.7
M897171		1980	153.5	<0.002	6.21	53.5	8.0	1	10.3	52.4	0.50	0.42	9.7	0.191	2.72	3.1
M897172		233	193.5	<0.002	2.05	10.45	10.5	1	7.6	115.5	0.57	0.17	13.5	0.249	2.99	5.6
M897173		60.0	128.5	<0.002	0.31	6.80	10.0	1	2.9	288	0.67	<0.05	13.7	0.266	1.64	3.8
M897174		72.6	117.5	<0.002	0.21	6.30	10.4	1	2.0	317	0.65	<0.05	13.9	0.268	1.41	3.7
M897175		16.4	118.5	<0.002	0.04	11.95	10.8	1	1.8	238	0.69	<0.05	13.0	0.271	1.54	3.1
M897176		164.5	120.0	<0.002	0.88	22.7	10.8	1	2.5	187.0	0.69	<0.05	13.7	0.266	1.94	5.4
M897177		49.0	127.0	<0.002	0.39	13.30	10.7	1	2.8	101.0	0.62	<0.05	13.4	0.248	1.96	7.8
M897178		324	177.0	<0.002	2.62	8.96	9.5	1	8.9	88.6	0.52	0.08	12.0	0.229	2.52	5.4
M897179		75.2	137.0	<0.002	0.52	9.08	11.0	1	3.0	182.0	0.64	<0.05	13.3	0.264	2.25	5.3
M897180		152.5	207	<0.002	4.29	22.2	9.1	1	4.9	73.0	0.45	0.13	11.6	0.194	3.09	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151542

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897145		63	6.0	11.4	986	27.2		
M897146		75	4.7	12.7	293	29.1		
M897147		69	5.6	12.0	784	30.0		
M897148		62	1.5	11.4	87	197.0		
M897149		51	2.2	14.0	84	137.5		
M897150		71	5.9	11.2	327	30.9		
M897151		74	4.6	12.7	258	33.6		
M897152		52	7.4	8.3	916	21.5		
M897153		3	0.1	0.8	16	<0.5		
M897154		70	3.5	12.7	117	30.4		
M897155		58	4.9	9.8	5190	26.3		
M897156		57	6.3	8.9	333	24.0		
M897157		63	4.2	14.1	168	31.6		
M897158		69	5.7	14.8	98	29.6		
M897159		68	5.5	14.8	86	30.0		
M897160		60	7.8	10.6	1040	26.7		
M897161		65	5.0	11.9	706	28.1		
M897162		67	4.9	12.6	799	28.6		
M897163		70	4.6	17.1	131	29.9		
M897164		72	4.2	15.3	80	31.0		
M897165		61	6.7	11.6	2720	25.0		
M897166		3	0.2	1.1	25	0.6		
M897167		63	5.0	9.6	562	28.6		
M897168		64	11.5	8.1	1760	29.3		
M897169		64	7.2	10.3	749	31.4		
M897170		50	4.4	8.3	>10000	32.9	123	1.615
M897171		52	9.4	8.2	2300	23.8		
M897172		70	5.6	12.8	444	30.5		
M897173		70	2.2	16.1	123	36.9		
M897174		72	1.9	14.4	324	33.1		
M897175		72	2.1	14.5	63	37.0		
M897176		72	3.3	14.8	348	38.5		
M897177		68	3.9	14.2	85	32.5		
M897178		64	4.7	10.8	963	26.9		
M897179		73	3.4	13.8	197	33.1		
M897180		60	4.4	10.4	634	26.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-73

Finalized Date: 22-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151542

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151543

Project: Klaza-73

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

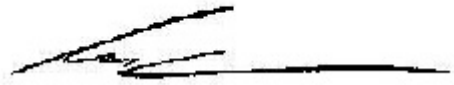
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151543

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897181		3.77	0.148	1.35	7.50	600	1000	1.39	1.44	2.04	7.04	51.3	3.6	9	17.05	23.7
M897182		5.33	0.377	1.39	7.68	2210	940	1.37	0.73	2.49	10.45	56.6	3.5	6	15.50	19.6
M897183		9.57	0.034	0.30	7.81	165.0	1860	1.43	0.37	2.23	1.88	51.1	4.8	8	15.00	4.8
M897184		4.36	0.324	5.93	7.78	1315	350	1.38	2.71	1.78	9.94	46.5	5.5	8	14.75	179.0
M897185		2.47	<0.005	0.02	0.11	<5	30	0.06	0.02	21.3	0.08	1.44	1.3	<1	0.72	3.0
M897186		4.50	0.035	1.61	8.03	151.5	930	1.68	2.05	2.21	11.35	69.9	7.1	8	18.70	41.7
M897187		5.58	0.110	8.86	7.75	190.0	780	1.31	12.75	1.34	17.55	50.7	5.6	9	15.00	347
M897188		9.76	0.065	1.31	8.21	187.5	1400	1.54	1.62	1.90	2.32	54.0	5.1	10	20.3	46.3
M897189		<0.02	0.064	1.24	8.23	179.0	1410	1.54	1.52	1.92	2.25	53.9	4.8	11	19.80	40.5
M897190		10.70	<0.005	0.08	8.01	9.6	2220	1.40	0.23	2.95	0.16	52.4	6.6	9	11.20	0.9
M897191		7.13	0.005	0.09	7.74	14.0	1900	1.35	0.24	2.88	0.09	48.0	6.0	9	8.89	2.6
M897192		6.75	<0.005	0.15	7.90	10.1	2060	1.50	0.34	2.12	0.41	49.3	4.8	9	10.20	2.5
M897193		2.89	<0.005	0.17	7.87	9.4	2150	1.40	0.34	2.13	0.38	51.0	5.0	8	11.30	3.3
M897194		13.60	0.005	0.21	7.97	14.5	2200	1.51	0.31	2.46	0.48	47.9	5.2	9	10.75	3.5
M897195		9.82	<0.005	0.10	7.88	9.7	1810	1.38	0.20	3.51	0.16	49.6	8.3	10	8.22	1.6
M897196		5.57	<0.005	0.06	8.35	11.5	1880	1.32	0.15	2.44	0.11	49.0	4.7	10	7.65	10.3
M897197		0.22	2.16	27.5	5.84	3410	730	1.31	18.30	2.20	76.5	38.1	10.5	17	13.60	433
M897198		4.68	0.782	6.87	7.60	887	1630	1.50	2.00	1.96	32.8	52.6	5.6	9	7.34	68.9
M897199		13.96	0.005	0.16	6.71	12.8	1080	1.50	0.25	3.44	0.18	38.9	5.0	12	7.02	3.3
M897200		10.71	<0.005	0.07	6.86	8.2	1130	1.56	0.25	3.23	0.11	37.7	4.4	10	8.96	2.7
M897201		4.26	0.006	0.08	6.90	8.8	980	1.63	0.28	3.13	0.32	37.3	6.0	8	8.26	2.1
M897202		0.25	2.39	23.4	5.84	3460	1570	1.41	17.40	2.26	78.3	41.8	11.8	20	15.10	427
M897203		5.92	<0.005	0.12	7.11	13.0	870	1.77	0.20	3.20	0.23	47.1	7.6	10	10.65	2.5
M897204		4.95	<0.005	0.17	7.05	8.3	880	1.40	0.32	2.64	0.30	38.9	8.5	9	9.68	2.2
M897205		7.26	<0.005	0.16	7.09	9.8	1410	1.68	0.25	2.39	0.15	42.0	4.6	10	13.95	2.3
M897206		5.71	<0.005	0.13	7.00	10.1	740	1.71	0.23	2.39	0.16	43.7	6.1	9	9.85	2.7
M897207		10.94	0.006	0.18	6.98	9.6	880	1.73	0.35	3.26	0.34	43.4	9.9	10	9.87	2.8
M897208		4.71	0.008	0.45	5.31	21.7	350	1.15	0.71	4.05	0.21	30.6	63.1	9	11.45	58.6
M897209		3.24	<0.005	0.01	0.10	<5	30	0.07	0.02	21.8	0.06	1.44	1.2	2	0.36	1.7
M897210		5.56	<0.005	0.26	6.86	11.7	920	1.71	0.58	2.93	0.19	32.5	14.0	9	18.05	7.0
M897211		10.27	<0.005	0.13	7.26	8.1	1770	1.85	0.21	2.33	0.16	46.7	4.9	10	11.50	4.6
M897212		9.76	<0.005	0.23	7.51	17.2	1780	1.83	0.26	2.33	0.50	43.1	5.8	10	11.45	6.6
M897213		4.33	0.105	10.40	6.77	396	670	1.75	29.8	1.33	4.62	51.0	5.2	9	16.95	236
M897214		11.28	<0.005	0.17	7.66	11.3	1790	1.96	0.23	1.68	0.97	51.4	4.8	10	15.45	3.1
M897215		9.77	0.014	0.18	7.69	12.2	1030	1.91	0.31	1.49	0.22	55.0	6.5	9	13.50	10.1
M897236		4.69	2.06	6.15	5.95	472	300	1.53	10.35	1.11	0.69	47.2	11.0	9	6.55	248

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897181		3.88	17.05	0.18	1.1	0.134	3.03	29.0	10.3	0.80	3060	1.99	0.04	8.0	2.1	540
M897182		4.12	16.30	0.09	1.1	0.163	3.18	32.6	13.9	0.88	7080	6.64	0.04	7.8	2.2	690
M897183		3.26	16.05	0.09	1.3	0.095	2.77	28.4	130.0	0.95	1720	2.03	0.08	8.5	2.4	570
M897184		4.44	16.55	0.10	1.1	0.162	2.95	24.7	44.3	0.76	2410	1.88	0.06	7.7	2.4	570
M897185		0.49	0.37	<0.05	<0.1	<0.005	0.05	0.7	1.7	12.40	230	0.14	<0.01	0.4	<0.2	190
M897186		4.02	16.70	0.13	1.0	0.441	3.19	41.3	15.0	0.88	2390	1.49	0.05	7.0	2.3	590
M897187		4.66	17.95	0.12	1.0	0.663	2.99	28.0	37.7	0.61	1060	1.10	0.08	7.7	2.4	590
M897188		4.47	16.85	0.11	1.1	0.168	3.24	29.6	23.1	0.83	1680	1.12	0.06	8.3	2.7	620
M897189		4.46	16.55	0.12	1.1	0.154	3.17	29.3	21.9	0.83	1700	1.35	0.06	8.4	2.5	620
M897190		2.88	15.50	0.11	1.1	0.053	2.66	27.1	14.8	0.85	540	0.90	2.13	8.2	2.3	610
M897191		2.85	15.50	0.10	1.0	0.070	2.56	24.7	11.4	0.71	616	1.50	2.03	7.6	2.2	600
M897192		3.38	15.40	0.11	1.1	0.070	2.74	26.3	17.2	0.75	837	1.03	1.72	7.7	2.3	590
M897193		3.31	15.65	0.12	1.1	0.060	2.82	27.5	18.5	0.75	785	1.52	1.73	8.2	2.2	600
M897194		3.10	16.05	0.10	1.2	0.064	2.75	24.3	13.4	0.76	620	1.23	2.02	8.6	2.3	610
M897195		3.02	15.90	0.12	1.1	0.059	2.48	24.8	16.5	0.88	691	1.21	1.75	8.0	2.7	610
M897196		3.21	16.30	0.11	1.2	0.059	2.69	24.7	19.9	0.83	604	1.25	0.77	8.7	2.4	680
M897197		6.73	13.90	0.14	0.9	1.755	2.62	21.3	25.5	0.91	1860	13.30	0.04	6.1	15.5	440
M897198		4.09	17.25	0.13	1.2	0.304	2.67	29.1	19.3	0.63	962	1.08	0.40	7.7	2.5	610
M897199		2.65	16.10	0.11	1.1	0.067	1.49	18.8	10.8	0.82	689	0.99	1.81	7.2	2.1	550
M897200		2.28	16.10	0.10	1.1	0.050	1.44	17.8	11.2	0.71	555	0.68	2.21	6.9	1.9	560
M897201		2.16	16.45	0.10	1.0	0.061	1.23	16.8	11.8	0.72	559	0.55	2.64	7.1	1.5	560
M897202		6.67	15.45	0.16	1.0	1.635	2.67	21.8	31.5	0.93	1870	13.45	0.05	6.5	16.0	440
M897203		2.37	18.50	0.11	1.0	0.061	1.19	19.4	12.2	0.80	542	0.66	2.56	7.5	2.2	570
M897204		2.74	17.20	0.11	1.0	0.044	1.17	18.3	13.7	0.76	480	0.93	2.91	8.0	2.2	560
M897205		2.49	17.95	0.13	1.2	0.044	1.82	19.7	17.1	0.71	436	0.80	2.10	8.8	1.9	560
M897206		2.52	18.30	0.12	1.1	0.053	1.23	20.5	18.0	0.45	553	0.97	1.93	8.9	2.0	560
M897207		2.46	18.60	0.12	1.1	0.072	1.45	19.8	10.6	0.80	548	0.89	2.65	8.4	1.9	560
M897208		6.33	16.65	0.14	0.6	0.102	0.58	15.8	20.8	1.42	786	5.30	1.30	6.0	4.2	350
M897209		0.47	0.33	0.07	<0.1	<0.005	0.04	0.7	1.3	12.90	213	0.16	0.01	0.2	<0.2	170
M897210		2.08	18.65	0.08	1.1	0.058	1.54	13.7	12.5	0.53	469	1.51	2.85	7.8	1.2	560
M897211		2.79	17.95	0.12	1.2	0.034	2.37	21.5	16.8	0.76	455	0.71	2.79	8.7	1.7	570
M897212		3.14	18.70	0.12	1.1	0.045	2.30	19.2	26.8	0.70	580	0.77	1.96	9.0	2.0	610
M897213		5.74	17.50	0.15	1.0	0.262	2.76	26.5	37.5	0.77	2150	5.03	0.06	7.1	2.3	500
M897214		3.15	18.70	0.13	1.2	0.067	2.49	24.9	23.6	0.48	586	0.62	1.32	8.8	2.4	600
M897215		2.61	20.1	0.14	1.2	0.101	1.90	25.3	29.7	0.50	666	0.79	0.28	9.0	2.6	620
M897236		6.28	15.65	0.18	0.8	0.324	2.88	20.3	22.0	0.58	799	17.50	0.05	5.9	2.7	430

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151543

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897181		206	175.0	<0.002	1.99	13.00	9.6	1	4.9	92.4	0.66	0.05	14.4	0.223	3.57	3.8
M897182		274	184.0	0.002	1.71	24.0	12.1	1	3.8	169.5	0.61	<0.05	13.6	0.240	3.46	6.4
M897183		55.4	147.0	<0.002	0.56	8.36	11.1	1	2.2	159.0	0.70	<0.05	14.4	0.238	2.47	6.2
M897184		386	159.0	<0.002	2.40	38.2	10.6	1	7.2	130.0	0.63	0.08	12.2	0.228	2.86	5.5
M897185		1.7	4.1	<0.002	0.01	0.10	0.3	1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M897186		209	169.0	<0.002	1.45	8.53	10.4	1	4.9	83.4	0.55	0.08	12.0	0.229	2.84	5.3
M897187		281	141.5	<0.002	1.93	21.6	11.1	1	10.2	94.8	0.60	0.11	13.5	0.238	2.13	4.1
M897188		124.5	145.0	<0.002	0.97	11.25	12.0	1	4.8	95.0	0.64	<0.05	13.8	0.254	2.58	5.4
M897189		120.0	142.0	<0.002	0.92	10.55	11.9	1	4.7	95.5	0.61	<0.05	13.5	0.252	2.55	5.5
M897190		16.3	95.8	<0.002	0.16	3.38	11.3	1	1.8	336	0.63	<0.05	13.7	0.248	1.06	4.8
M897191		13.7	99.5	<0.002	0.21	2.97	10.7	1	1.9	316	0.60	<0.05	12.1	0.230	1.10	3.4
M897192		26.1	100.5	0.003	0.12	5.64	10.4	1	1.9	334	0.62	<0.05	13.7	0.238	1.16	4.6
M897193		32.1	101.5	<0.002	0.10	4.97	11.0	1	2.0	352	0.65	<0.05	13.9	0.240	1.14	3.9
M897194		40.1	101.5	0.002	0.21	3.44	11.4	1	2.0	378	0.67	<0.05	13.6	0.252	1.08	4.8
M897195		18.8	84.9	<0.002	0.24	4.76	10.8	1	1.8	306	0.62	<0.05	12.8	0.239	1.09	3.2
M897196		16.1	90.4	<0.002	0.14	5.86	11.2	1	4.3	173.0	0.69	<0.05	14.3	0.262	1.15	3.0
M897197		2710	151.5	0.002	4.66	82.8	7.5	1	7.4	88.6	0.46	0.34	9.9	0.179	2.08	4.8
M897198		1425	129.0	<0.002	1.59	19.85	10.8	1	3.6	119.0	0.64	0.08	15.2	0.241	1.46	3.7
M897199		15.5	56.3	<0.002	0.15	4.84	9.8	1	1.8	277	0.63	<0.05	11.2	0.217	0.87	3.0
M897200		9.9	47.4	<0.002	0.18	5.33	9.9	1	1.7	280	0.58	<0.05	12.6	0.211	0.71	3.1
M897201		25.5	38.3	<0.002	0.16	5.73	9.9	1	2.0	308	0.60	<0.05	11.9	0.220	0.66	3.2
M897202		2730	166.0	<0.002	5.02	88.3	8.9	2	7.8	93.2	0.53	0.39	10.6	0.183	2.21	4.9
M897203		15.0	49.6	<0.002	0.19	6.86	11.7	1	2.3	298	0.61	<0.05	12.0	0.228	0.67	3.6
M897204		14.7	42.2	<0.002	0.27	4.37	11.5	1	1.7	304	0.68	0.05	11.6	0.248	0.50	3.3
M897205		16.0	58.8	<0.002	0.08	5.62	11.8	1	1.4	358	0.76	<0.05	12.5	0.255	0.61	3.6
M897206		14.1	41.8	<0.002	0.10	8.16	11.4	1	1.9	247	0.71	<0.05	11.0	0.259	0.51	3.2
M897207		17.4	59.8	<0.002	0.42	4.22	12.3	1	2.0	264	0.71	<0.05	11.4	0.249	0.74	3.6
M897208		19.5	31.2	0.007	3.14	4.28	7.4	2	2.1	254	0.45	0.17	8.3	0.160	0.32	2.9
M897209		1.2	2.1	<0.002	0.02	<0.05	0.4	2	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897210		15.6	70.0	<0.002	0.32	3.81	9.8	1	2.3	248	0.73	0.05	10.1	0.244	0.87	2.3
M897211		15.1	89.3	<0.002	0.05	2.51	11.9	1	1.6	433	0.75	<0.05	11.6	0.261	0.82	3.0
M897212		22.4	81.9	<0.002	0.11	10.75	12.8	1	2.0	327	0.74	<0.05	12.0	0.272	0.87	3.1
M897213		308	149.0	<0.002	1.65	110.5	10.8	1	5.5	65.8	0.60	0.05	12.3	0.222	2.46	4.7
M897214		24.8	106.5	<0.002	0.11	10.60	13.2	1	2.8	232	0.73	<0.05	13.7	0.263	1.26	3.2
M897215		15.8	118.0	<0.002	0.20	16.00	14.4	1	2.4	92.9	0.77	<0.05	14.5	0.261	1.44	3.4
M897236		106.5	201	<0.002	5.51	96.7	9.4	2	5.4	41.2	0.53	0.74	10.7	0.178	2.54	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151543

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897181		62	6.0	14.9	583	32.3
M897182		71	6.2	15.7	987	29.6
M897183		67	6.0	14.1	193	33.8
M897184		65	6.9	13.3	973	31.0
M897185		2	0.2	1.0	19	<0.5
M897186		67	3.9	13.5	980	26.0
M897187		68	4.4	14.3	1240	27.5
M897188		73	5.7	14.4	282	29.5
M897189		73	5.7	14.4	277	31.1
M897190		68	1.5	16.5	54	29.6
M897191		67	1.2	14.8	43	27.8
M897192		67	1.5	15.9	83	30.3
M897193		67	1.7	17.3	78	28.7
M897194		70	1.5	16.7	79	33.7
M897195		70	2.4	16.0	50	29.4
M897196		75	2.5	15.8	49	32.7
M897197		56	4.8	9.0	5230	25.5
M897198		72	3.4	15.0	1940	30.1
M897199		69	0.9	15.5	55	28.4
M897200		65	0.8	14.7	51	27.1
M897201		65	0.9	14.6	57	26.6
M897202		56	5.7	10.3	5210	26.8
M897203		65	1.1	15.9	62	27.2
M897204		64	1.2	13.5	66	27.9
M897205		64	2.3	15.1	48	30.9
M897206		67	4.5	15.3	50	29.7
M897207		67	1.5	15.8	69	30.3
M897208		100	0.8	18.6	84	15.3
M897209		2	0.1	0.9	14	<0.5
M897210		60	1.5	12.0	44	28.8
M897211		67	1.0	16.3	42	30.5
M897212		74	2.0	16.0	70	30.3
M897213		62	8.8	12.4	439	24.3
M897214		70	3.4	16.3	77	31.7
M897215		74	2.9	17.7	47	30.8
M897236		52	4.2	10.2	85	20.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-73

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151543

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151544

Project: Klaza-73

P.O. No.: Batch 5

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

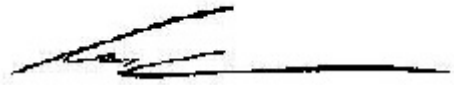
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151544

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897216		7.27	<0.005	0.63	6.86	16.0	470	1.54	0.44	3.60	0.32	38.7	18.7	16	8.65	2.5
M897217		8.76	<0.005	0.19	6.79	12.5	330	1.57	0.26	3.76	0.34	33.4	7.8	17	10.55	3.1
M897218		6.35	<0.005	0.18	6.65	7.9	320	1.58	0.24	4.07	0.39	35.5	5.8	26	12.25	3.6
M897219		12.58	<0.005	0.30	7.21	13.3	240	1.65	0.22	3.84	0.24	32.9	1.8	18	9.03	30.7
M897220		0.22	0.721	9.20	6.68	1850	340	1.38	5.99	1.88	40.5	41.5	15.9	21	16.85	103.5
M897221		6.06	<0.005	0.23	6.67	7.0	190	1.52	0.26	4.36	0.22	29.8	1.2	12	11.35	13.9
M897222		5.85	<0.005	0.19	6.69	7.3	250	1.49	0.23	4.01	0.47	31.5	1.2	15	10.45	9.6
M897223		<0.02	<0.005	0.20	6.73	6.6	250	1.42	0.21	4.02	0.42	31.3	1.2	17	10.45	9.4
M897224		9.63	<0.005	0.22	6.73	6.1	240	1.15	0.20	5.55	0.22	41.5	3.8	13	8.10	13.3
M897225		4.28	0.005	0.48	5.70	10.5	420	0.97	0.63	3.60	0.57	32.1	24.3	18	7.52	6.8
M897226		2.21	<0.005	0.02	0.07	<5	20	0.05	0.04	20.6	0.06	1.07	0.6	<1	0.15	1.4
M897227		10.99	<0.005	0.18	6.59	9.1	720	1.25	0.33	3.26	0.28	38.2	7.1	17	5.84	8.3
M897228		0.24	0.790	8.81	6.49	1805	620	1.44	6.27	1.87	40.1	45.0	14.8	20	15.30	104.0
M897229		7.90	<0.005	0.31	6.90	13.6	890	1.23	0.46	2.54	0.24	47.1	13.2	16	5.08	30.5
M897230		4.30	0.030	0.43	7.08	16.1	1800	1.31	0.98	1.61	0.41	47.5	31.8	17	8.34	41.1
M897231		4.57	0.018	0.81	5.60	23.8	400	1.41	1.34	4.18	0.52	40.6	95.6	8	36.5	61.3
M897232		3.79	<0.005	0.03	0.09	<5	20	0.05	0.03	21.4	0.07	1.31	0.7	1	0.36	1.2
M897233		4.55	<0.005	0.32	7.01	8.7	730	1.25	0.47	3.11	0.88	44.9	7.3	26	7.05	7.9
M897234		4.84	<0.005	0.30	6.57	6.6	1000	1.07	0.49	6.96	0.51	50.7	4.6	12	6.13	4.9
M897235		6.01	<0.005	0.35	6.45	13.4	820	1.09	0.41	5.35	2.93	39.7	4.4	22	5.78	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897216		1.47	17.60	0.25	0.9	0.055	1.61	15.1	12.4	0.60	569	1.37	1.70	8.5	3.4	600
M897217		1.13	16.45	0.24	0.8	0.047	0.72	14.7	14.9	0.74	476	1.34	1.96	7.6	2.9	520
M897218		1.06	16.85	0.27	1.0	0.052	0.73	15.5	14.6	0.74	503	1.82	1.89	8.1	2.5	580
M897219		1.19	17.95	0.25	0.9	0.115	0.36	12.8	15.1	0.78	508	1.00	2.81	8.7	2.2	580
M897220		5.31	15.95	0.24	1.4	0.900	2.81	22.6	22.9	0.69	1960	11.75	0.26	7.9	14.2	490
M897221		0.90	15.40	0.11	0.7	0.071	0.44	11.5	28.3	1.03	550	0.66	1.74	7.1	1.6	570
M897222		1.00	14.35	0.11	0.8	0.082	0.57	11.6	18.4	0.90	561	1.53	1.84	6.6	1.5	560
M897223		1.01	14.50	0.09	0.8	0.093	0.56	11.4	18.5	0.91	556	1.58	1.87	6.5	1.4	550
M897224		1.24	13.80	0.10	0.8	0.065	0.49	17.0	29.9	0.99	596	0.99	0.75	6.6	2.2	540
M897225		1.74	12.35	0.10	0.6	0.102	0.97	13.6	19.2	1.04	647	9.80	0.72	4.5	7.0	390
M897226		0.47	0.19	0.13	<0.1	<0.005	0.02	0.5	0.9	12.55	202	0.09	0.01	0.1	1.6	170
M897227		1.70	15.10	0.14	0.9	0.095	1.52	14.2	11.0	0.69	569	5.68	1.75	6.0	2.9	510
M897228		5.24	13.60	0.09	1.4	0.852	2.69	22.9	23.9	0.68	1920	11.30	0.26	6.8	13.8	490
M897229		2.73	15.40	0.10	0.8	0.055	1.50	22.9	11.5	0.70	533	5.03	2.27	6.3	3.5	510
M897230		3.97	15.10	0.07	0.9	0.096	2.45	25.6	17.0	0.84	608	29.3	1.34	6.7	4.6	530
M897231		6.29	14.65	0.05	0.6	0.092	1.00	21.6	32.1	1.40	939	6.20	0.62	4.7	11.4	330
M897232		0.47	0.25	0.08	<0.1	<0.005	0.03	0.6	1.1	12.70	207	0.17	0.01	0.2	1.8	170
M897233		2.08	14.55	0.12	0.8	0.041	1.40	22.2	22.8	0.62	529	2.05	2.08	7.1	2.7	570
M897234		2.10	13.65	0.11	0.7	0.032	1.64	27.5	26.9	0.58	719	1.74	1.34	6.3	1.5	510
M897235		2.67	14.50	0.11	0.9	0.036	1.51	19.6	26.5	0.68	753	1.87	0.96	6.9	2.4	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151544

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897216		17.8	94.8	0.002	0.39	3.23	10.3	1	2.3	255	0.65	0.30	11.5	0.253	1.61	4.3
M897217		17.4	36.9	0.002	0.22	2.59	9.6	1	2.0	341	0.59	0.05	10.8	0.223	0.77	2.8
M897218		19.7	35.1	<0.002	0.20	2.65	10.3	1	2.4	336	0.64	0.05	11.0	0.239	0.83	2.9
M897219		14.6	15.0	<0.002	0.04	2.89	11.0	1	2.8	468	0.65	0.05	11.6	0.249	0.36	2.6
M897220		1315	157.0	<0.002	3.12	35.0	8.1	1	6.0	153.0	0.64	0.30	11.0	0.210	2.40	4.9
M897221		21.7	15.1	<0.002	0.02	4.25	9.6	<1	2.0	449	0.59	0.05	11.1	0.239	0.44	1.8
M897222		17.7	23.6	<0.002	0.05	2.62	8.8	1	2.1	409	0.53	0.09	11.1	0.231	0.62	1.9
M897223		17.8	22.7	0.002	0.06	2.54	9.1	1	2.0	413	0.54	0.06	11.0	0.223	0.60	1.9
M897224		13.1	19.4	<0.002	0.07	4.84	9.0	1	1.9	392	0.54	0.08	11.9	0.221	0.42	2.5
M897225		44.8	53.3	0.007	0.54	4.73	9.2	1	1.7	174.0	0.38	0.21	10.2	0.159	0.81	3.3
M897226		1.2	0.9	0.002	0.02	0.05	0.2	<1	<0.2	37.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897227		16.3	75.3	0.003	0.19	2.92	8.8	1	2.6	189.5	0.53	0.07	12.4	0.203	1.45	2.3
M897228		1315	145.5	<0.002	3.05	30.5	7.9	1	5.0	139.5	0.57	0.43	12.2	0.203	2.34	5.1
M897229		16.3	74.2	0.004	0.47	2.89	9.6	1	1.8	231	0.51	0.10	12.6	0.219	0.95	5.2
M897230		23.0	116.0	0.019	1.11	2.68	9.4	1	1.9	219	0.56	0.40	13.6	0.241	1.17	6.8
M897231		41.7	59.6	0.005	3.75	7.90	11.3	2	1.9	205	0.36	0.27	9.3	0.143	0.59	8.7
M897232		1.3	2.0	<0.002	0.01	0.06	0.2	<1	<0.2	38.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M897233		25.0	65.2	<0.002	0.18	5.15	8.8	1	1.4	267	0.58	0.07	12.4	0.244	0.83	2.8
M897234		25.6	77.7	<0.002	0.09	7.88	9.0	1	1.1	399	0.47	<0.05	12.6	0.208	0.79	2.5
M897235		57.0	52.2	<0.002	0.11	5.03	8.7	1	1.4	247	0.54	0.05	11.3	0.233	0.84	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2012
Account: ROCKHA

Project: Klaza-73

CERTIFICATE OF ANALYSIS WH12151544

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897216		73	0.8	14.8	59	25.4
M897217		68	0.8	14.6	53	23.3
M897218		72	1.0	15.9	58	27.3
M897219		66	0.7	15.1	50	25.8
M897220		59	5.6	11.3	3010	40.9
M897221		61	2.0	14.4	53	18.9
M897222		59	1.6	12.9	65	19.9
M897223		59	1.6	12.6	62	19.4
M897224		61	2.0	17.1	45	19.1
M897225		80	1.3	16.8	78	15.7
M897226		2	0.1	0.7	13	<0.5
M897227		70	1.5	17.0	51	20.9
M897228		56	4.9	10.8	2940	33.0
M897229		79	1.3	13.7	63	20.3
M897230		73	1.9	14.5	91	21.7
M897231		117	1.7	25.6	96	14.1
M897232		3	0.1	0.8	14	<0.5
M897233		64	1.7	12.0	87	21.4
M897234		57	1.3	14.2	70	20.3
M897235		63	2.0	15.3	189	22.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-73

Finalized Date: 21-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151544

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151545

Project: Klaza-76

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

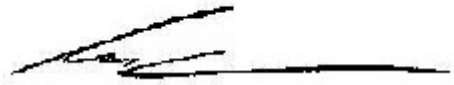
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151545

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899087		10.81	0.015	0.53	8.11	36.5	3230	1.74	1.76	0.79	2.83	45.4	12.0	9	16.60	21.2
M899088		7.77	0.017	0.85	7.81	78.2	1650	1.45	1.78	1.17	7.26	38.7	8.8	8	14.55	35.6
M899089		11.00	0.065	1.59	7.48	159.5	1570	1.47	1.94	1.48	14.45	45.1	10.0	7	14.65	81.3
M899090		<0.02	0.067	1.69	7.61	161.5	1030	1.51	1.98	1.49	14.75	46.9	10.7	7	15.20	87.0
M899091		10.15	0.088	0.42	7.46	89.3	2360	1.39	0.60	1.72	4.91	45.4	6.5	7	14.55	6.8
M899092		9.17	0.041	0.64	7.63	89.0	2680	1.45	1.94	1.63	6.24	35.8	7.2	7	13.25	23.4
M899093		7.98	0.534	7.55	7.21	1415	450	1.46	4.25	0.70	64.0	49.5	5.8	7	11.95	435
M899094		0.26	2.23	23.8	5.99	3590	210	1.19	18.65	2.17	71.1	42.1	10.2	17	14.30	447
M899095		3.86	0.130	5.01	7.09	250	210	1.41	4.08	0.40	36.4	55.1	6.1	8	13.30	110.0
M899096		11.99	<0.005	0.10	7.24	15.3	1120	1.99	0.09	3.44	0.64	53.4	5.1	12	34.5	8.6
M899097		9.25	<0.005	0.09	7.35	19.9	960	2.17	0.10	2.97	0.19	57.0	5.6	17	36.7	7.5
M899098		3.47	0.542	7.81	7.53	247	870	3.41	11.35	0.75	11.75	60.7	8.0	24	45.1	307
M899099		9.94	<0.005	0.40	6.52	21.1	820	2.58	0.68	0.34	0.39	18.30	0.7	1	27.1	5.5
M899100		5.72	<0.005	0.12	6.52	34.7	440	2.92	0.34	0.23	0.75	23.2	1.5	3	23.7	3.1
M899101		0.23	2.24	24.9	5.98	3590	190	1.24	18.95	2.17	74.1	44.6	10.2	18	15.05	453
M899102		10.70	0.031	0.94	7.08	91.2	1340	1.68	2.02	1.08	2.72	50.5	4.0	6	20.2	43.3
M899103		8.61	0.016	0.77	7.29	51.7	1770	1.58	2.12	1.53	1.25	61.0	3.8	7	17.50	10.5
M899104		4.81	0.014	0.42	4.88	59.5	1790	1.16	1.56	0.81	1.25	32.8	4.9	5	14.15	20.4
M899105		4.76	0.013	0.52	7.63	59.3	1450	1.47	2.60	1.51	1.36	52.7	6.8	7	17.60	11.8
M899106		7.75	0.011	0.25	7.24	20.3	2100	1.32	0.57	1.78	1.41	47.1	4.6	8	17.15	5.4
M899107		9.98	0.010	0.48	7.93	34.1	2480	1.35	0.57	1.56	4.63	46.7	4.6	8	19.75	6.4
M899108		3.75	0.051	1.04	6.99	106.0	820	1.42	1.05	1.57	17.85	46.1	3.5	7	15.85	7.9
M899109		10.58	0.009	0.33	7.87	21.3	2180	1.54	0.94	1.69	3.55	53.3	3.5	8	16.75	5.4
M899110		5.28	0.505	10.40	6.76	202	560	1.24	17.80	1.01	19.90	39.0	12.8	8	9.13	221
M899111		11.60	0.028	0.70	7.48	46.1	1900	1.37	1.45	1.81	5.39	52.8	7.1	7	14.55	13.0
M899112		11.76	0.125	6.71	7.49	379	710	1.64	5.15	1.83	17.05	80.6	27.3	7	13.50	548
M899113		2.89	<0.005	0.02	0.08	<5	20	0.05	0.08	21.2	0.08	1.50	1.3	<1	0.30	2.5
M899114		7.63	0.027	1.12	8.14	79.4	1630	1.63	1.96	1.25	5.66	78.1	7.1	8	15.75	52.0
M899115		3.28	0.017	0.63	8.01	52.1	1390	1.62	1.58	1.28	3.60	83.6	5.9	8	16.55	27.1
M899116		5.45	0.021	1.73	7.36	68.5	1560	1.77	2.18	2.52	10.70	50.5	21.0	6	13.45	28.5
M899117		7.53	0.011	0.59	7.17	47.2	1200	1.57	2.17	1.79	0.50	45.2	12.0	8	14.90	27.2
M899118		4.12	0.012	0.63	7.76	29.9	1320	1.71	1.75	1.41	0.54	62.0	6.2	9	16.95	27.5
M899119		7.11	0.010	0.57	7.26	61.3	1200	1.73	0.73	1.71	0.54	49.5	7.5	7	20.3	116.0
M899120		10.83	0.026	0.65	6.97	106.0	1430	1.97	1.44	2.11	1.42	36.9	6.6	8	18.90	23.3
M899121		3.55	<0.005	0.01	0.08	<5	30	0.05	0.02	21.2	0.07	1.36	1.3	<1	0.24	1.5
M899122		10.42	0.006	0.38	7.09	80.0	970	1.45	0.75	1.33	1.98	48.4	4.6	8	19.25	34.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899087		3.66	16.70	0.13	1.4	0.167	3.08	24.3	27.1	0.42	718	2.06	0.53	8.6	4.2	680
M899088		4.00	16.90	0.14	1.0	0.212	3.09	21.1	24.5	0.56	1260	1.41	0.07	7.6	3.2	600
M899089		4.41	15.95	0.15	1.0	0.415	3.18	24.3	17.2	0.72	1250	2.79	0.56	7.0	4.0	580
M899090		4.55	16.25	0.17	1.0	0.444	3.23	25.1	17.6	0.73	1270	3.33	0.58	7.1	4.1	580
M899091		3.35	15.70	0.15	1.2	0.132	3.18	23.2	19.4	0.58	843	2.08	1.16	7.8	2.9	580
M899092		3.52	15.05	0.16	1.2	0.175	3.41	17.3	15.6	0.62	963	2.36	1.27	7.1	2.9	580
M899093		6.05	15.10	0.18	1.0	2.00	3.36	26.7	7.9	0.67	1410	6.80	0.04	6.5	2.9	530
M899094		6.71	13.55	0.18	0.8	1.555	2.61	22.4	22.5	0.92	1930	12.00	0.04	5.9	15.4	450
M899095		6.02	16.05	0.17	1.1	0.980	3.29	29.5	11.1	0.49	1200	4.33	0.04	6.9	3.2	530
M899096		2.39	17.35	0.14	1.5	0.038	2.20	26.9	19.1	1.05	649	0.41	0.09	8.7	7.3	820
M899097		2.25	18.40	0.16	2.3	0.028	2.42	29.4	19.0	0.97	699	0.57	0.08	9.2	10.4	760
M899098		3.51	19.30	0.17	3.4	0.274	2.66	32.6	15.7	0.46	1090	6.04	0.10	11.6	21.5	570
M899099		0.66	18.80	0.10	2.8	0.029	2.42	8.5	20.9	0.21	253	2.85	0.07	19.9	1.2	40
M899100		0.86	18.15	0.11	2.9	0.027	2.24	11.2	39.6	0.19	318	3.15	0.06	19.0	1.7	160
M899101		6.75	13.80	0.21	0.8	1.625	2.60	24.1	24.4	0.92	1930	12.35	0.04	6.2	15.9	450
M899102		3.90	14.70	0.15	1.0	0.186	2.36	28.8	42.4	0.56	1080	12.35	0.04	6.8	2.7	550
M899103		4.34	15.00	0.17	0.9	0.232	2.81	36.1	26.7	0.77	1320	9.78	0.05	6.7	2.2	550
M899104		2.75	9.61	0.12	0.6	0.187	1.66	19.9	61.2	0.36	813	7.18	0.04	3.8	2.0	360
M899105		3.91	16.65	0.17	1.0	0.274	2.90	27.3	52.0	0.65	1020	3.35	0.06	8.1	3.0	620
M899106		3.17	15.80	0.14	1.1	0.121	2.61	24.8	64.3	0.67	961	1.59	0.07	8.1	2.7	590
M899107		3.76	16.45	0.17	1.1	0.094	3.08	24.3	39.2	0.68	1180	2.55	0.08	8.3	2.6	620
M899108		4.19	13.80	0.16	0.8	0.276	2.47	25.0	43.9	0.68	1140	7.90	0.04	6.5	2.3	540
M899109		3.96	15.40	0.16	0.9	0.188	3.08	30.3	31.1	0.69	1020	13.15	0.37	7.2	2.1	640
M899110		6.49	14.20	0.18	0.7	1.075	3.12	22.4	8.6	0.59	1220	10.45	0.04	5.7	2.0	490
M899111		3.76	14.75	0.15	1.0	0.237	2.67	31.2	29.5	0.74	1120	4.94	0.06	7.0	3.6	590
M899112		5.70	15.95	0.16	0.9	1.350	2.93	58.3	25.0	0.93	1680	4.70	0.06	6.2	3.8	570
M899113		0.51	0.32	0.08	<0.1	0.007	0.04	0.8	1.2	12.85	227	0.18	<0.01	0.3	2.0	180
M899114		3.94	17.65	0.18	1.1	0.319	2.71	49.2	39.0	0.61	1040	6.20	0.07	8.2	2.9	640
M899115		3.55	16.95	0.19	1.1	0.228	2.62	53.8	42.5	0.63	1030	6.25	0.06	8.4	2.6	620
M899116		4.09	16.00	0.16	0.9	0.301	2.59	30.0	21.6	0.98	1340	1.46	0.07	7.2	3.3	590
M899117		3.44	16.15	0.15	0.9	0.250	2.46	25.5	36.6	0.69	1130	3.75	0.07	7.8	3.9	580
M899118		3.27	16.45	0.16	0.9	0.226	2.56	36.3	22.5	0.61	968	6.11	0.10	8.0	2.2	600
M899119		2.67	16.20	0.16	1.0	0.133	2.35	26.6	73.9	0.62	989	6.42	0.05	8.1	3.3	580
M899120		2.83	14.85	0.17	1.3	0.164	2.85	19.6	22.4	0.89	1320	7.37	0.05	6.4	3.5	600
M899121		0.49	0.32	0.10	<0.1	0.005	0.03	0.7	1.2	12.95	228	0.16	<0.01	0.3	2.3	200
M899122		2.66	14.90	0.15	1.3	0.104	2.21	25.9	55.5	0.50	922	6.86	0.04	7.3	2.3	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151545

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899087		57.0	121.0	<0.002	0.63	11.25	11.5	1	2.6	117.0	0.73	0.21	15.2	0.261	1.85	5.0
M899088		233	145.0	<0.002	1.48	15.50	11.6	1	4.1	63.3	0.62	0.33	13.9	0.228	2.28	3.7
M899089		338	139.5	<0.002	1.58	16.20	10.9	1	5.7	117.0	0.56	0.24	14.2	0.215	2.23	4.6
M899090		343	142.5	<0.002	1.67	17.05	10.9	1	5.7	119.0	0.58	0.25	14.6	0.215	2.30	4.8
M899091		159.5	113.5	<0.002	0.45	6.59	10.3	1	2.7	213	0.65	0.08	13.1	0.239	1.60	4.1
M899092		164.0	133.5	<0.002	0.76	8.07	10.3	1	2.7	190.5	0.60	0.10	14.3	0.220	1.89	6.1
M899093		918	212	<0.002	4.22	34.9	9.8	1	7.9	63.1	0.53	0.22	12.6	0.203	3.13	4.6
M899094		2830	150.0	0.002	4.87	80.8	8.1	1	7.1	85.1	0.45	0.37	10.1	0.177	2.39	5.3
M899095		1120	215	<0.002	4.41	31.6	9.1	1	9.4	42.5	0.54	0.22	12.3	0.203	3.19	5.4
M899096		22.0	80.1	<0.002	0.08	7.63	6.0	1	1.2	266	0.63	<0.05	9.1	0.258	1.05	3.8
M899097		20.5	96.7	<0.002	0.06	6.59	6.2	1	1.3	263	0.67	<0.05	10.3	0.258	1.20	6.3
M899098		584	125.5	<0.002	1.69	52.3	6.8	1	5.1	277	0.84	0.25	13.5	0.246	1.76	13.3
M899099		53.6	131.0	<0.002	0.06	10.05	3.3	<1	2.9	48.3	2.61	<0.05	22.4	0.034	1.46	7.3
M899100		37.0	133.5	<0.002	0.02	21.9	3.3	<1	2.7	118.0	2.36	<0.05	20.7	0.064	1.36	6.8
M899101		2830	154.0	0.002	4.89	84.2	8.3	1	7.7	88.2	0.47	0.43	10.3	0.178	2.43	5.5
M899102		105.5	131.5	<0.002	1.11	39.5	9.9	1	3.5	81.2	0.55	0.16	13.2	0.198	2.05	5.3
M899103		100.5	138.0	<0.002	1.20	16.95	11.2	1	4.8	57.2	0.53	0.21	13.7	0.212	2.19	4.6
M899104		51.1	81.4	<0.002	0.82	73.1	7.0	1	2.4	50.1	0.31	0.16	8.9	0.121	1.22	3.7
M899105		44.5	120.5	<0.002	1.02	15.85	11.4	1	3.4	142.5	0.63	0.20	14.0	0.241	1.87	5.1
M899106		30.0	87.5	<0.002	0.27	19.50	10.5	1	2.3	135.0	0.65	<0.05	13.1	0.239	1.46	4.1
M899107		112.5	107.0	<0.002	0.38	15.80	11.1	1	2.5	95.8	0.70	<0.05	13.4	0.249	1.85	5.4
M899108		246	100.5	<0.002	1.70	26.2	9.3	1	2.9	105.0	0.52	0.10	12.4	0.203	1.88	5.9
M899109		73.3	118.5	0.004	0.60	11.65	10.7	1	2.5	112.5	0.58	0.08	13.5	0.227	1.96	5.1
M899110		662	163.0	0.003	4.39	13.45	9.1	1	6.1	24.4	0.45	0.35	11.0	0.182	2.61	3.0
M899111		106.0	97.0	0.002	0.96	12.45	9.8	1	2.5	74.2	0.59	0.16	12.2	0.220	1.71	4.3
M899112		351	141.0	0.003	2.32	22.7	10.1	1	4.0	48.2	0.53	0.63	13.5	0.193	2.40	4.0
M899113		2.1	2.1	<0.002	0.02	0.09	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M899114		66.8	123.5	0.004	0.91	14.80	11.7	1	3.4	74.2	0.68	0.12	15.2	0.240	1.92	4.2
M899115		58.1	121.0	0.005	0.65	12.30	11.7	1	3.0	74.3	0.70	0.10	15.7	0.249	1.94	4.2
M899116		669	105.5	<0.002	1.73	10.20	10.5	1	6.1	69.6	0.55	0.41	12.8	0.207	1.94	4.1
M899117		24.8	107.5	0.002	0.83	15.00	9.9	1	3.3	70.6	0.65	0.14	12.2	0.238	2.03	4.7
M899118		17.8	124.0	0.005	0.61	15.10	10.8	1	2.5	45.8	0.66	0.09	13.3	0.248	2.24	5.2
M899119		14.8	111.5	0.005	0.42	38.6	10.8	1	2.1	78.8	0.69	0.07	13.6	0.239	2.02	6.7
M899120		39.4	178.5	0.003	0.89	18.95	8.6	1	2.4	137.0	0.54	0.11	12.6	0.191	2.17	4.9
M899121		1.4	1.8	<0.002	0.01	0.11	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M899122		42.4	103.0	<0.002	0.26	30.1	8.7	1	1.9	54.4	0.75	<0.05	16.1	0.202	1.77	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151545

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899087		76	1.5	15.5	495	49.2
M899088		73	4.1	13.6	679	33.8
M899089		67	4.6	13.7	1280	32.3
M899090		67	4.8	14.0	1300	33.4
M899091		65	2.4	15.1	589	38.9
M899092		67	1.2	14.1	789	37.5
M899093		63	5.4	9.9	5080	31.6
M899094		56	5.1	9.4	5290	25.8
M899095		63	7.7	9.9	2980	40.8
M899096		49	2.9	12.0	129	51.6
M899097		48	2.2	12.1	92	82.1
M899098		50	3.5	12.9	1020	145.5
M899099		1	1.5	13.3	83	53.3
M899100		9	1.8	12.1	209	67.1
M899101		56	5.1	10.0	5440	27.6
M899102		63	3.3	12.4	316	32.4
M899103		70	2.7	13.1	228	28.3
M899104		49	1.3	9.5	206	19.4
M899105		68	2.3	14.8	209	33.6
M899106		67	2.2	14.2	223	33.0
M899107		70	3.5	14.0	510	36.0
M899108		62	3.7	12.9	1520	26.9
M899109		75	1.6	14.2	398	29.3
M899110		63	3.6	8.6	1440	22.5
M899111		69	2.0	12.5	412	30.9
M899112		68	3.7	12.5	1500	28.0
M899113		3	0.1	0.9	17	1.0
M899114		75	3.2	14.6	500	34.3
M899115		76	2.8	15.0	421	34.5
M899116		58	2.0	14.3	783	27.9
M899117		68	1.7	12.9	200	29.0
M899118		69	1.5	13.6	148	29.5
M899119		67	2.1	13.4	254	32.7
M899120		60	2.4	12.1	233	48.8
M899121		2	0.1	0.8	14	0.5
M899122		58	2.6	11.9	340	39.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-76

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151545

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151546

Project: Klaza-76

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

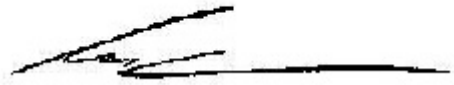
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151546

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899123		12.21	0.012	1.03	6.98	105.5	1010	1.71	1.75	1.16	3.66	55.2	4.9	14	22.8	52.2
M899124		11.34	<0.005	0.08	7.11	81.6	1510	2.19	0.19	1.87	0.59	69.6	6.0	22	15.55	8.2
M899125		11.04	0.009	0.59	6.90	111.5	1210	1.84	0.32	1.15	6.29	58.8	5.5	14	25.4	8.5
M899126		6.36	0.005	0.14	6.81	64.9	740	2.22	0.16	0.72	0.68	69.5	5.9	20	18.90	4.8
M899127		5.62	0.011	0.52	6.64	104.5	1190	1.87	0.52	0.76	2.59	70.6	6.9	20	27.3	48.2
M899128		0.22	4.47	>100	5.23	8060	900	1.09	60.4	1.87	213	33.9	8.2	18	10.80	1250
M899129		8.94	0.273	24.7	4.87	2630	140	1.20	18.60	1.96	67.4	64.3	13.1	11	19.05	1535
M899130		3.15	<0.005	0.11	0.08	9	20	0.07	0.08	21.2	0.17	1.30	0.6	1	0.23	4.0
M899131		12.31	0.006	0.22	7.35	24.6	1850	1.41	0.41	2.27	0.46	51.5	6.0	15	20.5	5.2
M899132		9.85	0.009	0.36	7.32	32.4	1900	1.58	0.29	2.39	0.99	44.2	4.8	15	16.15	5.7
M899133		4.67	0.679	1.57	7.00	139.5	890	1.46	2.11	2.06	3.94	58.0	5.3	15	15.35	16.6
M899134		5.71	<0.005	0.13	7.21	17.6	1730	1.15	0.18	1.43	0.49	47.7	4.6	18	15.80	2.9
M899135		2.68	<0.005	0.11	7.39	16.4	1840	1.05	0.16	1.31	0.23	51.2	4.4	13	17.45	2.4
M899136		4.97	0.030	0.16	6.74	57.6	2100	1.26	0.22	1.76	0.47	44.3	4.9	20	14.85	5.4
M899137		8.39	0.101	0.70	7.01	407	1700	1.49	0.70	2.22	9.34	57.7	6.4	15	18.45	13.4
M899138		5.47	0.067	0.80	7.01	337	1340	1.65	0.43	2.27	13.25	58.2	6.2	13	18.05	8.2
M899139		4.72	1.635	6.97	5.39	599	900	1.23	5.20	1.75	42.4	48.3	7.7	12	11.35	121.0
M899140		3.23	<0.005	0.04	0.07	<5	20	0.06	0.04	20.1	0.09	1.20	0.6	1	0.17	2.2
M899141		4.06	0.229	1.20	6.78	1010	1490	1.35	1.30	2.78	3.20	56.8	6.1	12	16.10	29.6
M899142		4.05	0.047	0.32	7.19	201	1320	1.48	0.24	2.46	0.16	54.4	6.7	12	25.3	6.1
M899143		8.09	0.171	0.36	6.96	870	2520	1.38	0.29	2.49	0.18	50.3	5.5	12	24.6	5.1
M899144		4.46	0.585	4.34	6.52	404	540	1.18	0.50	2.32	50.5	51.8	5.7	10	17.75	95.1
M899145		7.86	0.015	0.39	7.36	48.8	1850	1.48	0.56	2.16	2.56	54.9	5.6	12	18.45	7.6
M899146		4.56	0.028	0.15	6.86	97.2	2400	1.25	0.36	2.14	0.14	50.1	6.7	11	20.7	4.6
M899147		5.83	0.030	0.44	6.84	95.3	1360	1.29	0.34	2.45	1.27	47.7	6.3	13	24.7	5.7
M899148		<0.02	0.027	0.33	7.12	93.2	1360	1.40	0.28	2.46	0.94	51.9	6.5	18	25.7	5.0
M899149		8.71	3.22	6.82	6.69	309	530	1.22	5.76	1.84	6.82	53.4	5.4	12	17.95	130.0
M899150		4.97	0.047	0.69	7.20	112.0	1220	1.60	1.17	1.89	2.59	80.1	4.5	12	18.45	8.4
M899151		0.23	4.26	>100	5.11	7830	1010	0.95	56.8	1.84	209	34.2	9.1	16	11.45	1165
M899152		4.82	2.70	11.25	5.83	1130	440	1.84	13.80	2.38	12.80	49.3	5.6	10	16.55	556
M899153		6.50	0.248	2.83	7.06	138.5	1390	1.58	2.97	2.48	18.10	52.5	5.1	11	19.40	89.3
M899154		8.30	0.035	0.21	7.33	187.5	1540	1.33	0.49	2.34	0.17	52.2	9.1	13	20.1	3.6
M899155		4.58	1.700	15.95	5.79	1160	980	1.18	21.2	1.51	8.54	43.0	5.4	14	16.10	271
M899156		5.82	0.115	0.47	7.20	490	1320	1.30	0.59	2.52	1.77	59.2	5.0	13	19.60	7.5
M899157		7.83	0.102	0.36	6.86	513	1850	1.25	0.29	2.76	1.68	57.2	5.0	11	17.25	5.6
M899158		5.69	0.049	0.96	6.74	182.5	1620	1.36	0.96	3.09	6.26	50.9	6.4	11	17.15	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899123		3.67	14.45	0.06	1.8	0.197	2.37	28.0	48.1	0.65	1260	8.28	0.05	7.4	3.5	660
M899124		2.65	18.20	0.11	4.9	0.029	2.13	35.3	90.7	0.71	643	3.74	0.05	10.2	7.7	1180
M899125		4.95	15.10	0.07	1.7	0.207	2.41	30.7	89.2	0.69	1680	6.52	0.05	7.2	4.2	630
M899126		2.15	16.85	0.07	4.0	0.029	1.99	38.6	116.5	0.38	679	3.18	0.04	9.2	8.1	810
M899127		2.72	16.85	0.10	4.2	0.047	1.78	38.1	74.1	0.41	954	6.09	0.04	9.5	8.0	900
M899128		7.97	11.95	0.05	1.0	4.44	2.19	17.5	28.3	0.60	2920	14.05	0.08	5.1	12.6	430
M899129		5.72	11.15	<0.05	0.8	1.175	2.02	38.0	14.9	0.70	2170	3.73	0.03	3.7	3.7	360
M899130		0.48	0.23	0.06	<0.1	0.008	0.03	0.6	1.0	12.95	207	0.22	<0.01	0.1	1.7	140
M899131		3.20	16.20	0.12	1.3	0.067	2.46	26.3	41.6	0.55	671	3.29	0.68	8.1	2.6	630
M899132		3.06	15.70	0.06	1.2	0.066	2.81	22.4	30.4	0.61	583	3.33	1.33	8.0	2.6	580
M899133		4.07	13.90	0.05	1.0	0.147	2.11	33.2	48.5	0.78	1310	6.12	0.04	6.5	2.8	570
M899134		2.79	14.65	<0.05	1.2	0.038	1.92	24.4	97.4	0.53	688	2.18	0.06	7.2	2.2	570
M899135		2.72	15.20	0.06	1.2	0.036	1.94	26.2	83.2	0.50	644	1.80	0.07	7.5	2.1	580
M899136		2.59	13.95	0.06	1.2	0.050	2.18	24.0	69.4	0.65	795	2.40	0.06	6.9	2.3	520
M899137		3.18	14.15	0.06	1.2	0.240	3.03	32.1	24.1	0.80	1100	2.85	0.07	6.5	2.2	500
M899138		3.94	14.80	0.07	1.1	0.457	3.11	31.5	11.6	0.84	2130	2.80	0.04	7.0	2.6	530
M899139		6.07	12.55	0.07	0.8	0.670	2.40	25.6	12.2	0.67	1620	6.19	0.03	5.3	2.3	380
M899140		0.45	0.23	0.06	<0.1	0.007	0.03	0.6	0.9	12.35	212	0.12	<0.01	0.2	1.6	260
M899141		3.52	13.95	0.10	1.1	0.203	2.88	32.5	12.4	1.06	1830	2.70	0.04	6.3	2.2	510
M899142		3.09	15.45	0.09	1.1	0.055	2.87	27.5	14.9	0.89	963	2.41	0.05	7.8	2.6	560
M899143		2.89	14.85	0.09	1.0	0.057	2.86	26.4	18.3	0.87	1200	3.72	0.05	7.0	2.5	550
M899144		4.00	15.95	0.07	1.0	0.168	2.27	26.2	46.6	0.91	1340	2.57	0.03	7.1	2.5	470
M899145		3.03	18.00	0.09	1.1	0.128	2.08	27.2	187.0	0.82	851	2.24	0.05	7.8	2.9	570
M899146		3.10	17.20	0.11	1.0	0.073	2.39	24.0	63.6	0.81	891	2.05	0.06	7.8	2.4	520
M899147		2.77	17.15	0.10	1.0	0.091	2.68	22.8	24.2	0.84	1020	2.77	0.05	7.9	2.6	540
M899148		2.81	17.15	0.09	1.1	0.082	2.74	25.9	24.2	0.87	1020	3.23	0.05	7.9	2.7	530
M899149		4.49	17.30	0.12	1.0	0.274	2.39	27.1	38.6	0.76	1430	6.00	0.03	7.5	2.5	490
M899150		3.54	17.15	0.11	1.0	0.249	3.08	46.4	16.0	0.78	1360	20.7	0.04	7.0	2.3	540
M899151		7.83	13.25	0.14	1.1	4.58	2.13	15.7	29.4	0.60	2860	15.10	0.08	5.9	13.2	420
M899152		7.25	13.85	0.13	0.8	0.480	2.46	25.5	26.9	0.87	2240	12.80	0.04	5.9	2.3	400
M899153		4.38	16.85	0.08	0.9	0.327	3.05	27.5	21.2	0.84	1270	2.11	0.06	6.9	2.3	520
M899154		3.23	18.15	0.10	1.0	0.034	2.54	27.3	30.3	0.85	849	5.17	0.23	7.7	2.6	540
M899155		5.56	15.35	0.12	0.8	0.501	2.50	20.5	15.6	0.51	942	41.7	0.03	6.1	2.8	400
M899156		3.14	18.00	0.10	1.0	0.103	2.74	29.1	26.4	0.93	1940	13.20	0.05	8.0	2.3	570
M899157		2.67	17.05	0.10	1.0	0.057	2.76	29.4	16.0	1.01	2240	3.98	0.06	7.6	2.4	520
M899158		3.30	16.45	0.10	1.0	0.112	2.47	25.0	39.5	0.92	2190	3.83	0.07	7.4	2.3	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899123		95.7	119.0	<0.002	0.48	30.9	8.5	1	3.4	159.0	0.65	0.11	13.4	0.248	1.95	4.5
M899124		17.0	69.8	<0.002	0.06	20.1	5.7	1	1.5	305	0.72	<0.05	11.3	0.322	1.25	5.0
M899125		157.5	130.0	<0.002	0.28	16.50	9.5	1	2.9	87.8	0.61	<0.05	12.9	0.234	2.52	4.6
M899126		19.4	91.0	<0.002	0.02	31.4	5.2	<1	1.4	160.5	0.63	<0.05	12.2	0.272	1.19	5.5
M899127		37.0	79.1	0.003	0.07	41.2	5.7	1	1.3	444	0.61	<0.05	10.3	0.302	1.04	6.9
M899128		9150	130.0	<0.002	6.92	205	6.9	1	7.5	115.0	0.42	0.45	8.9	0.178	2.00	5.1
M899129		952	99.7	0.003	4.02	285	6.5	1	5.8	60.3	0.35	0.34	9.4	0.123	2.09	3.7
M899130		3.8	1.6	<0.002	0.02	0.67	0.2	<1	0.2	40.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899131		22.9	102.0	<0.002	0.34	13.55	10.6	<1	1.9	184.0	0.70	<0.05	13.4	0.268	1.32	2.8
M899132		48.1	113.0	0.002	0.25	8.09	10.0	1	2.0	230	0.68	<0.05	12.4	0.249	1.31	3.8
M899133		135.0	119.0	0.002	1.36	22.0	9.1	<1	2.4	165.5	0.58	0.11	14.2	0.211	1.85	7.6
M899134		20.7	76.3	<0.002	0.17	23.7	9.5	1	1.5	117.0	0.68	<0.05	13.6	0.244	1.08	2.7
M899135		15.9	86.5	<0.002	0.13	24.7	9.7	<1	1.6	119.0	0.69	<0.05	14.6	0.245	1.10	2.8
M899136		38.9	96.7	<0.002	0.34	22.2	8.5	1	1.4	172.0	0.60	<0.05	13.0	0.225	1.52	3.8
M899137		139.0	149.0	0.002	1.12	9.21	8.7	<1	1.8	110.5	0.59	0.13	15.3	0.216	2.45	4.9
M899138		185.0	167.0	<0.002	1.85	8.30	9.2	1	3.2	72.1	0.57	0.06	15.0	0.225	3.32	6.6
M899139		1160	154.5	<0.002	5.71	28.8	7.5	1	5.2	52.8	0.44	0.23	9.9	0.168	2.58	2.6
M899140		2.3	1.5	<0.002	0.01	0.10	0.2	1	0.2	35.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899141		188.5	171.0	<0.002	1.37	16.30	8.7	1	2.0	88.1	0.56	0.08	13.9	0.206	2.87	5.2
M899142		12.3	130.0	<0.002	0.43	7.11	10.7	1	1.7	95.0	0.64	<0.05	13.7	0.248	2.32	6.9
M899143		21.4	132.0	<0.002	0.65	10.05	9.6	1	1.5	109.5	0.61	0.07	13.6	0.236	2.73	6.4
M899144		2330	144.5	<0.002	2.10	21.6	9.2	1	2.7	109.5	0.55	0.06	11.3	0.200	2.06	4.7
M899145		115.0	101.0	<0.002	0.54	14.05	10.4	1	2.2	153.0	0.59	0.06	13.2	0.233	1.64	3.7
M899146		17.9	116.0	<0.002	0.59	14.30	10.1	1	1.9	114.5	0.58	0.06	12.2	0.226	1.79	3.1
M899147		39.6	120.0	<0.002	0.55	9.40	9.8	1	2.0	116.5	0.60	0.10	12.2	0.231	2.26	5.2
M899148		38.8	141.0	<0.002	0.55	9.35	10.4	1	2.0	118.0	0.60	0.06	13.2	0.233	2.22	5.4
M899149		257	142.0	<0.002	2.93	38.3	9.5	1	8.2	101.5	0.55	0.08	11.5	0.217	2.41	5.4
M899150		64.6	186.5	0.004	1.59	9.12	10.3	1	3.6	72.1	0.54	0.14	13.1	0.205	2.98	5.4
M899151		8750	133.0	<0.002	6.66	201	6.3	2	8.7	121.0	0.44	0.49	8.2	0.172	2.08	5.1
M899152		525	144.5	0.002	5.77	124.0	10.4	1	6.5	65.6	0.41	0.13	10.7	0.170	2.54	4.7
M899153		372	149.5	<0.002	1.81	8.27	10.0	2	2.6	118.0	0.54	0.05	13.7	0.220	2.40	4.8
M899154		15.6	146.5	<0.002	0.42	8.95	10.8	1	1.5	111.0	0.56	0.05	13.5	0.235	2.23	5.1
M899155		460	154.0	<0.002	5.06	116.0	7.8	1	9.7	58.9	0.46	0.16	9.3	0.180	2.78	4.6
M899156		66.6	143.5	0.003	0.90	11.05	10.7	1	2.3	143.0	0.61	0.07	12.2	0.234	2.51	4.8
M899157		52.9	161.0	<0.002	0.76	12.65	10.7	1	2.6	95.3	0.58	<0.05	12.5	0.221	2.58	5.1
M899158		242	128.5	<0.002	1.13	9.75	9.5	1	2.9	123.0	0.59	0.05	11.9	0.215	2.33	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899123		54	4.0	12.1	487	55.0		
M899124		56	7.1	12.1	293	175.0		
M899125		62	7.0	11.7	687	48.5		
M899126		47	5.4	11.9	330	144.5		
M899127		56	3.1	14.7	574	162.5		
M899128		51	4.2	8.7	>10000	28.0	115	1.640
M899129		46	3.5	9.1	4590	19.3		
M899130		3	0.1	0.8	27	<0.5		
M899131		75	3.5	16.7	80	29.8		
M899132		67	2.9	15.1	104	30.9		
M899133		58	4.4	14.3	345	25.2		
M899134		64	5.4	14.3	76	27.4		
M899135		62	5.8	14.2	57	27.6		
M899136		60	3.6	13.0	74	26.8		
M899137		58	2.2	13.0	727	27.3		
M899138		60	4.0	13.0	944	28.2		
M899139		48	4.3	9.0	2970	18.5		
M899140		2	0.1	0.8	16	<0.5		
M899141		57	5.3	13.1	264	26.4		
M899142		68	4.8	15.8	51	27.9		
M899143		63	6.3	13.9	51	24.3		
M899144		60	3.4	12.9	2950	28.2		
M899145		65	3.6	13.8	200	29.2		
M899146		63	3.2	14.7	45	28.6		
M899147		63	4.3	13.7	128	29.8		
M899148		63	4.2	14.5	106	29.7		
M899149		60	4.7	12.5	509	28.3		
M899150		60	3.4	13.1	244	28.9		
M899151		51	4.3	9.2	>10000	33.0	116	1.590
M899152		49	4.2	10.7	1020	22.6		
M899153		61	2.9	13.4	1280	22.5		
M899154		65	2.1	13.2	78	26.7		
M899155		52	6.0	10.5	623	22.6		
M899156		68	3.5	15.4	192	29.3		
M899157		64	4.8	15.4	160	28.2		
M899158		60	3.2	14.9	624	28.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-76

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151546

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151547

Project: Klaza-76

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

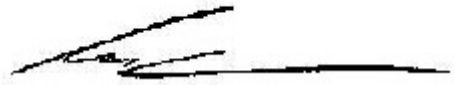
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151547

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899159		6.45	0.007	0.16	7.51	18.3	2100	1.73	0.26	2.87	0.17	50.4	5.0	9	12.80	8.5
M899160		10.25	0.061	0.32	6.39	101.5	1370	1.44	0.24	2.81	0.46	37.9	3.1	8	8.31	4.6
M899161		12.14	0.006	0.13	7.08	19.8	1550	1.56	0.23	3.40	0.08	47.6	4.2	7	10.10	7.5
M899162		9.00	0.017	0.44	7.02	60.8	1650	1.52	0.70	3.40	0.85	74.5	4.0	9	6.50	10.7
M899163		5.73	<0.005	0.17	6.53	30.2	1540	1.59	0.26	3.92	0.35	48.9	4.5	7	7.25	5.1
M899164		10.26	<0.005	0.15	7.60	11.0	1570	1.54	0.26	3.12	0.11	53.8	5.2	9	8.35	2.3
M899165		8.85	<0.005	0.13	8.04	9.8	1950	1.46	0.21	3.05	0.11	57.0	4.9	8	9.81	4.5
M899166		0.22	2.12	23.2	5.99	3310	950	1.29	17.50	2.25	81.2	42.4	10.5	19	14.35	432
M899167		4.32	0.010	0.49	7.00	40.3	1430	1.60	0.62	2.97	0.37	59.6	6.6	7	6.36	51.8
M899168		9.61	0.012	0.40	7.18	33.1	1770	1.55	0.53	2.96	0.84	55.6	5.9	8	8.27	9.7
M899169		4.39	0.036	3.45	7.79	114.5	660	1.69	1.86	3.09	41.4	62.1	9.4	8	7.92	21.5
M899170		11.48	0.015	0.23	7.41	23.2	1890	1.48	0.35	3.11	0.39	54.6	5.1	8	7.26	5.6
M899171		10.92	0.009	0.87	8.03	28.1	1770	1.81	0.92	3.20	3.11	60.7	5.1	8	8.89	22.7
M899172		6.31	<0.005	0.14	7.39	14.0	1470	1.67	0.41	3.16	0.13	46.3	7.0	9	8.39	2.7
M899173		4.88	0.007	0.23	8.44	14.9	2140	1.75	0.44	3.69	0.25	57.1	5.3	9	8.77	4.3
M899174		4.09	0.307	31.4	7.02	373	780	1.57	50.1	2.50	4.35	56.8	7.7	6	7.14	477
M899175		11.18	<0.005	0.16	7.52	9.1	2090	1.54	0.22	2.67	0.15	47.7	4.0	10	9.70	4.4
M899176		7.48	0.006	0.27	6.76	10.2	1490	1.54	0.39	3.13	1.01	52.7	5.0	8	7.56	5.3
M899177		4.41	0.005	0.22	6.88	10.2	1670	1.64	0.36	3.37	0.92	49.0	5.5	9	8.17	3.3
M899178		10.46	<0.005	0.22	7.48	22.2	1890	1.57	0.32	2.91	0.49	47.7	3.6	11	9.09	4.0
M899179		4.17	0.633	5.28	6.81	2050	580	1.37	5.02	2.00	15.45	48.9	3.7	7	10.75	252
M899180		1.62	<0.005	0.02	0.10	<5	20	0.07	0.02	22.3	0.10	1.26	1.1	1	0.22	1.8
M899181		6.24	0.055	0.73	7.12	91.4	1380	1.43	0.60	1.72	4.42	60.0	5.1	7	9.23	12.2
M899182		7.73	0.023	0.33	7.05	24.8	1320	1.77	0.59	2.88	1.42	47.5	4.3	9	10.95	9.3
M899183		<0.02	0.054	0.40	7.09	28.1	1290	1.71	0.70	2.77	1.52	49.1	4.0	7	10.60	8.5
M899184		7.28	0.011	0.30	7.07	17.6	1830	1.67	0.72	2.07	1.22	47.2	4.2	7	7.45	10.4
M899185		4.59	0.009	0.49	7.36	15.0	1300	1.56	0.86	3.06	1.08	45.1	13.5	8	8.73	3.9
M899186		5.04	0.022	0.19	7.09	10.3	1120	1.61	0.37	3.20	0.30	53.4	10.8	7	7.90	1.2
M899187		4.50	0.013	0.17	5.77	13.2	1310	1.48	0.25	3.48	0.09	33.6	7.4	7	7.29	0.5
M899188		4.67	0.008	0.11	6.84	7.7	1260	1.50	0.20	3.09	0.83	49.4	3.0	8	8.51	1.6
M899189		0.22	2.18	24.8	5.65	3350	260	1.32	19.90	2.11	76.8	40.7	11.5	17	14.50	430
M899190		4.21	0.031	0.27	6.86	17.3	1010	1.46	0.38	1.52	2.77	53.6	2.5	7	10.10	2.7
M899191		2.62	<0.005	0.02	0.07	<5	210	0.05	0.02	20.3	0.06	1.18	0.7	<1	0.17	1.6
M899192		12.70	0.012	0.73	7.36	18.4	1010	1.72	1.99	2.65	0.64	55.8	4.4	9	8.27	5.3
M899193		10.54	<0.005	0.22	7.18	9.5	1610	1.34	0.49	2.78	0.18	43.6	5.6	8	10.30	4.6
M899194		9.02	<0.005	0.16	8.01	9.4	2350	1.18	0.19	1.34	0.20	52.5	6.9	8	11.00	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899159		3.05	17.45	0.18	1.1	0.048	2.65	24.9	17.0	0.71	606	2.08	1.68	7.6	2.8	600
M899160		1.60	15.35	0.18	0.8	0.072	2.32	17.2	49.9	0.94	752	6.37	0.63	4.9	2.1	500
M899161		1.98	16.70	0.19	1.0	0.056	2.32	21.6	20.6	0.80	725	1.12	0.75	6.4	2.2	580
M899162		2.12	16.70	0.21	1.1	0.189	2.56	42.0	18.7	0.89	1000	3.88	0.38	5.6	2.2	540
M899163		2.14	17.30	0.19	1.1	0.097	2.42	21.6	13.9	0.89	1080	0.96	0.71	6.4	2.6	560
M899164		2.66	17.25	0.20	1.2	0.061	2.10	25.5	13.5	0.91	635	1.32	1.96	8.1	2.8	620
M899165		2.80	18.25	0.22	1.3	0.051	2.43	28.1	12.7	0.86	603	1.81	1.97	8.0	2.7	620
M899166		6.66	14.75	0.21	1.0	1.750	2.65	21.3	24.1	0.94	1880	12.80	0.05	5.8	15.6	440
M899167		2.93	17.85	0.18	0.9	0.284	2.27	29.6	19.5	0.75	1240	1.76	0.57	5.8	2.7	550
M899168		2.88	16.70	0.20	1.0	0.155	2.54	26.9	9.9	0.82	1400	1.86	1.23	6.6	2.4	550
M899169		4.75	18.60	0.24	1.1	0.615	3.00	31.5	7.4	0.76	1510	2.62	0.73	6.4	3.4	580
M899170		2.67	16.95	0.21	1.1	0.074	2.47	25.2	9.9	0.78	718	1.38	1.70	7.3	2.7	590
M899171		2.98	18.85	0.24	1.0	0.107	2.30	31.6	9.5	0.91	1040	1.05	2.12	7.7	3.0	630
M899172		2.80	18.05	0.20	1.0	0.102	1.90	20.4	10.5	0.84	834	0.73	2.48	7.1	3.1	640
M899173		2.86	20.3	0.22	1.0	0.080	2.64	25.4	10.4	0.91	955	0.86	2.59	8.3	2.8	700
M899174		5.32	17.10	0.23	0.8	0.378	3.00	27.3	17.8	1.06	1650	2.38	0.21	5.4	3.2	670
M899175		2.66	17.35	0.20	1.0	0.042	2.65	22.2	14.5	0.77	626	0.88	2.26	7.4	2.7	610
M899176		1.87	17.75	0.19	1.0	0.058	2.67	25.7	13.8	0.77	808	0.61	1.14	6.0	2.9	590
M899177		1.84	19.10	0.19	1.0	0.054	2.71	23.3	14.0	0.73	788	0.79	1.39	6.5	2.8	600
M899178		2.62	18.40	0.21	1.1	0.056	2.78	22.2	11.7	0.80	783	0.90	1.85	7.7	2.7	640
M899179		3.85	16.75	0.21	0.8	0.398	3.21	25.2	12.4	0.91	1780	10.45	0.05	5.2	2.6	500
M899180		0.49	0.33	0.24	<0.1	0.005	0.03	0.6	1.4	13.75	217	0.15	0.01	0.4	2.5	180
M899181		2.55	17.40	0.13	1.2	0.321	3.20	33.6	18.7	0.71	894	1.45	0.08	6.3	3.1	570
M899182		2.30	17.60	0.16	1.1	0.150	2.10	22.2	19.4	0.65	705	1.66	0.67	6.9	2.3	560
M899183		2.33	16.80	0.16	1.1	0.154	2.06	23.6	18.1	0.67	689	1.47	0.70	7.1	1.7	610
M899184		2.34	16.95	0.17	1.0	0.221	2.45	20.8	15.3	0.75	953	0.34	0.13	5.2	1.2	530
M899185		2.57	18.40	0.20	1.2	0.157	2.11	18.6	11.7	0.60	890	0.34	1.22	6.8	2.8	590
M899186		2.12	15.90	0.18	1.2	0.078	1.87	27.3	8.4	0.65	721	0.93	1.77	6.1	2.6	550
M899187		1.82	15.75	0.18	1.1	0.064	2.18	15.3	8.8	0.56	776	0.33	1.20	5.7	2.0	500
M899188		2.22	15.50	0.20	1.2	0.050	1.99	25.4	10.5	0.60	744	0.59	1.56	6.8	1.8	530
M899189		6.42	14.20	0.16	1.0	1.610	2.48	21.9	22.7	0.85	1780	13.30	0.04	5.5	15.5	420
M899190		2.52	16.25	0.17	1.1	0.076	1.84	27.6	28.0	0.56	827	0.87	0.63	6.9	1.7	550
M899191		0.47	0.20	0.17	<0.1	<0.005	0.02	0.6	1.0	12.00	201	0.10	<0.01	0.2	1.4	160
M899192		3.02	17.70	0.27	1.1	0.135	1.92	27.4	13.9	0.76	775	0.78	1.41	7.2	1.8	570
M899193		2.47	16.30	0.22	1.0	0.055	2.21	21.1	12.2	0.60	675	0.65	1.81	6.7	2.1	580
M899194		2.95	17.85	0.19	1.1	0.041	2.89	27.6	28.5	0.47	627	1.07	0.80	8.1	2.3	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899159		17.4	106.0	<0.002	0.19	7.69	10.5	1	2.5	302	0.58	<0.05	12.3	0.255	1.26	4.5
M899160		26.1	111.0	0.005	0.32	12.15	8.2	1	2.9	120.5	0.40	0.07	9.6	0.165	1.60	3.8
M899161		9.0	88.1	<0.002	0.32	9.74	10.0	1	3.1	151.0	0.50	<0.05	12.1	0.215	1.49	5.0
M899162		43.9	123.5	<0.002	0.63	6.82	9.5	1	3.4	116.5	0.47	0.11	12.2	0.193	1.74	5.1
M899163		22.8	84.8	<0.002	0.46	7.75	9.9	1	2.8	154.5	0.51	0.05	10.1	0.210	1.65	5.2
M899164		15.3	77.5	<0.002	0.23	4.44	11.2	1	2.5	337	0.64	0.06	12.7	0.267	1.01	4.3
M899165		15.7	99.1	<0.002	0.15	6.11	10.7	1	2.2	336	0.65	<0.05	14.4	0.262	1.13	5.7
M899166		2780	156.0	0.002	4.86	95.9	7.8	2	8.6	87.1	0.46	0.39	9.8	0.181	2.31	5.0
M899167		25.7	107.0	<0.002	0.76	6.99	10.8	1	2.9	133.5	0.48	0.08	12.5	0.192	1.54	4.5
M899168		90.1	120.0	<0.002	0.60	7.89	10.1	1	3.6	242	0.53	0.06	12.7	0.222	1.57	5.0
M899169		1110	143.0	0.007	2.54	11.20	10.6	2	9.7	129.5	0.53	0.08	13.2	0.213	2.26	5.7
M899170		22.6	106.0	<0.002	0.25	5.71	10.5	1	2.8	284	0.59	0.05	12.0	0.237	1.22	4.4
M899171		186.0	99.6	<0.002	0.52	6.32	11.7	1	3.9	328	0.59	0.05	12.9	0.263	1.26	5.3
M899172		8.9	71.0	<0.002	0.77	5.59	10.9	1	3.2	282	0.53	0.08	10.3	0.246	1.07	4.1
M899173		18.2	98.1	<0.002	0.30	5.73	12.0	1	3.0	396	0.63	0.06	12.6	0.289	1.29	4.5
M899174		500	171.0	0.002	3.31	40.8	9.9	1	5.5	82.4	0.42	0.26	10.5	0.199	2.27	5.9
M899175		14.1	89.4	<0.002	0.10	3.56	10.3	1	1.8	382	0.60	<0.05	11.1	0.258	1.05	4.1
M899176		36.6	100.0	<0.002	0.21	5.66	9.9	1	2.0	179.0	0.51	<0.05	11.1	0.202	1.54	4.3
M899177		30.1	95.7	<0.002	0.22	4.57	10.9	1	2.0	225	0.51	<0.05	11.5	0.217	1.55	4.5
M899178		31.4	109.0	<0.002	0.24	4.78	11.5	1	2.0	315	0.59	<0.05	12.3	0.265	1.47	4.6
M899179		319	187.5	<0.002	3.17	57.7	9.1	1	6.2	43.9	0.41	0.12	10.8	0.179	2.99	4.6
M899180		1.7	1.7	<0.002	0.02	0.43	0.2	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M899181		149.5	191.5	<0.002	1.35	9.71	9.8	<1	3.8	67.9	0.60	<0.05	15.4	0.204	2.88	4.9
M899182		33.7	91.3	<0.002	0.37	7.73	10.5	1	3.1	148.5	0.59	<0.05	13.4	0.222	1.69	4.5
M899183		44.6	96.1	0.003	0.38	7.79	11.0	<1	2.9	151.5	0.62	<0.05	14.1	0.236	1.67	4.9
M899184		25.2	128.0	<0.002	0.47	12.30	9.9	<1	2.6	69.9	0.49	0.06	16.2	0.172	1.80	3.1
M899185		49.4	87.8	<0.002	0.92	5.78	10.9	<1	2.4	171.0	0.61	0.17	14.3	0.205	1.66	4.3
M899186		18.9	91.2	<0.002	0.58	3.05	9.5	1	2.3	215	0.55	0.09	15.7	0.190	1.44	5.6
M899187		13.4	86.7	<0.002	0.36	3.72	8.5	1	2.4	159.5	0.50	0.08	10.3	0.174	1.65	4.2
M899188		20.4	95.7	<0.002	0.14	4.05	9.5	1	1.5	244	0.67	0.06	14.8	0.209	1.49	5.0
M899189		2750	163.5	0.002	4.61	86.1	8.0	1	7.7	88.2	0.44	0.38	11.1	0.169	2.41	5.3
M899190		55.0	98.5	0.002	0.21	12.15	9.9	1	1.9	114.0	0.59	0.05	15.4	0.207	1.38	4.0
M899191		1.3	1.2	<0.002	0.02	0.22	0.2	<1	0.2	43.6	<0.05	0.05	<0.2	<0.005	<0.02	0.4
M899192		44.0	96.7	<0.002	0.50	3.66	11.0	1	2.2	242	0.57	0.14	15.5	0.223	1.54	4.8
M899193		19.0	79.8	<0.002	0.26	5.45	9.7	1	2.3	272	0.55	0.05	11.4	0.236	1.29	3.3
M899194		23.1	112.0	<0.002	0.09	11.85	11.1	1	1.8	174.5	0.66	<0.05	14.1	0.281	1.22	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151547

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899159		70	1.8	15.5	57	30.1
M899160		59	1.4	10.6	73	21.6
M899161		65	1.2	12.2	53	27.8
M899162		65	1.8	11.6	106	26.7
M899163		67	1.4	12.9	69	28.9
M899164		75	1.7	14.6	51	31.6
M899165		73	2.1	15.1	49	34.7
M899166		55	5.0	9.0	5340	26.5
M899167		72	1.9	12.2	87	23.4
M899168		68	1.9	13.5	156	26.7
M899169		69	2.2	11.9	3580	29.8
M899170		67	1.3	14.6	67	29.7
M899171		74	1.4	16.2	320	26.8
M899172		76	1.7	14.3	58	26.7
M899173		86	1.0	17.4	75	28.6
M899174		69	2.9	11.9	447	22.5
M899175		70	1.2	14.5	50	26.4
M899176		65	1.4	11.2	114	26.9
M899177		68	1.3	12.8	107	27.7
M899178		77	1.3	14.2	89	30.2
M899179		63	2.5	10.6	1100	22.2
M899180		3	0.1	0.8	20	<0.5
M899181		65	1.9	9.8	352	26.2
M899182		73	1.2	15.0	177	28.8
M899183		72	1.3	15.5	184	28.2
M899184		64	1.2	13.8	139	22.7
M899185		71	1.2	16.4	137	27.7
M899186		64	0.9	14.3	70	28.2
M899187		64	1.0	9.4	48	27.3
M899188		62	1.0	13.6	104	30.2
M899189		53	4.9	9.6	5190	25.4
M899190		62	2.2	14.5	230	28.9
M899191		2	0.1	0.8	18	<0.5
M899192		63	1.8	16.3	99	29.2
M899193		69	1.5	12.9	60	23.8
M899194		72	6.0	18.0	51	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-76

Finalized Date: 22-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12151547

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12151548

Project: Klaza-76

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

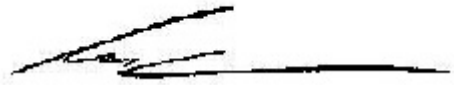
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151548

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899195		9.95	<0.005	0.14	7.61	10.4	2050	1.58	0.15	2.31	0.22	48.6	7.3	10	10.60	2.4
M899196		7.88	0.083	4.50	8.03	1855	1310	1.43	10.30	1.36	6.51	58.4	7.5	9	15.70	65.8
M899197		0.21	4.20	>100	5.53	8230	160	1.21	59.0	1.87	219	32.5	10.4	17	11.25	1290
M899198		5.33	0.771	86.4	5.16	7710	120	1.13	241	1.25	57.0	43.0	4.5	6	9.80	961
M899199		2.84	0.413	41.5	5.38	4080	320	1.14	101.5	0.87	24.6	40.5	4.5	7	10.05	775
M899200		7.78	0.010	0.70	7.65	93.1	1030	1.51	1.26	1.39	1.82	53.4	5.5	8	13.75	9.5
M899201		4.27	0.052	6.04	7.26	78.2	1080	1.56	9.95	2.08	5.36	52.2	5.1	10	16.95	70.4
M899202		6.15	0.053	34.2	7.49	284	1280	1.66	59.6	2.54	14.00	52.8	5.5	10	15.85	490
M899203		8.68	<0.005	5.09	7.94	29.8	1510	1.71	7.95	2.55	3.90	59.0	6.0	9	12.60	113.0
M899204		4.85	0.012	1.20	6.93	29.9	1530	1.56	1.92	2.94	2.18	55.2	5.2	9	8.69	16.5
M899205		8.59	0.006	0.28	7.24	12.9	1800	1.69	0.32	2.79	0.41	38.3	3.3	8	10.55	3.9
M899206		6.10	0.102	7.30	7.23	215	610	1.41	11.45	2.38	0.68	57.5	31.0	7	7.59	20.2
M899207		1.56	<0.005	0.10	0.09	<5	20	0.07	0.07	20.2	0.07	1.30	0.7	1	0.33	1.4
M899208		5.09	0.006	0.36	7.49	11.6	610	1.51	0.77	3.58	0.23	41.0	12.2	8	12.00	4.8
M899209		8.53	<0.005	0.18	7.98	5.2	790	1.41	0.36	3.09	0.12	54.9	6.3	8	9.62	5.0
M899210		4.36	<0.005	0.20	7.30	6.0	830	1.31	0.30	4.37	0.17	52.6	7.5	8	11.95	13.4
M899211		10.93	<0.005	0.15	8.14	8.3	2020	1.65	0.31	2.20	0.12	54.0	5.5	10	7.71	1.3
M899212		9.93	<0.005	0.13	7.57	7.8	1800	1.63	0.32	2.37	0.16	52.6	5.9	9	6.02	1.4
M899213		10.80	<0.005	0.12	8.15	6.5	2320	1.56	0.17	2.43	0.13	53.1	6.0	12	8.01	2.1
M899214		<0.02	<0.005	0.12	8.24	6.8	2350	1.68	0.17	2.44	0.12	58.7	6.4	10	8.15	1.9
M899215		11.39	0.007	0.28	7.33	19.0	1910	1.61	0.49	2.75	0.27	54.7	8.2	9	9.02	7.3
M899216		5.90	0.018	0.60	7.45	31.1	3280	1.42	0.61	5.98	0.18	55.5	9.7	6	18.60	82.6
M899217		6.05	<0.005	0.10	7.72	4.5	2010	1.63	0.15	2.69	0.12	51.9	6.1	10	6.90	2.3
M899218		4.06	0.022	0.65	7.32	32.6	1530	1.51	0.95	2.61	0.36	51.1	5.8	8	8.18	9.9
M899219		10.82	<0.005	0.14	7.97	5.6	2220	1.55	0.19	2.38	0.15	57.1	6.4	9	12.95	1.8
M899220		7.99	<0.005	0.10	7.18	6.6	2220	1.57	0.18	2.69	0.17	42.8	5.7	9	9.74	2.8
M899221		7.83	<0.005	0.08	7.99	5.9	2230	1.48	0.11	3.01	0.17	55.4	7.1	11	9.43	2.5
M899222		4.87	<0.005	0.07	7.53	7.7	2180	1.64	0.11	2.55	0.13	55.2	5.6	10	10.35	2.7
M899223		0.25	0.832	10.10	6.93	1850	520	1.56	6.15	1.86	42.9	45.9	19.2	20	16.40	108.0
M899224		12.91	0.021	0.33	7.86	34.6	2210	1.57	0.18	2.34	1.81	51.4	7.2	11	9.57	4.6
M899225		10.53	<0.005	0.29	7.66	12.0	2230	1.46	0.50	2.94	0.36	45.1	9.3	8	9.54	6.6
M899226		10.49	<0.005	0.18	7.88	9.4	2220	1.40	0.25	2.47	1.45	47.2	6.0	11	8.61	5.1
M899227		4.92	<0.005	0.18	7.81	4.3	2260	1.47	0.39	2.39	0.19	44.6	5.9	10	8.33	3.4
M899228		4.55	0.301	1.49	7.34	2040	220	1.49	3.00	1.65	1.04	46.4	14.3	9	8.53	11.2
M899229		6.35	<0.005	0.20	7.23	19.2	1820	1.43	0.47	4.16	0.40	52.5	7.4	9	11.55	11.4
M899230		1.99	<0.005	<0.01	0.09	<5	20	0.06	<0.01	20.8	0.06	1.47	2.1	1	0.29	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899195		2.80	16.45	0.19	1.0	0.049	2.48	24.9	20.7	0.70	587	0.79	2.14	8.1	2.9	620
M899196		3.52	17.15	0.20	1.0	0.246	2.61	31.3	64.5	0.57	1080	1.44	0.10	8.1	3.1	640
M899197		7.75	13.00	0.23	1.1	4.43	2.22	16.2	30.3	0.60	3020	14.85	0.08	5.9	13.9	450
M899198		6.99	12.40	0.20	0.6	1.680	2.13	21.2	36.2	0.62	1930	25.3	0.03	4.8	2.4	360
M899199		6.04	12.70	0.17	0.6	0.879	2.19	20.3	34.1	0.50	1700	28.3	0.03	4.9	2.3	360
M899200		3.89	17.10	0.16	0.9	0.143	2.33	26.1	48.8	0.65	1440	1.33	0.06	7.4	2.4	590
M899201		4.05	16.75	0.19	0.9	0.211	2.30	27.2	37.6	0.85	1320	0.95	0.18	7.3	2.3	530
M899202		4.19	16.95	0.21	1.0	0.571	2.27	27.6	46.9	0.82	979	0.78	0.72	7.8	2.2	560
M899203		3.87	17.25	0.22	1.0	0.197	2.39	31.8	39.9	0.84	938	0.64	1.45	7.9	2.2	590
M899204		3.41	16.00	0.20	0.9	0.181	2.55	28.4	34.4	0.65	1260	0.53	0.38	7.0	2.4	520
M899205		2.04	17.80	0.11	1.1	0.054	2.28	17.4	40.5	0.85	773	0.59	0.60	7.7	2.3	580
M899206		4.21	17.40	0.14	0.8	0.235	2.71	24.1	27.9	0.70	1200	32.5	0.06	6.1	3.8	620
M899207		0.44	0.25	0.07	<0.1	0.005	0.03	0.6	1.3	12.25	211	0.18	0.01	0.2	1.7	200
M899208		1.81	17.55	0.14	0.9	0.094	1.93	15.8	17.6	0.51	701	0.72	0.99	7.8	2.7	620
M899209		2.49	16.95	0.25	1.1	0.054	1.16	25.9	15.6	0.97	777	0.73	2.12	8.3	2.1	620
M899210		1.62	16.80	0.29	0.9	0.096	1.46	24.3	14.0	0.83	838	0.48	1.45	7.2	1.7	510
M899211		2.64	17.85	0.24	1.1	0.034	2.22	28.2	19.0	0.95	587	1.21	2.86	8.5	2.5	610
M899212		2.45	17.45	0.22	1.1	0.032	1.95	25.7	17.0	0.82	523	1.00	2.63	8.4	2.3	580
M899213		2.73	17.20	0.22	1.1	0.031	2.58	27.2	16.9	0.86	506	1.53	2.48	8.2	2.5	620
M899214		2.82	17.40	0.22	1.0	0.031	2.60	30.1	17.3	0.87	513	1.58	2.54	8.4	2.7	630
M899215		3.04	17.10	0.21	1.0	0.051	2.49	28.0	11.1	0.77	761	2.23	1.74	8.0	2.3	550
M899216		3.03	15.90	0.24	0.8	0.089	2.43	30.6	18.1	0.81	1410	1.02	0.65	7.3	1.7	540
M899217		2.67	17.45	0.24	1.0	0.038	2.26	25.8	11.4	0.76	578	2.10	2.50	8.4	2.4	590
M899218		2.75	16.30	0.19	0.9	0.111	2.54	27.6	10.5	0.72	922	2.21	1.02	7.3	2.3	540
M899219		2.68	17.50	0.19	1.0	0.042	2.55	29.6	17.4	0.61	547	3.46	1.77	8.7	2.3	590
M899220		2.36	16.60	0.19	1.0	0.042	2.52	20.2	13.0	0.36	561	1.56	1.85	7.8	2.2	570
M899221		2.72	17.15	0.21	0.9	0.034	2.55	29.6	13.2	0.74	678	1.69	2.35	8.0	2.3	590
M899222		2.84	16.95	0.23	1.0	0.036	2.47	28.6	17.1	0.82	640	1.24	2.34	8.3	2.5	560
M899223		5.21	15.55	0.21	1.4	0.891	2.79	23.4	24.6	0.68	1970	12.60	0.26	7.8	15.5	500
M899224		2.79	17.65	0.22	1.0	0.042	2.51	27.2	18.2	0.80	633	1.35	2.40	8.6	2.8	610
M899225		2.78	17.05	0.20	0.9	0.094	2.61	23.2	20.2	0.79	984	1.45	1.48	7.7	2.4	590
M899226		2.85	16.75	0.18	1.0	0.060	2.67	24.5	15.0	0.78	727	1.37	2.10	7.8	2.4	590
M899227		2.83	16.80	0.21	0.8	0.031	2.44	23.4	14.3	0.73	575	2.04	2.24	7.5	2.4	590
M899228		5.73	16.40	0.21	0.7	0.168	2.90	23.9	15.2	0.54	890	1.42	0.67	6.7	2.6	520
M899229		2.52	16.35	0.20	1.0	0.076	2.79	26.9	17.8	0.54	761	2.62	1.12	7.9	2.1	540
M899230		0.46	0.71	0.34	<0.1	<0.005	0.03	0.7	1.2	12.55	224	0.07	0.01	0.5	0.5	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899195		20.0	87.0	0.002	0.08	4.86	11.5	1	1.8	377	0.57	<0.05	11.7	0.250	1.03	3.7
M899196		139.5	115.0	<0.002	0.51	42.6	11.8	1	2.4	87.7	0.58	0.05	12.7	0.255	1.93	5.0
M899197		9160	125.0	0.003	6.98	213	7.5	4	8.7	118.0	0.44	0.50	8.7	0.181	2.23	5.2
M899198		1665	107.0	0.002	4.53	341	7.1	1	6.9	27.5	0.34	0.11	7.9	0.147	2.30	6.0
M899199		746	113.0	0.003	3.62	312	7.3	1	7.8	23.3	0.35	0.09	8.3	0.157	2.34	6.1
M899200		56.0	116.5	0.002	0.52	18.40	11.5	1	3.6	49.3	0.54	<0.05	12.2	0.226	2.14	4.6
M899201		159.0	109.0	<0.002	0.44	18.70	11.0	1	3.6	82.2	0.55	<0.05	12.9	0.218	2.02	4.2
M899202		527	95.2	<0.002	0.47	13.80	11.2	2	3.9	190.0	0.60	0.05	13.3	0.233	1.68	4.2
M899203		118.5	100.0	<0.002	0.16	4.80	11.8	1	3.0	296	0.58	<0.05	13.8	0.242	1.49	4.1
M899204		75.9	119.5	<0.002	0.80	5.79	10.4	1	3.3	126.5	0.52	0.18	12.3	0.211	2.16	4.6
M899205		17.9	92.0	<0.002	0.16	4.90	10.6	<1	2.2	157.5	0.62	<0.05	10.3	0.244	1.73	3.7
M899206		78.2	187.5	0.027	2.65	7.68	9.9	1	5.4	97.9	0.45	1.31	11.4	0.190	2.69	3.8
M899207		1.4	1.9	0.004	0.02	0.09	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M899208		18.3	104.0	<0.002	0.47	3.29	10.3	1	3.1	216	0.58	0.09	11.3	0.248	1.94	3.4
M899209		13.0	54.2	<0.002	0.14	4.48	12.8	1	2.0	340	0.66	0.05	12.6	0.257	0.85	3.4
M899210		12.7	72.7	<0.002	0.18	3.38	10.6	1	2.2	314	0.57	0.06	11.9	0.206	1.19	3.4
M899211		16.9	72.5	<0.002	0.05	2.98	12.2	1	1.4	554	0.69	<0.05	13.5	0.256	0.77	4.0
M899212		20.6	65.7	<0.002	0.05	2.82	12.3	1	2.0	505	0.70	<0.05	14.1	0.246	0.70	4.1
M899213		16.3	83.9	<0.002	0.04	2.34	11.5	1	1.6	545	0.66	<0.05	13.7	0.254	0.80	4.2
M899214		16.1	85.4	<0.002	0.04	2.37	11.7	1	1.7	553	0.67	<0.05	14.1	0.260	0.78	4.4
M899215		22.5	93.3	<0.002	0.27	2.72	11.5	1	1.6	369	0.62	0.09	13.0	0.231	1.16	4.1
M899216		25.6	112.0	<0.002	0.55	4.86	10.6	2	1.8	398	0.54	0.09	12.0	0.218	1.49	4.7
M899217		15.5	73.1	<0.002	0.05	2.51	11.8	2	1.5	474	0.66	<0.05	13.2	0.248	0.80	4.2
M899218		36.6	118.0	<0.002	0.49	3.84	10.5	1	2.7	281	0.59	0.10	12.6	0.225	1.53	3.8
M899219		17.4	97.2	<0.002	0.06	6.60	11.9	2	1.3	422	0.66	<0.05	13.2	0.248	0.92	3.8
M899220		19.0	84.6	<0.002	0.08	6.21	10.6	1	1.5	429	0.62	<0.05	11.6	0.239	1.00	3.5
M899221		17.0	88.9	<0.002	0.05	2.92	11.4	1	1.4	527	0.63	<0.05	13.0	0.249	0.79	4.0
M899222		16.0	84.7	<0.002	0.02	2.66	11.4	2	1.3	470	0.64	<0.05	12.5	0.243	0.81	4.1
M899223		1320	153.5	0.002	3.10	36.5	9.5	2	6.3	153.0	0.61	0.43	11.5	0.207	2.54	5.0
M899224		36.3	104.5	<0.002	0.12	5.01	12.4	1	1.6	449	0.61	<0.05	12.2	0.256	0.89	3.8
M899225		27.0	105.0	<0.002	0.22	6.94	11.5	1	2.2	395	0.56	0.06	11.1	0.243	1.29	3.8
M899226		23.4	100.0	<0.002	0.15	3.06	11.2	1	1.7	465	0.58	0.05	10.6	0.251	1.04	3.5
M899227		19.9	90.1	<0.002	0.05	3.53	10.9	1	1.2	470	0.51	0.06	11.1	0.239	1.00	3.0
M899228		57.4	155.0	<0.002	3.86	10.15	10.6	1	5.9	171.5	0.45	0.43	11.6	0.217	2.04	3.8
M899229		25.4	119.5	0.002	0.30	4.71	10.7	1	2.1	352	0.59	0.09	15.0	0.227	1.52	4.2
M899230		1.2	2.1	<0.002	<0.01	0.05	0.4	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899195		71	1.3	16.4	54	29.2		
M899196		75	5.0	15.5	555	29.2		
M899197		52	4.5	8.7	>10000	34.9	117	1.635
M899198		48	7.5	8.0	4250	17.4		
M899199		50	8.1	7.5	1940	18.4		
M899200		76	3.1	13.4	192	27.0		
M899201		65	4.2	14.1	491	26.5		
M899202		66	4.1	14.2	1100	26.4		
M899203		68	3.1	15.4	367	29.4		
M899204		61	2.3	12.9	180	25.5		
M899205		69	1.8	11.7	77	24.7		
M899206		71	2.5	12.3	108	19.2		
M899207		<1	0.1	0.8	18	<0.5		
M899208		74	1.2	13.0	51	21.9		
M899209		75	2.5	16.4	72	30.0		
M899210		63	1.0	17.9	53	27.8		
M899211		71	0.8	16.7	56	30.7		
M899212		69	0.9	16.5	51	29.4		
M899213		71	0.8	16.2	42	29.5		
M899214		72	0.8	16.3	44	28.0		
M899215		64	1.4	16.5	60	30.6		
M899216		61	4.1	18.3	59	24.8		
M899217		71	1.5	16.4	44	29.3		
M899218		62	2.2	14.2	72	25.2		
M899219		69	3.0	17.4	57	29.6		
M899220		65	2.0	13.8	43	28.2		
M899221		67	1.2	17.0	44	27.9		
M899222		67	1.0	17.1	44	27.8		
M899223		57	5.0	11.0	3050	44.1		
M899224		69	1.3	17.7	142	28.9		
M899225		68	1.9	15.1	84	25.8		
M899226		70	1.6	15.4	167	28.7		
M899227		67	1.9	14.8	56	24.8		
M899228		63	4.6	10.6	129	22.4		
M899229		64	1.9	16.4	73	30.7		
M899230		1	0.1	0.9	17	<0.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-76

CERTIFICATE OF ANALYSIS WH12151548

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12152424

Project: Klaza TR-12-1

P.O. No.: Batch 1

This report is for 33 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

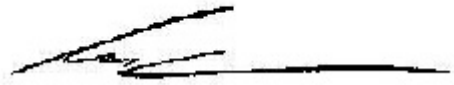
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12152424

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895001		2.66	0.142	2.68	8.71	289	2090	1.65	2.38	0.29	4.43	96.5	27.9	14	17.25	95.0
M895002		3.35	0.273	2.94	8.71	338	2190	1.58	2.09	0.40	6.62	91.3	12.7	14	17.20	69.7
M895003		2.88	0.436	8.93	7.53	1430	2620	1.74	6.04	0.21	10.25	74.4	5.0	14	20.7	201
M895004		2.89	0.531	2.01	8.72	2970	1940	1.88	0.80	0.28	25.3	72.0	12.7	14	19.10	157.0
M895005		3.84	0.130	2.18	9.06	697	3310	1.88	0.53	0.41	1.12	67.5	8.4	13	17.15	52.0
M895006		3.00	0.042	1.51	8.33	418	2150	1.90	1.42	0.50	7.73	65.9	8.8	11	34.0	91.7
M895007		2.79	1.465	43.3	7.49	2070	5350	1.80	0.39	1.26	226	48.5	6.8	14	22.5	395
M895008		2.92	0.010	0.31	9.52	31.4	2290	1.89	0.23	0.42	1.12	61.7	8.1	14	23.0	15.0
M895009		2.32	0.015	1.34	8.89	56.5	2020	1.91	1.29	0.56	1.84	65.6	10.4	14	27.3	75.6
M895010		2.13	<0.005	0.17	9.23	13.1	2410	1.56	0.18	0.57	0.38	61.4	7.5	11	15.80	13.5
M895011		2.12	0.049	1.12	7.96	93.2	1720	1.72	2.05	1.56	1.68	45.6	9.9	13	26.8	28.5
M895012		2.61	<0.005	0.18	8.53	16.1	2240	1.46	0.24	1.59	0.25	44.3	7.0	12	11.85	13.0
M895013		2.20	<0.005	0.13	7.90	10.4	1990	1.84	0.16	1.25	0.23	56.9	8.3	10	12.85	16.2
M895014		2.34	<0.005	0.53	6.72	44.1	1790	1.72	0.60	2.96	1.09	43.4	9.0	10	20.0	20.8
M895015		2.44	<0.005	0.15	8.19	9.1	2190	1.75	0.15	1.25	0.18	63.2	10.8	13	12.15	16.1
M895016		2.38	<0.005	0.17	8.04	11.7	2160	1.75	0.15	1.48	0.36	68.3	8.0	15	15.65	17.3
M895017		3.32	<0.005	0.21	8.48	14.7	2140	1.54	0.23	1.26	0.41	62.1	6.8	10	17.80	15.3
M895018		2.74	0.006	0.35	7.82	16.3	2280	1.82	0.66	1.41	0.55	60.6	7.7	11	10.30	35.7
N895019		0.29	2.16	24.1	5.87	3410	1470	1.35	16.20	2.18	76.5	41.9	10.0	16	13.65	420
M895020		2.38	0.014	0.32	7.86	33.8	2130	1.71	0.23	1.08	1.57	85.0	9.8	9	14.90	17.2
M895021		2.26	0.016	0.18	7.64	25.9	2200	1.63	0.35	1.47	0.79	56.1	7.5	13	9.29	22.4
M895022		2.83	<0.005	0.12	7.81	16.8	2050	1.68	0.19	1.67	0.97	58.3	8.6	9	11.05	11.6
M895023		2.68	0.013	0.34	8.17	37.8	2460	1.85	0.27	0.87	4.11	57.0	10.2	8	22.8	12.1
M895024		2.61	0.011	0.30	8.34	33.1	2090	1.79	0.39	0.97	1.77	62.8	8.0	9	22.7	11.8
M895025		1.52	0.018	0.81	8.48	58.6	2240	1.72	0.84	0.60	7.22	61.5	11.9	10	19.75	25.6
M895026		1.87	0.019	2.62	8.53	124.5	2460	1.84	3.08	0.20	11.95	71.2	11.4	11	14.15	42.6
M895027		2.78	0.163	4.51	6.16	500	810	1.51	4.43	0.21	0.50	73.5	0.8	6	83.4	13.1
N895028		3.67	<0.005	0.02	0.09	<5	20	0.06	0.03	21.3	0.08	1.33	1.4	<1	0.27	1.9
M895029		2.43	0.012	2.93	8.34	80.5	1430	1.81	4.26	0.13	1.02	59.9	2.1	13	21.0	40.7
M895030		2.89	0.011	1.66	8.92	76.2	1210	1.93	1.18	0.24	12.00	58.8	6.9	10	33.5	55.1
M895031		1.88	0.090	3.20	8.71	121.0	1900	1.71	4.10	0.25	6.66	65.7	9.7	8	26.0	56.1
M895032		2.86	0.020	0.36	8.52	97.5	2400	1.95	0.51	0.59	12.05	74.7	14.2	14	14.90	16.6
M895033		2.34	0.036	1.44	8.48	167.5	2110	1.80	1.23	0.44	22.7	71.8	17.9	10	22.9	59.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12152424

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895001		4.74	21.1	0.20	1.2	0.331	3.39	54.6	18.7	0.36	617	5.52	0.49	9.5	3.8	570
M895002		3.46	21.6	0.17	1.4	0.206	3.26	40.2	23.9	0.33	1300	3.21	0.53	9.8	4.6	650
M895003		5.03	18.45	0.18	1.3	0.581	2.92	56.0	19.0	0.24	625	5.37	0.12	7.6	3.3	440
M895004		5.04	20.1	0.22	1.6	0.213	3.85	59.1	15.6	0.26	3680	3.11	0.07	8.6	4.4	580
M895005		3.30	21.9	0.17	1.5	0.120	3.45	35.8	25.3	0.51	893	1.98	0.14	9.4	2.9	680
M895006		3.88	19.30	0.17	1.3	0.165	3.55	39.9	17.8	0.30	1370	2.64	0.49	8.5	2.9	630
M895007		7.03	18.70	0.16	1.0	1.225	3.18	29.0	12.0	0.46	4030	3.62	0.01	6.8	2.4	530
M895008		3.59	22.1	0.15	1.5	0.081	3.13	29.9	40.2	0.41	784	1.75	0.09	10.1	3.2	750
M895009		4.02	21.1	0.18	1.2	0.194	3.16	37.2	24.3	0.21	1520	2.97	0.09	9.1	3.9	690
M895010		3.35	23.0	0.15	1.3	0.082	3.09	30.4	30.8	0.45	884	1.43	0.10	9.0	3.1	670
M895011		3.94	19.65	0.15	1.2	0.137	3.05	22.3	23.1	0.20	2940	3.31	0.05	8.5	3.8	620
M895012		2.42	19.35	0.13	1.5	0.075	3.08	21.0	36.6	0.34	537	1.58	0.09	9.8	2.5	630
M895013		3.22	19.95	0.17	1.6	0.053	2.73	28.4	25.9	0.57	513	1.01	0.56	8.6	2.9	610
M895014		2.74	18.30	0.13	1.4	0.067	2.88	19.9	24.0	0.29	1390	1.60	0.69	8.7	3.1	580
M895015		3.19	20.0	0.16	1.4	0.065	2.55	34.5	18.6	0.70	471	1.47	0.93	9.8	3.4	710
M895016		3.01	19.50	0.19	1.4	0.057	2.79	42.0	21.5	0.47	813	2.17	1.38	9.4	3.3	660
M895017		2.77	19.90	0.16	1.2	0.062	3.07	32.0	23.2	0.26	711	1.52	0.45	9.3	2.4	670
M895018		3.22	18.30	0.10	1.3	0.089	2.69	32.2	14.8	0.73	708	1.75	1.82	9.0	3.0	690
N895019		6.68	14.20	0.10	0.9	1.620	2.55	22.5	23.6	0.90	1820	12.45	0.04	5.9	13.8	440
M895020		3.45	18.30	0.12	1.2	0.065	2.56	40.7	16.3	0.78	2030	2.84	1.47	8.4	3.3	620
M895021		3.07	17.20	0.13	1.2	0.082	2.78	30.5	12.6	0.69	985	2.27	1.68	8.3	2.7	610
M895022		2.99	17.25	0.13	1.3	0.069	2.67	31.1	13.2	0.69	734	2.31	1.99	8.8	2.7	660
M895023		3.89	18.40	0.14	1.3	0.075	2.63	24.1	18.4	0.62	1200	2.65	1.00	8.9	3.6	660
M895024		3.48	18.75	0.14	1.3	0.088	2.90	34.0	20.7	0.38	1070	2.92	0.66	9.5	3.1	640
M895025		3.78	18.90	0.15	1.2	0.150	3.14	33.2	19.0	0.33	1600	4.05	0.63	8.9	3.0	660
M895026		6.26	18.40	0.15	1.1	0.602	3.72	37.7	10.8	0.27	2720	5.63	0.08	9.0	2.8	720
M895027		5.90	14.85	0.10	1.0	0.354	2.18	51.1	22.6	0.28	108	6.98	0.05	6.9	0.9	750
N895028		0.52	0.29	<0.05	<0.1	0.005	0.04	0.6	1.2	13.25	219	0.14	<0.01	0.3	<0.2	200
M895029		3.76	19.10	0.16	1.1	0.535	3.78	33.7	10.9	0.28	301	3.08	0.06	8.7	1.7	410
M895030		3.75	19.40	0.15	1.2	0.271	3.04	31.9	20.7	0.20	604	2.79	0.06	9.0	2.6	620
M895031		4.94	19.15	0.18	1.1	0.458	3.35	36.5	17.6	0.34	1440	3.73	0.11	8.5	2.9	610
M895032		4.54	18.00	0.16	1.1	0.159	3.07	35.0	17.2	0.57	2760	3.86	0.81	8.5	4.3	680
M895033		5.15	18.65	0.17	1.1	0.341	3.23	34.9	25.5	0.32	3780	4.33	0.49	8.9	3.6	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12152424

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895001		156.0	206	<0.002	0.12	16.10	14.8	2	7.0	81.4	0.77	0.53	15.1	0.270	2.20	3.9
M895002		628	174.0	<0.002	0.05	25.5	13.4	2	4.3	109.5	0.88	0.08	16.9	0.269	1.59	3.2
M895003		1180	187.5	<0.002	0.20	68.7	11.9	2	8.3	92.7	0.71	0.23	15.5	0.217	2.39	5.2
M895004		137.0	236	<0.002	0.04	24.6	13.0	2	4.0	53.5	0.87	0.11	17.3	0.256	2.71	5.9
M895005		121.0	178.0	<0.002	0.04	18.70	13.9	2	2.6	72.5	0.85	0.06	17.6	0.267	1.98	2.6
M895006		111.5	195.0	<0.002	0.05	31.9	12.6	2	5.2	78.6	0.76	0.08	16.1	0.257	1.99	3.1
M895007		>10000	181.0	<0.002	0.57	40.4	11.8	3	5.4	77.2	0.61	0.05	14.2	0.221	3.09	7.3
M895008		50.5	149.5	<0.002	0.01	9.17	13.9	1	2.5	62.0	0.90	<0.05	18.3	0.298	1.53	3.1
M895009		130.5	160.5	<0.002	0.18	26.9	13.4	2	2.6	43.0	0.79	0.12	16.3	0.282	2.06	4.3
M895010		23.1	147.5	<0.002	0.01	10.15	14.8	2	2.5	69.8	0.79	<0.05	18.5	0.261	1.51	2.7
M895011		47.8	138.0	<0.002	0.32	17.30	12.2	2	2.4	45.2	0.74	0.11	11.9	0.266	2.28	3.4
M895012		21.6	130.5	<0.002	0.02	16.00	11.6	1	2.3	86.0	0.95	<0.05	14.9	0.261	1.47	2.0
M895013		19.6	119.0	<0.002	0.01	11.80	12.9	2	1.9	112.5	0.86	<0.05	17.3	0.228	1.23	2.0
M895014		101.5	110.0	<0.002	0.14	9.22	10.4	2	1.9	137.5	0.80	0.21	11.7	0.240	1.89	2.8
M895015		20.5	119.0	<0.002	0.01	13.05	14.5	1	2.2	148.5	0.87	<0.05	19.0	0.256	1.11	1.9
M895016		26.9	136.5	<0.002	0.02	9.60	13.3	2	1.9	241	0.82	<0.05	17.8	0.261	1.40	2.6
M895017		24.8	153.5	<0.002	0.03	14.85	12.4	2	2.0	98.5	0.81	<0.05	16.1	0.278	1.32	2.3
M895018		28.4	114.5	<0.002	0.04	5.21	14.2	1	1.9	298	0.72	0.06	13.9	0.269	1.10	2.0
N895019		2730	158.0	0.002	4.72	90.4	7.7	1	7.7	91.3	0.46	0.37	9.0	0.177	2.20	4.6
M895020		29.1	114.5	<0.002	0.01	7.14	13.7	2	1.7	246	0.72	<0.05	17.4	0.245	1.06	2.6
M895021		23.6	124.0	<0.002	0.03	4.82	12.1	1	2.2	279	0.66	<0.05	14.4	0.252	1.26	2.1
M895022		20.2	114.0	<0.002	0.03	4.25	12.7	1	1.9	306	0.72	<0.05	17.1	0.260	1.17	2.4
M895023		38.3	119.0	<0.002	0.01	5.98	13.8	1	2.0	261	0.76	0.05	14.4	0.264	1.29	2.8
M895024		35.6	142.0	<0.002	0.06	13.65	12.5	1	2.1	124.5	0.79	0.05	15.3	0.280	1.63	2.9
M895025		156.0	157.0	<0.002	0.14	10.80	12.2	1	2.4	112.5	0.70	0.17	14.4	0.276	2.01	3.8
M895026		252	248	<0.002	0.23	9.77	12.7	1	3.7	46.1	0.72	0.50	15.3	0.286	3.54	5.4
M895027		571	154.0	0.002	0.17	43.9	6.9	1	4.6	126.0	0.56	0.84	9.9	0.219	2.19	4.2
N895028		2.0	1.9	<0.002	0.02	0.07	0.5	1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895029		282	251	<0.002	0.20	11.50	11.0	1	3.3	27.6	0.66	0.37	14.9	0.267	3.44	3.5
M895030		136.0	151.0	<0.002	0.14	15.60	9.6	1	2.2	48.4	0.72	0.17	17.5	0.287	2.26	5.4
M895031		241	187.5	<0.002	0.29	16.00	12.0	1	3.9	61.3	0.64	0.82	14.4	0.282	2.54	4.1
M895032		33.8	140.5	<0.002	0.06	8.27	12.4	1	2.2	127.5	0.68	0.08	15.3	0.275	1.66	3.8
M895033		147.0	161.5	<0.002	0.12	10.20	11.7	1	3.0	113.5	0.70	0.18	14.7	0.285	2.10	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12152424

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.001
M895001		81	4.8	22.0	346	31.0		
M895002		76	5.4	18.9	469	37.8		
M895003		69	3.8	23.4	984	31.8		
M895004		78	5.2	45.6	1380	36.1		
M895005		80	12.7	21.4	142	37.3		
M895006		76	2.8	25.6	354	32.8		
M895007		70	8.9	19.7	>10000	23.2	1.505	1.180
M895008		89	6.9	15.5	173	36.9		
M895009		84	2.6	24.2	215	30.7		
M895010		80	5.2	19.2	82	32.5		
M895011		82	3.0	19.0	207	28.1		
M895012		67	12.1	16.5	46	36.0		
M895013		73	9.7	18.9	54	37.3		
M895014		70	4.2	19.2	130	33.3		
M895015		79	16.1	15.3	52	37.4		
M895016		74	3.1	24.1	62	34.1		
M895017		78	3.7	21.1	72	31.9		
M895018		79	2.6	18.4	88	33.6		
N895019		55	5.1	9.2	5070	25.2		
M895020		71	3.5	29.8	138	33.4		
M895021		72	2.4	17.9	95	31.3		
M895022		72	2.1	17.5	97	34.2		
M895023		77	3.5	17.5	281	35.8		
M895024		77	3.2	20.1	143	34.8		
M895025		76	3.3	18.7	504	32.0		
M895026		80	3.1	15.5	891	28.0		
M895027		64	4.5	6.0	234	31.1		
N895028		3	0.1	0.9	15	<0.5		
M895029		72	2.5	8.0	440	31.1		
M895030		77	1.4	10.4	518	31.9		
M895031		79	2.7	13.9	446	27.3		
M895032		77	2.6	22.7	498	28.5		
M895033		78	2.3	18.0	1220	26.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-1

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12152424

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155846

Project: Klaza TR-12-2

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155846

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895034		2.58	0.013	0.27	6.42	11.5	2230	1.12	0.62	0.46	0.55	44.9	10.0	16	5.24	35.8
M895035		2.65	0.037	0.49	7.88	35.7	3270	1.39	1.27	0.37	0.59	55.4	16.6	14	12.55	50.6
M895036		2.16	0.023	0.59	7.90	32.6	3270	1.69	1.46	0.27	0.80	65.0	13.1	12	14.15	64.3
M895037		3.59	0.075	2.10	6.86	111.5	4620	1.49	4.36	0.26	0.89	45.8	12.4	11	11.75	61.6
M895038		3.09	0.022	1.07	7.60	48.7	3180	1.63	0.78	0.37	1.24	56.1	14.7	12	15.90	32.1
M895039		2.35	0.011	0.30	7.25	15.5	2810	1.42	0.58	0.41	0.45	51.4	13.1	12	8.53	14.0
M895040		2.19	0.010	0.40	8.41	26.7	3570	1.40	1.20	0.33	0.95	61.1	7.2	11	11.25	32.0
M895041		2.96	0.017	0.35	7.74	29.1	2230	1.62	1.21	0.49	0.75	59.2	8.8	12	12.15	32.3
M895042		2.59	0.013	0.36	7.57	30.6	2270	1.40	0.80	0.44	0.66	52.6	8.7	12	11.85	26.6
M895043		2.54	0.011	0.38	8.29	18.1	2240	1.38	0.70	0.34	0.35	52.4	7.5	11	12.95	31.3
M895044		3.39	<0.005	0.05	0.12	<5	20	0.06	0.03	20.5	0.07	1.32	1.8	2	0.33	4.5
M895045		2.26	0.008	0.32	7.69	19.1	2460	1.21	0.48	0.31	0.55	37.1	10.9	12	10.40	17.1
M895046		2.83	0.014	0.32	7.97	29.5	2300	1.53	0.70	0.58	0.41	55.3	19.3	12	9.41	16.9
M895047		3.14	0.008	0.32	8.27	10.8	2140	1.41	0.30	0.38	0.28	49.5	5.4	12	11.75	15.8
M895048		2.24	0.022	0.27	8.67	16.7	2090	1.49	0.43	0.28	0.61	48.5	8.7	15	10.45	19.0
M895049		2.34	0.020	0.33	8.00	29.2	2080	1.67	0.48	1.07	0.68	52.7	8.1	12	11.30	20.3
M895050		3.12	0.014	0.38	8.05	42.0	2550	1.73	0.49	0.45	0.80	51.1	8.5	11	20.9	20.9
M895051		2.74	0.014	0.41	8.25	32.1	2530	1.80	0.54	0.31	0.75	54.9	7.9	12	20.6	23.4
M895052		3.89	1.200	44.4	7.38	2030	1650	1.59	10.35	0.75	14.15	53.1	6.4	13	14.80	991
M895053		2.62	0.213	7.51	5.02	733	1180	1.04	7.31	0.10	5.80	35.6	5.2	11	8.10	76.4
M895054		2.79	0.064	1.94	4.71	267	2000	1.20	2.45	0.16	5.17	33.6	6.9	12	9.94	71.5
M895055		2.79	0.065	2.77	7.64	207	1890	1.61	1.35	0.48	2.94	58.9	10.1	16	10.45	77.6
M895056		2.48	0.042	1.95	7.37	153.0	7290	1.60	1.24	0.36	6.06	55.2	10.9	11	17.30	40.6
M895057		2.52	0.043	1.77	7.87	155.5	2780	1.57	1.30	0.46	4.36	63.9	9.3	15	11.80	54.7
M895058		2.62	0.028	3.70	7.66	148.5	2030	1.68	0.74	0.45	6.42	61.7	7.3	13	10.95	47.0
M895059		2.82	0.033	1.81	7.90	113.5	1990	1.71	0.67	0.33	5.74	57.9	6.4	12	22.0	33.7
M895060		1.80	0.019	0.80	7.67	58.9	2360	1.46	0.90	0.76	3.21	58.8	8.1	13	7.52	26.7
M895061		0.26	2.37	23.8	5.82	3440	1000	1.30	17.75	2.13	76.9	44.4	10.7	19	15.05	432
M895062		2.22	0.012	0.53	7.41	35.1	2300	1.51	0.91	0.77	1.78	55.7	7.7	11	9.56	23.9
M895063		2.02	0.035	0.76	7.93	52.7	1530	1.65	0.69	0.53	2.34	62.9	6.8	14	16.95	31.7
M895064		3.26	0.019	0.49	7.64	20.1	2330	1.66	1.08	0.84	1.14	57.3	5.7	13	8.32	27.0
M895065		2.85	0.029	1.79	8.05	27.7	2480	1.75	1.88	0.34	1.16	55.4	13.0	10	20.5	75.1
M895066		2.47	0.044	1.79	7.57	32.2	3110	1.66	1.99	0.27	1.47	57.8	11.1	10	14.40	48.0
M895067		2.57	0.048	2.03	7.87	38.6	3130	1.64	2.08	0.22	1.37	58.6	8.8	10	13.60	61.7
M895068		3.02	0.094	1.09	8.06	96.2	1660	1.48	3.00	0.32	1.28	71.2	14.7	11	15.65	108.0
M895069		3.18	0.067	0.83	8.91	40.3	2070	1.44	3.38	0.34	0.73	73.6	9.0	11	13.60	55.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155846

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895034		2.17	13.55	0.13	0.8	0.145	1.95	25.4	16.0	0.43	541	2.58	1.54	5.9	3.9	480
M895035		3.56	16.75	0.17	1.0	0.306	2.51	35.5	24.2	0.32	651	4.50	0.45	7.2	5.6	640
M895036		3.29	16.35	0.18	1.0	0.516	2.96	37.4	16.1	0.27	1040	4.12	0.57	7.0	5.5	620
M895037		4.14	14.30	0.17	0.8	0.576	2.79	32.9	15.6	0.24	1260	5.67	0.39	6.3	4.5	520
M895038		2.70	15.95	0.18	1.0	0.160	3.10	31.4	24.1	0.35	620	2.97	0.58	8.1	4.3	660
M895039		2.91	15.50	0.18	0.9	0.195	2.46	24.9	23.5	0.76	646	0.98	1.85	7.2	3.9	600
M895040		2.79	18.10	0.15	0.9	0.175	2.82	31.8	22.6	0.22	475	2.60	0.92	8.8	4.1	690
M895041		3.23	16.25	0.19	0.9	0.187	2.54	36.4	15.4	0.23	763	2.92	1.29	7.9	3.9	640
M895042		3.18	18.30	0.16	1.0	0.119	2.21	30.3	33.3	0.15	809	3.10	0.21	8.2	4.4	620
M895043		2.60	20.0	0.17	1.1	0.089	2.86	23.0	19.6	0.19	407	1.64	0.87	8.6	3.4	650
M895044		0.48	0.38	0.06	<0.1	0.006	0.04	0.7	1.1	12.10	211	0.11	0.01	0.4	3.4	180
M895045		2.85	20.2	0.14	1.1	0.085	2.88	15.3	25.8	0.15	519	3.70	0.18	8.7	3.7	640
M895046		3.75	19.40	0.18	1.2	0.086	2.93	28.3	18.6	0.46	538	3.06	1.43	8.8	4.5	640
M895047		2.66	20.4	0.14	1.5	0.068	2.80	21.1	20.9	0.23	376	1.95	0.93	9.4	3.9	610
M895048		3.38	21.1	0.16	1.6	0.103	2.77	19.5	26.1	0.16	571	2.80	0.27	11.0	4.3	670
M895049		3.15	19.20	0.18	1.2	0.070	2.59	26.2	16.0	0.41	578	2.04	1.56	8.7	5.1	640
M895050		3.19	18.80	0.19	1.2	0.057	2.90	28.6	39.2	0.21	857	2.83	0.55	8.3	4.0	620
M895051		3.24	19.80	0.19	1.4	0.065	3.01	29.9	26.7	0.19	659	3.38	0.52	8.7	4.3	630
M895052		3.85	19.15	0.20	1.2	0.369	3.16	32.8	17.6	0.33	829	3.55	0.30	7.9	2.8	560
M895053		4.21	12.20	0.19	0.7	0.163	2.14	24.4	14.1	0.19	501	2.60	0.04	4.7	2.4	340
M895054		4.51	11.90	0.19	0.7	0.241	1.85	21.9	16.9	0.15	574	3.65	0.12	4.2	3.5	330
M895055		3.52	18.00	0.20	1.2	0.162	2.76	33.2	18.3	0.32	666	2.11	0.84	8.0	4.8	610
M895056		3.89	16.90	0.22	1.0	0.161	2.76	35.0	13.6	0.24	1140	2.45	0.15	7.1	3.7	590
M895057		3.60	18.35	0.22	1.2	0.219	2.51	38.5	22.5	0.26	633	2.58	1.47	8.2	4.9	680
M895058		3.17	18.90	0.21	1.1	0.151	2.54	34.7	15.6	0.23	779	1.81	1.64	7.9	4.1	610
M895059		3.28	18.70	0.22	1.1	0.087	2.70	33.9	21.2	0.21	968	2.01	0.28	8.3	4.5	630
M895060		3.37	17.95	0.22	1.1	0.143	2.79	30.9	17.3	0.68	678	1.54	1.86	7.8	4.2	610
M895061		6.35	15.30	0.25	0.9	1.715	2.49	23.7	23.5	0.87	1830	14.20	0.04	6.2	15.1	420
M895062		3.17	18.20	0.20	1.0	0.190	2.60	28.1	15.9	0.74	499	0.94	1.93	7.5	3.6	610
M895063		2.93	20.0	0.20	1.2	0.123	2.67	33.4	25.9	0.37	559	1.41	1.48	8.3	4.4	620
M895064		3.07	18.85	0.18	1.1	0.181	2.73	30.4	15.7	0.78	510	1.41	1.70	8.2	3.9	650
M895065		3.65	19.70	0.20	1.1	0.166	2.83	29.2	21.1	0.50	436	2.68	0.69	8.3	3.4	670
M895066		4.04	19.40	0.21	1.0	0.107	2.82	33.1	14.1	0.34	887	4.08	0.63	7.5	4.0	600
M895067		3.27	18.80	0.21	1.1	0.158	3.15	33.4	8.9	0.30	718	3.62	0.57	7.6	4.3	640
M895068		5.21	19.40	0.25	1.1	0.557	2.34	43.1	18.0	0.45	996	3.76	1.84	7.2	6.0	750
M895069		6.55	22.0	0.30	1.1	0.801	2.26	42.1	17.2	0.56	1160	3.82	2.85	7.9	4.9	780

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155846

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895034		14.8	90.4	<0.002	0.13	4.73	9.5	1	1.2	113.0	0.49	0.06	12.9	0.189	1.18	2.4
M895035		29.6	111.0	<0.002	0.10	6.36	12.6	1	2.0	94.9	0.58	0.26	17.0	0.233	1.43	3.0
M895036		52.1	144.0	<0.002	0.12	9.18	12.4	1	2.3	68.9	0.58	0.19	16.8	0.224	2.05	2.9
M895037		118.0	145.0	<0.002	0.15	14.15	10.7	1	2.4	93.4	0.50	0.80	14.1	0.201	1.97	3.5
M895038		81.4	144.0	<0.002	0.12	7.02	12.9	1	1.8	98.1	0.64	0.08	16.6	0.256	1.96	3.5
M895039		16.2	122.0	<0.002	0.07	2.99	11.3	1	1.6	167.5	0.60	0.05	14.2	0.226	1.66	2.8
M895040		25.1	128.0	<0.002	0.08	6.48	12.3	1	1.8	117.5	0.74	0.31	16.6	0.272	1.59	3.3
M895041		22.5	134.5	<0.002	0.13	5.43	12.2	1	1.8	126.0	0.65	0.08	15.4	0.252	1.78	4.0
M895042		21.9	115.5	<0.002	0.07	33.8	12.0	1	1.7	82.0	0.63	0.09	14.5	0.263	1.32	3.3
M895043		23.5	138.5	<0.002	0.01	7.69	12.5	1	1.8	130.5	0.68	0.07	16.0	0.272	1.48	2.7
M895044		1.4	1.8	<0.002	0.01	1.40	0.4	<1	<0.2	46.0	<0.05	<0.05	<0.2	0.006	<0.02	0.6
M895045		24.7	132.5	<0.002	0.05	16.95	12.2	1	2.0	75.2	0.75	0.07	12.5	0.271	1.46	2.7
M895046		22.4	142.0	<0.002	0.05	7.28	12.3	1	1.8	194.5	0.75	0.19	16.4	0.258	1.40	3.6
M895047		27.1	131.0	<0.002	0.01	8.12	11.1	1	1.7	140.5	0.89	<0.05	16.9	0.258	1.28	2.8
M895048		24.8	139.5	<0.002	0.02	15.10	14.0	1	2.2	86.8	1.03	0.06	16.3	0.297	1.40	3.5
M895049		29.0	121.5	<0.002	0.04	6.56	11.3	1	1.7	251	0.73	0.08	14.9	0.268	1.25	2.7
M895050		21.6	151.5	<0.002	0.06	12.45	12.0	1	1.8	118.0	0.73	0.07	16.7	0.256	2.04	3.5
M895051		23.0	158.5	<0.002	0.05	12.35	11.8	2	1.9	109.0	0.76	0.08	17.0	0.260	2.06	3.5
M895052		270	209	0.002	0.92	667	11.3	2	8.3	72.6	0.67	0.44	16.1	0.240	2.47	4.0
M895053		629	148.0	<0.002	0.16	56.2	7.6	3	3.6	26.0	0.36	2.61	10.1	0.155	1.94	3.2
M895054		50.7	122.0	<0.002	0.06	19.85	7.1	2	1.4	28.4	0.36	0.78	10.0	0.139	1.62	3.4
M895055		81.6	154.0	<0.002	0.08	23.6	11.3	2	2.3	141.5	0.66	0.27	16.5	0.254	1.98	3.9
M895056		189.5	155.0	<0.002	0.31	24.3	11.3	2	2.5	83.1	0.57	0.16	15.8	0.235	2.32	4.4
M895057		97.3	136.5	<0.002	0.18	21.5	12.1	2	2.7	157.0	0.65	0.19	17.4	0.258	1.87	3.9
M895058		168.5	133.0	<0.002	0.11	20.4	11.6	1	2.4	162.5	0.62	0.10	15.7	0.248	1.60	4.0
M895059		72.7	143.5	<0.002	0.04	19.20	11.4	1	1.9	62.4	0.66	0.10	16.6	0.256	1.85	3.8
M895060		51.5	138.5	<0.002	0.16	6.89	11.1	1	1.9	230	0.63	0.15	15.1	0.251	1.49	3.1
M895061		2650	161.0	0.002	4.71	89.9	7.8	2	8.0	94.0	0.47	0.47	11.0	0.175	2.35	5.5
M895062		27.0	118.0	<0.002	0.12	4.26	11.6	1	1.8	255	0.59	0.14	14.4	0.235	1.29	3.2
M895063		30.6	122.5	<0.002	0.02	6.80	12.5	1	1.8	196.0	0.64	0.08	15.8	0.260	1.44	3.3
M895064		22.5	133.0	<0.002	0.24	4.39	11.8	1	2.2	223	0.63	0.13	15.1	0.255	1.55	3.2
M895065		31.5	153.5	<0.002	0.18	7.80	12.6	2	2.8	104.5	0.67	0.29	15.8	0.261	1.90	3.5
M895066		176.5	164.5	<0.002	0.21	7.80	11.5	2	3.7	101.0	0.59	0.37	15.3	0.236	2.18	4.3
M895067		107.5	196.5	<0.002	0.12	12.80	12.1	2	4.4	104.5	0.60	0.31	15.5	0.247	2.64	3.6
M895068		44.7	135.5	<0.002	0.16	9.02	13.6	2	2.4	96.6	0.57	0.66	17.7	0.237	1.87	5.2
M895069		39.9	129.5	<0.002	0.32	4.92	13.9	3	4.3	175.0	0.61	0.84	17.0	0.255	1.76	5.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155846

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895034		62	2.9	12.1	81	21.5
M895035		72	4.1	23.4	86	27.6
M895036		70	3.6	18.8	115	27.3
M895037		65	4.8	19.8	113	22.7
M895038		80	4.2	18.0	174	26.9
M895039		74	3.0	12.0	88	21.8
M895040		83	6.1	16.9	96	23.1
M895041		76	3.9	19.9	85	22.9
M895042		75	4.6	21.5	79	25.9
M895043		74	3.7	16.2	52	26.8
M895044		3	0.1	0.9	15	0.7
M895045		79	7.2	13.8	61	27.6
M895046		76	4.4	21.3	65	30.6
M895047		72	5.2	14.9	48	34.4
M895048		80	7.1	17.2	64	36.6
M895049		76	3.4	17.0	78	29.5
M895050		75	2.8	18.7	84	28.2
M895051		75	3.3	18.3	74	32.0
M895052		70	5.9	19.5	780	27.7
M895053		58	4.8	12.7	391	18.1
M895054		54	3.0	13.9	468	16.5
M895055		74	3.8	17.4	303	29.8
M895056		73	4.5	21.1	440	24.8
M895057		80	4.2	21.3	231	30.8
M895058		74	3.4	20.7	314	28.1
M895059		73	3.5	20.9	248	28.7
M895060		75	3.4	16.3	188	27.1
M895061		55	5.2	10.2	5050	27.2
M895062		76	3.1	16.2	159	25.1
M895063		77	3.7	19.7	199	29.2
M895064		77	3.0	17.0	96	28.3
M895065		79	4.7	19.4	102	27.8
M895066		75	3.7	19.5	188	25.0
M895067		73	3.6	19.1	126	26.7
M895068		68	3.7	26.6	114	27.3
M895069		73	3.4	25.0	93	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155846

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155847

Project: Klaza TR-12-2

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

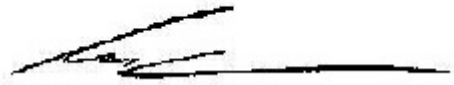
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155847

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895070		2.20	0.068	0.97	9.45	28.5	1430	1.38	5.73	0.28	0.62	68.9	4.6	13	15.45	49.9
M895071		3.24	0.026	0.37	8.48	15.9	2380	1.41	1.07	0.23	0.43	49.3	5.4	12	9.08	59.6
M895072		3.05	0.030	0.51	8.46	19.8	2370	1.33	1.75	0.28	0.55	72.2	9.4	15	10.70	43.8
M895073		2.62	0.014	0.30	7.69	13.5	2060	1.55	0.85	0.96	0.30	64.1	8.7	13	6.97	23.1
M895074		3.10	0.058	0.90	10.10	60.6	1560	1.44	1.88	0.36	1.93	73.3	3.5	11	16.20	22.7
M895075		2.65	0.040	0.69	8.52	41.3	1860	1.49	1.28	0.33	1.42	66.5	6.9	13	19.90	62.8
M895076		2.66	0.023	0.28	7.88	11.7	2140	1.66	0.51	1.01	0.40	62.8	4.5	12	9.31	27.4
M895077		2.74	0.047	0.62	7.97	58.6	1570	1.51	0.27	1.13	0.66	60.0	4.8	12	26.0	9.3
M895078		2.52	0.070	1.14	8.14	36.7	1720	1.59	0.17	0.72	0.86	58.0	5.7	15	33.6	9.8
M895079		2.01	0.127	3.49	7.10	121.0	1000	1.71	0.38	0.25	9.78	58.5	7.5	13	22.4	22.0
M895080		2.39	0.028	0.35	8.24	24.7	1580	1.44	1.42	0.25	3.32	46.6	13.1	14	14.25	28.0
M895081		2.65	0.035	0.47	8.08	26.6	2240	1.73	1.05	0.43	1.92	55.3	8.4	14	15.55	49.0
M895082		2.69	0.017	0.66	7.72	23.3	2740	1.59	1.11	0.86	1.22	52.5	8.3	14	11.75	24.6
M895083		2.18	0.022	0.40	8.07	12.8	2780	1.35	1.07	0.53	0.30	59.4	19.3	13	8.51	42.3
M895084		2.46	0.011	0.34	8.37	12.8	2910	1.63	0.97	0.27	0.44	44.8	13.6	14	16.15	9.5
M895085		2.17	0.018	0.75	7.72	13.8	2300	1.62	1.60	0.30	0.62	64.0	5.9	16	10.40	14.8
M895086		3.14	0.032	0.80	7.96	34.1	2860	1.65	2.12	0.29	0.61	55.7	29.5	19	9.40	17.5
M895087		3.13	0.020	0.47	7.36	25.1	2370	1.53	1.55	0.72	0.56	50.7	10.4	14	6.53	25.3
M895088		0.25	2.19	25.5	5.79	3320	600	1.26	18.85	2.14	77.3	40.2	10.9	18	13.90	423
M895089		2.03	0.029	0.72	8.24	35.8	2340	1.55	0.76	0.39	0.85	55.1	12.1	13	12.30	20.0
M895090		2.29	<0.005	0.17	7.62	9.4	2370	1.66	0.34	1.84	0.29	47.8	7.7	14	6.99	9.0
M895091		3.36	0.007	0.30	7.77	9.3	2330	1.61	0.36	0.97	0.35	53.2	8.6	11	11.75	11.7
M895092		2.73	0.023	0.70	7.36	24.5	2330	1.64	1.37	0.76	0.41	52.0	15.0	12	8.12	27.7
M895093		2.45	0.572	1.13	7.68	66.4	2110	1.78	5.35	0.26	0.48	61.3	23.7	18	12.00	170.0
M895094		3.28	0.068	1.98	8.21	53.4	2440	1.74	3.88	0.26	2.23	62.0	18.6	12	16.75	199.0
M895095		2.51	0.064	1.14	7.72	61.5	1740	1.71	2.92	0.27	0.91	56.9	15.5	12	22.5	127.0
M895096		3.39	0.272	1.01	7.96	24.7	2140	1.48	1.37	0.42	1.32	56.0	7.9	11	16.30	39.6
M895097		2.87	0.019	0.42	7.90	14.9	2290	1.52	1.06	0.36	0.73	61.3	6.2	11	12.00	34.1
M895098		4.03	<0.005	0.03	0.10	<5	40	0.10	0.05	19.85	0.06	1.30	0.7	2	0.35	2.0
M895099		2.75	0.038	0.55	7.94	25.0	2140	1.86	1.49	0.45	0.91	60.5	10.5	12	14.90	26.4
M895100		2.69	0.189	2.31	6.83	107.0	2150	1.82	2.71	0.26	1.27	50.5	10.5	9	29.4	50.4
M895101		2.31	0.206	1.83	6.52	177.0	1880	1.50	1.29	2.40	3.47	47.3	8.6	13	13.70	35.4
M895102		3.52	0.033	0.62	7.95	25.9	2670	1.73	1.43	0.58	0.81	51.9	8.8	11	12.70	31.7
M895103		2.87	0.058	1.07	7.47	83.4	2930	1.64	0.93	0.31	1.69	53.5	7.3	12	21.6	21.4
M895104		2.57	0.032	0.47	8.12	12.6	2700	1.56	0.82	0.41	1.03	53.1	6.5	11	16.40	37.9
M895105		2.96	0.207	31.7	7.12	184.5	4620	1.58	7.01	0.15	3.64	52.5	7.5	12	15.90	159.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155847

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895070		4.89	24.0	0.15	1.1	0.428	3.04	37.9	19.0	0.69	467	2.70	1.22	9.3	4.4	560
M895071		3.73	20.8	0.10	1.1	0.203	2.54	23.5	27.3	0.21	452	2.85	0.61	8.9	4.5	670
M895072		4.44	19.90	0.13	1.1	0.162	2.38	31.7	23.1	0.19	684	3.07	0.31	8.4	5.9	710
M895073		3.11	19.00	0.12	1.1	0.222	2.22	33.8	22.0	0.75	646	2.37	2.19	8.5	5.1	700
M895074		7.13	22.7	0.23	1.0	0.897	2.52	42.8	28.9	0.22	1600	3.91	0.26	8.0	4.7	770
M895075		4.58	19.60	0.15	1.2	0.400	2.50	37.4	26.7	0.21	1060	2.07	0.65	8.4	4.3	670
M895076		3.21	19.15	0.13	1.2	0.129	2.59	32.0	23.0	0.64	518	1.17	2.03	9.0	3.4	680
M895077		3.43	19.30	0.15	1.1	0.301	2.91	33.3	21.3	0.37	1240	1.51	0.24	8.3	3.2	620
M895078		3.17	18.90	0.11	1.1	0.060	3.05	30.3	17.0	0.19	1270	1.42	0.06	8.4	3.4	640
M895079		3.72	17.60	0.14	1.0	0.708	2.66	32.6	22.7	0.20	2070	2.20	0.05	7.5	3.0	540
M895080		3.56	20.8	0.09	1.1	0.206	2.09	24.2	31.5	0.19	612	1.56	0.12	8.3	3.7	690
M895081		3.21	19.10	0.11	1.1	0.095	2.78	30.8	31.2	0.24	508	1.46	1.14	8.4	3.8	680
M895082		3.41	17.35	0.14	1.1	0.112	2.48	27.0	22.1	0.42	510	1.32	1.69	7.9	3.8	650
M895083		2.97	18.80	0.12	1.2	0.127	2.68	29.0	24.3	0.57	339	0.91	0.95	8.7	3.4	670
M895084		2.08	19.40	0.13	1.2	0.126	3.19	21.0	19.7	0.27	311	1.50	0.22	8.5	3.2	720
M895085		2.65	17.95	0.13	1.0	0.193	2.51	34.8	10.8	0.36	357	1.59	1.53	7.1	3.0	660
M895086		3.58	17.65	0.12	1.1	0.230	2.76	30.9	12.7	0.36	514	1.75	1.53	6.9	4.0	670
M895087		3.44	16.30	0.11	1.1	0.155	2.53	28.9	12.6	0.63	572	1.41	1.79	7.3	4.1	610
M895088		6.50	14.40	0.13	0.9	1.680	2.55	22.5	23.3	0.88	1850	13.05	0.04	5.6	15.3	440
M895089		3.55	19.40	0.12	1.2	0.125	2.91	24.5	18.9	0.26	621	1.58	1.01	7.9	4.5	650
M895090		3.20	17.85	0.11	1.1	0.064	2.60	22.6	11.1	0.65	552	1.49	2.25	8.1	3.4	620
M895091		3.12	17.60	0.10	1.2	0.065	2.67	26.4	14.6	0.31	581	1.25	1.66	7.9	3.5	640
M895092		3.30	17.50	0.14	1.1	0.252	2.71	30.7	12.9	0.53	535	1.26	1.73	7.7	3.7	610
M895093		4.92	18.35	0.13	1.1	0.312	3.34	41.1	11.4	0.29	547	2.48	0.33	6.8	3.6	610
M895094		4.37	19.70	0.13	1.2	0.312	3.24	35.7	14.0	0.28	1440	2.20	0.29	8.0	4.3	700
M895095		3.87	17.90	0.11	0.9	0.313	2.81	33.0	14.7	0.20	832	1.40	0.26	6.8	3.7	680
M895096		3.50	18.05	0.11	1.0	0.188	2.79	31.5	32.9	0.17	688	1.36	1.16	7.4	3.7	650
M895097		2.89	17.55	0.13	0.9	0.206	2.61	29.0	20.3	0.27	571	1.27	1.44	7.3	3.1	630
M895098		0.46	0.28	0.10	<0.1	0.007	0.04	0.6	1.3	11.80	205	0.09	0.01	0.1	1.5	200
M895099		3.65	18.45	0.14	1.1	0.286	2.53	32.8	18.7	0.28	731	1.42	1.75	8.2	3.5	670
M895100		3.53	16.70	0.12	1.2	0.215	2.75	28.0	19.4	0.25	2250	1.73	0.04	7.2	3.1	540
M895101		5.15	16.10	0.12	0.9	0.176	2.92	28.2	13.4	0.74	17400	3.09	0.10	6.1	3.3	510
M895102		3.56	18.05	0.14	1.2	0.163	3.02	29.0	21.0	0.30	898	1.44	1.31	8.0	3.3	650
M895103		3.27	17.25	0.15	1.1	0.075	3.08	32.5	30.4	0.25	1120	1.32	0.27	7.7	3.0	590
M895104		2.97	19.30	0.11	1.2	0.130	2.92	26.8	28.8	0.36	776	0.93	0.94	8.7	3.2	670
M895105		5.72	17.60	0.13	1.0	0.613	3.18	34.1	12.1	0.25	3290	2.26	0.12	6.8	3.0	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155847

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895070		16.0	154.0	<0.002	0.13	3.30	17.0	3	8.5	127.0	0.70	0.67	11.0	0.309	2.16	3.9
M895071		17.7	116.0	<0.002	0.04	11.15	13.3	2	2.3	102.0	0.68	0.13	14.1	0.280	1.32	4.1
M895072		25.1	113.5	<0.002	0.07	10.20	14.7	2	2.5	87.3	0.64	0.21	14.4	0.279	1.40	4.9
M895073		20.1	107.5	<0.002	0.19	5.51	13.8	2	2.1	295	0.61	0.10	13.2	0.273	1.31	3.0
M895074		47.5	160.0	<0.002	0.24	21.7	16.1	2	4.0	38.4	0.60	0.25	17.5	0.252	2.29	6.5
M895075		25.8	142.5	<0.002	0.12	18.55	13.9	2	2.3	87.8	0.68	0.21	15.6	0.265	2.09	4.7
M895076		19.1	119.5	<0.002	0.05	3.87	13.3	1	1.8	287	0.73	<0.05	14.6	0.269	1.35	2.8
M895077		33.4	143.0	<0.002	0.19	8.36	13.0	1	2.6	61.0	0.64	<0.05	14.1	0.255	2.18	3.4
M895078		161.5	158.0	<0.002	0.04	7.79	13.0	1	1.7	31.0	0.65	<0.05	14.6	0.264	2.50	3.6
M895079		1280	152.5	<0.002	0.30	21.4	12.0	1	3.2	25.9	0.55	0.05	12.7	0.233	2.55	3.7
M895080		20.4	117.0	<0.002	0.18	13.25	15.2	2	2.3	45.6	0.66	0.25	14.9	0.255	1.53	3.6
M895081		24.4	128.5	<0.002	0.09	10.65	12.9	1	2.2	174.0	0.67	0.14	13.8	0.268	1.64	3.6
M895082		30.4	115.5	<0.002	0.17	5.43	12.0	1	2.2	243	0.68	0.10	14.4	0.260	1.42	3.3
M895083		21.8	108.5	<0.002	0.11	4.17	11.9	<1	2.0	159.5	0.75	0.08	16.2	0.263	1.28	2.9
M895084		13.7	154.0	<0.002	0.08	8.69	12.9	1	1.7	52.6	0.71	0.17	15.4	0.267	2.20	2.9
M895085		28.4	136.5	0.002	0.12	10.25	12.1	1	3.0	170.5	0.52	0.29	14.3	0.231	1.80	2.2
M895086		24.3	149.0	0.002	0.26	5.83	12.5	1	2.5	163.5	0.55	0.43	13.9	0.239	1.96	2.7
M895087		22.0	114.5	<0.002	0.15	4.36	11.1	1	2.0	216	0.60	0.24	13.9	0.237	1.41	2.6
M895088		2680	152.0	0.002	4.62	90.1	7.8	1	7.9	88.2	0.46	0.31	9.2	0.171	2.27	4.7
M895089		26.1	132.5	0.002	0.04	8.80	12.4	1	2.0	146.0	0.65	0.09	15.1	0.259	1.54	3.6
M895090		20.7	99.2	<0.002	0.06	2.55	10.5	1	1.8	388	0.69	<0.05	12.1	0.251	1.17	2.5
M895091		21.0	112.5	<0.002	0.01	6.73	11.4	1	1.7	249	0.65	<0.05	14.4	0.253	1.17	2.9
M895092		26.5	127.0	<0.002	0.18	5.38	11.1	1	2.3	238	0.66	0.24	14.5	0.233	1.59	2.9
M895093		32.8	176.5	<0.002	0.21	6.14	12.2	1	4.3	46.5	0.57	0.99	14.7	0.220	2.82	3.7
M895094		71.4	172.0	0.002	0.15	7.84	12.7	1	3.5	66.7	0.68	0.41	17.1	0.249	2.55	4.3
M895095		70.9	133.5	<0.002	0.19	19.50	11.9	1	2.2	37.5	0.58	0.23	14.3	0.232	2.15	4.4
M895096		108.0	133.0	<0.002	0.06	6.86	11.7	1	2.0	161.5	0.60	0.11	13.8	0.250	1.73	3.7
M895097		23.9	121.5	0.002	0.06	5.69	10.9	1	1.9	143.5	0.64	0.09	15.0	0.238	1.57	3.0
M895098		1.4	2.2	<0.002	0.01	0.10	0.2	<1	0.3	40.7	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M895099		58.2	124.0	<0.002	0.06	5.75	12.6	1	2.1	174.5	0.75	0.12	16.1	0.247	1.78	4.2
M895100		125.0	159.0	0.002	0.30	19.80	9.9	1	2.2	44.0	0.66	0.13	13.7	0.213	2.72	3.9
M895101		145.0	173.5	0.002	0.49	14.40	9.6	1	1.9	69.9	0.54	0.12	12.6	0.192	2.86	4.0
M895102		42.5	138.0	0.002	0.08	8.31	11.8	1	2.1	195.5	0.71	0.12	15.4	0.251	1.99	3.7
M895103		64.8	168.5	<0.002	0.25	15.40	11.1	1	1.9	80.1	0.70	0.06	14.9	0.238	2.46	3.4
M895104		21.6	130.0	<0.002	0.04	6.15	12.6	1	2.1	151.5	0.77	0.08	16.8	0.257	1.66	2.6
M895105		303	175.0	<0.002	0.38	43.6	11.0	1	4.6	61.6	0.64	0.50	13.4	0.214	2.65	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155847

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895070		96	7.1	15.1	48	25.5
M895071		79	4.7	18.7	52	25.3
M895072		81	4.9	22.5	73	26.5
M895073		79	2.6	15.7	65	26.6
M895074		103	4.7	27.7	221	24.0
M895075		83	3.3	22.2	140	26.3
M895076		75	5.0	14.3	64	25.9
M895077		71	4.2	19.4	103	25.8
M895078		74	8.5	18.8	157	25.4
M895079		67	3.9	14.1	1240	24.2
M895080		72	4.3	18.9	198	24.6
M895081		79	2.6	17.2	106	27.1
M895082		76	3.2	17.9	93	24.2
M895083		73	4.3	17.6	46	26.6
M895084		80	5.1	17.0	44	28.8
M895085		72	3.3	15.5	66	23.6
M895086		79	3.1	17.3	57	24.8
M895087		72	2.3	16.4	61	24.5
M895088		54	4.8	9.8	5190	25.5
M895089		74	5.4	22.5	80	28.3
M895090		70	1.6	16.1	44	26.0
M895091		73	3.3	17.2	47	28.1
M895092		74	2.0	17.8	58	25.5
M895093		73	3.5	25.5	66	25.2
M895094		74	3.7	22.0	190	26.8
M895095		76	2.6	19.5	125	22.2
M895096		74	1.7	19.3	186	24.8
M895097		67	2.8	16.4	66	23.3
M895098		2	0.2	0.8	12	<0.5
M895099		77	2.9	21.7	100	24.1
M895100		64	3.7	17.1	161	26.6
M895101		58	4.0	26.6	170	20.5
M895102		73	2.5	18.5	94	26.5
M895103		71	3.5	19.9	215	28.2
M895104		74	2.6	17.0	69	31.3
M895105		68	3.7	21.2	370	24.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155847

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155848

Project: Klaza TR-12-2

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

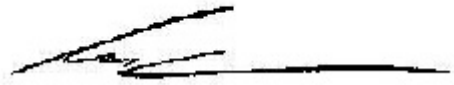
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155848

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895106		3.84	0.031	1.11	7.72	24.8	2590	1.63	1.06	0.51	1.38	55.4	6.9	10	16.80	45.4
M895107		2.82	0.216	3.07	7.46	76.6	1980	1.84	5.65	0.29	1.52	62.4	9.4	9	23.1	197.0
M895108		2.28	0.016	0.47	8.05	11.3	2090	1.56	0.76	0.38	0.86	53.6	5.8	13	13.10	29.4
M895109		2.59	0.018	0.41	7.80	17.6	2930	1.44	0.88	0.24	1.20	55.1	9.6	10	14.70	49.3
M895110		2.06	0.013	0.35	8.15	11.4	2180	1.47	0.73	0.27	0.61	51.4	7.6	11	12.35	42.1
M895111		2.85	0.046	0.49	7.93	14.9	2040	1.50	1.27	0.32	1.31	55.1	7.4	12	13.25	76.5
M895112		2.62	0.026	0.49	8.27	17.1	2250	1.89	1.23	1.05	0.92	62.1	9.7	15	12.70	68.1
M895113		2.05	0.026	0.54	7.96	18.2	2290	1.47	1.00	0.33	0.82	56.1	12.3	11	11.85	62.8
M895114		2.26	0.011	0.25	8.18	14.3	2520	1.49	0.58	0.25	1.13	64.4	9.0	13	12.75	38.3
M895115		1.89	0.015	0.47	8.83	11.3	2300	1.31	0.66	0.38	0.50	51.7	5.3	12	13.70	35.4
M895116		2.38	0.020	0.23	8.17	10.9	2450	1.66	0.80	1.21	0.43	61.5	7.7	13	6.68	27.3
M895117		2.52	0.039	0.57	8.18	15.8	2960	1.69	3.13	0.59	0.34	58.7	12.8	12	9.43	49.1
M895118		2.22	0.018	0.30	8.36	10.9	2550	1.96	0.96	1.39	0.27	59.7	9.0	14	8.68	21.6
M895119		0.24	2.24	28.8	6.12	3540	960	1.36	18.25	2.26	81.6	47.1	11.0	18	16.15	441
M895120		2.43	0.107	0.69	8.28	30.0	2030	1.75	2.48	0.48	0.68	58.5	7.5	13	14.55	67.7
M895121		3.23	0.096	1.14	7.95	92.8	2540	2.39	1.50	0.26	5.10	67.7	10.4	12	28.6	55.4
M895122		2.50	0.143	2.07	8.54	147.0	1630	1.43	4.78	0.12	0.65	45.8	4.9	14	15.30	33.2
M895123		2.56	0.226	4.24	8.82	318	1290	1.57	9.67	0.11	0.86	66.9	3.9	12	13.50	50.9
M895124		4.02	0.109	3.41	7.38	181.0	1000	1.33	7.07	0.11	0.76	53.7	5.0	13	12.85	36.5
M895125		2.60	0.041	0.72	8.35	23.3	1880	1.54	3.17	0.19	0.70	54.7	21.8	10	12.65	66.4
M895126		4.86	<0.005	0.05	0.08	<5	20	0.08	0.08	20.8	0.07	1.31	0.6	2	0.22	1.3
M895127		2.67	0.037	0.48	8.96	22.9	2930	1.78	3.46	0.26	0.34	69.2	18.4	11	10.65	19.9
M895128		2.57	0.036	0.47	8.00	23.0	1750	1.49	1.63	0.28	0.23	50.1	7.1	11	19.25	32.2
M895129		3.85	0.045	0.67	8.11	42.3	3770	1.51	2.85	0.23	0.33	56.9	9.7	10	14.70	31.5
M895130		2.28	0.098	1.40	7.98	112.5	2750	1.85	2.20	0.20	0.55	56.4	11.9	12	21.7	24.7
M895131		2.79	0.030	0.46	8.09	19.1	2010	1.39	1.94	0.31	0.25	48.7	6.3	11	9.77	35.7
M895132		2.57	0.013	0.33	8.50	15.2	2890	1.73	1.79	0.34	0.31	62.0	5.0	15	11.80	18.0
M895133		2.72	0.023	0.39	8.55	15.5	2710	1.48	2.56	0.28	0.24	57.6	8.4	11	11.00	40.1
M895134		2.78	0.017	0.30	8.43	16.1	2090	1.38	1.94	0.28	0.90	54.0	8.2	13	11.50	32.5
M895135		2.43	0.201	4.13	7.59	603	1090	1.54	2.49	0.22	2.87	53.1	6.6	12	16.60	305
M895136		2.52	0.090	2.01	8.65	310	2890	1.44	4.26	0.27	2.43	56.8	9.2	13	14.50	39.3
M895137		1.88	0.025	0.60	8.08	96.8	2410	1.46	2.30	0.94	1.15	57.4	12.5	16	9.23	23.8
M895138		2.89	0.021	0.53	8.27	104.0	2170	1.53	1.19	0.62	1.67	54.3	8.6	13	11.95	18.7
M895139		2.99	0.015	0.36	7.94	19.3	2390	1.50	0.85	0.76	1.01	53.6	6.7	10	15.15	20.5
M895140		2.68	0.014	0.30	7.87	10.4	2170	1.40	0.76	0.59	0.27	53.5	8.6	14	13.30	19.5
M895141		2.96	0.014	0.35	7.99	11.6	2410	1.34	0.99	0.62	0.29	56.6	8.7	11	12.25	24.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155848

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895106		3.29	18.40	0.20	1.2	0.161	2.69	29.0	21.3	0.54	865	0.92	0.99	8.7	3.5	640
M895107		4.02	18.85	0.25	1.4	0.358	2.81	35.5	19.1	0.24	974	2.55	0.37	8.1	3.6	680
M895108		2.87	19.25	0.20	1.3	0.097	2.70	22.9	23.6	0.28	443	1.12	0.71	8.9	3.1	650
M895109		3.37	18.50	0.21	1.2	0.099	2.53	27.7	29.0	0.13	788	1.72	0.25	9.0	3.7	680
M895110		2.78	19.40	0.21	1.3	0.098	2.71	23.7	21.6	0.15	747	1.28	0.43	9.1	3.1	660
M895111		3.14	18.90	0.21	1.2	0.150	2.51	26.4	25.6	0.16	855	1.24	0.33	9.2	3.7	660
M895112		3.48	19.15	0.26	1.3	0.138	2.67	32.2	16.2	0.52	679	1.26	1.92	9.1	4.8	670
M895113		2.83	19.50	0.21	1.2	0.094	2.77	25.0	18.3	0.25	423	1.12	0.65	8.8	3.8	630
M895114		3.66	18.40	0.14	1.1	0.073	2.70	36.8	34.9	0.14	780	1.78	0.13	8.1	4.2	630
M895115		2.79	19.60	0.13	1.1	0.085	2.86	24.4	25.8	0.28	372	0.83	0.72	8.4	4.0	680
M895116		3.22	17.85	0.11	1.1	0.092	2.69	28.7	16.0	0.71	509	9.67	1.92	8.1	3.9	630
M895117		3.52	17.90	0.12	1.1	0.146	2.90	25.8	19.5	0.88	567	1.10	1.58	7.8	3.8	630
M895118		3.33	18.05	0.13	1.2	0.108	2.78	31.4	15.9	0.77	597	1.47	1.98	8.2	4.7	650
M895119		6.93	15.15	0.13	0.9	1.945	2.64	24.7	26.7	0.94	1890	14.60	0.05	5.7	15.6	460
M895120		3.45	18.95	0.10	1.2	0.242	2.60	32.3	25.8	0.52	613	1.33	1.50	8.3	3.5	620
M895121		4.14	19.30	0.15	1.3	0.372	3.46	40.7	12.2	0.34	5550	3.97	0.05	8.6	4.6	630
M895122		5.23	17.75	0.11	1.1	0.612	3.90	28.5	8.6	0.31	656	3.87	0.05	7.6	2.0	480
M895123		7.85	19.25	0.17	1.1	0.658	4.07	47.4	14.8	0.32	724	2.35	0.08	6.4	2.8	640
M895124		7.50	16.50	0.14	1.3	0.474	3.22	34.5	19.0	0.25	928	2.15	0.08	6.2	3.1	620
M895125		4.20	18.55	0.11	1.0	0.336	2.66	25.6	25.8	0.25	1370	1.25	0.59	6.9	3.3	550
M895126		0.47	0.24	0.06	<0.1	0.009	0.03	0.7	1.1	12.95	207	0.15	0.01	0.2	1.6	180
M895127		4.86	19.50	0.16	1.1	0.308	2.80	39.8	25.7	0.21	752	1.18	0.72	6.5	3.6	730
M895128		3.38	16.55	0.13	1.0	0.249	2.40	27.1	29.9	0.17	703	1.06	0.10	6.5	3.3	680
M895129		4.41	16.60	0.13	1.1	0.310	2.44	35.7	28.3	0.18	893	1.18	0.13	6.1	3.1	710
M895130		4.08	16.75	0.12	0.9	0.508	3.26	34.7	14.8	0.25	2160	1.59	0.06	6.0	3.6	590
M895131		3.53	17.15	0.11	1.0	0.192	2.69	21.3	18.6	0.28	596	0.88	0.93	7.2	3.1	690
M895132		3.64	18.25	0.11	1.1	0.404	2.47	29.2	21.2	0.44	702	1.22	1.39	8.0	3.8	830
M895133		3.58	18.15	0.11	1.0	0.250	2.62	29.2	19.9	0.34	530	0.91	1.04	7.6	2.8	690
M895134		3.64	20.0	0.15	1.3	0.239	2.76	28.2	27.5	0.18	821	1.42	0.20	9.3	4.5	690
M895135		3.87	18.95	0.19	1.0	0.396	3.11	41.9	25.1	0.30	606	1.19	0.05	7.1	3.3	590
M895136		4.27	21.0	0.19	1.1	0.186	3.14	33.1	22.8	0.21	887	1.23	0.16	9.3	4.3	700
M895137		3.74	19.50	0.18	1.1	0.164	2.74	32.0	17.9	0.62	681	0.82	1.62	9.3	5.6	710
M895138		3.76	20.9	0.20	1.1	0.166	2.72	28.0	15.0	0.45	736	0.91	1.35	9.0	4.5	680
M895139		3.64	19.20	0.17	1.0	0.158	2.68	25.5	17.0	0.86	625	0.62	1.24	8.8	4.2	670
M895140		3.55	18.25	0.18	1.0	0.118	2.69	29.0	16.6	0.98	597	1.17	1.39	8.4	3.4	650
M895141		3.69	19.50	0.18	1.1	0.132	2.66	33.8	18.5	0.76	630	1.17	1.27	8.4	4.1	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155848

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895106		48.3	128.0	<0.002	0.05	9.90	11.4	1	1.8	154.0	0.75	0.10	16.9	0.260	1.54	3.1
M895107		101.5	151.5	<0.002	0.14	29.3	10.1	1	2.8	61.8	0.66	0.33	14.5	0.247	2.22	5.1
M895108		35.7	122.5	<0.002	0.01	5.93	11.6	1	1.7	114.0	0.74	0.05	16.6	0.272	1.31	2.5
M895109		23.0	124.0	<0.002	0.06	22.9	11.8	1	1.7	75.4	0.75	0.08	15.9	0.266	1.40	3.7
M895110		21.7	123.0	<0.002	0.01	7.51	11.7	1	1.8	83.6	0.76	0.07	16.7	0.279	1.31	3.0
M895111		34.5	114.5	<0.002	0.03	15.85	11.7	1	1.8	87.9	0.76	0.11	16.7	0.281	1.30	3.2
M895112		39.8	121.0	<0.002	0.06	5.51	11.8	1	1.8	287	0.76	0.12	17.3	0.283	1.36	3.3
M895113		23.1	132.5	<0.002	0.03	7.20	11.9	1	2.0	111.0	0.71	0.14	16.4	0.264	1.40	3.2
M895114		19.4	122.0	<0.002	0.08	19.85	12.2	4	1.9	69.8	0.75	0.06	16.6	0.275	1.28	4.0
M895115		23.1	118.5	0.004	0.02	4.16	11.1	<1	2.0	112.5	0.71	0.07	17.0	0.285	1.31	3.3
M895116		22.6	118.0	0.002	0.11	3.27	11.4	2	2.1	298	0.70	0.12	15.0	0.272	1.34	2.7
M895117		25.3	127.0	0.003	0.08	2.35	12.6	3	2.2	198.0	0.69	0.18	15.4	0.267	1.52	2.9
M895118		25.8	133.0	<0.002	0.05	2.66	12.1	2	1.9	307	0.79	0.11	16.0	0.271	1.51	3.2
M895119		2820	168.0	0.003	4.92	92.4	8.5	2	8.5	95.5	0.46	0.38	11.1	0.178	2.44	5.5
M895120		27.7	135.0	0.005	0.10	5.42	12.2	2	2.5	138.0	0.78	0.55	18.0	0.255	1.54	3.6
M895121		86.4	242	0.004	0.15	9.68	12.4	2	3.0	36.8	0.92	0.29	18.2	0.245	3.54	4.7
M895122		45.6	244	0.003	0.27	9.20	12.2	1	4.0	20.2	0.71	0.77	14.8	0.267	4.07	4.5
M895123		178.0	254	<0.002	0.09	16.75	11.7	2	9.2	20.6	0.66	1.50	15.1	0.227	3.63	5.1
M895124		136.0	204	0.002	0.10	18.45	10.7	2	8.2	23.7	0.58	1.55	13.5	0.210	2.71	4.8
M895125		25.0	133.5	0.004	0.03	8.45	13.3	2	2.5	86.5	0.60	0.57	18.1	0.231	1.71	4.0
M895126		1.6	1.7	0.004	0.01	<0.05	0.3	<1	0.4	41.8	<0.05	0.06	<0.2	<0.005	<0.02	0.6
M895127		18.6	137.0	0.005	0.02	11.15	13.1	1	2.5	131.5	0.56	1.81	17.9	0.219	1.89	4.3
M895128		18.4	108.5	<0.002	0.04	14.40	11.8	1	2.1	58.1	0.60	0.20	15.6	0.235	1.42	3.6
M895129		25.1	111.5	0.002	0.09	16.15	11.2	1	2.1	57.4	0.57	0.84	17.1	0.223	1.79	4.0
M895130		62.7	178.0	<0.002	0.08	13.15	11.2	1	2.6	40.8	0.54	0.62	15.1	0.223	3.35	3.5
M895131		21.5	110.5	0.005	0.02	7.99	11.2	1	2.0	102.0	0.65	0.18	15.0	0.260	1.62	3.5
M895132		19.1	131.0	<0.002	0.10	6.94	12.2	1	2.4	133.5	0.69	0.24	15.9	0.271	1.87	3.7
M895133		18.0	119.0	0.003	0.07	6.08	11.4	<1	2.0	106.5	0.69	0.45	17.1	0.274	1.75	3.5
M895134		17.9	150.5	<0.002	0.04	19.05	13.1	1	1.9	69.2	0.81	0.30	19.1	0.281	1.97	4.6
M895135		132.5	244	<0.002	0.12	77.8	12.5	1	2.6	20.1	0.60	0.53	15.9	0.230	2.99	3.8
M895136		43.7	179.0	<0.002	0.05	11.50	13.9	1	2.2	69.3	0.78	0.27	17.4	0.293	2.10	4.3
M895137		41.2	141.0	<0.002	0.12	8.57	13.9	1	2.1	244	0.76	0.43	15.8	0.305	1.55	3.7
M895138		29.2	141.5	<0.002	0.04	5.42	14.8	1	2.1	187.5	0.74	0.18	16.0	0.279	1.53	3.2
M895139		22.7	128.5	<0.002	0.05	3.43	14.0	1	2.0	196.5	0.74	0.17	15.0	0.274	1.45	2.6
M895140		29.8	123.5	<0.002	0.04	2.74	13.4	1	1.8	168.0	0.69	0.10	15.7	0.282	1.40	2.8
M895141		21.7	120.5	<0.002	0.04	3.89	13.7	1	2.0	175.0	0.73	0.14	16.3	0.271	1.38	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155848

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895106		72	4.1	18.2	109	30.9
M895107		66	2.6	22.2	191	38.5
M895108		76	2.4	15.6	121	32.9
M895109		75	3.0	19.5	88	30.1
M895110		72	3.7	16.3	62	32.7
M895111		77	5.7	17.4	127	32.6
M895112		78	1.7	17.4	139	33.2
M895113		72	2.6	17.7	66	31.6
M895114		75	3.3	21.7	83	26.8
M895115		76	2.7	14.5	49	28.6
M895116		74	2.0	15.1	51	27.7
M895117		76	2.2	15.5	56	28.0
M895118		76	2.4	15.9	49	30.5
M895119		58	5.4	10.5	5430	25.2
M895120		71	2.8	25.1	71	31.4
M895121		69	5.6	34.4	307	30.5
M895122		72	5.8	16.8	120	29.7
M895123		67	7.6	21.2	167	27.4
M895124		61	8.0	16.0	137	24.4
M895125		73	4.6	17.1	86	26.5
M895126		2	0.1	0.8	14	<0.5
M895127		77	2.7	22.5	75	28.0
M895128		72	3.7	17.6	81	23.8
M895129		70	3.1	20.3	82	22.8
M895130		69	3.2	18.3	89	24.5
M895131		77	2.1	15.7	66	24.7
M895132		83	2.7	17.6	69	28.5
M895133		77	2.8	17.3	60	24.2
M895134		77	3.5	18.6	162	30.7
M895135		72	3.1	20.0	368	23.2
M895136		78	3.2	20.2	295	27.2
M895137		81	2.6	17.1	172	28.9
M895138		79	2.9	18.7	161	26.8
M895139		77	3.7	15.8	98	25.2
M895140		77	3.1	16.9	62	24.4
M895141		78	4.7	21.2	53	27.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155848

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155849

Project: Klaza TR-12-2

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

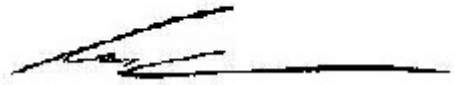
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155849

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895142		2.45	0.007	0.90	7.64	14.5	2050	1.50	0.65	1.56	0.48	49.7	9.4	18	6.57	17.4
M895143		2.53	0.086	2.80	7.64	85.4	1690	1.49	4.58	0.23	1.70	56.7	7.2	15	9.56	36.0
M895144		3.26	0.011	0.51	8.18	11.1	2180	1.51	0.55	0.36	0.58	50.9	6.1	13	11.10	17.5
M895145		2.87	0.028	1.38	8.02	34.8	1970	1.42	1.29	0.33	4.49	58.7	12.4	14	16.85	87.5
M895146		2.27	0.017	0.46	7.93	20.7	2280	1.49	0.60	0.33	2.04	49.5	8.1	12	25.5	17.3
M895147		3.42	0.008	0.31	7.92	8.3	2300	1.56	0.51	1.24	0.69	54.9	5.8	12	9.29	9.8
M895148		2.68	0.034	0.73	8.08	21.6	2320	1.54	1.34	0.36	1.01	54.0	6.2	14	15.75	37.2
M895149		3.41	0.015	0.37	8.40	13.2	2240	1.45	0.55	0.32	0.86	50.1	4.0	13	12.35	21.9
M895150		3.24	0.008	0.19	7.73	8.1	2250	1.56	0.51	1.66	0.28	50.7	7.2	21	6.32	13.2
M895151		3.28	0.078	9.72	7.57	172.0	2170	1.43	2.22	0.37	2.16	54.4	8.0	11	17.30	88.0
M895152		3.75	0.092	1.36	7.72	60.5	1750	1.75	0.74	0.43	3.97	58.5	6.8	13	22.3	34.4
M895153		2.56	0.021	0.64	8.24	26.0	1710	1.49	0.82	0.26	1.94	64.1	7.5	12	25.7	23.1
M895154		2.63	0.064	0.51	8.21	44.7	1410	1.53	1.43	0.23	1.78	58.5	8.0	14	18.15	33.1
M895155		2.57	0.442	1.01	7.27	130.0	2880	1.25	15.90	0.31	0.92	64.7	28.5	13	7.89	105.5
M895156		2.88	0.067	0.63	8.02	44.6	2170	1.63	1.39	0.28	0.68	64.6	6.8	15	10.10	42.9
M895157		2.05	0.051	0.79	7.47	52.1	1690	1.62	1.62	0.25	0.45	71.8	23.3	13	17.65	82.2
M895158		2.73	0.025	0.42	7.56	22.8	1730	1.51	0.98	1.21	0.58	67.2	10.5	26	7.96	28.9
M895159		4.10	0.054	0.34	7.59	14.6	2290	1.62	1.52	0.58	0.22	67.6	16.1	13	11.05	49.4
M895160		3.80	0.037	1.21	8.03	28.2	2340	1.77	1.80	0.49	0.53	69.2	20.1	16	10.40	75.3
M895161		3.44	0.033	0.36	7.30	15.9	2180	1.63	1.20	1.73	0.35	64.1	15.9	13	8.54	67.6
M895162		0.25	2.07	27.0	5.78	3290	1170	1.28	21.8	2.11	76.6	47.5	10.5	16	14.80	409
M895163		2.17	0.049	0.71	7.71	17.9	2090	1.62	1.97	1.16	0.43	65.6	10.7	9	10.30	77.0
M895164		4.61	0.041	0.75	7.68	30.7	1830	1.66	1.92	1.24	0.71	74.2	13.6	20	13.25	65.0
M895165		4.97	0.034	0.85	7.64	38.3	2050	1.67	1.25	0.79	0.68	64.3	9.2	8	16.90	70.2
M895166		4.97	0.254	9.48	6.69	148.0	2800	2.27	2.03	0.38	12.95	59.4	8.6	9	30.6	39.7
M895167		5.38	0.013	0.54	7.88	26.4	2080	1.61	0.51	0.42	4.71	70.7	7.0	7	21.1	14.6
M895168		5.06	0.014	0.38	7.79	10.4	2170	1.62	0.45	0.64	1.63	63.5	6.2	8	17.15	10.0
M895169		5.26	<0.005	0.03	0.13	<5	30	0.08	0.03	22.7	0.10	1.75	1.5	<1	0.46	3.3
M895170		4.76	0.056	1.12	7.18	68.8	2500	1.67	1.17	0.34	2.24	53.3	8.8	7	22.8	26.6
M895171		3.88	0.110	0.63	7.85	28.3	2210	1.75	1.57	0.62	0.62	69.7	7.1	7	12.25	72.2
M895172		3.89	0.318	1.98	7.34	99.7	1560	1.38	6.64	0.33	0.46	78.5	6.4	13	13.30	20.4
M895173		2.61	0.092	0.89	7.85	57.1	1720	1.58	2.36	0.50	0.58	56.5	9.4	12	17.20	98.8
M895174		4.80	0.117	0.92	7.76	43.5	2270	1.64	3.15	0.34	0.91	62.4	13.3	9	16.80	111.0
M895175		4.76	0.035	0.77	7.94	29.8	2270	1.38	1.86	0.26	0.89	51.8	11.0	8	16.10	79.2
M895176		3.94	0.187	1.37	7.26	96.1	1080	2.03	1.63	0.24	1.79	58.5	8.3	8	27.5	51.7
M897551		4.06	0.012	0.59	8.31	19.9	1500	1.94	1.22	0.36	0.62	83.0	6.6	12	23.7	16.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155849

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895142		3.57	17.20	0.12	1.0	0.105	2.28	24.8	15.9	0.79	686	2.07	1.86	7.9	6.7	660
M895143		4.17	18.20	0.14	1.0	0.258	3.00	32.6	16.7	0.25	692	11.55	0.16	7.4	3.7	550
M895144		3.07	19.20	0.13	1.1	0.088	2.71	23.3	18.1	0.21	596	4.73	0.86	8.3	4.2	670
M895145		4.98	17.95	0.15	1.0	0.223	2.74	34.6	20.4	0.21	1280	7.84	0.38	7.5	4.4	740
M895146		3.29	17.65	0.12	1.0	0.151	2.84	27.0	20.7	0.25	1010	9.59	0.37	7.6	3.8	650
M895147		3.32	17.15	0.13	1.0	0.109	2.61	28.1	14.3	0.67	513	2.46	2.01	7.7	4.0	650
M895148		3.29	18.80	0.13	1.0	0.222	2.96	29.6	16.4	0.29	561	10.45	0.90	8.5	3.7	680
M895149		2.86	20.8	0.13	1.0	0.124	2.78	21.3	21.4	0.18	442	7.91	0.42	9.8	3.1	710
M895150		3.30	17.00	0.13	1.2	0.092	2.54	25.4	13.3	0.78	571	2.17	2.12	8.2	6.1	650
M895151		3.65	17.85	0.14	1.0	0.169	3.14	31.0	21.8	0.36	1270	5.54	0.63	7.6	3.8	610
M895152		3.59	17.40	0.13	1.0	0.181	2.78	35.8	17.6	0.32	2330	7.57	0.44	7.9	4.8	640
M895153		3.50	16.85	0.17	1.1	0.125	2.66	31.9	27.7	0.17	863	5.17	0.20	8.1	3.6	640
M895154		3.64	16.70	0.16	1.1	0.119	2.41	28.2	30.7	0.17	958	5.10	0.12	8.1	3.5	610
M895155		5.41	13.50	0.19	0.9	0.440	3.22	40.1	12.1	0.29	435	20.6	1.32	6.1	4.6	510
M895156		3.89	17.05	0.18	1.2	0.176	2.94	31.7	20.5	0.22	546	4.18	0.50	8.8	3.6	640
M895157		3.44	16.35	0.18	1.2	0.187	2.81	41.9	19.3	0.20	668	3.05	0.36	7.8	3.9	580
M895158		3.43	15.60	0.17	1.2	0.140	2.38	33.9	18.5	0.66	683	1.79	1.56	8.6	9.4	670
M895159		3.33	15.85	0.18	1.2	0.247	2.60	33.6	14.8	0.75	488	1.76	2.05	8.0	4.1	610
M895160		3.97	17.25	0.19	1.2	0.261	2.92	29.1	16.9	0.96	496	3.04	1.74	9.1	4.4	660
M895161		3.33	16.25	0.18	1.1	0.139	2.74	30.6	14.8	0.72	493	1.36	2.05	8.1	4.3	590
M895162		6.32	13.25	0.18	0.9	1.725	2.48	22.8	24.5	0.87	1780	12.40	0.04	5.8	15.1	430
M895163		3.26	16.45	0.15	1.1	0.135	2.78	29.2	17.7	0.53	399	1.07	1.87	8.3	4.2	650
M895164		3.89	16.25	0.20	1.3	0.135	2.55	35.4	21.5	0.54	717	1.62	1.84	8.4	7.5	710
M895165		3.23	16.55	0.18	1.0	0.139	2.85	32.6	43.4	0.22	499	8.08	1.79	8.4	3.9	630
M895166		4.60	15.00	0.20	1.1	0.219	2.29	37.0	49.6	0.24	5570	5.03	0.27	7.9	5.3	570
M895167		3.35	16.95	0.17	1.2	0.094	2.82	34.2	35.6	0.23	835	1.64	0.75	8.4	3.4	640
M895168		3.07	16.95	0.16	1.2	0.090	2.68	27.6	18.9	0.26	484	1.46	1.15	8.5	3.0	630
M895169		0.53	0.36	0.06	<0.1	0.005	0.05	0.8	1.7	14.00	230	0.19	0.01	0.4	2.6	210
M895170		3.69	15.65	0.16	1.1	0.127	2.53	31.0	31.7	0.24	1250	2.90	0.47	7.3	3.2	570
M895171		3.35	17.55	0.18	1.3	0.253	2.96	32.7	17.6	0.28	494	2.54	1.40	8.6	2.9	660
M895172		3.59	17.90	0.20	1.1	0.259	3.31	45.1	12.8	0.36	363	3.33	0.30	6.9	3.4	450
M895173		4.14	16.90	0.20	1.2	0.300	3.01	30.1	24.0	0.39	431	2.98	1.15	8.3	3.8	750
M895174		3.95	16.35	0.19	1.2	0.207	2.86	32.5	20.4	0.21	544	2.63	0.95	8.0	3.5	690
M895175		3.63	16.55	0.16	1.3	0.169	2.72	26.0	28.6	0.16	386	2.05	0.79	8.3	3.3	600
M895176		3.85	15.65	0.18	1.1	0.181	2.48	30.1	46.6	0.24	2190	7.07	0.08	7.2	3.8	620
M897551		2.80	19.00	0.17	3.0	0.090	2.81	38.8	57.6	0.20	618	2.21	0.39	11.0	5.2	1010

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155849

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895142		27.7	95.9	<0.002	0.04	5.63	11.5	1	1.9	310	0.66	0.05	11.5	0.278	1.17	2.4
M895143		446	164.0	<0.002	0.04	12.75	11.6	1	4.5	52.3	0.62	0.76	12.9	0.249	2.37	2.8
M895144		27.0	117.5	0.002	0.01	7.23	11.9	1	2.1	118.0	0.70	<0.05	13.1	0.270	1.41	2.4
M895145		467	125.0	<0.002	0.04	12.05	12.2	1	2.1	76.5	0.61	0.20	15.0	0.264	1.89	4.0
M895146		25.3	131.5	0.002	0.03	8.02	11.5	1	1.9	75.9	0.62	<0.05	13.0	0.254	1.77	2.9
M895147		24.4	111.5	<0.002	0.01	2.85	11.4	<1	1.9	323	0.62	0.13	13.9	0.260	1.45	2.4
M895148		38.6	133.0	0.002	0.04	7.37	12.1	1	2.2	123.0	0.74	0.30	14.5	0.272	1.74	3.2
M895149		25.5	130.0	<0.002	0.01	9.19	12.5	1	2.3	89.1	0.77	0.06	14.8	0.291	1.51	2.5
M895150		23.8	101.0	<0.002	0.07	4.02	11.1	1	1.9	347	0.77	0.06	13.6	0.277	1.26	2.7
M895151		249	159.0	0.002	0.04	17.70	12.1	1	3.2	110.5	0.60	0.21	14.3	0.241	2.06	3.0
M895152		173.0	130.0	<0.002	0.04	10.35	11.2	1	2.1	87.9	0.67	0.07	15.9	0.260	2.34	2.9
M895153		29.5	127.5	<0.002	0.02	9.31	13.5	1	2.1	48.4	0.70	0.09	18.6	0.262	1.57	3.5
M895154		24.8	121.5	<0.002	0.02	15.90	13.8	1	2.1	43.5	0.67	0.49	18.7	0.274	1.54	3.4
M895155		25.1	166.0	<0.002	0.07	7.15	10.4	2	4.2	121.5	0.45	7.93	14.9	0.200	1.86	3.8
M895156		21.4	152.5	<0.002	0.03	9.23	14.6	2	2.8	89.3	0.71	0.23	18.1	0.272	1.73	3.4
M895157		22.2	148.0	<0.002	0.06	21.4	12.5	2	2.5	55.4	0.78	0.49	19.0	0.240	1.89	4.2
M895158		29.8	107.0	<0.002	0.02	5.27	13.6	1	2.3	260	0.70	0.26	14.2	0.317	1.16	2.9
M895159		17.8	136.5	<0.002	0.14	2.67	13.1	1	2.5	194.0	0.73	0.59	19.6	0.248	1.58	3.7
M895160		38.4	166.5	<0.002	0.10	4.60	14.6	2	3.3	167.5	0.82	0.48	19.7	0.270	1.79	4.2
M895161		23.9	110.0	<0.002	0.16	1.96	13.1	2	2.1	339	0.75	0.38	16.2	0.258	1.16	3.2
M895162		2600	156.5	0.002	4.55	93.7	8.6	2	8.6	87.3	0.48	0.83	12.3	0.171	2.40	6.1
M895163		34.0	123.5	<0.002	0.06	4.17	13.1	2	2.4	274	0.75	0.32	18.7	0.269	1.34	3.2
M895164		51.1	113.0	<0.002	0.04	3.81	14.0	2	2.3	282	0.77	0.30	17.6	0.305	1.26	3.7
M895165		43.0	135.0	0.002	0.04	5.20	12.6	2	2.7	245	0.72	0.32	16.9	0.267	1.52	3.5
M895166		2930	117.5	<0.002	0.21	19.60	12.8	2	3.4	110.5	0.62	0.20	15.1	0.244	2.28	4.6
M895167		45.3	135.5	<0.002	0.01	7.69	13.1	1	2.0	133.0	0.72	0.08	19.8	0.262	1.59	3.2
M895168		39.2	109.0	<0.002	0.01	4.64	12.9	1	2.0	168.5	0.74	0.10	17.6	0.267	1.39	2.7
M895169		1.9	2.8	<0.002	0.01	0.24	0.5	1	<0.2	47.9	<0.05	<0.05	0.2	0.005	0.02	1.0
M895170		111.5	138.5	<0.002	0.13	17.05	11.3	1	2.5	97.0	0.65	0.19	16.0	0.238	1.90	3.2
M895171		27.7	163.5	<0.002	0.07	8.98	13.1	1	2.9	190.0	0.76	0.32	21.2	0.264	1.86	3.4
M895172		55.6	203	<0.002	0.06	6.99	12.6	2	8.4	70.6	0.62	2.13	13.0	0.244	2.58	2.8
M895173		27.2	164.0	<0.002	0.09	10.20	12.8	2	2.9	175.5	0.73	0.52	19.2	0.270	2.02	4.6
M895174		40.8	149.5	<0.002	0.12	14.30	13.0	1	2.7	135.5	0.75	0.45	20.5	0.254	1.93	4.2
M895175		32.6	108.5	<0.002	0.05	11.30	12.7	1	2.3	135.0	0.79	0.20	18.7	0.268	1.49	3.8
M895176		81.4	147.5	<0.002	0.10	21.5	11.9	1	2.7	54.4	0.64	0.23	16.8	0.236	2.28	4.4
M897551		33.4	123.0	<0.002	0.02	7.26	9.1	1	2.2	84.9	0.86	0.10	16.7	0.305	1.59	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155849

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895142		85	3.1	15.9	65	27.8
M895143		74	5.7	16.7	334	23.9
M895144		76	6.0	16.5	73	26.5
M895145		77	1.9	23.4	461	23.4
M895146		72	3.8	18.5	124	22.3
M895147		76	1.7	13.4	62	22.8
M895148		77	2.6	21.1	87	22.5
M895149		78	8.3	16.6	73	24.2
M895150		80	1.4	14.8	47	27.7
M895151		71	3.0	25.5	244	23.3
M895152		75	2.4	22.0	350	24.8
M895153		73	3.2	20.4	214	25.4
M895154		79	8.9	18.4	202	24.8
M895155		60	5.7	17.4	158	23.2
M895156		79	4.4	23.4	76	26.1
M895157		69	2.3	24.4	81	23.7
M895158		84	2.4	20.0	93	31.2
M895159		72	2.1	18.0	54	26.3
M895160		82	2.5	21.8	99	27.0
M895161		73	1.3	20.4	49	22.7
M895162		54	5.2	9.9	5140	24.6
M895163		75	1.3	18.5	65	23.0
M895164		85	1.7	22.0	96	28.8
M895165		73	1.5	21.0	79	23.0
M895166		68	5.0	30.3	1020	31.0
M895167		75	1.8	19.8	290	26.6
M895168		75	1.6	17.5	127	27.1
M895169		3	0.1	1.0	17	<0.5
M895170		69	2.4	22.6	141	23.5
M895171		75	1.8	19.9	71	28.7
M895172		75	7.5	14.3	50	24.5
M895173		75	2.1	21.3	60	26.5
M895174		72	3.7	21.4	77	25.4
M895175		72	1.6	18.2	82	26.7
M895176		69	4.2	18.3	134	26.5
M897551		62	1.5	16.8	98	95.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155849

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155870

Project: Klaza TR-12-2

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

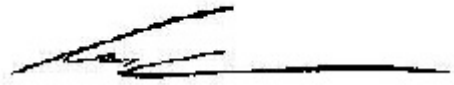
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155870

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897552		4.39	0.006	0.37	8.28	20.7	2470	1.89	0.36	0.45	1.20	91.0	5.1	15	21.6	15.1
M897553		4.30	0.006	0.28	8.36	12.2	2070	2.24	0.26	0.41	1.09	88.4	5.0	14	28.0	10.0
M897554		6.85	0.006	0.30	8.54	12.3	1790	2.03	0.22	0.44	3.57	87.2	4.6	12	30.0	7.5
M897555		4.90	<0.005	0.12	8.09	9.4	1430	2.02	0.13	0.56	1.02	92.3	4.7	11	24.1	4.3
M897556		5.38	<0.005	0.15	8.65	10.4	1620	2.29	0.13	0.45	0.48	87.8	4.5	12	29.0	6.2
M897557		6.57	<0.005	0.16	8.30	11.7	1990	2.16	0.13	0.81	0.30	92.3	5.1	13	44.8	6.5
M897558		3.45	0.073	1.15	8.62	51.7	2150	2.00	1.05	0.47	1.67	63.3	6.7	14	40.3	21.6
M897559		4.31	0.312	1.08	8.37	45.4	1970	2.02	1.09	0.45	1.95	67.6	5.6	12	31.9	18.2
M897560		3.46	0.511	1.64	7.91	78.9	4280	1.78	2.07	0.36	4.39	55.9	8.3	12	38.2	21.0
M897561		4.09	0.012	0.32	8.41	15.6	2200	1.62	1.37	0.58	0.85	64.3	5.2	13	23.2	8.9
M897562		3.04	0.025	0.64	7.60	23.5	4570	1.43	1.40	1.02	1.48	52.7	5.7	10	38.0	30.2
M897563		7.11	0.042	0.93	7.94	30.8	3900	1.69	0.88	0.49	2.40	65.0	5.5	11	21.1	38.7
M897564		3.56	0.025	1.67	7.97	38.0	3070	1.62	1.04	0.64	4.51	59.9	6.7	12	22.5	25.7
M897565		5.10	0.178	4.63	7.76	83.9	2550	1.49	1.78	0.23	4.06	64.4	4.3	14	24.1	19.5
M897566		4.11	<0.005	0.15	6.69	12.1	1150	1.66	0.16	2.90	1.70	50.2	4.5	13	22.3	3.8
M897567		5.63	0.021	0.41	8.55	20.9	1720	2.05	0.24	0.77	7.09	85.8	4.6	15	30.7	9.4
M897568		3.53	0.106	1.56	8.30	66.5	1970	1.86	0.63	0.38	9.46	85.3	5.4	17	25.4	37.9
M897569		0.26	2.31	25.1	5.86	3210	1510	1.20	20.8	2.18	76.3	47.0	9.7	19	13.75	425
M897570		3.12	1.005	19.30	6.84	433	2820	1.26	6.30	0.27	8.74	55.1	2.0	16	15.10	31.6
M897571		5.00	0.112	4.33	7.76	164.0	1880	1.50	2.13	0.37	7.18	65.0	1.9	12	17.75	86.7
M897572		3.21	0.123	8.14	6.97	154.5	1610	1.38	2.44	0.65	6.85	61.8	5.2	23	9.96	47.2
M897573		3.84	<0.005	0.05	0.10	5	30	0.09	0.04	20.2	0.09	1.34	0.6	1	0.25	2.8
M897574		5.07	0.220	16.80	7.37	133.0	2160	1.75	3.01	0.67	15.80	72.3	10.8	19	13.50	74.4
M897575		6.00	0.343	11.85	7.47	153.0	1820	1.43	3.51	0.66	14.50	71.7	9.3	19	12.65	64.1
M897576		6.51	0.066	2.91	7.68	72.6	2210	1.57	2.62	0.88	5.39	60.3	8.8	17	9.16	50.9
M897577		6.48	0.548	12.35	6.42	306	2430	1.84	3.23	0.60	18.50	55.8	7.1	20	15.00	114.5
M897578		6.43	0.044	1.30	7.42	52.7	1620	1.44	1.24	0.87	8.42	60.2	11.0	24	6.99	53.7
M897579		4.50	0.243	5.91	7.10	162.5	1980	1.63	2.57	0.75	8.07	67.2	8.6	22	8.70	65.4
M897580		4.40	0.053	1.29	7.52	45.1	1880	1.40	2.39	0.77	3.88	54.8	8.0	22	9.24	71.0
M897581		5.80	0.043	1.16	7.35	48.1	1490	1.39	0.86	1.38	2.83	54.4	11.4	37	9.12	33.2
M897582		5.46	0.062	0.98	7.66	68.0	1810	1.57	1.42	1.32	3.76	61.9	22.7	29	13.65	41.2
M897583		4.41	0.093	1.01	7.77	58.3	2080	1.61	1.88	0.86	6.10	63.9	22.4	21	14.35	51.1
M897584		5.81	0.110	1.97	8.03	113.0	1910	1.64	2.30	0.74	9.54	66.9	18.4	20	18.80	88.2
M897585		4.29	0.050	2.19	8.20	122.0	2410	1.82	1.85	0.42	9.65	65.0	19.7	16	21.8	77.7
M897586		4.78	0.127	2.40	7.70	127.0	1740	1.45	1.78	1.06	4.85	61.0	15.5	25	12.65	72.0
M897587		3.77	0.046	0.82	7.98	39.6	2000	1.70	2.58	0.48	3.44	61.9	23.9	18	17.50	81.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897552		2.77	20.4	0.17	3.2	0.050	2.54	48.5	42.4	0.25	566	1.97	0.82	11.3	6.6	1070
M897553		2.84	21.1	0.17	2.8	0.039	2.60	46.5	29.1	0.25	550	1.46	1.38	11.0	6.0	1110
M897554		2.85	21.1	0.19	2.2	0.042	2.61	47.3	36.2	0.25	572	1.09	1.32	10.2	5.1	1120
M897555		2.72	20.0	0.16	2.2	0.035	2.49	46.5	23.0	0.23	564	0.91	1.51	10.2	4.7	1080
M897556		2.81	21.1	0.17	2.2	0.039	2.50	45.5	27.9	0.23	559	0.90	1.69	10.4	4.6	1130
M897557		2.76	21.4	0.19	2.8	0.036	2.61	45.5	29.6	0.23	553	1.55	1.85	11.5	5.7	1090
M897558		3.25	19.25	0.15	1.8	0.110	3.50	31.7	85.0	0.27	1320	5.31	1.04	8.7	5.0	730
M897559		3.06	19.35	0.13	1.6	0.096	3.32	35.0	83.8	0.25	1330	2.68	1.28	9.0	4.9	710
M897560		3.85	16.85	0.14	1.1	0.155	3.55	30.3	35.6	0.28	1250	2.68	0.38	7.2	4.2	620
M897561		3.62	18.35	0.14	1.2	0.133	2.76	33.9	42.0	0.18	578	1.76	1.58	8.5	3.8	730
M897562		3.37	16.75	0.13	1.1	0.141	2.75	27.5	78.5	0.21	1020	2.42	0.24	7.1	3.7	560
M897563		3.17	17.40	0.18	1.4	0.100	3.33	32.9	72.0	0.23	1080	1.66	0.95	7.9	3.6	620
M897564		3.94	17.70	0.15	1.2	0.125	2.99	33.4	60.5	0.25	1140	2.11	1.14	7.8	4.1	660
M897565		3.10	17.25	0.12	1.4	0.208	2.99	35.8	34.8	0.29	596	3.61	0.31	8.3	3.9	460
M897566		2.63	18.50	0.14	2.7	0.032	2.35	23.1	21.7	0.21	591	1.11	1.42	10.5	5.0	980
M897567		2.87	20.9	0.18	2.9	0.065	2.63	44.4	26.7	0.27	615	1.20	1.33	11.2	6.3	1130
M897568		4.23	19.80	0.17	3.5	0.606	2.76	44.3	39.8	0.25	465	4.51	0.24	11.1	6.3	1180
M897569		6.70	13.75	0.13	1.0	1.595	2.53	24.6	23.1	0.91	1830	12.50	0.04	5.5	14.9	430
M897570		5.86	15.90	0.14	1.2	0.815	2.98	37.4	17.8	0.36	223	7.93	0.24	6.0	3.4	590
M897571		4.64	17.60	0.16	1.2	0.555	3.33	39.9	20.4	0.30	188	2.74	0.71	7.5	3.1	630
M897572		3.93	15.90	0.10	1.3	0.389	2.80	36.1	16.5	0.45	448	3.63	0.72	7.4	5.8	520
M897573		0.48	0.24	<0.05	<0.1	0.008	0.04	0.7	1.4	12.00	213	0.10	0.01	0.2	1.9	170
M897574		4.79	17.55	0.09	2.3	0.533	2.54	40.5	30.1	0.38	1130	3.71	0.62	8.8	7.7	880
M897575		4.68	18.55	0.12	1.8	0.518	2.70	41.2	25.7	0.41	1040	4.64	0.70	8.3	7.7	760
M897576		4.50	17.75	0.12	1.0	0.223	3.21	36.0	26.9	0.50	491	5.06	1.25	7.6	5.5	620
M897577		5.84	14.75	0.10	1.3	3.27	2.20	30.5	29.0	0.38	1540	5.41	0.63	6.6	7.6	580
M897578		3.47	16.15	0.09	1.2	0.207	2.37	31.2	26.7	0.46	1410	1.84	0.96	7.7	8.6	610
M897579		4.53	15.75	0.13	1.2	0.816	2.41	36.8	25.1	0.43	707	4.83	0.88	7.7	7.8	540
M897580		4.05	18.80	0.13	1.3	0.177	2.79	33.8	13.4	0.40	395	3.51	1.20	9.2	7.7	620
M897581		3.32	17.65	0.12	1.5	0.129	2.06	32.2	14.0	0.66	694	1.70	1.63	9.2	13.7	640
M897582		3.80	18.80	0.13	1.4	0.212	2.34	36.6	14.8	0.67	802	2.31	1.72	9.7	11.8	650
M897583		4.07	19.40	0.14	1.5	0.200	2.66	35.2	14.7	0.61	999	2.52	1.55	9.1	8.8	740
M897584		4.72	20.2	0.15	1.5	0.427	2.86	39.5	15.4	0.47	1130	3.94	1.26	9.6	8.2	770
M897585		4.43	22.0	0.16	1.2	0.368	3.13	41.0	15.9	0.32	1400	4.60	0.73	9.4	6.9	710
M897586		3.94	18.95	0.13	1.2	0.365	2.76	37.3	10.4	0.57	936	4.72	1.28	8.6	8.8	600
M897587		3.78	22.3	0.15	1.2	0.282	2.82	37.4	15.2	0.44	790	6.98	1.16	9.5	7.0	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897552		37.2	127.0	<0.002	0.04	5.35	6.7	1	2.0	122.5	0.80	<0.05	14.4	0.303	1.41	5.1
M897553		21.9	131.0	<0.002	0.03	3.37	7.0	1	1.6	158.5	0.79	<0.05	14.6	0.289	1.34	4.4
M897554		30.3	127.5	<0.002	0.02	2.71	6.8	2	1.8	156.0	0.74	<0.05	14.7	0.265	1.28	3.6
M897555		19.2	122.0	<0.002	0.01	1.97	6.1	1	1.8	174.0	0.72	<0.05	13.9	0.263	1.18	3.6
M897556		22.3	121.5	<0.002	0.01	1.99	6.8	2	1.5	219	0.76	<0.05	14.2	0.267	1.12	3.5
M897557		25.1	130.5	<0.002	0.02	1.97	7.1	1	1.5	258	0.77	<0.05	13.9	0.287	1.13	3.9
M897558		73.5	171.5	0.002	0.05	4.87	11.7	1	2.4	157.0	0.70	0.06	17.1	0.284	1.94	4.3
M897559		60.9	177.5	<0.002	0.07	4.89	11.8	1	2.3	192.0	0.76	0.08	18.7	0.273	2.32	3.6
M897560		111.5	189.5	<0.002	0.14	5.80	11.2	<1	2.7	113.5	0.64	0.24	16.1	0.258	2.52	3.2
M897561		20.9	133.0	<0.002	0.03	2.39	12.2	1	2.2	217	0.75	<0.05	17.5	0.292	1.43	3.3
M897562		42.9	151.5	<0.002	0.10	3.51	10.6	2	2.5	153.0	0.58	0.11	14.5	0.237	1.61	3.1
M897563		49.3	179.0	0.002	0.10	4.03	10.5	1	2.7	171.5	0.77	0.06	18.4	0.250	2.01	3.3
M897564		82.9	158.5	<0.002	0.08	4.16	11.1	1	4.1	193.5	0.70	0.08	18.5	0.253	1.51	3.2
M897565		636	191.5	<0.002	0.10	9.77	10.7	<1	3.8	77.4	0.65	0.15	13.2	0.254	2.33	2.7
M897566		23.8	88.6	<0.002	0.01	2.72	4.6	1	1.4	256	0.74	<0.05	8.1	0.278	1.09	2.7
M897567		38.6	123.0	<0.002	0.02	3.55	7.0	1	2.0	191.0	0.80	<0.05	13.9	0.298	1.30	4.5
M897568		239	125.5	<0.002	0.10	5.21	7.0	1	2.3	86.3	0.75	0.05	14.4	0.313	1.37	6.3
M897569		2740	166.5	0.003	4.73	90.9	7.6	1	7.8	87.2	0.45	0.39	11.8	0.178	2.29	5.7
M897570		1605	187.5	<0.002	0.48	21.3	9.3	2	6.0	103.5	0.54	1.84	11.9	0.220	2.34	4.0
M897571		435	210	<0.002	0.32	14.10	11.8	1	4.0	145.5	0.67	0.56	20.2	0.252	2.26	5.3
M897572		830	164.5	0.003	0.15	12.60	10.4	1	4.9	142.5	0.70	0.69	12.0	0.273	2.08	3.7
M897573		3.4	1.9	<0.002	<0.01	0.13	0.3	<1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897574		2100	131.5	0.002	0.39	13.80	8.9	1	3.4	167.0	0.68	0.75	13.8	0.285	1.68	5.4
M897575		1060	151.5	0.003	0.26	14.50	10.1	2	3.9	158.5	0.64	1.10	13.5	0.284	1.82	4.9
M897576		110.5	173.0	0.002	0.51	6.34	11.7	1	2.9	256	0.63	0.78	14.8	0.272	2.13	3.6
M897577		1540	137.0	<0.002	0.15	17.05	9.8	1	4.5	156.0	0.56	0.55	11.3	0.240	1.63	4.8
M897578		238	113.0	0.002	0.04	7.84	10.8	1	2.3	186.0	0.66	0.20	13.5	0.301	1.44	3.4
M897579		658	134.0	<0.002	0.08	9.87	11.1	1	3.6	173.0	0.61	0.38	13.3	0.279	1.71	4.4
M897580		75.8	134.0	0.002	0.08	6.20	10.4	1	2.7	204	0.69	0.40	16.3	0.280	1.51	4.0
M897581		99.6	89.9	0.002	0.01	4.13	10.9	1	2.3	283	0.64	0.11	12.2	0.318	0.92	2.7
M897582		94.4	107.0	0.002	0.03	4.10	12.0	1	2.4	292	0.67	0.27	14.4	0.310	1.11	3.3
M897583		83.4	127.5	0.002	0.04	5.11	11.8	1	2.5	252	0.68	0.28	16.7	0.286	1.42	3.6
M897584		322	138.5	0.002	0.03	6.94	12.2	1	3.3	218	0.67	0.30	17.9	0.294	1.69	4.8
M897585		316	166.5	0.002	0.05	8.64	12.4	1	3.3	139.0	0.69	0.22	18.5	0.273	2.26	4.9
M897586		237	139.5	0.003	0.04	8.43	10.8	1	3.2	230	0.63	0.25	16.9	0.279	1.72	4.1
M897587		50.8	142.0	0.002	0.03	5.59	12.8	1	2.9	159.5	0.68	0.48	18.4	0.262	1.75	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897552		54	1.5	16.8	142	100.5
M897553		53	1.0	15.8	142	91.3
M897554		49	1.0	15.6	279	57.6
M897555		46	1.3	15.4	144	63.4
M897556		50	1.1	16.8	120	60.2
M897557		51	1.2	16.5	101	89.7
M897558		76	4.8	19.3	200	48.5
M897559		74	4.6	18.9	154	41.5
M897560		75	3.2	19.4	311	24.8
M897561		80	2.0	19.5	103	25.9
M897562		68	2.5	19.5	128	25.7
M897563		69	4.4	16.3	134	29.9
M897564		74	1.9	17.1	228	28.2
M897565		69	3.8	11.7	465	36.3
M897566		48	1.1	10.3	167	83.0
M897567		56	1.4	15.7	849	95.8
M897568		58	1.9	15.7	1800	126.5
M897569		55	5.2	10.0	5130	25.4
M897570		73	5.4	12.7	658	32.1
M897571		75	2.9	16.2	1030	27.6
M897572		84	4.0	15.0	655	27.7
M897573		1	0.1	0.8	17	<0.5
M897574		74	2.7	17.4	1220	66.9
M897575		78	3.3	16.3	1000	52.8
M897576		81	2.3	16.4	416	23.1
M897577		69	3.4	14.5	1860	31.4
M897578		80	2.8	15.3	662	26.7
M897579		77	3.2	16.2	939	27.6
M897580		76	2.2	18.5	485	33.5
M897581		88	2.1	19.8	201	40.9
M897582		86	2.7	24.0	259	36.5
M897583		86	3.1	21.6	500	40.3
M897584		87	2.7	24.4	980	37.5
M897585		82	2.8	25.2	1060	27.2
M897586		80	3.3	22.3	457	32.6
M897587		78	3.9	26.2	369	29.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155870

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155871

Project: Klaza TR-12-2

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155871

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M897588		5.76	0.083		0.76	7.72	45.3	1850	1.38	1.77	1.28	1.22	59.7	18.1	28	9.79
M897589		5.33	0.051		0.88	7.47	46.6	1630	1.80	1.20	1.38	1.09	68.1	11.9	30	9.05
M897590		5.91	0.034		0.97	7.63	34.2	2000	1.64	0.97	1.40	0.62	58.4	7.9	22	5.95
M897591		6.29	0.066		1.08	6.97	72.7	1880	1.57	1.03	1.25	1.18	61.7	8.1	28	5.90
M897592		5.37	0.089		0.98	7.37	59.8	1810	1.68	0.88	1.50	1.01	57.0	9.6	24	4.80
M897593		0.25	2.27		26.3	5.69	3270	1510	1.36	16.85	2.13	72.7	48.6	10.4	18	14.55
M897594		4.20	0.146		2.26	7.57	134.5	2410	2.10	1.48	0.41	8.83	65.3	34.8	14	22.2
M897595		4.56	0.068		0.77	7.34	93.0	2010	1.98	0.66	0.92	2.57	61.6	9.7	16	9.52
M897596		4.07	0.646		2.65	7.28	1760	1540	2.21	0.72	0.40	5.33	54.6	6.9	14	15.70
M897597		3.03	0.075		1.47	7.39	234	2000	2.05	0.65	0.75	2.49	52.0	8.9	17	11.45
M897598		4.04	0.054		0.97	7.84	93.1	2230	2.11	0.98	0.41	4.13	53.1	7.6	12	19.25
M897599		4.48	0.062		0.99	8.32	84.8	2110	1.65	2.71	0.36	4.20	57.6	11.0	13	19.35
M897600		4.09	0.189		1.79	8.07	301	2150	1.62	1.85	0.85	5.07	55.9	7.3	15	13.25
M897601		3.83	0.131		1.80	8.01	159.0	2020	1.56	2.36	0.96	4.08	57.2	8.2	25	11.00
M897602		3.64	0.080		1.60	7.97	113.0	1910	1.54	1.86	1.16	3.40	59.9	7.1	21	9.30
M897603		4.30	0.154		2.09	7.88	317	1940	1.60	1.03	0.39	8.46	48.4	6.5	15	22.3
M897604		3.74	0.138		2.08	7.63	188.5	1730	1.58	1.26	0.98	5.75	57.1	7.7	23	12.15
M897605		3.49	0.104		1.39	8.38	105.0	2060	1.50	0.96	0.41	4.94	49.3	5.7	16	15.35
M897606		4.37	0.111		1.29	8.01	113.5	1950	1.55	1.34	1.32	2.99	55.3	8.6	21	8.23
M897607		4.10	0.151		2.74	8.39	251	1860	1.89	2.11	0.55	7.22	57.1	11.0	19	20.3
M897608		4.06	0.765		3.62	7.57	1165	1720	1.64	2.59	1.13	8.07	56.0	9.1	22	8.29
M897609		3.39	0.206		2.46	8.12	258	2060	1.70	3.40	1.05	3.23	54.3	12.9	18	11.55
M897610		4.40	0.164		1.61	8.02	274	1860	1.72	2.34	1.06	3.79	65.7	18.7	21	10.20
M897611		3.51	0.262		3.45	7.51	349	1910	1.49	2.40	1.32	3.38	55.6	13.7	27	6.41
M897612		3.40	0.391		4.04	7.79	807	2350	1.38	3.36	0.42	7.54	47.4	15.6	16	9.95
M897613		4.54	0.604		4.50	7.48	716	2270	1.62	3.34	0.60	9.71	56.4	22.3	17	8.04
M897614		3.62	0.544		9.70	7.84	1035	1740	1.52	4.67	0.55	5.70	56.1	9.3	14	12.55
M897615		4.61	>10.0	10.85	93.6	7.38	8500	1510	1.19	54.0	0.21	12.40	46.6	1.7	13	18.20
M897616		4.11	0.006		0.23	0.11	8	20	0.09	0.14	20.3	0.09	1.15	0.8	2	0.34
M897617		3.67	0.231		2.64	8.10	1550	1740	1.89	3.06	0.68	15.65	60.9	9.4	18	12.40
M897618		4.58	0.091		0.85	7.45	112.0	1830	1.61	2.17	1.20	3.24	54.7	10.7	22	7.33
M897619		3.14	0.197		1.34	7.74	300	2110	1.46	4.14	0.72	4.82	60.1	11.1	19	11.40
M897620		4.28	0.105		0.73	8.13	242	2270	1.50	2.30	0.70	3.29	64.0	11.3	17	12.45
M897621		5.04	0.221		1.93	8.09	615	2480	1.89	5.06	0.54	6.43	71.3	14.3	16	13.60
M897622		5.40	0.490		3.06	8.30	921	1800	1.57	5.09	0.34	7.18	64.8	12.1	15	15.70
M897623		6.16	0.122		1.42	8.54	183.5	1970	1.44	2.09	0.30	2.70	59.2	7.7	14	26.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155871

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M897588		43.5	3.91	19.35	0.18	1.3	0.218	2.48	34.8	15.8	0.84	736	4.57	1.88	9.5	11.4
M897589		37.8	3.61	16.80	0.13	1.2	0.187	2.28	39.0	18.3	0.78	965	5.08	1.67	9.0	10.4
M897590		24.7	3.43	16.55	0.14	1.1	0.156	2.50	31.0	15.2	0.79	582	2.84	2.03	9.3	6.9
M897591		25.9	3.16	15.55	0.15	1.1	0.216	2.55	31.4	14.7	0.73	648	2.43	1.52	8.7	7.7
M897592		21.6	3.36	15.75	0.15	1.0	0.154	2.40	30.4	15.1	0.77	586	2.20	1.91	8.5	6.9
M897593		413	6.49	13.70	0.19	0.9	1.650	2.47	27.7	23.3	0.87	1820	13.20	0.05	6.2	14.2
M897594		66.3	4.43	17.60	0.19	1.1	0.294	3.12	39.7	17.7	0.39	1380	5.42	0.74	8.5	5.1
M897595		31.6	3.07	16.35	0.15	1.1	0.132	2.82	32.4	19.5	0.50	687	1.82	1.54	8.3	4.9
M897596		30.6	3.89	16.90	0.17	1.2	0.120	3.21	33.9	19.1	0.34	1150	2.77	0.42	7.8	3.4
M897597		21.2	3.62	16.80	0.16	1.1	0.134	2.75	27.4	20.2	0.67	743	1.96	1.32	9.0	5.0
M897598		26.8	3.67	17.95	0.16	0.9	0.134	2.66	27.2	26.9	0.33	888	2.70	1.04	8.6	4.2
M897599		29.0	3.71	18.15	0.14	1.0	0.158	2.91	33.9	17.3	0.19	649	3.28	1.14	8.3	4.2
M897600		46.0	3.88	17.90	0.16	1.0	0.185	2.92	32.6	17.0	0.41	588	3.30	1.40	7.8	4.9
M897601		43.7	3.73	17.10	0.14	1.0	0.212	2.74	32.7	17.1	0.63	666	2.26	1.71	8.2	6.9
M897602		25.5	3.36	17.40	0.13	1.1	0.155	2.53	32.2	16.2	0.60	619	2.04	1.76	8.5	7.6
M897603		30.7	3.71	17.00	0.12	1.1	0.154	2.87	26.6	14.0	0.24	684	3.90	1.11	7.6	4.6
M897604		36.5	3.57	15.90	0.13	1.2	0.146	2.56	31.9	14.9	0.46	661	2.55	1.40	8.1	7.5
M897605		43.9	3.39	17.15	0.10	1.1	0.149	2.74	26.1	24.4	0.38	549	2.58	1.05	8.3	4.5
M897606		42.6	3.51	16.20	0.15	1.2	0.149	2.48	28.0	14.3	0.67	630	2.93	1.83	8.2	7.5
M897607		89.9	4.27	17.60	0.15	1.0	0.233	2.59	35.9	19.6	0.34	872	3.17	0.97	7.8	5.8
M897608		85.0	3.60	16.25	0.13	1.0	0.183	2.51	33.7	15.8	0.59	668	2.65	1.56	8.4	7.6
M897609		117.5	4.02	17.00	0.14	0.9	0.209	2.60	27.9	18.9	0.88	725	3.52	1.27	8.1	6.3
M897610		94.6	3.61	16.45	0.15	1.1	0.199	2.45	34.5	17.0	0.58	790	3.30	1.71	8.4	6.9
M897611		79.5	3.66	15.40	0.13	1.1	0.176	2.46	30.4	14.9	0.68	624	2.19	1.69	8.2	8.0
M897612		97.1	4.85	16.45	0.12	1.0	0.196	3.26	30.5	16.8	0.46	390	3.76	1.06	6.8	4.0
M897613		104.0	4.11	16.10	0.14	1.1	0.249	3.09	33.2	12.8	0.50	672	4.80	1.18	7.5	5.1
M897614		272	4.35	16.30	0.13	1.0	0.419	2.76	31.1	17.0	0.39	393	3.66	1.22	7.9	3.6
M897615		299	4.77	16.15	0.10	1.0	1.105	3.07	29.7	18.9	0.25	143	3.01	0.42	7.5	2.1
M897616		3.7	0.47	0.31	0.06	<0.1	0.005	0.04	0.6	1.4	12.05	210	0.13	0.01	0.1	2.1
M897617		218	4.57	17.35	0.17	1.2	0.278	3.07	38.5	14.6	0.38	584	2.19	1.15	8.4	5.3
M897618		39.0	3.32	15.65	0.12	1.2	0.143	2.48	28.9	13.9	0.63	605	1.50	1.68	8.2	7.6
M897619		53.8	4.15	16.05	0.12	1.3	0.171	2.67	32.3	18.7	0.36	773	2.32	1.13	8.6	6.1
M897620		53.1	3.57	19.80	0.20	1.2	0.164	2.79	35.0	19.3	0.36	651	2.54	1.58	9.4	5.4
M897621		101.0	4.60	18.90	0.18	1.3	0.231	2.84	43.0	20.8	0.29	765	2.72	0.94	10.2	6.6
M897622		115.0	4.97	21.6	0.19	1.2	0.228	3.01	37.9	19.6	0.29	845	2.75	0.49	9.0	7.1
M897623		52.4	4.61	20.4	0.18	1.1	0.192	2.98	33.8	18.4	0.23	972	1.69	0.31	9.1	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155871

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M897588		670	58.6	132.0	<0.002	0.05	4.09	15.3	1	2.4	276	0.79	0.40	14.8	0.327	1.39
M897589		630	57.7	129.5	<0.002	0.03	3.88	13.1	<1	2.0	276	0.66	0.18	13.9	0.310	1.25
M897590		620	48.9	125.5	<0.002	0.05	2.93	11.7	<1	1.9	299	0.68	0.09	13.7	0.294	1.23
M897591		570	87.2	137.5	<0.002	0.04	3.83	11.1	<1	2.3	251	0.63	0.11	12.5	0.290	1.44
M897592		700	77.5	116.5	<0.002	0.05	3.54	11.5	<1	2.1	300	0.64	0.09	12.5	0.289	1.19
M897593		410	2640	168.0	<0.002	4.70	76.9	8.1	<1	7.2	87.1	0.45	0.35	10.8	0.173	2.19
M897594		650	409	190.0	<0.002	0.08	7.55	14.4	<1	2.8	106.0	0.67	0.26	17.3	0.247	2.36
M897595		600	94.3	148.5	<0.002	0.05	3.79	11.7	<1	1.9	227	0.64	0.09	15.7	0.257	1.51
M897596		530	345	205	<0.002	0.04	12.05	11.4	<1	6.3	76.3	0.65	<0.05	15.8	0.228	2.25
M897597		600	162.5	143.5	<0.002	0.03	4.59	12.5	<1	2.9	180.5	0.82	0.07	14.8	0.250	1.40
M897598		660	76.1	143.0	<0.002	0.04	6.50	13.8	<1	2.2	127.5	0.62	0.07	14.2	0.274	1.55
M897599		650	59.0	169.5	<0.002	0.07	7.75	12.5	2	2.8	140.0	0.72	0.22	17.0	0.272	1.85
M897600		650	166.5	172.0	<0.002	0.08	7.14	11.5	2	7.3	212	0.66	0.18	15.9	0.272	1.70
M897601		660	164.5	152.0	<0.002	0.06	5.69	12.0	1	3.1	246	0.68	0.19	14.9	0.297	1.59
M897602		660	130.0	140.0	<0.002	0.06	5.35	12.1	2	2.8	279	0.67	0.15	14.0	0.299	1.53
M897603		600	233	167.5	<0.002	0.03	7.46	12.0	1	3.7	138.0	0.66	<0.05	16.5	0.248	1.82
M897604		640	211	144.5	<0.002	0.03	7.37	11.2	1	3.6	229	0.66	0.07	13.9	0.289	1.56
M897605		720	122.0	143.0	<0.002	0.02	6.11	11.8	1	2.8	146.0	0.69	0.06	15.9	0.283	1.61
M897606		660	110.5	127.0	<0.002	0.05	4.86	11.2	1	2.4	305	0.71	0.08	13.6	0.299	1.45
M897607		670	189.5	157.0	<0.002	0.07	11.20	12.4	1	3.6	125.5	0.64	0.14	16.1	0.269	1.83
M897608		630	588	146.0	<0.002	0.07	12.50	11.5	2	4.1	262	0.65	0.16	13.1	0.285	1.44
M897609		640	142.5	136.5	<0.002	0.08	6.65	13.0	2	3.3	234	0.62	0.19	15.1	0.278	1.57
M897610		680	126.5	134.0	<0.002	0.08	7.01	11.7	2	2.9	276	0.70	0.23	15.8	0.304	1.56
M897611		610	255	125.5	<0.002	0.09	7.61	10.9	2	3.1	297	0.67	0.31	13.0	0.303	1.41
M897612		660	323	185.5	<0.002	0.13	11.05	11.0	1	5.7	168.5	0.58	0.68	14.7	0.252	2.10
M897613		660	396	183.0	<0.002	0.11	11.00	11.3	2	6.0	181.0	0.63	0.40	15.6	0.260	2.21
M897614		640	982	156.5	0.002	0.17	15.50	10.4	2	4.0	174.0	0.70	0.37	17.3	0.269	1.86
M897615		310	3880	182.5	<0.002	0.47	86.0	9.2	1	15.6	86.2	0.65	0.61	11.6	0.259	2.32
M897616		170	9.6	2.6	<0.002	0.02	0.34	0.3	1	0.2	36.7	<0.05	<0.05	<0.2	<0.005	<0.02
M897617		670	311	174.5	<0.002	0.10	12.05	11.7	2	4.7	178.5	0.71	0.21	17.5	0.293	2.17
M897618		610	59.1	127.0	0.002	0.07	4.51	10.6	1	2.4	277	0.68	0.17	13.8	0.281	1.56
M897619		710	122.5	145.0	<0.002	0.08	8.41	10.9	1	3.7	187.5	0.77	0.37	16.4	0.295	1.65
M897620		730	58.4	151.5	<0.002	0.08	7.11	13.2	1	3.0	226	0.86	0.23	17.9	0.293	1.79
M897621		850	166.0	163.5	0.002	0.11	12.85	13.6	1	5.0	152.5	0.84	0.49	20.3	0.307	1.78
M897622		770	280	181.5	<0.002	0.12	17.05	12.9	1	8.0	75.2	0.76	0.36	19.2	0.279	2.13
M897623		740	97.3	169.0	<0.002	0.08	9.54	14.3	1	3.8	52.9	0.73	0.20	18.1	0.296	2.21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155871

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897588		3.8	88	3.1	23.2	164	34.4
M897589		3.6	85	3.2	22.2	127	33.0
M897590		3.6	80	5.8	16.5	86	30.3
M897591		3.3	75	2.4	16.3	123	29.5
M897592		3.4	78	2.0	15.6	112	28.5
M897593		5.7	54	5.1	9.9	5140	25.4
M897594		5.4	81	2.7	22.1	899	28.6
M897595		3.6	72	1.6	16.2	180	29.0
M897596		4.7	68	5.1	18.2	375	27.5
M897597		3.7	74	2.8	17.5	194	27.1
M897598		3.4	79	3.1	17.8	226	22.5
M897599		3.8	80	3.0	17.6	199	21.9
M897600		3.6	78	3.2	18.0	213	22.8
M897601		3.1	84	2.1	16.1	243	25.3
M897602		2.8	82	2.4	16.3	190	25.7
M897603		3.6	74	3.1	16.8	530	22.8
M897604		3.2	78	3.1	16.9	376	27.5
M897605		3.1	83	2.1	16.2	299	24.2
M897606		2.9	84	2.2	15.2	208	26.2
M897607		3.9	85	2.1	20.2	477	21.2
M897608		3.6	76	2.2	18.7	254	27.2
M897609		3.5	81	1.9	18.1	310	23.7
M897610		3.5	80	2.1	16.7	325	26.3
M897611		3.7	79	2.0	15.5	233	27.2
M897612		5.0	78	2.3	15.9	497	21.3
M897613		4.5	76	2.5	16.7	492	23.5
M897614		4.6	74	1.9	14.7	541	22.8
M897615		4.4	74	2.9	10.5	477	20.5
M897616		0.4	2	0.1	0.7	14	<0.5
M897617		6.4	79	3.1	19.7	731	26.8
M897618		3.3	74	1.8	15.5	264	27.9
M897619		3.8	78	2.4	15.6	298	27.9
M897620		4.3	77	4.4	17.2	202	29.6
M897621		5.6	78	3.5	21.3	400	34.0
M897622		6.3	76	3.1	18.6	431	29.9
M897623		4.1	79	4.7	17.4	216	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 29-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155871

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155872

Project: Klaza TR-12-2

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

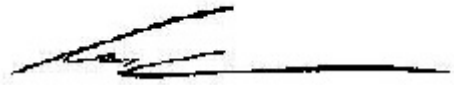
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155872

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897624		5.51	0.087	7.40	7.92	328	1650	1.86	7.14	0.31	8.72	63.9	10.5	8	21.5	141.5
M897625		5.47	0.174	1.99	7.73	265	1960	1.54	2.20	0.36	6.53	63.8	8.4	14	17.70	60.2
M897626		4.64	0.056	0.28	7.30	51.4	2210	1.46	1.49	1.18	1.64	62.1	9.3	19	8.21	30.0
M897627		5.21	0.046	0.43	7.72	64.6	2330	1.48	1.68	1.14	1.57	66.5	12.0	20	10.60	32.4
M897628		4.80	0.025	0.31	7.80	49.9	2370	1.43	1.46	1.08	1.64	66.0	10.2	18	8.47	30.2
M897629		5.98	0.066	0.30	8.30	35.1	2470	1.35	0.56	0.41	1.64	57.9	7.1	10	18.70	20.2
M897630		4.63	0.031	0.34	7.07	71.9	1820	1.43	1.65	1.46	2.58	58.9	9.8	17	8.99	31.3
M897631		0.24	2.41	27.0	6.04	3440	1140	1.30	21.5	2.21	77.7	47.2	10.3	16	14.70	422
M897632		6.30	1.765	1.28	7.44	386	1680	1.60	0.68	0.48	5.47	61.0	8.7	9	20.8	36.0
M897633		5.62	0.606	1.42	7.57	293	1590	1.83	1.31	0.19	8.28	59.5	10.3	9	24.4	39.5
M897634		4.74	0.049	0.59	8.10	72.3	2180	1.60	1.10	0.42	4.59	64.2	7.4	10	20.1	21.2
M897635		5.01	0.332	1.77	7.90	270	1580	1.95	2.66	0.24	9.86	69.2	9.2	12	23.2	52.4
M897636		6.52	0.116	2.10	7.54	154.0	1190	1.40	3.25	0.14	3.46	59.2	1.5	14	23.0	44.9
M897637		3.95	<0.005	0.05	0.09	5	20	0.05	0.01	20.9	0.13	1.42	0.7	1	0.34	1.7
M897638		6.10	0.318	3.33	6.42	345	6330	1.54	1.55	0.14	2.71	52.7	1.9	11	17.30	63.0
M897639		6.28	0.255	3.00	7.29	158.5	1310	1.59	4.11	0.30	5.21	49.0	8.5	13	14.65	68.5
M897640		3.95	0.038	0.51	7.55	97.0	2120	1.62	1.91	1.14	3.71	62.4	8.0	15	7.68	42.5
M897641		4.60	0.150	4.28	7.41	216	3020	1.75	2.94	0.17	17.50	53.5	7.6	12	18.70	108.5
M897642		4.91	0.221	6.55	6.58	171.5	2810	1.05	3.84	0.17	2.56	48.4	1.1	14	21.3	37.6
M897643		6.99	0.082	1.39	7.97	104.0	2800	2.05	1.49	0.23	27.6	66.4	12.5	10	31.7	60.4
M897644		5.28	0.091	0.83	8.13	105.0	1810	1.81	1.39	0.31	5.16	67.6	7.9	12	23.3	36.7
M897645		5.04	0.096	1.09	7.95	260	1760	1.62	7.96	0.55	5.97	62.2	8.2	13	15.45	64.7
M897646		6.07	0.557	5.48	7.75	1000	1640	1.25	11.15	0.26	4.98	82.5	4.7	17	20.2	74.0
M897647		5.93	0.738	9.81	7.87	926	1620	1.33	20.7	0.16	2.30	70.6	1.8	17	8.94	32.4
M897648		5.73	0.128	1.67	8.00	539	1550	1.67	3.60	0.15	3.20	55.3	7.8	15	17.70	67.4
M897649		6.19	0.143	2.60	7.44	276	1640	1.08	3.53	0.20	0.25	61.9	1.0	16	17.90	22.1
M897650		7.03	0.183	3.38	6.92	246	2430	1.09	2.04	0.15	0.13	56.7	0.8	11	16.05	33.8
M897651		4.24	1.380	6.49	6.34	465	1240	1.00	9.99	0.07	0.96	24.1	1.3	18	6.29	31.1
M897652		3.75	0.172	2.34	7.72	125.0	1500	0.96	7.55	0.04	0.25	14.80	1.0	16	6.02	12.4
M897653		4.57	0.106	1.33	7.85	106.5	2170	1.38	4.37	0.08	0.74	57.2	2.6	13	14.55	36.4
M897654		6.80	0.094	0.58	7.62	106.0	2450	1.69	2.34	0.69	2.46	67.3	10.0	15	12.35	76.4
M897655		4.70	0.027	0.93	7.76	79.3	2380	1.63	1.26	0.71	3.21	71.8	8.6	25	15.80	54.3
M897656		4.03	0.047	1.23	7.99	130.0	1580	1.78	0.85	0.26	4.77	60.4	6.3	14	23.4	45.1
M897657		4.87	0.095	1.00	7.94	232	2320	1.91	2.58	0.83	4.46	65.5	10.2	13	12.65	144.5
M897658		4.11	0.114	3.92	7.98	330	1780	2.08	2.86	0.29	8.40	67.7	10.1	14	21.4	424
M897659		4.67	0.074	0.72	7.61	298	2100	1.75	1.31	1.30	0.97	61.7	9.5	20	9.12	69.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897624		5.31	16.85	0.22	1.0	0.258	2.76	31.7	21.2	0.23	1850	3.04	0.43	7.6	3.9	650
M897625		4.53	16.30	0.19	1.2	0.205	2.94	33.8	17.6	0.27	971	2.57	0.34	8.0	4.0	620
M897626		3.20	14.75	0.17	1.2	0.107	2.46	27.9	14.6	0.56	681	1.84	1.85	7.9	5.7	630
M897627		3.80	16.00	0.19	1.1	0.122	2.65	31.6	15.4	0.75	603	1.80	1.97	8.3	6.1	650
M897628		3.48	15.55	0.17	1.2	0.105	2.66	30.6	17.8	0.69	749	1.44	1.87	8.3	6.3	680
M897629		3.25	17.15	0.17	1.1	0.077	2.81	23.0	22.6	0.28	748	1.24	0.51	8.2	3.0	680
M897630		3.38	14.40	0.16	1.1	0.106	2.46	26.8	13.6	0.53	829	1.81	1.72	8.0	6.3	620
M897631		6.60	13.05	0.20	0.9	1.705	2.57	22.9	21.8	0.91	1850	12.35	0.04	6.0	14.3	440
M897632		3.65	15.20	0.19	1.0	0.094	2.91	30.5	18.8	0.27	1660	2.97	0.73	7.7	3.9	610
M897633		4.57	15.65	0.18	1.0	0.167	3.15	32.1	14.9	0.30	2630	4.57	0.05	7.1	4.5	590
M897634		3.35	16.10	0.17	1.0	0.112	3.18	32.6	23.0	0.19	1060	2.87	1.19	8.0	3.7	650
M897635		3.86	18.40	0.16	1.1	0.164	3.21	38.0	15.1	0.26	2860	6.41	0.08	7.9	5.1	650
M897636		4.67	17.20	0.14	1.0	0.202	3.16	34.0	11.6	0.28	290	5.23	0.05	8.6	2.1	370
M897637		0.47	0.25	0.08	<0.1	0.011	0.04	1.2	1.4	12.75	212	0.11	0.01	0.1	2.0	170
M897638		4.90	14.70	0.13	0.9	0.220	2.68	29.7	16.4	0.24	485	4.86	0.05	7.3	2.2	620
M897639		3.91	16.85	0.12	1.0	0.193	2.94	24.9	13.7	0.29	1240	4.50	0.23	8.5	4.3	620
M897640		3.60	17.20	0.12	1.1	0.195	2.63	30.2	15.4	0.58	703	2.82	1.61	8.4	5.2	630
M897641		4.64	16.75	0.11	1.0	0.388	2.93	30.9	15.3	0.23	3120	7.22	0.13	7.3	5.1	560
M897642		3.89	14.85	0.11	0.9	0.328	2.65	27.9	17.8	0.23	280	4.29	0.05	7.4	1.3	410
M897643		3.59	18.15	0.13	1.1	0.189	3.07	37.6	17.3	0.22	5800	7.42	0.09	8.5	5.5	600
M897644		3.91	17.65	0.14	1.1	0.169	3.28	36.9	19.3	0.24	2380	2.89	0.41	8.2	3.9	670
M897645		3.68	17.05	0.11	1.2	0.194	3.09	33.0	14.6	0.31	2350	2.58	0.77	7.9	4.0	670
M897646		5.52	19.70	0.16	1.3	0.466	3.47	47.8	14.2	0.29	599	3.52	0.34	7.5	3.9	660
M897647		3.46	20.8	0.14	1.3	0.457	3.75	38.0	7.9	0.38	154	2.95	0.15	6.1	2.1	350
M897648		4.48	17.75	0.12	0.9	0.293	3.38	28.7	13.3	0.30	1010	2.85	0.08	6.2	3.2	650
M897649		4.57	18.05	0.12	1.0	0.199	3.04	32.3	13.8	0.29	109	2.68	0.07	6.2	1.1	620
M897650		6.29	17.00	0.13	0.8	0.157	2.85	29.6	13.5	0.27	67	4.19	0.05	6.2	1.0	440
M897651		5.83	17.75	0.12	0.9	0.214	2.89	14.2	10.2	0.27	87	5.02	0.08	4.6	2.2	280
M897652		2.47	23.2	0.09	1.2	0.129	3.52	7.8	6.3	0.30	79	3.13	0.07	7.0	1.1	110
M897653		3.46	20.9	0.12	1.3	0.157	3.18	32.3	21.6	0.28	128	3.02	0.09	7.5	2.3	400
M897654		4.06	17.60	0.12	1.0	0.203	2.96	34.9	16.5	0.38	894	3.33	1.24	7.8	4.6	660
M897655		4.38	18.35	0.13	1.0	0.159	2.89	36.8	15.9	0.44	868	2.52	1.24	8.5	3.9	670
M897656		6.96	19.05	0.12	0.9	0.198	3.05	32.7	24.6	0.23	1950	3.61	0.31	8.8	4.1	640
M897657		4.51	18.45	0.13	0.9	0.184	2.89	34.5	18.2	0.48	1060	3.10	1.24	8.0	4.4	720
M897658		5.91	19.50	0.16	1.0	0.354	3.05	38.0	19.4	0.29	3090	6.51	0.34	8.5	6.0	640
M897659		3.62	17.50	0.13	1.2	0.130	2.52	33.2	15.3	0.55	546	2.65	1.70	8.9	6.2	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897624		1025	143.0	<0.002	0.10	17.30	13.1	1	3.7	72.9	0.61	0.27	17.6	0.244	2.00	7.0
M897625		345	164.5	<0.002	0.07	13.40	12.5	1	4.6	68.9	0.72	0.22	17.5	0.258	1.99	5.0
M897626		40.8	113.0	<0.002	0.05	3.38	11.3	1	2.1	286	0.73	0.18	15.2	0.278	1.34	3.6
M897627		37.3	124.5	<0.002	0.11	2.77	12.7	1	2.6	294	0.67	0.24	15.8	0.295	1.44	3.9
M897628		31.4	125.0	<0.002	0.09	2.89	12.1	1	2.2	286	0.69	0.27	15.0	0.302	1.47	3.3
M897629		26.0	124.5	<0.002	0.02	6.01	12.5	1	2.0	86.6	0.68	0.09	17.1	0.284	1.38	2.9
M897630		32.4	111.0	<0.002	0.03	3.68	10.9	1	2.0	273	0.68	0.17	13.8	0.289	1.33	3.5
M897631		2690	157.0	<0.002	4.74	92.7	8.3	2	8.4	88.1	0.47	0.50	11.8	0.179	2.25	5.8
M897632		41.4	153.0	<0.002	0.03	7.83	11.6	1	1.8	117.5	0.64	0.09	16.6	0.257	2.58	4.3
M897633		72.0	199.0	<0.002	0.05	9.20	12.9	1	2.4	31.9	0.63	0.18	16.7	0.244	3.58	6.3
M897634		27.6	149.5	<0.002	0.03	5.18	12.2	1	2.1	169.0	0.67	0.10	17.8	0.263	2.13	4.7
M897635		107.5	184.5	0.003	0.06	9.37	13.7	1	2.4	28.5	0.56	0.20	16.6	0.272	3.60	5.5
M897636		84.6	220	<0.002	0.35	9.34	11.5	1	4.0	29.1	0.63	0.36	12.3	0.277	4.12	5.4
M897637		1.4	2.6	<0.002	0.01	0.05	0.3	<1	0.2	39.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M897638		224	185.0	<0.002	0.37	15.95	11.6	1	2.8	109.0	0.55	0.16	14.4	0.235	3.59	6.0
M897639		109.0	153.5	<0.002	0.10	12.80	13.0	1	2.6	55.8	0.65	0.26	13.8	0.276	3.77	5.6
M897640		63.3	130.0	<0.002	0.05	3.99	12.4	1	2.2	275	0.67	0.15	15.4	0.277	1.84	3.2
M897641		927	179.5	<0.002	0.15	15.10	12.8	2	3.0	61.8	0.58	0.30	15.1	0.244	3.17	7.0
M897642		883	178.5	0.002	0.59	18.55	9.4	1	2.8	79.1	0.55	0.39	12.6	0.251	3.70	4.2
M897643		61.7	175.0	0.002	0.09	8.61	13.9	1	2.1	47.3	0.63	0.17	17.0	0.279	3.08	7.9
M897644		68.0	163.5	<0.002	0.04	6.32	13.0	1	2.1	86.0	0.63	0.16	18.0	0.281	3.24	6.4
M897645		62.6	166.5	<0.002	0.06	5.88	12.7	1	2.1	127.0	0.60	0.19	16.5	0.274	2.86	5.8
M897646		207	187.0	<0.002	0.77	9.57	12.9	1	5.1	113.5	0.59	1.21	23.6	0.246	2.93	7.9
M897647		535	190.0	0.002	0.43	8.47	12.9	<1	9.4	52.5	0.51	1.47	13.6	0.208	2.75	4.4
M897648		67.6	217	<0.002	0.08	8.56	12.5	<1	3.7	39.7	0.46	0.97	13.8	0.228	3.08	7.1
M897649		91.2	180.5	<0.002	0.81	11.85	10.5	1	5.3	94.9	0.47	0.59	16.8	0.222	3.10	2.4
M897650		72.9	212	<0.002	0.54	14.90	9.0	1	2.6	64.8	0.44	0.74	10.7	0.194	3.62	2.0
M897651		456	144.5	0.003	0.22	12.55	10.2	1	8.2	23.8	0.34	0.67	7.2	0.157	2.13	2.4
M897652		162.5	156.0	<0.002	0.09	3.29	12.6	1	12.4	13.1	0.58	0.37	4.5	0.223	2.23	1.5
M897653		89.7	156.5	<0.002	0.19	6.12	12.6	1	6.6	58.4	0.63	0.46	16.2	0.231	2.53	3.7
M897654		35.3	187.5	<0.002	0.07	5.41	13.5	1	3.0	212	0.53	0.48	14.8	0.268	2.47	4.2
M897655		63.8	152.0	<0.002	0.05	6.11	13.8	<1	3.2	209	0.62	0.23	17.3	0.271	2.38	3.3
M897656		298	157.0	0.002	0.05	10.15	14.4	1	6.7	66.9	0.57	0.06	14.4	0.277	2.86	5.0
M897657		71.2	156.5	<0.002	0.04	6.87	14.1	1	3.1	224	0.58	0.44	15.2	0.276	2.22	4.2
M897658		224	164.5	0.003	0.03	17.60	15.3	2	4.4	73.8	0.59	0.23	15.9	0.277	3.02	6.0
M897659		30.1	123.5	<0.002	0.03	4.72	13.0	1	2.3	292	0.65	0.40	13.6	0.289	1.39	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897624		75	3.1	20.4	572	23.0
M897625		76	3.1	20.0	491	25.3
M897626		75	2.5	14.7	123	25.6
M897627		81	1.6	17.2	157	25.1
M897628		80	1.5	15.7	128	26.7
M897629		79	1.9	15.4	130	23.4
M897630		76	1.7	15.7	169	27.1
M897631		56	5.0	9.9	5360	24.8
M897632		71	6.4	18.1	213	22.1
M897633		74	6.8	22.2	298	21.5
M897634		76	2.4	17.5	178	23.1
M897635		77	4.8	19.8	499	22.4
M897636		73	4.6	11.5	215	22.2
M897637		3	0.1	0.8	19	<0.5
M897638		63	5.7	12.0	456	19.2
M897639		74	5.2	14.1	347	21.5
M897640		72	1.0	16.9	257	22.9
M897641		70	3.3	19.5	1160	20.3
M897642		64	7.5	9.2	260	19.2
M897643		75	4.0	26.8	1330	23.0
M897644		77	3.9	18.9	368	21.9
M897645		76	3.2	17.1	387	22.4
M897646		78	3.7	16.3	309	25.3
M897647		77	7.3	9.4	110	25.8
M897648		77	3.9	12.7	283	18.4
M897649		74	7.2	4.9	77	19.4
M897650		65	4.1	5.5	109	19.6
M897651		64	6.4	4.9	200	18.8
M897652		75	12.1	4.2	37	21.9
M897653		74	6.2	10.2	140	23.3
M897654		78	2.5	19.6	164	21.2
M897655		77	3.3	17.5	256	20.9
M897656		78	9.3	16.5	517	20.3
M897657		78	2.1	20.9	311	20.2
M897658		81	5.5	22.8	722	21.2
M897659		79	1.3	19.4	86	26.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155872

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155873

Project: Klaza TR-12-2

P.O. No.: Batch 8

This report is for 24 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

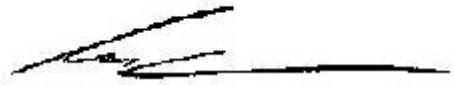
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155873

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897660		4.62	0.094	1.14	8.00	541	2300	1.59	8.14	0.90	1.37	60.2	11.4	15	10.35	169.0
M897661		5.05	0.622	2.31	7.90	496	1320	1.71	3.86	0.46	2.16	64.9	7.4	15	16.80	180.0
M897662		5.58	0.058	0.39	7.64	39.4	2130	1.53	1.35	1.49	0.50	57.7	9.1	21	7.43	37.1
M897663		4.13	0.066	1.70	8.51	48.4	2120	1.50	2.72	0.47	0.62	61.4	13.2	16	17.80	40.8
M897664		5.39	0.035	0.45	8.48	15.6	2140	1.41	0.96	0.57	0.66	71.7	8.3	18	16.30	40.4
M897665		5.02	0.023	0.29	7.19	15.3	1910	1.40	1.09	1.64	0.58	46.9	9.0	21	6.04	27.4
M897666		0.24	2.30	26.4	5.86	3430	940	1.14	20.5	2.15	79.3	45.5	10.5	19	13.40	440
M897667		4.23	0.031	0.43	7.62	13.4	2090	1.57	1.20	1.27	1.45	57.3	10.4	15	12.15	38.3
M897668		3.98	0.145	1.41	8.04	90.9	1620	1.90	2.62	0.35	2.80	54.9	22.5	13	20.3	100.0
M897669		4.61	0.640	13.75	7.01	463	4930	1.64	10.70	0.19	8.46	55.3	12.9	13	16.30	438
M897670		5.29	0.017	0.69	8.24	55.9	2600	1.83	0.63	0.31	11.10	60.6	27.6	11	25.2	208
M897671		7.30	0.116	1.39	8.07	85.4	2170	1.96	2.01	0.23	5.36	50.6	35.8	14	25.0	318
M897672		4.63	0.222	3.98	7.81	137.0	1780	1.85	3.53	0.23	4.42	60.2	45.5	14	22.7	306
M897673		6.44	0.021	0.50	8.90	21.9	2210	1.33	0.44	0.31	1.39	49.0	32.9	13	20.3	175.5
M897674		3.63	<0.005	0.01	0.08	<5	20	0.05	0.01	22.3	0.07	1.42	1.3	1	0.37	2.1
M897675		3.79	0.020	1.15	8.25	28.3	2910	1.75	0.82	0.46	1.90	70.0	33.4	11	24.1	91.9
M897676		4.35	0.093	1.18	7.83	31.4	1930	1.49	2.10	1.23	1.28	61.9	17.8	18	10.20	77.3
M897677		5.51	0.072	0.77	7.95	42.7	2140	1.52	1.56	1.04	0.76	60.2	10.9	18	11.35	52.2
M897678		3.65	0.042	0.52	9.22	20.5	2820	1.65	0.62	0.85	0.32	69.6	10.4	16	23.7	35.9
M897679		4.78	0.028	0.45	8.16	21.7	2180	1.41	0.86	1.29	0.37	58.0	11.4	24	19.10	31.7
M897680		3.61	0.026	0.62	8.96	29.0	2540	1.66	0.55	0.74	0.30	66.1	10.0	14	34.1	26.4
M897681		3.66	0.046	0.38	8.38	16.6	2530	1.39	0.70	1.65	0.39	55.6	11.5	19	14.60	25.1
M897682		4.77	0.038	0.85	8.55	23.2	2190	1.43	0.60	0.91	0.50	56.7	24.4	15	28.8	35.0
M897683		4.85	0.122	0.58	8.42	20.0	2440	1.48	0.95	1.15	0.33	59.4	12.4	17	14.35	83.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155873

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897660		4.46	17.00	0.12	1.1	0.136	2.79	34.7	16.6	0.49	383	2.48	1.36	8.1	4.6	700
M897661		5.19	19.05	0.14	1.0	0.321	3.04	40.0	18.8	0.40	575	3.53	0.54	8.1	4.6	500
M897662		3.32	16.50	0.11	1.1	0.103	2.59	27.7	15.1	0.70	559	1.73	1.87	8.5	6.1	640
M897663		3.82	19.00	0.13	1.0	0.142	2.97	30.6	22.5	0.37	620	2.66	0.55	8.5	4.8	640
M897664		3.42	18.60	0.15	1.0	0.147	2.95	35.4	26.2	0.36	714	2.74	0.61	8.3	6.8	650
M897665		3.15	16.55	0.10	1.2	0.091	2.32	21.5	14.0	0.73	576	1.83	1.94	8.6	7.1	600
M897666		6.61	13.85	0.11	0.9	1.515	2.52	22.4	23.0	0.88	1820	11.95	0.04	5.7	14.2	430
M897667		3.54	17.00	0.13	1.0	0.077	2.46	27.8	17.1	0.62	568	1.60	1.74	8.0	4.5	650
M897668		5.35	18.50	0.11	0.9	0.129	2.62	25.4	45.9	0.35	976	2.23	0.31	7.7	4.4	610
M897669		8.52	16.40	0.12	0.8	2.13	3.02	28.9	11.4	0.29	2850	3.22	0.06	6.3	2.9	630
M897670		4.53	18.45	0.13	0.8	0.147	3.03	29.7	14.8	0.21	2790	2.43	0.13	8.3	4.6	620
M897671		5.43	18.60	0.10	0.9	0.284	2.56	29.9	48.4	0.21	1160	4.26	0.08	8.5	5.9	690
M897672		5.95	16.45	0.13	0.8	0.214	2.58	34.7	40.0	0.20	848	7.90	0.09	7.7	5.7	690
M897673		4.15	19.60	0.12	0.9	0.140	2.65	25.3	28.9	0.45	506	2.47	0.11	9.6	4.3	720
M897674		0.49	0.38	<0.05	<0.1	0.006	0.03	0.7	1.1	13.40	213	0.15	0.01	0.3	3.3	180
M897675		6.57	18.70	0.17	0.9	0.155	2.89	41.6	23.3	0.40	394	5.04	0.59	9.2	4.5	600
M897676		4.28	16.90	0.14	1.0	0.147	2.64	32.4	23.1	0.63	789	4.32	1.54	9.0	6.5	670
M897677		4.45	16.45	0.13	1.0	0.135	3.09	36.5	14.7	0.56	745	4.57	1.18	8.3	5.5	650
M897678		3.84	20.9	0.09	1.1	0.102	2.74	36.2	27.3	0.54	648	2.71	0.84	9.1	5.0	770
M897679		3.80	16.95	0.08	1.1	0.080	2.50	31.3	18.7	0.61	706	2.26	1.54	8.0	7.0	630
M897680		3.33	20.3	0.10	1.1	0.062	2.80	38.2	24.4	0.37	651	2.04	0.78	8.3	4.1	760
M897681		3.62	17.90	0.08	1.1	0.065	2.51	30.6	17.0	0.69	711	1.99	1.81	8.0	6.0	690
M897682		3.95	18.15	0.09	0.9	0.079	2.61	35.6	21.2	0.55	601	2.13	1.01	7.7	4.4	700
M897683		3.78	17.25	0.09	1.2	0.083	2.71	33.2	17.6	0.50	615	2.30	1.60	8.5	4.2	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155873

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897660		71.4	133.5	0.003	0.03	4.72	13.5	1	2.5	237	0.65	4.04	17.4	0.282	1.85	4.8
M897661		252	208	<0.002	0.08	9.04	13.9	1	5.5	116.5	0.59	0.75	14.2	0.274	2.65	5.0
M897662		40.3	128.0	<0.002	0.03	2.72	12.3	1	2.6	320	0.60	0.29	12.6	0.302	1.36	2.6
M897663		56.3	149.0	<0.002	0.07	8.78	13.9	1	2.9	126.0	0.62	0.91	15.6	0.287	1.94	3.8
M897664		28.7	149.5	<0.002	0.02	5.86	13.4	1	2.1	125.0	0.60	0.30	18.1	0.283	1.72	3.3
M897665		28.9	96.8	<0.002	0.03	2.09	11.7	1	1.9	328	0.63	0.21	10.7	0.291	1.15	2.4
M897666		2790	163.5	<0.002	4.78	89.1	8.4	<1	7.4	88.2	0.42	0.35	10.8	0.179	2.37	4.7
M897667		30.7	108.5	<0.002	0.03	2.81	12.9	1	1.8	279	0.60	0.39	14.8	0.275	1.25	2.9
M897668		74.1	132.0	0.002	0.10	7.54	13.9	1	2.6	64.7	0.58	0.73	15.5	0.251	2.04	5.2
M897669		471	181.5	0.002	0.49	40.6	10.9	<1	5.4	64.1	0.50	0.34	12.3	0.221	3.18	5.8
M897670		26.8	159.0	0.002	0.05	7.74	14.2	1	1.8	42.5	0.57	0.12	13.9	0.270	2.36	7.2
M897671		61.7	124.0	<0.002	0.06	24.8	13.4	1	2.6	115.0	0.69	0.96	16.0	0.270	2.15	10.8
M897672		82.0	122.0	<0.002	0.13	29.0	14.0	2	3.0	82.6	0.56	1.89	15.1	0.242	1.99	16.3
M897673		33.0	117.5	<0.002	0.02	6.49	16.6	1	2.1	76.0	0.69	0.18	16.3	0.295	1.53	7.3
M897674		2.0	2.0	<0.002	<0.01	0.06	0.3	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897675		71.7	145.0	<0.002	0.02	8.80	14.8	1	2.2	112.0	0.70	0.39	17.4	0.276	1.91	8.8
M897676		53.8	122.5	<0.002	0.05	6.83	12.1	1	2.6	256	0.67	0.71	14.3	0.283	1.54	4.0
M897677		43.3	147.5	<0.002	0.06	5.98	11.3	1	2.5	213	0.68	0.37	15.8	0.257	1.75	3.9
M897678		22.9	135.5	<0.002	0.04	5.26	14.5	2	2.3	155.5	0.71	0.21	15.5	0.312	1.54	3.0
M897679		27.3	115.0	<0.002	0.04	4.65	11.9	1	2.0	300	0.62	0.24	12.6	0.287	1.29	2.6
M897680		21.4	133.0	<0.002	0.03	5.90	13.4	1	2.0	133.0	0.63	0.17	15.7	0.284	1.73	2.7
M897681		27.8	106.0	<0.002	0.03	3.30	12.1	1	1.9	358	0.61	0.16	12.0	0.299	1.17	2.2
M897682		38.7	121.5	<0.002	0.02	4.85	14.0	1	2.0	265	0.55	0.13	13.8	0.279	1.36	2.7
M897683		27.6	119.5	<0.002	0.04	5.07	12.0	1	2.5	274	0.70	0.20	14.4	0.300	1.29	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12155873

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897660		81	1.3	20.7	157	20.9
M897661		78	3.2	19.3	426	21.3
M897662		80	1.5	16.3	77	25.1
M897663		81	2.5	18.0	86	22.2
M897664		79	4.7	17.7	81	22.6
M897665		78	1.3	13.6	81	28.6
M897666		56	5.0	9.6	5140	22.2
M897667		76	1.1	17.3	105	21.5
M897668		73	3.2	17.6	278	19.4
M897669		67	8.1	10.2	1640	16.8
M897670		78	4.5	22.0	437	19.2
M897671		80	9.5	22.1	305	21.9
M897672		76	5.2	24.3	250	19.7
M897673		83	2.6	19.3	102	22.7
M897674		3	1.5	0.9	13	<0.5
M897675		79	2.4	29.0	243	22.6
M897676		81	4.9	18.9	118	25.8
M897677		75	3.7	20.1	89	25.8
M897678		95	1.2	18.7	60	27.0
M897679		81	1.5	17.6	70	30.1
M897680		84	1.4	18.7	58	29.1
M897681		83	1.2	16.0	65	25.9
M897682		84	1.1	19.9	85	22.2
M897683		84	1.6	16.2	61	25.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155873

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155874

Project: Klaza TR-12-3

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

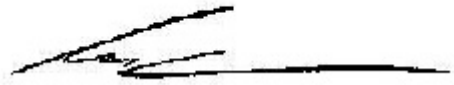
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-3

CERTIFICATE OF ANALYSIS WH12155874

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897684		3.09	0.054	0.66	6.82	41.9	2260	1.27	1.42	1.32	0.77	41.1	7.2	28	7.18	28.0
M897685		4.32	0.130	0.68	7.13	72.7	1990	1.14	1.30	1.01	1.01	51.8	5.9	18	7.53	49.0
M897686		4.62	0.073	0.70	7.66	49.2	2020	1.07	1.36	0.22	0.73	28.5	2.6	11	11.35	139.0
M897687		4.41	0.139	1.30	7.04	89.1	1830	1.31	2.40	0.35	1.46	59.8	6.1	13	10.30	217
M897688		4.13	2.36	6.63	7.32	264	1010	1.20	12.65	0.08	0.95	80.3	1.2	12	11.90	128.0
M897689		3.83	0.811	4.21	7.50	231	2400	1.25	7.18	0.26	1.46	56.1	4.6	10	10.20	157.5
M897690		3.49	0.159	2.30	7.47	127.5	2030	1.37	3.02	0.75	1.76	54.7	7.5	18	12.75	127.0
M897691		4.47	0.188	1.79	7.18	145.5	1910	1.73	3.04	0.59	1.54	61.7	5.5	16	13.30	108.5
M897692		4.17	0.200	2.14	7.50	334	1860	1.37	3.17	0.82	1.91	63.7	6.4	17	12.95	116.5
M897693		4.48	0.190	1.68	8.01	136.5	1610	1.49	2.70	0.38	2.79	53.6	5.3	12	13.95	149.0
M897694		4.86	0.229	1.37	7.85	210	2960	1.38	3.02	0.20	2.28	67.7	3.0	12	20.3	133.0
M897695		2.57	1.395	2.07	7.26	334	1670	1.45	4.25	0.21	2.36	84.3	2.2	11	19.45	130.5
M897696		5.00	0.933	6.51	7.03	1320	1410	1.23	11.05	0.11	3.24	76.4	2.3	11	21.9	144.5
M897697		3.59	0.219	3.28	7.65	442	1890	1.46	4.73	0.31	2.66	77.7	3.4	10	19.40	271
M897698		4.00	0.771	4.13	7.70	2040	1920	1.29	5.87	0.17	2.56	56.8	2.2	10	15.75	171.5
M897699		4.32	0.323	2.93	7.75	886	2160	1.30	4.18	0.28	2.91	56.1	9.0	10	13.00	155.5
M897700		4.22	0.125	1.77	7.05	206	2080	1.29	2.08	0.99	1.08	52.1	5.7	16	8.20	65.2
M897701		4.72	0.044	0.66	7.43	70.3	2160	1.41	1.29	1.29	0.76	55.0	5.9	17	6.26	34.6
M897702		4.01	0.032	0.89	7.27	65.5	1940	1.39	1.19	1.29	0.69	51.6	5.5	17	5.70	35.8
M897703		3.29	0.065	0.72	7.40	106.0	2000	1.49	2.13	1.14	1.21	54.7	6.6	18	7.17	48.8
M897704		0.25	2.38	24.4	5.84	3190	660	1.27	21.2	2.15	78.7	44.1	10.4	19	15.15	423
M897705		3.35	0.256	0.91	7.68	169.5	1950	1.62	3.06	0.74	2.84	48.7	8.8	17	13.50	88.6
M897706		3.45	0.062	0.82	7.57	99.0	2090	1.49	2.32	1.19	1.28	53.1	6.9	17	9.99	41.8
M897707		3.58	0.144	2.34	7.91	135.5	1210	1.63	5.13	0.38	3.60	64.7	8.6	17	18.85	80.9
M897708		4.39	0.127	2.99	7.54	144.5	1050	1.48	5.72	0.22	3.15	84.1	4.1	14	16.00	50.5
M897709		3.38	0.085	2.55	7.94	94.3	1100	1.80	3.28	0.19	9.57	83.1	12.3	15	21.5	102.0
M897710		3.41	0.070	31.3	6.82	127.0	1580	1.49	3.62	0.22	9.41	72.3	11.2	14	17.45	109.0
M897711		3.16	0.038	3.14	7.46	48.3	2000	1.69	1.88	0.36	18.45	72.3	11.7	12	21.4	81.1
M897712		6.04	0.498	53.5	6.93	396	1390	1.25	227	0.11	2.93	64.9	1.0	11	17.45	69.0
M897713		4.89	0.049	5.95	7.85	94.7	2170	1.73	10.20	0.46	13.05	74.2	11.6	12	18.95	161.0
M897714		3.90	0.100	2.36	7.37	86.6	2070	1.58	6.05	0.85	5.83	63.2	8.9	12	14.90	80.7
M897715		5.01	0.062	5.74	7.56	151.5	1470	1.71	9.66	0.21	7.14	67.3	5.5	12	30.5	168.0
M897716		3.98	0.295	8.81	5.54	183.5	910	1.07	10.00	0.15	4.71	57.1	2.2	13	13.30	73.7
M897717		3.22	0.251	4.84	5.07	333	540	1.26	8.01	0.12	6.67	53.2	3.2	18	28.3	175.5
M897718		4.40	0.097	2.15	6.63	168.0	1080	2.05	3.66	0.16	3.50	70.4	4.6	8	72.9	262
M897719		3.53	<0.005	0.03	0.11	5	20	0.06	0.04	20.1	0.08	1.51	1.2	2	0.43	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-3

CERTIFICATE OF ANALYSIS WH12155874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897684		3.17	18.10	0.17	1.4	0.133	2.69	21.8	13.2	0.75	523	2.87	1.67	7.9	8.2	540
M897685		3.11	16.10	0.15	1.2	0.177	2.49	26.2	10.8	0.62	433	1.55	1.53	7.6	4.9	550
M897686		3.34	17.75	0.14	1.3	0.226	2.87	18.2	13.4	0.23	132	1.34	0.40	8.0	2.4	560
M897687		4.45	17.45	0.17	1.3	0.376	2.87	32.4	8.5	0.40	327	1.57	0.85	7.2	2.9	590
M897688		3.19	20.3	0.16	1.3	0.505	3.39	46.9	7.8	0.30	136	1.53	0.05	8.3	1.5	350
M897689		3.87	18.15	0.16	1.4	0.331	3.32	31.2	10.1	0.40	262	1.36	0.58	7.9	2.2	560
M897690		3.72	18.65	0.16	1.4	0.208	2.81	28.3	11.4	0.52	350	3.24	1.12	7.3	4.5	560
M897691		3.50	18.50	0.13	1.4	0.263	2.84	34.4	17.9	0.46	300	2.25	0.76	7.0	4.9	550
M897692		3.70	17.75	0.16	1.4	0.256	2.71	35.8	12.7	0.55	399	2.39	1.15	7.2	4.9	620
M897693		4.42	18.00	0.16	1.4	0.201	2.84	30.3	12.0	0.68	473	2.44	1.14	7.7	3.0	710
M897694		4.76	18.80	0.17	1.5	0.226	3.70	39.6	11.6	0.35	260	2.40	0.28	7.1	2.3	610
M897695		4.24	19.15	0.21	1.3	0.295	3.76	50.0	9.8	0.33	202	1.94	0.29	7.3	2.3	560
M897696		4.69	17.75	0.21	1.4	0.454	3.30	44.9	13.0	0.25	209	2.85	0.04	7.1	1.3	760
M897697		5.20	18.25	0.22	1.2	0.547	3.21	44.3	15.8	0.37	248	2.17	0.50	7.5	1.9	710
M897698		3.91	18.65	0.20	1.4	0.422	3.64	32.5	13.5	0.30	196	1.76	0.24	8.0	1.4	410
M897699		3.96	16.65	0.19	1.4	0.221	3.05	27.6	14.2	0.25	501	1.70	0.82	7.5	1.9	560
M897700		3.46	16.95	0.18	1.2	0.246	2.42	27.0	12.6	0.66	431	3.19	1.59	7.8	3.0	550
M897701		3.09	16.70	0.18	1.2	0.149	2.42	26.6	12.2	0.70	447	1.80	1.89	7.5	3.4	560
M897702		2.95	16.75	0.18	1.2	0.167	2.33	25.5	12.7	0.76	455	1.73	2.06	7.6	3.7	580
M897703		3.40	16.60	0.19	1.4	0.186	2.38	28.4	12.4	0.75	460	2.11	1.90	8.4	4.6	620
M897704		6.53	15.20	0.21	0.9	1.670	2.55	22.7	24.6	0.88	1850	14.05	0.04	6.0	15.3	430
M897705		5.60	17.15	0.21	1.5	0.259	2.58	30.1	20.0	0.63	390	3.43	1.43	9.1	4.6	700
M897706		3.48	17.40	0.20	1.4	0.236	2.57	28.6	13.6	0.69	432	1.82	2.00	8.4	4.3	620
M897707		5.12	19.25	0.24	1.5	0.741	2.81	38.3	17.3	0.51	448	2.61	0.54	7.7	3.5	650
M897708		3.77	18.30	0.22	1.4	0.679	3.36	51.5	9.1	0.39	311	2.68	0.21	7.1	2.1	450
M897709		5.16	19.20	0.23	1.5	0.376	3.09	43.4	21.9	0.30	1100	2.55	0.34	7.2	3.8	760
M897710		4.90	15.65	0.24	1.1	0.487	2.56	40.5	9.6	0.22	1050	3.34	1.05	6.5	2.9	680
M897711		4.51	17.05	0.23	1.5	0.341	3.15	39.1	13.8	0.32	2580	2.39	0.65	8.1	3.4	590
M897712		4.34	18.10	0.22	1.4	1.565	3.11	39.3	9.8	0.22	284	1.91	0.04	8.1	0.6	490
M897713		4.50	17.55	0.22	1.6	0.771	3.26	37.4	22.9	0.34	1920	2.06	1.02	8.4	3.2	660
M897714		3.80	17.25	0.21	1.5	0.365	2.70	33.3	15.8	0.63	833	1.84	1.62	8.3	3.7	640
M897715		4.89	17.65	0.24	1.5	0.995	3.11	40.2	18.0	0.26	542	2.62	0.26	8.0	2.6	590
M897716		3.16	15.90	0.20	1.1	3.15	2.55	35.3	14.1	0.25	433	12.65	0.14	4.8	1.6	480
M897717		4.72	14.70	0.21	1.1	4.15	2.00	31.9	38.4	0.17	876	19.80	0.04	5.8	2.7	560
M897718		4.56	14.85	0.25	1.1	4.16	2.15	39.6	35.7	0.17	772	12.75	0.03	6.3	2.9	920
M897719		0.47	0.30	0.07	<0.1	0.015	0.04	0.7	1.3	11.80	208	0.18	0.01	0.3	2.3	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-3

CERTIFICATE OF ANALYSIS WH12155874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897684		73.1	118.0	<0.002	0.15	5.08	11.7	1	4.4	276	0.72	0.22	12.8	0.243	1.91	3.2
M897685		67.1	137.0	<0.002	0.09	6.73	9.7	1	3.9	239	0.56	0.27	11.9	0.247	1.58	3.2
M897686		60.3	151.5	<0.002	0.14	9.69	10.4	1	4.5	89.4	0.62	0.35	13.4	0.248	1.85	3.5
M897687		112.5	169.0	<0.002	0.17	8.83	10.0	1	5.8	124.0	0.55	0.67	14.2	0.223	2.42	4.1
M897688		203	278	<0.002	0.28	14.90	11.0	1	11.2	34.4	0.63	0.55	11.6	0.260	3.12	2.9
M897689		162.0	201	<0.002	0.17	19.35	10.6	1	6.4	112.0	0.63	0.40	14.5	0.245	2.54	4.0
M897690		138.0	173.5	<0.002	0.16	20.0	10.8	1	6.2	201	0.57	0.47	14.1	0.236	2.10	4.0
M897691		141.0	191.0	<0.002	0.23	15.00	11.4	1	6.4	164.0	0.56	0.43	12.7	0.237	2.27	3.5
M897692		143.5	169.5	<0.002	0.19	17.00	10.9	1	5.0	215	0.60	0.34	13.8	0.248	2.04	4.0
M897693		163.0	188.0	0.002	0.15	10.95	11.7	1	3.9	158.0	0.60	0.46	14.9	0.251	2.31	4.1
M897694		78.1	242	<0.002	0.71	11.20	10.8	1	5.9	93.6	0.57	0.39	16.4	0.232	2.91	3.5
M897695		215	263	<0.002	0.69	12.35	12.2	2	5.9	141.5	0.58	0.38	17.7	0.217	3.24	4.3
M897696		485	240	<0.002	0.73	106.0	12.2	2	5.9	103.5	0.60	0.41	17.4	0.213	3.09	3.9
M897697		185.0	186.0	<0.002	0.40	44.0	13.1	2	4.1	164.0	0.61	0.25	20.0	0.230	2.45	6.1
M897698		132.0	243	<0.002	0.43	22.1	12.0	2	4.5	75.2	0.64	0.21	16.3	0.224	2.59	3.8
M897699		118.0	165.0	<0.002	0.16	21.5	10.9	2	3.8	117.0	0.72	0.33	17.3	0.230	2.14	4.7
M897700		62.8	133.5	<0.002	0.14	9.62	10.6	2	3.7	243	0.58	0.42	13.5	0.231	1.46	3.6
M897701		61.4	117.0	<0.002	0.06	5.62	10.7	2	3.6	305	0.64	0.22	13.6	0.236	1.43	3.6
M897702		51.2	107.5	<0.002	0.05	4.35	10.8	2	3.2	309	0.63	0.21	13.4	0.251	1.32	3.6
M897703		67.5	120.5	<0.002	0.07	5.74	11.3	2	3.7	280	0.65	0.37	14.0	0.269	1.35	3.9
M897704		2720	165.5	<0.002	4.62	89.6	8.3	2	8.3	90.3	0.47	0.39	11.0	0.170	2.31	5.8
M897705		94.3	124.0	<0.002	0.10	11.70	12.6	2	3.1	208	0.74	0.67	16.6	0.280	1.50	7.2
M897706		65.9	122.5	<0.002	0.08	6.44	11.6	2	3.5	293	0.70	0.46	14.8	0.269	1.50	4.8
M897707		189.0	168.0	<0.002	0.08	10.20	12.7	2	6.1	84.6	0.63	1.34	17.2	0.239	2.35	7.3
M897708		251	240	<0.002	0.12	9.25	11.3	2	10.8	84.6	0.60	0.96	14.0	0.224	3.11	5.5
M897709		251	195.5	<0.002	0.09	7.18	14.0	2	4.1	52.0	0.63	0.52	19.0	0.257	3.11	10.9
M897710		217	161.5	<0.002	0.08	5.53	9.7	2	3.8	95.1	0.52	0.70	15.0	0.192	2.46	7.9
M897711		236	168.5	<0.002	0.07	5.04	11.1	2	3.3	98.5	0.67	0.28	16.4	0.228	2.81	6.2
M897712		2420	169.5	<0.002	0.44	19.00	9.8	2	15.6	60.7	0.67	0.88	13.4	0.252	3.73	5.3
M897713		655	169.5	<0.002	0.07	5.88	11.9	2	3.3	156.0	0.70	0.27	18.3	0.235	2.67	7.9
M897714		198.0	136.0	<0.002	0.06	5.96	11.5	2	2.7	231	0.66	0.27	17.0	0.240	1.89	5.1
M897715		176.5	178.5	<0.002	0.16	20.6	11.2	2	6.0	99.2	0.68	0.69	17.4	0.231	3.05	9.2
M897716		1400	159.5	<0.002	0.25	62.3	7.1	1	15.1	146.0	0.42	0.97	12.0	0.156	2.39	4.1
M897717		319	129.0	<0.002	0.18	100.0	8.0	1	5.4	133.0	0.48	0.74	13.5	0.167	2.61	7.4
M897718		204	132.0	<0.002	0.21	56.4	16.0	1	3.0	235	0.50	0.21	19.2	0.186	2.46	23.0
M897719		2.3	2.1	<0.002	0.01	0.20	0.4	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-3

CERTIFICATE OF ANALYSIS WH12155874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897684		71	3.2	13.5	130	38.7
M897685		67	2.3	12.6	149	32.7
M897686		69	4.7	7.8	127	37.0
M897687		71	2.4	12.2	302	36.8
M897688		70	12.4	9.8	214	36.0
M897689		71	4.8	11.8	344	36.6
M897690		72	2.9	13.6	260	41.1
M897691		72	3.6	13.2	233	38.7
M897692		73	2.8	14.6	240	39.6
M897693		77	2.3	15.1	313	40.2
M897694		73	2.8	12.6	270	42.7
M897695		66	3.5	12.4	223	40.2
M897696		63	5.5	11.4	288	41.2
M897697		66	2.8	13.9	282	37.6
M897698		65	4.4	12.4	190	43.4
M897699		67	3.6	16.1	265	38.5
M897700		67	1.8	14.7	126	37.3
M897701		68	1.7	14.5	117	35.8
M897702		70	1.7	14.4	112	35.8
M897703		75	2.3	16.3	145	42.9
M897704		54	5.1	10.7	5170	27.3
M897705		75	3.8	21.5	363	47.8
M897706		73	2.1	16.5	170	42.0
M897707		78	2.5	20.6	703	46.7
M897708		73	7.0	15.3	495	42.5
M897709		83	1.9	27.5	866	42.2
M897710		64	1.4	21.6	610	36.0
M897711		67	2.8	23.8	1400	45.0
M897712		63	12.7	10.4	422	40.5
M897713		69	2.1	23.5	1020	47.4
M897714		67	2.1	20.4	444	46.5
M897715		67	4.3	18.0	847	43.2
M897716		53	5.5	9.4	320	32.8
M897717		52	5.1	12.3	571	33.8
M897718		64	3.9	15.6	754	34.5
M897719		2	0.1	0.9	15	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-3

Finalized Date: 25-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155874

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155875

Project: Klaza-74A

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

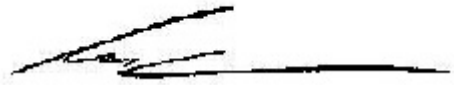
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-74A

CERTIFICATE OF ANALYSIS WH12155875

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895201		2.43	0.022	0.58	7.95	101.5	2390	1.64	1.02	0.27	1.54	51.7	8.8	10	22.3	12.3
M895202		4.34	<0.005	0.15	8.47	11.3	2120	1.37	0.19	0.91	0.49	60.1	7.7	11	13.05	10.4
M895203		5.40	<0.005	0.11	8.12	24.9	1780	1.29	0.21	1.28	0.26	50.0	7.4	10	16.00	8.8
M895204		4.79	<0.005	0.14	7.41	40.2	1320	1.46	0.21	1.73	0.29	54.4	7.5	10	17.70	11.4
M895205		2.61	0.009	0.82	7.84	147.0	940	1.60	2.07	1.62	0.45	55.0	8.3	10	23.5	9.7
M895206		3.38	0.227	2.66	6.41	285	780	1.24	2.71	1.21	6.77	41.6	10.5	11	15.30	8.4
M895207		2.98	<0.005	0.03	0.12	<5	30	0.05	0.05	22.1	0.06	1.29	0.9	3	0.32	4.2
M895208		3.17	<0.005	0.20	7.54	15.7	2050	1.42	0.32	2.71	0.31	44.6	8.0	12	14.45	9.2
M895209		6.25	<0.005	0.08	7.70	6.5	2140	1.42	0.14	2.82	0.12	47.3	8.0	15	11.20	9.3
M895210		3.23	<0.005	0.08	7.57	4.9	2260	1.47	0.13	2.93	0.09	48.5	8.4	13	9.30	11.9
M895211		<0.02	<0.005	0.09	7.52	4.5	2250	1.50	0.14	2.94	0.10	48.9	8.2	13	9.07	12.0
M895212		2.16	<0.005	0.43	7.25	39.7	1720	1.53	1.25	2.75	0.10	49.4	8.3	11	17.40	7.8
M895213		5.21	<0.005	0.08	7.35	4.4	2190	1.54	0.13	2.83	0.10	44.4	8.2	12	9.22	11.1
M895214		0.23	2.35	27.5	6.16	3500	770	1.29	19.55	2.29	82.8	44.4	11.5	19	14.95	443
M895215		4.75	<0.005	0.15	7.37	12.8	2150	1.70	0.19	2.85	0.21	44.4	8.6	11	12.40	10.7
M895216		7.13	<0.005	0.14	6.65	12.6	2050	1.35	0.19	2.84	0.12	39.2	8.4	10	13.95	11.2
M895217		3.04	0.102	2.09	6.69	135.5	1540	1.68	2.68	2.48	0.46	36.1	11.4	10	21.1	19.5
M895218		3.58	<0.005	0.25	7.23	7.0	1270	1.33	0.30	1.65	0.13	33.3	7.0	9	15.65	30.0
M895219		5.41	<0.005	0.18	8.11	9.9	2410	1.20	0.28	1.99	0.11	45.0	7.9	10	16.75	14.9
M895220		4.02	0.008	0.58	7.33	37.4	1860	1.40	0.22	2.30	0.24	42.2	10.0	9	16.55	65.4
M895221		6.09	<0.005	0.08	7.59	5.6	2240	1.31	0.13	2.95	0.05	41.6	8.1	11	13.25	14.2
M895222		3.37	<0.005	0.08	7.69	9.4	2050	1.54	0.12	2.44	0.06	48.9	7.6	10	12.25	6.9
M895223		6.67	<0.005	0.18	7.44	40.6	1360	1.57	0.18	2.56	0.20	45.3	7.1	10	21.9	7.9
M895224		3.29	0.014	0.32	6.55	174.5	900	1.54	0.19	2.31	0.76	39.8	7.5	9	16.45	4.1
M895225		2.15	<0.005	0.02	0.10	<5	20	<0.05	0.02	20.7	0.07	1.14	0.7	1	0.29	2.1
M895226		2.98	<0.005	0.07	6.96	15.1	1740	1.60	0.08	2.51	0.11	47.1	7.8	11	13.05	10.1
M895227		3.60	<0.005	0.08	7.15	6.2	1880	1.43	0.10	2.79	0.09	45.2	8.1	12	12.20	14.2
M895228		4.55	<0.005	0.17	6.51	16.5	1160	1.61	0.14	2.47	0.08	42.1	8.2	11	17.80	19.5
M895229		0.23	2.32	26.4	5.82	3310	920	1.54	18.05	2.13	85.8	44.6	11.8	19	15.80	433
M895230		5.04	0.005	0.20	7.01	10.6	1770	1.54	0.13	2.74	0.19	43.0	7.9	12	18.45	15.7
M895231		4.42	<0.005	0.11	6.99	3.2	1900	1.70	0.17	2.65	0.11	42.1	8.2	17	15.70	8.1
M895232		2.07	<0.005	0.08	6.75	3.5	1840	1.70	0.14	2.56	0.09	40.2	7.7	12	15.20	8.0
M895233		3.94	<0.005	0.07	6.13	5.2	1470	1.23	0.14	2.17	0.09	37.6	7.8	6	14.20	12.3
M895234		2.25	0.005	0.30	6.61	51.0	1850	1.34	0.15	2.41	0.15	55.4	8.8	10	18.15	22.5
M895235		4.68	<0.005	0.18	7.00	3.8	1960	1.71	0.12	2.41	0.15	53.6	8.4	13	13.50	43.3
M895236		4.44	0.005	0.93	7.43	44.4	840	1.91	1.41	1.89	1.65	59.8	9.5	10	15.65	15.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-74A

CERTIFICATE OF ANALYSIS WH12155875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895201		4.03	17.25	0.09	1.0	0.104	3.30	36.0	15.5	0.22	2620	11.70	0.27	7.8	2.7	690
M895202		3.40	17.70	0.11	1.2	0.042	3.02	32.9	22.8	0.37	920	2.69	1.05	8.8	2.8	740
M895203		3.35	17.70	0.09	1.2	0.061	2.97	26.4	33.6	0.33	898	1.94	0.12	8.2	2.6	670
M895204		3.51	16.35	0.10	1.1	0.150	3.11	29.7	34.5	0.65	1680	2.06	0.07	7.7	2.3	620
M895205		3.33	17.05	0.10	1.0	0.075	3.05	30.6	47.2	0.64	1820	2.14	0.04	7.8	2.5	630
M895206		4.89	14.15	0.07	0.9	0.151	2.92	20.0	16.9	0.51	3780	2.74	0.03	6.2	2.9	520
M895207		0.51	0.29	<0.05	<0.1	<0.005	0.05	0.7	1.3	13.10	234	0.16	0.01	0.2	2.2	190
M895208		3.07	17.15	0.07	1.0	0.042	2.91	22.6	22.1	0.69	1180	1.76	1.17	8.0	2.5	640
M895209		3.01	16.80	0.10	1.0	0.032	2.82	24.3	14.6	0.82	689	1.34	2.24	7.8	2.4	590
M895210		3.21	17.10	0.07	1.1	0.030	2.67	22.8	12.9	0.86	712	3.22	2.30	7.9	2.6	620
M895211		3.16	16.85	0.08	1.1	0.025	2.69	24.2	13.3	0.85	704	3.04	2.33	7.7	2.4	610
M895212		3.16	16.05	0.11	1.0	0.030	2.75	25.6	21.9	0.58	903	1.46	1.20	7.5	2.5	590
M895213		3.09	16.55	0.09	1.0	0.033	2.61	20.6	18.9	0.80	656	1.02	2.25	7.9	2.8	610
M895214		6.91	14.75	0.09	1.0	1.960	2.64	23.8	25.3	0.93	1960	14.50	0.05	6.0	16.1	450
M895215		3.08	17.25	0.10	1.1	0.037	2.62	21.3	18.8	0.76	647	1.42	2.16	8.4	2.7	610
M895216		3.02	16.90	0.10	1.1	0.053	2.95	17.5	29.7	0.56	1090	2.01	0.20	8.5	2.4	600
M895217		3.12	14.90	0.08	0.9	0.077	3.18	15.8	14.9	0.49	2140	8.68	0.05	6.7	3.3	520
M895218		2.96	16.85	0.06	1.0	0.036	2.22	15.1	30.3	0.35	955	10.70	0.06	8.4	2.3	620
M895219		3.00	17.75	0.07	1.2	0.045	2.69	21.3	42.9	0.49	923	14.65	0.09	9.1	2.5	690
M895220		3.42	16.75	0.09	1.0	0.095	3.41	19.5	24.7	0.70	2370	4.89	0.09	8.0	2.5	670
M895221		3.47	15.90	0.06	0.9	0.038	2.82	19.9	30.5	0.79	876	0.98	0.18	7.6	2.3	680
M895222		3.46	15.70	0.08	1.0	0.030	2.61	25.8	16.6	0.81	698	0.70	1.48	7.3	2.2	620
M895223		2.78	16.60	0.08	1.0	0.051	3.01	21.0	39.4	0.70	1760	0.65	0.15	7.9	2.2	640
M895224		4.29	14.35	0.06	0.9	0.248	2.72	20.9	28.8	0.90	3560	0.59	0.03	6.3	2.6	520
M895225		0.47	0.25	<0.05	<0.1	<0.005	0.04	0.5	1.1	12.55	220	0.16	0.01	0.2	1.8	150
M895226		3.01	15.50	0.09	1.0	0.051	2.78	22.7	12.5	0.72	1300	1.25	1.47	7.2	2.7	580
M895227		2.87	15.25	0.08	0.9	0.032	2.55	22.0	13.3	0.75	700	0.79	1.60	7.1	2.6	590
M895228		2.88	14.75	0.08	1.1	0.048	2.78	19.8	26.5	0.77	980	0.94	0.54	7.4	3.0	560
M895229		6.55	14.65	0.09	0.8	1.900	2.50	23.7	24.3	0.88	1800	13.60	0.04	5.6	15.9	430
M895230		2.83	15.80	0.07	1.1	0.045	2.51	20.2	23.0	0.71	658	0.67	1.85	7.4	2.9	560
M895231		2.88	16.65	0.08	1.1	0.046	2.59	19.3	13.2	0.72	636	1.27	2.14	7.8	3.6	570
M895232		2.79	15.35	0.11	1.1	0.033	2.56	18.6	11.8	0.69	613	1.11	2.09	7.1	2.8	560
M895233		2.54	13.85	0.11	1.3	0.035	2.40	18.1	55.2	0.58	652	1.18	0.60	7.8	2.2	520
M895234		2.71	14.75	0.08	1.3	0.036	2.69	28.1	55.1	0.74	723	1.08	0.49	7.6	2.8	500
M895235		2.78	16.30	0.08	1.2	0.037	2.74	26.6	16.2	0.77	635	2.70	2.08	7.9	2.9	550
M895236		3.16	15.90	0.11	1.3	0.054	3.32	28.8	22.1	0.81	1900	0.92	0.11	7.9	3.0	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-74A

CERTIFICATE OF ANALYSIS WH12155875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895201		28.6	192.5	<0.002	0.02	17.80	12.2	<1	1.8	62.3	0.61	<0.05	13.4	0.286	2.49	5.2
M895202		19.7	144.0	<0.002	<0.01	8.09	12.5	1	2.1	162.0	0.72	0.05	15.0	0.313	1.47	2.7
M895203		17.4	144.0	0.002	0.04	10.30	12.1	<1	2.0	88.9	0.67	<0.05	12.3	0.295	1.66	2.7
M895204		18.3	159.5	<0.002	0.23	17.15	11.4	1	1.9	90.8	0.66	<0.05	12.5	0.278	2.62	4.0
M895205		30.3	173.0	<0.002	0.61	24.0	11.8	1	2.0	98.1	0.62	<0.05	13.1	0.277	2.90	4.6
M895206		389	183.0	<0.002	3.19	30.4	9.1	<1	2.7	38.3	0.50	<0.05	9.8	0.217	2.67	4.8
M895207		2.5	2.5	<0.002	0.04	0.27	0.4	<1	0.3	44.1	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M895208		33.8	115.0	<0.002	0.06	7.51	11.2	<1	1.8	257	0.60	<0.05	10.1	0.284	1.48	2.6
M895209		18.1	110.0	<0.002	0.02	2.28	10.8	<1	1.8	383	0.64	<0.05	12.2	0.266	1.00	3.1
M895210		17.3	92.0	<0.002	0.02	1.79	10.7	<1	1.7	396	0.64	<0.05	10.8	0.280	0.98	2.5
M895211		17.1	92.3	0.002	0.01	1.74	10.4	<1	1.6	400	0.64	<0.05	10.9	0.276	0.97	2.6
M895212		24.5	115.5	<0.002	0.34	6.01	10.6	<1	1.7	201	0.57	<0.05	11.1	0.267	1.77	6.7
M895213		17.1	92.8	<0.002	0.01	1.11	10.8	1	1.8	398	0.59	<0.05	10.5	0.267	0.94	2.4
M895214		2880	165.5	0.003	5.02	101.0	8.4	1	9.0	94.1	0.50	0.37	10.1	0.185	2.37	5.1
M895215		22.5	96.4	<0.002	0.02	2.49	10.9	1	2.0	391	0.68	<0.05	11.5	0.271	1.01	2.7
M895216		17.2	96.4	0.002	0.06	9.72	10.1	1	1.9	134.5	0.71	<0.05	10.9	0.277	1.43	4.0
M895217		72.2	147.5	<0.002	0.87	24.0	9.1	<1	2.6	76.1	0.58	<0.05	9.9	0.236	2.68	15.0
M895218		14.1	81.6	0.003	0.04	20.9	10.5	<1	3.0	67.8	0.71	0.11	10.5	0.281	1.06	2.7
M895219		17.9	106.5	0.003	0.08	13.10	11.9	<1	3.2	103.0	0.73	<0.05	12.6	0.311	1.31	3.5
M895220		17.8	145.0	0.002	0.18	16.60	11.5	<1	4.2	102.0	0.63	0.14	9.9	0.294	2.28	2.4
M895221		15.6	91.0	0.002	0.02	7.23	10.9	1	3.6	171.5	0.64	<0.05	10.5	0.299	1.22	2.4
M895222		16.0	99.1	0.002	0.01	3.64	11.1	<1	1.9	301	0.63	<0.05	13.0	0.278	1.03	2.6
M895223		17.8	117.5	0.003	0.16	12.50	10.9	<1	2.5	125.5	0.66	<0.05	11.3	0.278	2.10	4.5
M895224		22.1	161.5	0.004	0.97	13.35	11.1	1	2.0	66.4	0.55	<0.05	12.9	0.235	2.30	4.6
M895225		1.3	1.7	0.002	0.01	0.16	0.9	1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M895226		17.8	112.0	<0.002	0.04	3.78	12.0	2	1.5	276	0.57	<0.05	11.8	0.269	1.35	3.3
M895227		13.8	105.5	<0.002	0.02	2.93	12.5	2	1.6	307	0.56	<0.05	12.0	0.266	1.01	3.4
M895228		13.1	120.0	0.002	0.12	8.75	11.8	2	1.6	123.0	0.65	<0.05	11.7	0.259	1.83	5.0
M895229		2750	152.5	0.002	4.75	80.3	9.3	2	8.4	92.7	0.44	0.37	11.1	0.176	2.15	5.3
M895230		21.0	95.1	<0.002	0.04	3.54	11.6	2	1.7	347	0.64	<0.05	12.4	0.259	1.00	2.9
M895231		19.7	89.0	0.002	0.01	1.20	11.3	1	1.6	373	0.66	<0.05	12.9	0.269	0.98	2.0
M895232		17.6	81.0	0.004	0.01	9.94	10.1	2	1.5	365	0.61	<0.05	11.7	0.257	0.90	2.1
M895233		13.0	82.4	0.002	0.03	9.49	9.5	<1	1.6	167.5	0.70	<0.05	11.1	0.232	1.01	2.6
M895234		18.3	105.5	<0.002	0.16	13.35	11.5	1	1.6	189.5	0.80	<0.05	17.8	0.236	1.62	4.6
M895235		18.8	112.0	<0.002	0.03	1.16	11.6	1	1.8	348	0.72	<0.05	16.2	0.253	1.10	4.6
M895236		103.5	162.5	<0.002	0.35	7.51	12.5	2	2.5	69.3	0.75	<0.05	18.0	0.271	2.10	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-74A

CERTIFICATE OF ANALYSIS WH12155875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895201		89	3.9	18.2	108	25.4
M895202		85	2.9	16.8	74	29.3
M895203		83	4.7	14.8	79	27.6
M895204		80	3.5	13.8	89	26.2
M895205		80	3.1	13.5	73	25.0
M895206		63	4.2	8.9	463	19.2
M895207		3	0.1	0.8	13	0.5
M895208		79	2.4	13.8	71	24.6
M895209		74	1.5	14.3	50	23.1
M895210		78	1.3	13.7	52	26.4
M895211		78	1.4	13.4	52	25.2
M895212		75	1.3	12.1	56	23.5
M895213		75	1.4	13.6	51	25.7
M895214		58	5.3	9.5	5470	26.2
M895215		76	1.3	13.8	53	25.8
M895216		76	2.3	12.5	54	26.5
M895217		79	2.5	11.0	71	20.5
M895218		76	3.0	9.8	64	24.8
M895219		84	4.5	12.8	57	26.8
M895220		86	2.7	12.5	69	22.9
M895221		84	3.0	12.4	54	21.8
M895222		79	1.6	12.5	51	22.7
M895223		78	2.4	13.0	61	24.2
M895224		65	5.7	13.4	110	20.7
M895225		3	0.1	0.8	13	<0.5
M895226		75	1.2	14.1	54	24.1
M895227		73	1.0	15.4	47	23.8
M895228		70	1.6	13.4	56	25.5
M895229		55	5.0	10.1	5060	26.8
M895230		73	1.0	14.9	58	26.7
M895231		75	0.9	14.8	53	26.7
M895232		71	0.8	13.6	50	27.2
M895233		63	2.7	12.2	50	25.4
M895234		67	3.1	16.0	54	28.9
M895235		71	1.1	17.6	51	29.2
M895236		75	1.8	14.6	226	28.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-74A

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155875

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155876

Project: Klaza-75

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

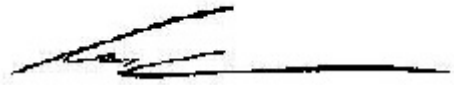
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155876

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829855		1.60	<0.005	1.16	6.36	31.5	1890	1.46	0.31	2.31	0.48	85.5	10.0	8	10.65	23.1
N829856		3.96	<0.005	0.18	7.34	10.8	2100	1.56	0.20	2.38	0.11	51.7	6.1	11	11.15	13.3
N829857		2.91	<0.005	0.29	6.80	18.9	2040	1.48	0.25	2.06	0.48	43.3	5.1	10	13.00	6.5
N829858		2.90	0.019	55.7	6.83	225	2030	1.52	0.29	2.23	27.9	48.6	5.5	8	13.25	51.2
N829859		1.91	<0.005	2.40	6.50	13.3	1420	1.42	0.17	2.87	4.43	48.5	5.3	7	23.1	7.6
N829860		1.79	<0.005	0.78	7.19	46.8	1240	1.29	0.30	1.66	1.13	53.3	6.2	9	25.4	18.4
N829861		0.23	2.35	24.4	5.79	3150	660	1.31	21.4	2.16	80.1	46.5	10.1	19	15.70	425
N829862		1.64	<0.005	1.50	7.55	12.0	1820	1.22	0.46	1.56	1.27	50.7	6.3	9	18.40	13.2
N829863		1.82	<0.005	0.20	7.67	42.5	1770	1.27	0.38	1.64	0.27	53.7	7.9	8	20.9	12.6
N829864		3.75	0.010	0.11	7.89	11.3	2010	1.23	0.40	0.95	0.14	60.8	10.2	11	19.75	10.9
N829865		2.86	<0.005	0.10	7.93	38.9	1990	1.24	0.26	1.28	0.40	54.6	6.0	8	23.7	6.5
N829866		2.47	<0.005	0.14	6.47	24.5	1850	1.43	0.23	2.49	0.31	46.2	4.8	5	18.80	6.0
N829867		0.93	<0.005	0.13	6.58	18.6	1980	1.40	0.21	2.24	0.19	43.4	4.4	4	21.7	5.8
N829868		3.50	<0.005	0.17	6.74	14.7	3060	1.18	0.47	1.81	0.63	49.6	4.0	4	12.95	3.2
N829869		2.03	0.083	2.09	6.61	413	890	1.16	2.15	1.90	1.40	50.5	8.0	4	14.90	6.3
N829870		3.53	0.007	0.41	7.07	16.3	2260	1.52	1.04	1.98	0.17	51.4	9.0	6	13.60	6.0
N829871		1.97	0.008	0.53	6.32	19.1	1920	1.26	1.40	2.65	0.24	51.2	25.6	4	19.60	5.0
N829872		0.24	0.844	9.37	6.54	1780	1260	1.38	5.80	1.84	40.2	50.7	15.4	17	20.5	98.9
N829873		1.62	0.008	0.14	7.04	10.0	1540	1.26	0.27	1.83	0.14	45.5	6.4	4	25.1	4.4
N829874		1.60	0.026	1.19	6.57	133.0	4030	1.28	1.15	2.01	1.86	43.5	12.7	6	14.80	8.8
N829875		3.68	5.66	5.57	5.19	289	260	0.72	3.40	0.77	7.40	21.2	95.2	6	7.10	20.8
N829876		3.81	0.020	0.70	7.11	45.4	2170	1.35	0.51	1.94	5.92	51.2	10.6	6	12.55	17.1
N829877		0.78	0.050	0.03	0.09	5	20	0.07	0.03	21.3	0.09	1.52	2.4	<1	0.20	1.5
N829878		2.91	<0.005	0.14	7.30	18.6	2180	1.38	0.49	2.36	0.10	43.7	5.8	7	12.80	9.1
N829879		3.96	<0.005	0.19	7.33	7.8	2050	1.48	0.26	2.44	0.15	43.7	5.7	6	16.60	10.2
N829880		1.85	0.077	2.71	6.54	283	1650	1.27	1.51	2.46	5.37	41.4	6.6	7	18.05	56.6
N829881		4.86	<0.005	0.17	6.84	5.7	1980	1.42	0.32	2.37	0.13	46.5	5.4	8	14.85	14.4
N829882		2.16	<0.005	0.01	0.09	<5	20	0.07	0.02	20.9	0.06	1.60	2.4	<1	0.44	1.8
N829883		3.01	<0.005	0.23	6.97	15.4	2330	1.23	0.37	1.88	0.10	48.4	6.2	5	11.85	32.7
N829884		2.53	<0.005	0.15	7.13	8.0	1920	1.27	0.20	2.14	0.11	47.0	5.2	7	11.60	9.7
N829885		4.17	<0.005	0.13	7.14	4.7	2080	1.42	0.22	2.63	0.11	49.6	6.5	10	10.60	14.1
N829886		3.48	<0.005	0.14	7.01	5.2	2120	1.44	0.18	2.70	0.10	45.8	6.4	8	10.55	18.8
N829887		<0.02	<0.005	0.14	7.22	5.3	2110	1.38	0.18	2.70	0.11	50.2	6.5	8	10.95	20.6
N829888		4.93	<0.005	0.19	7.53	5.3	2100	1.57	0.19	2.60	0.15	56.3	6.0	9	9.98	13.6
N829889		2.06	<0.005	0.15	7.11	5.5	1910	1.42	0.17	2.73	0.10	48.5	5.2	7	10.60	8.9
N829890		2.05	2.91	>100	5.54	746	230	0.99	36.1	2.58	18.10	45.3	86.2	4	13.40	547

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155876

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829855		2.25	15.40	0.18	1.7	0.077	3.35	43.6	11.4	0.54	796	2.87	1.58	7.6	1.7	380
N829856		2.86	17.00	0.17	1.4	0.072	2.80	26.1	11.9	0.73	641	2.63	2.23	8.0	2.1	570
N829857		2.69	16.50	0.16	1.4	0.086	3.52	20.4	20.7	0.59	970	1.61	1.49	8.4	2.0	530
N829858		3.23	15.95	0.18	1.4	0.133	3.41	23.6	18.9	0.63	1660	1.75	1.05	7.9	1.8	530
N829859		2.92	14.40	0.15	1.4	0.067	2.54	24.4	83.1	0.92	2150	1.19	0.26	7.2	1.7	490
N829860		2.77	16.35	0.17	1.5	0.045	2.75	26.3	152.5	0.54	1330	1.33	0.09	8.3	2.0	570
N829861		6.53	14.25	0.22	0.9	1.740	2.54	24.0	25.0	0.89	1860	13.95	0.04	5.9	14.4	430
N829862		2.88	16.85	0.15	1.6	0.044	2.88	24.2	42.5	0.50	1130	1.43	0.19	8.2	2.4	610
N829863		3.02	18.05	0.17	1.3	0.044	2.93	26.7	90.5	0.59	829	1.67	0.23	8.5	2.3	620
N829864		3.14	17.50	0.17	1.6	0.050	2.98	31.3	33.0	0.48	836	1.49	0.17	8.6	2.5	620
N829865		3.03	18.05	0.18	1.6	0.072	2.96	27.2	37.6	0.48	958	1.38	0.08	8.7	1.9	610
N829866		2.91	14.35	0.23	1.3	0.084	2.95	22.5	74.2	0.83	978	0.97	0.54	8.0	2.3	560
N829867		2.77	14.15	0.25	1.3	0.077	3.06	20.8	74.5	0.75	868	1.17	0.59	8.2	2.1	570
N829868		2.86	13.55	0.25	1.4	0.105	3.67	24.4	20.6	0.68	1730	1.12	0.75	8.0	2.0	530
N829869		3.29	13.45	0.20	1.2	0.166	2.95	26.5	26.1	0.66	3780	5.55	0.03	7.2	2.3	490
N829870		3.21	14.15	0.24	1.3	0.129	2.91	26.2	152.0	0.80	1640	1.76	0.06	7.8	2.2	540
N829871		3.31	12.45	0.23	1.1	0.101	2.32	28.4	75.8	1.01	1450	5.08	0.04	6.5	2.5	480
N829872		5.18	13.55	0.22	1.3	0.986	2.68	26.0	18.5	0.67	1960	11.40	0.25	7.7	12.9	480
N829873		2.89	14.30	0.21	1.3	0.059	2.65	22.2	114.0	0.63	1060	1.61	0.07	8.2	2.0	600
N829874		3.02	12.50	0.21	1.4	0.116	2.27	22.1	63.1	0.66	3500	5.18	0.03	7.7	3.1	540
N829875		6.85	9.58	0.15	0.8	0.494	2.09	11.3	14.4	0.38	2390	6.09	0.08	5.1	2.7	340
N829876		3.04	14.25	0.21	1.4	0.207	3.36	25.1	9.5	0.57	2540	2.09	1.19	8.2	2.3	550
N829877		0.50	0.54	0.39	<0.1	0.010	0.03	0.7	0.8	12.45	241	0.28	0.01	0.5	3.8	150
N829878		2.81	16.95	0.22	1.4	0.074	2.77	22.1	9.7	0.65	606	1.63	2.26	8.4	2.2	560
N829879		2.76	15.00	0.29	1.5	0.045	2.71	21.8	10.1	0.62	556	1.32	2.17	8.4	2.0	570
N829880		2.96	13.55	0.25	1.2	0.127	2.50	20.4	18.9	0.72	869	10.30	1.18	7.3	2.4	520
N829881		2.76	13.70	0.28	1.4	0.062	2.69	22.5	9.2	0.66	620	1.67	2.06	8.0	2.1	560
N829882		0.48	0.61	0.40	<0.1	0.007	0.04	0.8	1.0	12.35	222	0.10	0.01	0.5	4.3	180
N829883		3.13	15.00	0.25	1.4	0.151	3.33	25.0	13.6	0.69	898	1.58	0.90	7.8	1.9	490
N829884		2.92	14.50	0.30	1.4	0.082	2.77	23.7	9.5	0.64	680	1.75	1.64	7.8	2.2	560
N829885		2.94	13.90	0.28	1.6	0.044	2.66	23.7	9.0	0.76	657	2.71	2.28	8.1	2.4	600
N829886		2.85	13.50	0.28	1.3	0.044	2.61	21.8	10.6	0.74	631	2.90	2.28	7.7	2.2	570
N829887		2.87	13.45	0.29	1.4	0.046	2.61	24.3	10.8	0.75	628	3.03	2.30	7.8	2.2	560
N829888		3.17	14.00	0.29	1.3	0.054	2.70	27.1	10.3	0.83	676	2.82	2.39	8.4	2.4	630
N829889		3.01	13.70	0.27	1.2	0.050	2.64	23.5	8.3	0.75	630	1.79	2.12	7.9	2.3	610
N829890		8.95	11.30	0.30	0.9	1.150	2.40	23.6	8.8	0.70	3380	1.88	0.37	6.6	3.8	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155876

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829855		26.8	143.5	<0.002	0.11	5.82	7.8	1	1.8	218	0.81	0.05	25.5	0.166	1.62	5.9
N829856		16.4	118.0	<0.002	0.03	3.16	10.7	1	2.0	333	0.65	<0.05	15.0	0.231	1.23	4.0
N829857		18.3	135.5	<0.002	0.06	7.56	9.7	1	1.9	238	0.75	<0.05	12.5	0.236	1.76	5.4
N829858		1480	151.5	<0.002	0.46	55.3	9.7	1	2.7	202	0.72	<0.05	13.7	0.224	2.08	4.9
N829859		175.5	111.0	<0.002	0.11	25.5	9.1	1	2.1	226	0.67	<0.05	14.1	0.203	1.77	8.1
N829860		26.5	118.5	<0.002	0.16	33.6	10.3	1	1.8	121.5	0.75	<0.05	14.9	0.234	1.58	4.3
N829861		2730	163.5	<0.002	4.61	92.6	8.0	2	8.4	88.6	0.47	0.46	11.7	0.171	2.36	5.8
N829862		83.9	115.5	<0.002	0.04	19.35	10.9	1	2.0	108.5	0.80	<0.05	15.1	0.251	1.58	3.4
N829863		20.2	122.5	<0.002	0.06	15.25	11.4	1	2.2	114.0	0.69	<0.05	14.9	0.256	1.47	3.2
N829864		16.7	142.5	<0.002	0.12	15.05	11.2	1	2.1	77.0	0.74	0.14	17.5	0.255	1.51	4.6
N829865		15.4	139.5	<0.002	0.04	16.10	11.3	1	1.9	80.2	0.78	<0.05	16.4	0.254	1.58	3.7
N829866		12.5	102.0	<0.002	0.13	14.10	9.7	1	1.8	198.5	0.67	<0.05	10.2	0.228	1.68	6.2
N829867		12.9	111.5	<0.002	0.12	13.45	9.8	1	2.0	187.0	0.68	<0.05	10.0	0.235	1.82	5.0
N829868		10.0	128.5	<0.002	0.21	9.41	9.3	1	2.1	115.5	0.68	0.05	10.5	0.228	2.05	3.6
N829869		102.5	145.5	<0.002	2.13	23.7	9.0	1	3.2	55.1	0.62	0.22	11.1	0.216	2.56	4.4
N829870		19.2	100.5	<0.002	0.32	17.65	9.6	1	2.7	113.5	0.67	0.14	11.3	0.228	1.85	3.8
N829871		35.0	105.5	<0.002	0.41	31.9	8.6	1	2.0	123.0	0.56	0.23	10.8	0.194	1.70	8.5
N829872		1300	139.5	0.002	3.02	35.6	8.7	2	6.4	139.0	0.63	0.37	9.9	0.199	2.32	4.3
N829873		11.1	92.7	<0.002	0.10	27.6	9.7	1	2.1	133.0	0.70	<0.05	11.4	0.244	1.61	3.2
N829874		139.0	90.4	<0.002	0.72	35.3	8.6	1	1.9	122.5	0.64	0.14	10.8	0.222	1.89	3.9
N829875		726	119.0	<0.002	5.85	36.5	10.3	1	4.0	41.6	0.36	1.23	6.4	0.142	1.90	3.6
N829876		118.5	137.0	<0.002	0.31	11.75	9.3	1	2.3	212	0.69	0.09	10.6	0.228	1.98	2.9
N829877		7.2	1.4	<0.002	0.03	0.17	0.3	1	<0.2	39.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N829878		15.4	121.0	<0.002	0.02	3.51	10.2	1	1.8	337	0.72	<0.05	12.1	0.239	1.26	2.7
N829879		17.3	110.5	<0.002	0.02	3.15	9.5	1	1.9	358	0.76	<0.05	11.4	0.245	1.14	3.1
N829880		325	93.1	0.002	0.55	16.35	8.8	1	2.5	214	0.60	0.11	9.6	0.227	1.29	3.9
N829881		15.8	92.0	<0.002	0.02	3.00	9.4	1	2.1	329	0.67	<0.05	10.1	0.242	1.18	2.9
N829882		1.4	1.9	<0.002	0.01	0.05	0.5	1	<0.2	37.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829883		13.7	136.0	<0.002	0.15	16.25	8.9	1	1.8	132.0	0.71	<0.05	13.4	0.215	1.68	3.3
N829884		15.2	103.5	<0.002	0.06	7.84	9.4	1	1.8	251	0.67	<0.05	11.2	0.234	1.24	3.0
N829885		17.7	89.0	<0.002	0.01	3.17	9.7	1	2.1	367	0.74	<0.05	10.5	0.248	1.08	3.5
N829886		15.7	80.2	<0.002	0.02	4.69	9.1	1	1.9	375	0.66	<0.05	9.7	0.241	1.06	3.2
N829887		15.8	84.6	<0.002	0.02	4.83	9.3	1	1.9	380	0.68	<0.05	10.4	0.241	1.06	3.6
N829888		18.0	84.7	<0.002	0.01	8.47	10.3	2	2.1	414	0.71	<0.05	10.1	0.264	1.15	3.0
N829889		13.9	80.3	<0.002	0.02	24.0	9.3	1	2.0	365	0.66	<0.05	9.0	0.253	1.20	2.8
N829890		4860	147.0	<0.002	8.67	1195	8.2	2	2.4	71.4	0.55	5.28	8.3	0.188	1.81	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155876

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N829855		45	2.4	15.3	51	47.0	
N829856		63	2.1	16.8	42	41.3	
N829857		64	2.8	15.0	90	41.9	
N829858		62	3.3	14.8	1280	40.0	
N829859		58	4.1	15.7	298	38.3	
N829860		65	6.9	16.2	126	41.4	
N829861		53	5.2	10.4	5180	26.3	
N829862		73	5.7	16.3	115	41.0	
N829863		71	4.2	17.3	68	40.6	
N829864		71	8.6	18.0	47	43.5	
N829865		67	6.3	17.6	107	43.7	
N829866		64	3.8	12.8	120	35.0	
N829867		67	3.7	12.5	94	36.4	
N829868		63	2.9	10.7	266	35.2	
N829869		60	5.8	9.9	447	31.6	
N829870		63	3.5	11.1	132	34.1	
N829871		56	6.3	12.6	81	29.1	
N829872		55	5.5	9.9	2910	37.1	
N829873		69	4.0	12.0	76	33.3	
N829874		59	9.7	12.7	817	36.5	
N829875		63	24.4	4.9	443	20.6	
N829876		64	9.5	12.7	619	35.4	
N829877		3	0.2	0.8	20	<0.5	
N829878		65	2.4	15.2	55	39.2	
N829879		66	1.8	13.9	51	37.8	
N829880		63	5.7	11.8	430	32.4	
N829881		67	2.8	12.9	49	36.4	
N829882		3	0.1	0.8	14	<0.5	
N829883		58	5.0	13.2	51	38.2	
N829884		64	2.6	13.2	47	37.6	
N829885		70	2.6	13.6	49	38.5	
N829886		66	2.4	12.6	48	34.4	
N829887		66	2.9	13.0	47	34.9	
N829888		74	2.7	13.9	52	29.7	
N829889		68	1.9	12.2	45	26.8	
N829890		48	5.3	10.6	2870	21.2	299

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155876

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155877

Project: Klaza-75

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

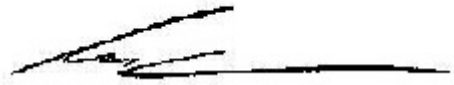
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155877

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829891		3.59	0.035	24.5	7.24	26.7	2040	1.41	0.48	2.21	0.68	49.8	6.5	9	9.15	55.4
N829892		3.93	<0.005	0.08	7.08	10.2	1980	1.62	0.19	2.36	0.12	47.6	7.6	12	9.30	12.0
N829893		1.79	<0.005	0.11	6.66	9.1	2080	1.39	0.25	3.18	0.09	36.4	7.9	10	8.80	3.6
N829894		2.79	<0.005	0.06	7.82	11.6	1640	1.35	2.01	2.17	0.08	47.9	13.4	11	7.92	2.9
N829895		2.61	<0.005	<0.01	0.06	<5	20	0.05	0.02	21.3	0.06	1.21	1.3	1	0.16	4.5
N829896		3.61	<0.005	0.07	7.21	7.1	1980	1.58	0.37	2.44	0.11	56.8	6.3	10	8.59	7.7
N829897		3.60	<0.005	0.06	7.09	7.8	1930	1.43	0.24	2.51	0.13	44.6	6.9	7	7.56	5.0
N829898		2.72	<0.005	0.08	7.16	6.1	1930	1.59	0.20	2.39	0.13	42.9	5.3	9	8.89	9.5
N829899		2.91	0.034	0.42	7.04	87.7	1840	1.38	0.30	2.21	0.36	44.5	3.6	7	8.86	7.3
N829900		2.29	0.038	0.69	6.98	12.6	2560	1.26	0.91	1.56	0.08	45.5	2.1	7	7.95	107.5
N828801		5.45	<0.005	0.27	7.31	10.3	3110	1.17	0.53	1.61	0.11	46.7	3.0	5	7.43	14.2
N828802		2.99	<0.005	0.14	7.47	13.4	2240	1.44	0.31	1.39	0.10	51.7	1.4	7	12.90	6.9
N828803		1.29	<0.005	0.38	0.10	<5	30	0.06	0.03	19.45	0.06	1.42	0.5	<1	0.20	2.5
N828804		4.48	<0.005	0.31	6.84	17.3	1860	1.43	0.36	2.62	0.13	39.7	2.5	5	10.05	10.9
N828805		3.79	<0.005	0.17	7.25	10.1	1990	1.64	0.27	2.52	0.10	46.2	6.3	7	11.70	6.1
N828806		2.40	<0.005	0.81	7.11	11.3	2210	1.35	0.22	2.20	0.10	42.1	6.4	7	13.30	9.6
N828807		3.48	0.065	0.65	6.80	21.4	2340	1.42	0.42	2.60	0.24	39.5	6.1	5	14.80	207
N828808		1.67	0.032	0.37	6.76	199.5	1880	1.48	0.20	2.12	1.49	39.0	6.2	6	17.55	7.5
N828809		0.83	0.099	0.84	6.69	520	2760	1.48	0.21	2.53	3.43	43.3	6.6	4	17.50	8.5
N828810		2.76	<0.005	0.09	7.22	10.1	1990	1.69	0.21	2.25	0.12	45.9	6.5	7	14.50	6.9
N828811		4.18	0.006	0.11	6.82	17.7	2110	1.51	0.23	2.53	0.14	38.4	5.9	6	18.40	4.9
N828812		4.10	<0.005	0.32	6.56	20.1	1390	1.49	0.34	2.59	0.32	46.3	4.8	4	16.60	3.6
N828813		3.03	0.005	0.16	6.63	9.4	1660	1.57	0.29	2.33	0.08	42.6	3.8	7	13.85	3.2
N828814		0.23	0.796	10.30	6.44	1730	1570	1.35	5.61	1.84	40.9	41.8	15.0	18	15.70	105.0
N828815		4.00	<0.005	0.27	7.71	7.9	2110	1.93	0.24	2.50	0.16	46.7	6.1	9	10.85	5.7
N828816		3.53	<0.005	0.10	7.04	9.9	2300	1.44	0.20	2.39	0.10	42.4	5.3	6	8.87	3.7
N828817		4.83	<0.005	0.11	7.23	8.2	2020	1.61	0.27	2.58	0.14	47.0	7.4	9	9.48	12.9
N828818		5.51	<0.005	0.14	6.91	6.6	1980	1.56	0.42	2.45	0.16	42.1	6.5	7	10.85	9.2
N828819		<0.02	<0.005	0.11	6.97	6.9	1960	1.53	0.38	2.44	0.16	50.6	6.5	7	11.05	9.3
N828820		5.25	<0.005	0.09	7.35	7.8	2210	1.69	0.29	2.48	0.15	46.7	7.1	8	10.10	9.2
N828821		4.51	<0.005	0.07	7.05	8.0	2170	1.61	0.36	2.59	0.16	45.2	7.2	8	11.00	19.2
N828822		3.68	<0.005	0.09	7.02	10.5	1790	1.29	0.63	2.28	0.21	38.4	6.5	6	19.40	11.0
N828823		0.23	2.27	27.4	5.81	3220	1400	1.50	16.95	2.10	79.2	42.8	10.1	17	14.55	412
N828824		2.64	0.005	0.14	7.02	17.7	2000	1.69	0.59	2.74	0.20	40.5	8.2	11	15.05	26.2
N828825		4.79	<0.005	0.09	6.73	10.6	2120	1.74	0.93	2.64	0.20	39.2	7.6	11	13.10	10.1
N828826		5.44	<0.005	0.11	6.78	10.4	2020	1.54	0.53	2.56	0.10	37.8	6.7	12	14.25	12.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155877

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829891		2.79	18.95	0.13	1.3	0.083	2.88	27.9	11.5	0.69	623	1.37	2.04	8.7	2.8	530
N829892		2.72	18.05	0.14	1.5	0.047	2.79	24.5	12.3	0.67	581	1.48	2.09	9.1	2.4	550
N829893		2.69	16.00	0.07	1.3	0.045	2.99	18.3	12.6	0.65	554	1.08	2.12	7.9	2.4	540
N829894		3.25	17.65	0.10	1.4	0.123	2.62	24.7	18.3	0.84	574	0.99	2.96	8.7	2.8	580
N829895		0.45	0.31	<0.05	<0.1	<0.005	0.03	0.6	0.9	13.45	223	0.24	0.01	0.3	2.9	170
N829896		2.67	16.55	0.12	1.5	0.042	2.75	29.4	14.1	0.74	583	1.24	2.27	7.9	2.2	560
N829897		2.84	16.25	0.10	1.1	0.074	2.71	22.4	13.8	0.79	673	0.94	2.32	7.5	2.2	540
N829898		2.80	15.60	0.11	1.3	0.045	2.77	20.6	10.9	0.73	669	1.00	2.10	7.2	2.3	550
N829899		3.11	16.25	0.12	1.3	0.115	3.05	21.1	11.7	0.69	1140	0.74	1.94	7.4	2.4	550
N829900		2.61	14.60	0.11	1.5	0.189	3.65	24.0	13.4	0.53	911	0.82	1.47	7.0	1.7	420
N828801		3.06	15.95	0.13	1.2	0.186	3.13	25.4	18.7	0.74	1140	0.71	0.77	7.3	2.0	530
N828802		3.41	17.00	0.11	1.5	0.187	2.29	28.2	25.1	0.61	1120	0.27	1.93	7.8	2.2	570
N828803		0.46	0.33	0.06	<0.1	0.005	0.04	0.7	1.3	12.35	195	0.15	0.01	0.2	1.8	160
N828804		3.07	16.05	0.08	1.3	0.180	2.60	17.8	17.6	0.86	1170	0.56	1.82	6.8	2.2	520
N828805		2.72	16.75	0.12	1.3	0.052	2.75	21.2	10.6	0.70	604	1.18	2.04	7.7	2.3	550
N828806		2.79	15.95	0.13	1.3	0.062	2.82	19.6	16.9	0.65	703	3.27	1.51	7.6	2.3	580
N828807		2.90	15.40	0.11	1.3	0.104	2.70	19.8	60.0	0.79	1160	2.64	0.48	7.1	2.3	540
N828808		2.61	15.30	0.11	1.3	0.038	3.03	19.0	173.0	0.73	1300	2.01	0.16	7.1	2.1	540
N828809		2.82	14.90	0.11	1.1	0.040	2.78	21.7	159.5	0.87	1700	1.87	0.15	6.6	2.0	520
N828810		2.76	16.65	0.13	1.3	0.048	2.85	22.2	15.4	0.66	582	0.99	1.92	7.8	2.3	550
N828811		2.69	15.60	0.11	1.4	0.051	2.79	17.7	74.5	0.69	843	1.19	1.14	7.4	2.2	540
N828812		2.39	15.55	0.11	1.3	0.055	2.39	22.8	166.0	0.88	1080	1.94	0.09	7.2	2.2	510
N828813		2.65	15.60	0.11	1.3	0.057	2.75	20.1	40.6	0.53	620	0.89	1.60	7.3	2.1	530
N828814		5.04	14.80	0.10	1.3	0.880	2.74	20.3	23.9	0.68	1900	11.40	0.26	6.6	14.7	480
N828815		2.98	17.20	0.13	1.4	0.042	2.86	21.8	17.7	0.76	639	3.16	2.22	8.2	2.7	570
N828816		2.79	15.95	0.12	1.1	0.068	2.79	22.2	14.3	0.69	644	1.67	2.04	7.3	2.1	530
N828817		2.86	17.15	0.13	1.2	0.044	2.55	24.1	18.0	0.78	615	2.36	2.23	7.8	2.5	590
N828818		2.65	16.25	0.11	1.3	0.039	2.59	20.1	19.9	0.69	605	1.38	2.09	7.6	2.3	520
N828819		2.65	17.05	0.14	1.3	0.045	2.60	24.1	20.6	0.69	607	1.40	2.11	8.0	2.4	530
N828820		2.80	16.85	0.12	1.4	0.037	2.69	22.2	18.1	0.71	601	1.39	2.24	8.0	2.4	540
N828821		2.82	17.10	0.11	1.3	0.044	2.52	21.6	17.9	0.74	653	1.11	2.17	7.9	2.4	570
N828822		2.68	16.00	0.11	1.2	0.041	2.47	17.0	133.0	0.69	693	0.92	0.65	7.4	2.2	550
N828823		6.32	14.80	0.12	0.9	1.670	2.48	24.7	24.1	0.87	1780	12.55	0.04	5.6	15.6	410
N828824		2.95	17.15	0.10	1.1	0.041	2.46	21.0	21.1	0.69	617	1.34	2.07	8.3	3.3	580
N828825		2.95	16.90	0.13	1.2	0.037	2.53	20.0	22.4	0.72	652	1.44	2.07	8.5	3.0	550
N828826		2.82	16.45	0.12	1.1	0.036	2.61	19.6	16.3	0.69	642	1.46	2.10	8.1	2.6	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155877

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N829891		171.0	114.5	0.002	0.12	70.2	9.9	1	1.9	393	0.64	<0.05	14.8	0.232	1.25	3.8
N829892		18.8	114.5	0.004	0.04	7.50	11.2	1	1.7	352	0.71	<0.05	14.9	0.234	1.20	4.2
N829893		14.2	108.0	<0.002	0.09	7.04	9.2	1	1.5	399	0.64	0.05	10.4	0.238	1.32	3.6
N829894		11.8	108.5	<0.002	0.35	11.20	11.0	1	1.9	249	0.73	0.86	14.1	0.251	1.28	4.8
N829895		1.3	1.5	<0.002	0.01	0.07	0.3	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N829896		17.9	111.0	0.002	0.05	3.39	9.8	1	1.9	366	0.72	0.08	14.4	0.239	1.11	4.3
N829897		15.9	105.0	0.002	0.04	3.60	9.6	<1	1.9	337	0.61	<0.05	11.3	0.238	1.10	4.0
N829898		19.9	100.0	0.002	0.03	6.28	9.1	<1	1.8	356	0.62	<0.05	11.8	0.242	1.16	3.6
N829899		164.5	119.5	<0.002	0.25	33.3	9.7	1	2.0	250	0.61	<0.05	12.0	0.246	1.43	4.0
N829900		13.9	138.5	<0.002	0.15	10.95	7.3	1	2.1	176.0	0.77	<0.05	17.9	0.186	1.49	5.5
N828801		10.7	117.0	0.003	0.16	13.15	9.6	1	2.4	115.0	0.61	<0.05	13.9	0.243	1.42	2.4
N828802		12.3	88.2	0.002	0.10	15.20	10.6	1	2.0	155.0	0.81	<0.05	14.2	0.249	1.18	4.2
N828803		1.9	1.6	<0.002	0.02	0.11	0.2	<1	0.3	38.9	<0.05	<0.05	0.2	<0.005	<0.02	0.4
N828804		15.1	91.1	0.002	0.20	7.05	8.7	1	2.3	226	0.64	<0.05	11.2	0.229	1.43	4.7
N828805		16.2	102.0	0.002	0.04	4.41	9.7	1	1.9	355	0.65	<0.05	11.0	0.249	1.21	3.6
N828806		16.3	99.7	0.002	0.12	6.74	9.5	1	1.9	280	0.63	<0.05	11.8	0.251	1.29	3.3
N828807		21.9	96.1	0.003	0.24	20.4	9.1	1	1.8	192.0	0.63	<0.05	11.3	0.236	1.53	4.6
N828808		66.1	100.5	0.003	0.32	21.0	9.3	1	1.9	182.0	0.62	<0.05	11.4	0.244	1.72	5.0
N828809		154.0	109.5	0.002	0.58	25.1	8.9	1	1.9	191.5	0.55	<0.05	11.6	0.210	1.71	5.8
N828810		18.6	114.5	0.002	0.04	4.23	10.0	1	2.0	334	0.68	<0.05	13.0	0.245	1.29	4.2
N828811		18.7	96.2	0.003	0.12	8.73	9.1	1	1.9	265	0.68	<0.05	11.5	0.239	1.37	3.7
N828812		15.5	89.2	0.002	0.14	15.45	8.9	1	1.8	203	0.65	<0.05	11.8	0.217	1.36	4.7
N828813		14.1	103.5	0.002	0.01	7.50	9.5	<1	1.9	270	0.68	<0.05	11.8	0.236	1.28	3.2
N828814		1295	143.5	0.005	3.08	33.0	8.2	1	5.8	147.0	0.59	0.44	11.0	0.202	2.40	4.9
N828815		21.6	105.0	0.003	0.01	3.54	9.8	1	2.3	388	0.70	<0.05	11.7	0.258	1.10	3.3
N828816		15.9	103.5	0.004	0.03	3.74	9.5	<1	2.1	306	0.62	<0.05	11.9	0.246	1.19	2.9
N828817		20.9	101.0	0.003	0.03	2.80	10.6	1	2.1	392	0.64	<0.05	12.2	0.259	1.10	3.5
N828818		24.0	95.2	0.002	0.02	2.59	9.5	1	2.0	351	0.68	<0.05	12.3	0.237	1.06	3.7
N828819		23.5	104.0	0.004	0.02	2.57	9.7	1	2.2	353	0.69	<0.05	13.5	0.239	1.09	3.8
N828820		22.8	105.0	0.002	0.01	2.24	9.8	1	2.5	391	0.75	<0.05	12.5	0.251	1.08	3.8
N828821		21.8	94.4	0.004	0.02	2.31	10.4	<1	2.2	393	0.67	<0.05	11.4	0.247	1.02	4.0
N828822		23.3	77.4	0.002	0.07	15.25	9.3	<1	2.5	215	0.62	<0.05	9.7	0.247	1.20	3.2
N828823		2650	153.0	0.002	4.71	95.5	7.8	1	8.4	90.7	0.45	0.43	9.8	0.173	2.21	5.0
N828824		27.5	92.8	<0.002	0.08	3.16	10.9	1	4.5	380	0.65	<0.05	10.8	0.258	1.17	3.8
N828825		31.2	86.9	<0.002	0.06	2.05	10.2	1	2.0	368	0.70	<0.05	11.1	0.253	1.12	4.0
N828826		21.8	88.5	<0.002	0.03	2.53	9.8	1	1.7	372	0.65	<0.05	11.4	0.242	1.12	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12155877

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829891		64	1.9	18.1	101	35.5
N829892		63	1.9	18.1	45	38.9
N829893		62	1.8	13.1	45	35.2
N829894		68	2.4	16.7	47	36.5
N829895		2	0.1	0.9	14	<0.5
N829896		65	1.2	17.8	46	39.3
N829897		64	1.3	16.2	48	31.9
N829898		66	1.3	15.2	50	31.3
N829899		65	2.1	14.6	87	32.1
N829900		48	5.1	12.9	48	35.6
N828801		64	4.2	13.7	63	30.6
N828802		73	4.7	16.7	66	37.1
N828803		3	0.1	0.8	13	1.4
N828804		64	4.0	14.0	59	30.9
N828805		67	1.8	14.9	48	32.9
N828806		69	5.6	14.8	53	32.0
N828807		65	3.5	15.3	68	31.3
N828808		66	2.8	14.3	153	32.7
N828809		58	2.7	15.2	255	31.1
N828810		66	1.7	15.9	52	34.4
N828811		64	1.8	13.9	48	32.9
N828812		59	2.2	15.1	66	32.5
N828813		64	2.0	14.5	51	31.6
N828814		56	5.1	10.8	2910	34.4
N828815		70	1.3	16.9	56	35.3
N828816		66	1.6	15.6	51	28.1
N828817		70	2.4	17.3	53	32.2
N828818		64	1.4	15.5	54	32.5
N828819		64	1.3	17.2	53	33.9
N828820		67	1.4	16.7	54	34.2
N828821		68	1.7	17.2	53	33.4
N828822		67	2.4	14.2	57	30.2
N828823		54	5.0	10.7	5130	25.0
N828824		70	1.5	15.5	58	31.9
N828825		69	1.5	15.2	62	32.8
N828826		66	1.2	14.4	48	31.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-75

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155877

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155878

Project: Klaza-77

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155878

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M897237		11.76	0.018		0.39	7.12	67.1	1290	1.22	0.89	0.13	1.68	52.1	9.3	8	12.50
M897238		7.64	0.039		1.01	7.15	46.1	1480	1.29	1.76	0.18	3.40	51.5	15.6	8	18.55
M897239		11.78	0.014		0.35	7.88	25.4	2150	1.76	1.00	0.50	9.12	57.1	9.6	9	16.55
M897240		9.73	0.019		1.01	7.87	28.6	1790	1.33	2.77	0.45	33.5	59.8	15.2	8	17.50
M897241		4.53	0.087		4.60	7.49	121.0	890	1.93	5.54	0.94	38.9	57.0	11.2	10	20.7
M897242		5.23	0.018		0.90	7.61	35.6	510	1.97	0.59	1.22	13.35	63.6	13.8	31	41.5
M897243		14.83	<0.005		0.05	7.19	14.2	1090	1.85	0.12	2.32	0.69	57.2	6.8	20	38.0
M897244		11.82	<0.005		0.04	7.03	11.9	1870	1.93	0.12	2.52	0.35	55.2	5.7	15	32.5
M897245		6.79	0.006		0.17	6.87	19.1	960	1.82	0.24	2.65	0.47	53.8	5.9	19	21.9
M897246		6.28	0.015		0.94	7.11	42.6	1250	1.89	1.10	2.24	1.95	57.7	7.3	27	23.3
M897247		4.75	0.174		9.91	6.98	919	350	2.00	11.60	0.53	44.0	62.8	13.0	9	35.1
M897248		2.22	<0.005		0.02	0.10	<5	20	0.06	0.04	19.45	0.09	1.21	1.8	1	0.46
M897249		10.35	0.005		0.36	5.19	22.3	890	2.11	0.61	0.43	2.00	17.00	1.0	4	22.5
M897250		0.22	0.769		10.10	6.54	1780	300	1.44	6.33	1.82	40.6	43.7	16.2	21	17.15
M897401		12.71	0.006		0.37	7.12	13.6	1920	1.75	1.23	1.89	1.72	39.8	10.2	9	12.40
M897402		6.19	0.008		0.32	7.31	13.0	2110	1.70	1.07	1.70	1.30	40.0	9.8	8	14.00
M897403		4.39	0.105		2.48	5.84	81.4	370	1.50	4.19	0.46	9.71	39.6	63.1	9	9.53
M897404		11.57	0.016		1.14	7.15	31.3	490	1.51	1.91	1.15	4.42	46.4	27.4	9	13.35
M897405		4.07	0.015		2.27	6.86	39.3	300	1.29	3.67	1.24	1.99	35.5	43.1	8	13.30
M897406		2.32	<0.005		0.03	0.07	<5	20	0.05	0.14	21.2	0.07	1.44	1.5	2	0.18
M897407		7.64	0.006		0.96	6.90	20.5	800	1.13	1.50	1.50	1.87	47.4	13.5	14	17.30
M897408		<0.02	0.009		0.90	6.89	18.7	720	1.27	1.38	1.52	1.67	48.1	14.2	8	17.55
M897409		6.76	0.023		1.72	6.93	45.9	480	1.13	1.53	1.38	9.25	46.4	19.1	7	15.75
M897410		4.86	0.016		1.46	6.79	33.1	530	1.10	1.46	1.22	3.52	47.0	23.4	8	15.55
M897411		0.21	0.767		10.45	6.41	1710	490	1.52	5.19	1.78	41.9	41.5	16.7	24	17.30
M897412		11.11	0.015		1.23	6.88	34.5	390	1.51	1.69	2.59	8.18	52.0	22.0	7	15.70
M897413		5.48	0.127		3.63	6.16	83.3	590	1.40	4.75	0.82	3.59	40.0	44.3	8	17.45
M897414		11.79	0.010		0.80	6.91	35.2	670	1.55	1.61	2.00	1.03	61.5	27.2	9	15.50
M897415		13.45	0.005		0.37	6.71	24.3	500	1.41	1.82	1.84	0.40	43.0	17.8	8	15.30
M897416		8.22	0.094		2.62	6.31	141.5	480	1.45	2.92	0.88	4.09	54.2	27.9	7	11.60
M897417		5.36	>10.0	14.65	>100	3.40	3370	110	0.98	691	2.12	238	31.3	6.9	5	5.63
M897418		4.51	0.060		2.41	6.40	202	1180	1.77	2.63	2.14	4.75	40.3	7.6	6	34.4
M897419		10.23	0.043		2.37	7.33	57.8	2000	1.39	3.31	1.23	3.39	49.4	10.1	8	20.3
M897420		4.47	0.193		4.97	6.90	904	1330	1.76	6.52	1.53	99.7	50.2	6.8	6	20.9
M897421		5.61	0.044		0.65	7.47	87.9	1960	1.50	0.79	1.20	4.59	53.5	6.8	9	19.70
M897422		6.01	0.205		2.60	6.61	366	940	1.56	2.10	1.70	25.6	49.0	6.1	7	18.00

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155878

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M897237		152.0	3.13	15.70	0.10	1.3	0.196	1.02	28.9	60.7	0.11	187	1.72	0.03	7.9	2.3
M897238		148.0	3.69	15.30	0.14	1.2	0.279	1.50	29.2	46.3	0.18	382	0.90	0.05	8.0	3.4
M897239		40.4	3.57	16.90	0.16	1.5	0.157	2.18	31.4	31.5	0.45	667	1.14	1.22	9.0	3.0
M897240		127.5	3.69	16.85	0.17	1.3	0.201	1.28	32.6	66.3	0.35	1530	1.14	0.07	9.1	4.0
M897241		220	5.20	18.10	0.19	1.6	0.655	2.80	32.1	15.1	0.74	1450	29.2	0.06	8.5	6.7
M897242		21.9	2.66	19.65	0.17	4.4	0.080	2.33	34.5	27.3	0.64	1200	6.52	0.08	10.3	21.6
M897243		8.1	2.34	18.70	0.13	2.7	0.027	2.42	29.9	34.2	0.82	755	0.70	0.09	10.0	11.4
M897244		5.6	2.29	18.65	0.15	2.0	0.034	2.26	28.0	64.5	0.84	672	0.47	0.17	10.2	7.1
M897245		10.4	2.12	18.45	0.14	2.5	0.029	1.64	27.8	161.5	0.89	662	0.76	0.26	9.8	10.6
M897246		22.0	2.13	18.60	0.15	3.8	0.043	1.57	30.6	90.6	0.92	676	2.62	0.14	10.2	20.5
M897247		212	4.58	17.35	0.20	2.0	0.546	2.36	35.1	39.7	0.46	726	5.02	0.05	11.9	9.7
M897248		3.3	0.44	0.41	<0.05	<0.1	0.005	0.03	0.6	1.2	11.90	199	0.24	0.01	0.4	<0.2
M897249		5.0	0.63	15.70	0.06	2.5	0.032	1.69	8.3	35.0	0.21	257	6.95	0.06	17.0	1.8
M897250		105.5	5.15	14.70	0.17	1.3	0.933	2.72	24.0	23.8	0.70	1890	11.90	0.26	7.9	15.2
M897401		7.7	2.15	15.35	0.13	1.3	0.157	3.04	18.3	12.4	0.71	667	0.72	0.22	6.4	2.2
M897402		9.8	2.04	16.05	0.13	1.3	0.150	3.09	19.4	15.8	0.69	658	1.93	0.16	7.2	2.1
M897403		23.6	4.61	13.40	0.14	0.8	0.448	2.73	22.9	8.9	0.51	969	1.26	0.05	4.3	3.3
M897404		27.5	3.59	15.20	0.15	1.2	0.168	2.82	27.1	20.0	0.61	798	6.38	0.05	6.8	2.5
M897405		9.1	5.41	15.25	0.12	1.1	0.288	2.77	16.7	17.6	0.59	708	4.26	0.09	6.2	3.6
M897406		2.5	0.47	0.50	0.23	<0.1	0.011	0.03	0.7	0.9	12.75	217	0.10	<0.01	0.2	2.4
M897407		11.3	2.73	16.30	0.08	1.1	0.116	2.22	25.2	27.8	0.60	711	9.11	0.07	6.6	2.1
M897408		8.7	2.76	15.65	0.13	1.1	0.116	2.20	25.6	28.9	0.61	720	9.09	0.07	6.6	2.1
M897409		162.0	3.40	15.60	0.14	1.3	0.223	2.66	23.6	25.8	0.57	783	5.52	0.05	7.4	2.4
M897410		151.5	3.35	15.35	0.14	1.3	0.119	3.26	26.8	21.2	0.53	563	11.20	0.08	7.1	2.8
M897411		106.5	5.20	14.45	0.16	1.3	0.858	2.72	21.6	25.9	0.67	1900	12.00	0.24	7.3	17.9
M897412		17.5	3.63	14.80	0.15	1.2	0.211	2.74	28.5	22.5	0.80	1000	1.52	0.04	6.4	2.3
M897413		39.6	4.08	13.60	0.12	1.0	0.214	2.80	22.1	21.5	0.38	524	24.4	0.09	5.2	3.2
M897414		135.0	2.92	15.60	0.16	1.2	0.122	2.77	32.2	23.5	0.65	519	0.90	0.60	7.5	3.0
M897415		6.7	2.91	14.35	0.13	1.2	0.105	2.89	21.4	18.5	0.67	533	0.76	0.45	6.6	2.8
M897416		115.5	5.03	14.80	0.18	1.1	0.291	2.97	29.1	9.0	0.60	1020	2.23	0.03	5.4	2.8
M897417		7970	11.80	13.85	0.29	0.6	9.02	1.52	15.3	12.3	0.78	2160	31.1	0.02	3.3	1.9
M897418		98.1	3.30	14.25	0.09	1.2	0.238	2.59	22.0	21.6	0.89	1490	3.07	0.03	6.3	2.5
M897419		90.2	3.30	15.30	0.14	1.4	0.179	3.05	26.6	26.0	0.49	799	2.03	0.10	7.7	2.6
M897420		54.0	4.19	14.85	0.14	1.4	1.035	2.98	27.8	21.9	0.66	1900	2.29	0.05	7.2	2.3
M897421		16.7	3.40	16.05	0.17	1.5	0.100	3.04	29.3	30.1	0.56	1120	1.91	0.12	8.5	2.5
M897422		30.4	4.56	14.45	0.17	1.2	0.392	3.12	26.9	13.4	0.86	2200	2.58	0.04	6.9	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155878

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M897237		580	28.2	66.6	<0.002	0.40	44.0	9.2	1	2.3	248	0.64	0.13	14.6	0.214	0.94
M897238		540	28.2	101.0	<0.002	0.73	49.1	10.2	2	3.1	132.0	0.65	0.43	14.8	0.221	1.44
M897239		590	24.0	108.0	<0.002	0.21	16.55	10.8	2	5.1	183.5	0.74	0.15	16.4	0.248	1.38
M897240		630	79.0	82.0	<0.002	0.43	37.8	10.5	2	2.9	170.5	0.69	0.20	15.5	0.248	1.19
M897241		560	476	160.0	0.002	2.29	28.1	9.7	2	7.5	141.5	0.63	0.49	13.9	0.227	2.40
M897242		620	101.5	105.5	0.002	0.17	19.90	6.1	2	2.1	229	0.77	<0.05	12.7	0.262	1.48
M897243		740	22.4	102.5	<0.002	0.07	9.95	6.1	1	1.5	230	0.72	<0.05	10.3	0.266	1.40
M897244		790	20.6	89.4	<0.002	0.14	5.93	6.0	1	1.5	216	0.66	<0.05	9.4	0.268	1.34
M897245		730	28.1	60.5	<0.002	0.11	6.58	6.0	1	1.4	304	0.67	<0.05	9.8	0.264	1.10
M897246		660	62.2	64.7	<0.002	0.21	9.37	6.1	1	1.7	399	0.74	<0.05	11.3	0.256	1.20
M897247		440	1070	135.5	0.002	3.27	66.0	7.3	2	7.1	171.0	0.99	0.33	15.1	0.180	2.34
M897248		160	2.2	2.1	<0.002	0.02	0.13	0.4	2	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.02
M897249		70	44.1	98.9	<0.002	0.06	40.6	2.6	1	2.5	60.0	1.90	<0.05	16.5	0.039	1.12
M897250		470	1275	154.0	0.002	3.09	34.0	8.3	2	5.9	147.0	0.61	0.27	11.8	0.205	2.42
M897401		550	33.3	139.0	<0.002	0.79	7.77	10.0	1	2.7	92.8	0.54	0.27	14.1	0.179	2.28
M897402		550	27.0	146.5	<0.002	0.71	8.66	10.2	1	2.3	105.0	0.58	0.26	14.5	0.199	2.24
M897403		410	265	163.5	<0.002	2.58	7.73	6.8	2	6.0	16.9	0.33	1.32	9.7	0.129	2.20
M897404		560	187.5	146.0	<0.002	2.07	18.05	9.8	2	3.0	43.9	0.50	0.37	13.5	0.198	2.18
M897405		530	124.0	131.0	<0.002	3.84	9.74	9.9	2	3.5	43.4	0.48	1.72	11.7	0.181	1.96
M897406		160	2.4	1.8	<0.002	0.01	0.07	0.2	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02
M897407		520	87.1	110.0	<0.002	1.27	27.7	9.7	1	2.4	52.9	0.54	0.39	13.1	0.198	1.68
M897408		520	83.4	105.5	<0.002	1.28	27.1	9.7	1	2.3	51.6	0.52	0.34	12.9	0.196	1.67
M897409		540	181.0	116.5	<0.002	1.74	60.6	9.8	2	2.4	74.1	0.62	0.27	13.3	0.204	2.01
M897410		510	120.5	140.0	0.002	2.03	33.0	9.0	2	2.5	103.5	0.60	0.38	13.2	0.197	2.20
M897411		470	1320	146.0	0.002	2.88	33.4	8.4	2	6.3	140.5	0.57	0.51	11.1	0.190	2.29
M897412		560	241	129.0	<0.002	2.01	11.15	10.1	2	3.7	65.1	0.51	0.40	13.1	0.193	2.12
M897413		410	112.5	147.5	0.003	2.22	23.2	8.0	2	5.7	77.9	0.43	2.59	10.3	0.158	2.16
M897414		540	61.6	101.0	0.002	1.36	9.23	10.2	2	3.9	189.0	0.62	0.50	13.6	0.208	1.80
M897415		520	26.8	128.5	<0.002	1.57	6.90	9.6	2	3.5	136.0	0.55	0.76	13.2	0.180	2.12
M897416		480	114.0	190.5	<0.002	3.42	28.9	9.2	2	8.6	33.4	0.43	0.74	12.8	0.148	3.21
M897417		210	>10000	89.6	0.002	>10.0	899	5.1	13	45.1	38.7	0.25	2.20	5.8	0.084	1.61
M897418		460	186.5	149.0	<0.002	1.00	31.1	8.7	1	5.0	83.1	0.51	0.18	12.5	0.176	2.51
M897419		550	129.5	138.5	<0.002	0.51	15.45	10.0	2	11.3	87.0	0.63	0.21	15.0	0.219	1.99
M897420		520	332	148.0	<0.002	1.23	14.10	9.6	2	5.4	66.5	0.62	0.05	14.0	0.207	2.55
M897421		560	103.5	139.0	<0.002	0.31	12.45	10.4	2	2.3	90.7	0.67	0.05	14.6	0.231	1.92
M897422		500	701	155.5	<0.002	1.60	9.53	9.4	2	5.2	64.2	0.54	<0.05	12.4	0.202	2.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155878

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
M897237		5.9	56	4.0	14.5	398	32.6			
M897238		5.9	61	3.3	16.2	552	29.9			
M897239		4.7	66	2.7	17.2	601	37.6			
M897240		3.6	61	3.9	19.5	1370	34.3			
M897241		10.5	64	5.5	14.8	1740	49.4			
M897242		17.2	51	3.5	18.2	1070	159.5			
M897243		5.6	49	3.5	13.4	129	88.1			
M897244		4.8	48	3.5	12.8	93	58.7			
M897245		4.1	48	6.2	12.6	107	82.7			
M897246		6.4	49	9.0	12.9	214	136.5			
M897247		11.4	46	6.3	13.3	3940	55.6			
M897248		0.4	1	0.1	0.8	17	0.6			
M897249		6.0	7	1.7	10.5	83	44.4			
M897250		5.3	56	5.0	11.7	2900	38.7			
M897401		4.9	59	1.2	12.6	188	34.7			
M897402		4.8	64	1.5	13.5	157	36.8			
M897403		3.3	54	2.0	8.4	966	23.1			
M897404		4.5	65	1.9	12.7	403	33.2			
M897405		3.7	62	2.4	14.3	205	30.2			
M897406		0.6	2	0.1	1.0	13	<0.5			
M897407		5.8	65	1.9	12.9	184	32.7			
M897408		5.6	64	1.8	12.8	176	31.7			
M897409		4.3	65	2.3	14.4	614	35.3			
M897410		4.4	64	2.1	14.6	330	35.7			
M897411		4.8	55	5.2	10.5	2880	38.8			
M897412		5.4	64	3.2	15.0	568	32.1			
M897413		4.7	59	3.3	11.1	794	27.7			
M897414		7.9	61	1.7	15.4	152	33.3			
M897415		4.9	61	1.6	13.7	93	33.5			
M897416		3.1	54	5.1	11.3	487	31.2			
M897417		3.8	31	6.4	9.8	>10000	15.4	392	1.590	1.735
M897418		3.8	56	4.2	14.1	429	30.2			
M897419		3.4	62	4.9	15.3	293	39.4			
M897420		3.9	61	5.2	13.7	5560	36.3			
M897421		3.5	66	4.8	15.6	391	42.4			
M897422		3.7	61	6.7	12.6	1620	34.0			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-77

Finalized Date: 23-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155878

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE WH12155879

Project: Klaza-77

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

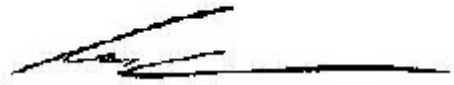
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155879

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897423		11.12	0.059	1.87	7.07	141.5	2260	1.41	2.38	2.12	6.31	52.1	11.2	6	19.35	39.1
M897424		7.64	0.142	3.38	7.23	379	1200	1.39	1.63	2.11	15.40	58.7	6.1	4	23.0	37.4
M897425		2.78	<0.005	0.01	0.11	<5	20	0.08	0.02	21.2	0.09	1.44	2.1	<1	0.89	1.6
M897426		10.07	0.016	0.87	6.94	97.5	1650	1.32	0.92	1.86	6.44	47.1	7.8	9	16.70	32.0
M897427		5.43	0.027	1.41	7.28	105.5	1620	1.21	1.45	0.86	6.46	53.7	5.7	6	15.80	23.6
M897428		4.48	0.347	5.53	6.82	329	730	1.40	8.26	0.85	23.0	53.3	5.3	5	17.15	132.0
M897429		1.85	<0.005	0.02	0.09	<5	20	0.06	0.04	20.8	0.11	1.49	2.3	<1	0.25	1.8
M897430		5.53	0.152	2.77	6.54	244	860	1.26	4.73	0.79	7.13	48.3	5.9	5	20.6	107.0
M897431		7.05	0.013	0.51	7.28	39.5	1800	1.05	0.44	0.69	2.42	46.8	6.1	6	13.20	26.3
M897432		4.50	0.012	0.28	7.87	16.0	2050	1.26	0.26	1.15	0.60	58.6	6.1	4	14.85	41.2
M897433		4.01	0.008	0.29	8.00	16.1	2170	1.22	0.29	1.22	0.60	60.6	6.8	5	14.00	35.8
M897434		4.16	0.020	0.22	7.38	38.2	3080	1.33	0.37	1.55	0.45	62.7	10.6	8	12.05	31.9
M897435		12.24	0.009	0.12	7.95	21.4	2490	1.32	0.25	1.11	0.18	54.6	7.4	11	10.95	19.8
M897436		3.69	0.037	1.09	7.45	50.3	1450	1.27	0.24	1.95	20.2	48.1	7.3	8	14.95	26.3
M897437		0.22	2.23	24.3	5.91	2960	1780	1.29	17.10	2.22	74.5	43.9	11.1	19	14.05	429
M897438		4.75	0.214	1.25	6.74	366	920	1.41	1.35	1.84	4.35	53.2	7.3	7	24.7	30.0
M897439		12.42	0.014	0.18	7.92	75.0	1720	1.39	0.26	0.94	0.43	55.9	7.6	8	14.05	19.9
M897440		7.39	<0.005	0.11	7.25	8.4	1900	1.52	0.22	2.52	0.19	41.4	5.5	7	16.70	8.2
M897441		13.53	<0.005	0.11	7.40	10.1	2060	1.51	0.30	2.54	0.12	45.2	8.0	9	10.80	4.8
M897442		4.12	0.040	1.05	6.88	59.4	1540	1.26	1.56	3.38	1.96	47.4	24.0	8	9.54	7.6
M897443		11.58	0.016	0.89	7.58	33.9	1320	1.75	1.60	1.84	1.05	62.7	8.1	10	11.70	7.9
M897444		10.03	0.024	0.48	7.84	49.8	1130	1.63	1.50	1.85	1.17	56.2	13.3	10	15.05	18.5
M897445		0.22	0.828	10.25	6.87	1820	1750	1.44	6.52	1.96	42.8	50.1	16.7	22	17.40	116.5
M897446		11.59	<0.005	0.27	7.44	13.0	1880	1.46	0.54	2.16	0.16	54.5	9.2	9	12.75	17.8
M897447		11.32	0.006	0.39	7.13	8.9	1770	1.37	0.60	3.56	0.56	56.1	8.2	7	12.75	13.3
M897448		12.33	<0.005	0.14	7.15	6.1	1940	1.33	0.27	3.24	0.15	53.4	6.0	8	20.5	5.8
M897449		11.46	0.050	1.04	7.35	254	1990	1.44	1.17	2.57	2.12	53.5	6.4	8	13.55	29.9
M897450		7.16	<0.005	0.33	7.47	9.4	1980	1.53	1.19	2.61	0.14	48.3	12.7	9	11.05	12.0
M897451		<0.02	0.005	0.30	7.50	9.7	1920	1.51	1.13	2.65	0.14	49.9	11.9	9	11.15	11.1
M897452		7.06	0.252	4.04	6.70	776	580	1.39	5.81	1.82	3.42	51.3	6.5	8	24.2	89.3
M897453		4.34	0.027	0.28	6.96	93.0	1590	1.45	0.64	2.98	0.25	44.7	7.1	9	19.20	11.1
M897454		3.61	0.028	0.23	6.74	106.5	1380	1.54	0.49	4.11	0.14	55.3	7.5	8	16.70	4.5
M897455		9.02	<0.005	0.15	7.11	17.7	2430	1.53	0.25	2.71	0.15	46.2	7.8	8	18.40	3.2
M897456		5.00	0.030	0.18	7.22	133.5	1870	1.54	0.20	2.59	0.15	48.8	6.2	12	14.35	4.6
M897457		8.90	0.025	0.21	6.83	152.0	1860	1.70	0.19	2.77	0.17	47.5	5.3	11	15.20	4.1
M897458		4.00	0.073	0.53	7.05	331	2990	1.52	0.43	3.48	1.29	53.4	8.7	10	24.4	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155879

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897423		3.82	13.95	0.21	1.3	0.197	3.51	26.1	23.2	0.66	1100	1.69	0.46	7.8	2.2	570
M897424		4.37	13.75	0.23	1.3	0.426	2.82	31.5	12.6	0.81	1480	1.60	0.03	7.7	2.1	550
M897425		0.49	0.61	0.37	<0.1	0.006	0.05	0.7	1.0	12.45	222	0.09	0.01	0.6	3.7	160
M897426		3.68	15.15	0.20	1.2	0.336	2.97	24.2	12.0	0.68	1120	1.41	0.55	7.5	3.0	550
M897427		3.83	14.95	0.23	1.3	0.214	3.09	29.4	16.9	0.45	994	1.86	0.09	7.7	2.1	580
M897428		5.34	14.55	0.22	1.2	0.552	2.87	29.1	9.9	0.58	1160	3.30	0.03	6.6	2.5	500
M897429		0.46	0.58	0.40	<0.1	0.012	0.04	0.7	0.8	12.25	214	0.25	0.01	0.5	3.9	180
M897430		4.66	15.20	0.21	1.2	0.157	2.63	27.2	18.0	0.48	1600	16.25	0.03	6.9	2.6	480
M897431		3.24	15.00	0.26	1.5	0.090	2.87	23.6	21.1	0.29	922	2.99	0.11	8.0	2.0	590
M897432		3.21	15.10	0.25	1.6	0.050	3.13	30.5	17.1	0.45	684	1.77	0.26	8.4	2.2	660
M897433		3.11	15.25	0.28	1.6	0.048	3.25	31.5	18.7	0.53	624	2.10	0.31	8.3	2.1	630
M897434		3.22	16.35	0.13	1.1	0.070	3.11	36.6	22.1	0.57	1060	1.72	0.06	6.7	2.9	530
M897435		3.15	18.65	0.15	1.3	0.041	3.17	30.8	23.2	0.42	722	1.51	0.30	8.4	2.7	610
M897436		3.23	16.95	0.15	1.1	0.088	3.18	26.6	24.7	0.67	1080	1.85	0.07	7.5	2.3	530
M897437		6.61	14.95	0.16	0.9	1.630	2.66	25.2	21.6	0.91	1860	13.75	0.04	6.2	16.2	430
M897438		3.90	15.95	0.13	1.1	0.197	2.70	31.4	26.8	0.75	1460	3.14	0.04	6.9	2.7	470
M897439		3.25	18.50	0.16	1.2	0.075	2.89	31.8	33.7	0.45	1060	1.33	0.07	8.5	3.2	610
M897440		2.93	16.95	0.14	1.2	0.045	2.76	21.7	22.7	0.71	609	2.80	0.96	8.1	2.5	580
M897441		2.92	17.35	0.15	1.2	0.048	2.80	24.0	13.9	0.70	568	2.91	1.80	8.2	2.5	570
M897442		3.95	12.65	0.17	0.8	0.142	2.87	27.9	10.6	0.93	1260	12.05	0.26	5.2	2.9	550
M897443		3.42	17.85	0.18	1.1	0.214	2.76	39.1	16.0	0.68	1020	4.51	0.63	7.2	1.9	570
M897444		3.15	17.30	0.08	1.3	0.207	2.50	28.9	15.5	0.59	959	2.81	0.85	7.7	2.5	600
M897445		5.50	16.10	0.12	1.4	0.972	2.91	26.8	24.0	0.73	2010	11.90	0.28	7.4	16.4	500
M897446		2.87	17.75	0.10	1.2	0.094	2.43	26.9	18.1	0.90	498	3.47	1.29	7.9	2.8	580
M897447		2.86	16.00	0.14	1.2	0.066	2.57	28.9	21.0	0.85	803	1.25	1.04	7.2	2.4	510
M897448		2.64	14.90	0.12	1.1	0.044	2.50	27.0	20.2	0.90	529	1.42	0.87	7.1	2.2	510
M897449		3.62	16.25	0.13	1.2	0.134	2.75	26.0	25.9	0.87	698	1.34	0.86	7.9	2.5	590
M897450		2.98	16.60	0.11	1.1	0.127	2.35	23.6	15.3	0.78	584	1.81	1.51	6.8	2.7	580
M897451		2.93	16.80	0.11	1.1	0.139	2.33	24.3	14.2	0.77	588	1.57	1.58	6.8	2.6	560
M897452		5.81	16.40	0.13	1.1	0.280	2.83	25.8	13.8	0.63	876	1.54	0.05	6.5	2.3	480
M897453		2.80	16.60	0.10	1.2	0.085	2.62	22.9	27.7	0.71	650	1.08	1.03	8.0	2.0	570
M897454		2.65	15.80	0.14	1.2	0.083	2.33	27.8	17.6	0.78	695	1.27	1.23	7.4	2.0	540
M897455		2.70	17.10	0.12	1.2	0.048	2.77	23.7	21.9	0.68	598	1.22	0.98	7.7	2.7	550
M897456		2.68	17.90	0.08	1.3	0.045	2.76	24.8	14.3	0.71	554	3.26	1.73	7.9	2.6	560
M897457		2.64	16.80	0.05	1.4	0.061	2.74	23.6	16.7	0.66	895	1.33	1.45	7.4	2.6	510
M897458		2.86	17.75	0.10	1.2	0.157	2.79	28.6	19.8	0.97	1600	1.78	0.17	7.6	2.8	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155879

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897423		198.5	124.5	<0.002	1.11	7.88	9.7	1	3.4	155.5	0.68	0.06	10.6	0.230	2.33	3.1
M897424		749	119.0	<0.002	1.88	12.45	9.9	1	5.7	86.6	0.68	0.05	11.5	0.235	2.65	4.2
M897425		1.9	3.3	<0.002	0.01	0.18	0.4	1	<0.2	36.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897426		93.0	135.5	<0.002	0.72	17.10	9.9	1	3.5	115.0	0.64	<0.05	11.1	0.230	2.28	3.6
M897427		244	138.0	<0.002	1.32	16.10	10.1	1	4.9	57.8	0.66	<0.05	13.6	0.236	2.08	4.0
M897428		499	138.0	<0.002	2.90	33.5	9.0	1	9.8	27.2	0.59	0.10	11.0	0.213	2.56	3.5
M897429		2.2	1.5	<0.002	0.01	0.18	0.4	1	<0.2	36.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897430		224	142.5	<0.002	1.33	67.4	9.4	1	4.7	51.2	0.59	0.07	11.9	0.212	2.47	4.6
M897431		97.6	125.0	<0.002	0.26	25.5	10.6	1	3.0	63.4	0.74	<0.05	13.0	0.240	1.63	3.8
M897432		43.7	128.0	<0.002	0.18	11.20	11.0	2	8.8	68.1	0.75	<0.05	13.5	0.269	1.68	3.2
M897433		85.1	137.0	<0.002	0.21	12.70	10.7	2	3.5	74.2	0.76	<0.05	14.2	0.256	1.76	3.0
M897434		12.7	181.5	<0.002	0.60	28.2	11.4	1	1.8	71.3	0.55	<0.05	14.0	0.219	2.09	3.5
M897435		16.8	147.5	<0.002	0.19	14.65	12.7	1	1.9	79.3	0.69	<0.05	14.9	0.267	1.69	3.4
M897436		745	126.5	<0.002	0.47	14.45	11.2	1	1.6	78.4	0.62	<0.05	12.0	0.235	2.07	4.8
M897437		2770	161.5	0.002	4.99	84.8	9.0	1	7.7	93.8	0.47	0.37	10.5	0.185	2.35	5.6
M897438		148.0	144.5	<0.002	1.14	25.7	10.7	1	3.0	56.1	0.57	<0.05	13.0	0.215	2.29	8.9
M897439		22.2	137.5	<0.002	0.33	21.5	14.2	1	3.4	59.0	0.71	<0.05	14.5	0.275	1.85	4.4
M897440		20.9	88.2	<0.002	0.10	5.39	11.3	1	2.7	172.5	0.68	<0.05	11.4	0.256	1.22	9.8
M897441		17.4	102.0	<0.002	0.17	3.65	11.8	1	2.0	275	0.68	<0.05	12.3	0.252	1.28	4.1
M897442		64.1	126.5	0.002	1.83	8.41	9.1	1	2.9	79.0	0.40	0.57	9.2	0.194	2.09	4.1
M897443		202	152.5	<0.002	1.17	9.67	12.4	1	4.2	83.0	0.60	0.35	14.7	0.226	2.29	4.4
M897444		52.3	123.5	0.003	0.91	10.40	11.6	1	4.4	85.3	0.76	0.26	13.7	0.256	1.98	5.9
M897445		1360	167.0	0.002	3.20	33.0	9.7	2	6.3	155.0	0.73	0.49	12.3	0.215	2.46	5.6
M897446		18.7	95.5	0.004	0.28	4.88	11.3	1	2.6	189.5	0.71	0.06	12.2	0.253	1.25	2.6
M897447		32.2	101.5	0.003	0.27	5.13	10.5	1	2.4	229	0.71	0.16	12.6	0.228	1.21	4.4
M897448		16.5	101.0	0.003	0.18	4.74	9.7	1	2.0	232	0.64	<0.05	11.2	0.222	0.96	4.2
M897449		54.9	105.5	0.002	1.09	7.88	11.1	2	2.9	185.5	0.78	0.14	13.1	0.254	1.25	4.2
M897450		16.6	95.5	0.002	0.69	4.24	10.8	1	3.0	197.5	0.67	0.17	13.0	0.217	1.31	3.8
M897451		15.5	101.5	<0.002	0.71	4.16	10.6	1	3.0	198.0	0.67	0.15	13.5	0.213	1.33	3.9
M897452		239	159.0	0.002	4.83	17.75	9.8	2	8.0	81.6	0.63	0.27	10.8	0.216	2.44	3.6
M897453		19.8	108.5	<0.002	0.52	6.36	10.1	2	2.7	209	0.73	0.10	10.9	0.252	1.53	4.8
M897454		16.0	104.0	0.002	0.75	5.95	10.7	2	3.2	235	0.66	0.14	10.3	0.233	1.50	4.0
M897455		16.6	107.0	<0.002	0.26	6.60	10.7	1	2.3	216	0.72	0.06	11.2	0.245	1.32	4.2
M897456		17.5	117.0	<0.002	0.23	5.29	10.7	1	2.2	299	0.64	<0.05	12.2	0.232	1.51	4.6
M897457		26.3	108.0	<0.002	0.27	5.52	8.3	1	2.4	278	0.68	<0.05	13.0	0.221	1.66	4.3
M897458		89.3	121.5	<0.002	1.11	11.05	10.2	1	4.2	156.5	0.61	0.12	11.9	0.218	2.25	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12155879

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897423		65	3.3	12.3	658	33.3
M897424		64	8.0	11.1	1120	33.0
M897425		3	0.1	0.7	16	0.5
M897426		65	3.9	12.0	570	33.5
M897427		67	4.4	12.5	622	35.6
M897428		59	6.1	9.4	1520	31.9
M897429		3	0.1	0.7	17	<0.5
M897430		59	5.6	11.1	789	33.8
M897431		66	5.1	13.3	326	38.7
M897432		78	4.3	15.4	88	38.2
M897433		73	3.9	15.1	80	38.1
M897434		65	3.2	16.2	126	34.4
M897435		71	4.0	16.6	58	38.9
M897436		66	2.6	13.3	1190	35.7
M897437		56	5.1	10.3	5340	27.6
M897438		60	4.0	13.6	379	34.8
M897439		76	5.8	15.9	75	39.1
M897440		68	3.3	16.7	49	36.7
M897441		67	2.3	15.6	44	38.3
M897442		64	2.5	13.4	214	24.1
M897443		65	2.9	16.0	129	32.8
M897444		74	3.0	18.0	118	34.7
M897445		59	5.1	13.0	3040	40.9
M897446		69	2.6	16.6	47	34.3
M897447		62	4.9	19.7	70	33.3
M897448		59	6.8	19.6	38	30.4
M897449		65	10.4	19.0	193	31.0
M897450		69	2.3	16.1	48	29.9
M897451		68	2.0	16.4	48	29.2
M897452		61	6.5	13.0	281	29.9
M897453		66	1.6	16.3	50	35.1
M897454		64	1.8	18.6	42	34.1
M897455		65	2.9	18.1	40	35.2
M897456		65	1.5	14.1	42	33.3
M897457		60	2.0	12.9	49	33.4
M897458		61	2.9	15.2	153	31.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-77

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12155879

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12158890

Project: Klaza-74 A/B

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

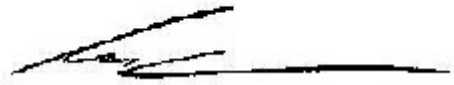
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-74 A/B

CERTIFICATE OF ANALYSIS WH12158890

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895237		3.70	<0.005	0.41	6.49	24.3	640	1.73	1.18	2.03	0.18	51.1	10.5	28	11.45	3.7
M895238		4.96	0.013	2.40	7.32	44.4	920	1.77	1.91	0.90	21.2	39.3	11.5	13	12.85	20.7
M895239		2.81	0.021	0.98	7.49	59.7	1060	1.65	1.86	0.81	1.41	72.8	8.5	16	9.74	14.8
M895240		1.52	<0.005	0.03	0.07	7	20	0.07	0.05	20.6	0.08	1.34	1.4	3	0.15	13.3
M895241		5.72	0.193	4.10	6.56	422	730	1.32	5.86	0.69	6.59	61.4	13.9	12	9.53	24.8
M895242		3.50	0.053	1.25	6.10	221	460	1.31	1.18	0.59	2.71	30.4	6.9	8	30.6	12.6
M895243		4.02	0.027	0.87	6.95	140.0	700	1.38	0.62	1.02	2.33	40.1	6.7	11	33.3	11.6
M895244		4.23	<0.005	0.30	8.01	34.0	1620	1.95	0.29	0.23	1.05	44.0	8.2	11	21.4	20.6
M895245		2.58	0.012	1.43	7.41	166.0	1470	1.84	0.40	0.22	2.75	41.6	10.7	9	20.9	8.9
M895246		1.91	<0.005	0.01	0.09	<5	20	0.08	0.02	20.3	0.08	1.40	1.5	2	0.87	1.8
M895247		5.71	0.014	0.39	7.17	59.9	1270	1.53	0.35	0.20	1.21	49.8	6.2	8	19.05	11.0
M895248		4.33	0.022	0.69	8.07	82.6	2130	1.81	0.99	0.30	1.66	51.2	9.5	10	25.3	39.0
M895249		9.68	<0.005	0.29	8.37	24.3	2400	1.79	0.16	1.59	0.89	57.7	9.6	13	15.55	13.5
M895250		5.62	<0.005	0.16	8.10	6.3	2280	1.53	0.13	2.05	0.35	57.4	9.4	10	11.25	13.6
M895251		7.67	<0.005	0.27	8.15	19.9	2100	1.42	0.49	0.60	0.78	53.5	8.1	13	17.70	8.6
M895252		6.00	<0.005	0.38	7.89	33.8	2060	1.47	0.22	0.57	0.91	49.9	7.1	9	17.85	9.1
M895253		5.89	<0.005	1.25	8.08	14.3	2380	1.33	0.22	0.50	0.46	55.1	6.8	9	11.10	13.2
M895254		5.63	<0.005	0.28	8.02	13.3	1980	1.43	0.19	1.26	0.38	43.6	6.4	8	11.75	14.7
M895255		7.09	<0.005	0.23	7.94	18.7	1820	1.65	0.39	1.15	0.54	54.3	7.0	8	15.80	11.2
M895256		7.16	0.017	0.37	7.48	49.4	1620	1.50	0.99	1.78	0.53	49.3	7.0	8	17.85	15.3
M895257		5.20	0.287	3.69	6.05	382	580	1.25	3.80	0.36	30.5	30.0	11.5	7	17.20	14.8
M895258		4.00	<0.005	0.12	7.95	9.8	1980	1.19	0.16	1.25	0.20	41.4	5.8	10	12.45	17.5
M895259		1.67	<0.005	0.10	8.27	12.3	1920	1.25	0.18	1.37	0.22	39.3	6.1	10	12.55	11.8
M895260		5.38	<0.005	0.18	7.24	24.0	1950	1.34	0.53	2.35	0.16	40.4	7.3	11	13.45	9.7
M895261		10.70	<0.005	0.14	7.55	13.0	2080	1.51	0.17	2.70	0.17	43.0	7.9	13	9.31	13.8
M895262		0.29	2.21	25.0	5.95	3260	1470	1.45	18.90	2.19	74.5	43.0	11.3	17	14.40	441
M895263		5.33	0.009	1.13	7.11	99.3	1810	1.68	1.20	1.72	0.26	37.0	11.3	9	21.1	120.0
M895264		12.50	<0.005	0.12	7.73	4.2	2100	1.59	0.18	2.85	0.09	47.1	7.9	14	8.93	23.4
M895265		<0.02	<0.005	0.11	7.89	3.5	2120	1.42	0.16	2.83	0.09	49.6	7.6	13	8.83	21.0
M895266		4.47	<0.005	0.64	7.71	6.2	1930	1.46	0.22	2.76	0.16	44.3	7.9	12	12.90	183.5
M895267		5.09	0.048	0.81	6.92	198.0	970	1.38	0.96	1.66	0.91	58.6	10.7	11	18.45	15.4
M895268		4.98	<0.005	0.14	7.25	4.7	2120	1.54	0.17	2.63	0.10	41.3	7.3	8	10.95	28.4
M895269		8.40	<0.005	0.32	7.07	13.5	1830	1.32	0.52	2.88	0.12	40.6	7.5	9	16.45	15.3
M895270		12.34	<0.005	0.13	6.97	5.7	1990	1.45	0.20	2.77	0.15	38.0	8.0	12	11.50	19.4
M895271		0.29	2.23	24.2	5.98	3410	1010	1.39	18.50	2.21	73.9	41.7	10.8	17	14.25	432
M895272		5.39	<0.005	0.06	7.43	3.4	2210	1.42	0.10	2.80	0.06	50.5	6.7	10	10.95	10.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-74 A/B

CERTIFICATE OF ANALYSIS WH12158890

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895237		3.30	15.55	0.18	1.1	0.044	2.91	25.7	32.9	0.67	1360	1.02	0.04	8.9	4.2	580
M895238		4.10	16.50	0.18	1.2	0.231	3.24	20.3	21.9	0.62	2360	0.82	0.06	8.5	3.6	580
M895239		4.94	17.75	0.23	1.2	0.155	3.30	37.5	7.9	0.62	2120	0.29	0.24	7.8	3.1	580
M895240		0.48	0.32	0.10	<0.1	<0.005	0.03	0.7	1.0	12.85	210	0.11	<0.01	0.2	1.1	180
M895241		4.74	18.40	0.20	1.1	0.359	2.98	31.3	7.0	0.38	1940	1.03	0.09	7.0	3.6	520
M895242		6.23	15.95	0.17	0.9	0.183	2.44	15.7	17.9	0.65	3650	1.10	0.04	6.1	3.0	440
M895243		4.98	17.55	0.19	1.0	0.199	3.00	21.3	13.2	0.64	4460	0.49	0.05	7.4	2.9	520
M895244		3.21	18.70	0.19	1.3	0.052	3.38	24.7	27.5	0.22	1440	6.61	0.06	9.5	2.9	700
M895245		3.45	17.45	0.21	1.1	0.078	3.23	25.5	16.0	0.27	4790	8.31	0.03	8.3	3.4	600
M895246		0.49	0.42	0.10	<0.1	<0.005	0.05	0.7	1.6	12.65	214	0.14	0.01	0.4	1.6	180
M895247		2.77	16.70	0.16	1.8	0.064	2.66	29.9	53.8	0.17	1260	5.80	0.05	9.1	2.2	530
M895248		4.24	19.20	0.20	1.4	0.144	2.81	32.0	35.1	0.19	2180	10.40	0.05	9.5	2.9	750
M895249		3.59	18.80	0.19	1.4	0.059	2.96	28.7	18.6	0.57	1300	3.13	1.78	9.4	4.4	740
M895250		3.38	17.60	0.16	1.2	0.040	2.67	28.9	21.7	0.74	775	1.45	2.19	8.6	3.1	750
M895251		3.41	17.85	0.18	1.1	0.061	2.81	30.9	38.0	0.31	1020	5.99	0.48	8.5	2.2	690
M895252		3.28	16.95	0.18	1.1	0.048	3.10	30.0	26.2	0.27	1280	5.60	0.73	8.3	2.0	620
M895253		2.89	18.55	<0.05	1.2	0.036	2.93	21.6	26.5	0.33	694	2.85	0.87	8.3	2.7	660
M895254		2.82	17.80	0.07	1.1	0.040	3.00	19.8	11.8	0.39	752	2.35	1.73	7.9	2.7	600
M895255		2.85	18.75	0.11	1.1	0.046	3.06	27.7	21.4	0.38	1320	2.64	1.30	8.0	2.9	610
M895256		3.13	17.15	0.12	1.1	0.086	3.28	23.4	19.8	0.42	2020	2.06	0.53	7.9	3.2	620
M895257		6.11	13.85	0.10	0.8	0.280	2.75	13.9	17.0	0.21	3180	4.86	0.04	5.8	3.2	470
M895258		2.68	20.0	0.09	1.1	0.042	2.78	19.4	32.7	0.33	752	1.19	0.12	8.6	2.4	690
M895259		2.80	20.8	0.10	1.1	0.039	2.70	18.2	37.8	0.35	768	1.25	0.12	8.8	2.6	720
M895260		3.29	17.80	0.12	1.1	0.054	3.21	18.3	19.2	0.49	864	1.85	0.97	8.2	2.8	620
M895261		2.99	18.10	0.12	1.2	0.034	2.71	20.0	10.9	0.76	674	1.34	2.25	8.3	3.1	600
M895262		6.70	14.30	0.18	0.9	1.805	2.59	23.2	30.0	0.92	1890	13.30	0.05	6.1	16.8	440
M895263		3.35	16.85	0.12	1.2	0.051	2.95	17.1	25.9	0.58	945	1.92	0.78	7.8	3.2	590
M895264		3.05	19.15	0.13	1.3	0.034	2.71	21.9	13.5	0.81	660	1.88	2.32	8.6	2.9	620
M895265		3.01	18.60	0.13	1.2	0.033	2.71	23.6	12.9	0.83	649	1.73	2.30	8.6	2.8	630
M895266		2.98	18.80	0.15	1.0	0.051	2.72	21.2	13.1	0.77	629	0.61	2.21	8.0	2.9	600
M895267		4.33	16.65	0.14	0.9	0.105	2.88	27.9	19.9	0.56	2900	1.63	0.23	7.1	3.0	560
M895268		3.28	17.70	0.12	1.1	0.043	2.87	18.2	10.4	0.69	806	1.66	1.73	8.2	2.7	600
M895269		3.07	18.10	0.13	1.2	0.052	3.16	18.2	18.2	0.53	977	1.51	0.34	8.5	2.7	640
M895270		3.02	17.35	0.13	1.1	0.036	2.62	17.0	9.0	0.74	753	1.51	2.01	8.1	3.3	590
M895271		6.88	14.25	0.19	0.9	1.760	2.58	22.1	30.1	0.93	1900	12.95	0.05	6.2	16.5	440
M895272		3.06	15.40	0.12	1.1	0.032	2.73	22.7	9.4	0.78	698	1.13	2.11	7.3	2.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-74 A/B

CERTIFICATE OF ANALYSIS WH12158890

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895237		15.3	126.0	<0.002	0.22	5.39	12.5	1	1.9	67.3	0.73	<0.05	14.8	0.261	1.73	4.4
M895238		764	180.5	<0.002	0.69	9.00	13.7	1	2.7	51.0	0.73	<0.05	17.9	0.258	2.22	7.4
M895239		150.5	190.5	<0.002	0.81	7.23	13.7	1	4.3	61.2	0.61	<0.05	15.9	0.241	2.18	5.8
M895240		2.4	1.4	<0.002	0.02	0.07	0.4	1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M895241		560	173.0	<0.002	3.57	15.85	10.7	1	5.9	55.1	0.56	0.14	13.2	0.226	2.21	7.5
M895242		117.0	146.0	<0.002	1.80	15.40	9.9	1	3.9	98.0	0.46	<0.05	12.0	0.205	1.83	9.8
M895243		82.5	189.5	<0.002	1.23	10.95	11.4	1	3.3	97.1	0.58	<0.05	14.4	0.240	2.15	10.1
M895244		27.9	194.5	<0.002	0.01	17.00	15.1	1	2.0	51.9	0.76	<0.05	14.5	0.297	2.55	4.6
M895245		63.4	207	<0.002	0.01	18.20	13.9	1	1.6	45.3	0.65	<0.05	13.6	0.267	2.53	5.7
M895246		1.3	3.9	<0.002	0.01	<0.05	0.4	1	<0.2	41.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M895247		34.6	154.5	<0.002	0.01	23.7	10.4	1	1.8	63.8	1.01	<0.05	24.4	0.221	2.16	6.5
M895248		36.3	166.5	<0.002	0.02	32.6	14.3	1	2.5	47.1	0.81	<0.05	17.1	0.298	2.38	7.1
M895249		31.2	149.5	<0.002	0.01	6.19	15.5	1	2.0	304	0.73	<0.05	16.5	0.297	1.66	3.5
M895250		15.6	114.0	<0.002	<0.01	2.11	13.8	1	1.7	388	0.65	<0.05	16.0	0.267	1.12	2.4
M895251		15.8	161.5	<0.002	0.01	11.20	12.7	1	1.7	121.0	0.63	<0.05	16.7	0.256	1.81	4.1
M895252		26.9	165.5	<0.002	0.01	13.55	11.7	1	1.6	137.0	0.65	<0.05	17.4	0.242	1.85	4.2
M895253		22.8	137.5	<0.002	0.01	8.77	11.4	1	1.8	151.5	0.73	<0.05	13.9	0.278	1.29	2.7
M895254		19.3	141.0	<0.002	<0.01	4.61	10.5	1	1.9	278	0.76	<0.05	15.4	0.243	1.42	2.8
M895255		19.8	155.5	<0.002	0.04	6.08	12.2	1	1.9	232	0.71	<0.05	15.8	0.255	1.82	3.4
M895256		25.8	164.0	<0.002	0.19	11.05	11.9	1	2.8	129.5	0.70	<0.05	13.4	0.263	2.35	3.6
M895257		554	162.0	<0.002	3.93	32.2	9.1	1	2.3	59.6	0.47	<0.05	9.8	0.201	2.38	6.0
M895258		16.3	122.5	<0.002	0.03	12.75	13.4	1	3.2	97.1	0.66	<0.05	11.7	0.297	1.20	2.9
M895259		17.9	110.5	<0.002	0.03	13.35	14.5	1	1.9	99.6	0.68	<0.05	12.1	0.313	1.26	3.9
M895260		16.4	136.5	<0.002	0.06	6.23	11.9	1	1.8	174.5	0.68	<0.05	10.0	0.274	1.68	5.8
M895261		18.5	112.5	<0.002	0.03	1.52	12.1	1	1.7	377	0.73	<0.05	11.9	0.260	1.06	3.9
M895262		2820	172.0	0.002	4.92	93.7	8.9	2	8.3	96.4	0.48	0.56	12.4	0.181	2.33	5.4
M895263		24.0	144.0	<0.002	0.23	23.1	11.6	1	1.8	100.5	0.72	0.08	11.5	0.251	2.09	8.6
M895264		16.6	108.5	<0.002	0.01	1.16	12.7	1	1.8	416	0.78	<0.05	12.5	0.269	1.10	3.7
M895265		16.4	116.5	<0.002	0.01	1.10	12.7	1	1.8	415	0.76	<0.05	12.3	0.268	1.06	3.7
M895266		15.2	115.5	<0.002	0.03	2.12	12.7	1	2.1	401	0.67	<0.05	11.7	0.259	1.07	2.8
M895267		77.3	157.5	<0.002	1.57	17.20	11.3	1	2.5	107.0	0.59	<0.05	11.9	0.238	2.01	9.8
M895268		15.5	116.0	0.002	0.04	4.01	11.8	1	1.9	319	0.72	<0.05	11.1	0.263	1.30	4.2
M895269		16.4	137.0	<0.002	0.08	11.65	11.5	1	2.2	147.5	0.74	0.05	10.4	0.276	1.88	5.7
M895270		14.2	101.5	<0.002	0.02	2.94	11.5	1	1.8	354	0.70	<0.05	9.6	0.262	1.23	3.6
M895271		2850	173.5	0.002	4.90	91.7	8.8	2	8.1	94.3	0.47	0.42	11.9	0.182	2.32	5.3
M895272		17.3	96.1	<0.002	0.02	1.87	9.8	1	1.6	380	0.66	<0.05	13.4	0.258	1.19	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-74 A/B

CERTIFICATE OF ANALYSIS WH12158890

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895237		73	1.7	12.4	77	26.6
M895238		73	3.2	11.7	2180	27.4
M895239		74	3.5	9.4	249	30.7
M895240		1	0.1	0.8	17	<0.5
M895241		75	4.9	6.7	673	26.0
M895242		65	5.1	6.1	382	22.0
M895243		75	9.7	9.6	339	23.2
M895244		91	3.4	14.9	82	29.0
M895245		79	3.2	16.0	237	26.3
M895246		1	0.1	0.9	13	<0.5
M895247		69	4.0	15.6	114	40.3
M895248		93	7.3	19.5	146	32.2
M895249		91	2.5	19.6	116	33.0
M895250		88	2.0	20.1	70	31.7
M895251		83	4.2	18.6	89	29.7
M895252		77	2.8	17.7	106	28.0
M895253		76	9.2	13.4	88	28.8
M895254		68	2.2	14.6	71	27.7
M895255		72	3.0	17.2	87	26.6
M895256		75	3.1	14.5	116	26.4
M895257		60	3.8	10.6	1970	19.7
M895258		80	6.1	14.1	64	28.7
M895259		86	6.5	14.0	70	28.4
M895260		78	4.0	15.3	58	26.6
M895261		74	1.3	16.6	56	29.9
M895262		56	4.8	10.8	5330	26.9
M895263		73	2.2	14.1	75	28.7
M895264		76	1.2	17.0	51	30.0
M895265		76	1.2	18.4	50	28.2
M895266		75	1.3	16.5	57	25.2
M895267		71	4.1	13.5	124	22.2
M895268		75	1.8	15.4	54	26.7
M895269		80	3.2	15.1	60	28.5
M895270		75	1.2	14.0	52	27.5
M895271		56	4.7	10.6	5360	25.7
M895272		73	1.0	13.9	50	24.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-74 A/B

CERTIFICATE OF ANALYSIS WH12158890

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158891

Project: Klaza-74B

P.O. No.: Batch 3

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

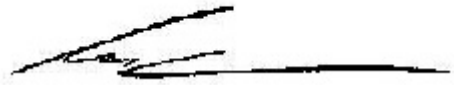
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12158891

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895273		5.47	<0.005	0.11	7.20	4.1	2010	1.36	0.12	2.68	0.07	40.3	7.3	11	15.10	11.9
M895274		13.19	0.005	0.22	7.62	5.6	2140	1.52	0.13	3.15	0.08	56.0	10.3	15	11.75	13.9
M895275		0.26	2.28	26.0	6.04	3520	1230	1.32	19.35	2.22	78.9	47.4	9.8	19	14.55	431
M895276		9.23	0.005	0.39	6.77	135.5	1890	1.25	0.19	2.74	0.12	40.1	6.9	10	14.80	11.3
M895277		8.51	<0.005	0.11	6.69	22.9	1670	1.33	0.09	2.53	0.11	43.5	6.5	9	16.15	13.4
M895278		4.17	<0.005	0.07	6.96	5.2	1440	1.05	0.12	2.36	0.08	42.4	5.6	9	12.35	7.1
M895279		3.47	<0.005	0.05	7.21	7.0	1810	1.14	0.10	2.39	0.16	46.2	6.2	11	13.20	8.1
M895280		4.87	0.029	0.54	6.72	125.5	1420	1.34	0.45	1.72	0.85	49.4	7.0	11	26.1	11.8
M895281		1.87	<0.005	0.01	0.15	<5	30	0.08	0.02	20.7	0.07	1.31	0.8	3	0.59	2.4
M895282		3.86	<0.005	0.26	7.29	30.6	1100	1.31	0.14	2.03	0.26	48.5	6.2	10	18.65	40.7
M895283		5.68	<0.005	0.15	7.36	5.8	1960	1.46	0.14	2.97	0.11	46.2	7.7	11	19.50	19.9
M895284		4.03	<0.005	0.15	7.18	4.2	1980	1.41	0.17	2.80	0.09	39.7	7.7	11	18.60	22.1
M895285		3.49	<0.005	0.14	6.68	6.6	1680	1.43	0.13	3.35	0.09	40.6	7.2	15	18.50	18.0
M895286		7.30	<0.005	0.54	7.45	21.2	940	1.29	0.69	1.96	1.21	47.2	6.4	9	20.2	6.7
M895287		4.28	0.022	0.77	6.52	83.9	650	1.44	0.80	1.57	7.57	48.3	7.4	7	30.5	19.7
M895288		1.15	<0.005	0.01	0.08	<5	20	0.06	0.03	21.1	0.07	1.04	0.6	1	0.23	4.7
M895289		6.37	0.015	0.18	6.79	102.0	770	1.09	0.65	0.85	0.23	60.5	8.2	9	12.55	12.3
M895290		5.86	0.010	0.16	6.90	79.0	820	1.07	0.62	1.13	0.15	44.4	6.9	9	11.80	6.8
M895291		5.15	<0.005	0.11	7.54	14.1	680	1.41	0.29	1.90	0.15	51.3	5.0	8	12.60	1.6
M895292		7.54	<0.005	0.22	7.76	29.7	1100	1.57	1.19	3.48	0.18	51.9	7.7	8	12.10	4.7
M895293		4.53	<0.005	0.09	7.54	12.8	920	1.29	0.25	2.27	0.17	48.9	5.5	9	14.10	4.6
M895294		3.86	<0.005	0.10	7.47	8.1	630	1.34	0.21	1.72	0.16	49.8	4.8	8	14.10	4.1
M895295		6.38	<0.005	0.18	7.70	12.8	620	1.42	0.34	1.53	0.12	53.7	5.7	8	12.15	9.6
M895296		9.03	<0.005	0.29	7.26	13.8	750	1.39	1.54	2.46	0.13	50.2	7.0	9	12.35	7.3
M895297		4.89	<0.005	0.29	7.08	10.0	1250	1.41	2.79	2.76	0.11	47.5	6.7	8	12.60	4.5
M895298		5.67	<0.005	0.60	7.29	4.4	1780	1.39	2.98	3.36	0.11	50.1	7.4	8	11.30	3.5
M895299		7.62	<0.005	0.10	6.92	4.2	2510	1.21	0.82	3.14	0.10	41.7	6.6	8	9.54	1.8
M895300		6.63	<0.005	0.07	6.97	4.0	1350	1.38	1.07	3.04	0.08	41.6	7.2	9	11.60	3.1
M895301		6.51	0.006	0.34	6.83	21.3	1470	1.32	1.24	3.94	0.11	41.2	8.2	7	10.65	2.5
M895302		0.26	2.31	26.7	6.12	3620	1050	1.29	19.15	2.24	80.7	49.2	9.8	19	14.90	440
M895303		5.42	<0.005	0.13	6.80	7.4	1350	1.57	2.31	3.28	0.17	37.9	7.1	8	13.35	6.8
M895304		6.74	<0.005	0.08	6.91	4.9	1430	1.43	1.16	2.88	0.08	38.4	7.2	11	10.45	7.8
M895305		<0.02	<0.005	0.07	6.81	4.6	1280	1.41	1.09	2.80	0.09	37.6	7.4	9	10.50	7.7
M895306		3.96	<0.005	0.14	6.85	4.0	1950	1.30	2.11	3.03	0.09	36.7	8.5	9	9.52	6.7
M895307		6.82	<0.005	0.20	6.83	22.3	1450	1.33	1.19	3.06	0.09	43.8	7.4	8	12.65	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12158891

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895273		3.21	15.40	0.12	1.1	0.033	2.70	18.3	14.2	0.81	738	1.22	1.48	7.4	3.1	630
M895274		4.36	16.90	0.15	1.3	0.045	2.76	24.9	9.6	1.21	1140	1.46	1.91	9.5	3.9	850
M895275		6.78	13.95	0.14	1.0	1.710	2.59	25.6	23.1	0.90	1880	13.00	0.03	5.6	14.9	450
M895276		3.04	14.75	0.12	1.1	0.041	2.72	19.1	21.8	0.75	848	0.98	0.80	7.2	2.5	620
M895277		2.84	14.70	0.13	1.1	0.039	2.80	20.9	23.5	0.65	1130	0.85	1.03	7.1	2.4	570
M895278		2.68	14.35	0.13	1.2	0.033	2.55	19.7	63.8	0.66	777	0.59	0.18	7.1	2.1	580
M895279		2.94	14.25	0.15	1.3	0.032	2.50	22.2	49.5	0.66	900	0.60	0.30	7.2	2.3	590
M895280		3.83	13.25	0.14	1.1	0.111	2.90	26.8	12.5	0.65	3040	3.45	0.34	6.2	2.3	480
M895281		0.49	0.37	0.08	<0.1	0.005	0.07	0.6	2.1	12.45	220	0.19	0.01	0.2	2.2	180
M895282		3.44	15.80	0.14	0.9	0.124	2.91	22.8	36.0	0.62	1820	1.92	0.21	7.1	2.6	630
M895283		3.28	16.70	0.15	1.0	0.033	2.79	21.7	14.5	0.76	821	1.45	1.54	7.4	3.1	650
M895284		3.22	15.95	0.14	1.1	0.037	2.70	17.6	12.8	0.64	746	1.07	1.67	7.2	3.0	640
M895285		3.15	15.70	0.12	1.0	0.042	2.61	17.3	17.6	0.68	1120	1.13	1.43	7.3	3.8	620
M895286		3.32	15.75	0.13	1.1	0.069	3.21	24.7	19.5	0.65	2360	0.85	0.06	7.1	2.1	630
M895287		4.87	14.80	0.15	0.9	0.200	2.41	25.2	25.6	0.68	3030	1.04	0.05	6.0	2.7	500
M895288		0.51	0.23	0.08	<0.1	0.005	0.03	0.5	1.1	12.80	222	0.09	0.01	0.1	1.6	160
M895289		6.87	16.10	0.16	0.9	0.154	3.03	30.7	7.7	0.79	2920	0.43	0.06	6.3	2.5	540
M895290		6.54	15.50	0.14	0.8	0.165	3.17	23.7	5.9	0.77	3110	0.39	0.04	6.1	2.5	560
M895291		3.75	15.40	0.15	1.0	0.085	3.43	27.0	21.5	0.79	2340	0.19	0.03	7.0	2.6	620
M895292		4.49	18.35	0.15	1.1	0.104	3.25	25.1	41.8	1.31	2830	0.18	0.03	7.9	2.8	680
M895293		3.81	15.15	0.15	1.1	0.087	3.37	25.1	12.8	0.94	2090	0.25	0.03	6.9	2.4	620
M895294		3.17	16.35	0.14	1.1	0.067	2.85	25.4	25.2	0.72	1540	0.28	0.03	7.9	2.4	640
M895295		3.78	15.70	0.15	1.0	0.091	2.98	29.1	26.5	0.79	1800	0.23	0.03	7.1	2.5	640
M895296		3.46	15.90	0.14	1.0	0.067	2.77	26.1	26.0	0.90	1730	0.26	0.04	7.0	2.4	610
M895297		3.23	16.40	0.15	1.0	0.065	2.82	23.1	30.0	0.92	1720	0.15	0.03	7.1	2.3	620
M895298		3.25	15.20	0.14	1.1	0.040	2.80	25.4	23.0	1.10	1520	0.15	0.03	7.4	2.5	650
M895299		3.14	14.50	0.14	1.0	0.037	2.42	20.4	23.3	0.96	1260	0.17	0.37	6.9	2.6	610
M895300		3.11	14.30	0.12	1.1	0.042	2.22	20.6	14.8	0.70	987	0.21	1.44	7.0	2.6	620
M895301		3.37	15.30	0.15	1.0	0.067	2.32	19.8	25.5	1.15	1820	0.22	0.68	6.6	2.7	600
M895302		6.85	14.25	0.16	1.0	1.780	2.65	25.7	23.9	0.91	1920	13.45	0.03	5.8	15.3	460
M895303		3.30	17.35	0.12	1.0	0.053	2.01	15.4	25.6	0.64	1180	0.24	1.54	7.6	2.8	640
M895304		3.20	14.80	0.13	1.1	0.049	1.79	16.2	15.2	0.57	1060	0.21	2.25	7.2	2.6	620
M895305		3.20	14.95	0.12	1.1	0.049	1.80	15.3	15.6	0.57	1040	0.20	2.20	7.5	2.6	630
M895306		3.12	14.85	0.11	0.9	0.063	1.77	15.5	16.4	0.64	1280	0.17	2.07	7.2	2.7	620
M895307		3.12	14.60	0.13	1.0	0.048	1.89	19.2	25.1	0.81	1620	0.17	1.04	7.1	2.5	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12158891

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895273		15.6	88.8	<0.002	0.02	3.95	10.3	1	1.7	299	0.64	<0.05	11.7	0.276	1.22	3.1
M895274		16.8	96.0	0.002	0.02	2.29	16.2	1	2.4	348	0.71	0.08	14.5	0.376	1.27	3.2
M895275		2760	162.0	0.003	4.97	90.8	8.0	1	8.1	91.4	0.47	0.37	10.4	0.179	2.50	4.9
M895276		16.8	91.8	<0.002	0.10	6.09	9.9	1	1.8	201	0.63	0.05	10.8	0.267	1.61	3.6
M895277		15.8	96.7	<0.002	0.04	5.97	9.2	<1	2.0	228	0.63	<0.05	11.3	0.255	1.44	3.4
M895278		14.8	75.4	<0.002	0.01	9.13	9.0	1	1.7	138.0	0.68	<0.05	12.7	0.254	1.15	2.1
M895279		14.0	86.1	<0.002	0.05	10.10	9.5	<1	1.7	151.0	0.73	<0.05	13.9	0.251	1.23	3.3
M895280		83.7	173.0	<0.002	1.36	10.95	8.7	<1	4.6	85.8	0.60	<0.05	14.4	0.213	2.65	10.8
M895281		1.0	3.6	<0.002	0.02	0.11	0.4	<1	0.2	43.4	<0.05	<0.05	0.2	0.006	0.03	0.6
M895282		17.6	136.5	<0.002	0.16	15.00	11.0	<1	2.9	122.5	0.58	<0.05	11.0	0.272	2.46	4.3
M895283		17.0	112.0	<0.002	0.05	5.10	11.5	1	2.2	340	0.59	<0.05	10.7	0.280	1.59	3.1
M895284		17.2	94.1	0.002	0.05	4.74	10.5	1	1.9	358	0.61	<0.05	9.7	0.280	1.39	2.8
M895285		16.9	98.3	<0.002	0.05	6.24	11.6	1	2.1	312	0.59	<0.05	8.7	0.281	1.45	3.2
M895286		99.6	158.5	<0.002	0.39	9.36	10.8	1	2.4	78.3	0.59	<0.05	12.5	0.269	2.34	3.2
M895287		149.0	154.0	<0.002	1.15	11.10	10.0	<1	5.8	142.0	0.48	<0.05	11.0	0.225	1.96	5.3
M895288		1.0	1.3	<0.002	0.03	0.10	0.2	<1	0.3	40.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M895289		9.8	175.0	<0.002	1.63	7.01	10.0	<1	5.5	41.5	0.54	<0.05	12.5	0.241	2.31	3.0
M895290		8.2	185.5	<0.002	1.65	6.04	10.4	<1	4.2	42.9	0.50	<0.05	11.1	0.237	2.60	2.3
M895291		9.1	196.5	<0.002	0.10	6.84	11.1	<1	1.9	70.5	0.58	<0.05	12.8	0.265	3.06	3.3
M895292		16.2	134.5	<0.002	0.29	7.15	12.1	1	3.0	101.5	0.66	<0.05	12.3	0.288	3.08	3.7
M895293		9.4	207	<0.002	0.10	6.76	11.7	1	2.6	70.1	0.58	<0.05	14.1	0.265	2.92	3.8
M895294		7.9	150.0	<0.002	0.09	8.33	11.6	1	2.4	77.0	0.65	<0.05	13.2	0.273	2.35	3.0
M895295		11.6	174.0	<0.002	0.19	8.01	11.4	<1	2.6	109.0	0.60	<0.05	14.5	0.266	2.67	4.4
M895296		10.4	146.5	0.002	0.14	7.88	11.1	1	3.0	98.1	0.58	<0.05	12.7	0.255	2.44	2.5
M895297		12.4	119.0	<0.002	0.07	6.26	10.2	<1	2.8	119.0	0.59	<0.05	10.5	0.262	2.18	1.4
M895298		15.6	129.5	0.002	0.07	4.70	11.3	<1	2.4	114.0	0.61	<0.05	12.0	0.278	2.16	1.7
M895299		15.2	84.0	<0.002	0.07	4.59	10.0	<1	1.8	149.0	0.59	<0.05	10.5	0.271	1.65	2.1
M895300		16.1	91.7	<0.002	0.03	3.94	10.1	<1	1.9	222	0.64	<0.05	10.9	0.264	1.69	2.5
M895301		15.3	94.4	<0.002	0.29	5.21	9.4	<1	2.0	138.0	0.57	0.05	9.6	0.262	2.59	3.6
M895302		2760	165.5	0.003	5.01	94.0	8.4	<1	8.5	94.4	0.46	0.52	10.6	0.183	2.67	5.1
M895303		20.3	73.2	<0.002	0.03	8.49	9.8	<1	2.0	244	0.65	<0.05	8.7	0.279	1.55	1.9
M895304		17.2	66.1	<0.002	0.03	4.93	10.3	1	1.9	268	0.61	<0.05	9.0	0.278	1.13	1.7
M895305		17.3	63.3	<0.002	0.02	4.90	10.2	<1	1.9	258	0.63	<0.05	8.9	0.285	1.16	1.8
M895306		18.2	62.3	<0.002	0.04	4.56	10.1	<1	2.0	277	0.59	<0.05	9.1	0.275	1.13	1.6
M895307		17.7	75.6	<0.002	0.11	5.62	10.4	<1	2.0	217	0.55	<0.05	9.8	0.272	1.52	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12158891

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895273		76	1.5	13.5	55	24.4
M895274		112	1.3	21.4	75	28.2
M895275		56	5.3	9.8	5430	25.1
M895276		77	3.8	12.2	60	22.3
M895277		72	1.7	12.4	55	23.8
M895278		69	2.7	12.8	54	24.1
M895279		70	3.6	14.7	67	23.8
M895280		59	4.5	11.1	117	21.8
M895281		3	0.1	0.9	15	<0.5
M895282		77	4.5	13.2	71	21.2
M895283		80	1.2	14.0	60	21.6
M895284		80	1.6	12.7	57	21.7
M895285		83	1.0	13.8	61	21.1
M895286		81	2.7	12.2	198	23.1
M895287		66	6.7	9.6	845	21.3
M895288		2	0.1	0.7	17	<0.5
M895289		69	6.9	7.6	161	19.7
M895290		75	5.6	8.7	131	20.2
M895291		75	3.8	14.1	112	24.3
M895292		86	4.6	18.1	156	25.3
M895293		76	4.0	14.3	81	23.3
M895294		76	2.7	12.8	81	23.9
M895295		75	3.6	12.5	86	22.6
M895296		73	3.2	13.8	112	23.1
M895297		79	2.3	12.3	173	22.6
M895298		78	1.9	13.2	128	24.6
M895299		75	1.6	10.9	113	23.1
M895300		75	1.4	10.6	97	24.4
M895301		82	2.7	11.3	138	21.5
M895302		57	5.4	10.2	5540	25.6
M895303		88	2.0	10.2	138	23.3
M895304		78	1.9	10.0	142	23.5
M895305		79	1.9	10.0	137	24.1
M895306		74	2.0	10.7	210	22.7
M895307		74	2.3	11.6	180	24.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-74B

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158891

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158892

Project: Klaza-75

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

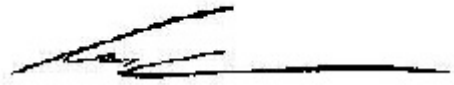
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158892

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828827		1.82	<0.005	0.16	6.29	7.1	3880	1.83	0.09	1.77	0.06	32.2	2.4	10	23.8	4.8
N828828		4.07	<0.005	0.09	6.72	9.2	2440	1.36	0.66	2.43	0.10	38.5	5.3	11	29.2	7.0
N828829		6.15	<0.005	0.06	6.70	6.4	980	1.91	0.12	1.48	0.08	40.3	2.3	9	20.3	4.0
N828830		3.88	<0.005	0.12	5.82	10.6	5390	2.07	0.65	2.10	0.09	36.5	2.0	6	23.3	8.2
N828831		4.94	<0.005	0.18	6.79	10.4	530	1.93	0.21	2.97	0.09	46.0	5.0	14	28.6	9.4
N828832		6.03	<0.005	0.05	6.59	8.1	1450	1.95	0.08	3.04	0.06	43.2	5.4	20	23.0	4.9
N828833		5.20	<0.005	0.05	7.15	5.7	1610	1.68	0.05	2.27	0.10	49.4	5.4	20	25.1	6.9
N828834		<0.02	<0.005	0.14	7.00	6.9	1620	1.90	0.06	2.24	0.11	51.0	5.4	19	25.8	7.1
N828835		5.16	<0.005	0.14	6.56	8.1	870	1.69	0.05	2.86	0.07	39.6	5.3	22	26.9	6.1
N828836		4.62	<0.005	0.05	6.81	6.8	1650	1.97	0.06	2.99	0.07	40.3	5.2	18	25.9	4.8
N828837		5.78	<0.005	0.03	7.14	6.6	1090	1.69	0.11	3.12	0.05	47.7	5.6	19	27.1	5.3
N828838		0.28	0.845	9.43	6.60	1820	770	1.37	6.48	1.92	43.0	42.8	16.6	21	16.75	106.5
N828839		4.41	<0.005	0.29	7.20	11.8	350	2.07	0.29	1.99	0.14	51.6	3.5	12	32.3	4.0
N828840		5.50	<0.005	0.06	6.78	11.1	350	2.19	0.09	2.22	0.11	43.6	4.1	10	31.1	2.2
N828841		3.40	<0.005	0.03	7.06	4.9	310	1.92	0.08	2.20	0.10	43.5	3.6	15	28.7	1.5
N828842		1.56	<0.005	0.03	6.95	4.1	260	1.88	0.07	2.12	0.09	44.8	3.6	10	26.9	1.5
N828843		2.15	<0.005	0.07	6.83	7.7	220	1.70	0.06	1.61	0.20	46.9	3.5	14	24.6	2.7
N828844		3.47	<0.005	0.04	6.53	6.1	300	1.82	0.07	2.06	0.24	39.8	3.2	11	22.9	3.9
N828845		2.37	<0.005	0.03	6.65	7.7	340	1.92	0.05	1.72	0.20	47.7	3.0	14	23.6	1.9
N828846		2.32	<0.005	0.19	7.08	20.0	1060	1.28	2.60	1.23	0.26	45.6	7.7	9	23.7	12.1
N828847		1.48	<0.005	0.02	0.09	<5	20	<0.05	0.03	20.6	0.05	1.05	0.5	<1	0.32	2.2
N828848		1.83	<0.005	0.15	7.41	20.4	2310	1.56	0.89	1.75	0.18	45.3	7.3	17	26.5	16.6
N828849		4.09	<0.005	0.21	7.06	8.6	2230	1.66	0.96	2.72	0.15	37.8	6.7	13	28.4	6.1
N828850		3.76	<0.005	0.13	7.18	7.4	2090	1.63	0.96	2.75	0.12	45.0	7.3	14	23.2	5.2
N828951		1.79	0.009	0.21	7.62	18.4	2290	1.68	0.63	3.08	0.15	42.9	7.6	12	26.7	10.9
N828952		5.63	<0.005	0.23	7.23	7.1	2220	1.54	0.80	2.85	0.12	40.0	7.2	16	24.2	9.6
N828953		2.06	0.185	3.07	6.82	108.5	1510	1.75	0.96	2.01	12.35	45.7	8.3	14	29.5	43.5
N828954		2.96	<0.005	0.09	0.07	<5	20	<0.05	0.04	20.4	0.06	1.01	0.5	1	0.24	1.2
N828955		2.21	<0.005	0.07	7.20	53.8	730	1.42	0.12	2.63	0.29	59.7	10.0	43	34.2	20.4
N828956		3.42	<0.005	0.11	6.79	16.9	1500	1.92	0.12	2.36	0.21	42.1	3.7	12	31.8	3.2
N828957		4.72	<0.005	0.04	6.69	7.8	1090	1.99	0.06	2.47	0.13	48.4	3.6	12	27.4	1.4
N828958		3.10	<0.005	0.06	6.49	5.7	570	1.84	0.05	2.43	0.12	38.8	3.0	11	20.0	1.8
N828959		0.27	2.50	24.5	5.79	3360	310	1.15	20.1	2.19	76.5	41.2	10.2	18	14.00	423
N828960		3.06	<0.005	0.24	6.36	9.4	2180	1.88	0.07	1.65	0.15	44.6	2.4	10	17.90	2.8
N828961		3.59	<0.005	0.09	6.30	6.4	2070	1.77	0.12	1.71	0.12	44.1	1.8	7	17.40	3.8
N828962		3.39	<0.005	0.20	6.18	14.8	1220	1.54	0.56	1.46	0.16	39.9	3.2	8	21.4	10.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158892

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828827		1.43	14.70	0.14	2.1	0.029	2.55	15.9	43.6	0.50	480	0.82	0.06	9.2	2.4	280
N828828		2.85	14.40	0.14	1.3	0.094	2.52	17.7	38.3	0.69	799	0.86	2.02	7.1	2.5	530
N828829		1.50	15.35	0.17	2.2	0.017	2.65	20.3	49.0	0.51	497	0.63	0.07	9.6	1.7	260
N828830		1.26	14.45	0.14	2.2	0.017	2.46	17.3	43.4	0.44	414	3.76	0.08	9.0	1.2	230
N828831		2.20	16.65	0.17	2.3	0.025	2.63	22.3	96.4	0.71	517	1.40	0.27	9.1	4.4	710
N828832		2.25	17.35	0.16	1.9	0.029	2.78	21.5	103.5	0.72	496	1.22	1.41	8.9	6.2	710
N828833		2.22	17.90	0.14	1.7	0.023	2.31	26.7	88.4	0.74	513	0.91	0.09	9.0	5.8	690
N828834		2.20	18.30	0.17	1.8	0.029	2.29	26.2	93.0	0.72	511	0.91	0.09	9.6	6.7	670
N828835		2.07	17.25	0.16	1.7	0.024	2.49	19.0	86.0	0.66	475	1.02	0.07	8.7	5.6	680
N828836		2.22	17.90	0.15	1.8	0.022	2.84	20.7	75.4	0.70	485	0.77	1.34	9.1	5.8	700
N828837		2.51	17.25	0.14	2.5	0.028	2.61	24.3	74.2	0.86	535	1.19	0.48	8.8	6.0	880
N828838		5.36	15.35	0.15	1.3	0.884	2.84	22.7	24.0	0.70	1950	11.80	0.26	7.0	15.1	470
N828839		1.87	16.85	0.17	1.8	0.025	2.48	26.7	64.5	0.67	487	2.39	0.05	8.9	2.4	480
N828840		2.05	17.15	0.13	1.7	0.026	2.57	22.0	49.0	0.70	558	1.03	0.04	9.1	2.3	510
N828841		2.18	16.75	0.13	1.6	0.022	2.68	21.9	39.3	0.71	586	1.01	0.04	8.6	2.3	560
N828842		2.09	16.25	0.15	1.7	0.022	2.64	21.8	39.7	0.69	579	0.75	0.04	8.5	2.3	530
N828843		1.84	15.55	0.14	1.6	0.020	2.57	25.0	41.1	0.62	654	0.98	0.03	7.8	2.2	480
N828844		1.94	16.35	0.14	1.6	0.022	2.36	19.2	71.6	0.64	788	0.81	0.03	8.7	2.3	490
N828845		1.88	15.45	0.16	1.8	0.024	2.60	24.0	66.6	0.59	766	1.12	0.03	8.6	2.0	400
N828846		2.39	14.95	0.16	1.2	0.044	1.86	25.9	80.8	0.56	876	2.14	0.05	7.2	2.7	470
N828847		0.48	0.23	0.13	<0.1	<0.005	0.04	0.5	1.2	12.70	224	0.09	<0.01	0.1	1.6	150
N828848		2.73	15.95	0.18	1.2	0.040	2.85	22.7	102.5	0.62	912	1.77	0.20	7.4	2.5	550
N828849		2.99	15.95	0.14	1.1	0.039	2.67	17.3	23.5	0.57	684	1.26	1.93	7.3	2.5	580
N828850		3.01	16.85	0.15	1.4	0.038	2.60	22.2	16.4	0.69	667	1.68	2.15	8.1	2.8	560
N828951		3.18	16.40	0.15	1.3	0.042	2.87	20.9	19.9	0.77	843	1.42	1.88	8.2	2.7	600
N828952		2.99	15.80	0.14	1.2	0.040	2.81	18.6	22.8	0.72	862	1.38	1.89	7.2	2.5	560
N828953		2.99	15.30	0.15	2.0	0.089	2.73	25.0	53.5	0.73	3450	5.99	0.21	8.3	4.2	490
N828954		0.46	0.19	0.12	<0.1	0.005	0.03	0.5	1.0	12.55	213	0.09	0.01	0.2	1.5	170
N828955		3.40	16.70	0.15	4.0	0.036	1.84	32.0	244	1.24	813	1.09	0.03	9.2	15.7	1530
N828956		1.82	15.65	0.17	1.8	0.026	2.60	20.5	46.4	0.78	617	1.30	0.05	8.4	2.6	480
N828957		1.98	16.50	0.18	1.5	0.025	2.52	24.3	102.5	0.75	558	1.06	0.04	8.8	2.4	510
N828958		1.96	15.25	0.16	1.6	0.020	2.10	18.7	144.0	0.70	604	0.94	0.03	8.1	1.7	460
N828959		6.69	13.25	0.14	0.8	1.555	2.55	22.0	21.8	0.89	1820	12.15	0.04	5.3	14.7	420
N828960		1.53	15.05	0.15	1.8	0.017	2.16	22.5	111.5	0.54	524	1.30	0.04	8.4	1.6	350
N828961		1.31	14.40	0.15	2.1	0.014	2.42	21.1	52.9	0.57	513	1.85	0.04	9.0	1.2	230
N828962		1.46	14.10	0.15	2.1	0.023	1.97	20.4	110.0	0.53	566	1.59	0.05	8.4	1.9	250

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158892

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828827		17.5	96.5	0.002	0.11	4.10	3.7	<1	2.0	304	1.01	<0.05	11.4	0.123	1.33	5.5
N828828		18.0	98.0	<0.002	0.04	4.68	8.8	1	2.2	251	0.69	<0.05	11.6	0.248	1.44	2.3
N828829		25.2	113.5	0.002	0.04	3.51	3.6	<1	2.2	305	1.10	<0.05	13.0	0.117	1.46	6.8
N828830		33.6	88.1	<0.002	0.16	4.78	2.7	<1	3.1	288	1.04	<0.05	11.3	0.104	1.36	11.2
N828831		20.3	87.3	0.002	0.01	5.36	5.5	<1	2.6	532	0.80	<0.05	9.5	0.235	1.35	5.2
N828832		19.1	84.6	<0.002	<0.01	2.86	5.3	<1	1.5	616	0.78	<0.05	9.0	0.240	1.30	4.7
N828833		15.3	84.1	<0.002	0.04	13.45	5.8	<1	1.4	333	0.75	<0.05	10.6	0.231	1.21	3.1
N828834		16.0	81.8	<0.002	0.04	13.85	6.0	<1	1.6	330	0.81	<0.05	10.4	0.232	1.26	3.1
N828835		21.4	80.0	0.002	0.02	9.81	5.0	1	1.4	409	0.75	<0.05	8.7	0.226	1.28	4.9
N828836		20.2	88.8	0.002	0.01	5.11	5.3	1	1.5	606	0.79	<0.05	8.9	0.236	1.31	4.1
N828837		15.7	83.5	0.002	0.01	7.95	6.2	<1	1.4	546	0.75	<0.05	9.8	0.272	1.35	3.8
N828838		1300	158.0	0.003	3.15	34.5	8.8	1	6.1	155.5	0.62	0.26	12.2	0.211	2.60	5.2
N828839		28.3	94.9	0.002	0.04	8.82	4.7	<1	1.4	273	0.85	<0.05	11.7	0.186	1.43	6.5
N828840		21.1	90.0	<0.002	0.03	7.89	5.1	<1	1.4	301	0.83	<0.05	9.4	0.201	1.48	5.7
N828841		13.7	88.8	<0.002	0.01	8.32	5.0	<1	1.4	308	0.78	<0.05	8.9	0.214	1.37	3.6
N828842		15.2	95.3	0.002	0.01	8.77	5.0	1	1.4	294	0.81	<0.05	9.4	0.212	1.49	4.1
N828843		11.9	99.2	<0.002	0.03	19.80	4.9	<1	1.3	193.0	0.76	<0.05	10.4	0.196	1.45	5.0
N828844		13.1	81.1	0.002	0.02	14.20	4.8	<1	1.6	227	0.76	<0.05	8.5	0.202	1.34	4.1
N828845		18.3	94.2	0.002	0.02	7.60	4.2	<1	1.8	186.0	0.84	<0.05	10.9	0.172	1.46	6.7
N828846		15.6	90.5	0.002	0.15	29.1	8.6	1	2.9	167.0	0.66	<0.05	13.7	0.224	1.35	4.8
N828847		1.2	1.9	0.002	<0.01	0.11	0.3	<1	0.2	40.1	<0.05	<0.05	0.3	<0.005	<0.02	0.5
N828848		17.9	122.5	0.002	0.18	21.2	9.9	1	2.4	225	0.62	<0.05	13.4	0.250	2.07	3.8
N828849		21.4	97.1	<0.002	0.05	3.81	9.5	1	2.2	385	0.60	<0.05	9.5	0.254	1.36	3.1
N828850		19.3	105.0	0.002	0.03	2.82	10.8	1	2.3	394	0.72	<0.05	11.6	0.263	1.31	3.4
N828951		19.8	112.5	0.002	0.16	4.12	10.6	<1	2.4	403	0.73	<0.05	12.2	0.267	1.44	4.2
N828952		19.8	102.0	0.002	0.03	2.87	9.7	<1	2.0	390	0.60	<0.05	10.9	0.253	1.53	3.1
N828953		692	122.0	0.003	0.78	19.10	6.9	1	2.6	442	0.81	<0.05	12.9	0.203	1.98	8.1
N828954		1.9	1.4	<0.002	0.01	0.09	0.2	<1	0.2	37.5	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N828955		23.3	70.7	0.002	0.03	22.4	8.0	1	1.3	1200	0.63	<0.05	7.3	0.423	1.23	2.6
N828956		20.6	90.6	<0.002	0.06	6.36	4.5	1	1.8	259	0.80	<0.05	9.3	0.191	1.55	5.0
N828957		15.1	101.5	<0.002	0.03	5.23	5.1	<1	1.6	322	0.78	<0.05	9.6	0.202	1.59	4.3
N828958		15.0	67.7	0.002	0.02	8.40	4.3	<1	1.4	294	0.78	<0.05	8.5	0.190	1.32	3.2
N828959		2690	148.5	0.004	4.81	90.7	7.8	1	7.7	92.9	0.46	0.37	10.4	0.177	2.33	4.9
N828960		24.0	77.9	0.002	0.08	6.09	3.7	<1	1.6	258	0.83	<0.05	10.8	0.149	1.43	6.6
N828961		33.3	81.4	<0.002	0.08	4.62	2.8	<1	1.9	294	0.96	<0.05	11.9	0.112	1.52	7.2
N828962		21.1	83.2	0.003	0.08	15.50	3.6	<1	3.4	220	0.97	<0.05	13.1	0.108	1.46	12.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158892

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828827		25	2.7	11.2	39	48.8
N828828		63	2.6	13.6	49	28.7
N828829		23	2.2	11.9	44	51.5
N828830		18	1.8	9.9	37	53.4
N828831		50	2.3	10.7	59	71.5
N828832		53	1.1	9.4	56	56.4
N828833		51	1.6	11.1	58	51.0
N828834		51	1.7	11.5	59	51.9
N828835		48	1.4	9.1	56	48.7
N828836		51	1.2	9.8	55	52.7
N828837		61	1.3	10.6	62	82.6
N828838		59	4.9	11.2	3050	35.3
N828839		36	1.2	11.5	61	48.4
N828840		40	1.3	10.9	65	44.3
N828841		43	1.4	11.1	63	43.0
N828842		42	1.3	11.1	62	38.8
N828843		41	1.2	10.0	66	36.1
N828844		40	1.5	10.3	70	38.4
N828845		33	1.5	11.5	72	45.3
N828846		58	2.7	13.6	68	28.7
N828847		4	0.1	0.7	13	<0.5
N828848		67	1.5	14.9	58	29.2
N828849		70	0.9	13.5	56	27.5
N828850		73	1.1	16.1	54	30.2
N828951		74	1.3	15.8	52	29.2
N828952		72	1.3	14.5	56	27.4
N828953		51	6.8	13.9	1410	54.6
N828954		3	0.1	0.7	14	<0.5
N828955		90	2.0	11.8	100	148.5
N828956		37	1.2	10.0	69	42.8
N828957		39	1.3	10.9	67	39.4
N828958		38	1.6	9.6	63	39.0
N828959		56	4.6	9.1	5320	21.7
N828960		28	1.9	10.1	49	44.9
N828961		19	1.9	9.9	50	52.3
N828962		25	1.8	12.4	52	51.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158892

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158893

Project: Klaza-75

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

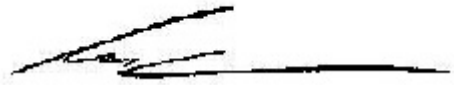
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158893

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828963		2.16	<0.005	0.03	7.63	9.6	4840	1.34	0.16	2.33	0.13	67.5	7.6	21	29.7	<0.2
N828964		2.60	<0.005	0.05	7.29	9.9	2280	1.89	0.10	2.41	0.08	58.9	4.5	18	36.9	<0.2
N828965		4.89	<0.005	0.04	7.13	4.9	950	1.71	0.05	2.84	0.07	51.4	4.1	11	29.2	<0.2
N828966		1.86	<0.005	0.29	7.27	5.3	1200	2.00	0.04	2.29	0.13	41.6	3.9	14	24.0	3.4
N828967		<0.02	<0.005	0.29	7.03	5.7	1150	2.10	0.04	2.23	0.13	41.1	3.8	13	23.9	3.3
N828968		5.57	<0.005	0.05	7.04	3.7	460	2.11	0.03	2.84	0.07	40.3	3.8	17	23.5	1.7
N828969		5.18	<0.005	0.05	7.07	5.3	1420	2.16	0.03	1.77	0.13	47.8	3.1	13	21.5	1.0
N828970		4.16	<0.005	0.09	6.32	7.1	2200	1.82	0.10	1.84	0.26	43.4	2.1	6	15.80	1.5
N828971		1.86	<0.005	0.19	6.18	5.6	320	1.75	1.43	1.60	0.16	35.2	1.0	12	16.95	1.5
N828972		2.16	0.005	0.54	7.52	24.5	7720	1.42	1.21	2.50	0.17	51.7	8.8	13	25.2	9.7
N828973		2.15	0.085	2.06	7.31	146.0	2470	1.41	0.79	2.44	0.90	50.7	11.3	13	20.5	27.1
N828974		1.95	1.105	12.30	6.27	841	740	1.48	1.55	1.55	6.44	42.1	19.3	12	22.8	56.7
N828975		1.20	<0.005	0.04	0.10	6	30	0.07	0.03	21.8	0.08	1.30	1.1	2	0.41	1.7
N828976		1.90	0.218	17.80	7.42	368	1830	1.43	3.46	2.62	10.35	44.0	6.4	13	15.20	55.4
N828977		1.42	0.005	0.36	7.30	33.6	2110	1.52	3.04	2.34	0.20	46.5	8.0	14	14.10	18.6
N828978		1.04	<0.005	0.21	7.53	15.6	2150	1.58	2.41	2.39	0.12	48.8	7.9	15	13.15	17.8
N828979		4.80	0.014	0.24	7.51	18.2	2290	1.47	1.61	2.21	0.23	54.0	9.4	15	11.30	32.6
N828980		0.23	2.26	24.7	6.05	3560	1370	1.27	19.65	2.23	77.8	44.9	10.6	19	15.60	446
N828981		2.40	0.005	0.21	8.39	18.1	2190	1.26	1.25	0.95	0.31	51.1	15.3	15	13.75	18.3
N828982		3.65	0.007	0.33	8.13	25.3	2790	1.17	1.90	1.37	0.20	51.1	19.2	15	10.45	33.5
N828983		3.33	0.008	0.46	7.82	37.0	3100	1.41	1.39	1.66	0.23	48.6	7.9	22	13.80	39.2
N828984		3.11	0.013	0.54	7.93	50.2	2250	1.62	1.39	1.59	0.35	52.3	8.2	19	11.65	39.9
N828985		2.13	0.095	4.40	5.44	198.0	740	1.25	1.46	2.00	8.65	36.7	7.7	20	22.1	216
N828986		2.86	<0.005	0.03	0.19	5	40	0.13	0.03	21.5	0.07	1.85	1.6	3	0.69	5.3
N828987		2.36	<0.005	0.96	6.26	6.3	2190	1.22	1.40	1.80	7.82	39.2	4.3	20	7.67	15.8
N828988		1.69	<0.005	0.34	7.68	8.0	2380	1.37	1.07	1.71	0.27	50.4	9.1	17	8.47	13.6
N828989		5.60	0.083	0.87	7.15	18.2	2180	1.47	0.74	2.30	2.64	44.7	6.8	21	11.70	160.5
N828990		0.27	2.21	24.3	6.07	3540	1450	1.33	19.65	2.22	78.0	45.7	10.8	18	15.70	446
N828991		5.88	0.014	0.21	7.39	13.1	2260	1.50	1.66	2.33	0.17	51.1	9.1	17	9.66	16.0
N828992		4.73	<0.005	0.11	7.22	11.0	2240	1.53	1.05	2.35	0.09	49.9	7.1	23	9.00	8.6
N828993		2.51	<0.005	0.10	6.63	13.3	2310	1.52	0.79	2.35	0.08	38.7	7.4	19	14.40	4.5
N828994		2.94	<0.005	0.21	6.52	20.4	3040	1.42	0.59	3.09	0.11	41.2	6.9	19	20.7	4.1
N828995		1.89	<0.005	0.41	7.12	72.0	790	1.89	1.29	2.71	0.22	46.6	7.7	19	25.9	7.0
N828996		2.76	<0.005	0.17	7.32	16.3	2250	1.48	1.31	2.52	0.23	40.5	9.1	20	20.4	14.4
N828997		1.76	0.005	0.12	7.42	11.2	2290	1.51	1.14	2.25	0.11	46.3	6.5	21	15.45	16.0
N828998		1.90	0.014	0.69	6.97	54.3	1540	1.47	2.86	2.72	2.45	44.0	6.1	17	16.20	12.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158893

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828963		3.06	18.45	0.16	3.8	0.036	2.31	35.5	118.0	1.01	725	0.55	0.03	10.8	6.6	1180
N828964		2.11	17.70	0.13	1.9	0.025	2.61	30.7	68.6	0.81	589	1.38	0.05	10.2	3.1	590
N828965		2.16	17.25	0.13	1.7	0.025	2.68	24.7	70.1	0.79	569	1.16	0.30	10.9	2.3	580
N828966		1.97	16.70	0.11	1.6	0.024	2.21	21.3	103.0	0.68	680	1.26	0.03	10.7	2.5	560
N828967		1.92	16.75	0.12	1.6	0.026	2.16	20.8	100.5	0.66	661	1.20	0.02	10.8	2.3	550
N828968		2.08	17.90	0.13	1.6	0.026	2.47	19.9	100.5	0.66	587	1.52	0.09	11.6	2.4	590
N828969		1.69	16.40	0.10	1.7	0.021	2.49	24.4	145.0	0.59	697	1.61	0.01	10.8	1.9	430
N828970		1.39	14.15	0.11	1.9	0.010	2.17	23.5	66.2	0.63	923	2.08	0.01	10.1	1.6	210
N828971		1.15	13.70	0.09	2.2	0.010	1.98	19.2	84.7	0.58	811	3.49	0.02	10.7	1.4	80
N828972		2.81	15.75	0.14	1.4	0.059	2.71	27.2	61.0	0.93	1600	2.45	<0.01	9.6	3.0	650
N828973		3.47	15.05	0.15	1.1	0.150	2.66	28.2	45.6	0.97	2480	4.38	0.01	8.1	2.5	570
N828974		3.50	13.85	0.13	0.9	0.158	2.35	24.4	71.6	0.62	2510	5.19	0.02	7.1	3.1	420
N828975		0.47	0.34	0.05	<0.1	<0.005	0.04	0.7	1.6	12.70	226	0.55	<0.01	0.2	1.6	180
N828976		3.36	16.30	0.13	1.2	0.073	2.80	23.0	59.9	0.90	4100	4.13	0.05	8.3	2.1	550
N828977		2.97	15.85	0.12	1.3	0.044	2.93	23.3	32.5	0.73	877	1.66	1.83	8.5	2.6	580
N828978		3.02	15.90	0.14	1.3	0.046	2.86	24.9	17.5	0.76	673	1.78	2.04	9.0	2.7	590
N828979		3.14	15.55	0.14	1.1	0.071	2.98	28.0	15.5	0.73	704	1.81	1.78	8.4	2.6	580
N828980		6.80	13.45	0.17	0.9	1.745	2.59	25.5	23.9	0.91	1900	13.40	0.03	6.3	14.9	460
N828981		3.19	17.05	0.14	1.3	0.067	2.98	27.4	37.8	0.50	823	1.77	0.32	9.0	2.7	640
N828982		3.48	16.50	0.14	1.2	0.109	2.94	28.4	36.9	0.65	961	2.17	0.16	8.8	3.0	600
N828983		3.33	16.60	0.14	1.3	0.111	3.65	25.5	43.9	0.67	1480	2.10	0.42	8.9	2.7	580
N828984		3.44	17.50	0.15	1.1	0.197	3.38	28.0	95.2	0.66	1580	2.20	0.35	8.9	2.8	610
N828985		3.73	13.45	0.12	0.7	0.286	2.01	21.1	82.5	0.73	4520	8.57	0.03	5.6	2.9	370
N828986		0.49	0.47	0.06	<0.1	0.006	0.08	0.9	2.7	12.75	229	0.16	0.01	0.4	3.8	170
N828987		3.02	14.65	0.11	0.9	0.220	2.19	21.0	24.4	0.69	1060	2.83	1.31	6.9	2.3	470
N828988		3.53	16.60	0.15	1.3	0.164	2.90	26.8	18.5	0.73	879	2.13	1.79	8.7	2.7	580
N828989		3.27	15.70	0.13	1.2	0.115	3.05	23.4	14.1	0.70	857	3.16	1.81	8.8	2.7	580
N828990		6.74	13.70	0.15	0.9	1.755	2.59	26.3	24.8	0.91	1900	13.65	0.03	6.4	15.0	450
N828991		3.25	15.90	0.14	1.2	0.074	2.85	26.1	14.6	0.81	705	1.99	2.17	9.0	2.9	590
N828992		3.12	15.70	0.15	1.3	0.065	2.84	25.5	12.9	0.75	607	2.36	2.19	8.9	2.7	570
N828993		2.93	14.90	0.16	1.2	0.057	2.90	19.1	20.1	0.67	643	1.97	1.92	8.3	2.7	540
N828994		3.06	14.75	0.13	1.1	0.051	2.95	20.4	64.2	0.89	1100	2.03	0.88	8.1	2.7	530
N828995		2.92	16.00	0.15	1.1	0.037	3.17	24.3	73.6	0.92	1660	2.13	0.10	8.4	3.0	540
N828996		3.09	15.60	0.13	1.4	0.056	3.13	20.4	25.8	0.69	980	1.85	1.64	8.3	2.7	570
N828997		3.02	15.80	0.12	1.5	0.041	3.05	23.7	21.9	0.67	634	2.11	1.78	8.7	2.7	580
N828998		3.26	15.00	0.15	1.2	0.092	2.78	23.5	80.5	0.89	3130	1.65	0.09	7.4	2.7	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158893

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828963		12.5	96.5	<0.002	0.13	17.05	8.0	<1	1.5	537	0.72	<0.05	9.9	0.343	1.48	3.7
N828964		16.8	111.5	<0.002	0.08	13.65	5.5	<1	2.9	288	0.83	<0.05	11.6	0.226	1.90	4.7
N828965		21.3	90.6	<0.002	0.02	6.99	4.7	<1	1.8	371	0.83	<0.05	9.1	0.238	1.75	4.0
N828966		12.1	74.1	<0.002	0.04	9.40	5.0	1	1.6	259	0.82	<0.05	8.5	0.229	1.66	4.1
N828967		12.2	71.2	<0.002	0.04	9.41	5.0	1	1.6	253	0.81	<0.05	8.4	0.226	1.66	4.2
N828968		18.3	73.5	<0.002	0.01	8.94	4.7	1	1.4	333	0.82	<0.05	7.8	0.251	1.90	3.7
N828969		22.5	87.8	<0.002	0.08	9.69	4.2	1	1.4	269	0.86	<0.05	10.4	0.186	2.04	6.0
N828970		26.4	81.0	<0.002	0.11	13.40	2.9	1	1.1	203	0.93	<0.05	11.9	0.102	1.83	7.8
N828971		14.1	83.8	<0.002	0.03	26.4	1.9	1	1.7	168.0	1.15	<0.05	13.0	0.053	1.68	7.9
N828972		27.6	108.5	<0.002	0.52	16.00	10.7	1	3.2	343	0.71	<0.05	13.4	0.272	2.93	6.1
N828973		31.8	141.0	<0.002	1.08	28.7	10.0	1	3.0	242	0.62	<0.05	12.4	0.236	2.74	7.8
N828974		167.5	121.0	0.002	1.92	56.2	8.4	1	7.9	159.5	0.54	0.08	11.9	0.200	2.23	5.5
N828975		1.6	2.0	<0.002	0.01	0.13	0.3	1	0.2	45.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828976		1370	111.0	<0.002	1.11	89.8	9.7	1	3.0	169.5	0.67	0.06	12.8	0.247	2.00	5.0
N828977		24.9	105.5	<0.002	0.28	6.23	10.1	1	3.1	346	0.66	0.05	12.3	0.259	1.57	4.0
N828978		21.6	102.5	<0.002	0.21	3.62	10.6	1	3.2	366	0.72	<0.05	13.0	0.263	1.46	4.5
N828979		31.9	109.0	<0.002	0.23	6.35	10.1	1	3.4	323	0.63	<0.05	13.5	0.258	1.44	3.8
N828980		2860	147.0	0.002	5.02	90.4	8.0	2	7.8	92.3	0.48	0.34	11.0	0.184	2.34	5.6
N828981		21.4	124.0	<0.002	0.31	20.7	11.3	1	3.7	118.0	0.68	0.10	14.4	0.271	1.57	4.3
N828982		14.4	131.5	<0.002	0.54	23.2	10.9	1	3.2	111.0	0.67	0.27	14.7	0.257	1.63	3.1
N828983		20.7	144.5	<0.002	0.50	22.2	10.8	1	2.9	151.0	0.71	0.21	13.8	0.253	2.15	4.9
N828984		35.7	133.0	<0.002	0.50	24.7	10.7	1	2.7	151.5	0.65	0.11	14.7	0.260	2.00	6.4
N828985		495	110.5	0.002	1.34	41.4	7.4	1	2.2	95.4	0.42	0.07	9.3	0.160	1.77	7.3
N828986		2.1	3.7	<0.002	0.02	0.14	0.5	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	0.03	0.7
N828987		485	105.0	<0.002	0.31	4.79	8.9	1	2.2	120.0	0.54	0.13	11.1	0.197	1.67	5.0
N828988		28.3	116.5	<0.002	0.15	3.98	10.6	1	2.6	201	0.71	<0.05	14.2	0.249	1.61	5.9
N828989		106.0	114.0	<0.002	0.23	5.96	10.2	1	2.4	298	0.68	0.06	12.8	0.249	1.56	4.2
N828990		2820	147.5	0.002	5.01	91.4	8.2	2	7.8	93.4	0.47	0.37	11.6	0.185	2.38	5.7
N828991		39.0	102.0	<0.002	0.14	2.20	10.7	1	2.3	352	0.70	<0.05	13.8	0.255	1.35	4.6
N828992		16.4	101.0	<0.002	0.10	2.56	10.3	1	2.1	357	0.69	<0.05	13.1	0.249	1.31	4.2
N828993		15.4	97.7	<0.002	0.16	3.66	9.2	1	1.9	306	0.64	<0.05	10.7	0.244	1.58	3.4
N828994		17.4	100.0	<0.002	0.22	8.26	9.1	1	2.0	253	0.60	<0.05	10.8	0.236	1.95	4.1
N828995		17.4	125.0	<0.002	0.34	15.80	9.6	1	1.9	161.0	0.64	<0.05	11.9	0.240	2.84	4.9
N828996		17.1	114.5	<0.002	0.17	9.07	9.4	1	2.0	280	0.71	<0.05	11.3	0.260	1.85	4.0
N828997		16.8	109.0	<0.002	0.07	5.78	10.1	1	2.0	313	0.75	<0.05	12.8	0.251	1.48	4.5
N828998		180.5	112.5	<0.002	0.61	16.75	9.3	1	2.9	140.0	0.64	<0.05	12.3	0.224	2.18	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12158893

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828963		75	2.4	14.5	72	142.5
N828964		44	1.9	12.2	67	49.3
N828965		41	1.5	11.2	64	42.5
N828966		41	3.8	10.5	68	44.0
N828967		40	3.9	10.4	66	43.2
N828968		42	1.8	9.3	69	44.2
N828969		32	1.9	10.4	59	48.1
N828970		17	1.4	10.5	54	51.6
N828971		7	1.8	12.2	35	57.0
N828972		72	4.7	15.7	53	34.2
N828973		65	5.2	13.8	132	28.4
N828974		54	6.4	10.7	706	24.5
N828975		2	0.1	0.8	18	0.5
N828976		64	4.1	14.2	1580	30.4
N828977		68	2.8	14.6	57	31.2
N828978		70	1.8	15.7	49	32.8
N828979		69	2.0	15.1	64	28.7
N828980		56	5.0	9.8	5430	25.2
N828981		70	4.5	14.9	73	33.2
N828982		69	2.6	14.8	70	32.4
N828983		71	2.7	14.1	67	32.3
N828984		70	3.2	14.6	81	30.6
N828985		56	8.0	11.0	808	19.0
N828986		3	0.2	1.0	17	<0.5
N828987		59	2.3	11.8	651	23.3
N828988		67	2.5	15.4	82	32.4
N828989		67	3.0	15.0	316	31.7
N828990		57	5.0	9.9	5380	27.0
N828991		69	2.0	16.4	55	30.4
N828992		67	1.6	16.2	46	33.4
N828993		64	1.5	13.0	48	29.4
N828994		66	2.2	13.0	49	28.3
N828995		65	3.1	13.7	59	29.8
N828996		68	2.4	13.3	87	32.3
N828997		67	1.5	15.6	49	34.7
N828998		66	5.3	14.6	303	27.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-75

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158893

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158894

Project: Klaza-77

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

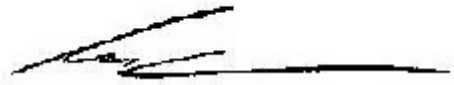
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158894

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897459		6.17	0.031	0.12	7.67	31.3	2000	1.56	0.26	2.24	0.16	42.2	7.7	9	15.00	9.2
M897460		8.02	0.009	0.26	6.85	19.3	1210	1.33	0.23	2.03	0.85	36.9	4.6	9	13.50	5.7
M897461		3.30	<0.005	0.22	7.34	22.5	1970	1.44	0.31	1.70	0.23	36.0	6.3	8	15.00	3.5
M897462		8.78	<0.005	0.10	7.65	8.6	2090	1.52	0.16	2.26	0.15	39.2	5.8	8	17.50	3.8
M897463		4.16	0.069	1.72	6.57	506	1760	1.55	0.49	2.71	9.92	32.8	6.7	11	21.4	15.3
M897464		5.79	0.206	5.28	6.92	1855	400	1.27	3.86	1.75	16.85	36.8	7.2	10	10.45	47.0
M897465		3.04	<0.005	0.05	0.08	<5	30	0.07	0.04	20.7	0.09	1.14	0.7	1	0.20	2.5
M897466		5.45	0.005	0.44	7.46	17.9	1940	1.52	0.31	2.42	0.82	43.1	5.0	9	12.40	5.3
M897467		0.22	0.123	25.9	6.14	3470	1680	1.15	21.0	2.26	77.2	39.4	10.6	18	14.15	426
M897468		7.01	<0.005	0.36	7.50	18.6	2080	1.51	0.19	2.68	0.41	41.4	5.8	10	10.75	4.8
M897469		12.00	<0.005	0.31	7.16	16.5	1990	1.53	0.17	2.56	0.37	39.2	5.9	9	10.75	4.2
M897470		9.80	<0.005	0.26	7.58	12.7	2240	1.49	0.16	2.22	0.77	40.9	5.7	10	8.46	4.1
M897471		12.88	<0.005	0.10	7.53	8.3	2270	1.60	0.15	2.57	0.13	43.5	6.1	10	9.32	3.6
M897472		<0.02	<0.005	0.09	7.61	8.3	2250	1.55	0.15	2.55	0.15	42.5	6.1	10	8.93	3.7
M897473		12.64	<0.005	0.10	7.67	7.0	2290	1.46	0.14	2.50	0.15	43.6	6.6	9	9.86	3.4
M897474		7.95	<0.005	0.08	6.64	7.5	2020	1.49	0.16	3.17	0.35	40.6	7.3	12	10.20	<0.2
M897475		0.21	0.754	9.63	6.53	1410	1500	1.45	6.17	1.91	42.3	41.3	17.5	22	15.70	106.0
M897476		13.18	0.006	0.16	7.29	11.8	2070	1.57	0.17	2.53	0.75	47.5	7.3	11	10.30	<0.2
M897477		6.24	0.009	0.08	7.28	11.3	2050	1.64	0.14	2.86	0.18	43.0	6.5	11	10.65	<0.2
M897478		9.80	0.077	0.15	6.83	192.5	1770	1.44	0.16	2.43	0.99	39.9	6.8	10	10.65	<0.2
M897479		5.53	0.469	30.2	6.75	1060	1160	1.43	51.7	1.52	17.65	83.9	4.6	9	16.15	807
M897480		1.62	<0.005	0.02	0.07	<5	20	0.05	0.05	21.0	0.05	0.96	1.2	3	0.12	3.4
M897481		9.84	0.011	0.37	6.55	18.9	1410	1.54	0.37	2.76	2.60	40.8	8.1	9	11.10	<0.2
M897482		6.09	0.024	0.46	6.51	35.3	1410	1.66	0.48	2.68	2.22	56.7	5.6	8	10.75	0.9
M897483		8.37	0.016	0.66	6.86	36.5	530	1.57	1.01	3.22	6.45	39.7	10.9	8	8.21	12.0
M897484		11.65	0.257	4.38	6.56	608	670	1.47	6.77	1.84	17.90	31.9	11.6	8	17.65	88.9
M897485		4.61	0.015	2.33	6.91	26.9	460	1.59	1.94	3.08	24.7	30.9	6.7	9	6.83	37.3
M897486		13.70	0.206	6.98	7.34	288	460	1.49	9.46	1.25	37.8	40.2	22.9	8	15.10	140.5
M897487		7.40	0.022	1.23	7.28	30.0	510	1.43	1.76	2.37	11.00	32.0	6.1	9	6.64	8.4
M897488		12.88	0.103	2.32	7.44	41.9	610	1.46	3.47	1.97	27.7	42.8	5.4	9	6.83	22.0
M897489		6.38	0.032	4.08	7.30	48.5	620	1.51	4.81	1.51	52.3	46.0	10.4	9	7.74	49.9
M897490		8.89	0.008	0.29	6.72	9.3	660	1.47	0.76	3.72	0.70	32.6	6.8	10	6.18	<0.2
M897491		6.23	0.058	1.83	7.68	75.8	620	1.52	3.12	2.14	8.05	41.9	21.7	9	9.99	3.9
M897492		9.22	0.203	3.23	7.20	955	670	1.28	5.66	1.18	20.7	40.3	13.0	10	13.60	80.7
M897493		7.95	0.558	4.80	6.90	400	750	1.22	8.73	0.32	5.11	42.3	12.4	10	7.59	147.5
M897494		4.76	0.973	47.3	4.80	>10000	4350	0.92	73.3	0.94	15.95	47.0	6.4	8	9.75	4530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158894

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897459		3.39	17.10	0.14	1.4	0.049	2.83	21.0	26.1	0.67	600	1.31	0.73	8.3	2.9	590
M897460		2.84	15.40	0.14	1.2	0.042	2.17	17.4	83.0	0.57	1200	2.12	0.07	7.8	2.4	590
M897461		2.83	16.75	0.12	1.3	0.049	1.92	17.3	106.5	0.47	745	1.78	0.05	8.1	2.3	600
M897462		3.60	18.95	0.13	1.5	0.044	2.96	17.7	41.8	0.68	529	1.42	0.29	9.0	2.8	600
M897463		2.89	16.00	0.12	1.3	0.076	2.75	15.1	28.4	0.41	716	1.44	0.21	7.6	2.4	570
M897464		5.04	15.65	0.13	1.1	0.166	2.81	17.5	21.6	0.49	863	21.0	0.07	6.3	2.5	530
M897465		0.48	0.21	0.08	<0.1	0.007	0.03	0.5	1.0	12.45	216	0.16	<0.01	0.1	1.8	150
M897466		3.24	16.25	0.13	1.2	0.047	2.74	21.6	15.7	0.65	687	1.00	1.60	7.7	2.7	570
M897467		6.79	14.10	0.14	1.0	1.710	2.61	21.0	22.8	0.92	1900	12.80	0.04	5.8	15.3	440
M897468		3.09	17.00	0.14	1.3	0.038	2.80	20.2	12.1	0.68	640	1.10	1.96	8.1	2.7	580
M897469		2.97	16.70	0.13	1.2	0.037	2.64	20.7	12.2	0.65	611	1.18	1.84	8.0	2.8	550
M897470		3.08	16.20	0.14	1.3	0.050	2.82	21.8	16.1	0.76	579	1.03	2.36	7.7	2.8	580
M897471		3.17	17.30	0.14	1.3	0.047	2.71	21.4	16.8	0.84	745	1.28	2.53	8.4	3.0	600
M897472		3.21	16.35	0.15	1.3	0.044	2.72	21.8	16.4	0.84	747	1.34	2.55	8.0	2.9	590
M897473		3.15	17.10	0.16	1.3	0.044	2.72	22.3	16.6	0.82	642	1.13	2.43	8.2	2.9	600
M897474		3.07	16.45	0.10	1.1	0.045	2.51	19.6	22.1	0.81	691	1.01	1.91	8.3	2.3	560
M897475		5.29	15.35	0.13	1.3	0.934	2.78	21.6	30.8	0.70	1930	11.85	0.26	7.6	17.0	490
M897476		3.03	17.05	0.13	1.2	0.048	2.71	24.7	19.8	0.73	636	0.96	2.07	8.5	2.1	580
M897477		2.98	17.20	0.14	1.2	0.039	2.67	21.9	14.4	0.68	585	1.09	1.86	8.4	2.0	560
M897478		2.94	16.25	0.12	1.2	0.034	2.60	19.5	19.2	0.60	540	1.04	1.36	8.3	2.0	550
M897479		6.20	15.45	0.16	1.0	1.315	2.73	52.5	15.3	0.57	1020	1.65	0.14	6.5	2.0	520
M897480		0.48	0.11	0.09	<0.1	0.005	0.02	<0.5	1.1	12.75	214	0.06	0.01	0.3	<0.2	150
M897481		2.94	15.75	0.12	1.3	0.135	2.15	19.6	30.3	0.56	756	1.93	0.67	8.3	1.5	530
M897482		2.71	15.85	0.13	1.5	0.130	2.37	28.9	20.9	0.61	1040	2.08	0.65	8.3	1.6	470
M897483		4.64	17.25	0.13	0.9	0.448	1.42	17.0	28.8	0.87	1190	4.10	1.69	6.8	1.7	560
M897484		5.06	16.95	0.13	0.8	1.075	2.13	14.6	36.1	0.75	1050	3.46	0.11	5.1	3.6	480
M897485		4.23	17.15	0.12	0.9	1.045	1.75	11.7	26.1	1.17	1740	0.77	0.17	5.8	1.2	590
M897486		7.35	21.6	0.18	0.9	1.840	2.59	17.7	27.3	0.73	1220	7.25	0.12	5.4	9.0	570
M897487		3.09	17.25	0.11	0.8	0.676	2.04	12.1	48.0	0.89	1220	0.87	0.21	5.9	2.7	560
M897488		3.53	17.85	0.15	0.8	1.330	2.16	18.1	28.2	0.78	1020	0.64	0.21	6.5	2.3	570
M897489		4.65	17.60	0.15	0.7	1.945	2.21	22.6	25.9	0.74	1100	0.38	0.20	6.1	3.5	570
M897490		2.63	16.45	0.12	0.8	0.277	1.79	13.7	27.0	0.76	1000	0.71	0.71	6.0	4.9	570
M897491		4.02	18.85	0.14	0.8	0.581	2.27	18.3	46.0	0.85	1220	2.53	0.11	6.2	7.7	570
M897492		5.25	18.55	0.16	0.8	1.320	2.75	18.7	37.1	0.65	844	1.62	0.08	5.5	5.2	540
M897493		7.09	18.05	0.18	0.8	1.265	3.22	20.2	21.0	0.50	855	2.54	0.06	5.6	5.0	520
M897494		9.23	12.75	0.23	0.7	5.53	2.15	21.7	25.9	0.42	1060	25.2	0.03	4.4	3.1	360

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158894

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897459		18.7	99.4	<0.002	0.29	7.59	10.2	1	3.4	181.0	0.71	0.07	12.9	0.263	1.56	5.0
M897460		29.3	69.6	0.002	0.17	26.6	9.6	1	1.8	165.5	0.66	0.07	11.2	0.252	1.35	4.4
M897461		14.4	72.2	<0.002	0.28	24.1	9.9	1	1.8	160.0	0.71	0.06	11.7	0.261	1.25	4.1
M897462		17.4	97.2	<0.002	0.07	7.28	10.9	<1	1.7	148.5	0.75	<0.05	12.2	0.277	1.35	3.7
M897463		195.5	96.3	0.002	0.76	30.0	9.3	1	2.7	143.0	0.66	<0.05	10.3	0.251	1.66	5.9
M897464		665	133.5	0.002	2.84	61.9	9.1	1	6.1	81.1	0.59	0.11	11.2	0.219	2.13	5.9
M897465		2.4	1.4	0.002	0.02	0.13	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M897466		74.5	96.0	<0.002	0.50	7.27	9.7	1	2.5	277	0.64	<0.05	12.7	0.253	1.41	4.3
M897467		2820	153.5	0.004	5.00	92.5	8.1	1	7.7	91.2	0.49	0.36	10.9	0.184	2.40	5.0
M897468		57.4	97.2	0.002	0.32	5.22	10.2	<1	2.2	332	0.68	<0.05	12.0	0.262	1.27	4.7
M897469		51.7	93.8	0.003	0.30	4.98	10.4	2	2.2	312	0.66	<0.05	11.9	0.248	1.20	4.8
M897470		45.1	96.9	<0.002	0.08	3.97	9.7	1	1.7	389	0.66	0.05	13.4	0.262	1.04	3.2
M897471		18.2	88.3	<0.002	0.03	2.59	11.0	1	1.8	425	0.68	<0.05	12.1	0.270	1.01	2.9
M897472		19.1	86.2	<0.002	0.04	2.43	10.1	1	1.7	429	0.66	0.06	12.5	0.269	1.05	3.1
M897473		17.5	93.2	<0.002	0.02	2.48	10.7	2	1.5	433	0.67	<0.05	12.1	0.265	1.02	3.0
M897474		18.9	87.8	<0.002	0.05	2.92	11.6	<1	1.6	384	0.61	<0.05	11.1	0.242	0.91	4.1
M897475		1300	162.5	0.002	3.08	34.9	9.6	1	6.0	155.0	0.60	0.33	11.7	0.204	2.33	5.3
M897476		60.3	113.5	<0.002	0.15	3.82	12.0	1	2.0	380	0.65	<0.05	13.7	0.244	1.08	3.4
M897477		27.2	113.0	<0.002	0.16	3.34	12.0	1	1.8	336	0.65	<0.05	13.1	0.242	1.20	4.7
M897478		44.1	96.3	<0.002	0.15	7.20	10.6	<1	1.9	274	0.68	<0.05	12.1	0.239	1.30	3.5
M897479		453	147.5	<0.002	5.10	109.5	9.7	1	9.5	102.0	0.57	0.24	12.1	0.196	2.50	3.8
M897480		1.4	1.1	<0.002	0.01	0.08	0.2	<1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M897481		152.0	72.6	0.002	0.32	9.39	10.8	<1	3.4	189.5	0.70	<0.05	12.6	0.222	1.39	3.7
M897482		115.5	92.0	<0.002	0.27	8.75	9.6	<1	3.6	177.5	0.81	<0.05	16.7	0.195	1.68	3.8
M897483		160.5	69.0	0.005	0.97	6.71	10.6	1	5.8	286	0.51	0.11	12.0	0.187	1.25	3.3
M897484		456	132.5	<0.002	2.55	26.5	9.5	1	8.2	99.1	0.39	0.19	12.7	0.157	2.04	6.8
M897485		703	71.1	<0.002	0.73	10.50	11.3	1	8.6	119.5	0.46	0.08	12.6	0.172	1.99	4.9
M897486		1040	147.5	0.003	4.57	43.6	10.3	1	11.8	82.2	0.44	0.29	14.0	0.172	2.43	6.5
M897487		281	108.0	<0.002	0.80	9.11	10.9	<1	6.8	102.5	0.44	0.11	13.3	0.181	2.10	3.2
M897488		551	117.0	<0.002	1.09	8.79	10.5	1	9.0	99.8	0.50	0.09	14.2	0.196	2.20	3.0
M897489		1375	117.0	<0.002	1.66	11.50	10.6	1	11.5	87.4	0.47	0.15	13.7	0.188	2.08	3.5
M897490		41.7	70.7	0.002	0.43	6.09	10.4	1	3.9	168.0	0.49	0.16	11.7	0.179	1.46	3.7
M897491		352	109.5	0.002	1.77	8.87	11.0	1	8.3	104.5	0.48	0.49	13.2	0.187	2.03	6.1
M897492		149.0	189.5	<0.002	2.84	17.95	10.4	1	11.1	63.5	0.45	0.25	13.7	0.173	2.28	2.9
M897493		87.6	219	<0.002	3.39	37.8	9.9	<1	10.4	24.7	0.45	0.23	13.0	0.167	2.84	3.2
M897494		495	112.0	0.002	6.50	804	6.8	1	13.5	64.3	0.36	0.27	7.4	0.142	2.09	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158894

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897459		68	2.4	13.8	42	37.0
M897460		67	4.0	13.8	89	34.6
M897461		68	5.9	12.7	54	35.1
M897462		73	2.6	14.1	44	40.0
M897463		68	5.8	12.2	617	33.8
M897464		63	6.4	10.6	1440	30.1
M897465		2	0.1	0.7	16	0.5
M897466		66	2.8	13.8	145	34.9
M897467		56	5.4	9.3	5260	26.0
M897468		67	1.7	14.7	114	37.2
M897469		64	1.9	14.6	107	34.6
M897470		67	2.5	14.2	91	34.4
M897471		72	1.5	16.3	46	36.8
M897472		71	1.5	15.5	48	34.5
M897473		69	1.6	15.7	44	36.9
M897474		66	1.9	17.5	50	31.0
M897475		56	5.5	11.6	2980	37.2
M897476		67	2.3	16.6	89	31.0
M897477		66	1.6	16.3	47	31.1
M897478		64	2.3	14.4	96	31.9
M897479		69	5.5	12.3	1270	25.5
M897480		2	0.1	0.8	13	<0.5
M897481		63	2.6	14.7	221	33.2
M897482		56	4.9	14.7	194	39.1
M897483		73	1.6	16.1	532	25.5
M897484		66	3.5	11.7	1340	22.5
M897485		68	2.9	16.4	1840	22.1
M897486		81	4.6	14.5	2700	23.4
M897487		71	2.0	11.7	879	19.8
M897488		60	2.4	11.5	2030	19.5
M897489		77	2.8	12.9	3910	18.0
M897490		60	1.3	14.3	96	19.7
M897491		72	2.1	14.5	679	21.6
M897492		61	4.4	10.0	1520	19.9
M897493		55	5.8	7.3	372	19.4
M897494		44	7.7	9.5	1320	15.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158894

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158895

Project: Klaza-77

P.O. No.: Batch 4

This report is for 28 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

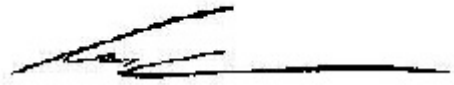
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158895

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897495		12.72	0.032	1.95	6.92	552	890	1.19	2.83	3.28	3.73	37.1	5.0	14	9.17	152.5
M897496		4.70	0.032	1.07	7.55	36.2	690	1.64	1.65	3.06	2.04	45.7	3.4	16	8.36	50.6
M897497		1.66	0.026	1.03	7.58	30.8	710	1.86	1.59	3.07	2.07	45.3	3.2	12	8.79	21.6
M897498		8.68	0.005	0.34	6.59	9.6	520	1.35	0.32	3.87	1.88	29.5	3.6	14	8.12	<0.2
M897499		12.51	0.005	0.22	6.93	10.3	760	1.37	0.49	3.57	0.23	31.3	6.0	16	12.20	9.6
M897500		4.36	0.011	0.39	6.76	10.7	640	1.49	0.67	3.66	0.34	30.1	3.8	17	10.90	40.4
M897501		14.50	0.006	0.45	6.42	8.7	400	1.45	0.77	3.72	2.06	29.3	3.3	17	6.75	2.1
M897502		6.59	0.243	7.03	6.96	459	170	1.35	13.40	0.41	0.47	54.6	3.9	16	4.78	211
M897503		0.27	4.37	>100	5.39	5550	1330	1.02	57.8	1.97	221	33.8	9.0	18	12.15	1270
M897504		5.86	7.35	65.2	5.77	>10000	380	0.84	79.9	0.24	2.40	29.3	7.5	14	4.31	3550
M897505		1.40	<0.005	0.05	0.08	8	20	0.05	0.07	20.4	0.06	0.89	1.2	2	0.12	4.4
M897506		8.31	0.245	7.74	6.87	194.0	800	1.74	14.85	0.37	0.82	65.5	3.4	17	4.12	172.0
M897507		4.02	0.284	8.66	6.61	320	290	1.41	15.60	0.64	6.55	53.1	3.0	14	4.07	145.5
M897508		2.68	<0.005	0.05	0.12	<5	20	0.06	0.11	20.9	0.04	1.55	1.3	2	0.20	3.6
M897509		4.05	0.103	2.04	6.64	97.2	820	1.57	4.34	0.38	0.51	61.0	3.6	19	3.38	44.1
M897510		4.78	0.044	1.12	7.11	72.2	730	1.37	2.41	0.50	0.34	54.7	1.5	17	4.10	11.8
M897511		5.76	0.066	2.15	7.31	89.3	700	1.64	3.73	0.34	0.15	48.1	4.8	24	3.89	38.0
M897512		4.77	0.023	1.83	7.68	58.7	870	1.78	2.42	1.22	11.60	45.0	3.7	16	5.22	54.8
M897513		4.32	0.005	0.66	7.12	9.5	490	1.34	0.81	5.91	4.38	56.7	1.5	10	8.26	10.8
M897514		8.86	<0.005	0.38	7.66	8.3	350	1.70	0.33	4.11	0.79	42.5	1.3	13	8.16	56.5
M897515		<0.02	<0.005	0.39	7.83	7.7	360	1.76	0.31	4.24	0.74	42.0	1.2	12	8.36	63.7
M897516		10.64	0.043	1.50	7.38	259	890	1.46	1.91	3.78	6.16	40.2	6.7	12	5.32	24.1
M897517		5.60	0.105	3.91	7.69	77.8	710	1.53	5.20	3.26	4.27	69.0	12.5	13	5.47	40.2
M897518		0.27	0.495	10.10	6.68	1865	310	1.56	5.81	1.90	42.3	42.7	18.7	20	16.50	115.0
M897519		9.68	0.012	0.64	7.71	21.8	800	1.68	1.22	3.36	0.95	68.0	3.2	13	7.62	18.9
M897520		3.67	0.010	1.71	7.24	67.5	500	1.52	1.60	3.43	21.0	61.6	2.1	17	6.36	79.6
M897521		10.76	0.011	0.54	7.63	13.5	520	1.60	0.78	4.21	1.16	60.6	13.4	14	8.53	5.5
M897522		3.94	0.024	1.03	6.98	11.9	820	1.11	0.89	3.73	1.40	51.1	43.6	12	6.12	10.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158895

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897495		2.93	16.05	0.12	1.0	0.407	1.86	16.5	10.2	0.74	1020	1.39	1.72	7.3	2.5	560
M897496		4.44	16.15	0.09	1.1	0.145	1.61	18.9	22.2	0.93	1100	1.22	1.58	7.5	2.3	630
M897497		4.52	16.80	0.12	1.1	0.155	1.63	19.8	24.8	0.91	1100	1.22	1.50	7.9	1.9	590
M897498		1.68	16.25	0.10	1.0	0.114	0.98	11.6	22.7	0.81	746	1.06	2.80	8.1	1.5	570
M897499		2.42	16.90	0.11	0.9	0.144	1.09	12.6	19.8	0.80	970	1.18	2.67	7.4	1.8	560
M897500		2.06	16.05	0.10	0.8	0.201	1.18	11.3	14.0	0.70	983	1.22	2.41	7.3	1.1	570
M897501		1.55	15.95	0.11	0.8	0.277	1.45	10.7	12.0	0.67	858	1.04	1.99	7.7	0.7	560
M897502		7.24	20.5	0.20	0.8	0.653	3.02	25.2	13.2	0.38	481	4.48	0.06	6.1	2.0	530
M897503		8.25	12.00	0.18	1.0	5.27	2.24	16.9	34.5	0.63	2910	14.25	0.08	5.5	14.3	450
M897504		12.65	14.95	0.24	0.7	1.770	2.53	12.6	5.6	0.22	275	1.14	0.04	4.8	2.4	380
M897505		0.47	0.09	<0.05	<0.1	0.009	0.03	<0.5	0.9	12.50	202	0.09	0.01	0.3	<0.2	160
M897506		5.79	18.15	0.20	0.7	0.675	2.84	34.9	33.2	0.73	1080	1.02	0.05	6.9	2.0	530
M897507		7.50	17.50	0.19	0.7	0.667	2.58	24.9	31.6	0.76	1260	0.72	0.06	6.0	1.3	570
M897508		0.52	0.21	0.06	<0.1	0.009	0.05	0.7	1.5	12.65	217	0.06	0.01	0.4	<0.2	190
M897509		6.42	17.20	0.17	0.7	0.601	2.39	36.0	47.1	0.87	1360	1.04	0.06	6.1	1.5	530
M897510		6.90	18.50	0.13	0.7	0.280	2.48	32.3	43.0	0.99	1640	1.38	0.06	5.6	2.2	600
M897511		6.64	18.40	0.13	0.8	0.528	2.66	27.4	30.8	0.93	1400	1.61	0.06	6.0	2.2	610
M897512		5.66	18.30	0.12	0.8	1.100	2.87	25.0	22.9	0.94	1690	1.12	0.06	6.2	3.0	560
M897513		2.05	16.95	0.16	0.9	0.570	1.89	30.4	11.5	0.84	1120	1.11	1.07	6.5	0.8	530
M897514		1.45	17.30	0.13	0.9	0.228	0.66	16.7	13.0	0.84	750	0.88	2.66	7.6	1.1	580
M897515		1.46	18.10	0.14	1.0	0.229	0.69	16.2	13.5	0.86	774	0.78	2.75	7.9	1.0	620
M897516		2.86	17.75	0.13	0.8	0.396	2.61	15.9	7.0	0.71	1300	1.05	0.62	5.5	1.4	630
M897517		4.50	19.15	0.15	0.8	0.437	2.76	37.3	9.0	0.84	1360	1.11	0.35	6.1	1.9	550
M897518		5.31	16.40	0.13	1.3	0.994	2.83	21.7	22.4	0.69	2000	12.95	0.27	7.3	16.4	510
M897519		2.62	19.35	0.14	0.9	0.289	2.09	34.6	12.9	0.95	1120	0.86	1.20	6.7	2.4	570
M897520		3.08	18.65	0.15	0.8	0.350	1.37	31.4	12.9	1.15	1160	1.27	1.75	6.7	2.4	550
M897521		2.38	18.80	0.14	0.9	0.191	1.70	29.3	14.4	0.97	1030	0.85	1.46	7.0	6.1	760
M897522		2.82	17.40	0.14	0.9	0.139	2.14	24.0	10.1	0.94	1000	6.37	0.81	5.3	10.8	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158895

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897495		99.3	78.0	<0.002	0.65	12.75	9.5	1	3.1	254	0.61	0.09	11.4	0.207	1.43	3.4
M897496		58.1	62.2	<0.002	0.71	7.83	10.8	1	4.4	270	0.68	0.15	12.6	0.260	1.15	4.1
M897497		69.3	64.4	0.002	0.66	5.35	11.1	1	5.2	268	0.70	0.16	12.0	0.254	1.22	3.9
M897498		62.0	33.3	<0.002	0.23	4.43	10.5	1	2.5	391	0.66	0.05	10.7	0.229	0.71	2.6
M897499		18.2	43.3	<0.002	0.28	8.58	10.9	1	2.5	303	0.58	0.07	11.5	0.222	0.90	2.7
M897500		20.4	50.8	<0.002	0.29	5.26	10.6	1	2.7	317	0.54	0.10	11.0	0.217	1.12	2.7
M897501		35.0	80.6	<0.002	0.24	3.72	10.1	1	3.0	303	0.57	0.11	9.8	0.221	1.49	2.4
M897502		63.6	158.5	0.002	6.22	18.70	10.7	1	11.6	31.9	0.48	1.66	11.9	0.195	2.73	2.8
M897503		9280	127.0	0.002	7.08	213	7.5	2	9.9	124.5	0.43	0.55	7.9	0.179	2.01	4.8
M897504		223	122.0	<0.002	>10.0	49.3	9.0	8	10.5	20.9	0.43	14.15	8.5	0.154	1.91	4.5
M897505		1.8	1.3	<0.002	0.02	0.08	0.2	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897506		91.6	170.5	<0.002	2.48	7.17	11.5	<1	7.2	34.9	0.51	0.41	14.1	0.205	2.79	4.8
M897507		465	141.5	<0.002	4.18	11.50	11.0	1	7.4	40.6	0.46	0.71	10.9	0.206	2.40	3.4
M897508		1.9	2.5	<0.002	0.02	0.12	0.4	<1	<0.2	40.8	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M897509		50.4	133.5	<0.002	1.72	5.60	11.2	<1	5.1	34.7	0.46	0.36	13.4	0.184	2.42	4.1
M897510		27.8	136.0	<0.002	1.44	2.97	8.5	1	5.9	41.9	0.48	0.26	13.0	0.187	2.26	3.9
M897511		42.2	143.5	<0.002	1.85	3.47	9.1	1	6.2	32.9	0.53	0.46	14.5	0.198	2.42	2.6
M897512		78.6	177.5	<0.002	0.97	4.23	9.4	1	6.5	54.3	0.58	0.22	15.1	0.207	2.58	3.3
M897513		133.5	145.0	<0.002	0.18	4.55	9.4	1	3.0	300	0.60	0.17	13.5	0.202	1.93	3.3
M897514		30.9	37.3	<0.002	0.07	4.16	10.1	1	2.8	443	0.70	0.09	15.2	0.231	0.67	3.0
M897515		28.3	36.5	<0.002	0.07	4.23	10.4	1	2.8	460	0.73	0.07	15.3	0.248	0.67	3.0
M897516		137.5	152.0	<0.002	0.74	4.74	9.1	1	4.0	161.0	0.50	0.53	14.0	0.181	2.32	3.2
M897517		219	177.0	<0.002	2.25	4.91	10.4	1	4.8	147.5	0.56	1.27	15.5	0.190	2.56	3.2
M897518		1315	154.5	<0.002	3.15	34.4	8.4	1	6.1	153.5	0.65	0.32	12.3	0.211	2.35	4.8
M897519		39.5	124.5	<0.002	0.43	4.96	10.7	1	4.4	204	0.60	0.20	16.8	0.214	2.04	4.2
M897520		165.5	84.8	<0.002	0.84	5.84	10.3	1	4.8	248	0.60	0.09	15.0	0.212	1.40	3.7
M897521		55.6	88.5	<0.002	0.65	3.21	11.3	1	3.8	297	0.64	0.29	15.9	0.215	1.58	4.2
M897522		111.0	113.0	0.006	1.07	4.23	10.0	1	3.2	152.0	0.49	0.31	13.8	0.168	1.74	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12158895

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M897495		66	1.9	14.5	347	26.2		
M897496		77	3.5	14.1	206	24.4		
M897497		75	3.8	14.4	201	25.5		
M897498		62	1.1	14.2	168	24.7		
M897499		73	0.9	14.2	79	21.7		
M897500		72	1.0	14.1	83	20.2		
M897501		53	1.0	12.6	194	19.2		
M897502		55	7.9	8.1	52	18.8		
M897503		52	4.9	8.9	>10000	28.5	119	1.625
M897504		52	14.8	10.3	170	15.0		
M897505		3	0.1	0.7	14	<0.5		
M897506		64	5.4	7.7	100	20.2		
M897507		62	6.7	6.7	480	15.8		
M897508		3	0.1	0.9	13	<0.5		
M897509		60	6.3	5.1	98	20.8		
M897510		67	5.5	4.9	89	22.0		
M897511		64	6.9	5.3	70	21.8		
M897512		62	4.5	8.4	907	22.7		
M897513		64	1.3	16.4	352	23.1		
M897514		55	0.9	16.0	105	23.5		
M897515		58	0.9	16.4	110	27.0		
M897516		55	1.6	10.8	527	21.6		
M897517		64	2.8	11.6	382	23.3		
M897518		59	5.1	11.7	3040	41.8		
M897519		69	1.1	15.3	139	23.7		
M897520		71	1.3	17.0	1560	21.7		
M897521		72	1.0	16.3	163	23.6		
M897522		70	1.1	13.0	185	24.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-77

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158895

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158896

Project: Klaza-78

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

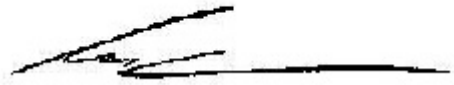
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158896

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899231		11.32	<0.005	0.06	7.59	3.8	1870	1.38	0.13	2.56	0.24	38.2	4.8	14	11.25	6.1
M899232		3.32	<0.005	0.09	8.35	33.9	2390	1.08	0.33	1.03	3.57	45.8	7.1	12	13.50	23.9
M899233		3.83	0.026	0.42	7.60	77.8	1130	1.52	0.49	0.87	8.30	54.0	10.2	11	19.00	37.4
M899234		13.11	0.005	0.50	8.11	10.3	2460	1.36	0.42	2.41	0.38	53.2	8.2	14	13.45	111.0
M899235		6.64	<0.005	0.15	8.04	13.0	2390	1.64	0.38	2.39	0.18	53.3	10.6	13	15.25	28.3
M899236		3.94	0.058	1.58	7.82	308	2130	1.50	1.30	1.08	36.1	52.2	10.0	13	20.9	23.7
M899237		12.48	<0.005	0.24	7.90	21.2	2290	1.53	0.42	2.33	1.29	47.6	11.3	14	14.90	36.3
M899238		10.88	0.005	0.21	8.02	14.1	2490	1.55	0.46	2.43	0.53	49.6	9.3	17	12.70	69.3
M899239		4.16	0.012	0.30	7.72	33.4	2390	1.57	0.46	2.83	0.29	49.0	9.0	14	21.8	38.2
M899240		5.18	<0.005	0.23	8.10	14.8	2570	1.62	0.50	2.64	0.44	51.0	9.0	16	18.25	24.5
M899241		2.54	<0.005	0.19	8.09	13.1	2540	1.47	0.39	2.61	0.19	57.1	8.2	14	18.30	17.0
M899242		4.15	0.034	0.41	7.84	73.3	2340	1.47	0.49	2.44	1.01	52.4	9.5	17	20.5	55.7
M899243		4.34	0.042	2.66	7.53	72.0	2010	1.47	3.92	2.30	3.67	48.3	10.4	13	17.20	77.4
M899244		6.19	0.032	1.25	8.17	131.0	1880	1.48	1.27	0.93	22.9	57.4	12.0	13	21.5	63.6
M899245		0.27	4.61	>100	5.65	8500	970	1.01	46.0	1.96	233	32.7	9.6	16	11.70	1300
M899246		5.37	1.865	93.0	5.69	1075	580	1.15	69.7	0.06	217	40.9	7.3	14	7.73	2090
M899247		5.15	0.153	5.73	7.87	261	590	1.79	3.91	0.26	34.0	60.3	5.7	12	15.65	187.0
M899248		12.14	0.232	4.06	6.89	244	700	0.96	4.19	0.53	13.35	41.5	6.7	15	9.10	198.0
M899249		9.19	2.58	60.4	3.33	719	460	0.94	30.9	0.38	346	23.1	12.0	15	8.22	1070
M899250		2.01	<0.005	0.09	0.08	<5	20	0.07	0.20	21.9	0.30	1.19	1.1	1	0.14	11.0
M899251		6.67	1.210	55.6	3.94	996	920	0.81	54.3	0.94	36.4	22.4	16.6	26	4.87	3220
M899252		6.27	0.221	11.25	7.21	339	600	1.42	11.15	0.25	30.0	45.1	9.2	14	9.20	552
M899253		9.06	0.043	4.09	7.77	143.5	1220	1.46	3.36	1.00	25.8	51.9	13.2	16	16.20	273
M899254		7.59	0.049	2.25	7.43	91.6	900	1.36	1.98	1.38	24.1	40.1	29.1	13	13.20	171.5
M899255		0.28	2.35	24.0	6.06	3540	1750	1.20	17.80	2.20	77.8	45.4	9.9	19	15.30	446
M899256		3.91	0.085	2.51	6.90	101.0	900	1.33	2.15	1.29	44.8	43.7	22.7	10	14.60	77.2
M899257		4.49	0.342	17.00	6.70	102.0	1170	1.30	13.35	1.28	32.3	28.6	64.2	18	12.35	153.5
M899258		2.66	<0.005	0.05	0.11	<5	20	0.07	0.04	21.2	0.20	1.32	1.1	1	0.30	1.7
M899259		4.83	0.024	0.82	7.36	68.5	1730	1.36	8.29	2.01	6.03	43.0	9.2	16	17.00	35.3
M899260		10.96	0.006	0.31	7.83	18.8	2130	1.29	0.64	1.27	3.07	42.3	11.0	14	19.30	11.2
M899261		11.39	<0.005	0.14	7.50	11.4	2410	1.50	0.48	2.44	0.23	46.4	7.0	19	11.15	14.4
M899262		<0.02	<0.005	0.15	7.86	11.2	2510	1.53	0.46	2.57	0.21	50.2	7.4	18	11.70	14.6
M899263		8.07	0.011	0.18	7.56	13.6	2500	1.46	0.67	2.59	0.21	46.6	11.1	16	9.31	17.7
M899264		8.85	0.008	0.33	7.88	33.8	2380	1.58	0.56	2.52	2.24	52.0	8.2	18	12.15	9.4
M899265		3.57	0.343	17.50	6.90	357	480	1.35	55.3	0.94	7.01	39.5	15.4	15	13.70	59.3
M899266		6.59	0.031	0.52	8.16	51.9	2210	1.36	1.52	1.16	4.28	53.9	10.7	14	15.75	22.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158896

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899231		2.90	14.25	0.10	1.0	0.043	2.49	19.0	13.6	0.78	545	2.30	1.69	6.4	2.2	610
M899232		3.52	15.65	0.11	1.1	0.050	3.09	26.3	16.1	0.45	923	1.91	0.79	7.0	2.6	640
M899233		4.39	18.10	0.14	1.2	0.244	3.24	30.5	18.3	0.56	1510	3.83	0.06	7.4	3.2	590
M899234		3.23	17.40	0.14	1.3	0.075	2.93	30.3	8.4	0.76	608	2.78	2.15	7.8	2.6	640
M899235		3.17	19.60	0.17	1.3	0.062	2.99	31.0	10.8	0.84	536	2.06	2.48	8.3	2.7	620
M899236		4.19	18.90	0.15	1.3	2.10	3.05	30.6	14.4	0.48	1660	2.85	1.02	7.8	3.1	580
M899237		3.19	19.10	0.15	1.3	0.083	2.95	25.8	10.8	0.74	684	2.68	2.17	8.4	2.9	620
M899238		3.14	17.75	0.14	1.2	0.069	2.95	28.3	10.1	0.82	529	1.97	2.39	7.9	2.6	620
M899239		3.03	19.00	0.15	1.4	0.065	3.00	26.9	13.9	0.76	689	2.73	1.73	8.4	2.5	610
M899240		3.37	19.50	0.16	1.4	0.065	2.93	28.6	10.4	0.82	666	2.16	2.20	8.7	2.9	610
M899241		3.28	19.40	0.17	1.4	0.058	2.95	32.0	9.8	0.81	640	2.11	2.17	8.2	2.7	600
M899242		3.23	18.80	0.16	1.4	0.074	3.15	29.5	15.1	0.84	860	2.66	1.68	8.0	3.1	600
M899243		3.76	18.00	0.15	1.4	0.137	2.96	27.0	9.1	0.79	1040	2.64	1.25	7.5	2.7	580
M899244		4.16	19.95	0.16	1.6	0.183	3.20	32.3	19.2	0.51	1470	2.89	0.07	8.7	3.4	600
M899245		8.25	13.95	0.15	1.1	4.74	2.31	15.8	22.1	0.63	3050	14.70	0.08	5.2	14.0	470
M899246		8.41	19.10	0.16	1.0	2.39	2.61	21.2	9.2	0.22	1540	7.10	0.03	5.6	2.3	160
M899247		4.95	20.4	0.13	1.4	1.640	3.48	34.5	6.8	0.35	1120	4.35	0.03	8.0	2.2	640
M899248		5.18	13.85	0.11	0.9	0.394	3.10	24.1	9.2	0.37	1340	5.74	0.03	5.0	1.8	330
M899249		9.01	19.20	0.16	0.6	3.81	1.45	12.2	31.1	0.25	10550	46.1	0.02	3.1	2.9	240
M899250		0.51	0.23	0.06	<0.1	0.007	0.03	0.6	0.7	13.40	239	0.17	0.01	0.2	<0.2	230
M899251		14.00	10.50	0.17	0.6	1.665	1.80	13.1	11.6	0.26	787	28.5	0.03	2.6	2.4	230
M899252		7.33	17.90	0.15	1.2	1.950	3.29	23.4	7.0	0.33	694	4.61	0.03	6.9	2.9	540
M899253		4.68	18.65	0.14	1.2	0.530	3.06	28.8	34.0	0.54	1560	3.36	0.06	7.8	3.5	670
M899254		4.97	14.70	0.12	1.0	0.488	2.96	21.8	21.8	0.76	1480	20.3	0.04	6.6	3.3	620
M899255		6.72	13.30	0.14	0.9	1.730	2.58	26.2	22.7	0.91	1880	13.00	0.03	6.2	14.8	440
M899256		4.79	14.70	0.13	0.9	0.996	3.07	25.4	17.1	0.79	1640	9.05	0.03	6.1	2.8	520
M899257		5.57	13.50	0.12	0.9	0.917	2.91	14.2	18.5	0.67	1310	40.8	0.04	5.4	3.5	510
M899258		0.49	0.29	0.05	<0.1	0.008	0.04	0.6	1.1	12.65	222	0.22	0.01	0.3	1.1	180
M899259		3.33	15.45	0.09	1.2	0.211	2.86	22.3	44.2	0.74	978	9.90	0.04	7.4	2.7	600
M899260		3.10	17.05	0.14	1.3	0.060	2.76	21.7	35.7	0.45	830	1.96	0.08	8.9	2.7	630
M899261		3.02	15.70	0.14	1.2	0.048	2.72	23.7	16.1	0.76	514	2.60	2.26	8.4	2.7	590
M899262		3.17	16.25	0.13	1.2	0.049	2.81	25.6	16.4	0.79	539	2.78	2.38	8.7	2.8	620
M899263		3.09	15.75	0.12	1.1	0.077	2.91	23.8	15.2	0.83	539	1.86	2.25	8.4	2.8	590
M899264		3.17	16.45	0.14	1.2	0.116	3.02	27.3	16.7	0.71	659	2.63	1.48	8.9	3.5	630
M899265		9.83	14.20	0.18	1.0	0.575	3.05	21.1	7.5	0.54	962	2.20	0.05	6.9	2.9	480
M899266		3.86	17.10	0.15	1.3	0.177	3.21	29.1	31.0	0.51	1080	2.76	0.09	9.2	3.4	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158896

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899231		16.8	77.2	<0.002	0.04	2.23	8.3	1	1.5	445	0.58	<0.05	11.4	0.253	0.79	3.6
M899232		22.0	111.0	<0.002	0.11	12.00	9.3	1	2.4	171.5	0.64	<0.05	13.2	0.272	1.29	3.4
M899233		118.0	178.0	<0.002	1.42	20.7	10.5	1	4.5	72.2	0.66	0.13	14.8	0.239	2.44	5.7
M899234		21.5	115.0	<0.002	0.21	3.36	10.3	1	1.9	359	0.69	0.08	14.3	0.270	1.28	3.9
M899235		22.4	129.5	<0.002	0.19	2.11	11.5	1	2.0	415	0.73	<0.05	16.1	0.264	1.31	4.7
M899236		366	146.0	<0.002	1.04	17.25	10.2	1	4.6	177.0	0.71	0.08	15.6	0.247	1.95	4.4
M899237		38.4	125.0	<0.002	0.32	4.85	11.1	1	2.2	347	0.76	0.08	15.3	0.262	1.44	4.7
M899238		21.9	116.5	<0.002	0.29	2.37	10.3	1	2.1	387	0.70	0.16	15.0	0.263	1.22	4.1
M899239		29.5	133.0	<0.002	0.45	3.32	11.1	1	2.2	313	0.75	0.11	14.6	0.264	1.69	4.6
M899240		32.3	124.5	<0.002	0.21	2.62	11.7	1	2.3	389	0.76	0.05	15.3	0.271	1.42	4.4
M899241		26.6	125.5	<0.002	0.20	2.39	11.1	1	2.2	387	0.75	<0.05	15.9	0.264	1.44	4.4
M899242		35.8	142.5	<0.002	0.46	4.78	10.9	1	2.4	301	0.73	0.07	15.4	0.255	1.91	4.1
M899243		87.4	131.5	<0.002	0.83	11.30	9.9	1	2.9	238	0.70	0.18	14.0	0.243	1.84	3.5
M899244		117.5	157.0	<0.002	1.15	20.8	11.4	1	4.2	89.7	0.79	0.13	16.3	0.271	2.37	4.1
M899245		9470	131.5	<0.002	7.29	219	7.0	2	8.3	125.5	0.45	0.49	8.5	0.185	2.00	4.9
M899246		>10000	167.0	<0.002	9.11	446	7.9	2	26.2	22.5	0.53	2.33	9.2	0.175	2.49	2.6
M899247		854	207	<0.002	2.63	76.1	10.4	1	14.2	29.4	0.73	0.10	15.6	0.257	3.56	5.9
M899248		625	165.5	<0.002	4.37	64.4	6.3	1	8.3	30.4	0.47	0.37	9.6	0.218	2.31	3.9
M899249		>10000	103.5	<0.002	8.72	554	5.5	3	45.5	51.3	0.27	0.74	5.4	0.095	1.69	6.3
M899250		14.0	1.3	<0.002	0.03	0.81	<0.1	1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899251		1895	99.9	<0.002	>10.0	298	4.3	2	15.6	36.6	0.25	1.29	5.3	0.090	1.28	3.5
M899252		358	200	<0.002	6.79	57.6	9.3	1	13.6	20.8	0.65	0.54	12.1	0.236	2.80	3.5
M899253		434	158.5	<0.002	1.60	52.7	10.2	1	6.1	111.0	0.69	0.19	14.3	0.253	2.31	5.0
M899254		473	171.0	0.002	2.49	22.2	9.9	1	7.7	71.6	0.52	0.54	12.8	0.211	2.45	5.1
M899255		2820	156.5	<0.002	4.98	90.6	7.6	2	8.1	93.7	0.47	0.38	11.3	0.183	2.35	5.6
M899256		933	170.5	<0.002	2.31	27.7	8.9	1	9.3	47.4	0.48	0.30	11.6	0.202	2.73	4.3
M899257		610	162.5	0.002	3.60	28.2	8.6	2	4.4	33.3	0.43	6.83	10.8	0.171	2.40	4.2
M899258		4.3	2.1	<0.002	0.03	0.17	0.3	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M899259		50.2	126.5	<0.002	1.37	23.1	9.5	1	2.8	84.8	0.58	4.05	12.5	0.233	2.09	6.6
M899260		42.0	111.5	<0.002	0.42	14.55	10.5	1	2.5	75.0	0.71	0.14	12.3	0.273	1.45	3.5
M899261		17.2	103.5	<0.002	0.27	2.36	10.1	1	2.1	393	0.66	0.08	12.3	0.263	1.13	3.6
M899262		17.1	104.5	<0.002	0.28	2.44	10.3	1	2.2	413	0.67	0.08	12.7	0.273	1.17	3.9
M899263		18.3	108.0	<0.002	0.64	2.30	9.8	1	2.4	367	0.65	0.15	12.3	0.260	1.26	4.0
M899264		51.5	117.0	<0.002	0.48	4.75	10.1	1	2.9	278	0.69	0.05	13.2	0.270	1.61	3.4
M899265		270	163.0	<0.002	9.23	8.28	8.6	2	6.7	40.2	0.54	3.19	10.9	0.215	2.75	4.6
M899266		36.0	152.0	<0.002	0.67	13.10	11.6	1	3.1	89.3	0.70	0.11	15.0	0.273	1.91	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158896

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M899231		71	2.1	13.1	49	27.3			
M899232		72	7.7	16.9	317	32.1			
M899233		70	4.4	15.2	528	36.7			
M899234		73	2.7	17.6	69	36.0			
M899235		71	3.4	19.5	46	40.0			
M899236		66	6.0	16.2	2190	37.7			
M899237		71	2.2	17.8	120	38.1			
M899238		71	1.7	17.9	73	37.3			
M899239		71	2.5	17.2	63	40.0			
M899240		75	2.6	19.2	68	41.8			
M899241		72	2.4	19.0	52	40.1			
M899242		69	2.9	18.2	112	40.0			
M899243		67	2.3	16.5	244	40.1			
M899244		75	5.2	18.4	1500	44.5			
M899245		54	4.3	9.7	>10000	34.4	124		1.695
M899246		51	8.0	12.0	>10000	29.6		1.430	1.325
M899247		74	8.3	14.7	1080	40.8			
M899248		62	4.8	9.0	719	25.0			
M899249		35	5.5	9.3	>10000	17.2		1.640	2.07
M899250		3	0.1	0.8	31	<0.5			
M899251		37	3.9	7.4	1460	16.6			
M899252		67	7.5	12.3	1720	34.9			
M899253		70	3.7	16.1	1680	35.9			
M899254		66	3.5	13.4	1540	25.8			
M899255		57	5.0	9.7	5340	25.0			
M899256		65	3.3	10.6	2950	25.2			
M899257		64	2.3	11.5	2050	24.1			
M899258		2	0.3	0.8	26	<0.5			
M899259		62	2.5	13.6	297	31.7			
M899260		71	5.9	14.2	311	35.7			
M899261		71	1.4	16.0	57	32.3			
M899262		72	1.6	16.5	58	33.0			
M899263		70	1.1	15.6	55	31.2			
M899264		72	2.3	16.5	254	33.8			
M899265		62	8.5	11.5	662	27.4			
M899266		73	4.0	17.3	566	35.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-78

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158896

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12158897

Project: Klaza-78

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158897

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899267		5.84	0.062	1.54	7.52	67.6	1780	1.37	3.01	2.36	1.90	50.8	8.3	13	11.50	38.3
M899268		12.99	<0.005	0.18	7.85	12.8	2310	1.45	0.45	2.42	0.21	50.1	6.5	20	10.70	10.8
M899269		12.39	<0.005	0.15	7.91	11.7	2350	1.39	0.55	2.71	0.15	52.8	7.6	16	9.55	8.8
M899270		<0.02	<0.005	0.16	7.42	12.2	2320	1.79	0.51	2.60	0.22	47.3	8.4	17	10.20	2.5
M899271		11.53	<0.005	0.17	7.38	21.0	2310	1.77	0.65	2.52	0.39	46.8	8.4	17	12.45	6.3
M899272		6.06	<0.005	0.18	7.18	28.0	2450	1.56	0.49	2.45	0.44	43.5	7.1	15	12.70	22.2
M899273		3.28	<0.005	0.40	7.37	17.9	2440	1.61	1.24	2.55	0.69	57.7	8.9	18	12.55	5.4
M899274		9.88	0.022	0.85	7.37	27.9	2420	1.62	0.80	2.48	1.68	46.6	7.8	14	12.65	4.7
M899275		5.56	0.006	0.41	7.36	15.9	2460	1.46	1.06	2.16	0.58	48.7	10.8	15	15.70	12.1
M899276		2.48	0.007	0.56	7.39	16.7	2330	1.60	1.15	2.23	0.58	48.7	11.0	13	16.35	45.0
M899277		5.65	0.041	2.35	7.19	88.7	2090	1.94	5.78	2.68	11.15	77.5	9.7	17	19.75	83.8
M899278		6.35	0.010	0.54	7.06	35.7	560	1.82	2.03	2.89	0.63	86.2	46.6	13	14.90	2.7
M899279		6.31	0.039	1.18	7.09	42.1	260	1.77	3.42	3.39	1.91	131.5	98.1	9	15.65	1.3
M899280		4.34	2.43	22.6	7.51	615	600	3.04	49.6	1.68	34.0	60.3	21.6	16	20.7	861
M899281		8.18	<0.005	0.35	6.50	11.9	940	3.89	0.70	0.59	0.17	19.70	0.9	6	29.6	4.1
M899282		5.84	0.559	31.3	6.04	742	460	2.56	46.8	0.64	16.60	48.8	7.9	19	20.7	2220
M899283		13.90	<0.005	0.25	7.16	32.1	1180	2.50	1.15	2.93	0.60	50.4	6.5	22	31.5	8.5
M899284		12.83	<0.005	0.14	7.40	12.9	1290	2.03	0.09	2.58	0.26	51.5	6.0	15	35.7	1.0
M899285		11.13	<0.005	0.03	7.12	14.9	1130	1.81	0.04	2.76	0.13	51.1	5.0	18	32.7	1.8
M899286		10.58	<0.005	0.15	6.74	28.4	1370	1.67	0.09	3.16	0.38	47.5	5.8	18	29.4	7.4
M899287		9.10	0.011	0.34	7.20	64.7	4590	1.70	0.52	1.85	0.56	54.3	6.2	30	21.9	19.1
M899288		0.29	2.36	22.7	5.76	3380	680	1.34	17.45	2.12	78.7	39.7	10.8	16	14.55	425
M899289		4.88	0.104	2.76	7.09	301	360	1.59	3.74	0.64	9.37	49.9	8.3	14	18.80	134.0
M899290		4.17	0.017	0.60	7.88	59.2	1830	1.48	0.99	1.76	3.22	51.0	8.6	12	19.45	44.5
M899291		10.88	0.130	2.43	7.48	244	1600	1.66	3.50	2.21	9.63	49.2	6.5	15	22.6	64.1
M899292		7.38	0.059	0.96	7.43	186.5	1720	1.53	1.20	3.43	1.58	53.9	7.8	11	24.7	16.0
M899293		2.61	<0.005	0.02	0.09	<5	20	0.05	0.03	21.1	0.08	1.24	1.2	<1	0.29	1.7
M899294		5.11	0.045	1.25	7.31	314	2020	1.19	1.38	4.05	2.81	51.1	7.4	21	18.50	42.3
M899295		14.73	0.295	2.21	7.18	929	740	1.23	3.73	3.75	2.29	48.1	6.7	13	14.60	87.1
M899296		11.52	0.149	20.9	6.13	1940	390	1.31	38.0	4.79	36.6	40.1	8.2	9	11.75	186.0
M899297		2.47	<0.005	0.03	0.11	<5	30	0.06	0.06	20.7	0.09	1.49	1.4	<1	0.46	3.0
M899298		10.47	0.069	3.33	7.14	121.5	1010	1.38	7.39	1.89	18.35	40.6	21.7	12	14.25	61.0
M899299		0.25	4.58	>100	5.71	8870	1130	1.29	58.3	2.03	238	33.7	9.8	17	12.35	1355
M899300		6.58	0.687	8.83	6.08	807	650	1.23	21.4	0.71	3.98	57.2	32.5	13	8.23	155.5
M899301		6.21	0.022	1.00	7.87	57.0	1330	1.69	1.50	1.35	14.45	64.7	22.6	14	21.5	10.1
M899302		9.98	0.131	1.33	7.06	581	1070	1.45	1.64	2.49	4.58	47.6	6.2	13	18.75	21.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158897

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899267		4.18	15.95	0.18	1.0	0.134	2.91	30.0	13.1	0.74	836	3.35	1.38	7.5	2.4	550
M899268		3.26	17.40	0.18	1.2	0.056	2.81	27.3	15.2	0.73	561	2.93	2.21	8.8	2.9	600
M899269		3.28	17.55	0.18	1.1	0.041	2.80	28.6	17.4	0.81	634	2.07	2.33	8.8	2.4	620
M899270		3.22	17.70	0.14	1.2	0.044	2.74	23.7	16.8	0.80	614	2.09	2.40	8.6	4.6	610
M899271		3.14	16.90	0.13	1.3	0.062	2.73	23.9	18.0	0.72	597	1.88	1.99	8.4	3.6	600
M899272		3.14	16.75	0.13	1.4	0.056	2.75	22.9	26.5	0.69	561	2.21	1.69	8.6	3.6	600
M899273		3.21	16.45	0.15	1.1	0.082	2.70	32.5	17.2	0.67	637	2.24	2.21	8.0	3.2	580
M899274		3.29	16.70	0.14	1.2	0.063	2.85	24.1	15.7	0.71	685	1.85	2.03	8.4	3.6	600
M899275		2.97	16.60	0.13	1.3	0.088	2.74	25.9	22.8	0.60	609	5.21	1.47	7.9	2.9	590
M899276		3.11	16.75	0.13	1.3	0.094	2.70	25.2	18.2	0.59	611	3.71	1.58	8.1	3.4	600
M899277		3.76	16.40	0.17	1.1	0.458	2.83	48.0	18.5	0.96	1520	3.92	0.07	7.4	3.6	570
M899278		4.53	17.20	0.17	1.1	0.359	2.66	49.6	10.8	0.90	902	9.67	1.11	6.8	4.1	570
M899279		6.04	18.10	0.23	1.1	0.526	2.78	79.3	9.5	1.00	1040	29.9	1.35	7.1	4.1	650
M899280		6.28	19.50	0.20	1.9	2.16	2.95	34.7	24.8	0.85	1590	4.55	0.04	10.2	6.2	530
M899281		0.79	19.75	0.13	3.0	0.029	2.42	10.0	47.9	0.24	406	2.85	0.05	24.2	0.9	30
M899282		6.27	18.05	0.18	1.9	2.13	2.39	30.4	45.1	0.37	737	42.7	0.04	8.3	9.4	460
M899283		2.47	20.3	0.13	3.1	0.043	2.61	24.8	29.0	0.96	747	3.59	0.06	9.4	14.7	760
M899284		2.33	19.40	0.14	1.9	0.032	2.82	25.4	16.8	0.84	637	0.78	0.06	9.1	7.2	850
M899285		2.39	18.45	0.16	1.8	0.033	2.71	24.7	22.1	0.86	788	1.04	0.06	8.7	6.2	800
M899286		2.32	18.35	0.13	2.5	0.028	2.35	23.6	93.5	1.05	652	1.09	0.10	8.8	11.9	730
M899287		2.34	19.15	0.12	3.9	0.033	1.99	29.0	192.5	0.89	640	1.96	0.22	8.9	21.8	610
M899288		6.32	13.80	0.17	0.9	1.550	2.51	21.6	22.8	0.87	1870	12.40	0.04	5.9	15.7	440
M899289		4.78	16.20	0.15	1.1	0.404	2.60	26.5	66.6	0.53	989	6.87	0.06	6.9	5.1	560
M899290		3.43	17.30	0.13	1.2	0.164	2.33	27.0	48.2	0.73	792	3.27	0.05	8.2	3.4	680
M899291		3.94	16.65	0.14	1.2	0.148	2.76	26.6	18.2	0.91	1410	2.61	0.06	7.7	3.3	580
M899292		3.72	16.50	0.15	1.3	0.089	2.61	29.7	43.5	1.25	1600	2.58	0.05	8.1	3.6	580
M899293		0.47	0.28	<0.05	<0.1	<0.005	0.03	0.6	1.0	13.05	231	0.16	<0.01	0.2	3.1	180
M899294		3.87	16.65	0.14	1.1	0.118	2.71	28.2	46.0	1.47	1700	2.92	0.06	7.5	3.1	550
M899295		4.34	15.65	0.15	1.1	0.133	2.54	27.0	73.2	1.41	1590	12.00	0.09	7.1	3.1	540
M899296		5.19	15.15	0.14	1.1	0.892	2.34	22.6	35.3	1.90	2340	8.33	0.06	6.0	4.0	440
M899297		0.50	0.34	<0.05	<0.1	0.005	0.05	0.7	1.7	12.65	236	0.22	<0.01	0.3	3.6	170
M899298		6.01	18.15	0.16	0.9	0.798	3.04	22.4	13.6	0.81	1200	3.97	0.05	7.6	3.2	580
M899299		8.37	13.95	0.19	1.1	4.58	2.42	17.8	32.1	0.65	3220	15.05	0.09	5.7	14.6	480
M899300		11.35	21.7	0.26	0.8	0.337	2.85	35.2	8.0	0.39	671	16.05	0.03	6.0	3.9	450
M899301		5.26	17.90	0.16	1.1	0.503	3.29	39.5	15.1	0.74	1530	3.13	0.04	7.4	3.3	580
M899302		4.32	15.85	0.14	1.0	0.127	2.85	26.3	24.8	0.78	2010	5.21	0.05	6.9	3.3	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158897

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899267		101.0	143.5	<0.002	1.19	10.40	10.3	1	2.8	249	0.57	0.24	13.4	0.208	1.60	5.6
M899268		23.0	118.5	<0.002	0.10	2.58	11.3	1	1.9	383	0.65	<0.05	14.2	0.239	1.15	3.8
M899269		22.1	109.0	<0.002	0.13	2.14	11.4	1	2.0	415	0.62	0.08	14.7	0.243	1.06	4.1
M899270		24.8	97.7	<0.002	0.14	2.19	10.8	1	2.2	407	0.69	<0.05	12.5	0.267	1.10	3.5
M899271		24.6	97.2	<0.002	0.36	3.14	10.5	1	2.7	323	0.70	0.11	12.3	0.261	1.15	3.6
M899272		28.7	92.2	<0.002	0.18	8.96	10.1	1	2.7	292	0.74	0.05	11.7	0.266	1.13	3.0
M899273		45.0	94.9	<0.002	0.48	3.05	11.3	2	2.8	338	0.68	0.25	12.2	0.241	1.15	3.8
M899274		76.2	104.5	<0.002	0.36	4.30	10.6	1	2.8	336	0.70	0.08	12.9	0.262	1.28	3.5
M899275		31.5	106.0	<0.002	0.56	8.76	10.1	1	3.0	266	0.66	0.17	12.7	0.251	1.42	3.6
M899276		35.5	103.0	<0.002	0.59	7.90	10.6	1	3.2	271	0.68	0.22	12.7	0.257	1.40	3.4
M899277		184.5	142.0	<0.002	0.93	34.3	10.8	1	5.0	101.0	0.63	0.23	13.7	0.220	2.26	5.2
M899278		26.0	120.0	0.003	2.53	7.30	10.7	1	4.7	175.5	0.60	0.40	12.6	0.196	2.22	4.1
M899279		51.3	119.5	0.012	4.15	12.70	12.0	2	7.6	271	0.60	1.06	12.5	0.224	2.25	5.4
M899280		712	183.0	0.003	4.77	52.1	10.7	2	14.2	170.5	0.79	0.89	14.7	0.197	2.43	14.6
M899281		47.3	155.0	<0.002	0.06	6.73	3.2	1	3.6	57.2	2.74	<0.05	26.1	0.033	1.50	8.1
M899282		509	146.0	0.002	4.73	582	8.3	2	13.1	80.3	0.65	0.79	12.0	0.191	2.18	9.6
M899283		34.7	95.4	<0.002	0.05	13.65	6.1	1	1.7	266	0.76	<0.05	9.3	0.279	1.46	6.4
M899284		23.1	107.0	<0.002	0.09	5.39	5.9	1	1.4	194.0	0.70	<0.05	9.0	0.287	1.54	6.5
M899285		15.2	101.5	<0.002	0.06	7.09	6.5	1	1.5	159.0	0.70	<0.05	8.7	0.264	1.56	4.6
M899286		24.3	78.6	<0.002	0.09	7.93	5.5	1	1.3	241	0.69	<0.05	8.5	0.263	1.45	4.1
M899287		28.8	87.1	<0.002	0.37	12.20	5.8	1	1.9	605	0.71	<0.05	11.0	0.259	1.52	6.8
M899288		2640	157.0	<0.002	4.66	88.5	7.8	1	8.0	89.2	0.48	0.47	10.1	0.176	2.23	5.1
M899289		253	145.5	<0.002	2.71	51.2	9.4	1	7.2	110.0	0.57	0.16	13.1	0.225	2.73	5.2
M899290		92.5	109.5	<0.002	0.86	24.0	10.6	1	4.7	217	0.70	0.15	14.1	0.270	1.99	5.1
M899291		190.0	123.5	<0.002	1.12	17.80	9.8	1	3.4	100.5	0.65	0.06	13.9	0.248	2.43	6.1
M899292		67.2	130.5	<0.002	1.37	12.15	10.7	1	3.9	166.0	0.67	0.08	13.9	0.250	2.51	7.6
M899293		1.6	1.8	<0.002	0.02	0.10	0.2	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M899294		52.2	129.5	<0.002	1.25	16.65	9.9	1	4.1	230	0.62	0.06	12.8	0.234	2.70	4.6
M899295		74.9	117.5	<0.002	1.90	22.6	9.2	1	4.5	118.5	0.59	0.07	12.3	0.230	2.24	4.5
M899296		765	112.5	<0.002	2.77	47.9	7.8	1	6.4	113.5	0.49	0.09	10.6	0.192	2.14	4.7
M899297		2.2	2.9	<0.002	0.03	0.14	0.5	1	<0.2	42.9	<0.05	<0.05	0.2	<0.005	0.02	1.6
M899298		301	153.5	<0.002	4.33	11.05	9.4	1	11.2	50.1	0.58	0.30	12.8	0.239	2.76	3.2
M899299		9800	139.5	0.002	7.41	226	7.3	2	9.3	129.0	0.45	0.54	8.7	0.197	2.15	5.1
M899300		244	150.0	<0.002	>10.0	58.7	7.7	2	19.3	22.1	0.51	0.62	10.3	0.200	2.60	3.0
M899301		271	167.5	<0.002	1.92	17.25	10.5	1	6.8	50.7	0.62	0.19	14.0	0.259	2.99	5.8
M899302		161.5	137.0	<0.002	1.90	34.9	9.6	1	5.0	72.2	0.56	<0.05	12.4	0.240	2.61	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158897

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899267		63	2.0	16.5	184	31.0		
M899268		71	1.9	18.2	52	36.6		
M899269		72	1.1	19.4	44	36.5		
M899270		70	1.2	16.6	41	32.3		
M899271		69	1.2	15.6	57	33.0		
M899272		70	1.7	15.1	80	33.7		
M899273		67	1.3	17.1	87	32.3		
M899274		69	2.4	16.1	147	31.5		
M899275		67	1.4	15.1	105	31.9		
M899276		70	1.4	15.6	103	32.4		
M899277		67	3.0	18.6	742	29.0		
M899278		58	1.8	14.7	98	27.6		
M899279		67	1.8	18.0	242	27.6		
M899280		48	11.4	17.9	2380	58.7		
M899281		1	2.0	12.5	59	50.1		
M899282		55	12.7	14.5	1220	67.3		
M899283		55	3.2	12.4	146	93.3		
M899284		52	1.6	11.4	84	47.8		
M899285		50	2.3	11.8	76	49.6		
M899286		49	2.5	11.3	81	73.0		
M899287		49	3.7	11.5	96	135.5		
M899288		54	5.2	9.9	5250	23.8		
M899289		63	8.4	12.6	719	30.2		
M899290		73	5.3	14.0	243	30.1		
M899291		67	5.8	14.0	680	30.6		
M899292		68	7.6	16.2	155	31.2		
M899293		2	0.1	0.8	12	<0.5		
M899294		63	7.5	15.6	248	28.6		
M899295		61	8.7	14.1	199	27.8		
M899296		57	8.2	11.6	2300	30.3		
M899297		3	0.1	1.0	12	<0.5		
M899298		81	3.7	13.9	1280	22.3		
M899299		55	4.8	9.8	>10000	31.8	117	1.565
M899300		94	6.1	11.3	300	19.3		
M899301		81	4.9	14.2	1050	26.5		
M899302		66	6.1	13.3	406	25.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158897

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158898

Project: Klaza-78

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

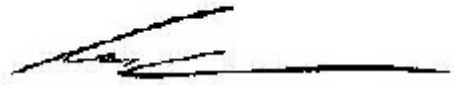
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158898

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899303		6.71	0.014	0.33	7.57	45.5	2210	1.63	0.21	2.22	3.17	44.6	6.9	10	20.7	12.4
M899304		11.21	0.013	0.65	7.92	29.1	2030	1.30	0.46	1.55	7.33	44.3	6.7	11	21.1	10.6
M899305		8.49	0.161	1.50	7.35	626	1640	1.44	1.32	2.33	9.91	53.1	6.0	9	16.90	29.5
M899306		5.17	0.335	1.53	7.25	384	1070	1.45	2.04	2.07	11.15	55.8	5.4	8	15.35	26.0
M899307		9.88	0.136	1.10	7.32	559	1460	1.62	1.27	2.62	11.30	49.3	6.6	11	20.7	19.0
M899308		6.65	0.071	0.41	6.99	465	1600	1.55	0.30	3.77	4.29	42.5	6.9	10	19.70	7.1
M899309		4.26	0.256	5.14	7.47	439	720	1.54	3.58	2.37	8.04	48.7	5.5	10	17.25	340
M899310		9.62	0.016	0.38	7.44	113.5	2230	1.61	0.38	2.41	0.71	43.4	6.0	9	15.40	20.3
M899311		<0.02	0.020	0.37	7.62	147.0	2300	1.69	0.39	2.51	0.78	43.3	6.3	10	15.90	20.3
M899312		4.57	0.171	4.12	7.29	826	950	1.35	6.94	1.39	2.66	51.9	5.9	9	18.60	63.0
M899313		5.02	0.012	0.39	7.40	35.1	2040	1.46	0.40	1.98	0.26	45.2	6.3	10	17.35	5.7
M899314		4.22	0.023	0.46	7.38	99.2	1400	1.51	0.47	2.48	1.75	47.5	7.6	9	19.95	6.2
M899315		5.76	0.121	1.57	7.42	667	910	1.53	1.76	2.16	14.00	53.1	6.4	9	19.65	29.0
M899316		3.42	<0.005	0.04	0.11	8	20	0.05	0.03	21.2	0.13	1.42	1.2	2	0.67	1.8
M899317		5.57	0.072	0.42	7.37	490	1830	1.44	0.35	2.23	4.43	44.9	6.9	8	19.60	6.8
M899318		4.06	0.050	2.39	7.41	424	1840	1.37	2.72	1.61	14.50	49.4	7.0	9	21.3	129.0
M899319		5.85	0.097	1.14	7.53	304	1750	1.52	1.87	1.90	2.28	49.8	5.8	9	19.25	24.2
M899320		0.27	2.19	23.7	6.01	3540	1690	1.20	18.15	2.18	77.0	45.3	10.2	19	15.40	441
M899321		4.91	0.214	1.07	7.21	844	890	1.52	0.75	1.76	9.25	54.1	13.5	8	20.8	12.4
M899322		5.20	0.020	0.56	7.23	69.7	1660	1.73	0.75	2.40	3.15	43.8	12.3	9	19.90	6.6
M899323		3.91	0.329	1.06	7.05	1345	1000	1.43	0.77	2.38	6.39	46.9	6.9	8	18.50	12.4
M899324		4.01	<0.005	0.21	7.46	23.9	1950	1.45	0.26	1.79	0.60	42.1	6.1	9	19.20	4.1
M899325		0.27	4.20	>100	5.56	8480	410	1.05	55.8	1.98	232	33.6	8.7	18	12.55	1295
M899326		4.68	0.284	27.2	6.61	2170	320	1.53	60.4	2.38	57.3	53.8	13.8	9	16.65	281
M899327		10.57	0.009	0.36	7.15	21.5	2490	1.28	0.44	1.32	3.73	33.3	8.0	9	13.00	4.7
M899328		4.24	0.055	2.31	7.08	193.5	1210	1.65	0.45	2.56	4.08	51.8	12.6	12	18.00	4.7
M899329		11.90	<0.005	0.15	7.60	15.7	1600	1.67	0.23	2.52	0.22	54.2	7.9	10	16.40	2.5
M899330		5.21	0.008	0.16	7.11	17.1	1910	1.60	0.33	2.43	1.11	40.4	5.2	10	15.95	4.1
M899331		4.36	0.504	1.16	7.23	605	940	1.63	0.68	3.98	11.35	50.7	6.1	8	21.2	15.2
M899332		4.15	0.073	0.43	7.24	73.4	2130	1.58	0.65	2.66	1.79	41.5	6.2	9	15.70	11.0
M899333		1.96	0.092	0.60	7.59	54.1	2120	1.71	0.88	2.64	3.34	45.5	7.4	11	15.65	14.6
M899334		4.24	0.116	0.44	7.04	74.7	1560	1.50	0.47	3.25	3.21	46.3	16.8	9	22.3	8.9
M899335		4.15	<0.005	<0.01	0.09	<5	20	0.07	0.02	21.9	0.07	1.29	1.5	1	0.26	2.0
M899336		5.31	0.014	0.18	7.45	22.4	2200	1.55	0.15	2.91	0.47	40.4	6.2	11	17.50	4.1
M899337		4.02	0.033	0.25	7.90	13.0	2030	1.52	0.25	2.29	0.44	46.7	6.4	9	15.65	5.2
M899338		8.85	0.006	0.10	7.56	28.6	1980	1.59	0.19	2.42	0.23	47.5	8.4	11	13.80	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899303		3.72	16.30	0.13	1.2	0.072	3.01	23.1	25.1	0.72	599	1.41	0.96	8.6	3.1	600
M899304		3.03	17.40	0.13	1.3	0.121	3.09	22.8	34.3	0.51	835	3.95	0.08	9.2	2.7	620
M899305		3.72	15.55	0.13	1.2	0.238	3.03	29.4	16.3	0.89	2010	5.04	0.03	7.7	3.1	550
M899306		4.46	15.55	0.16	1.1	0.333	3.12	32.3	10.2	0.89	2170	3.29	0.02	7.5	2.6	540
M899307		3.63	16.00	0.12	1.2	0.369	2.98	26.8	14.8	0.98	1740	1.83	0.03	8.2	2.8	560
M899308		2.77	15.85	0.15	1.3	0.143	3.30	21.7	30.8	0.77	1540	1.60	0.16	8.4	2.5	570
M899309		4.53	16.70	0.16	1.3	0.624	3.55	25.5	17.3	0.69	1920	1.32	0.11	8.4	2.9	590
M899310		3.33	16.05	0.16	1.4	0.068	2.87	21.9	21.6	0.70	598	1.35	1.44	8.9	2.7	610
M899311		3.49	16.55	0.14	1.5	0.066	2.97	21.5	21.9	0.72	627	1.38	1.47	9.3	2.8	650
M899312		5.45	16.30	0.16	1.2	0.168	2.97	29.1	27.6	0.58	1180	1.00	0.05	7.7	2.6	540
M899313		3.27	16.45	0.14	1.3	0.065	3.09	23.0	20.6	0.63	800	0.91	0.88	8.8	2.7	600
M899314		3.29	16.40	0.14	1.1	0.117	2.91	25.1	16.4	0.86	1700	1.88	0.26	8.4	2.7	600
M899315		4.56	16.40	0.16	1.2	0.738	2.99	29.9	14.1	0.88	2090	1.45	0.03	7.9	2.8	540
M899316		0.47	0.34	0.06	<0.1	0.005	0.05	0.7	1.2	12.65	221	0.14	0.01	0.3	1.6	180
M899317		3.08	17.25	0.12	1.3	0.114	2.81	23.2	60.9	0.84	985	1.18	0.06	8.6	2.3	580
M899318		4.26	16.80	0.13	1.3	0.743	2.82	26.0	70.9	0.66	1700	3.76	0.07	8.6	2.8	600
M899319		3.59	16.65	0.14	1.2	0.146	3.22	27.0	25.9	0.80	1090	1.22	0.07	8.2	2.5	570
M899320		6.67	13.60	0.15	0.9	1.720	2.57	26.1	23.1	0.90	1860	12.75	0.03	6.2	15.1	440
M899321		3.13	15.80	0.15	1.1	0.184	2.85	31.3	16.9	0.68	1910	1.39	0.03	7.6	3.3	520
M899322		3.65	16.05	0.14	1.1	0.187	3.00	22.3	47.7	0.88	1470	1.76	0.38	8.3	3.1	610
M899323		3.77	15.60	0.14	1.1	0.330	3.07	25.5	14.9	0.79	3730	2.23	0.05	7.7	2.6	550
M899324		3.18	16.50	0.13	1.2	0.066	3.18	21.4	50.6	0.64	1060	1.49	0.08	8.6	2.5	600
M899325		8.38	12.45	0.18	1.1	4.82	2.27	17.9	32.1	0.63	3140	14.95	0.08	5.8	13.9	460
M899326		5.29	16.95	0.18	1.0	3.69	2.70	30.9	32.6	0.76	1760	4.60	0.07	6.6	2.8	480
M899327		2.77	17.55	0.14	1.1	0.159	2.72	16.9	28.1	0.45	744	2.82	0.20	8.0	2.9	560
M899328		2.97	16.45	0.16	1.1	0.075	2.60	28.0	19.4	0.91	942	2.96	0.30	7.5	2.7	560
M899329		2.65	17.75	0.17	1.1	0.066	2.22	28.4	16.2	0.67	624	2.34	2.00	8.3	2.5	590
M899330		2.86	16.40	0.16	1.1	0.084	2.77	20.6	34.2	0.67	760	3.72	1.14	7.7	2.4	540
M899331		3.86	16.25	0.18	1.1	0.403	2.73	28.1	19.4	1.31	3950	2.40	0.10	7.3	2.3	510
M899332		3.02	17.25	0.20	1.2	0.090	2.92	20.8	19.8	0.66	770	3.60	1.49	8.1	2.6	550
M899333		3.11	17.75	0.18	1.1	0.135	3.09	23.3	23.8	0.69	810	2.47	1.42	8.1	3.6	560
M899334		3.12	15.55	0.17	1.1	0.097	2.58	24.3	25.6	0.95	1430	2.99	0.47	7.2	2.8	530
M899335		0.49	0.34	0.16	<0.1	<0.005	0.04	0.6	1.2	13.45	231	0.14	0.01	0.3	<0.2	190
M899336		2.92	17.15	0.16	1.2	0.080	2.86	20.6	11.9	0.69	678	1.55	2.07	8.3	2.4	570
M899337		3.25	17.65	0.19	1.2	0.053	2.62	24.3	31.9	0.73	693	1.03	1.77	8.6	2.7	600
M899338		2.87	16.95	0.18	1.2	0.071	2.54	24.7	19.2	0.69	630	1.34	2.06	7.8	2.6	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899303		127.5	116.0	<0.002	0.17	7.58	10.1	1	2.2	214	0.66	<0.05	12.4	0.261	1.81	3.7
M899304		265	125.5	<0.002	0.30	13.70	10.8	1	3.2	94.0	0.71	0.05	12.7	0.278	1.88	3.4
M899305		471	149.5	<0.002	1.56	20.0	10.0	1	4.9	70.5	0.59	0.12	13.2	0.235	2.80	6.6
M899306		173.5	175.5	<0.002	2.18	15.70	9.7	1	6.0	69.2	0.58	0.11	13.0	0.234	3.37	6.4
M899307		216	132.0	<0.002	1.10	11.85	9.9	1	4.0	108.0	0.63	<0.05	12.8	0.252	2.83	5.5
M899308		103.0	113.5	<0.002	0.57	9.17	8.9	1	2.5	179.0	0.66	<0.05	11.0	0.249	2.53	6.5
M899309		188.5	176.5	<0.002	2.88	16.00	10.0	1	4.8	112.5	0.69	0.06	12.5	0.249	3.29	6.1
M899310		34.5	112.0	<0.002	0.18	4.28	9.9	1	2.2	278	0.71	<0.05	11.7	0.266	1.52	3.8
M899311		36.9	112.5	<0.002	0.21	4.48	10.1	1	2.2	288	0.74	<0.05	11.7	0.276	1.58	3.9
M899312		219	182.5	<0.002	3.59	20.9	9.5	1	6.2	81.1	0.62	0.11	12.8	0.226	2.70	3.2
M899313		26.0	124.0	<0.002	0.36	8.51	10.1	1	2.1	190.5	0.69	0.06	11.9	0.274	2.01	3.3
M899314		88.3	127.0	<0.002	0.86	9.39	10.0	1	3.6	122.0	0.65	0.07	11.7	0.262	2.92	4.3
M899315		154.0	176.0	<0.002	2.69	12.05	10.0	1	5.3	96.2	0.63	0.11	13.8	0.236	3.16	5.0
M899316		4.3	3.3	<0.002	0.02	0.12	0.4	1	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M899317		131.5	104.5	<0.002	0.55	11.95	10.3	1	2.3	152.0	0.70	<0.05	12.3	0.257	2.28	4.2
M899318		153.0	115.0	<0.002	1.38	31.6	10.9	1	4.5	127.5	0.69	<0.05	13.1	0.253	1.88	5.7
M899319		100.5	144.0	<0.002	0.79	15.75	10.1	1	3.1	116.5	0.66	<0.05	13.7	0.245	2.47	4.4
M899320		2790	156.0	0.002	4.93	89.5	7.7	2	7.9	93.2	0.48	0.36	11.3	0.182	2.36	5.6
M899321		403	156.5	<0.002	1.54	17.05	9.4	1	4.4	66.8	0.64	0.06	13.9	0.228	2.85	6.2
M899322		124.5	114.0	<0.002	0.63	8.77	10.0	1	2.3	133.0	0.63	0.06	11.8	0.262	2.39	6.0
M899323		280	157.0	<0.002	2.10	14.50	9.5	1	11.8	78.1	0.59	0.05	12.4	0.238	3.17	4.9
M899324		40.3	113.5	<0.002	0.23	10.30	9.9	1	1.8	118.5	0.68	<0.05	11.4	0.261	2.17	3.9
M899325		9870	127.5	0.002	7.47	227	6.9	3	8.7	123.5	0.43	0.53	8.8	0.187	2.25	5.6
M899326		806	126.0	<0.002	4.24	64.6	9.9	2	6.3	94.6	0.57	0.10	11.7	0.208	2.59	4.5
M899327		44.5	94.5	<0.002	0.24	12.10	10.3	1	2.7	96.5	0.71	<0.05	10.1	0.252	1.56	3.1
M899328		130.0	112.5	<0.002	0.78	13.20	10.5	1	3.2	123.5	0.67	0.08	10.9	0.234	1.93	4.6
M899329		23.0	92.3	<0.002	0.17	4.88	11.0	1	2.5	307	0.72	<0.05	12.2	0.254	1.38	4.1
M899330		58.6	96.9	<0.002	0.15	5.34	9.6	1	2.3	242	0.69	<0.05	10.3	0.244	1.55	3.3
M899331		192.0	143.0	<0.002	1.91	10.35	10.2	1	4.5	135.0	0.61	<0.05	12.7	0.219	2.50	4.5
M899332		60.5	111.0	<0.002	0.41	6.28	10.2	1	2.9	288	0.72	<0.05	11.0	0.245	1.71	3.9
M899333		90.8	118.5	<0.002	0.55	8.01	10.2	1	3.5	277	0.71	<0.05	12.2	0.251	1.90	4.3
M899334		173.0	100.5	<0.002	0.91	11.60	9.6	1	2.5	180.0	0.63	0.06	11.1	0.228	1.98	4.4
M899335		1.5	1.8	<0.002	0.02	0.06	0.4	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899336		62.6	106.5	<0.002	0.13	2.50	9.9	1	2.3	360	0.73	<0.05	11.0	0.256	1.46	4.0
M899337		36.4	104.0	<0.002	0.11	7.58	11.5	1	2.3	297	0.74	<0.05	12.5	0.272	1.27	4.3
M899338		21.0	98.6	<0.002	0.12	5.00	10.1	1	2.1	329	0.68	<0.05	12.0	0.244	1.22	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899303		71	4.3	14.1	264	33.2		
M899304		75	4.3	13.8	518	34.5		
M899305		66	4.4	13.4	812	30.5		
M899306		62	5.3	12.7	942	27.7		
M899307		68	5.1	13.8	922	32.9		
M899308		65	3.3	13.8	355	34.3		
M899309		69	5.4	13.0	686	34.9		
M899310		73	2.3	14.4	89	36.5		
M899311		75	2.5	14.6	93	38.4		
M899312		63	5.5	12.5	274	31.7		
M899313		73	4.3	14.0	63	34.0		
M899314		69	5.4	14.1	178	31.7		
M899315		65	6.9	13.1	1230	31.9		
M899316		3	0.2	0.8	20	<0.5		
M899317		69	4.8	14.1	364	33.1		
M899318		70	4.9	14.7	1120	34.3		
M899319		65	4.2	14.2	200	31.3		
M899320		56	5.1	9.7	5340	25.3		
M899321		58	4.2	13.6	834	29.2		
M899322		72	4.3	14.1	298	29.4		
M899323		65	4.9	13.2	578	28.5		
M899324		70	3.7	13.3	93	32.7		
M899325		54	4.4	9.0	>10000	32.2	117	1.600
M899326		55	6.9	13.2	3960	26.4		
M899327		67	3.2	12.5	283	31.5		
M899328		65	4.0	17.3	291	30.1		
M899329		66	1.9	16.4	54	30.4		
M899330		65	2.1	14.0	116	30.5		
M899331		59	5.2	16.5	856	28.3		
M899332		64	2.1	14.5	157	30.3		
M899333		65	2.5	15.2	276	31.3		
M899334		61	3.1	14.8	261	28.5		
M899335		2	0.5	0.9	15	<0.5		
M899336		67	1.3	15.2	111	33.4		
M899337		74	2.5	17.3	73	33.3		
M899338		65	1.6	16.2	49	33.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158898

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158899

Project: Klaza-78

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

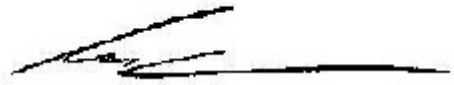
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158899

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899339		7.00	0.033	0.52	7.48	31.4	1970	1.78	0.55	2.59	4.07	45.3	9.7	9	16.90	9.3
M899340		4.60	0.342	1.77	7.80	2900	1560	1.59	1.65	1.68	3.25	50.1	7.3	7	19.65	44.9
M899341		3.76	0.017	0.51	8.29	21.5	2360	1.52	0.72	1.41	4.33	42.6	5.9	8	15.90	8.5
M899342		1.16	0.011	0.27	8.27	25.6	2440	1.49	0.46	1.21	1.89	54.9	5.9	7	19.45	4.0
M899343		4.68	0.316	2.31	7.05	509	1200	1.75	2.39	2.01	9.87	53.1	10.4	7	17.30	46.4
M899344		4.35	0.057	0.37	7.49	141.5	1990	1.62	0.46	2.20	2.53	44.2	5.7	8	14.85	13.0
M899345		4.80	0.024	0.22	7.86	53.4	1820	1.71	0.36	1.83	1.27	46.9	5.5	8	15.85	7.1
M899346		4.39	0.067	1.15	7.68	153.0	670	1.56	2.22	1.79	6.14	50.9	5.6	7	13.60	27.8
M899347		3.82	<0.005	0.01	0.12	<5	280	0.07	0.04	21.1	0.06	1.26	1.8	1	0.32	2.3
M899348		7.52	0.111	0.81	7.72	154.5	1230	1.22	1.05	1.84	5.94	55.9	8.1	8	17.30	9.4
M899349		8.15	0.041	1.01	8.79	57.6	1560	1.59	1.88	1.32	7.92	80.6	16.4	9	11.95	18.0
M899350		7.37	0.046	1.04	8.01	46.7	1750	1.66	5.72	2.24	3.56	74.5	18.1	8	14.45	36.9
M899351		6.00	0.029	0.33	7.90	31.6	1920	1.54	0.67	2.07	3.17	45.9	9.0	8	13.00	11.6
M899352		0.23	4.59	>100	5.70	8320	460	1.25	56.3	1.96	227	32.5	9.9	17	11.50	1265
M899353		10.15	1.080	9.02	6.41	1095	480	1.37	5.60	1.30	121.0	62.2	23.1	6	10.35	50.3
M899354		2.96	<0.005	0.03	0.34	<5	70	0.15	0.04	20.6	0.26	2.58	2.7	8	0.89	2.3
M899355		14.73	0.007	0.26	7.60	16.2	2050	1.54	0.17	2.35	1.71	40.8	5.9	9	10.85	4.4
M899356		4.34	0.011	0.39	7.03	28.1	1580	1.58	0.38	3.07	1.86	40.2	8.6	8	15.35	6.4
M899357		<0.02	0.011	0.39	7.33	27.8	1620	1.78	0.39	3.05	1.94	44.1	9.2	8	16.00	6.7
M899358		3.76	0.038	0.65	7.69	40.6	1820	1.78	0.98	2.65	1.53	43.0	7.7	10	10.45	22.1
M899359		9.29	0.016	0.80	7.29	125.5	2040	1.43	0.30	2.91	5.00	40.0	6.0	9	10.35	5.8
M899360		4.17	0.038	0.55	7.44	154.0	1970	1.71	0.13	2.44	2.80	42.1	6.9	8	12.95	8.0
M899361		11.27	0.051	9.09	7.40	199.5	820	1.62	4.06	2.08	20.9	48.9	6.2	7	16.90	120.0
M899362		10.46	1.295	4.67	6.49	2100	2320	1.19	5.56	1.57	8.42	44.6	7.8	8	13.15	100.5
M899363		9.37	0.018	0.37	6.62	25.3	1950	1.22	0.48	3.03	2.73	43.8	6.4	8	10.95	11.0
M899364		9.26	0.016	0.32	6.71	14.3	2090	1.15	0.72	2.65	0.65	44.1	7.5	9	10.85	9.3
M899365		7.37	0.008	0.60	7.38	29.5	1520	1.17	2.50	2.24	1.67	50.8	7.5	9	15.10	45.3
M899366		5.04	0.085	0.91	7.15	222	1240	1.29	5.70	2.79	3.22	43.0	9.7	9	21.9	83.9
M899367		5.94	0.334	1.31	7.04	1330	1390	1.01	2.67	5.50	5.78	56.3	8.9	7	18.30	39.4
M899368		7.35	0.024	0.40	7.18	37.4	1250	1.25	0.75	3.08	1.46	43.5	7.5	10	11.25	10.2
M899369		6.01	0.111	0.95	6.63	155.5	1570	1.28	1.32	2.98	1.44	41.4	6.2	9	16.10	17.2
M899370		7.65	0.039	0.33	7.05	252	1920	1.09	0.13	3.62	1.05	47.1	6.5	10	11.05	6.3
M899371		0.22	2.35	27.7	6.00	2830	1370	1.13	19.20	2.15	82.1	44.6	10.9	19	14.75	444
M899372		11.16	0.183	1.40	7.44	393	1700	1.15	0.53	3.78	24.0	54.1	7.6	8	10.00	29.2
M899373		5.99	0.131	1.33	7.54	667	1070	1.25	0.63	3.15	11.50	48.4	5.0	9	8.06	17.0
M899374		9.37	0.009	0.62	7.39	13.3	720	1.34	0.77	3.21	2.24	48.0	5.0	9	7.39	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158899

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899339		3.06	17.45	0.18	1.1	0.153	2.62	23.6	13.0	0.49	725	1.73	1.50	8.0	2.6	590
M899340		3.52	17.70	0.17	1.1	0.158	2.86	26.4	32.0	0.66	843	1.61	0.33	7.7	2.6	580
M899341		2.75	18.60	0.16	1.2	0.305	3.00	21.8	43.2	0.45	759	1.52	0.32	8.6	2.1	610
M899342		2.70	18.25	0.16	1.2	0.186	3.01	29.1	57.9	0.48	778	1.15	0.22	8.4	2.1	590
M899343		4.44	17.10	0.20	1.0	0.412	2.89	29.7	19.1	0.89	1710	3.93	0.06	6.6	2.3	490
M899344		3.08	17.50	0.18	1.1	0.088	3.08	22.5	16.6	0.62	744	1.15	0.96	7.8	2.3	550
M899345		3.03	17.20	0.18	1.2	0.105	3.24	23.9	36.5	0.65	781	1.19	0.54	8.1	2.2	580
M899346		3.90	17.05	0.17	1.1	0.357	2.69	27.9	37.1	0.76	1360	4.33	0.03	7.3	2.4	520
M899347		0.53	0.42	0.20	<0.1	0.005	0.04	0.6	1.3	13.05	233	0.18	0.01	0.3	0.6	200
M899348		3.07	15.85	0.15	1.1	0.162	1.71	31.2	59.8	0.67	1380	10.90	0.02	7.1	2.1	560
M899349		3.55	18.50	0.20	1.2	0.414	2.86	50.0	22.7	0.67	1040	1.85	0.08	8.3	2.8	660
M899350		4.22	18.55	0.19	1.1	0.220	2.93	44.0	20.5	0.74	876	1.82	0.44	7.6	2.7	610
M899351		3.14	18.45	0.17	1.2	0.177	2.72	23.4	30.4	0.70	718	1.32	0.38	8.7	2.8	590
M899352		8.13	13.65	0.21	1.1	4.87	2.25	16.5	31.5	0.64	3070	15.05	0.08	5.7	14.2	460
M899353		6.48	16.75	0.17	0.9	1.280	2.64	37.4	13.7	0.64	1230	23.5	0.03	6.2	3.8	440
M899354		0.48	0.78	0.11	<0.1	0.006	0.14	1.3	3.3	12.80	220	0.20	0.01	0.4	3.5	190
M899355		2.92	17.00	0.17	1.2	0.163	2.67	20.6	16.5	0.70	542	1.85	1.29	8.1	2.3	560
M899356		2.62	16.50	0.18	1.2	0.285	2.42	20.2	19.7	0.62	664	1.18	1.31	7.9	2.3	560
M899357		2.66	16.95	0.19	1.2	0.258	2.48	22.1	20.6	0.62	680	1.19	1.34	8.1	2.2	560
M899358		3.49	18.15	0.18	1.3	0.092	2.62	21.4	13.9	0.79	651	1.07	1.78	8.2	2.5	590
M899359		2.81	16.40	0.16	1.1	0.218	2.68	19.8	14.4	0.69	614	0.88	1.60	7.9	2.4	560
M899360		2.83	17.05	0.17	1.1	0.045	2.71	20.7	15.6	0.64	643	1.09	1.69	8.1	2.4	580
M899361		4.71	16.15	0.18	1.0	0.215	2.91	26.3	9.6	0.84	1440	0.95	0.05	7.3	2.3	510
M899362		7.60	17.55	0.17	0.9	0.383	2.84	23.4	12.7	0.53	1030	1.12	0.04	7.0	3.3	470
M899363		2.83	16.95	0.14	1.0	0.177	2.70	21.3	20.3	0.71	638	1.29	1.19	8.0	3.2	540
M899364		3.11	16.85	0.15	1.0	0.066	2.47	23.4	19.0	0.71	611	1.40	1.71	7.6	3.4	520
M899365		3.53	17.80	0.15	1.0	0.110	2.37	30.0	18.6	0.69	562	0.96	0.90	7.4	3.1	540
M899366		3.60	17.15	0.14	0.9	0.242	1.69	20.7	23.3	0.76	689	0.78	1.16	6.8	3.9	560
M899367		3.23	16.50	0.15	0.8	0.291	1.92	31.2	21.0	0.79	1080	0.64	0.86	6.9	4.1	550
M899368		3.26	16.90	0.13	0.9	0.143	1.79	20.6	18.0	0.75	744	0.80	1.59	7.7	4.0	590
M899369		3.19	17.65	0.13	0.9	0.101	2.43	20.4	19.6	0.74	831	1.45	0.95	7.2	3.6	540
M899370		2.96	16.25	0.15	0.9	0.045	2.50	24.0	18.6	0.84	697	2.55	1.55	7.8	3.6	560
M899371		6.51	15.20	0.15	0.9	1.955	2.64	23.7	29.8	0.88	1890	13.95	0.03	6.5	17.1	440
M899372		3.17	17.00	0.15	1.0	0.181	2.86	31.9	19.6	0.73	996	1.41	0.66	8.1	3.6	600
M899373		3.12	18.10	0.14	0.9	0.167	2.18	23.0	11.4	0.73	748	1.22	1.65	7.3	3.5	580
M899374		2.57	18.00	0.14	0.9	0.287	1.50	22.5	11.2	0.82	824	0.76	2.28	7.0	3.2	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158899

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899339		84.5	99.6	<0.002	0.43	9.10	10.7	1	4.0	250	0.67	<0.05	12.0	0.258	1.29	3.3
M899340		95.4	133.5	<0.002	0.91	27.6	10.8	1	4.7	109.0	0.65	<0.05	14.3	0.250	1.74	4.6
M899341		35.3	125.5	<0.002	0.24	13.70	11.5	1	3.1	122.5	0.76	<0.05	13.1	0.270	1.70	4.0
M899342		22.7	135.0	<0.002	0.18	17.10	11.3	1	2.4	119.5	0.75	<0.05	15.4	0.266	1.78	3.8
M899343		297	145.5	<0.002	2.02	28.1	10.2	1	8.3	77.1	0.60	0.09	13.0	0.213	2.46	5.7
M899344		56.8	120.5	<0.002	0.33	9.21	9.6	1	3.2	202	0.70	<0.05	12.0	0.245	1.78	3.8
M899345		33.2	141.5	<0.002	0.16	10.35	10.8	1	2.0	156.5	0.71	<0.05	12.9	0.258	2.08	4.5
M899346		118.5	165.5	<0.002	1.82	24.1	10.7	1	5.6	79.3	0.62	0.05	14.2	0.237	2.51	5.8
M899347		1.5	2.4	<0.002	0.05	0.08	0.5	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M899348		139.0	80.8	<0.002	1.20	44.9	9.5	1	3.3	183.5	0.64	<0.05	12.7	0.244	1.63	6.6
M899349		114.5	138.0	<0.002	0.95	14.45	11.3	1	5.7	70.6	0.79	0.11	15.6	0.281	2.01	4.5
M899350		69.5	116.5	<0.002	1.69	16.05	10.5	1	4.8	145.0	0.68	0.12	12.7	0.258	1.97	7.3
M899351		38.6	103.0	<0.002	0.52	9.03	10.6	1	3.4	134.0	0.77	<0.05	12.3	0.263	1.62	4.3
M899352		9350	129.5	0.002	7.28	223	7.6	3	8.9	123.0	0.46	0.45	8.9	0.188	2.09	5.3
M899353		1930	149.5	0.002	5.92	48.6	8.9	2	17.7	34.8	0.55	0.10	12.0	0.194	2.66	4.2
M899354		3.9	6.7	<0.002	0.03	0.14	0.8	1	<0.2	44.0	<0.05	<0.05	0.2	0.011	0.05	0.6
M899355		54.6	99.1	<0.002	0.16	5.14	9.8	1	2.2	252	0.75	<0.05	11.9	0.253	1.22	3.2
M899356		43.7	83.9	<0.002	0.31	10.00	9.1	1	3.3	258	0.74	<0.05	10.3	0.249	1.27	5.1
M899357		45.8	88.5	<0.002	0.32	10.35	9.4	1	3.4	264	0.76	<0.05	11.0	0.254	1.31	5.2
M899358		76.3	98.0	<0.002	0.71	5.79	11.0	1	4.1	309	0.75	<0.05	11.3	0.271	1.30	4.3
M899359		154.5	92.3	<0.002	0.25	5.75	9.5	1	2.6	304	0.72	<0.05	10.6	0.255	1.12	3.8
M899360		87.7	106.5	<0.002	0.19	7.55	10.6	1	2.0	299	0.71	<0.05	10.8	0.259	1.25	3.6
M899361		1140	136.0	<0.002	2.60	21.3	9.5	1	9.7	86.2	0.67	<0.05	13.3	0.234	2.67	4.5
M899362		327	154.0	0.003	7.38	43.6	8.7	1	11.1	79.5	0.63	0.05	11.6	0.199	2.66	3.7
M899363		94.8	86.5	0.002	0.25	4.09	9.0	1	3.2	306	0.71	<0.05	12.4	0.230	1.29	4.2
M899364		33.3	85.0	0.002	0.26	3.96	8.7	1	2.6	346	0.69	<0.05	12.6	0.222	1.03	3.0
M899365		73.8	88.8	0.003	1.19	4.81	9.0	1	3.4	238	0.67	<0.05	14.4	0.230	1.24	4.5
M899366		66.5	63.2	0.002	0.95	6.86	8.5	1	4.4	277	0.63	0.23	12.3	0.212	1.13	6.7
M899367		115.0	92.7	0.003	1.29	19.00	9.2	1	3.6	390	0.58	<0.05	12.0	0.212	1.33	7.8
M899368		41.0	69.5	0.003	0.50	4.72	9.7	1	3.4	345	0.62	<0.05	10.3	0.240	1.05	3.3
M899369		84.1	88.1	0.003	0.97	10.40	9.2	1	3.4	276	0.58	<0.05	10.1	0.226	1.42	5.4
M899370		65.0	82.4	0.003	0.19	7.35	9.1	1	1.6	456	0.66	<0.05	12.0	0.237	1.06	3.4
M899371		2850	158.0	0.004	4.83	89.2	7.8	1	8.4	92.5	0.55	0.43	11.2	0.182	2.33	6.0
M899372		168.5	130.0	0.003	1.01	10.75	9.9	1	2.9	292	0.68	<0.05	14.3	0.243	1.59	5.1
M899373		308	123.5	0.003	0.92	11.90	10.0	1	3.6	278	0.64	<0.05	13.9	0.219	1.37	4.7
M899374		67.7	73.8	0.002	0.31	4.30	10.2	1	3.1	297	0.62	<0.05	13.2	0.213	1.12	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158899

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899339		69	1.6	16.1	341	29.6		
M899340		66	4.5	15.9	258	29.8		
M899341		70	2.1	14.6	343	31.6		
M899342		66	1.8	16.0	163	31.9		
M899343		60	4.0	15.7	757	26.0		
M899344		63	2.4	15.1	199	29.9		
M899345		68	2.5	15.7	118	31.7		
M899346		63	5.0	14.8	504	28.0		
M899347		2	0.4	0.9	15	<0.5		
M899348		66	4.2	13.6	527	27.3		
M899349		78	2.7	18.1	644	32.8		
M899350		75	3.9	18.5	306	29.0		
M899351		68	3.2	16.0	259	33.5		
M899352		53	4.6	9.4	>10000	32.7	121	1.645
M899353		57	6.5	11.4	8090	24.2		
M899354		6	0.1	1.1	30	0.6		
M899355		65	2.2	14.4	149	30.4		
M899356		65	2.1	15.3	162	31.0		
M899357		66	2.1	16.2	168	31.0		
M899358		75	2.4	16.0	133	33.6		
M899359		66	1.8	14.8	333	28.6		
M899360		70	1.5	14.9	185	30.1		
M899361		61	3.4	12.0	2120	27.1		
M899362		57	6.5	10.8	709	26.9		
M899363		64	3.3	15.6	236	28.9		
M899364		61	6.9	15.8	82	27.5		
M899365		64	5.6	14.8	158	27.8		
M899366		65	2.4	13.5	287	24.9		
M899367		73	2.8	21.2	471	23.4		
M899368		71	2.1	14.6	141	25.3		
M899369		65	3.4	14.5	144	25.5		
M899370		66	3.1	17.5	98	26.4		
M899371		56	5.4	10.5	5420	27.4		
M899372		66	2.7	17.5	1340	28.1		
M899373		70	3.2	15.2	668	25.4		
M899374		70	2.2	17.3	184	25.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-78

CERTIFICATE OF ANALYSIS WH12158899

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158980

Project: Klaza TR-12-34

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

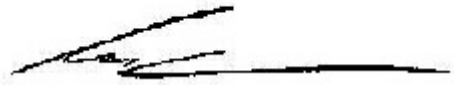
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158980

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897720		3.43	0.066	1.74	7.83	102.5	1300	1.57	2.52	0.15	4.07	63.5	14.6	10	22.6	247
M897721		3.01	0.132	1.55	7.02	149.5	1200	1.54	1.82	0.18	9.00	54.3	9.7	10	21.4	159.5
M897722		2.20	0.042	1.41	8.02	89.0	1720	1.46	2.51	0.19	13.20	59.7	14.6	9	22.4	113.0
M897723		2.62	0.214	3.70	6.39	122.5	780	1.11	5.29	0.09	2.32	48.4	2.1	12	11.30	31.6
M897724		3.67	0.111	4.91	7.61	146.0	1230	1.42	10.40	0.15	5.46	56.8	6.5	11	18.70	134.5
M897725		2.87	0.809	30.9	7.42	110.0	1090	1.30	57.7	0.07	2.74	59.4	0.8	12	10.40	63.3
M897726		3.32	0.105	4.55	7.97	189.0	1830	1.44	8.22	0.19	7.48	60.8	6.9	10	18.40	218
M897727		2.24	0.228	1.82	7.56	147.0	1840	1.40	3.59	0.24	7.00	49.3	10.5	10	22.3	89.4
M897728		2.71	0.041	1.03	7.84	58.4	1880	1.50	2.68	0.68	3.27	63.3	13.1	12	14.40	63.2
M897729		2.98	0.050	0.95	7.61	70.9	2200	1.45	2.37	0.27	4.58	62.4	8.4	11	22.5	53.9
M897730		3.08	0.056	0.79	8.12	75.1	2030	1.32	1.83	0.34	2.18	55.6	7.6	9	18.30	31.5
M897731		2.75	0.077	0.86	8.01	68.7	1980	1.41	2.15	0.36	3.12	63.3	10.9	11	21.9	25.9
M897732		2.69	0.190	2.01	7.51	122.0	1550	1.37	4.77	0.21	2.71	55.7	6.8	10	20.2	37.9
M897733		3.07	0.112	1.55	7.63	111.0	1670	1.43	3.15	0.22	4.94	64.8	15.9	13	22.6	54.0
M897734		3.42	0.069	0.98	7.45	57.8	2430	1.34	2.21	0.34	2.88	63.4	11.2	15	26.8	33.6
M897735		2.79	0.128	4.83	7.73	157.5	1030	1.60	8.45	0.19	5.73	72.9	10.6	22	33.6	92.6
M897736		2.84	0.172	8.37	7.02	187.5	1530	1.37	20.9	0.16	3.77	66.8	4.1	13	18.55	121.0
M897737		3.87	0.043	1.17	7.54	54.3	1960	1.30	3.29	0.30	3.07	46.1	7.9	12	16.75	34.8
M897738		2.23	0.024	0.66	8.00	43.9	1570	1.32	1.70	0.26	3.34	54.8	11.3	20	12.55	27.4
M897739		3.53	0.026	0.68	8.26	31.2	2020	1.35	1.12	0.32	2.76	57.8	11.9	11	24.5	25.0
M897740		3.28	0.043	1.09	7.18	79.5	1910	1.28	1.76	0.33	5.16	44.5	12.6	11	19.00	45.3
M897741		3.32	0.033	0.93	8.33	50.1	2080	1.34	1.17	0.31	9.42	54.4	12.7	10	28.4	41.1
M897742		3.39	0.123	2.83	6.74	262	1840	1.42	2.72	0.15	16.10	55.1	11.3	9	20.7	66.2
M897743		2.99	0.140	3.36	5.47	110.5	850	1.01	4.58	0.11	3.85	42.2	5.6	10	13.25	56.7
M897744		3.28	0.474	69.2	5.83	609	1250	0.87	101.5	0.20	7.08	54.7	1.1	8	34.3	309
M897745		2.92	<0.005	0.10	0.09	<5	20	0.07	0.63	19.75	0.08	1.43	1.1	2	0.40	2.3
M897746		3.48	0.047	18.60	7.78	88.2	2290	1.22	7.11	0.40	6.40	39.5	5.5	9	24.8	798
M897747		3.93	0.033	2.13	8.04	84.7	2060	1.33	3.19	0.37	3.36	54.4	8.8	8	22.8	360
M897748		2.52	0.017	1.10	6.93	59.4	1030	1.50	1.49	0.14	3.89	45.6	3.9	9	20.5	346
M897749		2.24	0.144	2.76	7.50	257	1950	1.30	3.33	0.19	5.56	56.8	2.6	11	22.6	85.0
M897750		3.95	0.742	8.56	6.87	357	930	1.23	5.68	0.14	5.48	59.2	2.6	11	10.95	61.1
M897751		3.21	0.060	7.13	8.03	276	1740	1.63	2.28	0.15	4.89	58.4	8.2	9	14.45	269
M897752		3.14	0.062	1.45	7.93	339	1410	1.63	1.01	0.13	7.21	75.3	5.9	8	22.2	341
M897753		3.44	0.536	2.15	7.48	240	1230	1.33	1.57	0.16	5.57	68.9	4.7	10	17.20	282
M897754		3.21	0.189	2.24	7.57	238	1740	1.46	2.73	0.44	5.64	65.4	6.8	12	14.00	218
M897755		0.26	2.42	25.9	5.90	2730	1530	1.21	19.60	2.12	78.2	43.0	11.5	19	15.25	435

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897720		3.95	18.55	0.14	1.2	0.781	3.14	40.6	16.2	0.22	548	10.55	0.05	8.2	4.0	580
M897721		3.54	16.10	0.13	1.2	0.547	2.75	31.5	27.9	0.21	1350	10.35	0.07	7.1	5.8	610
M897722		3.60	19.75	0.16	1.2	0.310	2.64	34.0	37.6	0.16	2030	5.96	0.03	8.4	6.0	660
M897723		2.36	17.60	0.14	1.0	0.331	2.93	29.6	18.6	0.26	217	8.62	0.08	6.2	2.0	220
M897724		4.51	18.95	0.17	1.3	0.500	3.16	34.7	14.0	0.24	628	6.61	0.08	7.5	4.0	590
M897725		1.67	21.6	0.14	1.4	0.420	3.57	34.1	10.0	0.33	835	2.06	0.06	8.2	2.0	170
M897726		4.30	19.90	0.16	1.3	0.409	2.91	32.7	29.2	0.20	1800	4.42	0.09	8.4	4.9	670
M897727		3.91	19.90	0.16	1.4	0.234	3.03	23.6	23.5	0.29	1580	2.55	0.24	8.5	5.0	660
M897728		3.70	20.2	0.17	1.3	0.258	2.33	33.3	13.5	0.66	981	1.89	1.84	8.6	4.6	640
M897729		3.54	19.65	0.16	1.3	0.245	2.71	36.5	18.6	0.28	1140	1.85	0.70	8.8	4.5	610
M897730		3.85	19.90	0.17	1.3	0.187	3.03	31.8	18.3	0.45	671	2.25	0.50	8.4	3.9	600
M897731		3.93	20.6	0.18	1.5	0.200	3.15	37.4	22.1	0.30	1100	4.48	0.53	9.3	5.0	600
M897732		4.15	19.10	0.17	1.3	0.291	3.10	33.7	19.0	0.32	960	2.71	0.20	7.9	3.8	600
M897733		4.91	19.30	0.16	1.3	0.302	3.21	38.6	16.3	0.24	2490	6.30	0.12	8.0	5.0	640
M897734		2.97	20.6	0.17	1.7	0.149	2.53	36.5	35.1	0.21	1370	3.04	0.16	9.0	8.2	700
M897735		3.42	24.4	0.16	2.7	0.392	2.81	41.6	34.4	0.21	1370	10.25	0.05	9.5	12.5	510
M897736		3.83	19.05	0.17	1.6	0.761	2.77	43.2	18.7	0.24	564	7.21	0.10	9.0	5.2	480
M897737		3.44	20.4	0.17	1.5	0.392	2.77	25.4	21.5	0.22	713	2.50	0.57	9.2	4.9	670
M897738		3.28	20.8	0.16	1.3	0.413	2.46	28.6	23.3	0.19	836	2.00	0.27	8.4	5.3	650
M897739		3.05	22.1	0.17	1.3	0.171	2.81	30.2	29.5	0.26	792	1.88	0.60	8.9	5.5	660
M897740		3.46	20.3	0.15	1.4	0.233	2.80	19.5	29.5	0.25	877	2.57	0.37	8.9	6.0	610
M897741		3.67	19.80	0.17	1.4	0.205	3.16	32.5	23.7	0.27	1290	1.81	0.42	8.4	4.8	630
M897742		4.24	17.80	0.18	1.1	0.528	2.72	42.1	14.2	0.19	1560	10.25	0.04	7.4	3.9	470
M897743		2.18	13.55	0.12	1.0	0.378	2.44	30.6	10.4	0.23	235	14.25	0.09	4.9	2.0	230
M897744		5.42	16.35	0.18	0.9	2.33	2.23	34.8	18.5	0.21	221	6.84	0.04	6.1	1.2	460
M897745		0.45	0.35	0.15	<0.1	0.006	0.03	0.7	1.0	11.80	203	0.15	<0.01	0.2	2.9	190
M897746		4.86	16.20	0.18	1.0	0.283	2.63	23.7	26.1	0.38	513	1.68	0.55	7.6	2.8	610
M897747		3.61	17.05	0.15	1.1	0.125	2.81	22.5	26.1	0.58	832	1.29	0.62	8.1	3.5	580
M897748		4.45	15.40	0.17	1.1	0.181	2.46	29.5	39.0	0.18	469	7.75	0.11	7.6	3.2	530
M897749		2.68	16.65	0.17	1.2	0.292	2.85	38.1	19.4	0.26	327	4.19	0.10	8.1	2.3	430
M897750		2.08	15.85	0.16	1.3	0.386	2.91	35.4	11.6	0.23	519	2.09	0.12	8.2	2.2	300
M897751		3.83	17.80	0.19	1.3	0.291	3.26	35.2	18.9	0.28	664	2.68	0.28	8.1	3.6	560
M897752		3.43	16.60	0.16	1.2	0.283	3.06	42.4	20.4	0.18	672	2.46	0.06	8.3	2.9	540
M897753		3.13	16.80	0.18	1.2	0.200	3.09	39.3	16.2	0.23	688	2.41	0.10	8.3	2.6	510
M897754		3.44	17.40	0.20	1.2	0.243	3.11	38.7	13.8	0.30	819	2.38	0.57	9.0	3.7	540
M897755		6.43	14.35	0.18	0.9	1.775	2.58	22.6	21.1	0.87	1870	13.15	0.03	5.9	16.4	440

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897720		136.0	167.5	0.002	0.06	22.4	10.3	1	3.3	49.6	0.74	0.26	15.6	0.242	3.13	9.8
M897721		286	149.5	0.002	0.06	36.7	9.5	1	3.3	45.4	0.65	0.14	14.5	0.225	3.04	7.9
M897722		78.7	131.5	0.002	0.04	20.4	10.5	1	2.8	77.6	0.77	0.12	16.0	0.249	2.80	7.6
M897723		134.5	191.0	0.002	0.16	37.2	7.7	1	10.2	52.2	0.55	0.46	8.7	0.207	2.60	3.5
M897724		139.0	175.5	0.003	0.07	37.5	9.6	1	4.9	48.9	0.68	0.54	15.5	0.232	3.34	8.2
M897725		204	236	0.002	0.18	52.1	9.5	1	13.6	57.5	0.75	1.41	7.4	0.248	3.19	2.5
M897726		124.5	155.0	0.002	0.06	41.5	10.4	1	4.1	71.9	0.75	0.30	16.0	0.254	2.84	6.9
M897727		118.0	142.5	0.002	0.04	17.00	10.6	1	2.9	61.3	0.77	0.13	16.2	0.253	2.67	5.8
M897728		55.6	122.5	0.002	0.09	10.60	10.5	1	3.4	252	0.76	0.13	18.0	0.244	2.03	4.6
M897729		53.7	140.0	0.003	0.08	17.70	10.5	1	2.9	122.5	0.77	0.12	16.0	0.239	2.36	5.5
M897730		52.0	146.5	0.002	0.05	8.96	10.7	1	2.3	95.0	0.75	0.11	17.3	0.248	2.27	4.9
M897731		55.2	149.0	0.003	0.03	9.73	10.9	1	2.8	101.0	0.80	0.21	17.5	0.261	2.17	5.9
M897732		209	166.5	0.002	0.09	11.05	9.8	1	4.2	93.3	0.71	0.31	16.2	0.235	2.56	5.3
M897733		271	165.5	0.002	0.06	18.20	10.4	1	3.1	56.3	0.70	0.28	16.2	0.237	2.91	7.5
M897734		74.7	124.0	0.002	0.05	15.00	7.4	1	2.6	73.9	0.77	0.12	13.8	0.263	2.06	5.4
M897735		368	146.0	0.002	0.11	40.8	7.8	1	5.2	116.5	0.82	0.72	13.5	0.257	2.82	7.1
M897736		258	162.0	0.002	0.12	103.5	9.1	1	7.1	97.3	0.81	0.80	13.6	0.257	2.86	4.7
M897737		87.5	137.0	0.002	0.04	16.50	10.5	1	3.8	94.9	0.83	0.30	14.9	0.273	2.05	4.0
M897738		48.6	130.5	0.002	0.03	17.50	10.9	1	3.3	64.4	0.75	0.19	15.5	0.247	1.76	3.6
M897739		51.2	135.0	0.002	0.03	12.70	10.2	1	2.7	101.5	0.75	0.11	16.4	0.265	1.82	3.4
M897740		101.0	128.0	0.002	0.02	18.20	10.2	1	3.0	92.0	0.76	0.13	13.4	0.262	1.73	4.2
M897741		70.7	152.0	0.003	0.02	11.35	10.2	1	2.7	81.2	0.77	0.07	16.8	0.256	2.04	4.2
M897742		443	142.0	0.002	0.09	21.4	10.1	1	4.7	40.4	0.66	0.08	14.6	0.214	2.83	6.3
M897743		317	145.5	0.003	0.15	21.7	6.9	1	4.6	40.2	0.42	0.49	8.6	0.152	2.55	2.9
M897744		4690	133.5	0.002	0.81	130.5	7.1	2	17.6	70.9	0.47	0.75	9.6	0.184	2.72	2.2
M897745		6.5	1.8	0.002	0.01	0.29	0.2	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M897746		415	123.5	0.002	0.05	12.70	10.0	1	2.4	109.0	0.54	0.24	13.5	0.243	1.83	2.6
M897747		138.0	124.5	0.003	0.02	8.24	10.5	1	1.9	98.7	0.61	0.12	14.9	0.243	1.35	2.4
M897748		101.0	127.0	0.003	0.06	31.1	9.5	1	1.9	76.8	0.64	0.06	15.2	0.217	1.96	4.2
M897749		517	156.5	0.003	0.12	15.85	9.0	1	4.5	92.4	0.69	0.35	14.0	0.245	3.29	3.0
M897750		670	156.0	0.003	0.10	20.1	9.0	1	6.5	60.6	0.71	0.16	12.1	0.250	3.14	2.7
M897751		321	161.0	0.003	0.07	11.15	10.3	1	2.5	86.1	0.69	0.49	16.6	0.233	2.65	5.5
M897752		312	149.0	0.002	0.32	13.05	9.7	1	2.3	114.5	0.76	0.08	18.5	0.238	2.71	7.5
M897753		316	167.0	0.002	0.41	12.15	9.6	1	2.2	100.0	0.72	0.16	15.6	0.254	3.26	5.8
M897754		369	159.5	0.003	0.20	15.40	10.1	1	2.6	152.0	0.73	0.10	15.9	0.260	2.45	4.9
M897755		2820	155.0	0.003	4.77	87.3	7.8	1	7.7	86.9	0.46	0.41	10.4	0.178	2.24	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897720		72	3.7	18.7	772	35.9
M897721		64	3.5	19.3	671	33.3
M897722		72	4.4	22.1	694	36.0
M897723		63	6.3	8.3	173	30.5
M897724		68	4.2	18.1	605	38.5
M897725		67	10.0	8.1	105	38.7
M897726		73	3.6	19.0	620	38.9
M897727		73	3.4	16.9	562	40.2
M897728		68	2.1	16.6	299	41.6
M897729		68	2.0	18.5	321	38.8
M897730		69	2.6	17.7	243	40.0
M897731		73	3.5	20.5	264	45.9
M897732		67	5.8	15.9	309	38.7
M897733		72	3.7	20.9	540	39.2
M897734		62	2.3	15.8	244	50.3
M897735		74	6.3	16.0	635	96.6
M897736		63	6.9	13.5	497	54.2
M897737		77	3.3	16.3	295	43.2
M897738		74	2.6	19.8	384	40.0
M897739		73	3.0	17.6	304	40.8
M897740		72	3.8	16.1	655	41.2
M897741		74	2.4	20.2	840	40.7
M897742		62	4.7	23.9	1300	33.5
M897743		58	3.6	9.9	284	29.8
M897744		52	7.1	7.7	424	25.5
M897745		1	0.2	0.9	17	0.6
M897746		64	2.8	15.3	839	28.1
M897747		67	2.8	12.9	651	33.4
M897748		60	2.4	16.0	1120	29.1
M897749		63	3.3	15.2	374	32.9
M897750		58	8.2	11.2	277	35.1
M897751		64	2.8	15.7	655	33.2
M897752		63	2.9	14.3	485	33.7
M897753		65	4.4	11.6	298	33.5
M897754		67	3.6	14.6	399	35.0
M897755		55	4.8	10.0	5300	27.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158980

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158981

Project: Klaza TR-12-34

P.O. No.: Batch 3

This report is for 9 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

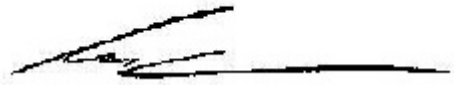
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158981

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897756		3.60	0.062	1.45	8.02	117.5	2090	1.53	4.40	0.95	4.27	51.5	7.6	19	10.05	166.0
M897757		2.85	0.045	1.01	8.76	209	2190	1.82	1.38	0.37	7.80	63.8	6.9	13	18.50	340
M897758		2.63	0.051	0.95	8.35	132.0	2320	1.66	1.83	0.86	4.94	59.1	7.4	17	12.65	214
M897759		3.69	0.025	0.95	7.98	69.1	2140	1.39	1.71	0.91	3.50	58.1	9.4	18	11.75	135.5
M897760		3.22	0.033	0.78	8.61	95.4	2240	1.67	0.93	0.72	5.31	53.7	9.4	12	19.35	153.0
N879761		3.18	<0.005	0.02	0.08	5	20	0.06	0.01	20.6	0.06	1.27	1.2	2	0.33	2.7
M897762		3.76	0.043	0.60	8.29	69.4	2140	1.62	0.97	0.59	5.42	58.5	13.2	15	18.75	83.6
M897763		5.09	0.021	0.47	7.69	36.3	2220	1.48	0.67	0.74	6.51	61.2	11.7	15	15.45	51.1
M897764		0.29	2.26	27.2	5.95	2800	1540	1.25	20.5	2.15	81.4	43.2	11.9	19	16.10	435

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897756		3.42	17.10	0.16	1.3	0.184	2.74	30.5	13.6	0.58	835	2.21	1.59	9.2	5.9	620
M897757		4.22	18.85	0.20	1.3	0.137	2.77	38.9	20.4	0.45	590	3.70	0.80	8.6	5.3	600
M897758		3.67	18.80	0.18	1.3	0.130	2.72	37.1	12.7	0.49	572	2.89	1.44	9.2	6.3	640
M897759		3.30	17.90	0.19	1.2	0.129	2.62	33.3	13.5	0.56	664	2.05	1.47	9.0	6.2	650
M897760		3.62	20.8	0.19	1.3	0.100	2.71	36.4	18.1	0.43	477	1.93	1.03	9.4	5.8	670
N879761		0.47	0.39	0.22	<0.1	<0.005	0.04	0.6	1.1	12.30	222	0.14	0.01	0.2	2.8	180
M897762		3.60	18.95	0.19	1.3	0.097	2.66	43.1	20.5	0.36	787	2.01	0.90	9.5	5.5	650
M897763		3.08	17.25	0.16	1.3	0.081	2.70	32.1	21.4	0.36	1310	1.69	1.00	9.0	5.9	640
M897764		6.48	14.95	0.20	1.0	1.935	2.60	23.7	25.5	0.88	1890	13.95	0.03	6.3	16.8	440

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897756		134.5	122.5	0.002	0.07	8.79	10.5	1	2.1	261	0.74	0.14	15.3	0.284	1.47	3.7
M897757		69.2	131.5	0.002	0.02	6.45	13.1	1	2.3	124.0	0.71	0.11	18.2	0.261	1.55	7.4
M897758		72.6	121.5	0.003	0.03	7.07	11.4	1	2.2	229	0.72	0.13	16.5	0.280	1.35	5.0
M897759		81.8	115.0	0.003	0.02	7.22	10.3	1	2.3	243	0.69	0.11	14.7	0.270	1.28	3.5
M897760		58.3	127.0	0.003	0.02	7.84	12.5	1	2.2	178.0	0.76	0.05	18.0	0.259	1.38	4.4
N879761		1.7	2.1	0.002	0.01	0.07	0.3	1	<0.2	41.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897762		54.6	121.0	0.003	0.02	12.10	12.8	1	2.2	162.5	0.74	0.08	17.6	0.277	1.31	4.5
M897763		44.0	119.0	0.003	0.01	13.30	10.4	1	1.9	189.5	0.74	0.06	15.3	0.276	1.27	3.4
M897764		2860	160.5	0.003	4.81	90.6	7.9	1	8.3	91.5	0.51	0.40	11.3	0.179	2.43	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-34

CERTIFICATE OF ANALYSIS WH12158981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897756		71	2.5	15.8	338	37.2
M897757		80	3.4	23.8	698	35.7
M897758		74	3.1	20.5	478	38.3
M897759		69	3.0	17.0	380	36.0
M897760		72	2.6	23.6	620	37.1
N879761		2	0.1	0.9	14	0.7
M897762		75	2.5	27.5	575	39.4
M897763		71	2.6	19.3	456	38.4
M897764		55	5.1	10.7	5260	30.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-34

Finalized Date: 28-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158981

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158982

Project: Klaza TR-12-35

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158982

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897765		4.12	<0.005	0.34	7.73	16.0	2120	1.46	0.29	0.91	0.45	55.9	8.2	10	11.55	10.9
M897766		3.51	<0.005	0.36	7.72	13.4	2150	1.57	0.12	0.68	0.23	65.9	8.7	9	15.95	12.3
M897767		2.98	0.005	0.31	7.77	12.8	2110	1.49	0.08	0.82	0.18	59.5	8.2	10	13.25	11.8
M897768		3.64	<0.005	0.23	7.67	10.7	2170	1.45	0.10	0.88	0.16	54.5	8.1	9	13.05	9.7
M897769		2.90	<0.005	0.29	7.91	10.9	2270	1.50	0.09	1.35	0.18	54.3	8.9	10	11.20	11.1
M897770		3.08	0.006	0.23	7.90	15.1	2060	1.64	0.09	1.36	0.19	57.1	9.4	10	10.90	12.3
M897771		3.26	0.010	0.39	7.95	25.6	2160	1.38	0.07	0.47	0.22	56.5	7.9	9	18.90	10.7
M897772		3.32	0.006	0.25	7.93	40.1	2300	1.54	0.08	1.40	0.19	53.1	9.2	11	13.15	11.7
M897773		3.66	0.007	0.38	7.87	28.0	2120	1.50	0.11	1.07	0.13	49.6	9.7	9	14.15	14.9
M897774		4.47	0.023	0.40	7.68	138.5	3810	1.51	0.13	1.25	0.29	61.1	8.6	10	12.65	12.3
M897775		2.39	<0.005	0.18	7.64	10.3	2040	1.25	0.09	0.35	0.08	53.9	7.2	8	12.75	10.3
M897776		2.95	<0.005	0.20	6.58	15.6	860	2.26	0.57	0.34	0.08	45.3	2.8	5	31.4	5.4
M897777		2.94	<0.005	0.27	7.99	9.7	2130	1.71	0.09	0.75	0.13	58.2	8.5	10	13.10	9.1
M897778		4.48	0.007	0.44	7.88	12.8	2050	1.67	0.08	0.93	0.22	57.9	7.9	10	13.40	10.9
M897779		3.09	0.010	0.51	8.05	15.9	2010	1.76	0.14	0.95	0.29	57.1	7.5	9	16.25	15.3
M897780		2.38	0.006	0.23	8.08	13.3	2160	1.39	0.13	0.51	0.18	52.3	7.4	8	12.95	11.6
M897781		3.25	0.006	0.26	7.83	12.3	2140	1.61	0.08	1.05	0.24	53.3	6.9	7	11.80	11.5
M897782		3.26	<0.005	0.17	8.03	13.9	2120	1.56	0.10	0.55	0.16	51.4	7.4	7	14.45	11.5
M897783		3.36	0.006	0.33	8.13	14.9	2220	1.62	0.09	1.22	0.41	51.9	7.4	9	13.90	11.0
M897784		3.63	0.505	63.2	7.55	609	2530	1.80	0.15	0.33	7.06	52.0	8.8	8	19.35	19.8
M897785		3.35	0.006	0.30	7.61	15.1	2190	1.70	0.13	1.47	0.34	51.5	7.5	7	20.6	13.0
M897786		2.92	0.011	0.58	8.00	26.6	2420	1.50	0.13	0.87	0.62	56.9	7.3	8	17.90	14.2
M897787		3.46	0.006	0.37	7.85	21.0	2170	1.77	0.16	0.91	0.52	55.4	8.8	9	19.30	15.6
M897788		2.75	0.006	0.31	8.46	15.9	2290	1.89	0.18	1.47	0.24	53.7	8.4	9	22.6	16.1
M897789		0.52	2.28	25.4	6.43	3590	1690	1.43	19.15	2.30	79.0	45.1	10.6	19	15.00	449
M897790		1.52	<0.005	0.46	8.21	19.1	2380	1.53	0.20	0.33	0.24	44.0	6.8	8	28.6	20.1
M897791		2.83	0.010	0.63	8.02	19.7	2270	1.74	0.48	1.15	0.28	56.4	8.4	8	17.65	19.7
M897792		2.48	0.013	0.91	8.40	25.8	2310	1.67	0.41	0.55	0.32	50.4	9.0	9	30.2	25.1
M897793		2.78	0.021	1.37	8.34	45.4	1900	1.90	0.25	0.45	0.59	56.2	9.1	10	26.5	27.0
M897794		2.80	0.009	0.49	8.29	16.7	2240	1.68	0.19	0.33	0.24	51.1	7.7	8	35.5	20.0
M897795		3.51	0.054	1.33	8.11	45.3	2230	1.72	0.24	0.33	0.68	53.1	8.4	9	30.7	42.0
M897796		3.54	<0.005	0.01	0.07	<5	20	0.05	0.02	20.0	0.06	1.18	1.2	<1	0.23	1.9
M897797		2.93	0.014	0.71	8.68	19.3	2350	1.65	0.09	0.52	0.28	53.9	8.1	8	28.1	13.9
M897798		2.81	0.013	0.63	8.05	20.6	2240	1.85	0.08	1.64	0.40	53.6	8.1	8	28.3	12.7
M897799		3.06	0.016	0.79	8.44	43.3	2670	2.11	0.09	0.31	0.58	50.0	7.2	8	23.1	14.6
M897800		4.59	0.018	1.28	7.46	69.3	1540	1.66	0.10	0.50	1.95	42.6	7.6	8	15.85	14.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897765		3.04	16.75	0.18	1.4	0.042	2.62	24.9	20.2	0.32	786	0.96	1.84	8.7	4.3	630
M897766		3.00	19.35	0.17	1.4	0.050	2.58	33.3	25.2	0.37	804	0.99	1.55	9.0	4.0	620
M897767		3.12	19.00	0.18	1.4	0.040	2.67	33.9	25.6	0.54	833	0.88	1.91	8.5	3.9	600
M897768		2.95	17.95	0.19	1.3	0.037	2.61	30.6	21.3	0.67	828	0.82	1.90	8.4	3.3	580
M897769		3.23	18.65	0.17	1.4	0.040	2.49	28.1	25.7	0.68	792	1.31	2.15	9.2	4.5	680
M897770		3.26	18.50	0.19	1.5	0.044	2.46	27.1	21.3	0.54	892	1.24	1.98	9.5	4.7	680
M897771		2.90	19.20	0.17	1.4	0.044	2.67	30.9	28.7	0.31	995	1.33	0.68	9.0	4.2	630
M897772		3.18	18.70	0.16	1.5	0.044	2.66	27.6	20.7	0.58	985	1.08	2.03	8.8	4.5	690
M897773		3.33	18.85	0.19	1.4	0.046	2.62	31.3	23.6	0.62	841	1.27	1.77	8.5	3.9	700
M897774		3.25	17.90	0.20	1.7	0.044	2.85	34.8	23.9	0.40	1880	1.30	1.68	8.8	4.4	610
M897775		2.67	18.70	0.16	1.8	0.042	2.79	32.7	24.4	0.19	597	1.03	0.78	9.1	3.4	610
M897776		1.15	18.05	0.12	2.5	0.028	1.78	25.7	39.6	0.33	404	1.10	0.20	10.9	2.4	220
M897777		3.25	19.60	0.19	1.7	0.041	3.12	38.2	36.7	0.18	874	1.03	1.74	9.1	3.7	600
M897778		2.99	18.40	0.19	1.6	0.039	2.90	36.9	33.5	0.17	838	1.01	1.85	8.3	4.0	600
M897779		2.98	17.10	0.09	1.7	0.043	2.74	29.1	35.5	0.25	859	1.07	1.80	9.5	4.7	590
M897780		3.21	16.85	0.11	1.6	0.044	2.82	29.7	31.1	0.27	903	0.96	1.09	9.1	3.3	630
M897781		3.05	16.30	0.10	1.7	0.039	2.73	30.4	28.7	0.24	831	1.00	1.91	9.1	3.6	590
M897782		3.12	17.30	0.10	1.5	0.041	2.81	27.2	31.2	0.23	663	0.96	0.98	9.3	2.9	610
M897783		3.13	17.55	0.09	1.4	0.044	2.78	23.5	32.0	0.37	880	1.17	1.50	9.6	4.0	620
M897784		3.15	16.40	0.12	1.5	0.046	2.81	38.0	194.0	0.16	6170	2.43	0.15	8.7	4.2	560
M897785		3.01	17.05	0.10	1.4	0.042	2.69	27.2	25.9	0.32	932	1.31	1.84	8.6	4.0	610
M897786		3.05	17.60	0.10	1.4	0.046	2.75	27.9	37.8	0.28	1220	1.43	1.02	9.4	4.4	640
M897787		3.08	17.65	0.10	1.5	0.047	2.79	27.6	82.0	0.30	1420	1.46	1.18	9.7	5.0	640
M897788		3.24	17.90	0.11	1.4	0.050	2.78	26.6	43.9	0.37	905	1.43	2.07	9.4	4.3	670
M897789		7.04	14.45	0.15	1.0	1.840	2.74	23.9	24.6	0.95	1980	13.85	0.04	6.6	16.1	470
M897790		3.22	18.35	0.09	1.4	0.048	2.90	17.8	60.8	0.32	655	1.34	0.38	9.4	4.1	650
M897791		3.21	17.25	0.10	1.6	0.049	2.77	27.4	31.4	0.51	823	1.08	1.87	9.5	4.0	620
M897792		3.22	19.85	0.11	1.6	0.050	2.89	24.3	76.7	0.40	657	1.40	1.02	10.0	4.4	650
M897793		3.44	19.25	0.13	1.6	0.052	2.75	34.5	143.0	0.24	995	1.57	0.65	10.0	4.9	650
M897794		3.09	18.90	0.11	1.5	0.048	3.02	26.1	50.8	0.23	729	2.38	0.57	9.4	3.4	620
M897795		3.20	19.80	0.13	1.5	0.054	2.95	28.6	97.2	0.23	1140	2.31	0.54	9.5	4.3	620
M897796		0.45	0.27	0.12	<0.1	0.006	0.03	0.6	1.3	12.20	206	0.08	0.01	0.3	1.3	160
M897797		3.39	19.15	0.13	1.6	0.046	2.97	26.6	58.1	0.39	647	1.47	0.54	10.2	3.5	680
M897798		3.21	18.30	0.12	1.6	0.040	2.72	27.3	32.8	0.34	820	1.44	2.01	9.4	3.7	610
M897799		2.77	19.10	0.11	1.6	0.039	2.27	28.7	434	0.11	1180	1.74	0.08	9.1	3.5	650
M897800		3.16	17.40	0.11	1.5	0.036	1.96	26.6	230	0.12	1900	1.91	0.09	8.6	3.9	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897765		20.9	120.0	0.002	0.01	6.79	9.9	1	1.6	215	0.73	<0.05	15.8	0.263	1.14	3.3
M897766		25.7	124.5	0.002	<0.01	5.94	12.5	1	1.8	170.0	0.72	<0.05	18.2	0.258	1.12	3.3
M897767		22.5	121.0	0.002	<0.01	4.07	10.9	1	1.6	205	0.73	<0.05	16.9	0.252	1.08	2.9
M897768		21.7	119.0	0.002	<0.01	3.64	10.5	1	1.5	220	0.71	<0.05	15.5	0.251	1.04	2.5
M897769		21.0	116.0	0.002	<0.01	2.69	10.2	1	1.7	284	0.75	<0.05	14.9	0.276	1.01	2.5
M897770		21.6	112.5	0.003	<0.01	3.75	11.2	1	1.7	275	0.78	<0.05	15.0	0.286	1.02	3.4
M897771		23.6	127.0	0.003	0.01	14.60	12.6	1	1.6	95.9	0.72	<0.05	16.5	0.267	1.22	2.9
M897772		21.2	116.5	0.002	<0.01	3.98	10.4	1	1.6	304	0.69	<0.05	14.5	0.284	1.08	2.4
M897773		20.6	118.0	0.003	<0.01	3.98	12.5	1	1.7	227	0.70	<0.05	15.1	0.291	1.17	2.6
M897774		22.7	127.5	0.003	0.04	9.80	11.5	1	1.7	240	0.75	<0.05	16.2	0.263	1.26	3.1
M897775		19.1	131.0	0.002	<0.01	10.10	10.8	1	1.7	86.1	0.80	<0.05	17.5	0.253	1.20	3.1
M897776		35.6	112.0	0.002	<0.01	8.61	5.0	<1	1.8	57.2	1.21	<0.05	16.4	0.104	1.01	6.1
M897777		22.8	136.5	0.002	<0.01	7.05	11.1	1	1.6	173.5	0.78	<0.05	17.6	0.257	1.29	3.4
M897778		23.6	129.0	0.003	<0.01	5.93	10.9	1	1.6	201	0.71	<0.05	16.9	0.251	1.20	3.1
M897779		19.7	123.0	<0.002	<0.01	5.90	12.7	2	1.6	203	0.71	<0.05	16.3	0.246	1.08	4.0
M897780		18.7	129.0	<0.002	<0.01	8.29	12.0	2	1.6	118.5	0.72	<0.05	16.5	0.264	1.20	3.7
M897781		17.2	125.5	<0.002	0.01	5.20	11.1	2	1.5	220	0.74	<0.05	16.0	0.243	1.10	4.1
M897782		18.0	131.5	<0.002	<0.01	9.08	12.6	2	1.5	119.0	0.69	<0.05	16.2	0.259	1.15	3.5
M897783		21.2	129.0	<0.002	<0.01	12.15	11.4	1	1.6	235	0.68	<0.05	15.3	0.262	1.14	3.0
M897784		1145	136.5	<0.002	0.04	313	11.7	2	2.7	103.0	0.63	<0.05	14.5	0.241	1.70	4.8
M897785		19.6	124.5	<0.002	<0.01	7.67	11.7	2	1.6	268	0.65	<0.05	14.6	0.249	1.23	2.9
M897786		24.5	132.0	<0.002	0.01	16.05	11.9	1	1.7	173.0	0.67	<0.05	15.6	0.264	1.21	3.5
M897787		21.9	139.0	<0.002	<0.01	11.00	12.4	2	1.7	198.0	0.71	<0.05	15.6	0.266	1.32	3.8
M897788		19.9	132.0	<0.002	<0.01	6.62	13.3	2	1.7	305	0.67	<0.05	14.6	0.273	1.18	3.3
M897789		2840	168.0	0.002	4.97	92.8	8.3	2	8.5	99.4	0.49	0.46	10.6	0.181	2.32	5.5
M897790		21.9	141.5	<0.002	0.01	13.20	13.5	1	1.8	74.1	0.69	<0.05	14.3	0.267	1.37	2.7
M897791		24.7	140.0	<0.002	<0.01	5.99	13.1	2	1.7	247	0.73	<0.05	15.7	0.259	1.17	3.1
M897792		25.6	146.5	<0.002	<0.01	12.25	14.7	2	1.9	148.5	0.74	<0.05	15.5	0.272	1.29	3.7
M897793		28.6	146.5	<0.002	<0.01	20.8	14.5	2	1.8	142.0	0.74	<0.05	17.1	0.274	1.32	4.6
M897794		24.5	154.5	<0.002	<0.01	11.65	14.5	2	1.8	84.8	0.72	<0.05	15.4	0.263	1.43	4.0
M897795		29.4	151.5	<0.002	<0.01	21.2	15.0	2	1.9	101.0	0.72	<0.05	16.6	0.266	1.58	3.8
M897796		1.3	1.3	<0.002	0.01	0.09	0.3	1	<0.2	45.8	<0.05	<0.05	0.2	<0.005	<0.02	4.0
M897797		22.2	141.5	<0.002	<0.01	10.50	14.5	2	1.8	98.4	0.73	<0.05	18.1	0.287	1.35	3.4
M897798		21.5	132.0	<0.002	<0.01	5.93	12.6	2	1.6	319	0.70	<0.05	15.0	0.259	1.19	2.8
M897799		34.0	116.5	<0.002	0.04	31.9	13.8	2	1.6	145.0	0.67	<0.05	15.9	0.266	1.23	4.2
M897800		71.9	100.5	<0.002	0.04	35.2	12.2	2	1.6	106.5	0.69	<0.05	13.8	0.242	1.21	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897765		69	1.2	13.5	62	37.6
M897766		72	1.5	19.4	60	39.8
M897767		71	1.2	21.3	57	38.9
M897768		67	1.4	18.6	57	37.2
M897769		78	1.6	13.9	63	39.3
M897770		83	1.3	15.2	63	42.7
M897771		75	1.5	20.0	65	40.3
M897772		79	1.4	14.8	63	46.4
M897773		86	1.7	18.8	65	44.2
M897774		76	2.2	21.9	69	46.1
M897775		69	2.3	22.4	47	49.2
M897776		23	2.2	16.7	39	66.2
M897777		70	0.9	28.1	61	47.0
M897778		69	1.0	23.1	64	44.6
M897779		69	1.4	20.6	64	47.4
M897780		74	2.2	22.6	59	47.1
M897781		67	1.3	20.8	57	49.7
M897782		71	2.0	21.7	60	47.6
M897783		73	2.5	14.5	82	43.1
M897784		69	3.6	25.6	851	47.2
M897785		71	2.2	17.1	70	42.8
M897786		72	3.7	17.8	89	44.4
M897787		73	2.8	17.4	86	47.3
M897788		77	2.8	17.5	65	44.1
M897789		58	5.2	10.6	5290	27.8
M897790		75	2.7	14.8	69	42.5
M897791		73	1.3	18.4	72	49.6
M897792		75	1.8	17.6	82	48.6
M897793		74	2.2	23.3	104	49.5
M897794		74	2.1	19.1	71	43.3
M897795		74	3.1	20.1	108	43.6
M897796		2	<0.1	0.8	13	<0.5
M897797		80	2.7	20.8	78	47.9
M897798		71	2.2	19.6	80	48.6
M897799		70	6.4	19.1	114	46.8
M897800		68	5.5	24.8	251	45.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-35

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158982

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158983

Project: Klaza TR-12-35

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158983

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897801		2.67	0.015	0.67	8.41	32.1	1600	1.73	0.11	0.32	0.34	50.5	7.5	13	25.7	10.0
M897802		3.04	0.022	0.59	8.17	39.6	2360	1.82	0.19	1.46	0.34	59.1	8.1	12	23.3	13.4
M897803		3.68	0.026	1.02	8.05	80.9	2320	1.73	0.11	1.50	0.93	59.3	7.8	11	15.20	6.6
M897804		2.69	0.051	2.82	8.16	218	2330	1.55	0.13	0.49	2.02	52.4	8.0	11	20.1	8.4
M897805		2.84	0.413	27.1	8.10	757	2140	1.80	0.25	0.32	11.45	57.9	7.5	16	16.05	18.1
M897806		3.04	0.578	17.05	6.81	2120	5190	1.77	0.25	0.21	42.7	48.6	6.8	9	14.80	25.2
M897807		3.40	8.29	>100	6.66	7590	2220	1.59	0.15	0.20	70.6	51.4	4.0	12	16.05	70.2
M897808		3.30	3.32	66.1	7.18	2420	2460	1.48	0.38	0.17	27.0	51.6	1.9	9	25.4	31.3
M897809		3.12	0.095	5.08	7.97	335	1880	1.73	0.34	0.48	5.61	58.6	7.5	16	13.85	19.0
M897810		3.13	0.072	2.89	8.07	259	1680	1.90	0.96	0.49	3.45	60.0	8.2	22	23.2	13.3
M897811		2.95	0.040	1.56	8.10	202	1710	1.99	2.30	0.34	1.46	58.1	7.5	10	19.95	12.4
M897812		3.00	0.043	1.37	8.03	188.5	1460	1.66	0.82	0.45	0.78	56.0	7.4	10	22.6	18.6
M897813		3.20	0.030	0.56	8.07	56.3	2150	1.77	0.23	1.32	0.69	56.5	7.3	11	15.85	10.3
M897814		2.96	0.015	0.65	7.66	75.3	3750	1.76	0.17	0.73	0.82	55.2	7.2	11	20.3	12.3
M897815		2.48	0.014	0.70	8.30	41.6	2280	1.44	0.26	0.35	0.67	54.6	7.2	10	29.1	11.8
M897816		3.80	0.014	0.44	8.34	22.2	2560	1.73	0.29	0.82	0.65	59.9	8.1	13	24.6	18.4
M897817		4.39	0.229	0.60	7.61	173.5	2880	1.73	0.13	0.94	1.18	54.3	6.9	10	21.4	9.0
M897818		3.09	0.031	0.38	7.87	69.8	2010	1.79	0.52	0.40	0.46	58.0	8.3	11	21.7	9.7
M897819		2.94	<0.005	0.15	7.94	14.9	2380	1.68	0.21	1.21	0.24	59.8	6.8	12	14.95	13.8
M897820		2.33	<0.005	0.12	8.03	12.9	2210	1.71	0.26	1.27	0.20	59.6	7.8	13	12.20	13.6
M897821		3.46	<0.005	0.19	8.50	10.3	2380	1.60	0.22	0.49	0.12	61.9	6.7	12	15.70	20.8
M897822		3.59	<0.005	0.11	8.20	8.7	2220	1.43	0.19	0.48	0.24	55.7	7.6	12	10.30	10.8
M897823		3.01	<0.005	0.15	8.21	11.6	2410	1.61	0.24	0.50	0.17	55.8	8.7	13	14.90	9.5
M897824		3.72	<0.005	0.08	7.69	8.0	2580	1.52	0.36	0.87	0.19	47.7	7.5	11	9.28	6.2
M897825		3.71	<0.005	0.19	7.87	23.5	2100	1.65	0.50	0.71	0.30	63.8	6.9	11	12.05	20.6
M897826		0.23	2.42	23.7	5.96	3480	1660	1.35	18.80	2.17	77.3	45.8	10.4	18	15.60	439
M897827		3.29	<0.005	0.13	7.93	9.4	2140	1.64	0.98	1.51	0.16	54.4	7.7	13	9.28	13.4
M897828		3.39	0.007	0.17	7.70	24.7	1810	1.66	0.41	0.89	0.27	59.6	8.2	15	12.85	14.4
M897829		3.18	0.006	0.18	7.99	20.8	1850	1.52	0.38	0.62	0.25	62.0	7.7	14	13.80	15.6
M897830		4.06	0.025	0.19	7.70	38.2	2160	1.45	0.72	0.82	0.36	54.9	7.5	12	11.35	15.9
M897831		2.81	0.011	0.11	8.52	16.0	2240	1.47	0.43	0.87	0.13	55.5	7.8	12	17.45	19.1
M897832		1.97	<0.005	<0.01	0.16	<5	40	0.11	0.02	21.2	0.06	1.27	1.8	3	1.12	3.4
M897833		3.31	0.204	0.57	6.47	216	1070	1.42	0.38	1.00	0.47	37.7	8.2	9	23.2	15.6
M897834		4.27	<0.005	0.11	8.35	19.0	1970	1.53	0.40	0.47	0.18	54.9	7.8	10	21.6	12.3
M897835		2.81	0.005	0.14	8.24	27.6	2100	1.69	0.77	0.92	0.22	60.9	9.1	13	20.2	22.2
M897836		2.76	<0.005	0.08	7.93	11.4	2060	1.68	1.47	1.41	0.17	46.7	7.9	9	8.89	12.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897801		2.99	18.80	0.15	1.6	0.044	2.53	28.7	227	0.13	1160	1.77	0.20	9.2	3.5	690
M897802		3.37	17.25	0.15	1.7	0.045	2.79	30.9	27.7	0.41	927	1.73	1.96	9.0	3.9	680
M897803		3.18	16.80	0.14	1.5	0.040	2.76	29.4	21.2	0.58	901	1.48	2.19	8.5	3.7	640
M897804		3.30	17.45	0.14	1.5	0.045	2.92	25.2	25.6	0.27	1060	1.58	1.04	8.7	3.8	630
M897805		3.33	17.85	0.15	1.6	0.051	2.97	30.3	43.0	0.21	1770	2.66	0.55	9.1	4.2	740
M897806		3.23	15.50	0.15	1.3	0.050	2.08	28.4	71.3	0.16	4400	10.45	<0.01	7.2	3.7	510
M897807		3.80	16.10	0.14	1.3	0.051	2.19	33.8	51.9	0.16	4020	4.84	0.02	7.2	2.4	430
M897808		3.24	16.35	0.13	1.4	0.049	2.78	30.3	36.7	0.22	598	8.74	0.02	7.6	2.1	320
M897809		3.38	17.60	0.15	1.9	0.091	2.89	31.7	51.3	0.21	2140	2.56	0.35	9.1	5.9	790
M897810		3.28	18.55	0.17	2.4	0.051	2.23	33.5	113.0	0.16	1660	2.47	0.19	9.7	7.9	1070
M897811		3.02	17.70	0.17	1.7	0.050	2.90	34.4	145.0	0.17	2310	2.31	0.26	8.8	4.1	650
M897812		2.96	17.85	0.16	1.6	0.061	2.58	36.1	94.2	0.19	2080	2.11	0.37	8.5	4.1	620
M897813		3.05	17.30	0.17	1.6	0.046	2.83	30.2	42.5	0.36	1520	1.76	1.67	8.6	4.3	620
M897814		3.23	16.65	0.18	1.4	0.044	2.85	37.2	40.6	0.19	2670	2.27	1.00	7.8	4.2	560
M897815		3.18	18.35	0.18	1.5	0.046	2.91	28.8	32.6	0.23	2000	1.65	0.53	8.6	3.4	620
M897816		3.50	18.10	0.17	1.6	0.044	3.02	30.3	34.3	0.33	1010	1.49	0.58	8.9	4.0	640
M897817		3.57	17.05	0.17	1.3	0.041	2.83	33.3	50.3	0.26	5210	2.17	0.60	7.9	3.7	550
M897818		3.15	17.45	0.18	1.3	0.044	3.20	35.9	36.4	0.21	2280	2.13	0.42	8.3	4.3	580
M897819		3.08	16.80	0.17	1.4	0.044	2.89	27.7	18.6	0.41	874	1.37	1.69	8.8	4.4	650
M897820		3.27	16.90	0.18	1.3	0.047	2.70	26.7	17.8	0.55	1020	1.20	1.76	8.9	5.8	630
M897821		3.28	18.70	0.19	1.6	0.057	2.90	29.1	28.0	0.34	753	1.92	0.90	9.4	4.3	660
M897822		3.30	17.85	0.15	1.5	0.046	2.75	24.5	28.7	0.23	858	1.54	0.58	9.4	4.9	650
M897823		3.26	17.70	0.17	1.6	0.049	2.88	22.4	30.3	0.36	1020	1.24	0.69	9.3	4.5	650
M897824		3.12	16.85	0.17	1.4	0.046	2.65	24.4	24.6	0.38	819	1.35	1.21	8.5	4.2	610
M897825		3.32	17.80	0.19	1.4	0.059	2.82	32.0	23.8	0.41	1580	1.71	1.04	8.7	5.1	630
M897826		6.66	13.70	0.17	0.9	1.720	2.53	26.6	25.4	0.89	1860	13.50	0.03	6.0	15.6	440
M897827		3.05	16.80	0.15	1.5	0.043	2.56	27.8	28.1	0.62	788	1.30	1.72	8.9	5.1	640
M897828		3.10	16.75	0.17	1.5	0.044	2.59	32.3	28.1	0.36	966	1.67	1.14	8.8	6.2	610
M897829		2.87	18.80	0.07	1.8	0.044	2.57	31.9	30.6	0.31	927	1.68	0.94	9.8	5.2	610
M897830		2.84	16.95	0.06	1.5	0.047	2.53	29.4	28.7	0.33	1560	1.52	1.06	8.9	4.7	590
M897831		3.23	18.50	0.08	1.5	0.047	2.92	25.9	32.2	0.46	873	1.66	1.05	9.1	3.8	640
M897832		0.48	0.48	0.16	<0.1	<0.005	0.07	0.6	2.0	13.25	224	0.17	0.01	0.4	<0.2	180
M897833		2.80	14.80	<0.05	1.3	0.042	2.39	20.9	87.4	0.15	5080	1.83	0.07	6.9	3.4	450
M897834		2.88	17.80	0.09	1.6	0.045	2.41	31.4	156.0	0.17	1120	1.30	0.22	9.4	4.1	620
M897835		3.09	17.55	0.09	1.6	0.051	3.00	30.7	37.0	0.36	910	1.57	1.41	9.2	5.5	620
M897836		3.02	16.70	0.09	1.5	0.047	2.78	23.6	14.0	0.61	694	1.44	2.21	8.9	3.7	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897801		19.9	113.5	<0.002	0.02	21.7	13.3	1	1.8	105.0	0.73	<0.05	15.6	0.297	1.43	3.4
M897802		21.7	115.0	<0.002	0.02	9.41	12.2	1	1.8	310	0.76	<0.05	16.2	0.287	1.34	3.0
M897803		25.8	109.5	<0.002	0.01	6.37	11.0	1	1.6	336	0.70	<0.05	14.9	0.279	1.24	2.3
M897804		30.3	129.0	<0.002	0.01	16.30	12.1	1	1.7	141.5	0.71	<0.05	14.8	0.274	1.48	3.1
M897805		384	143.0	<0.002	0.02	72.1	13.3	1	2.5	110.5	0.73	<0.05	15.7	0.297	1.90	4.0
M897806		665	104.5	<0.002	0.18	90.2	10.6	1	4.2	194.5	0.60	<0.05	14.1	0.229	1.88	5.4
M897807		3120	107.5	<0.002	0.29	536	10.8	1	12.3	255	0.61	<0.05	13.8	0.227	2.10	6.2
M897808		338	144.0	<0.002	0.29	134.0	10.7	1	5.3	178.5	0.65	<0.05	14.0	0.233	2.46	3.9
M897809		66.7	135.5	<0.002	0.04	30.6	11.7	1	1.9	192.0	0.74	<0.05	15.0	0.306	1.96	3.7
M897810		44.5	105.5	<0.002	0.03	33.4	11.7	2	1.8	391	0.69	0.05	13.4	0.349	1.49	4.4
M897811		40.9	135.0	<0.002	0.02	22.4	12.3	1	2.0	123.0	0.78	0.06	16.4	0.274	1.85	4.7
M897812		40.4	121.0	<0.002	0.03	21.9	12.3	1	2.2	151.5	0.71	0.05	15.7	0.267	1.69	4.3
M897813		34.8	120.0	<0.002	0.01	10.55	10.9	1	2.0	274	0.70	<0.05	15.0	0.272	1.54	2.5
M897814		34.9	128.0	<0.002	0.06	26.5	12.0	1	1.8	188.5	0.60	<0.05	15.5	0.248	1.89	3.5
M897815		25.0	130.0	<0.002	0.01	18.90	13.1	1	1.9	92.7	0.67	<0.05	16.5	0.278	1.74	3.4
M897816		22.2	133.0	<0.002	0.02	17.15	12.8	2	1.9	126.5	0.74	<0.05	17.1	0.280	1.63	3.4
M897817		37.9	130.5	<0.002	0.13	23.9	11.7	1	1.8	151.0	0.64	<0.05	14.8	0.251	1.90	4.0
M897818		26.4	151.0	<0.002	0.02	24.7	12.7	1	1.8	116.5	0.67	<0.05	15.0	0.269	2.23	4.2
M897819		18.8	122.5	<0.002	0.01	8.72	11.3	1	1.8	265	0.72	<0.05	14.7	0.279	1.46	2.8
M897820		19.4	111.0	<0.002	<0.01	6.36	11.5	1	2.0	269	0.68	<0.05	14.3	0.295	1.30	2.7
M897821		19.4	130.0	<0.002	<0.01	11.60	12.8	1	2.0	123.0	0.77	<0.05	16.6	0.292	1.41	3.0
M897822		17.0	121.0	<0.002	0.01	22.2	12.6	1	2.0	117.0	0.74	<0.05	14.7	0.297	1.27	2.7
M897823		20.2	126.5	<0.002	0.01	10.75	12.0	1	1.9	111.5	0.76	<0.05	14.4	0.293	1.45	2.7
M897824		16.9	109.0	<0.002	0.01	14.25	11.2	1	2.2	205	0.72	<0.05	13.3	0.269	1.24	2.5
M897825		21.0	127.0	<0.002	0.01	15.85	12.3	2	2.0	165.5	0.70	<0.05	15.0	0.280	1.49	3.6
M897826		2780	147.5	0.002	4.89	88.8	8.4	2	7.8	92.1	0.47	0.37	11.0	0.178	2.28	5.2
M897827		17.5	104.5	<0.002	0.01	10.30	10.9	1	2.3	320	0.71	<0.05	12.9	0.288	1.21	2.4
M897828		23.8	115.5	<0.002	0.01	15.20	11.3	2	1.8	194.5	0.72	<0.05	14.5	0.277	1.34	3.0
M897829		26.6	145.0	<0.002	0.01	14.45	12.5	2	2.0	142.0	0.85	<0.05	17.2	0.275	1.43	3.4
M897830		21.6	142.0	<0.002	0.01	19.30	11.5	1	2.3	180.0	0.76	<0.05	15.3	0.262	1.47	3.2
M897831		21.5	147.5	<0.002	<0.01	11.50	12.3	1	2.1	168.0	0.79	<0.05	16.2	0.295	1.53	2.8
M897832		1.4	5.7	<0.002	0.01	0.08	0.6	1	<0.2	45.2	<0.05	<0.05	0.2	0.006	0.04	0.9
M897833		22.5	136.0	<0.002	0.11	44.7	9.5	1	1.9	123.0	0.65	<0.05	11.8	0.207	2.18	3.5
M897834		17.9	133.5	<0.002	0.04	23.1	12.2	2	2.1	150.5	0.84	<0.05	16.5	0.284	2.02	3.7
M897835		20.5	163.0	<0.002	0.01	12.95	12.0	2	2.2	224	0.84	<0.05	16.2	0.281	1.73	3.3
M897836		18.1	140.0	<0.002	0.01	3.30	10.8	1	2.6	300	0.80	<0.05	14.5	0.264	1.47	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158983

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M897801		78	3.4	20.9	93	43.5	
M897802		80	2.2	18.7	94	45.5	
M897803		74	2.0	15.6	188	38.9	
M897804		72	3.6	16.7	415	40.4	
M897805		79	4.2	15.0	674	42.5	
M897806		62	4.8	17.6	1970	33.7	
M897807		62	4.9	19.2	1720	34.2	452
M897808		63	3.5	9.6	910	36.7	
M897809		78	4.6	15.4	400	55.7	
M897810		81	3.5	18.1	340	86.6	
M897811		72	3.0	18.1	212	42.7	
M897812		71	3.4	19.7	147	42.1	
M897813		71	2.5	15.2	111	40.0	
M897814		70	2.1	19.9	107	35.6	
M897815		75	2.0	18.5	88	39.8	
M897816		75	1.7	19.2	100	41.1	
M897817		70	1.8	19.4	153	33.9	
M897818		73	2.0	18.1	76	34.8	
M897819		72	1.3	13.9	66	35.4	
M897820		76	1.5	13.6	61	32.4	
M897821		76	2.6	15.9	58	40.4	
M897822		78	2.9	14.0	60	37.2	
M897823		78	2.6	13.8	58	40.2	
M897824		71	2.4	12.8	63	35.3	
M897825		75	2.8	15.8	76	37.2	
M897826		55	5.0	9.9	5260	25.0	
M897827		71	3.2	14.5	60	38.0	
M897828		73	2.5	16.5	69	41.9	
M897829		70	2.6	20.3	63	49.9	
M897830		67	2.7	18.5	66	40.7	
M897831		79	2.0	17.9	59	41.8	
M897832		3	0.1	0.9	15	0.6	
M897833		59	3.3	16.6	77	35.8	
M897834		73	3.1	21.4	57	46.5	
M897835		73	2.6	18.0	54	44.6	
M897836		69	2.0	14.7	54	40.1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158983

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE WH12158984

Project: Klaza TR-12-35

P.O. No.: Batch 3

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

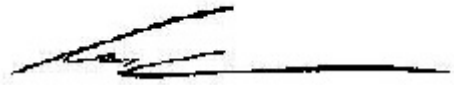
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158984

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897837		2.81	<0.005	0.25	8.26	56.0	2220	1.86	0.77	0.47	0.20	53.7	8.2	11	23.1	20.6
M897838		3.78	0.007	0.33	8.02	45.4	1670	1.89	0.75	0.67	0.27	62.8	7.9	15	16.90	34.3
M897839		4.94	<0.005	0.16	7.97	18.2	2170	1.67	12.40	0.91	0.28	54.9	7.8	14	6.95	17.7
M897840		5.09	<0.005	0.25	8.00	24.3	2000	1.80	1.17	1.12	0.25	56.1	7.3	17	6.27	19.0
M897841		0.48	2.34	25.7	6.29	3510	1600	1.49	18.20	2.26	78.7	44.0	10.9	19	14.85	444
M897842		5.39	<0.005	0.22	7.85	13.4	1980	1.87	1.77	1.39	0.21	48.6	7.7	15	5.96	28.8
M897843		3.98	0.044	1.23	7.54	48.1	1660	1.57	3.70	0.82	0.74	54.5	9.0	18	9.87	37.7
M897844		3.30	0.014	0.48	7.72	35.4	1830	1.63	1.43	0.42	0.96	47.7	8.8	18	13.80	33.8
M897845		4.55	0.007	0.20	8.08	14.7	2230	1.76	2.68	1.19	0.33	48.9	8.4	14	6.19	31.6
M897846		3.38	<0.005	0.01	0.11	<5	20	0.06	0.04	20.5	0.06	1.22	1.4	2	0.22	1.8
M897847		2.36	<0.005	0.28	8.76	40.4	2440	1.54	0.95	0.45	0.35	50.2	9.2	14	14.45	36.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897837		3.56	17.75	0.12	1.6	0.047	3.73	28.8	15.6	0.18	1020	2.44	0.87	9.6	4.6	660
M897838		3.29	18.10	0.13	1.7	0.070	3.30	32.6	15.5	0.28	1390	2.21	0.96	9.2	6.3	660
M897839		3.01	17.30	0.10	1.6	0.048	2.94	24.6	16.4	0.44	774	1.83	1.81	9.2	4.5	600
M897840		2.95	17.90	0.13	1.6	0.059	3.07	28.2	14.7	0.57	850	1.84	1.97	9.0	4.7	580
M897841		6.88	14.80	0.15	0.9	1.890	2.69	23.8	25.6	0.93	1940	13.35	0.04	6.5	16.5	460
M897842		3.20	18.70	0.10	1.5	0.062	2.63	22.6	15.7	0.74	661	1.74	2.35	9.9	4.7	630
M897843		3.58	16.85	0.11	1.4	0.181	2.32	23.3	21.9	0.54	1500	1.67	1.30	8.9	6.9	620
M897844		3.03	18.90	0.10	1.5	0.101	2.35	17.4	27.9	0.47	1020	1.74	0.66	9.9	5.5	630
M897845		3.16	18.05	0.11	1.4	0.066	2.78	23.1	14.6	0.69	731	1.53	2.31	9.7	4.5	640
M897846		0.46	0.33	0.14	<0.1	0.006	0.04	0.6	1.4	12.50	216	0.16	0.01	0.4	1.6	170
M897847		3.88	20.1	0.12	1.5	0.049	2.80	18.8	20.3	0.27	946	3.45	0.84	9.8	6.0	710

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897837		20.5	199.0	<0.002	0.01	11.35	12.8	2	2.6	117.5	0.73	<0.05	17.1	0.271	2.48	4.0
M897838		20.6	182.5	<0.002	0.01	12.00	13.0	2	2.2	138.5	0.72	<0.05	16.4	0.269	2.19	3.8
M897839		20.3	148.0	<0.002	0.01	7.57	11.5	1	2.3	223	0.73	<0.05	14.8	0.250	1.33	3.1
M897840		18.2	156.5	<0.002	0.01	5.10	12.0	1	2.3	256	0.72	<0.05	15.2	0.249	1.42	3.1
M897841		2750	168.5	0.002	4.84	92.6	9.1	2	8.7	99.3	0.45	0.39	10.2	0.178	2.22	5.3
M897842		19.0	129.5	<0.002	0.02	4.22	12.7	1	3.6	319	0.73	<0.05	12.9	0.267	1.29	2.6
M897843		141.5	125.5	<0.002	0.01	38.0	12.5	1	5.0	181.5	0.67	0.06	13.5	0.283	1.52	3.3
M897844		160.5	131.5	<0.002	<0.01	15.05	14.4	2	2.9	94.4	0.71	<0.05	14.1	0.274	1.50	3.0
M897845		44.9	141.0	<0.002	0.01	5.17	13.0	1	3.0	294	0.69	<0.05	13.3	0.275	1.35	2.6
M897846		1.7	1.7	<0.002	0.01	0.13	0.5	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M897847		21.3	131.5	<0.002	<0.01	14.80	14.8	2	2.4	120.5	0.70	<0.05	14.9	0.291	1.36	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza TR-12-35

CERTIFICATE OF ANALYSIS WH12158984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897837		76	2.1	19.2	58	45.9
M897838		75	2.5	18.0	62	46.2
M897839		67	15.9	14.4	61	47.2
M897840		69	2.3	12.7	58	46.3
M897841		58	4.7	10.3	5120	27.1
M897842		75	2.2	13.1	57	44.4
M897843		79	3.8	15.0	125	40.7
M897844		71	2.5	15.1	375	46.5
M897845		76	2.7	13.0	106	39.4
M897846		3	<0.1	0.9	14	0.5
M897847		83	4.7	18.6	77	45.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-35

Finalized Date: 27-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12158984

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159038

Project: Klaza - 74B

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159038

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895309		10.61	<0.005	0.11	6.43	5.7	1220	1.43	2.99	3.29	0.11	37.7	8.4	11	10.90	2.6
M895310		5.45	<0.005	2.04	6.95	6.7	1780	1.28	16.80	3.00	0.49	47.2	8.1	11	10.85	3.6
M895311		4.34	<0.005	0.19	8.11	5.0	1930	1.42	1.13	1.34	0.29	48.7	7.0	9	11.85	4.1
M895312		4.50	<0.005	0.37	6.72	6.0	1900	1.21	1.94	2.72	0.37	37.9	7.6	8	10.85	2.7
M895313		6.60	<0.005	1.87	6.51	10.0	2340	1.45	4.88	2.96	1.77	40.5	7.7	9	11.70	3.9
M895314		0.23	2.35	23.8	5.84	3250	1270	1.42	19.00	2.21	75.4	41.5	9.9	19	13.45	438
M895315		10.32	0.005	2.14	6.70	8.6	1500	1.42	7.04	2.61	0.19	35.6	7.8	9	10.35	2.0
M895316		9.21	0.005	0.76	6.53	12.5	1470	1.49	1.86	3.09	2.24	38.6	7.7	8	11.15	6.9
M895317		6.05	<0.005	0.86	6.73	10.4	590	1.19	3.96	3.32	1.01	40.2	6.4	7	9.15	2.9
M895318		3.21	<0.005	0.06	0.16	<5	30	0.09	0.05	20.7	0.06	1.16	0.8	3	0.70	2.5
M895319		7.83	<0.005	0.16	6.38	5.2	2860	1.20	0.74	2.79	0.13	38.3	6.3	9	7.94	2.1
M895320		8.46	<0.005	0.22	7.39	13.4	840	1.44	0.86	4.01	0.12	47.7	7.8	9	13.15	2.5
M895321		9.40	<0.005	0.16	7.00	4.6	2060	1.13	1.07	3.52	0.09	42.5	7.4	11	8.69	2.2
M895322		9.98	<0.005	0.12	6.81	6.0	1440	1.33	0.92	3.06	0.10	44.2	7.7	9	10.30	1.4
M895323		11.42	<0.005	0.39	6.46	9.8	1530	1.31	1.69	3.51	0.13	38.6	7.9	11	8.12	1.1
M895324		6.05	0.006	0.25	7.27	10.3	1260	1.43	0.59	4.29	0.16	37.0	8.3	9	14.35	4.4
M895325		2.13	<0.005	0.06	0.11	6	20	0.08	0.04	21.2	0.05	1.15	0.9	2	0.31	3.0
M895326		10.27	<0.005	0.16	6.67	9.7	1650	1.47	0.27	3.13	0.09	31.8	7.3	11	9.36	5.7
M895327		5.63	<0.005	0.21	6.93	13.5	1430	1.25	0.86	4.00	0.16	39.8	8.0	9	13.05	1.8
M895328		11.34	<0.005	0.65	6.52	5.8	1420	1.47	1.87	3.04	1.30	37.7	7.4	12	9.61	2.6
M895329		10.95	<0.005	0.18	7.38	4.4	1950	1.63	0.28	2.42	0.85	42.7	8.3	11	12.95	4.8
M895330		0.23	2.33	25.9	6.05	3430	1240	1.36	18.40	2.29	79.1	43.4	10.1	20	13.80	459
M895331		11.06	<0.005	0.14	7.60	5.3	2380	1.74	0.21	3.06	0.16	44.4	8.5	11	11.60	5.2
M895332		9.16	<0.005	0.33	6.98	9.1	1400	1.36	0.59	3.36	0.20	42.5	7.3	11	10.70	4.8
M895333		2.90	<0.005	0.18	7.01	6.7	1300	1.57	0.40	3.35	0.10	45.3	8.0	10	11.05	5.5
M895334		8.27	<0.005	0.16	6.61	5.8	1560	1.44	0.60	3.78	0.08	39.5	7.6	12	9.09	3.3
M895335		6.13	<0.005	0.06	6.82	7.3	910	1.62	3.96	4.22	0.28	39.6	7.9	9	16.90	0.8
M895336		6.16	<0.005	0.08	6.54	6.0	1160	1.54	2.95	3.38	0.18	41.3	7.7	11	14.35	0.8
M895337		6.79	<0.005	0.02	7.02	4.8	2670	1.68	1.81	3.41	0.16	42.6	7.9	9	11.00	0.8
M895338		<0.02	<0.005	0.06	7.09	4.9	3150	1.58	1.98	3.58	0.17	46.9	8.4	10	11.70	0.7
M895339		9.91	<0.005	0.06	6.96	6.4	1490	1.43	1.29	3.78	0.14	39.4	7.7	9	9.43	1.0
M895340		5.65	<0.005	0.11	7.12	17.0	1470	1.50	1.39	3.05	0.12	39.5	8.8	11	11.70	0.8
M895341		6.46	<0.005	0.09	7.06	3.0	1790	1.44	0.73	3.38	0.11	38.7	7.8	12	8.69	0.7
M895342		9.85	<0.005	0.07	6.49	6.2	950	1.54	1.77	3.62	0.16	36.0	7.1	14	14.15	0.9
M895343		11.97	<0.005	0.13	6.67	7.6	1170	1.65	1.51	2.93	0.20	34.9	7.4	10	10.10	1.6
M895344		7.63	<0.005	0.14	6.76	6.5	1140	1.56	1.33	2.89	0.20	36.1	7.5	11	9.81	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159038

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895309		3.08	15.20	0.14	1.1	0.048	1.98	17.1	17.0	0.80	1570	0.20	1.55	8.3	2.9	620
M895310		2.81	13.30	0.16	1.0	0.035	1.91	23.4	21.9	0.97	1360	0.19	1.37	7.8	2.8	620
M895311		2.82	16.05	0.16	1.2	0.039	2.21	23.6	30.7	0.53	931	0.25	0.06	8.5	2.5	670
M895312		3.13	15.00	0.13	1.0	0.040	1.94	18.0	28.0	0.78	1440	0.08	0.51	6.7	2.4	600
M895313		3.05	15.10	0.12	1.0	0.056	2.33	19.2	19.5	0.94	1660	0.13	0.84	6.7	2.4	580
M895314		6.80	13.45	0.14	0.9	1.395	2.64	21.6	22.7	0.91	1840	11.80	0.05	5.1	14.6	430
M895315		3.08	14.80	0.11	1.0	0.043	1.85	17.3	38.8	0.79	1440	0.11	0.99	7.0	2.5	610
M895316		3.05	14.85	0.13	1.0	0.082	2.23	17.1	28.7	0.85	1720	0.10	0.90	6.5	2.4	540
M895317		2.61	13.80	0.14	0.8	0.049	1.85	21.5	39.9	0.92	1540	0.05	0.09	4.9	1.9	450
M895318		0.51	0.36	0.13	<0.1	0.010	0.07	0.6	1.9	12.95	221	<0.05	0.01	0.2	2.2	150
M895319		2.65	13.45	0.16	0.9	0.036	1.92	18.4	16.3	0.74	1480	0.09	1.74	6.0	2.1	540
M895320		3.79	14.25	0.14	0.9	0.078	2.72	26.0	23.4	1.21	2370	0.18	0.24	6.8	2.9	620
M895321		3.32	12.65	0.14	0.8	0.048	2.03	22.2	20.8	1.14	1860	0.19	1.15	6.4	2.9	610
M895322		3.26	13.90	0.14	0.8	0.069	1.88	22.8	21.4	0.77	1730	0.17	1.29	6.8	2.8	590
M895323		3.09	14.50	0.15	0.9	0.049	2.02	19.3	25.0	1.08	2000	0.08	1.45	6.7	2.4	590
M895324		3.47	17.20	0.14	1.0	0.066	2.80	16.1	24.7	1.06	2000	0.12	0.78	6.9	2.5	670
M895325		0.50	0.27	0.13	<0.1	0.007	0.04	0.5	1.2	13.25	227	0.12	0.02	0.1	2.2	190
M895326		3.14	14.85	0.16	0.9	0.039	2.09	14.2	14.5	0.74	1160	0.17	1.74	6.7	2.5	610
M895327		3.30	14.15	0.15	0.8	0.079	1.96	20.7	29.5	1.17	2400	0.09	0.84	6.7	2.6	640
M895328		3.05	15.20	0.15	0.9	0.093	1.88	16.6	16.9	0.78	2070	0.11	1.68	6.5	2.4	580
M895329		3.34	16.75	0.14	1.1	0.041	2.47	20.6	15.9	0.86	1060	0.27	2.20	7.4	2.9	650
M895330		7.06	13.70	0.12	0.9	1.410	2.75	22.8	23.7	0.94	1910	12.75	0.05	5.3	15.0	440
M895331		3.31	16.80	0.14	1.2	0.036	2.44	21.2	13.5	0.93	865	0.43	2.40	7.7	2.6	640
M895332		3.06	15.20	0.13	1.1	0.041	2.30	20.6	18.4	0.82	1340	0.19	1.45	7.2	2.5	590
M895333		3.12	15.80	0.14	1.2	0.039	2.28	20.6	18.2	0.81	1260	0.22	1.59	7.5	2.8	620
M895334		3.04	15.20	0.14	1.0	0.038	1.79	20.5	21.4	0.91	1320	0.16	1.71	7.0	2.5	590
M895335		3.21	19.55	0.14	1.0	0.056	1.59	18.0	33.0	0.89	1860	<0.05	1.54	7.2	2.6	600
M895336		2.81	14.95	0.13	1.0	0.064	1.36	19.1	30.0	0.97	1880	0.11	1.88	6.7	2.8	600
M895337		2.95	15.00	0.13	1.1	0.043	1.45	19.1	16.8	0.96	1780	0.10	2.22	7.0	2.6	600
M895338		3.01	15.45	0.14	1.1	0.045	1.49	21.9	18.2	0.98	1830	0.12	2.24	7.3	2.8	610
M895339		3.12	14.95	0.14	1.0	0.036	1.66	17.7	17.5	0.88	1680	0.08	2.21	6.9	2.5	640
M895340		3.03	16.15	0.14	0.9	0.034	1.74	17.7	25.7	0.92	1500	0.13	2.11	7.0	3.7	630
M895341		3.15	14.85	0.13	1.2	0.029	1.86	18.9	13.0	0.93	1360	0.08	2.33	7.1	2.5	640
M895342		2.83	15.95	0.14	1.1	0.039	1.70	15.8	22.7	0.60	1250	0.13	1.60	6.8	4.6	590
M895343		3.00	15.80	0.14	1.0	0.033	2.10	14.9	19.4	0.84	1270	0.06	1.37	7.0	2.5	620
M895344		2.91	15.80	0.13	1.0	0.034	2.06	15.9	18.3	0.84	1240	0.08	1.45	6.9	3.4	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159038

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895309		20.5	72.7	<0.002	0.03	6.47	9.6	1	1.7	244	0.66	<0.05	9.7	0.279	1.37	2.7
M895310		40.5	85.0	<0.002	0.08	3.88	10.0	1	1.5	228	0.63	0.38	11.8	0.269	1.28	2.8
M895311		28.3	81.7	<0.002	0.04	9.54	10.7	1	1.7	135.0	0.71	<0.05	15.1	0.288	1.24	1.8
M895312		49.8	57.9	<0.002	0.11	6.41	9.9	1	1.5	176.0	0.60	<0.05	9.6	0.271	1.26	1.7
M895313		123.5	83.6	<0.002	0.28	5.13	10.1	1	1.8	182.0	0.57	0.09	9.5	0.261	1.56	2.7
M895314		2820	152.0	0.002	4.83	88.5	7.7	1	7.6	87.9	0.43	0.29	9.9	0.179	2.34	4.8
M895315		23.3	63.5	<0.002	0.14	5.31	10.3	1	1.8	197.5	0.61	0.20	8.8	0.274	1.19	1.6
M895316		107.0	75.5	<0.002	0.25	4.84	9.3	1	1.8	207	0.54	0.07	8.7	0.250	1.37	2.6
M895317		65.8	62.7	<0.002	0.23	4.76	7.5	<1	1.8	161.0	0.46	<0.05	9.2	0.200	1.11	1.6
M895318		1.7	3.6	<0.002	0.01	0.05	0.4	<1	0.2	42.3	<0.05	<0.05	<0.2	0.005	0.03	0.4
M895319		16.7	70.0	<0.002	0.09	3.08	8.9	1	1.4	228	0.53	<0.05	8.9	0.236	1.15	1.9
M895320		17.4	147.0	0.002	0.47	5.01	10.8	1	2.1	163.0	0.53	<0.05	12.0	0.271	1.85	3.3
M895321		16.1	95.8	0.002	0.07	3.70	10.1	<1	1.2	192.5	0.54	<0.05	11.4	0.270	1.26	3.1
M895322		20.9	96.4	0.002	0.27	3.28	10.4	<1	1.5	223	0.53	<0.05	11.2	0.254	1.21	4.8
M895323		12.7	77.6	<0.002	0.17	3.26	10.0	1	1.6	163.5	0.55	<0.05	8.8	0.270	1.28	3.5
M895324		17.1	84.0	<0.002	0.31	4.85	10.2	<1	1.8	207	0.56	<0.05	8.1	0.294	1.80	2.6
M895325		1.4	1.8	<0.002	0.01	0.06	0.3	<1	0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M895326		14.7	72.8	<0.002	0.08	3.54	9.8	<1	1.7	272	0.56	<0.05	8.1	0.279	1.27	2.3
M895327		15.5	76.7	<0.002	0.21	5.88	10.5	<1	1.7	201	0.54	<0.05	9.0	0.280	1.38	3.1
M895328		62.1	74.2	<0.002	0.08	3.65	9.9	1	1.6	263	0.52	0.09	8.6	0.265	1.17	2.2
M895329		53.0	75.6	<0.002	0.04	2.61	11.3	1	1.7	440	0.62	<0.05	10.4	0.289	1.12	3.0
M895330		2940	152.0	0.003	5.00	88.1	7.9	1	7.7	90.5	0.45	0.33	9.6	0.185	2.34	5.0
M895331		20.5	85.0	<0.002	0.04	2.54	11.5	1	1.6	425	0.66	<0.05	11.2	0.294	1.07	3.9
M895332		19.4	94.3	<0.002	0.14	3.97	10.4	1	1.5	242	0.63	0.05	10.6	0.272	1.52	4.0
M895333		15.6	92.9	0.002	0.09	4.00	10.9	1	1.7	248	0.65	<0.05	10.6	0.274	1.53	3.8
M895334		18.6	63.2	<0.002	0.06	4.65	10.0	<1	1.4	261	0.60	<0.05	9.7	0.274	1.15	3.4
M895335		33.2	53.0	<0.002	0.02	9.68	10.6	<1	1.7	412	0.61	<0.05	9.6	0.283	1.03	3.4
M895336		22.9	50.8	<0.002	0.02	8.83	10.3	1	1.5	330	0.60	<0.05	9.9	0.270	0.89	2.9
M895337		22.2	50.3	<0.002	0.06	6.03	10.4	1	1.5	406	0.64	<0.05	11.1	0.271	0.85	2.9
M895338		23.2	55.9	<0.002	0.07	6.36	11.3	2	1.6	422	0.62	<0.05	10.9	0.278	0.81	2.8
M895339		20.2	55.2	<0.002	0.04	4.25	10.3	1	1.5	338	0.59	<0.05	9.4	0.281	0.95	2.8
M895340		21.7	64.5	<0.002	0.05	6.63	10.8	1	1.5	321	0.59	<0.05	9.2	0.289	1.20	3.3
M895341		20.9	62.1	<0.002	0.03	3.01	10.7	1	1.5	303	0.66	<0.05	9.9	0.284	0.95	3.2
M895342		24.9	54.7	<0.002	0.01	6.68	9.8	1	1.6	301	0.57	<0.05	9.1	0.265	0.93	3.3
M895343		22.0	60.5	0.002	0.01	4.76	9.8	1	1.5	203	0.57	<0.05	8.4	0.281	1.05	2.7
M895344		21.4	67.7	<0.002	0.01	4.44	10.3	1	1.4	203	0.57	<0.05	9.3	0.275	1.03	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159038

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895309		81	1.9	11.5	198	24.7
M895310		69	1.5	11.6	191	23.5
M895311		79	2.7	13.6	129	27.2
M895312		75	1.6	10.4	190	20.7
M895313		72	1.4	10.6	294	20.5
M895314		56	5.1	8.6	5400	20.8
M895315		76	1.5	9.4	196	20.6
M895316		71	1.2	9.6	398	21.2
M895317		66	1.3	9.3	247	16.3
M895318		3	0.1	0.7	15	<0.5
M895319		66	1.2	8.8	199	18.9
M895320		77	2.0	13.5	181	22.2
M895321		73	1.8	11.5	198	19.8
M895322		73	2.1	12.6	161	20.4
M895323		69	2.8	10.3	187	19.9
M895324		94	2.0	10.7	151	20.9
M895325		2	0.1	0.7	13	<0.5
M895326		78	1.2	9.4	109	19.4
M895327		74	2.1	10.9	280	18.1
M895328		74	1.7	9.5	393	19.5
M895329		83	1.0	13.0	224	22.5
M895330		58	4.9	8.7	5620	22.8
M895331		84	0.7	13.8	86	24.6
M895332		77	1.0	11.5	106	22.9
M895333		76	0.9	11.8	97	26.5
M895334		74	1.2	10.8	142	21.8
M895335		101	2.4	12.7	301	20.4
M895336		73	1.9	11.7	305	21.4
M895337		71	1.9	12.7	305	21.8
M895338		72	1.9	14.1	308	23.9
M895339		81	2.0	11.3	271	20.1
M895340		77	2.0	11.9	266	18.8
M895341		76	1.8	11.9	223	23.5
M895342		82	2.7	11.2	200	22.9
M895343		78	2.2	9.7	254	21.4
M895344		75	2.3	10.1	246	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159038

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159039

Project: Klaza - 74B

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

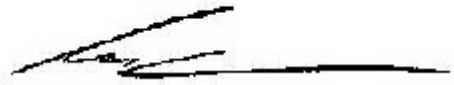
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159039

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895345		11.14	<0.005	3.87	6.59	3.9	1920	1.30	7.66	3.22	0.11	34.8	8.3	18	8.30	4.6
M895346		6.59	<0.005	0.19	6.78	3.8	2280	1.51	1.16	2.87	0.13	36.5	8.3	17	9.11	5.0
M895347		5.23	<0.005	0.87	8.43	8.4	3620	1.86	3.43	5.56	0.55	40.3	9.4	16	15.65	2.8
M895348		7.81	<0.005	0.07	6.31	15.6	2120	1.29	0.84	3.86	0.09	31.0	9.0	14	8.55	2.4
M895349		5.11	<0.005	<0.01	8.40	9.2	2460	2.10	3.15	3.87	0.13	35.7	7.5	24	23.0	<0.2
M895350		9.36	<0.005	0.06	6.97	4.8	1560	1.44	0.61	3.17	0.09	34.2	8.8	19	9.74	1.5
M895351		7.12	<0.005	0.12	6.88	15.9	2810	1.40	0.72	3.41	0.10	35.9	8.8	23	9.36	4.7
M895352		6.26	<0.005	0.02	6.29	7.6	1690	1.32	0.52	3.08	0.08	30.5	8.4	18	8.47	1.6
M895353		0.24	0.812	10.00	6.59	1685	1730	1.38	6.20	1.88	40.2	41.4	17.0	21	15.25	106.5
M895354		5.66	<0.005	0.16	6.30	34.2	1370	1.18	0.36	3.31	0.18	33.4	8.5	19	12.25	6.1
M895355		4.84	<0.005	0.04	6.42	4.0	3160	1.14	1.09	3.78	0.14	33.5	7.7	18	14.65	8.5
M895356		4.95	<0.005	0.04	6.83	4.2	3360	1.13	0.78	3.76	0.14	37.4	8.9	18	13.65	7.8
M895357		6.05	<0.005	0.03	6.23	3.3	2760	1.01	0.47	3.80	0.13	30.7	9.0	23	12.55	9.4
M895358		6.44	<0.005	0.10	6.98	5.9	1720	1.33	0.36	3.44	0.37	34.5	8.8	11	19.30	5.8
M895359		6.72	<0.005	0.08	6.96	8.6	1810	1.31	0.20	3.38	0.72	34.7	7.9	15	17.05	4.2
M895360		7.38	<0.005	13.85	6.54	12.4	2220	1.44	27.7	3.00	0.32	33.1	8.3	10	18.95	48.7
M895361		1.22	<0.005	0.02	0.11	<5	30	0.07	0.08	20.5	0.06	1.28	1.4	2	0.25	3.0
M895362		7.36	<0.005	0.06	6.67	4.2	1260	1.41	1.22	3.45	0.09	34.3	8.3	12	17.55	11.2
M895363		6.92	<0.005	0.05	6.56	2.2	4320	1.28	1.31	3.27	0.09	29.2	7.4	16	11.80	3.5
M895364		7.58	<0.005	0.11	6.45	12.2	3050	1.21	0.86	3.59	0.12	29.1	9.1	10	13.90	13.4
M895365		4.90	<0.005	0.10	7.33	9.6	1480	1.67	0.58	3.24	0.08	43.4	8.3	14	18.05	2.2
M895366		5.82	<0.005	0.08	7.14	10.3	2880	1.45	0.77	3.89	0.12	47.7	8.4	16	10.85	0.6
M895367		4.74	<0.005	0.09	6.93	7.1	3320	1.33	0.89	4.20	0.13	47.3	8.1	13	11.15	7.9
M895368		5.14	<0.005	0.02	7.50	5.3	2600	1.46	1.13	3.48	0.11	45.5	7.0	20	13.35	2.7
M895369		3.90	<0.005	0.08	6.88	5.0	1460	1.51	0.37	3.17	0.16	33.9	5.9	13	10.50	1.1
M895370		<0.02	<0.005	0.08	6.71	5.0	1460	1.64	0.36	3.13	0.17	31.7	6.0	19	10.55	1.0
M895371		7.37	<0.005	0.22	6.74	9.2	2920	1.43	0.94	3.27	0.15	37.0	19.4	16	14.10	5.7
M895372		6.81	<0.005	0.06	6.75	6.9	3630	1.32	1.10	3.16	0.09	34.9	7.2	15	11.95	10.3
M895373		0.25	4.60	>100	5.47	7560	700	0.95	60.1	1.94	221	30.7	8.7	19	10.95	1225
M895374		8.07	<0.005	0.10	6.43	12.4	1710	1.24	0.40	3.37	0.14	31.6	8.7	19	8.57	4.4
M895375		4.04	<0.005	0.07	6.58	10.6	880	1.36	0.45	3.24	0.12	32.3	7.7	12	9.45	2.5
M895376		4.64	4.85	35.7	6.67	>10000	1820	1.16	27.1	2.02	30.3	39.6	9.8	13	12.20	1765
M895377		1.21	<0.005	0.02	0.11	<5	30	0.08	0.04	21.3	0.08	2.35	1.8	2	0.27	9.8
M895378		4.88	<0.005	0.02	7.03	11.7	1850	1.81	2.59	3.34	0.13	34.7	7.3	14	15.65	1.9
M895379		6.24	0.011	0.26	6.36	45.3	1260	1.16	0.68	3.74	0.74	33.9	8.0	20	9.68	14.5
M895380		4.02	<0.005	0.04	6.60	8.7	1380	1.29	0.28	2.91	0.08	33.5	7.5	18	8.83	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159039

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895345		2.95	15.35	0.16	1.0	0.036	2.08	16.9	15.1	0.73	1160	0.90	1.62	8.2	2.5	620
M895346		2.92	15.85	0.17	1.0	0.038	1.73	17.6	19.5	0.77	1340	0.95	1.66	8.4	2.6	630
M895347		4.30	25.8	0.20	1.3	0.098	2.48	19.0	28.4	0.90	2300	0.59	1.21	10.2	2.8	810
M895348		2.89	15.30	0.17	1.1	0.031	1.90	14.5	18.3	0.93	1240	0.69	1.42	8.5	2.4	640
M895349		4.16	28.0	0.20	1.1	0.069	2.84	16.3	44.5	0.65	1270	1.33	0.94	9.8	2.7	800
M895350		3.37	16.15	0.19	0.9	0.045	2.41	16.1	15.2	0.82	1370	1.09	1.45	8.4	2.6	690
M895351		3.09	15.35	0.18	0.9	0.040	2.03	17.6	17.0	0.81	1180	1.24	1.82	8.0	2.6	670
M895352		2.96	14.95	0.17	0.9	0.033	1.66	14.2	15.8	0.64	1180	1.14	1.92	8.5	2.3	630
M895353		5.20	15.90	0.22	1.2	0.916	2.68	22.3	25.7	0.68	1980	13.20	0.25	7.6	14.8	510
M895354		3.06	15.95	0.17	1.1	0.039	1.96	15.6	37.7	0.85	1320	1.27	0.96	8.5	2.4	600
M895355		3.00	17.55	0.18	1.2	0.050	2.41	15.7	24.9	0.73	1360	0.98	0.59	7.9	2.2	600
M895356		3.18	17.50	0.20	1.2	0.042	2.54	18.1	26.3	0.84	1480	1.05	0.65	8.7	2.4	670
M895357		3.08	14.75	0.18	1.1	0.031	2.17	14.6	24.5	1.10	1530	1.33	0.79	7.6	2.5	620
M895358		3.59	16.35	0.20	1.2	0.045	2.24	16.7	20.7	0.79	1380	0.49	0.99	8.0	2.3	650
M895359		3.45	16.80	0.19	1.2	0.054	2.11	16.8	19.4	0.79	1600	0.83	1.21	7.9	2.2	650
M895360		3.00	16.35	0.19	1.2	0.051	1.90	15.6	49.0	0.59	929	0.59	0.27	8.0	2.3	630
M895361		0.46	0.35	0.15	<0.1	0.005	0.03	0.7	1.1	12.55	204	0.15	0.01	0.5	2.0	180
M895362		3.05	16.55	0.21	1.2	0.045	2.26	16.3	33.2	0.68	1120	0.66	0.64	8.6	2.2	650
M895363		3.09	16.60	0.20	1.1	0.042	2.31	13.7	16.8	0.51	1080	0.76	1.43	7.6	2.1	610
M895364		3.06	15.45	0.17	1.1	0.040	2.37	14.1	33.0	0.61	1400	0.36	0.60	7.3	2.2	600
M895365		3.10	17.40	0.19	1.2	0.089	2.56	22.0	44.5	0.81	1290	0.43	0.46	7.9	2.7	630
M895366		3.54	15.10	0.21	1.1	0.039	2.45	24.7	43.0	0.96	1880	0.59	0.57	7.4	3.1	620
M895367		3.24	15.05	0.20	1.1	0.030	2.36	24.4	41.8	0.95	1470	0.47	0.56	7.5	3.5	590
M895368		3.31	19.00	0.06	0.9	0.072	2.76	22.9	27.1	0.69	1260	0.99	0.50	8.5	3.0	650
M895369		2.94	18.50	0.18	1.2	0.068	2.86	15.8	24.6	0.60	1180	0.54	0.44	8.2	2.3	680
M895370		2.94	19.80	0.19	1.2	0.074	2.89	15.2	24.5	0.58	1180	1.00	0.44	8.7	2.6	670
M895371		3.16	18.30	0.20	1.0	0.058	2.84	19.3	24.6	0.78	1280	2.12	0.20	7.1	2.3	610
M895372		3.08	16.60	0.20	1.2	0.037	2.17	17.2	20.6	0.55	985	0.89	1.47	7.6	2.4	620
M895373		8.07	13.45	0.25	1.0	4.60	2.19	15.5	29.0	0.61	3010	15.35	0.08	5.4	12.3	460
M895374		3.16	16.65	0.16	1.1	0.043	2.16	15.0	37.4	0.81	1080	0.99	1.36	7.7	2.5	630
M895375		3.08	17.30	0.19	1.0	0.039	2.20	15.1	42.7	0.71	1260	0.51	0.98	8.0	2.1	650
M895376		6.97	15.45	0.25	1.1	0.930	2.71	20.2	19.2	0.72	2080	1.30	0.07	7.3	2.3	590
M895377		0.48	0.39	<0.05	<0.1	0.009	0.04	1.2	1.6	12.70	224	0.13	0.01	0.3	<0.2	190
M895378		3.19	18.65	0.20	1.3	0.123	2.06	16.7	34.6	0.76	1330	0.76	1.47	7.8	2.0	610
M895379		2.97	15.90	0.19	1.3	0.052	2.49	16.8	25.6	0.97	1260	1.08	0.74	7.5	2.4	610
M895380		2.95	15.30	0.18	1.4	0.030	2.19	16.5	26.1	0.64	1000	1.07	1.66	8.0	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159039

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895345		49.5	75.4	<0.002	0.05	2.85	10.6	1	1.9	223	0.61	<0.05	9.3	0.272	0.91	3.3
M895346		22.8	66.3	<0.002	0.06	5.64	11.5	1	2.3	263	0.63	<0.05	10.4	0.279	0.86	2.8
M895347		80.3	84.3	<0.002	0.23	14.30	12.5	1	2.2	517	0.77	<0.05	10.1	0.346	1.50	3.9
M895348		15.5	59.2	<0.002	0.09	3.90	10.5	1	1.7	232	0.68	<0.05	7.8	0.276	0.86	2.3
M895349		29.3	103.5	<0.002	0.04	27.8	12.2	1	1.9	319	0.75	<0.05	9.9	0.346	1.80	3.5
M895350		15.4	98.9	<0.002	0.04	3.78	11.4	1	1.5	229	0.59	<0.05	9.8	0.295	1.31	3.1
M895351		15.3	78.4	<0.002	0.10	3.79	10.8	1	1.4	303	0.57	<0.05	10.0	0.281	1.05	2.6
M895352		16.8	55.7	<0.002	0.05	2.97	10.6	1	1.4	323	0.59	<0.05	8.4	0.278	0.78	2.5
M895353		1285	156.5	0.002	3.14	32.1	9.0	1	5.8	146.5	0.58	0.27	11.5	0.205	2.18	4.6
M895354		19.0	66.8	<0.002	0.12	5.22	10.1	1	1.4	283	0.62	<0.05	9.0	0.271	1.08	2.9
M895355		15.5	84.4	<0.002	0.07	4.80	10.1	1	2.5	298	0.63	<0.05	8.2	0.273	1.27	2.7
M895356		13.9	92.0	<0.002	0.08	4.55	11.9	1	1.9	286	0.65	<0.05	10.0	0.293	1.25	3.2
M895357		16.9	68.8	<0.002	0.06	4.13	9.6	1	1.7	268	0.59	<0.05	8.5	0.266	1.10	2.5
M895358		27.7	88.9	<0.002	0.10	3.98	11.5	1	1.8	271	0.63	<0.05	10.2	0.286	1.21	3.0
M895359		33.2	85.9	<0.002	0.13	3.57	11.1	1	1.9	284	0.61	<0.05	10.1	0.277	1.19	3.0
M895360		195.0	66.4	<0.002	0.15	11.70	10.7	1	1.6	209	0.65	<0.05	10.0	0.273	1.09	1.9
M895361		1.2	1.7	<0.002	0.01	<0.05	0.3	<1	<0.2	39.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M895362		10.5	78.8	<0.002	0.03	5.81	10.8	1	1.8	218	0.67	0.06	10.7	0.286	1.07	2.2
M895363		9.7	85.6	<0.002	0.10	3.59	10.5	1	1.5	289	0.55	<0.05	8.2	0.274	1.05	2.4
M895364		10.8	87.5	<0.002	0.18	4.81	9.7	1	3.8	257	0.58	<0.05	9.1	0.260	1.38	2.0
M895365		10.5	106.5	<0.002	0.08	4.34	11.6	1	2.3	240	0.68	<0.05	11.8	0.275	1.56	2.7
M895366		10.9	106.0	<0.002	0.13	4.22	11.5	1	1.6	221	0.60	<0.05	14.5	0.269	1.54	3.3
M895367		12.9	99.0	<0.002	0.13	4.07	11.0	1	2.9	231	0.64	<0.05	11.7	0.263	1.48	3.1
M895368		14.0	107.0	<0.002	0.06	4.40	10.9	1	1.8	218	0.61	<0.05	11.7	0.281	1.47	2.1
M895369		23.2	111.0	<0.002	0.08	3.25	12.0	1	1.8	153.0	0.59	<0.05	8.7	0.295	1.39	2.0
M895370		22.7	107.5	<0.002	0.08	3.30	11.6	1	1.9	153.5	0.60	<0.05	8.3	0.298	1.39	1.9
M895371		20.3	126.0	<0.002	0.21	4.30	11.2	1	2.5	167.0	0.53	<0.05	9.5	0.258	1.49	2.6
M895372		11.4	83.9	<0.002	0.09	4.82	11.2	1	1.6	272	0.60	<0.05	10.4	0.261	0.97	2.7
M895373		9130	127.0	0.002	7.18	215	6.9	2	8.3	114.0	0.41	0.46	8.2	0.180	1.95	4.6
M895374		13.1	71.0	<0.002	0.11	2.92	10.9	1	1.7	242	0.59	<0.05	8.6	0.273	1.14	2.5
M895375		14.3	70.9	<0.002	0.08	3.10	11.3	1	1.8	222	0.57	<0.05	8.4	0.281	1.16	2.3
M895376		1540	163.5	<0.002	5.29	259	11.1	1	9.0	128.5	0.54	<0.05	11.7	0.254	1.79	5.7
M895377		1.7	2.4	0.002	0.01	0.14	0.7	<1	<0.2	45.2	<0.05	<0.05	0.3	<0.005	0.02	0.4
M895378		15.1	92.1	<0.002	0.04	9.78	10.2	1	1.7	310	0.59	<0.05	9.6	0.263	1.25	3.2
M895379		36.5	100.0	<0.002	0.12	3.99	10.2	1	1.9	188.5	0.59	<0.05	9.4	0.258	1.42	3.2
M895380		10.7	85.9	<0.002	0.05	2.53	10.6	1	1.4	257	0.66	<0.05	10.0	0.261	1.12	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159039

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M895345		74	1.5	10.4	166	26.0		
M895346		72	2.2	11.5	186	26.7		
M895347		137	3.2	15.8	250	32.6		
M895348		72	1.8	10.2	119	27.3		
M895349		142	2.4	11.7	151	28.9		
M895350		83	2.0	10.0	163	25.7		
M895351		76	1.3	10.2	121	23.9		
M895352		75	3.3	9.8	169	24.7		
M895353		55	5.2	11.0	2940	40.1		
M895354		74	1.9	11.0	101	27.7		
M895355		85	2.4	10.0	144	29.7		
M895356		79	2.4	11.3	156	33.0		
M895357		69	2.2	9.9	178	28.1		
M895358		80	1.8	11.7	139	32.1		
M895359		75	1.6	11.3	143	31.1		
M895360		71	1.7	10.3	81	30.5		
M895361		3	0.1	0.9	13	<0.5		
M895362		74	1.5	10.7	75	33.9		
M895363		84	1.3	9.2	74	28.6		
M895364		73	1.4	9.9	75	28.1		
M895365		87	1.4	11.6	90	32.5		
M895366		73	1.5	12.8	113	29.6		
M895367		74	1.3	12.0	98	29.5		
M895368		97	1.4	10.4	104	24.2		
M895369		83	1.3	8.7	90	30.2		
M895370		85	1.3	8.4	91	32.0		
M895371		93	1.2	9.8	75	26.2		
M895372		72	1.1	9.5	74	31.7		
M895373		51	4.5	8.3	>10000	30.3	120	1.590
M895374		77	1.3	9.2	99	29.7		
M895375		80	1.6	9.9	116	27.6		
M895376		72	2.1	12.1	2750	29.9		
M895377		3	0.4	1.1	17	0.5		
M895378		92	2.1	10.0	156	38.1		
M895379		76	1.7	10.7	162	39.6		
M895380		74	1.5	8.3	92	43.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159039

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159050

Project: Klaza - 74B

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

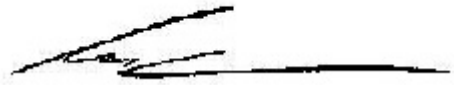
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159050

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895381		3.32	<0.005	0.11	6.65	5.9	1110	1.33	0.11	3.58	0.13	40.7	8.3	12	18.00	5.9
M895382		4.59	<0.005	0.19	6.69	6.2	1180	1.39	0.26	2.96	0.38	37.1	8.1	12	10.75	4.1
M895383		7.89	<0.005	0.06	6.59	3.0	1910	1.37	0.09	3.20	0.07	36.8	9.6	17	10.05	4.7
M895384		6.84	0.018	0.44	7.16	39.5	1210	1.57	0.21	2.87	1.72	40.1	8.1	13	11.20	8.8
M895385		6.72	<0.005	0.07	6.95	2.3	1510	1.49	0.16	3.19	0.08	40.9	8.4	17	7.65	7.5
M895386		8.74	<0.005	0.05	6.90	3.3	1130	1.38	0.56	3.11	0.11	37.4	8.3	14	7.38	2.4
M895387		0.24	0.792	9.67	6.84	1800	740	1.47	6.03	1.93	41.4	42.5	18.4	20	15.50	107.0
M895388		9.09	<0.005	0.10	6.99	5.5	2860	1.48	0.12	3.36	0.12	37.0	8.1	15	7.87	7.0
M895389		8.05	<0.005	0.09	6.95	6.7	1290	1.48	0.14	3.14	0.12	38.4	9.1	12	7.94	11.0
M895390		4.92	<0.005	0.08	7.08	3.2	1660	1.50	0.11	3.15	0.14	38.7	9.3	18	7.62	10.6
M895391		6.27	<0.005	0.10	7.33	4.5	1270	1.51	0.16	3.03	1.37	39.0	9.7	12	7.97	14.4
M895392		9.49	<0.005	0.08	6.97	3.4	1340	1.35	0.53	3.12	0.12	39.4	8.2	14	8.47	11.1
M895393		6.22	<0.005	0.06	6.37	4.5	4450	1.28	1.02	3.08	0.18	33.9	8.1	14	10.20	11.0
M895394		2.67	<0.005	0.01	0.07	<5	20	0.07	0.03	21.5	0.05	0.97	0.7	1	0.12	1.8
M895395		8.60	<0.005	0.08	6.94	3.3	1790	1.20	0.54	3.08	0.16	43.8	8.2	11	8.74	5.8
M895396		6.38	<0.005	0.10	7.34	3.4	2110	1.46	0.33	3.39	0.11	40.4	8.3	11	9.42	5.9
M895397		5.19	<0.005	0.12	7.39	2.6	2970	1.18	0.20	3.16	0.08	45.3	8.9	11	9.18	13.5
M895398		6.06	<0.005	0.09	7.43	2.8	2040	1.33	0.15	3.54	0.07	47.7	9.4	12	10.55	12.6
M895399		6.38	<0.005	0.07	7.42	1.9	2240	1.27	0.15	3.66	0.08	45.4	9.5	16	10.45	11.4
M895400		6.89	<0.005	0.06	7.40	1.8	2680	1.29	0.12	3.82	0.08	48.0	9.5	16	7.38	12.3
M895401		<0.02	<0.005	0.08	6.77	1.6	2400	1.18	0.12	3.59	0.08	39.7	8.6	14	6.47	10.7
M895402		6.40	<0.005	0.07	7.19	1.9	4190	1.19	0.16	3.71	0.11	48.5	9.0	12	7.81	10.3
M895403		4.65	<0.005	0.05	7.33	3.3	1680	1.27	0.59	3.40	0.14	46.4	9.2	17	6.80	7.7
M895404		5.23	<0.005	0.04	7.72	6.6	1970	1.86	4.59	6.01	0.37	40.4	7.2	10	15.65	5.3
M895405		1.64	<0.005	0.02	0.06	<5	30	0.07	0.04	21.4	0.05	1.00	0.7	<1	0.09	2.2
M895406		8.30	3.75	0.05	7.37	3.6	1920	1.33	1.24	4.11	0.16	46.2	8.3	13	8.31	3.7
M895407		5.15	<0.005	0.22	7.48	2.9	1150	1.32	0.36	3.26	0.10	43.3	9.8	18	6.68	27.2
M895408		4.85	<0.005	0.12	7.42	4.3	1480	1.60	2.51	3.67	0.22	50.1	9.3	15	9.85	15.4
M895409		5.93	<0.005	0.10	7.43	3.5	1650	1.29	1.52	3.24	0.17	40.7	9.7	18	6.60	3.1
M895410		3.46	<0.005	0.30	6.75	4.6	2920	1.27	1.47	3.77	0.25	37.3	8.5	11	12.15	37.5
M895411		6.35	<0.005	0.16	6.91	4.4	1880	1.39	0.84	3.45	0.12	41.0	9.2	14	7.36	36.5
M895412		8.24	<0.005	0.10	7.50	3.1	1570	1.29	0.81	2.70	0.10	43.4	9.3	14	6.84	1.8
M895413		4.89	<0.005	0.05	3.18	2.9	1940	0.65	1.45	0.97	0.05	19.00	3.3	32	5.32	0.8
M895414		3.72	<0.005	0.07	3.55	3.7	1430	0.76	1.85	1.03	0.11	16.25	3.0	22	5.20	1.0
M895415		0.24	0.755	9.50	6.90	1795	760	1.63	5.97	1.94	42.4	44.7	18.7	20	15.80	110.0
M895416		3.87	<0.005	0.13	4.03	4.2	1560	0.88	1.35	1.39	0.26	21.7	4.0	21	10.95	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895381		3.09	15.20	0.13	1.1	0.038	2.16	20.2	19.6	0.82	887	0.45	1.67	6.6	2.8	590
M895382		3.19	14.95	0.13	1.0	0.043	2.18	17.7	20.5	0.92	959	0.44	1.70	6.7	2.7	600
M895383		3.30	15.55	0.14	1.1	0.030	2.11	16.0	21.1	0.91	841	0.51	2.14	7.2	4.8	630
M895384		3.39	15.20	0.19	1.0	0.064	2.18	20.0	26.1	0.86	905	0.72	1.71	7.9	2.2	600
M895385		3.02	15.30	0.18	1.0	0.036	2.11	20.1	14.7	0.86	764	1.85	1.91	7.9	2.4	590
M895386		2.92	14.85	0.08	1.1	0.033	2.21	17.3	13.4	0.81	982	0.59	1.87	7.1	2.7	590
M895387		5.42	14.55	0.10	1.4	0.871	2.88	21.0	25.2	0.71	2000	11.95	0.27	7.6	15.7	520
M895388		2.96	15.10	0.09	1.1	0.044	2.14	17.2	11.2	0.85	758	0.87	2.00	7.7	2.7	600
M895389		3.17	14.90	0.09	1.1	0.035	2.01	16.3	15.1	0.81	845	1.30	1.98	8.0	2.9	640
M895390		3.17	14.90	0.09	1.0	0.040	2.02	17.4	14.9	0.80	827	1.37	2.10	8.0	2.9	640
M895391		3.20	15.30	0.09	1.3	0.112	2.11	17.4	21.1	0.87	972	0.71	1.79	8.2	3.0	650
M895392		2.95	15.25	0.09	1.1	0.048	2.33	17.6	17.0	0.67	1000	0.78	1.56	7.8	2.8	630
M895393		2.77	14.10	0.09	0.9	0.051	2.28	16.2	18.5	1.00	1200	0.72	1.10	6.7	2.6	590
M895394		0.49	0.17	0.09	<0.1	<0.005	0.02	0.5	1.0	13.40	224	0.16	0.01	0.1	1.8	180
M895395		2.85	15.00	0.13	1.1	0.046	2.37	20.5	13.4	0.80	1130	0.47	1.38	7.2	2.7	570
M895396		2.93	15.45	0.12	1.2	0.039	2.48	18.3	16.0	0.83	1050	0.44	1.66	7.9	2.8	630
M895397		3.17	14.50	0.11	1.2	0.039	2.21	22.0	15.5	0.89	919	0.43	1.70	8.1	2.9	670
M895398		3.19	15.35	0.09	1.1	0.035	2.36	23.4	12.8	0.88	835	0.59	1.62	7.8	2.9	640
M895399		3.24	15.00	0.08	1.1	0.033	2.30	21.7	15.2	0.85	828	1.59	1.46	7.8	3.0	660
M895400		3.19	14.40	0.10	1.1	0.030	2.09	23.2	12.3	0.88	843	0.97	1.85	7.8	3.0	630
M895401		3.04	13.10	0.10	1.1	0.027	1.95	19.0	11.2	0.82	804	0.64	1.77	7.2	2.7	610
M895402		3.00	14.60	0.11	1.2	0.039	2.21	23.5	12.3	0.85	931	0.60	1.62	8.0	3.0	640
M895403		3.12	15.20	0.09	1.1	0.031	2.35	21.7	12.1	0.84	1180	0.81	1.56	7.8	2.9	650
M895404		3.73	22.3	0.08	1.2	0.076	2.41	17.2	21.7	0.65	1970	0.42	0.80	7.7	2.3	600
M895405		0.48	0.16	0.09	<0.1	0.006	0.03	0.5	0.9	13.20	216	0.11	0.01	0.1	1.7	170
M895406		3.16	15.45	0.13	1.2	0.038	2.04	22.1	15.5	0.83	1430	0.66	1.60	7.7	2.7	600
M895407		3.18	15.25	0.10	1.4	0.037	2.19	19.1	14.9	0.90	1130	0.87	1.89	8.1	3.1	660
M895408		3.19	16.60	0.12	1.2	0.048	1.92	24.6	12.8	0.90	1690	0.83	1.69	7.7	3.1	610
M895409		3.02	15.35	0.09	1.1	0.041	2.30	18.6	13.1	0.79	1640	1.04	1.80	8.0	3.1	630
M895410		2.73	14.50	0.08	1.0	0.055	2.32	17.0	16.9	0.52	1860	0.62	0.93	7.2	2.7	620
M895411		2.90	14.40	0.09	1.0	0.046	2.22	18.9	13.5	0.61	1780	0.81	1.33	7.6	2.9	620
M895412		3.19	14.80	0.09	1.0	0.055	2.06	19.7	14.8	0.64	1770	0.66	1.77	7.7	3.2	680
M895413		1.89	9.40	0.06	0.6	0.180	1.01	10.2	12.4	0.29	756	2.04	0.16	3.3	1.6	280
M895414		2.08	10.15	0.06	0.3	0.068	1.10	8.8	15.1	0.28	775	1.45	0.16	2.7	2.0	240
M895415		5.45	14.65	0.11	1.3	0.872	2.92	21.6	25.8	0.71	2010	12.05	0.27	7.6	16.0	510
M895416		2.20	12.30	0.06	0.6	0.118	1.41	11.6	14.7	0.27	802	1.30	0.13	3.5	2.0	290

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895381		16.6	76.3	0.002	0.04	2.43	10.3	<1	1.5	331	0.54	<0.05	8.8	0.272	1.08	2.5
M895382		43.0	76.0	<0.002	0.11	2.43	10.7	<1	1.9	315	0.55	<0.05	8.9	0.276	1.15	2.8
M895383		13.8	70.9	<0.002	0.06	1.97	10.5	<1	1.7	327	0.64	<0.05	7.8	0.285	1.06	2.8
M895384		83.6	97.9	<0.002	0.49	3.41	11.0	1	2.7	278	0.63	<0.05	9.6	0.279	1.14	2.9
M895385		11.5	78.1	<0.002	0.03	2.10	10.7	1	1.7	277	0.59	<0.05	10.0	0.271	0.89	3.0
M895386		17.9	84.5	<0.002	0.02	1.71	10.3	1	1.4	280	0.66	<0.05	10.6	0.254	1.08	3.3
M895387		1350	157.5	0.002	3.07	33.2	9.3	<1	5.7	151.5	0.63	0.26	11.4	0.211	2.46	5.2
M895388		10.7	78.2	<0.002	0.08	1.77	10.7	<1	1.6	318	0.63	<0.05	9.5	0.265	0.96	3.2
M895389		12.9	67.0	<0.002	0.03	2.41	11.0	1	1.7	311	0.74	<0.05	8.7	0.282	0.95	3.4
M895390		11.7	64.4	<0.002	0.04	2.08	11.0	1	1.6	315	0.71	<0.05	9.9	0.280	0.91	3.4
M895391		48.6	67.8	<0.002	0.05	3.10	11.3	<1	2.1	320	0.73	<0.05	9.8	0.285	1.05	3.7
M895392		14.0	86.2	<0.002	0.03	2.57	11.3	1	1.5	260	0.60	<0.05	9.6	0.274	1.01	3.0
M895393		15.3	73.3	<0.002	0.12	2.51	10.1	1	1.3	298	0.54	<0.05	7.8	0.255	1.04	2.0
M895394		1.1	0.9	0.002	0.01	0.06	0.2	<1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M895395		19.8	90.4	0.002	0.02	1.90	10.7	1	1.3	210	0.65	<0.05	11.5	0.251	1.06	3.3
M895396		24.4	91.4	<0.002	0.03	2.07	11.7	<1	1.4	242	0.68	<0.05	11.1	0.280	1.10	3.5
M895397		32.3	81.5	0.002	0.06	3.30	12.7	<1	1.4	277	0.64	<0.05	11.1	0.294	0.93	3.3
M895398		41.9	91.7	<0.002	0.06	3.17	11.9	1	1.3	262	0.64	<0.05	11.3	0.276	0.98	3.5
M895399		62.4	79.9	<0.002	0.05	1.77	12.1	<1	1.4	257	0.62	<0.05	11.6	0.286	0.89	3.8
M895400		37.2	81.6	<0.002	0.05	1.96	12.2	1	1.4	280	0.66	<0.05	12.4	0.280	0.85	3.6
M895401		35.1	65.1	<0.002	0.05	1.62	10.7	<1	1.2	262	0.62	<0.05	10.8	0.264	0.84	3.0
M895402		35.0	81.5	<0.002	0.09	1.78	11.9	1	1.4	311	0.71	<0.05	12.3	0.276	0.90	5.1
M895403		17.5	82.2	<0.002	0.02	1.20	11.7	<1	1.5	242	0.63	<0.05	11.9	0.279	1.02	3.6
M895404		42.1	75.3	<0.002	0.03	11.65	10.3	1	2.1	504	0.62	<0.05	10.4	0.264	1.38	3.6
M895405		1.2	0.8	0.002	0.01	0.07	0.2	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M895406		21.3	81.3	0.002	0.03	4.03	11.5	<1	1.5	356	0.67	<0.05	12.5	0.264	1.06	3.9
M895407		15.3	77.6	<0.002	0.01	1.68	12.0	1	1.6	280	0.72	<0.05	11.4	0.290	1.11	3.8
M895408		24.7	88.6	<0.002	0.02	5.50	12.2	<1	1.5	335	0.62	<0.05	14.7	0.266	1.02	4.5
M895409		16.9	85.4	<0.002	0.03	2.25	11.9	1	1.4	216	0.66	<0.05	12.1	0.275	1.06	3.9
M895410		15.1	82.4	<0.002	0.06	10.30	10.9	<1	2.4	217	0.59	<0.05	9.4	0.266	1.14	2.2
M895411		18.1	84.3	<0.002	0.04	9.98	11.4	1	1.4	245	0.61	<0.05	9.9	0.265	1.16	3.2
M895412		14.1	83.8	<0.002	0.02	3.54	11.8	1	1.3	229	0.62	<0.05	11.1	0.289	1.13	2.5
M895413		8.8	51.8	<0.002	0.02	7.24	4.3	<1	0.9	115.0	0.24	<0.05	5.3	0.118	0.68	1.2
M895414		7.4	58.2	0.002	0.01	9.49	3.8	1	0.7	111.0	0.21	<0.05	4.4	0.101	0.70	1.1
M895415		1360	160.5	<0.002	3.07	33.5	9.3	1	5.6	154.5	0.63	0.26	11.5	0.214	2.54	5.1
M895416		13.9	85.8	<0.002	0.01	8.34	5.8	<1	1.1	121.5	0.29	<0.05	5.9	0.126	0.90	1.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895381		82	1.6	8.3	65	22.9
M895382		80	1.6	8.6	98	20.4
M895383		82	1.7	8.5	64	23.5
M895384		79	1.9	9.7	213	27.3
M895385		78	1.8	9.4	65	28.0
M895386		78	1.6	8.8	111	22.8
M895387		58	5.3	10.9	3080	36.9
M895388		76	1.7	9.8	64	24.9
M895389		79	1.9	8.8	74	25.4
M895390		79	1.9	9.2	74	23.3
M895391		77	2.1	9.5	145	28.1
M895392		77	2.3	9.3	109	25.8
M895393		69	1.9	8.7	145	19.1
M895394		1	0.1	0.7	14	<0.5
M895395		72	1.6	10.0	160	24.6
M895396		75	1.2	10.8	136	27.7
M895397		76	1.2	10.5	128	27.0
M895398		78	1.3	10.6	106	25.8
M895399		79	1.9	10.5	96	24.6
M895400		76	1.6	10.7	92	26.8
M895401		71	1.5	10.1	89	24.7
M895402		76	1.6	11.6	97	29.7
M895403		79	1.6	10.7	169	24.9
M895404		130	1.8	12.5	198	26.1
M895405		2	0.1	0.7	16	<0.5
M895406		87	1.5	12.3	134	27.9
M895407		81	1.7	11.4	124	31.7
M895408		82	1.8	14.8	225	26.5
M895409		75	2.6	11.5	229	26.7
M895410		76	2.1	10.2	196	23.4
M895411		70	2.0	10.6	205	24.5
M895412		74	2.2	9.9	163	22.9
M895413		59	1.1	3.6	47	8.7
M895414		61	0.9	3.2	39	7.8
M895415		58	5.3	10.8	3120	37.0
M895416		78	1.1	4.4	53	15.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 74B

CERTIFICATE OF ANALYSIS WH12159050

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159051

Project: Klaza - 79

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159051

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897523		1.66	0.043	1.54	6.18	10.9	920	1.18	3.79	1.12	0.22	65.9	2.4	11	8.24	20.2
M897524		1.72	0.132	2.36	6.98	96.9	920	1.35	3.14	1.30	3.73	40.1	6.3	6	23.6	217
M897525		3.30	<0.005	0.02	0.18	<5	30	0.06	0.02	21.0	0.08	1.57	1.6	4	0.78	2.1
M897526		1.55	0.009	0.47	8.64	25.1	1070	1.43	1.53	1.98	0.30	44.6	5.0	12	13.75	1.6
M897527		1.88	0.007	0.21	7.01	16.2	1850	1.69	1.75	2.30	0.60	44.4	6.7	8	8.80	8.6
M897528		4.43	<0.005	0.18	7.37	17.8	2030	1.58	3.21	2.29	0.15	46.2	8.5	13	12.00	40.6
M897529		1.69	0.809	8.73	6.75	1835	2210	1.34	4.56	3.52	12.10	48.0	8.7	8	14.60	68.4
M897530		2.09	0.017	0.16	7.10	22.2	1850	1.50	1.59	1.75	0.16	43.6	6.5	10	13.70	14.9
M897531		0.86	0.026	0.31	7.31	42.4	2460	1.52	1.85	2.37	0.30	44.3	7.7	10	13.25	17.2
M897532		2.61	<0.005	0.24	7.48	13.0	2080	1.71	2.85	2.21	0.22	46.0	8.2	12	15.85	44.9
M897533		1.65	0.488	1.09	5.53	448	1500	1.52	0.98	2.08	2.49	40.9	6.4	9	14.75	9.1
M897534		5.07	0.005	0.19	7.53	30.2	2310	1.38	3.81	1.58	0.42	44.6	7.5	13	19.95	12.7
M897535		0.23	2.30	24.0	6.08	3380	1450	1.36	19.95	2.20	78.3	46.5	10.8	19	14.55	453
M897536		1.55	0.036	0.36	7.02	66.5	1100	1.70	3.88	3.01	0.52	53.1	7.5	10	17.30	11.2
M897537		4.78	<0.005	0.08	7.94	20.4	2310	1.67	2.70	2.40	0.12	46.5	9.1	11	14.75	33.0
M897538		3.43	<0.005	0.15	7.67	23.9	2190	1.55	1.06	2.74	0.10	48.7	9.5	21	9.25	32.5
M897539		4.73	<0.005	0.10	7.86	10.7	2130	1.71	0.59	2.61	0.11	51.5	7.8	12	10.55	15.8
M897540		1.99	1.240	>100	6.59	2490	770	1.41	1.38	1.29	73.8	47.9	7.9	14	23.0	156.5
M897541		0.23	4.64	>100	5.58	7910	1170	1.11	60.5	1.96	225	34.7	8.6	18	11.15	1315
M897542		1.99	<0.005	>100	0.90	>10000	200	0.47	0.66	4.22	587	7.56	2.3	12	2.47	1580
M897543		2.86	0.005	0.50	0.08	10	20	0.05	0.06	20.8	0.27	1.02	2.0	3	0.13	1.9
M897544		1.88	0.480	15.25	8.03	644	1810	1.45	0.44	1.96	6.65	47.6	5.7	12	20.4	45.7
M897545		3.72	<0.005	0.19	7.07	10.9	2080	1.59	0.44	2.95	0.14	39.9	7.2	11	12.40	10.8
M897546		4.49	0.007	0.58	7.33	19.4	1870	1.42	0.60	2.18	0.34	46.0	7.7	13	13.95	14.1
M897547		1.99	0.024	0.18	7.26	23.3	2230	1.40	0.65	3.49	0.09	46.9	2.8	7	18.35	5.6
M897548		5.50	<0.005	0.25	7.47	10.2	2260	1.68	0.64	2.19	0.15	49.5	4.7	14	9.92	3.2
M897549		<0.02	<0.005	0.14	7.58	9.6	2400	1.71	0.66	2.33	0.11	46.6	4.9	13	9.91	3.7
M897550		4.14	<0.005	0.20	7.69	9.4	2040	1.69	0.72	2.49	0.13	50.8	4.3	14	9.17	4.6
M897251		2.01	<0.005	0.13	7.55	10.1	2520	1.59	0.79	2.55	0.09	42.8	3.3	9	8.37	3.6
M897252		3.21	<0.005	0.16	7.29	9.7	2000	1.60	0.53	2.19	0.11	47.3	6.0	11	9.03	3.6
M897253		4.04	0.005	0.25	7.49	16.7	2270	1.58	0.74	2.29	0.18	46.2	5.5	13	10.90	21.0
M897254		1.46	0.018	0.24	6.91	70.4	1900	1.51	0.68	2.38	0.28	43.3	5.5	8	15.65	6.1
M897255		5.08	<0.005	0.10	7.25	10.1	2150	1.60	0.89	2.59	0.11	45.4	7.8	17	10.30	8.5
M897256		4.88	<0.005	0.10	7.62	7.4	2260	1.67	0.43	2.33	0.08	48.9	5.8	14	9.23	5.5
M897257		4.03	<0.005	0.16	6.88	8.8	1850	1.46	0.67	2.13	0.07	43.0	3.0	9	7.96	<0.2
M897258		5.18	<0.005	0.20	7.20	12.1	2160	1.57	0.90	2.36	0.19	43.9	6.3	12	12.05	12.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897523		2.29	13.60	0.11	2.1	0.272	2.79	38.6	25.6	0.37	1200	7.30	0.06	5.7	2.0	190
M897524		11.15	21.3	0.15	1.8	0.575	2.93	21.8	29.3	0.35	4950	73.1	0.06	6.5	4.6	280
M897525		0.49	0.64	0.13	<0.1	0.005	0.10	0.7	2.4	12.45	236	0.22	<0.01	0.3	3.0	190
M897526		5.21	22.9	0.14	1.4	0.252	2.85	21.0	18.3	0.42	2280	2.06	1.40	10.5	2.7	670
M897527		2.81	16.20	0.15	1.7	0.088	3.05	22.2	15.2	0.61	836	2.46	1.58	8.5	2.3	490
M897528		2.94	17.20	0.17	1.4	0.072	2.80	22.8	27.5	0.69	774	6.03	1.60	8.2	2.6	600
M897529		3.31	15.60	0.12	1.3	0.087	2.72	24.8	43.1	1.06	7480	2.20	0.08	7.4	2.7	520
M897530		3.20	17.05	0.14	1.4	0.091	3.04	21.2	28.1	0.61	959	2.42	0.70	8.5	2.6	580
M897531		3.55	17.85	0.15	1.4	0.118	3.07	22.1	26.6	0.71	1140	4.11	0.84	8.3	2.9	550
M897532		3.10	17.35	0.17	1.4	0.074	2.96	22.5	63.4	0.65	766	3.29	1.72	9.0	2.7	610
M897533		2.61	12.70	0.13	1.0	0.033	1.84	22.4	208	0.61	2720	2.36	0.04	5.9	2.7	390
M897534		2.85	17.55	0.13	1.5	0.051	2.30	21.9	81.6	0.54	1060	3.03	0.20	9.0	2.8	610
M897535		6.60	14.85	0.15	0.9	1.725	2.67	25.2	25.4	0.90	1920	14.90	0.04	6.4	15.6	450
M897536		2.75	15.90	0.16	1.3	0.063	2.78	28.7	170.5	1.03	2750	2.85	0.06	7.8	2.8	530
M897537		2.97	17.85	0.19	1.3	0.051	2.84	23.3	33.3	0.75	552	6.02	2.03	8.9	2.8	630
M897538		2.95	17.10	0.18	1.4	0.058	2.75	24.1	17.4	0.78	612	2.88	2.27	8.5	2.9	610
M897539		3.00	17.35	0.18	1.5	0.049	3.00	25.5	15.2	0.77	625	1.83	2.09	8.9	3.2	600
M897540		4.02	14.65	0.15	1.1	0.200	2.83	25.7	54.7	0.49	3460	10.55	0.11	7.0	3.1	500
M897541		8.12	13.05	0.13	1.0	4.45	2.32	17.8	31.9	0.62	3080	15.60	0.08	5.7	13.1	450
M897542		8.04	6.06	0.06	0.1	0.582	0.38	3.6	27.2	0.94	23000	30.2	0.01	0.9	1.3	50
M897543		0.61	0.21	0.17	<0.1	<0.005	0.03	0.5	1.0	12.40	211	0.18	0.01	0.2	2.2	220
M897544		2.95	15.70	0.20	1.6	0.045	3.08	25.8	49.1	0.58	1920	2.69	1.02	7.7	2.0	590
M897545		3.03	16.70	0.14	1.4	0.066	2.94	19.0	14.4	0.75	738	1.96	2.01	8.1	2.5	560
M897546		2.85	16.30	0.16	1.3	0.066	3.05	23.1	54.8	0.66	705	2.82	1.28	8.0	2.4	550
M897547		4.02	16.20	0.15	1.2	0.207	3.05	24.5	33.3	0.89	1770	0.62	0.76	7.9	2.4	540
M897548		2.94	16.20	0.16	1.4	0.072	2.83	24.4	18.8	0.80	715	1.40	2.02	8.2	2.6	570
M897549		3.09	16.40	0.15	1.4	0.070	2.88	22.4	19.6	0.84	761	1.40	2.08	8.5	2.5	600
M897550		3.14	16.70	0.18	1.5	0.088	2.86	24.9	18.9	0.83	834	1.74	2.12	8.6	2.7	560
M897251		3.41	16.90	0.18	1.3	0.166	3.12	20.6	16.8	0.81	1080	1.19	2.33	8.9	2.6	620
M897252		3.16	16.45	0.18	1.3	0.074	3.02	23.2	13.7	0.79	662	1.99	1.95	8.3	2.7	600
M897253		3.17	16.30	0.18	1.2	0.089	3.24	22.6	12.3	0.71	1170	1.86	1.84	8.6	2.6	590
M897254		2.61	15.75	0.16	1.2	0.056	3.11	21.5	150.5	0.73	1440	1.67	0.25	7.9	2.5	560
M897255		2.93	16.45	0.16	1.3	0.045	2.86	21.4	14.0	0.73	633	2.01	2.07	8.4	2.6	580
M897256		2.96	16.10	0.20	1.3	0.060	2.95	24.9	16.2	0.75	606	1.94	2.05	8.4	2.5	580
M897257		3.05	15.65	0.17	0.9	0.176	2.67	21.5	16.7	0.56	902	0.66	1.66	7.8	2.4	550
M897258		2.87	15.90	0.17	1.2	0.080	2.75	22.2	16.4	0.68	678	3.14	1.86	7.8	2.5	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897523		46.3	175.0	<0.002	0.13	13.10	6.3	1	4.7	46.1	0.99	<0.05	29.0	0.090	2.29	9.1
M897524		169.0	157.5	<0.002	1.62	33.0	9.1	1	4.3	45.0	0.83	0.09	23.7	0.119	2.54	21.4
M897525		2.1	5.2	<0.002	0.02	0.18	0.5	1	<0.2	45.8	<0.05	<0.05	0.2	0.008	0.03	0.7
M897526		26.5	132.0	<0.002	0.40	9.72	13.3	1	4.4	110.0	0.84	0.05	11.8	0.290	2.31	8.4
M897527		40.7	125.5	<0.002	0.13	5.23	9.9	1	3.2	223	0.92	0.05	14.6	0.211	1.66	3.1
M897528		15.9	117.0	0.002	0.21	12.45	11.4	2	4.1	270	0.67	0.13	12.0	0.255	1.53	4.7
M897529		362	128.0	<0.002	0.95	77.2	10.7	1	3.2	125.0	0.63	0.05	11.6	0.216	2.35	8.3
M897530		13.3	122.5	<0.002	0.09	18.55	11.4	1	2.7	125.5	0.76	<0.05	12.7	0.247	1.92	8.8
M897531		16.6	120.0	<0.002	0.14	19.90	10.7	1	2.8	146.0	0.74	<0.05	12.2	0.244	2.02	5.3
M897532		17.6	116.5	<0.002	0.07	16.10	11.3	1	4.1	284	0.79	<0.05	12.5	0.260	1.65	3.6
M897533		65.0	96.3	<0.002	0.78	57.5	9.2	1	2.4	125.0	0.52	<0.05	11.2	0.175	1.65	11.6
M897534		14.3	95.7	<0.002	0.14	28.0	12.0	1	2.9	126.0	0.76	0.06	11.8	0.268	1.44	4.5
M897535		2790	167.5	<0.002	4.91	89.7	8.9	2	7.9	95.5	0.52	0.39	11.4	0.180	2.52	5.9
M897536		24.3	150.5	<0.002	0.54	31.1	11.1	1	2.5	153.0	0.68	0.06	14.0	0.224	2.34	10.1
M897537		15.5	121.0	<0.002	0.09	5.84	12.3	1	2.9	347	0.73	0.14	12.3	0.276	1.32	4.1
M897538		16.7	111.0	<0.002	0.12	2.17	11.3	1	2.7	363	0.69	0.12	12.1	0.254	1.25	4.2
M897539		17.8	120.5	<0.002	0.06	3.24	11.4	1	2.5	341	0.81	<0.05	13.7	0.258	1.42	5.0
M897540		3740	167.5	0.004	2.72	264	10.1	1	6.2	89.9	0.60	0.09	13.0	0.217	2.56	12.1
M897541		9570	134.5	0.002	7.24	220	7.5	2	8.6	125.0	0.46	0.46	9.5	0.185	2.27	6.2
M897542		>10000	22.1	0.009	7.47	3100	1.8	2	42.8	77.6	0.06	<0.05	2.2	0.026	0.77	99.4
M897543		20.5	1.2	<0.002	0.19	1.22	0.2	<1	0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M897544		789	133.0	<0.002	0.43	62.0	9.9	1	3.3	229	0.69	0.05	12.4	0.251	1.85	4.5
M897545		17.9	112.0	<0.002	0.06	6.08	9.9	1	2.6	328	0.74	<0.05	10.7	0.249	1.59	4.3
M897546		35.9	129.5	<0.002	0.09	13.55	10.5	1	2.5	247	0.72	<0.05	13.6	0.238	1.60	4.4
M897547		12.0	132.5	<0.002	0.31	14.70	9.6	1	2.3	156.5	0.70	<0.05	12.5	0.236	2.22	5.7
M897548		22.4	104.5	<0.002	0.03	7.98	11.0	1	2.5	312	0.73	<0.05	13.2	0.237	1.29	3.0
M897549		18.2	99.3	<0.002	0.04	7.82	10.9	1	2.6	324	0.75	<0.05	12.6	0.245	1.39	3.0
M897550		17.6	108.0	<0.002	0.02	5.97	10.3	1	2.3	289	0.78	<0.05	14.1	0.245	1.40	4.1
M897251		13.3	109.0	<0.002	0.11	6.23	10.8	1	2.5	223	0.78	<0.05	12.0	0.259	1.62	3.3
M897252		17.4	112.5	<0.002	0.04	5.00	10.7	1	2.3	288	0.71	<0.05	12.5	0.248	1.48	3.6
M897253		23.5	127.5	<0.002	0.12	7.34	10.3	1	2.4	279	0.72	<0.05	12.3	0.247	1.64	3.7
M897254		18.8	107.5	<0.002	0.46	18.15	9.8	1	2.3	147.5	0.70	<0.05	11.9	0.238	2.02	5.5
M897255		17.5	102.0	<0.002	0.05	3.27	10.3	1	2.5	351	0.73	<0.05	11.5	0.249	1.36	3.8
M897256		16.7	120.0	<0.002	0.02	3.44	10.6	1	2.5	322	0.74	<0.05	13.5	0.249	1.32	3.9
M897257		10.8	110.0	<0.002	0.09	4.50	9.7	1	2.7	180.0	0.64	<0.05	10.9	0.230	1.55	5.1
M897258		20.4	108.0	<0.002	0.05	5.68	10.0	1	2.6	292	0.68	<0.05	11.9	0.236	1.40	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159051

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M897523		35	2.8	17.0	52	48.0			
M897524		91	29.2	21.7	417	48.1			
M897525		5	0.1	1.1	19	<0.5			
M897526		82	7.3	10.7	120	38.1			
M897527		57	2.9	15.4	100	45.8			
M897528		69	2.5	16.6	50	41.8			
M897529		64	4.3	16.5	1140	37.1			
M897530		69	2.8	16.9	70	38.8			
M897531		72	3.0	17.6	88	37.4			
M897532		71	3.2	17.1	55	38.9			
M897533		53	4.3	12.9	200	29.5			
M897534		72	9.4	15.8	92	42.1			
M897535		57	5.4	11.3	5250	27.4			
M897536		63	5.2	16.9	70	36.2			
M897537		75	7.8	18.0	43	38.0			
M897538		71	4.8	18.2	42	39.8			
M897539		71	3.4	18.9	43	40.8			
M897540		63	4.1	12.2	4660	30.3	119		
M897541		53	4.6	10.2	>10000	32.2	115		1.595
M897542		20	1.6	5.8	>10000	5.4	1350	6.06	3.61
M897543		2	0.1	0.8	25	<0.5			
M897544		69	3.5	14.7	490	39.4			
M897545		68	4.2	15.4	49	37.7			
M897546		65	6.9	15.3	57	36.7			
M897547		61	10.7	17.7	71	33.9			
M897548		64	3.1	17.2	56	39.3			
M897549		67	3.6	16.7	57	38.9			
M897550		63	4.1	16.9	57	43.4			
M897251		65	3.8	15.5	69	34.7			
M897252		67	3.2	15.5	53	34.3			
M897253		67	3.4	15.9	61	31.1			
M897254		66	3.6	14.1	57	31.3			
M897255		70	4.4	16.1	43	34.2			
M897256		68	2.5	16.6	58	34.7			
M897257		62	3.8	14.0	67	26.2			
M897258		66	4.8	15.5	55	31.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159051

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12159052

Project: Klaza - 79

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

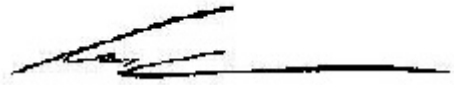
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159052

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897259		1.87	<0.005	0.55	7.08	25.4	1370	1.59	0.58	3.06	3.01	48.0	6.6	6	14.35	21.9
M897260		1.89	0.016	1.10	7.28	48.3	1670	1.59	0.63	2.26	0.36	44.8	7.2	8	18.05	28.7
M897261		2.48	<0.005	0.16	7.43	13.3	2120	1.80	0.67	2.06	0.15	49.0	7.3	8	23.2	37.7
M897262		1.79	0.005	0.21	7.00	31.4	1130	1.91	0.68	2.30	0.21	58.2	7.2	16	23.6	21.3
M897263		1.65	0.151	0.65	5.34	490	2200	1.40	0.57	5.36	1.15	41.8	6.5	5	11.40	15.6
M897264		2.48	<0.005	0.02	0.09	<5	30	0.07	0.06	20.4	0.06	1.29	0.7	<1	0.26	3.6
M897265		1.72	<0.005	0.20	6.95	14.2	1660	1.49	0.79	2.59	0.15	46.4	5.5	6	16.25	17.1
M897266		3.02	<0.005	0.15	7.06	9.3	2130	1.54	0.88	2.30	0.12	44.5	5.0	9	12.60	24.4
M897267		2.16	0.005	0.69	8.59	13.7	720	1.46	2.96	2.70	0.07	58.9	15.8	7	6.05	42.3
M897268		2.68	<0.005	0.01	0.09	<5	20	0.06	0.05	20.2	0.06	1.48	0.6	<1	0.25	2.1
M897269		6.11	<0.005	0.12	8.13	13.6	5390	2.01	2.36	2.98	0.09	50.1	6.8	11	15.75	4.9
M897270		1.69	0.005	0.36	7.59	10.7	1710	1.53	1.29	2.21	0.10	46.5	4.0	9	10.70	23.4
M897271		5.40	<0.005	0.18	7.55	9.7	1970	1.77	2.18	1.92	0.12	51.3	7.7	8	10.55	5.4
M897272		4.69	<0.005	0.31	7.78	11.5	1630	1.68	3.23	2.75	0.11	41.7	9.7	7	14.00	3.8
M897273		<0.02	<0.005	0.22	7.69	12.8	1600	1.73	2.98	2.61	0.07	40.3	8.8	7	13.80	4.3
M897274		2.32	<0.005	0.60	7.28	11.7	1360	1.42	1.85	2.79	0.10	46.9	4.6	7	8.46	21.5
M897275		0.71	0.011	0.49	7.11	12.8	1330	1.49	1.28	3.00	0.08	48.2	3.3	6	9.12	26.0
M897276		5.35	<0.005	0.18	7.59	9.2	2170	1.75	2.62	2.28	0.13	52.1	6.9	8	9.19	15.3
M897277		2.94	<0.005	0.17	7.18	8.1	2160	1.40	0.79	2.28	0.09	45.6	6.4	8	7.52	8.1
M897278		5.51	<0.005	0.13	7.21	7.7	2160	1.55	0.78	2.32	0.11	48.0	7.9	9	8.49	10.5
M897279		1.77	0.007	0.14	6.46	12.1	2200	1.60	0.78	3.75	0.11	44.9	6.7	7	10.90	9.9
M897280		0.31	0.825	10.25	6.58	1880	320	1.63	6.25	1.91	44.3	49.0	17.2	20	16.95	119.0
M897281		2.47	<0.005	0.21	7.56	17.1	2120	1.51	0.63	1.90	0.23	46.5	8.2	8	9.96	13.7
M897282		3.72	<0.005	0.12	7.35	9.5	2190	1.77	0.44	2.23	0.13	49.3	7.1	8	10.75	16.1
M897283		3.90	<0.005	0.12	7.42	8.8	2280	1.86	0.37	2.47	0.12	54.1	7.8	9	11.00	11.1
M897284		0.30	0.805	10.60	6.82	1950	330	1.73	6.86	1.99	45.1	47.2	17.8	21	16.45	124.5
M897285		2.80	<0.005	0.13	7.44	12.8	2270	1.44	0.49	2.47	0.13	49.3	7.2	9	11.60	9.3
M897286		1.72	0.087	0.23	6.92	266	1760	1.56	0.72	2.62	0.40	49.7	7.0	7	11.10	10.2
M897287		1.69	<0.005	0.29	7.62	11.2	2020	1.64	0.97	2.32	0.29	50.4	7.7	7	12.50	23.6
M897288		2.91	0.020	0.57	6.19	74.9	1850	1.18	1.05	2.95	0.50	36.9	6.8	6	11.25	15.8
M897289		2.07	<0.005	0.95	6.97	22.7	1320	1.39	0.93	1.74	0.57	48.9	6.6	7	14.65	53.6
M897290		1.85	<0.005	0.73	7.01	18.4	1200	1.25	0.92	1.98	2.22	35.9	7.7	7	11.35	21.9
M897291		1.83	<0.005	1.05	6.19	27.7	1260	1.45	1.33	5.11	1.01	45.7	8.0	6	17.40	46.9
M897292		4.37	<0.005	0.17	7.63	10.6	2200	1.52	0.72	2.01	0.15	46.6	8.7	8	10.95	19.0
M897293		3.77	<0.005	0.15	7.28	10.6	2060	1.79	0.82	2.77	0.13	48.1	7.5	8	12.60	9.6
M897294		4.70	<0.005	0.13	7.90	10.2	2090	1.69	0.75	2.64	0.14	46.7	7.1	8	13.90	9.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897259		2.91	14.85	0.10	1.3	0.057	2.94	22.8	116.5	0.92	1590	6.73	0.11	7.5	2.5	570
M897260		3.00	15.65	0.10	1.2	0.071	3.39	21.4	73.9	0.75	1380	2.60	0.72	8.0	2.7	570
M897261		3.01	17.85	0.12	1.2	0.066	3.03	21.7	26.2	0.65	623	2.43	1.47	7.7	5.2	590
M897262		2.80	17.15	0.13	2.0	0.044	2.38	26.2	156.5	0.82	921	1.22	0.07	7.8	5.9	860
M897263		3.41	11.90	0.12	0.9	0.040	1.63	20.6	93.7	1.86	3960	2.02	0.05	5.1	2.7	410
M897264		0.48	0.26	0.09	<0.1	0.007	0.03	0.6	1.9	12.80	215	<0.05	<0.01	0.3	1.8	190
M897265		2.67	15.80	0.14	1.2	0.054	2.46	19.8	75.9	0.85	710	1.28	0.75	6.9	2.2	560
M897266		2.92	15.00	0.14	1.2	0.055	2.81	19.8	12.1	0.72	576	2.28	2.20	6.9	2.1	580
M897267		7.23	18.85	0.13	1.3	0.334	1.17	27.7	15.4	0.98	1750	8.64	3.90	8.8	3.2	720
M897268		0.47	0.29	0.08	<0.1	0.010	0.03	0.6	1.1	12.75	211	0.15	0.02	0.3	1.9	180
M897269		3.65	19.25	0.13	1.3	0.112	2.61	21.6	18.5	1.01	801	1.49	2.83	8.6	4.4	850
M897270		3.69	17.55	0.12	1.2	0.139	3.28	20.2	29.3	0.69	785	1.41	1.24	7.6	2.7	600
M897271		3.32	18.10	0.16	1.2	0.076	2.95	24.0	24.6	0.61	652	1.82	1.75	8.2	2.7	650
M897272		4.52	20.0	0.12	1.1	0.316	2.34	18.0	44.0	0.70	952	1.53	1.72	8.0	2.6	620
M897273		4.53	20.5	0.11	1.0	0.308	2.39	16.9	47.9	0.70	956	1.52	1.76	8.0	2.6	620
M897274		3.35	17.20	0.10	1.0	0.154	2.39	21.8	30.4	0.70	1000	2.17	2.10	7.7	2.0	570
M897275		3.44	16.30	0.10	1.0	0.130	2.72	22.8	33.8	0.96	1080	1.26	1.14	6.9	2.1	560
M897276		3.04	17.75	0.13	1.2	0.068	2.94	23.5	12.9	0.75	566	2.66	2.55	7.9	2.6	590
M897277		2.94	16.55	0.12	1.3	0.077	2.94	21.5	9.8	0.72	668	1.30	2.14	7.2	2.4	570
M897278		2.83	16.95	0.13	1.3	0.054	2.78	21.5	11.2	0.71	561	1.15	2.35	7.2	2.4	570
M897279		2.95	16.40	0.13	1.1	0.122	2.89	19.4	15.6	0.58	1040	0.79	1.38	7.4	2.3	560
M897280		5.31	16.35	0.13	1.3	0.865	2.82	23.0	24.6	0.67	1990	11.80	0.27	7.5	15.3	500
M897281		2.97	18.20	0.12	1.3	0.062	2.97	20.6	16.8	0.45	766	1.45	1.46	7.9	2.4	610
M897282		2.82	17.35	0.13	1.5	0.046	2.86	22.1	16.7	0.70	534	2.00	2.24	8.2	2.4	570
M897283		2.91	17.40	0.13	1.3	0.048	2.88	24.6	15.4	0.74	500	1.24	2.36	7.9	2.6	570
M897284		5.56	16.45	0.12	1.4	0.862	2.93	21.3	25.7	0.70	2090	12.50	0.28	7.4	15.8	520
M897285		3.04	16.70	0.11	1.4	0.045	2.89	22.8	22.9	0.78	656	0.97	1.40	7.9	3.5	600
M897286		2.65	16.10	0.12	1.4	0.041	2.82	23.5	31.8	0.74	809	0.98	1.49	7.5	2.4	490
M897287		3.12	17.45	0.11	1.0	0.049	2.66	23.3	18.1	0.71	799	1.08	1.93	7.6	2.5	640
M897288		2.77	16.30	0.11	1.0	0.049	2.61	12.7	36.8	0.47	1280	0.71	0.10	7.5	2.3	570
M897289		2.94	16.85	0.12	1.1	0.078	2.72	21.9	36.7	0.61	1290	1.02	0.11	7.8	2.6	590
M897290		3.09	17.20	0.11	1.0	0.074	2.61	13.8	32.6	0.59	1340	0.84	0.07	7.8	2.3	620
M897291		2.62	16.20	0.11	1.0	0.065	3.11	20.9	34.7	0.55	2010	0.69	0.08	7.2	2.6	510
M897292		3.20	18.70	0.13	1.2	0.065	2.73	22.0	26.5	0.70	751	0.94	0.88	8.2	2.6	640
M897293		3.00	17.10	0.11	1.1	0.049	2.72	22.5	16.4	0.71	609	0.98	1.97	7.4	2.4	600
M897294		3.17	18.80	0.14	1.2	0.051	3.03	20.7	23.7	0.64	699	0.82	1.34	8.4	2.7	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897259		66.4	101.5	<0.002	0.08	22.9	10.2	1	2.7	155.5	0.59	<0.05	11.6	0.242	1.80	4.7
M897260		26.6	136.0	<0.002	0.32	21.1	11.1	2	3.5	192.0	0.62	<0.05	11.8	0.255	2.01	5.3
M897261		21.7	128.0	<0.002	0.03	12.40	10.3	<1	3.9	242	0.61	<0.05	12.5	0.260	1.48	4.1
M897262		16.8	95.5	<0.002	0.07	26.3	9.0	<1	3.1	272	0.59	<0.05	10.2	0.297	1.44	7.1
M897263		56.4	94.5	<0.002	1.00	36.9	7.8	<1	3.3	169.0	0.41	<0.05	9.8	0.176	1.28	15.7
M897264		1.5	1.6	<0.002	0.03	0.26	0.2	<1	0.2	43.6	<0.05	<0.05	0.2	<0.005	<0.02	0.7
M897265		16.7	94.3	<0.002	0.10	14.35	8.7	<1	4.2	196.5	0.62	<0.05	11.4	0.244	1.38	7.0
M897266		18.2	101.0	<0.002	0.01	4.04	8.7	1	4.0	336	0.62	<0.05	11.4	0.243	1.19	3.5
M897267		9.9	46.2	0.004	1.27	4.41	12.3	1	11.0	189.5	0.78	0.18	14.3	0.301	0.69	3.9
M897268		1.3	1.5	0.002	0.01	0.08	0.2	<1	0.3	42.2	<0.05	<0.05	0.2	<0.005	<0.02	0.5
M897269		18.3	94.6	<0.002	0.12	10.05	11.2	1	4.9	408	0.69	<0.05	11.6	0.312	1.17	4.1
M897270		15.4	135.5	<0.002	0.06	10.55	9.8	1	3.0	147.0	0.66	<0.05	12.0	0.269	1.65	3.6
M897271		15.2	132.5	<0.002	0.06	9.47	11.1	<1	4.1	213	0.67	<0.05	12.4	0.272	1.27	4.0
M897272		14.4	103.0	<0.002	0.18	15.25	10.5	<1	18.3	177.0	0.67	<0.05	11.8	0.267	1.26	3.3
M897273		13.4	99.5	0.002	0.18	15.25	10.3	1	18.4	172.0	0.69	0.06	11.3	0.274	1.25	3.1
M897274		13.3	104.5	0.002	0.14	9.87	9.8	1	6.9	151.0	0.60	0.07	12.1	0.248	1.18	3.1
M897275		15.6	113.5	<0.002	0.11	13.75	8.8	1	4.5	141.5	0.58	0.05	12.5	0.240	1.33	3.5
M897276		16.8	125.0	<0.002	0.03	4.22	10.2	1	4.5	321	0.68	<0.05	13.8	0.257	1.16	3.7
M897277		17.6	118.5	<0.002	0.02	3.30	9.1	1	2.5	284	0.62	<0.05	12.4	0.244	1.20	3.6
M897278		15.7	106.5	<0.002	0.02	3.34	9.3	<1	2.8	339	0.58	<0.05	11.7	0.253	1.08	3.2
M897279		15.9	119.0	0.002	0.12	6.91	8.9	1	2.9	266	0.57	<0.05	11.1	0.238	1.43	4.4
M897280		1330	165.5	0.003	3.12	32.4	8.6	<1	6.2	152.5	0.61	0.29	11.5	0.210	2.48	5.5
M897281		22.4	129.5	<0.002	0.07	10.90	9.9	1	2.9	190.5	0.66	<0.05	12.6	0.267	1.33	6.9
M897282		17.9	132.0	0.002	0.03	3.59	9.7	1	2.6	343	0.82	<0.05	12.8	0.245	1.15	4.7
M897283		19.0	123.0	<0.002	0.01	3.35	9.9	1	2.7	392	0.70	<0.05	13.4	0.252	1.13	4.4
M897284		1385	165.5	0.002	3.28	32.5	8.8	1	6.0	154.5	0.64	0.32	11.7	0.220	2.54	5.6
M897285		29.1	117.5	<0.002	0.04	6.67	9.8	<1	2.3	264	0.77	<0.05	14.7	0.263	1.20	5.3
M897286		28.2	126.5	<0.002	0.11	9.19	7.8	1	2.3	275	0.82	<0.05	15.4	0.211	1.31	5.3
M897287		28.4	111.5	0.002	0.02	7.83	10.4	1	2.9	325	0.62	<0.05	12.1	0.282	1.26	3.1
M897288		43.3	91.6	0.002	0.08	22.4	8.8	<1	2.8	138.0	0.58	<0.05	9.5	0.256	1.32	3.4
M897289		194.5	129.0	<0.002	0.09	42.3	9.9	1	2.6	100.5	0.62	<0.05	12.5	0.254	1.72	6.2
M897290		108.5	101.5	0.002	0.06	26.0	9.7	1	2.3	106.0	0.66	<0.05	10.1	0.273	1.37	3.0
M897291		56.2	141.5	<0.002	0.24	33.5	8.8	1	2.2	208	0.57	<0.05	10.7	0.232	1.91	3.3
M897292		22.5	116.5	<0.002	0.02	11.20	11.9	1	3.0	174.5	0.68	<0.05	12.8	0.288	1.26	3.2
M897293		19.2	114.5	<0.002	0.01	4.71	9.8	1	2.0	341	0.67	<0.05	13.2	0.261	1.20	3.6
M897294		21.4	125.0	<0.002	0.01	9.96	10.5	1	2.8	250	0.71	<0.05	14.2	0.283	1.25	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897259		64	4.3	14.5	281	29.3
M897260		71	4.4	14.2	71	28.3
M897261		70	4.5	15.0	48	30.7
M897262		70	5.5	14.5	61	71.3
M897263		54	4.2	14.9	102	20.7
M897264		2	0.2	0.8	14	0.5
M897265		65	2.6	13.4	48	30.7
M897266		65	2.5	13.0	44	25.2
M897267		73	6.1	19.8	94	30.9
M897268		2	0.1	0.8	13	<0.5
M897269		85	3.2	16.5	57	37.2
M897270		73	7.0	14.5	57	31.3
M897271		73	2.9	16.0	54	33.5
M897272		81	6.5	15.9	58	24.3
M897273		82	5.5	15.0	61	23.5
M897274		65	6.9	15.3	46	25.8
M897275		64	8.2	14.8	50	24.5
M897276		69	3.1	15.7	44	30.2
M897277		66	3.8	13.9	46	31.3
M897278		68	2.6	14.3	42	31.9
M897279		65	4.8	15.0	46	31.4
M897280		59	5.1	11.4	3060	40.5
M897281		72	3.8	15.1	51	34.5
M897282		66	2.6	15.4	44	35.6
M897283		66	2.1	16.2	41	33.1
M897284		61	5.2	11.1	3200	39.5
M897285		70	2.7	15.6	46	34.7
M897286		56	2.4	14.4	56	31.1
M897287		76	3.8	16.1	55	22.9
M897288		71	4.6	11.8	66	22.1
M897289		71	3.3	14.7	78	23.9
M897290		76	5.2	12.6	157	23.0
M897291		64	3.3	14.2	75	23.6
M897292		83	3.6	15.6	56	24.7
M897293		71	2.1	14.5	47	23.8
M897294		76	2.2	16.1	54	27.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza - 79

CERTIFICATE OF ANALYSIS WH12159052

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12159053

Project: Klaza-79

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

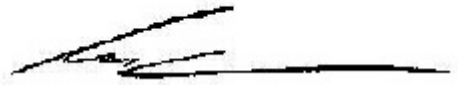
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159053

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897295		4.62	<0.005	0.10	7.47	10.1	1510	1.31	1.67	2.42	0.07	47.7	6.9	13	10.30	19.0
M897296		3.80	<0.005	0.12	7.21	9.2	1960	1.30	0.55	2.55	0.15	48.8	6.9	9	14.85	9.4
M897297		1.67	<0.005	0.27	6.30	18.4	2860	1.27	0.92	2.30	0.20	51.3	7.1	16	8.22	4.5
M897298		0.22	0.841	9.14	6.82	1900	520	1.31	6.08	1.94	38.7	50.4	16.3	21	15.95	113.5
M897299		1.73	<0.005	0.12	7.05	14.2	1980	1.34	0.81	3.41	0.20	56.4	7.9	11	12.40	7.1
M897300		4.33	<0.005	0.13	7.28	13.1	2280	1.31	0.72	1.98	0.10	48.7	6.9	11	14.00	7.4
M897301		1.61	<0.005	0.12	6.83	11.1	1990	1.67	0.43	2.40	0.13	41.1	7.1	12	16.60	7.9
M897302		3.12	<0.005	0.02	0.08	<5	30	0.11	0.04	21.0	0.06	1.21	0.7	<1	0.18	1.8
M897303		2.72	<0.005	0.08	6.68	7.8	2950	1.44	0.45	2.71	0.08	44.6	4.9	16	12.80	3.9
M897304		2.97	0.006	0.10	7.22	8.7	2220	1.50	0.36	2.42	0.10	46.8	6.1	18	12.90	4.7
M897305		1.71	0.022	0.73	8.35	39.3	3030	1.91	1.91	2.81	1.02	51.5	11.7	12	15.95	2.7
M897306		3.61	<0.005	0.02	0.12	<5	30	0.07	0.03	21.3	0.06	1.35	0.8	1	0.27	1.8
M897307		2.17	<0.005	0.06	7.80	30.8	1450	1.54	0.73	1.83	0.08	60.6	7.8	29	24.3	8.9
M897308		2.05	<0.005	0.10	7.73	12.1	2520	1.45	0.64	1.63	0.11	49.2	6.5	12	18.65	12.9
M897309		3.69	<0.005	0.05	6.35	9.4	770	1.86	0.12	1.39	0.18	35.4	2.0	6	21.1	2.9
M897310		5.37	<0.005	0.07	6.49	9.1	730	1.82	0.07	1.03	0.16	40.9	2.4	7	19.95	3.4
M897311		<0.02	<0.005	0.06	6.48	9.1	750	1.72	0.10	0.99	0.21	41.3	2.2	6	22.5	3.1
M897312		5.50	<0.005	0.07	7.10	10.4	1130	1.94	0.19	2.12	0.10	55.6	6.1	15	25.6	9.3
M897313		5.81	<0.005	0.03	6.78	7.0	1530	1.64	0.05	3.16	0.05	49.9	5.2	16	17.40	6.1
M897314		4.84	<0.005	0.04	6.54	6.6	1150	1.86	0.05	2.83	0.04	44.8	5.0	15	22.4	3.1
M897315		4.33	<0.005	0.04	6.94	7.5	610	1.81	0.05	3.05	0.04	49.2	4.9	16	21.7	4.8
M897316		5.34	0.012	0.03	7.31	6.4	1610	1.92	0.04	2.77	0.04	58.4	5.5	18	23.3	2.8
M897317		2.46	<0.005	0.05	7.02	5.7	1970	1.74	0.05	2.54	0.04	53.4	5.4	18	23.1	2.4
M897318		4.75	<0.005	0.25	7.50	7.7	1440	2.00	0.44	1.87	0.34	57.6	5.1	13	27.1	9.8
M897319		4.71	<0.005	0.12	6.66	9.7	930	2.09	0.07	2.80	0.18	51.2	2.8	8	27.3	1.6
M897320		5.16	<0.005	0.06	6.93	3.6	1500	2.07	0.04	2.64	0.10	50.6	3.5	12	25.1	1.4
M897321		5.09	<0.005	0.05	7.21	3.7	680	2.08	0.02	2.86	0.19	50.0	3.8	10	28.6	1.5
M897322		4.87	<0.005	0.08	7.16	6.1	1480	2.01	0.03	2.36	0.10	49.6	4.1	9	25.9	1.6
M897323		5.96	<0.005	0.30	6.82	6.1	450	1.98	0.04	2.49	0.35	48.5	3.3	10	18.90	8.2
M897324		2.81	<0.005	0.13	6.07	6.4	910	1.92	0.09	1.34	0.14	44.6	2.3	4	19.00	6.2
M897325		4.18	<0.005	0.36	7.58	11.8	2110	1.44	1.26	1.96	0.12	47.4	6.4	8	18.20	29.5
M897326		1.85	0.007	0.38	7.20	25.7	2240	1.60	1.45	1.90	0.20	47.5	14.8	6	25.9	18.4
M897327		2.16	0.059	11.50	7.68	51.5	1230	1.71	2.54	2.97	0.53	65.4	8.1	13	26.9	66.5
M897328		4.74	<0.005	0.14	7.38	10.3	2980	1.50	0.56	2.56	0.09	52.0	6.7	7	21.4	19.3
M897329		0.21	0.817	9.46	6.64	1855	530	1.48	6.00	1.89	38.9	46.5	16.0	21	15.25	111.0
M897330		4.77	0.011	0.17	7.53	23.2	2410	1.42	0.57	1.88	0.19	47.0	9.1	11	16.05	7.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159053

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897295		2.92	16.75	0.10	1.2	0.094	2.32	20.8	24.2	0.68	664	0.95	1.35	7.5	2.5	620
M897296		2.84	16.10	0.10	1.2	0.046	2.76	22.7	29.0	0.72	655	0.81	0.56	7.4	2.3	590
M897297		2.38	12.70	0.08	1.4	0.064	2.40	24.4	20.2	0.76	835	1.21	1.24	6.1	2.4	430
M897298		5.44	15.60	0.10	1.3	0.924	2.85	23.2	22.0	0.70	2030	12.80	0.27	6.5	16.6	510
M897299		2.91	15.35	0.11	1.2	0.065	2.58	27.1	58.2	1.09	744	1.33	0.36	6.5	2.8	520
M897300		2.95	15.80	0.10	1.2	0.092	3.03	21.7	33.2	0.71	687	2.07	1.01	6.8	2.6	550
M897301		2.79	15.60	0.09	1.4	0.048	2.85	18.5	41.5	0.67	595	1.60	1.39	7.0	2.7	550
M897302		0.50	0.24	0.10	<0.1	0.006	0.03	0.5	1.1	13.25	225	0.19	0.01	0.1	1.9	190
M897303		2.91	14.85	0.10	1.2	0.075	2.73	20.7	16.1	0.87	706	1.29	1.60	6.6	2.6	530
M897304		2.97	15.85	0.10	1.2	0.056	2.97	20.8	9.8	0.72	612	1.50	2.14	6.7	2.7	570
M897305		4.78	19.75	0.11	1.2	0.208	3.25	24.6	13.4	0.86	1410	0.95	2.13	7.2	2.9	630
M897306		0.50	0.26	0.09	<0.1	0.009	0.05	0.6	1.2	13.35	225	1.01	0.01	0.2	2.1	170
M897307		3.35	18.55	0.11	2.8	0.048	2.51	27.6	133.5	0.92	642	1.36	0.24	8.9	10.5	1220
M897308		3.04	17.30	0.13	1.2	0.068	3.25	21.1	54.6	0.72	608	1.21	0.29	7.2	3.1	640
M897309		1.45	15.10	0.10	2.0	0.013	2.70	16.4	29.3	0.48	589	0.70	0.03	8.6	1.7	220
M897310		1.36	15.60	0.11	2.1	0.014	2.77	19.2	23.3	0.41	486	0.62	0.03	8.7	1.6	240
M897311		1.33	15.85	0.11	2.1	0.015	2.76	18.9	24.4	0.40	473	0.79	0.03	8.9	1.9	230
M897312		2.35	18.05	0.12	2.4	0.030	2.49	25.2	107.0	0.77	615	0.82	0.07	8.6	5.6	820
M897313		2.19	16.75	0.09	1.7	0.026	2.62	22.3	90.1	0.84	609	0.77	0.86	7.7	5.7	720
M897314		2.08	17.85	0.10	1.7	0.025	2.61	18.6	40.4	0.70	475	0.70	0.63	8.3	5.8	710
M897315		2.13	17.00	0.11	1.7	0.026	2.50	22.6	16.1	0.84	474	0.66	1.14	8.1	6.0	710
M897316		2.29	18.70	0.10	1.8	0.026	2.81	25.4	65.3	0.77	549	0.75	1.54	8.7	6.5	780
M897317		2.18	17.80	0.12	1.8	0.028	2.75	23.0	63.6	0.72	523	0.74	1.49	8.5	6.7	770
M897318		2.05	18.30	0.30	2.9	0.063	3.01	26.5	61.2	0.72	479	3.70	0.41	9.6	7.6	680
M897319		1.79	16.65	0.11	1.8	0.021	2.94	21.7	37.0	0.58	498	1.15	0.62	8.6	2.0	450
M897320		2.02	18.05	0.11	1.6	0.021	2.84	22.0	38.3	0.60	504	1.25	1.09	8.4	2.4	550
M897321		2.10	18.45	0.11	1.7	0.026	2.68	20.9	49.8	0.70	557	1.15	0.65	8.8	2.4	570
M897322		2.04	18.05	0.10	1.6	0.021	2.51	22.7	60.4	0.69	460	1.35	0.04	8.4	2.4	560
M897323		1.86	16.30	0.10	1.8	0.020	2.27	22.1	111.0	0.70	522	3.09	0.18	8.3	2.0	440
M897324		1.20	14.70	0.10	2.2	0.012	2.37	20.2	80.0	0.46	375	2.16	0.04	8.5	1.3	230
M897325		3.13	16.50	0.12	1.2	0.040	3.00	21.0	38.9	0.65	550	2.13	1.02	7.1	2.5	580
M897326		3.55	15.80	0.11	1.1	0.135	2.67	22.9	39.8	0.68	1060	2.80	0.67	6.5	2.9	630
M897327		3.09	17.85	0.15	2.4	0.054	3.05	34.0	77.6	1.02	1340	1.90	0.07	8.1	5.2	900
M897328		2.98	16.25	0.10	1.2	0.049	3.38	24.5	57.5	0.77	532	1.51	0.77	7.0	2.5	590
M897329		5.28	15.50	0.10	1.3	0.902	2.85	21.9	21.8	0.68	1980	11.85	0.26	6.3	15.9	500
M897330		3.11	15.95	0.10	1.2	0.045	3.13	22.2	23.6	0.67	700	2.18	1.00	7.0	2.7	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159053

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897295		15.2	81.3	<0.002	0.06	17.55	9.5	1	4.8	148.5	0.70	<0.05	11.8	0.271	1.09	2.9
M897296		16.0	103.0	0.002	0.03	14.05	9.7	<1	2.5	180.0	0.65	<0.05	12.6	0.257	1.22	3.6
M897297		41.8	105.0	<0.002	0.24	8.76	7.2	<1	2.4	212	0.78	0.06	15.8	0.180	1.19	5.4
M897298		1355	156.0	<0.002	3.17	31.8	8.7	1	6.1	152.0	0.61	0.29	10.6	0.215	2.30	4.7
M897299		15.5	95.4	<0.002	0.14	13.15	8.9	<1	3.1	230	0.60	<0.05	11.9	0.229	1.11	3.4
M897300		15.0	124.5	<0.002	0.10	9.38	9.6	1	2.9	184.0	0.67	<0.05	11.5	0.246	1.27	3.0
M897301		17.9	118.5	<0.002	0.05	7.89	8.9	1	2.1	269	0.72	<0.05	11.0	0.231	1.21	4.9
M897302		1.3	1.3	<0.002	0.02	0.10	0.3	<1	0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897303		12.8	101.0	<0.002	0.06	5.22	8.5	<1	2.0	281	0.64	<0.05	10.7	0.234	1.18	3.2
M897304		16.0	108.0	<0.002	0.03	3.91	9.4	<1	2.2	337	0.64	<0.05	10.8	0.252	1.16	3.6
M897305		82.8	125.0	<0.002	0.44	9.09	10.9	1	3.1	270	0.71	<0.05	12.7	0.276	1.47	6.1
M897306		1.2	1.8	<0.002	0.01	0.11	0.3	<1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M897307		13.7	83.4	<0.002	0.03	16.35	10.1	1	2.0	353	0.69	<0.05	8.8	0.382	1.14	3.1
M897308		17.6	124.5	<0.002	0.04	10.80	10.4	<1	2.3	179.0	0.67	<0.05	11.1	0.276	1.34	3.0
M897309		15.9	109.0	<0.002	0.03	12.45	3.0	<1	1.4	170.5	1.07	<0.05	10.7	0.101	1.10	4.6
M897310		27.9	124.0	<0.002	0.03	10.25	3.1	<1	1.7	139.0	1.06	<0.05	11.2	0.103	1.14	4.7
M897311		24.4	122.5	<0.002	0.03	10.40	3.0	<1	1.7	138.0	1.06	<0.05	10.9	0.103	1.17	4.9
M897312		15.5	88.2	<0.002	0.03	16.60	6.4	1	2.6	390	0.76	<0.05	9.1	0.254	1.06	4.2
M897313		17.2	82.2	<0.002	0.01	5.88	5.0	<1	1.9	524	0.75	<0.05	8.2	0.228	1.02	3.7
M897314		17.5	77.2	<0.002	0.02	5.75	5.1	1	1.5	501	0.77	<0.05	7.3	0.226	0.99	4.0
M897315		16.4	85.0	<0.002	0.01	3.93	5.1	<1	1.4	581	0.77	<0.05	8.5	0.230	0.95	3.9
M897316		17.5	98.1	<0.002	0.01	4.07	5.9	<1	1.5	572	0.76	<0.05	9.1	0.251	1.03	4.0
M897317		16.9	98.6	<0.002	0.02	4.35	5.7	<1	1.5	560	0.71	<0.05	8.2	0.244	0.95	4.0
M897318		33.5	122.0	<0.002	0.03	8.71	5.6	1	1.9	378	1.15	0.16	11.2	0.220	1.34	5.6
M897319		32.8	107.0	<0.002	0.02	4.30	4.3	<1	1.4	406	0.79	<0.05	8.9	0.178	1.23	5.1
M897320		22.5	101.5	<0.002	0.02	3.86	5.1	<1	1.4	433	0.78	<0.05	8.3	0.210	1.13	4.2
M897321		23.9	94.7	<0.002	0.01	4.37	5.5	<1	1.5	419	0.79	<0.05	8.4	0.223	1.09	4.5
M897322		17.0	89.4	0.002	0.05	7.37	5.4	1	1.6	322	0.82	<0.05	8.4	0.212	1.08	4.8
M897323		44.9	70.6	<0.002	0.03	8.04	4.1	<1	2.3	342	0.86	<0.05	9.4	0.175	1.00	4.7
M897324		27.7	88.3	<0.002	0.04	9.16	2.9	<1	1.9	262	1.02	<0.05	10.4	0.100	1.09	7.9
M897325		19.2	121.5	<0.002	0.06	8.83	9.8	1	3.1	305	0.67	<0.05	11.2	0.252	1.31	3.7
M897326		13.8	110.5	<0.002	0.31	13.75	10.0	1	2.8	228	0.57	0.11	10.5	0.250	1.31	6.8
M897327		19.7	141.0	<0.002	0.36	28.1	9.6	1	3.3	457	0.66	0.05	11.4	0.297	1.78	3.0
M897328		15.7	141.0	<0.002	0.08	9.38	9.8	1	3.4	367	0.62	<0.05	12.2	0.255	1.67	3.1
M897329		1325	159.5	0.002	3.10	32.3	8.7	1	6.0	149.5	0.57	0.27	10.4	0.210	2.18	4.5
M897330		19.9	132.5	<0.002	0.17	9.55	10.3	1	2.4	277	0.63	0.08	11.8	0.264	1.51	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159053

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897295		70	3.1	13.9	49	25.7
M897296		69	2.8	14.9	52	26.4
M897297		47	1.8	12.6	54	29.9
M897298		61	5.0	10.8	3120	39.2
M897299		61	2.2	15.4	56	29.0
M897300		66	3.1	13.7	47	27.2
M897301		63	1.8	14.0	44	35.2
M897302		2	0.1	0.7	15	<0.5
M897303		61	2.2	13.6	45	25.6
M897304		69	1.9	13.9	44	27.3
M897305		82	4.7	16.4	138	26.9
M897306		3	0.2	0.8	15	<0.5
M897307		87	2.4	14.4	63	104.0
M897308		77	2.9	13.8	50	31.3
M897309		21	2.0	10.7	51	52.9
M897310		19	2.0	12.0	65	55.0
M897311		19	2.0	11.6	65	57.8
M897312		55	2.1	12.0	60	80.8
M897313		49	1.4	9.6	54	46.8
M897314		49	1.3	9.4	58	51.8
M897315		49	1.1	9.7	57	48.4
M897316		54	1.3	10.3	58	58.1
M897317		52	1.2	10.1	60	57.8
M897318		45	1.9	11.9	67	86.7
M897319		32	1.2	10.2	67	51.4
M897320		40	1.0	9.9	62	43.9
M897321		43	1.2	10.7	77	46.9
M897322		41	1.3	10.8	61	44.3
M897323		33	1.4	10.2	98	50.7
M897324		18	1.2	10.2	50	56.5
M897325		68	2.6	14.2	47	29.4
M897326		69	4.0	13.5	71	26.5
M897327		72	2.9	16.3	76	91.4
M897328		69	2.2	14.4	43	30.6
M897329		58	4.8	10.8	3020	37.9
M897330		72	2.1	14.4	45	27.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-79

Finalized Date: 30-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159053

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

CERTIFICATE WH12159054

Project: Klaza-80

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

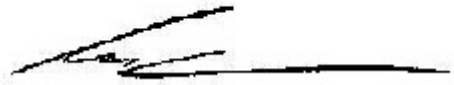
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159054

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899751		5.04	0.103	0.74	7.53	691	1510	1.54	1.48	0.64	1.90	64.5	2.3	8	11.70	189.5
M899752		6.81	0.096	0.56	7.95	218	1400	1.83	1.94	1.02	2.03	51.1	4.9	8	10.90	131.5
M899753		5.77	0.173	0.84	7.28	135.0	1000	1.80	1.31	0.41	2.25	39.5	5.0	6	11.50	85.9
M899754		6.07	0.054	0.82	7.30	85.2	1640	1.66	1.01	0.56	4.62	61.5	9.4	6	16.70	81.9
M899755		0.23	0.823	9.45	6.59	1705	1740	1.52	6.30	1.84	42.3	43.5	16.5	19	16.70	106.5
M899756		8.89	0.017	0.42	6.96	34.7	1510	1.86	0.64	0.62	6.77	60.4	9.7	6	17.70	64.3
M899757		6.60	0.027	0.40	7.05	38.2	1960	1.72	0.75	1.28	6.56	51.0	9.1	7	16.40	34.1
M899758		5.05	0.052	0.97	7.31	110.5	1480	1.54	1.89	1.55	7.43	45.6	6.1	6	15.75	12.8
M899759		2.45	<0.005	0.01	0.08	<5	30	0.08	0.02	19.85	0.08	1.25	1.3	<1	0.25	1.5
M899760		13.21	0.007	0.32	7.40	21.7	1760	1.54	0.55	2.45	1.75	50.9	4.0	7	10.25	12.5
M899761		8.56	0.010	0.52	7.81	26.6	1410	1.60	0.92	1.79	2.76	51.9	6.7	8	12.70	18.2
M899762		8.04	0.067	1.24	7.58	82.0	1660	1.37	2.51	1.79	4.03	54.0	10.2	7	16.40	19.6
M899763		5.62	0.059	0.51	7.64	33.5	1950	1.68	1.00	2.59	2.30	45.1	7.9	7	10.35	9.5
M899764		3.28	0.031	0.71	7.67	28.3	1480	1.60	1.38	2.69	3.07	41.7	6.1	7	11.50	12.4
M899765		5.22	0.051	0.32	7.27	22.0	2090	1.45	0.49	3.95	1.41	54.4	6.7	8	9.00	7.5
M899766		8.74	0.035	0.33	7.99	33.4	2250	1.55	0.62	2.55	1.36	55.6	8.7	9	8.97	10.1
M899767		10.44	0.174	0.56	7.43	66.4	1960	1.61	0.89	2.03	2.28	50.2	8.4	7	9.26	49.6
M899768		4.31	0.014	0.38	7.48	13.8	1990	1.59	0.62	2.02	2.17	46.2	6.9	7	9.17	9.0
M899769		5.76	0.046	0.96	7.37	49.5	2080	1.47	1.89	2.04	1.42	48.2	10.1	7	7.18	16.5
M899770		10.56	0.016	0.54	6.85	23.7	2360	1.39	1.20	2.26	0.98	51.4	12.4	8	4.75	10.7
M899771		15.07	0.008	0.19	7.32	11.5	1990	1.55	0.67	2.29	0.17	55.2	6.1	9	6.82	12.3
M899772		8.75	<0.005	0.19	7.33	7.0	2180	1.53	0.38	2.35	0.15	52.7	5.6	8	8.57	16.1
M899773		4.43	0.816	26.1	6.99	251	820	1.44	30.1	1.59	6.57	47.5	4.4	7	11.70	1965
M899774		12.38	<0.005	0.24	7.33	13.1	2030	1.63	0.43	2.42	0.39	50.3	7.3	7	11.70	8.6
M899775		13.82	<0.005	0.17	7.40	8.8	2100	1.63	0.44	2.37	0.13	50.2	5.8	12	8.44	9.2
M899776		6.02	0.005	0.14	7.44	8.4	2080	1.66	0.93	2.17	0.19	53.3	6.2	10	9.01	7.5
M899777		<0.02	0.006	0.14	7.29	8.1	2090	1.59	0.63	2.14	0.17	52.2	6.1	9	8.83	8.3
M899778		7.60	<0.005	0.16	7.05	12.6	2090	1.63	0.85	1.76	1.85	56.3	7.0	6	11.90	8.4
M899779		3.21	0.045	1.17	7.21	83.5	1090	1.63	3.39	0.40	3.56	52.9	9.6	6	13.25	15.8
M899780		10.24	0.014	0.47	7.13	19.2	2070	1.63	1.36	1.88	4.63	60.9	7.1	6	10.80	28.3
M899781		7.99	<0.005	0.18	7.50	4.0	2060	1.67	0.55	2.33	0.73	52.4	5.6	8	8.77	15.3
M899782		5.00	0.028	0.95	7.01	37.5	1670	1.61	2.67	2.06	3.02	49.9	5.6	6	14.55	16.5
M899783		0.22	3.99	>100	5.35	7500	1380	1.22	61.7	1.84	218	36.5	8.9	15	11.55	1200
M899784		4.47	0.453	18.40	5.68	314	400	1.32	14.65	0.24	48.6	52.6	5.4	7	13.75	204
M899785		2.75	<0.005	0.10	0.08	5	30	0.06	0.08	20.2	0.20	1.28	1.4	<1	0.23	2.8
M899786		5.97	0.089	19.20	7.02	182.0	650	1.53	34.4	0.47	20.3	50.0	6.2	6	11.25	70.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899751		4.27	17.35	0.10	1.3	0.252	2.43	34.3	12.0	0.40	278	0.98	1.26	6.7	2.0	570
M899752		6.75	18.65	0.09	1.6	0.431	1.73	24.4	14.8	0.63	520	1.84	1.37	6.9	2.7	540
M899753		4.95	16.15	0.14	2.2	0.363	1.57	21.5	16.3	0.53	409	1.30	1.86	6.9	2.6	320
M899754		3.00	16.05	0.17	1.7	0.273	2.00	32.9	8.2	0.63	711	1.12	1.90	7.4	2.6	450
M899755		5.19	15.95	0.18	1.4	0.953	2.73	21.6	24.7	0.68	1990	12.65	0.26	7.3	16.0	490
M899756		2.35	15.90	0.17	2.1	0.218	1.99	33.4	7.9	0.46	880	5.79	1.89	7.2	3.0	370
M899757		3.22	17.25	0.18	1.4	0.221	2.16	27.7	8.2	0.65	706	1.61	1.87	8.2	3.2	550
M899758		4.57	17.25	0.20	1.2	0.331	2.21	25.4	10.2	0.55	764	1.34	1.17	7.5	2.6	530
M899759		0.44	0.34	0.16	<0.1	0.006	0.03	0.6	1.2	12.50	207	0.12	0.01	0.4	4.9	190
M899760		4.07	17.60	0.17	1.2	0.160	1.78	26.4	9.7	0.81	536	1.11	1.89	7.8	3.0	600
M899761		4.53	18.90	0.18	1.4	0.303	1.76	27.0	11.3	0.96	494	1.13	2.06	8.3	3.2	600
M899762		4.61	18.45	0.18	1.1	0.621	2.28	28.8	11.9	0.92	682	0.57	1.32	7.8	3.9	600
M899763		3.56	18.50	0.17	1.1	0.283	2.01	21.9	9.7	0.90	662	0.69	2.16	8.6	3.3	690
M899764		3.58	18.85	0.18	1.1	0.364	1.85	20.4	10.2	0.90	745	0.52	2.18	8.9	3.3	700
M899765		3.37	18.55	0.20	1.1	0.150	2.18	27.7	15.4	0.73	764	0.70	1.11	8.5	3.4	640
M899766		3.46	18.40	0.20	1.1	0.154	2.46	28.7	12.3	0.86	590	0.61	1.94	8.4	3.4	660
M899767		3.14	18.35	0.17	1.1	0.205	2.59	25.9	9.7	0.73	447	0.72	1.74	8.1	3.2	590
M899768		2.73	17.45	0.19	1.1	0.133	2.49	24.1	10.6	0.66	434	0.54	1.89	8.1	3.1	610
M899769		3.05	17.25	0.19	1.1	0.240	2.64	25.8	8.5	0.87	467	0.83	1.96	7.8	2.8	560
M899770		2.83	16.40	0.18	1.1	0.240	2.38	26.7	7.7	0.74	481	0.71	2.15	7.5	3.1	530
M899771		2.86	17.50	0.19	1.3	0.097	2.47	28.9	9.8	0.81	424	1.93	2.20	8.2	3.9	580
M899772		2.90	17.55	0.19	1.4	0.081	2.49	27.3	10.5	0.75	447	1.21	2.15	8.0	3.4	550
M899773		6.63	18.55	0.22	1.4	2.36	2.89	24.4	9.1	0.58	610	0.88	0.35	7.3	2.6	480
M899774		2.87	17.90	0.19	1.5	0.069	2.43	25.1	13.3	0.68	454	1.47	2.03	8.4	3.1	580
M899775		2.80	17.90	0.19	1.5	0.070	2.42	25.8	15.7	0.80	440	1.42	2.27	8.3	3.1	550
M899776		2.84	17.20	0.19	1.4	0.099	2.57	28.0	15.0	0.80	413	1.15	2.26	8.2	3.2	560
M899777		2.74	17.15	0.19	1.4	0.097	2.56	27.5	14.6	0.79	403	1.03	2.23	8.1	3.0	560
M899778		2.80	16.20	0.18	1.5	0.148	2.59	30.5	10.7	0.61	500	1.43	1.90	7.8	2.8	480
M899779		4.01	18.55	0.20	1.4	0.249	3.15	27.8	11.8	0.49	437	2.44	0.38	7.6	3.2	380
M899780		3.27	16.30	0.21	1.7	0.096	2.62	33.8	10.0	0.64	687	2.38	1.59	8.0	2.9	480
M899781		3.08	17.75	0.20	1.5	0.069	2.68	27.1	11.6	0.78	512	1.96	2.16	8.6	3.1	580
M899782		3.61	18.45	0.20	1.5	0.186	3.20	25.5	9.3	0.67	910	1.85	0.82	7.7	2.8	530
M899783		7.70	14.10	0.23	1.1	4.73	2.12	18.7	35.1	0.60	2930	15.30	0.08	5.6	14.3	430
M899784		5.94	18.30	0.20	1.0	1.525	2.44	28.7	13.4	0.22	113	1.00	0.03	5.7	2.1	450
M899785		0.47	0.31	0.12	<0.1	0.010	0.03	0.6	1.1	12.55	220	0.15	0.01	0.4	4.9	170
M899786		5.45	18.90	0.21	1.0	0.659	3.10	26.9	7.5	0.39	651	0.92	0.17	7.8	2.5	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899751		83.7	148.0	<0.002	0.37	8.69	10.8	1	5.1	204	0.65	0.19	14.1	0.238	1.75	3.3
M899752		50.2	101.0	<0.002	0.17	7.84	10.8	1	12.1	248	0.78	0.08	15.3	0.240	1.23	3.5
M899753		141.5	113.0	<0.002	0.06	7.26	7.6	1	7.6	161.5	0.86	0.07	25.1	0.147	1.44	3.7
M899754		106.5	128.5	<0.002	0.14	6.76	8.9	1	4.7	152.5	0.76	0.22	20.7	0.188	1.74	4.0
M899755		1315	156.5	0.002	3.07	36.2	9.2	1	6.3	150.5	0.59	0.39	12.1	0.204	2.52	5.5
M899756		81.9	123.0	<0.002	0.24	5.10	8.5	1	2.9	143.0	0.91	0.11	23.6	0.162	1.54	4.4
M899757		73.9	102.5	<0.002	0.44	4.96	10.8	1	3.6	260	0.69	0.12	13.7	0.240	1.41	3.5
M899758		117.0	137.0	<0.002	1.72	6.16	10.9	1	5.3	160.0	0.63	0.08	13.7	0.231	1.68	2.9
M899759		1.7	1.9	<0.002	0.01	0.06	0.2	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899760		34.0	83.8	<0.002	0.18	4.16	11.6	1	3.0	372	0.60	0.06	11.8	0.257	1.15	2.9
M899761		59.0	99.9	<0.002	0.37	5.82	12.0	1	4.6	313	0.65	0.07	13.3	0.257	1.37	3.1
M899762		148.0	151.5	<0.002	1.71	8.40	12.0	1	6.3	179.5	0.61	0.22	12.6	0.258	1.82	3.1
M899763		65.8	84.7	<0.002	0.62	4.88	13.8	1	4.3	395	0.61	0.11	10.0	0.290	1.15	3.0
M899764		102.5	89.0	<0.002	0.53	5.76	13.3	1	5.0	340	0.62	0.10	10.4	0.294	1.22	2.9
M899765		50.4	77.6	<0.002	0.24	6.13	12.1	1	3.1	271	0.61	0.06	10.0	0.279	1.16	2.1
M899766		38.0	115.5	<0.002	0.57	4.18	12.9	1	3.6	352	0.62	0.08	12.3	0.275	1.34	2.9
M899767		62.5	127.0	<0.002	0.93	4.77	11.9	1	4.6	295	0.61	0.15	12.1	0.253	1.51	2.9
M899768		43.2	110.0	<0.002	0.26	4.06	11.8	1	3.2	299	0.61	0.09	12.1	0.254	1.34	2.6
M899769		73.7	132.0	<0.002	1.05	3.98	11.1	1	4.3	268	0.59	0.77	12.7	0.241	1.67	3.6
M899770		45.1	105.5	<0.002	0.58	2.65	10.6	1	3.2	294	0.57	0.12	12.0	0.233	1.35	3.8
M899771		16.7	108.5	<0.002	0.22	1.62	11.6	1	2.4	375	0.64	0.08	13.5	0.248	1.18	4.0
M899772		17.3	102.0	<0.002	0.13	1.51	11.3	1	2.6	369	0.63	0.06	13.3	0.238	1.17	3.9
M899773		121.0	183.0	<0.002	5.40	6.02	10.1	1	9.1	101.0	0.61	0.65	12.5	0.209	2.27	5.6
M899774		28.1	104.5	<0.002	0.19	2.35	11.1	1	2.4	348	0.66	0.06	12.8	0.243	1.26	3.5
M899775		17.1	103.5	<0.002	0.04	1.25	11.4	1	2.1	393	0.65	<0.05	13.5	0.241	1.20	4.3
M899776		17.1	117.0	<0.002	0.19	1.68	11.6	1	2.4	380	0.65	0.34	14.0	0.242	1.33	3.8
M899777		15.8	114.5	<0.002	0.19	1.66	11.3	1	2.3	375	0.66	0.18	13.2	0.242	1.28	3.6
M899778		16.3	121.0	<0.002	0.25	2.27	10.0	1	2.3	297	0.72	0.24	16.1	0.207	1.41	3.3
M899779		69.0	195.5	<0.002	1.98	5.87	12.5	1	9.3	97.1	0.60	0.62	13.3	0.236	2.67	3.9
M899780		29.7	128.0	<0.002	0.55	2.94	9.7	1	2.4	258	0.79	0.40	18.4	0.201	1.48	4.2
M899781		18.6	118.0	<0.002	0.03	1.51	12.3	1	2.4	359	0.69	<0.05	14.3	0.253	1.26	3.7
M899782		86.4	168.0	<0.002	1.25	4.07	11.0	1	6.9	176.0	0.62	0.23	12.9	0.216	2.34	3.4
M899783		9150	141.5	<0.002	6.87	205	7.9	2	9.1	125.5	0.41	0.46	9.6	0.173	2.13	5.9
M899784		5040	161.0	<0.002	5.10	35.5	9.2	2	18.3	96.8	0.45	0.90	11.0	0.178	2.32	4.5
M899785		10.2	1.7	<0.002	0.02	0.21	0.3	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899786		1395	184.0	<0.002	3.40	9.41	12.1	1	12.1	49.2	0.59	0.25	12.6	0.252	3.20	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899751		71	3.1	11.3	235	37.2		
M899752		81	3.4	13.7	372	42.8		
M899753		48	2.4	12.7	342	55.5		
M899754		51	2.2	15.9	381	44.4		
M899755		56	5.1	11.4	2950	39.4		
M899756		45	4.1	18.1	355	50.1		
M899757		63	1.7	15.6	389	38.4		
M899758		62	3.6	16.3	472	32.7		
M899759		2	0.1	0.8	16	<0.5		
M899760		71	2.2	14.8	196	32.7		
M899761		71	4.1	14.4	298	36.4		
M899762		71	3.1	15.9	346	30.8		
M899763		80	2.4	18.0	174	30.6		
M899764		76	2.4	18.7	207	31.1		
M899765		74	2.9	24.4	128	28.5		
M899766		75	2.1	17.8	132	29.5		
M899767		68	1.8	16.0	173	29.6		
M899768		70	1.9	13.6	146	29.3		
M899769		67	1.9	16.6	118	28.0		
M899770		64	1.2	16.2	89	28.2		
M899771		65	2.1	18.4	42	35.5		
M899772		64	2.9	17.7	42	38.6		
M899773		57	7.8	12.7	504	38.3		
M899774		65	1.6	17.1	75	42.5		
M899775		63	1.5	18.1	37	40.3		
M899776		65	1.1	18.0	43	36.4		
M899777		64	1.0	17.7	42	38.1		
M899778		56	1.1	17.3	234	38.8		
M899779		71	7.1	13.5	310	37.4		
M899780		53	1.6	17.6	361	44.0		
M899781		68	1.4	19.9	126	38.8		
M899782		61	3.9	14.2	291	39.9		
M899783		49	4.3	9.9	>10000	32.7	118	1.630
M899784		52	8.8	9.2	2560	27.5		
M899785		2	0.1	0.9	23	<0.5		
M899786		68	6.5	10.7	1100	25.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-80

Finalized Date: 31-JUL-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159054

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159058

Project: Klaza-74B

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

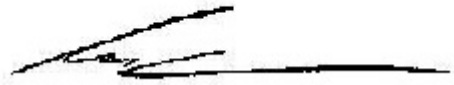
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159058

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895417		5.63	<0.005	0.02	4.67	4.3	1630	0.93	1.13	0.52	0.04	44.0	3.6	30	8.21	1.2
M895418		4.72	<0.005	0.07	8.13	4.2	2060	1.48	18.00	1.24	0.04	66.7	8.2	13	12.10	3.6
M895419		4.68	<0.005	0.21	5.11	6.1	1280	0.74	22.6	1.83	0.05	58.4	5.8	37	6.68	5.2
M895420		5.30	<0.005	0.09	8.67	18.4	1830	1.81	40.5	9.90	0.15	29.0	3.8	7	15.80	2.2
M895421		5.21	<0.005	0.03	7.96	11.2	970	0.97	10.65	9.05	0.30	52.9	4.6	16	9.79	3.9
M895422		9.99	<0.005	0.04	8.69	12	1290	1.73	21.9	12.00	0.27	30.0	2.9	8	12.70	1.3
M895423		0.27	2.34	24.8	6.17	3560	1460	1.29	18.55	2.25	78.8	46.4	10.7	18	13.35	449
M895424		5.95	<0.005	0.34	11.30	13.4	1650	1.91	16.90	9.03	0.32	53.0	4.2	8	19.70	7.9
M895425		7.56	<0.005	0.89	7.88	10.2	2330	1.46	7.13	2.22	0.09	37.2	7.6	11	15.85	4.2
M895426		1.75	<0.005	0.06	0.11	<5	30	0.06	0.06	20.3	0.05	1.37	0.5	1	0.19	1.4
M895427		6.32	<0.005	0.19	9.39	9.8	3300	1.90	4.60	5.23	0.23	41.5	8.9	10	17.95	29.0
M895428		5.29	<0.005	0.14	7.47	5.4	1960	1.37	1.64	2.37	0.06	46.9	7.4	13	9.06	2.1
M895429		3.92	<0.005	0.07	7.67	4.2	4140	1.43	0.73	2.29	0.06	44.4	7.8	20	9.12	1.6
M895430		<0.02	<0.005	0.08	7.53	3.6	4150	1.53	0.76	2.25	0.06	44.8	8.4	19	9.35	1.7
M895431		5.36	<0.005	0.08	6.75	4.2	1150	1.38	0.66	2.59	0.05	36.5	7.3	14	11.60	2.8
M895432		7.98	<0.005	0.06	7.35	5.4	1220	1.61	0.32	2.44	0.06	41.1	7.7	17	15.35	5.1
M895433		8.58	0.006	0.30	7.58	10.0	1560	1.67	2.42	1.92	0.04	51.5	7.7	16	16.90	4.2
M895434		6.85	<0.005	0.18	7.56	5.3	1430	1.44	1.31	2.35	0.06	48.4	8.1	11	13.50	2.2
M895435		3.97	<0.005	0.16	7.92	21.8	1210	1.55	0.90	2.84	0.12	59.9	10.4	25	46.8	7.0
M895436		8.06	<0.005	<0.01	6.73	32.0	870	1.36	0.10	4.35	0.13	45.9	9.9	43	28.6	5.0
M895437		4.66	<0.005	0.20	7.59	25.7	1820	1.52	0.28	3.60	0.12	49.0	9.2	18	18.85	104.5
M895438		4.23	<0.005	0.12	6.99	3.0	1270	1.35	0.08	3.59	0.06	42.5	7.5	17	11.60	81.5
M895439		4.79	<0.005	0.06	5.79	3.0	2200	1.46	0.10	4.56	0.05	30.3	10.7	14	12.00	19.7
M895440		4.72	<0.005	0.04	6.55	3.5	1360	1.45	0.06	3.63	0.04	35.4	7.8	17	12.35	22.4
M895441		6.42	<0.005	0.06	7.38	2.5	2170	1.40	0.20	3.13	0.05	35.9	7.8	13	11.50	9.0
M895442		0.27	2.30	25.2	5.90	2690	580	1.30	20.8	2.17	79.5	41.7	10.8	17	13.30	432
M895443		7.78	<0.005	0.16	7.12	9.2	1350	1.33	0.16	3.26	0.13	40.2	8.4	17	10.65	9.0
M895444		6.27	<0.005	0.36	7.80	14.4	1330	1.34	0.75	2.39	0.24	51.6	7.4	11	11.65	3.9
M895445		4.96	0.015	0.98	7.61	32.0	1330	1.34	0.77	2.20	5.15	50.1	10.1	15	9.90	14.3
M895446		6.10	0.064	1.74	7.75	115.0	1300	1.28	1.37	0.47	13.10	36.4	11.3	13	11.90	28.1
M895447		2.55	<0.005	0.03	0.13	<5	50	0.08	0.02	21.7	0.06	0.96	0.8	<1	0.25	1.7
M895448		7.12	0.028	2.31	7.43	244	1350	1.39	1.49	0.52	19.85	48.0	10.9	15	10.15	16.5
M895449		7.42	0.007	0.77	7.96	87.5	1090	1.31	0.80	1.14	3.91	49.4	8.0	17	9.00	5.8
M895450		5.17	<0.005	0.22	7.53	8.3	1180	1.47	0.73	1.67	0.06	51.9	7.9	14	7.81	2.0
M895451		2.82	<0.005	0.24	8.04	6.4	1150	1.48	0.66	1.79	0.03	61.0	8.4	16	7.99	2.5
M895452		6.59	<0.005	0.15	7.97	8.2	1100	1.46	1.18	1.19	0.03	51.3	7.6	14	8.88	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895417		2.00	13.55	0.17	1.1	0.112	1.59	23.4	15.0	0.22	448	1.84	0.24	6.7	2.2	550
M895418		3.42	21.2	0.18	1.3	0.397	2.48	32.0	29.1	0.48	1060	0.93	0.96	8.2	3.2	660
M895419		2.78	10.70	0.16	1.2	0.170	1.35	31.2	19.9	0.33	1020	2.68	0.39	7.9	2.9	700
M895420		6.22	35.3	0.14	1.5	7.09	2.05	11.4	19.8	0.23	2280	1.93	0.33	8.9	1.3	580
M895421		4.44	24.1	0.17	1.0	0.673	0.88	25.7	19.6	0.50	2220	1.03	0.08	7.3	2.5	610
M895422		5.76	33.8	0.13	1.0	1.390	1.79	11.6	15.7	0.24	2590	0.29	0.13	6.7	1.1	570
M895423		6.48	13.30	0.14	0.9	1.660	2.66	23.6	22.9	0.91	1900	12.45	0.04	5.7	14.5	450
M895424		5.97	36.9	0.15	1.2	2.15	3.60	27.0	20.5	0.43	2350	0.32	0.13	7.8	1.6	680
M895425		3.60	23.5	0.14	1.2	0.217	3.07	16.6	42.1	0.37	1230	3.75	0.50	7.4	2.3	680
M895426		0.46	0.27	0.11	<0.1	0.006	0.06	0.6	1.2	12.75	221	0.27	0.01	0.3	1.4	200
M895427		5.17	33.1	0.14	1.4	0.314	2.73	17.0	34.0	0.85	2280	0.39	0.63	9.3	2.7	770
M895428		2.90	16.40	0.15	1.2	0.081	2.58	20.5	29.8	0.51	1190	0.68	1.35	7.5	2.1	640
M895429		2.97	17.70	0.17	1.2	0.120	2.47	20.0	20.1	0.51	943	0.78	1.68	7.5	2.7	610
M895430		2.95	17.90	0.16	1.3	0.124	2.39	21.0	20.8	0.50	933	0.74	1.64	7.5	2.8	600
M895431		2.65	14.90	0.17	1.2	0.051	2.29	15.7	26.3	0.58	1020	0.86	1.30	7.4	2.6	660
M895432		3.09	16.00	0.17	1.4	0.047	2.08	17.8	22.3	0.59	785	1.32	1.60	8.1	2.8	650
M895433		2.68	16.05	0.15	1.3	0.064	2.56	24.8	23.4	0.61	873	1.32	1.40	8.0	2.4	700
M895434		3.07	16.65	0.07	0.9	0.050	2.56	24.0	46.0	0.78	1060	1.88	1.23	7.4	2.3	630
M895435		3.12	17.10	0.07	2.5	0.048	2.24	31.1	41.5	0.90	828	2.36	0.38	8.3	10.3	1090
M895436		3.35	19.45	0.08	3.8	0.037	1.57	20.1	58.7	1.04	952	0.90	0.96	10.4	17.7	1660
M895437		3.29	16.60	0.09	1.5	0.043	2.68	23.8	29.7	1.01	1110	0.91	0.94	7.9	6.5	860
M895438		2.95	16.10	0.07	0.9	0.032	2.39	19.1	21.3	0.65	1060	0.87	1.67	7.2	2.6	640
M895439		3.33	18.00	0.05	1.0	0.035	2.50	12.0	30.4	0.80	1250	0.78	1.43	8.2	2.8	640
M895440		3.03	16.25	0.07	0.8	0.028	2.62	15.9	19.2	0.74	1100	0.88	1.17	6.9	2.4	620
M895441		3.21	17.85	0.07	0.7	0.046	2.67	16.3	12.0	0.77	855	0.79	1.76	6.9	2.5	640
M895442		6.48	15.00	0.09	0.8	1.565	2.62	20.8	24.3	0.89	1840	14.00	0.04	5.8	15.4	440
M895443		3.18	15.55	0.06	0.9	0.040	2.95	18.3	32.1	0.87	1650	1.00	0.42	7.0	2.4	660
M895444		4.00	16.90	0.09	1.0	0.071	3.60	28.4	22.2	1.08	2490	0.59	0.05	7.2	2.3	650
M895445		4.54	16.80	0.09	0.9	0.117	3.58	25.0	20.8	1.04	3990	0.79	0.03	7.3	3.5	670
M895446		6.28	19.20	0.07	1.0	0.175	3.49	17.7	36.9	0.73	2920	2.35	0.04	7.2	3.0	670
M895447		0.50	0.29	<0.05	<0.1	<0.005	0.04	0.5	1.3	13.00	229	0.15	0.01	0.2	1.4	210
M895448		5.57	19.55	0.10	0.7	0.183	3.54	26.4	21.7	0.66	4370	1.12	0.04	7.0	2.9	590
M895449		4.22	18.00	0.10	0.9	0.133	3.47	25.0	35.4	0.84	2890	1.03	0.04	7.6	2.2	650
M895450		3.14	16.25	0.09	1.1	0.055	2.91	28.6	43.2	0.85	1340	0.98	0.08	7.5	2.2	640
M895451		3.39	17.50	0.11	1.1	0.060	3.08	31.7	45.3	0.91	1440	1.30	0.11	7.7	2.4	670
M895452		3.15	18.15	0.07	1.1	0.050	2.99	27.5	41.1	0.76	1090	0.67	0.60	7.7	2.3	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895417		6.0	106.0	<0.002	0.01	6.56	8.1	<1	1.7	101.0	0.57	<0.05	13.3	0.242	1.09	2.0
M895418		9.5	140.0	<0.002	0.01	6.63	15.0	1	2.8	181.0	0.69	<0.05	14.6	0.295	1.63	2.4
M895419		12.4	74.8	<0.002	0.08	7.63	12.0	1	1.7	145.0	0.68	<0.05	14.8	0.308	0.99	2.6
M895420		50.2	67.4	0.002	0.02	39.9	6.3	<1	35.2	941	1.03	<0.05	9.2	0.278	1.65	4.5
M895421		33.1	45.8	<0.002	0.03	26.3	11.4	1	3.7	911	0.58	<0.05	12.2	0.276	0.62	3.9
M895422		45.6	49.4	<0.002	0.05	38.6	7.1	<1	4.2	1120	0.59	<0.05	6.6	0.267	1.33	2.7
M895423		2830	162.5	<0.002	4.98	89.8	8.1	1	7.9	91.2	0.46	0.34	11.0	0.184	2.37	5.5
M895424		36.8	244	0.002	0.10	25.7	11.9	<1	4.5	642	0.64	<0.05	13.3	0.307	2.30	3.7
M895425		17.5	181.0	0.002	0.53	10.80	11.8	<1	1.8	167.0	0.63	0.32	10.4	0.310	1.97	2.1
M895426		1.2	1.8	<0.002	0.01	0.12	0.2	<1	0.3	36.8	<0.05	<0.05	<0.2	0.005	<0.02	0.6
M895427		21.1	95.4	<0.002	0.18	15.10	11.6	1	2.1	386	0.76	0.06	8.7	0.349	2.34	3.9
M895428		8.4	123.5	<0.002	0.17	4.40	11.2	<1	1.6	169.0	0.63	<0.05	10.9	0.285	1.47	2.1
M895429		10.8	136.0	<0.002	0.23	2.85	11.3	<1	3.2	235	0.64	<0.05	11.4	0.277	1.39	3.7
M895430		11.7	136.0	<0.002	0.24	2.87	11.7	<1	3.3	233	0.67	<0.05	11.8	0.275	1.41	3.4
M895431		7.9	102.0	0.002	0.10	3.34	11.1	1	1.5	188.5	0.64	<0.05	10.2	0.270	1.30	3.1
M895432		11.4	93.8	0.002	0.06	5.09	11.4	<1	1.6	247	0.80	<0.05	11.3	0.289	1.33	3.8
M895433		11.2	132.0	<0.002	0.30	7.82	13.0	<1	1.8	151.0	0.76	<0.05	12.2	0.299	1.53	3.5
M895434		8.5	139.0	<0.002	0.13	5.02	11.8	<1	1.6	181.5	0.57	<0.05	12.8	0.270	1.69	2.3
M895435		15.9	108.0	0.003	0.15	9.02	9.8	<1	1.4	396	0.63	<0.05	11.8	0.338	1.38	3.1
M895436		16.8	30.9	<0.002	0.02	15.75	7.4	<1	1.3	735	0.60	<0.05	5.1	0.437	0.91	2.1
M895437		18.2	118.0	<0.002	0.08	24.3	10.9	<1	1.4	333	0.56	<0.05	10.7	0.314	1.60	3.5
M895438		6.8	99.8	<0.002	0.02	3.13	10.8	<1	1.4	259	0.59	<0.05	9.9	0.276	1.33	3.1
M895439		9.6	75.9	<0.002	0.04	4.56	10.5	<1	1.6	330	0.64	<0.05	7.2	0.297	1.44	2.6
M895440		6.3	106.0	<0.002	0.05	7.27	10.8	<1	1.4	242	0.49	<0.05	7.5	0.268	1.53	2.2
M895441		12.6	99.1	<0.002	0.03	3.31	10.9	<1	1.5	419	0.52	<0.05	8.3	0.278	1.32	2.7
M895442		2740	152.5	0.004	4.80	94.9	8.0	<1	8.2	94.6	0.44	0.40	9.7	0.179	2.40	5.4
M895443		9.6	113.5	<0.002	0.10	5.67	10.7	<1	1.6	152.5	0.56	<0.05	9.8	0.283	1.92	2.8
M895444		33.1	194.0	<0.002	0.14	6.18	12.9	<1	2.0	111.0	0.53	<0.05	12.0	0.291	2.59	3.4
M895445		260	198.0	<0.002	0.46	6.60	12.8	<1	3.0	105.0	0.50	<0.05	11.2	0.285	2.43	4.1
M895446		463	169.0	<0.002	1.56	18.05	12.2	<1	6.0	76.5	0.54	<0.05	12.1	0.284	2.19	11.8
M895447		1.5	1.9	<0.002	0.02	0.10	0.2	<1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M895448		827	201	<0.002	1.06	14.65	12.1	<1	4.2	57.9	0.50	<0.05	11.5	0.261	2.25	3.9
M895449		214	192.5	<0.002	0.22	8.14	12.5	<1	2.9	74.5	0.54	<0.05	13.6	0.283	2.31	2.3
M895450		8.9	152.0	<0.002	0.12	7.79	11.8	<1	1.6	91.4	0.60	<0.05	14.6	0.271	2.03	2.7
M895451		8.7	160.0	<0.002	0.09	7.73	12.3	<1	1.6	96.2	0.60	<0.05	14.5	0.288	1.97	2.9
M895452		7.2	148.5	<0.002	0.12	6.28	12.3	<1	1.7	116.0	0.61	<0.05	14.2	0.284	1.72	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895417		81	1.0	5.0	41	25.7
M895418		112	1.3	10.5	86	33.5
M895419		68	1.1	9.0	56	28.8
M895420		207	2.1	10.6	63	33.6
M895421		145	1.0	15.7	83	26.5
M895422		202	1.3	10.8	59	25.0
M895423		57	5.1	10.1	5320	23.8
M895424		230	1.7	15.2	93	28.9
M895425		189	1.2	6.9	66	27.0
M895426		2	0.1	0.8	15	<0.5
M895427		205	1.2	12.6	173	33.7
M895428		87	1.1	9.1	69	27.3
M895429		105	1.3	11.2	118	27.8
M895430		104	1.4	11.4	115	28.7
M895431		81	1.0	11.2	64	27.4
M895432		85	1.6	13.2	62	30.6
M895433		95	1.9	11.2	54	29.7
M895434		76	1.6	11.5	59	25.4
M895435		85	1.8	10.6	83	93.9
M895436		89	1.2	9.6	102	164.0
M895437		81	1.4	11.7	84	50.7
M895438		80	1.4	9.6	54	20.9
M895439		88	1.5	9.5	58	24.6
M895440		79	1.2	9.5	49	20.6
M895441		90	0.6	10.8	49	19.2
M895442		55	4.8	9.2	5390	23.2
M895443		81	1.2	10.4	69	19.9
M895444		82	2.5	13.3	81	23.2
M895445		86	2.3	13.5	581	23.8
M895446		86	3.9	7.4	1380	24.7
M895447		2	0.1	0.7	16	0.5
M895448		101	3.6	8.5	2020	20.9
M895449		86	2.1	10.5	453	24.8
M895450		76	1.6	10.4	53	23.8
M895451		80	1.8	11.1	55	25.0
M895452		82	1.3	9.3	71	27.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159058

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159059

Project: Klaza-74B

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

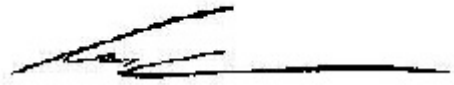
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159059

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895453		6.36	0.005	0.22	7.43	10.2	1000	1.57	1.21	1.47	0.04	50.7	8.3	17	8.53	3.0
M895454		7.59	<0.005	0.21	6.60	9.5	1270	1.59	0.76	2.26	0.16	42.8	7.0	19	11.05	3.1
M895455		6.49	<0.005	0.02	6.51	4.9	850	1.51	0.12	2.91	0.03	37.4	6.1	13	11.60	7.4
M895456		3.00	<0.005	0.03	6.69	3.9	890	1.59	0.15	2.78	0.04	40.3	6.7	17	11.85	2.3
M895457		5.23	<0.005	0.02	6.34	4.1	910	1.45	0.08	2.71	0.05	47.8	9.5	14	11.20	4.6
M895458		7.18	<0.005	0.01	6.65	6.0	840	1.41	0.09	3.16	0.04	44.3	8.4	14	9.66	4.9
M895459		4.53	0.006	0.24	7.08	12.4	980	1.54	0.74	2.64	0.05	39.0	11.7	12	11.00	5.1
M895460		7.59	<0.005	0.18	7.21	6.2	960	1.36	0.89	2.18	0.05	39.5	6.5	14	11.80	3.2
M895461		7.96	<0.005	0.21	7.43	9.9	920	1.33	1.72	1.76	0.03	46.2	7.9	15	11.00	2.6
M895462		4.64	<0.005	0.29	7.28	62.4	920	1.47	1.19	2.29	0.08	47.8	8.3	15	24.6	7.2
M895463		5.76	<0.005	0.26	7.20	40.3	1150	1.32	2.01	2.21	0.06	45.2	7.9	16	12.75	9.3
M895464		10.90	<0.005	0.25	7.28	27.9	940	1.30	1.58	2.10	0.07	44.4	9.3	13	10.65	11.4
M895465		0.22	2.39	24.3	6.25	3550	1860	1.20	18.65	2.24	75.4	43.1	9.9	20	14.55	439
M895466		5.02	0.048	0.60	7.89	46.9	1030	1.25	1.68	1.18	0.50	54.6	8.5	13	12.60	8.2
M895467		8.60	0.011	0.96	7.89	87.8	1130	1.35	2.18	1.33	0.40	47.2	11.5	14	14.90	7.3
M895468		5.13	0.006	0.85	7.75	54.2	1010	1.13	1.47	0.60	3.51	61.4	8.4	14	10.60	6.2
M895469		5.68	0.192	9.67	6.42	562	540	1.06	4.38	1.46	109.0	46.6	9.2	9	13.45	48.2
M895470		1.25	<0.005	0.02	0.07	<5	20	0.06	0.02	19.95	0.11	1.12	1.2	1	0.18	1.8
M895471		8.22	<0.005	0.17	7.46	15.0	1570	1.32	0.65	1.28	0.15	52.2	7.5	13	12.40	4.2
M895472		7.45	0.007	0.90	8.01	53.5	1840	1.31	2.05	0.99	1.24	54.8	11.1	13	12.80	8.7
M895473		4.92	0.011	0.86	8.65	114.5	3320	1.63	1.23	1.15	1.20	74.0	7.7	14	29.1	8.0
M895474		7.48	<0.005	0.14	7.44	24.9	1030	1.77	0.22	2.62	0.36	54.4	5.3	25	26.2	11.9
M895475		<0.02	<0.005	0.15	7.67	25.3	990	1.80	0.23	2.67	0.38	58.4	5.3	25	27.3	12.1
M895476		4.89	0.138	2.38	7.31	144.5	1260	1.34	3.48	0.49	1.77	53.3	11.4	12	18.60	13.4
M895477		7.94	0.020	0.95	7.52	54.8	2110	1.37	1.80	0.47	0.64	59.1	7.6	12	13.85	10.9
M895478		13.72	<0.005	0.14	7.02	27.2	1340	1.53	0.21	3.46	0.18	49.4	6.2	32	27.8	15.8
M895479		6.25	<0.005	0.09	6.94	23.7	1220	1.71	0.18	3.24	0.15	49.3	6.1	30	28.2	13.6
M895480		4.42	<0.005	0.66	6.98	33.6	1600	1.43	0.88	3.79	0.49	46.1	7.6	14	21.7	10.9
M895481		5.64	<0.005	0.23	7.51	14.3	2490	1.45	1.91	4.75	0.22	44.8	9.0	10	21.9	15.2
M895482		5.62	0.006	0.31	10.25	37.9	4410	1.53	6.91	6.23	0.34	46.1	8.7	9	34.5	3.6
M895483		8.01	<0.005	0.23	7.28	9.8	2300	1.34	1.51	3.95	0.12	43.0	8.8	15	16.60	11.6
M895484		0.31	0.777	9.26	6.65	1795	1510	1.34	6.27	1.85	40.0	45.5	15.4	19	16.50	99.3
M895485		7.63	<0.005	0.12	6.57	8.7	2980	1.18	0.20	3.63	0.09	38.2	7.9	12	14.15	7.0
M895486		12.61	<0.005	0.18	6.66	12.0	1640	1.28	0.11	3.13	0.40	40.7	7.8	16	14.45	5.3
M895487		7.26	<0.005	0.19	7.11	8.2	2290	1.37	0.15	3.51	0.83	44.4	8.0	11	24.0	4.3
M895488		1.54	<0.005	0.05	0.51	<5	160	0.14	0.10	18.50	0.12	4.03	2.0	2	2.09	10.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895453		3.13	17.20	0.11	1.3	0.074	2.64	24.9	21.2	0.66	1120	0.73	1.11	7.8	2.8	630
M895454		2.95	16.50	0.10	1.1	0.057	2.56	19.6	30.6	0.70	1100	0.87	0.88	7.7	2.9	590
M895455		3.25	15.50	0.13	1.2	0.035	2.34	16.7	23.3	0.61	943	3.92	1.32	7.2	6.0	600
M895456		3.16	16.20	0.11	1.1	0.039	2.41	17.1	22.4	0.62	927	0.75	1.29	7.2	2.8	610
M895457		3.19	15.75	0.10	1.1	0.032	2.32	23.5	17.4	0.73	832	1.53	1.55	7.3	2.7	580
M895458		3.43	16.35	0.12	1.1	0.037	2.17	21.7	19.6	0.73	896	0.53	1.70	6.8	2.8	590
M895459		4.26	15.75	0.11	1.2	0.078	2.68	17.3	31.8	0.75	1410	0.57	0.86	6.9	2.9	600
M895460		3.67	16.20	0.11	1.1	0.071	2.74	17.0	34.4	0.83	1240	1.53	0.70	7.3	2.5	620
M895461		3.04	16.25	0.09	1.3	0.055	2.72	22.9	20.4	0.60	944	0.67	1.10	7.5	2.6	600
M895462		3.00	16.80	0.13	1.2	0.047	3.01	24.8	31.8	0.81	1150	0.68	0.48	7.5	2.7	610
M895463		3.07	15.20	0.14	1.1	0.044	2.77	22.1	25.8	0.73	1140	0.99	0.74	8.2	3.0	640
M895464		3.38	14.90	0.16	1.1	0.050	2.95	22.6	31.8	0.79	1240	0.69	0.44	7.8	2.7	640
M895465		6.84	13.10	0.19	0.9	1.585	2.63	23.0	23.8	0.93	2020	13.15	0.04	6.5	13.8	480
M895466		5.28	16.10	0.19	1.1	0.143	3.43	29.2	34.3	0.88	2220	0.85	0.04	7.8	2.7	660
M895467		5.05	14.90	0.17	1.1	0.126	3.39	24.5	20.9	0.86	2690	1.14	0.04	7.9	3.0	660
M895468		5.29	15.70	0.19	1.1	0.153	3.52	33.7	14.5	0.73	4000	0.70	0.03	8.1	2.1	680
M895469		6.92	14.05	0.20	0.9	0.369	2.62	24.2	15.7	0.74	3610	5.73	0.03	6.5	2.7	560
M895470		0.49	0.30	0.08	<0.1	<0.005	0.03	0.5	0.9	12.55	233	0.10	0.01	0.3	2.1	160
M895471		3.85	16.40	0.15	1.2	0.093	3.07	28.1	57.6	0.90	1230	0.51	0.03	7.6	2.3	630
M895472		4.07	15.90	0.17	1.1	0.141	3.43	29.1	63.4	0.76	1810	0.66	0.05	7.8	2.5	700
M895473		3.73	17.95	0.16	2.1	0.103	2.77	38.6	79.3	0.70	1950	1.19	0.06	11.7	2.7	930
M895474		2.44	18.50	0.14	3.5	0.028	2.20	26.8	120.0	0.86	1100	1.15	0.07	11.1	13.8	770
M895475		2.51	18.75	0.16	3.7	0.028	2.29	29.3	122.0	0.90	1130	1.10	0.07	11.3	14.1	790
M895476		5.98	15.60	0.19	1.2	0.198	2.82	28.0	40.9	0.66	1700	0.70	0.03	7.9	3.6	660
M895477		5.28	16.50	0.17	1.2	0.214	3.34	31.8	29.5	0.68	2820	0.71	0.04	8.1	2.7	660
M895478		2.09	18.45	0.14	4.1	0.029	2.50	24.5	41.1	0.85	871	1.33	0.06	9.9	20.9	680
M895479		2.05	18.00	0.15	4.0	0.024	2.47	24.9	60.0	0.81	677	1.33	0.06	9.4	20.9	650
M895480		2.82	15.05	0.16	1.8	0.075	3.02	23.1	22.9	0.75	1880	0.92	0.04	8.2	6.6	670
M895481		3.47	17.30	0.16	1.3	0.067	3.20	21.3	27.1	0.90	1920	0.34	0.35	8.9	2.8	690
M895482		4.07	24.1	0.16	1.4	0.080	3.77	20.5	60.1	1.26	2680	0.17	0.62	10.5	2.7	790
M895483		3.00	15.70	0.15	1.3	0.040	2.74	20.9	25.6	0.89	1540	0.74	1.02	8.4	2.5	650
M895484		5.17	14.05	0.17	1.3	0.870	2.75	23.4	24.6	0.68	2040	12.30	0.25	7.9	14.0	520
M895485		2.88	14.05	0.14	1.1	0.035	2.56	19.1	30.7	0.85	1230	0.50	0.80	7.6	2.2	590
M895486		2.85	14.25	0.13	1.1	0.040	2.63	19.6	30.8	0.76	1620	0.81	0.89	8.2	2.5	620
M895487		3.04	15.25	0.14	1.3	0.039	2.83	21.0	55.7	0.89	1560	0.58	0.54	8.8	2.3	660
M895488		0.60	1.11	0.08	0.1	0.008	0.20	2.0	3.3	11.45	311	0.15	0.04	0.9	2.5	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895453		9.2	129.0	<0.002	0.12	4.50	12.5	1	2.0	138.0	0.63	0.11	14.3	0.277	1.54	3.0
M895454		17.0	102.0	<0.002	0.12	4.09	11.3	<1	1.6	173.5	0.59	<0.05	12.1	0.275	1.47	2.6
M895455		11.6	89.1	<0.002	0.04	3.17	10.4	<1	1.4	202	0.62	<0.05	10.4	0.274	1.39	2.5
M895456		7.3	97.1	<0.002	0.04	3.20	10.7	1	1.5	192.0	0.56	<0.05	10.5	0.273	1.40	2.3
M895457		7.3	111.0	<0.002	0.06	3.36	10.6	1	1.6	213	0.60	<0.05	12.1	0.275	1.30	3.3
M895458		6.3	86.4	<0.002	0.05	3.11	10.3	1	1.4	209	0.56	<0.05	10.5	0.266	1.18	2.8
M895459		12.4	111.0	<0.002	0.38	9.92	11.0	1	1.9	169.5	0.57	<0.05	11.2	0.270	1.61	3.5
M895460		10.7	123.0	<0.002	0.15	5.83	11.4	1	1.5	157.0	0.62	<0.05	11.7	0.281	1.77	3.2
M895461		9.6	142.5	<0.002	0.26	5.51	11.6	<1	1.5	131.0	0.63	<0.05	12.8	0.271	1.76	2.5
M895462		8.2	144.0	<0.002	0.17	6.94	12.0	1	1.9	159.0	0.58	<0.05	12.8	0.275	2.07	2.7
M895463		11.2	123.0	<0.002	0.37	8.00	10.7	1	1.7	164.5	0.64	<0.05	12.0	0.269	1.85	2.9
M895464		11.8	142.5	<0.002	0.31	7.83	10.7	1	2.3	133.0	0.59	<0.05	11.8	0.265	1.94	3.4
M895465		2820	158.0	0.002	4.88	85.7	7.5	1	7.5	93.5	0.50	0.35	11.1	0.182	2.32	5.7
M895466		18.5	186.5	<0.002	0.84	16.10	11.3	1	2.4	84.3	0.58	<0.05	13.7	0.267	2.17	4.5
M895467		79.8	171.5	<0.002	1.01	20.1	10.7	1	2.1	82.2	0.64	<0.05	13.6	0.267	2.33	8.2
M895468		153.5	203	<0.002	0.56	8.68	11.7	1	2.5	55.4	0.66	<0.05	14.3	0.270	2.57	3.6
M895469		3430	150.5	<0.002	5.01	21.7	9.6	1	5.3	133.5	0.51	0.05	12.0	0.217	1.94	4.8
M895470		3.4	1.5	<0.002	0.01	0.05	0.3	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895471		9.6	174.5	<0.002	0.17	6.64	11.4	1	2.1	125.0	0.60	<0.05	13.8	0.263	1.87	2.4
M895472		77.7	187.5	<0.002	0.42	8.55	11.9	1	2.3	101.5	0.61	<0.05	14.2	0.275	2.32	2.6
M895473		65.6	143.0	<0.002	0.48	15.35	9.3	1	2.5	337	0.85	<0.05	14.4	0.299	2.27	5.1
M895474		20.1	72.7	<0.002	0.13	12.20	5.6	1	2.0	523	0.81	<0.05	10.2	0.265	1.45	4.9
M895475		20.7	79.1	<0.002	0.13	12.40	5.8	1	2.0	536	0.84	<0.05	11.0	0.275	1.47	5.1
M895476		134.5	163.5	<0.002	1.99	10.85	9.9	1	4.2	126.5	0.62	0.09	13.1	0.241	2.07	3.7
M895477		49.2	192.5	<0.002	0.89	7.57	11.2	1	3.9	79.9	0.66	0.07	14.1	0.257	2.34	2.8
M895478		22.5	75.1	<0.002	0.30	8.63	5.5	1	2.0	572	0.77	<0.05	10.0	0.257	1.48	4.2
M895479		21.2	83.1	<0.002	0.19	7.39	5.3	1	1.9	596	0.73	<0.05	10.2	0.247	1.47	4.1
M895480		34.9	139.0	<0.002	0.23	7.53	9.0	1	1.8	391	0.70	<0.05	12.5	0.250	1.88	3.5
M895481		20.1	123.5	<0.002	0.24	4.94	10.7	1	2.8	328	0.73	<0.05	11.9	0.286	2.10	3.8
M895482		36.5	97.4	<0.002	0.20	8.08	10.6	1	2.2	518	0.91	<0.05	11.2	0.327	2.45	5.4
M895483		19.2	112.5	<0.002	0.22	3.95	10.0	1	2.7	345	0.73	<0.05	11.8	0.262	1.47	4.1
M895484		1290	159.0	0.002	3.01	33.0	8.0	1	5.8	154.5	0.61	0.33	12.3	0.203	2.40	5.4
M895485		15.1	108.5	<0.002	0.18	3.27	9.2	1	1.9	294	0.61	<0.05	11.0	0.241	1.50	2.9
M895486		19.1	120.5	<0.002	0.12	3.92	9.9	1	1.8	243	0.67	<0.05	11.3	0.257	1.65	3.9
M895487		38.9	114.0	<0.002	0.09	5.28	10.1	1	1.6	321	0.72	<0.05	11.6	0.274	1.91	5.0
M895488		11.9	12.5	<0.002	0.03	0.35	0.9	1	0.8	54.2	0.05	<0.05	0.9	0.017	0.14	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12159059

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M895453		78	1.6	10.0	67	28.4	
M895454		74	1.9	8.9	58	25.4	
M895455		77	1.3	9.3	49	26.0	
M895456		77	1.2	8.9	47	24.8	
M895457		76	1.0	10.5	39	24.4	
M895458		76	1.2	9.3	44	23.4	
M895459		74	2.3	10.6	56	23.5	
M895460		77	2.5	11.2	55	23.3	
M895461		79	1.8	10.1	53	25.8	
M895462		78	2.0	11.1	52	27.1	
M895463		74	1.7	10.9	42	27.9	
M895464		76	2.0	11.8	53	28.1	
M895465		56	5.4	10.2	5460	25.4	
M895466		83	2.9	11.4	120	27.9	
M895467		75	3.8	14.5	100	27.9	
M895468		77	4.4	10.4	476	28.2	
M895469		64	5.7	10.3	>10000	23.4	1.240
M895470		2	0.1	0.8	22	<0.5	
M895471		83	5.6	11.0	85	30.4	
M895472		82	4.0	10.8	198	26.4	
M895473		67	3.8	12.8	194	67.3	
M895474		50	1.7	12.2	85	135.0	
M895475		52	1.8	12.7	88	138.0	
M895476		70	6.4	8.4	275	33.2	
M895477		74	7.2	9.4	149	30.2	
M895478		50	1.3	11.1	70	156.0	
M895479		48	1.0	10.9	59	150.5	
M895480		67	2.5	13.4	79	59.7	
M895481		86	2.3	13.7	108	33.0	
M895482		131	2.2	14.7	191	36.3	
M895483		75	1.4	12.3	130	32.2	
M895484		56	5.3	11.7	2940	38.7	
M895485		69	1.2	11.1	80	29.6	
M895486		72	1.5	11.6	101	28.7	
M895487		75	1.7	13.2	125	33.3	
M895488		5	0.2	1.8	20	2.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-74B

Finalized Date: 1-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159059

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159380

Project: Klaza-79

P.O. No.: Batch 4

This report is for 23 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

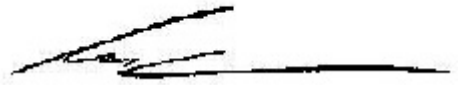
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159380

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897331		2.11	0.312	44.8	6.84	268	2060	1.52	0.58	2.37	1.29	49.3	7.3	8	17.65	127.0
M897332		2.60	<0.005	0.18	0.13	7	30	0.10	0.04	21.7	0.06	1.39	0.8	<1	0.26	2.8
M897333		4.46	<0.005	0.38	6.49	5.5	1520	1.94	0.28	2.41	0.20	43.6	1.8	5	16.00	14.8
M897334		0.22	2.33	25.7	6.25	2960	1360	1.20	21.3	2.28	81.4	40.8	11.2	18	13.60	444
M897335		3.07	<0.005	0.16	8.28	10.9	3700	1.14	1.20	1.96	0.24	45.6	6.7	4	12.80	32.9
M897336		3.59	<0.005	0.09	7.75	7.7	2380	1.53	0.35	2.73	0.10	43.2	6.1	12	11.55	12.4
M897337		1.78	<0.005	0.13	7.11	11.5	2730	1.29	1.03	4.18	0.11	39.0	29.8	8	10.70	3.2
M897338		3.02	<0.005	0.02	0.10	<5	30	0.05	0.02	21.8	0.06	1.09	0.7	1	0.28	3.1
M897339		5.21	0.011	0.10	7.11	7.7	2370	1.26	0.53	3.01	0.11	41.7	8.9	10	7.93	9.7
M897340		2.41	<0.005	0.08	7.73	7.4	2340	1.30	0.42	2.44	0.11	48.7	8.5	13	7.43	9.1
M897341		3.90	0.213	0.14	7.16	7.1	2310	1.30	0.46	3.34	0.15	45.0	8.8	11	8.61	10.5
M897342		<0.02	0.066	0.08	6.94	7.0	2210	1.32	0.51	3.25	0.14	42.3	8.4	11	8.36	9.6
M897343		5.06	<0.005	0.08	7.00	5.3	2140	1.43	0.55	2.76	0.12	39.8	7.5	13	10.85	11.8
M897344		2.27	<0.005	0.09	7.05	8.2	2170	1.36	0.42	2.49	0.10	43.3	6.9	10	11.25	11.0
M897345		0.89	<0.005	0.09	7.07	6.9	2210	1.43	0.46	2.37	0.11	48.0	6.8	9	11.35	12.1
M897346		1.56	<0.005	0.19	6.88	8.9	2690	1.20	1.07	3.05	0.11	42.0	9.9	9	8.98	3.4
M897347		1.89	0.014	0.10	7.72	6.7	2610	1.26	1.57	2.37	0.22	39.0	5.1	10	9.88	2.5
M897348		0.22	2.26	25.0	5.77	3360	210	1.38	17.40	2.14	77.1	44.3	10.6	20	13.95	417
M897349		4.37	<0.005	0.17	7.03	15.5	2300	1.52	1.48	2.96	0.42	43.1	6.2	12	13.05	5.0
M897350		4.44	0.007	0.13	6.84	16.2	1830	1.47	0.35	2.43	0.17	42.9	7.2	20	12.40	5.9
M897351		2.56	0.015	0.58	6.22	25.5	650	1.35	0.57	2.44	1.03	50.2	14.8	10	13.10	20.3
M897352		1.27	0.021	2.03	6.68	29.9	840	1.40	0.25	3.53	12.60	46.8	8.7	10	12.75	22.2
M897353		2.94	<0.005	0.08	7.48	6.4	2030	1.61	0.22	2.35	0.14	48.1	8.0	13	14.35	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897331		2.61	16.60	0.08	1.1	0.039	3.34	28.6	46.1	0.79	4960	2.72	0.06	7.2	2.2	510
M897332		0.49	0.34	<0.05	<0.1	<0.005	0.06	0.7	1.6	12.85	230	0.19	0.01	0.2	1.9	190
M897333		1.38	14.65	0.08	2.0	0.008	2.55	22.8	68.4	0.74	750	4.80	0.05	8.9	0.8	190
M897334		6.78	15.00	0.08	0.9	1.580	2.74	23.2	24.6	0.94	1940	13.45	0.04	5.7	15.5	460
M897335		2.63	16.40	0.09	1.5	0.039	4.21	24.8	37.5	0.68	606	1.83	0.48	8.1	1.6	670
M897336		3.26	17.55	0.08	0.9	0.051	2.92	20.0	17.4	0.83	654	3.14	2.05	8.3	2.5	660
M897337		4.39	19.95	0.08	1.1	0.224	2.31	18.6	19.5	0.79	1270	0.45	2.71	7.8	2.6	600
M897338		0.50	0.26	<0.05	<0.1	0.005	0.04	0.5	1.2	12.95	229	0.16	0.01	0.2	2.0	200
M897339		3.31	17.45	0.08	1.1	0.074	2.71	18.8	26.7	0.81	744	2.36	1.40	8.1	2.5	640
M897340		3.23	16.50	0.09	1.1	0.044	2.98	26.5	18.1	0.84	591	2.07	2.05	7.6	2.3	640
M897341		3.21	16.75	0.08	1.0	0.062	2.88	21.4	26.3	0.81	704	2.02	1.47	7.8	2.5	600
M897342		3.10	16.35	0.09	1.0	0.063	2.79	20.7	25.3	0.78	677	2.61	1.42	7.5	2.5	590
M897343		2.79	16.70	0.07	1.2	0.038	2.73	19.2	31.1	0.66	577	2.72	1.58	7.6	2.2	570
M897344		2.87	17.20	0.09	1.1	0.055	2.96	19.6	27.8	0.67	668	2.94	1.12	7.9	2.2	560
M897345		2.87	17.65	0.11	1.1	0.065	2.99	22.5	28.4	0.66	671	2.91	1.08	8.2	2.1	570
M897346		3.66	15.55	0.07	1.1	0.109	2.55	20.4	27.9	0.68	907	1.46	1.85	7.2	2.2	550
M897347		3.18	17.40	0.08	1.3	0.094	2.19	18.3	24.6	0.74	814	1.23	2.43	7.7	2.2	580
M897348		6.56	13.25	0.08	0.9	1.655	2.51	22.8	22.7	0.88	1800	13.05	0.04	5.5	16.0	430
M897349		3.28	15.55	0.07	1.3	0.113	2.18	18.4	18.5	0.67	899	1.07	2.16	7.5	2.7	540
M897350		2.83	14.75	0.10	1.1	0.072	3.02	19.9	23.0	0.63	748	3.17	1.31	7.5	2.6	550
M897351		2.55	12.55	0.12	1.4	0.066	1.92	25.2	76.4	0.80	1300	1.45	0.07	6.5	2.6	400
M897352		2.77	13.15	0.10	1.2	0.069	2.03	26.1	86.4	1.12	1340	1.76	0.03	6.6	2.3	470
M897353		2.87	15.65	0.10	1.5	0.045	2.82	21.1	25.6	0.69	595	1.66	1.71	8.2	2.7	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897331		207	158.5	<0.002	1.00	167.5	9.7	1	3.1	218	0.57	0.06	13.4	0.221	2.40	6.3
M897332		1.6	2.2	<0.002	0.01	0.45	0.5	<1	<0.2	42.5	<0.05	<0.05	0.2	0.005	0.03	0.5
M897333		23.8	94.7	<0.002	0.07	25.3	2.6	<1	1.5	279	0.92	<0.05	12.5	0.088	1.55	12.3
M897334		2870	159.0	<0.002	5.08	98.0	8.2	<1	8.2	95.1	0.43	0.37	10.3	0.186	2.45	5.5
M897335		23.1	145.5	<0.002	0.08	14.00	5.7	<1	2.0	257	0.58	<0.05	16.7	0.206	1.98	5.4
M897336		17.7	96.3	<0.002	0.03	5.94	10.7	<1	2.7	373	0.59	<0.05	10.1	0.276	1.30	3.2
M897337		9.4	76.3	<0.002	0.67	5.01	10.2	1	4.4	245	0.56	0.15	9.9	0.247	1.24	3.4
M897338		1.2	1.9	<0.002	0.02	0.20	0.3	<1	<0.2	45.0	<0.05	<0.05	<0.2	0.005	0.02	0.7
M897339		15.6	79.8	<0.002	0.10	7.39	10.3	<1	3.2	296	0.60	0.05	10.5	0.267	1.16	3.0
M897340		18.6	95.2	<0.002	0.02	5.64	10.1	1	2.6	374	0.59	<0.05	13.6	0.271	1.23	3.7
M897341		18.3	98.7	<0.002	0.04	8.86	10.5	1	2.7	334	0.58	<0.05	11.5	0.255	1.26	3.4
M897342		18.2	94.2	<0.002	0.04	8.60	10.1	<1	2.5	323	0.59	<0.05	12.1	0.245	1.22	3.5
M897343		17.9	87.2	0.002	0.03	6.63	9.5	<1	2.2	362	0.65	<0.05	11.0	0.248	1.17	3.3
M897344		17.2	101.5	<0.002	0.08	7.48	9.7	<1	2.4	261	0.62	0.07	11.2	0.247	1.36	2.9
M897345		17.2	121.0	<0.002	0.09	7.09	10.5	<1	2.7	245	0.62	<0.05	12.5	0.244	1.41	3.2
M897346		12.6	93.0	<0.002	0.83	5.75	9.4	<1	2.5	226	0.56	0.06	11.5	0.234	1.33	4.8
M897347		22.7	79.9	<0.002	0.18	8.81	10.1	<1	2.9	211	0.66	<0.05	13.9	0.251	1.11	3.0
M897348		2700	145.0	0.003	4.69	93.4	7.9	1	7.8	86.3	0.45	0.31	10.2	0.175	2.23	5.4
M897349		24.5	81.9	<0.002	0.24	8.52	9.9	1	2.8	252	0.70	<0.05	11.8	0.237	1.13	3.6
M897350		18.0	110.0	0.003	0.27	6.69	9.5	1	2.3	269	0.71	<0.05	11.4	0.240	1.61	4.1
M897351		74.3	98.4	0.003	0.68	21.1	8.1	1	3.9	151.0	0.75	<0.05	15.6	0.179	1.51	6.1
M897352		430	98.8	0.003	0.50	17.35	8.8	<1	3.6	179.5	0.66	<0.05	12.9	0.207	1.58	7.4
M897353		18.0	114.0	0.003	0.02	5.52	10.6	1	2.5	326	0.85	<0.05	12.9	0.256	1.35	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-79

CERTIFICATE OF ANALYSIS WH12159380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897331		59	2.9	14.6	125	28.4
M897332		3	0.1	0.9	15	<0.5
M897333		15	1.7	12.0	41	54.7
M897334		57	5.0	9.2	5400	23.5
M897335		44	2.7	13.3	51	57.2
M897336		75	1.8	14.7	50	27.3
M897337		72	5.5	15.9	55	29.5
M897338		2	0.1	0.8	15	0.6
M897339		74	2.7	15.7	49	29.0
M897340		74	2.7	14.6	48	27.9
M897341		71	2.6	17.1	52	27.4
M897342		68	2.6	16.5	50	26.6
M897343		67	2.7	14.6	45	29.2
M897344		67	2.8	14.4	44	30.3
M897345		68	2.7	15.0	43	32.6
M897346		60	4.3	13.3	46	27.0
M897347		69	2.1	13.5	47	31.6
M897348		54	4.8	8.7	5290	23.8
M897349		63	4.6	13.6	49	32.9
M897350		62	2.6	13.1	44	28.1
M897351		49	2.5	12.8	96	31.7
M897352		56	3.2	14.7	916	29.6
M897353		67	1.9	15.4	48	36.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-79

Finalized Date: 2-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159380

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159381

Project: Klaza-80

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

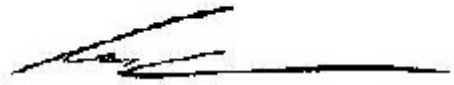
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159381

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899787		11.59	0.020	0.59	8.00	42.7	2020	1.87	0.83	1.75	7.59	63.6	7.8	9	17.80	32.8
M899788		5.72	0.313	2.88	7.29	152.0	470	1.52	3.29	1.04	4.13	57.4	6.5	9	13.40	43.5
M899789		0.30	2.36	24.9	5.95	3420	280	1.41	17.50	2.20	78.2	45.9	10.6	19	14.00	426
M899790		3.81	0.257	5.92	6.84	308	250	1.37	8.74	0.06	1.37	47.9	5.3	10	5.58	80.4
M899791		2.88	<0.005	0.06	0.22	<5	50	0.07	0.06	19.20	0.09	1.56	0.8	6	0.41	2.3
M899792		12.59	0.008	0.32	7.31	14.1	1870	1.47	0.54	1.89	4.61	53.8	6.0	9	14.15	21.5
M899793		5.13	0.005	0.17	8.00	16.3	2320	1.36	0.54	1.05	0.21	57.9	8.6	10	13.30	10.5
M899794		3.41	0.011	0.36	6.97	68.4	1360	1.52	0.66	1.99	2.07	54.7	6.8	16	28.6	13.4
M899795		11.48	0.006	0.24	7.60	12.4	2110	1.51	0.56	1.35	0.55	51.3	6.2	11	22.7	23.7
M899796		4.16	0.008	0.25	7.89	15.7	2280	1.17	0.66	0.91	0.70	51.7	7.0	8	12.85	13.6
M899797		2.36	0.016	1.26	7.35	14.5	2080	1.13	0.93	1.00	0.59	48.2	8.4	8	13.30	12.3
M899798		6.80	0.039	0.91	6.97	61.1	1600	1.54	1.67	1.49	2.01	52.1	7.3	9	17.70	20.4
M899799		10.81	0.018	0.40	7.40	29.1	2180	1.51	1.37	1.72	0.86	60.0	7.6	9	17.25	21.9
M899800		4.73	0.035	0.32	7.40	33.6	1830	1.39	1.17	2.07	0.84	54.1	7.7	8	17.75	16.0
M899801		6.81	0.016	0.34	6.96	19.5	2300	1.53	0.84	2.24	0.50	63.6	10.7	10	14.50	14.4
M899802		5.47	0.058	1.61	6.54	63.9	730	1.47	2.84	2.16	0.73	61.2	12.3	9	17.60	59.8
M899803		11.15	0.008	0.22	7.34	11.4	2290	1.49	0.53	2.28	0.70	54.3	6.0	10	12.70	17.3
M899804		5.14	0.015	0.44	6.68	30.3	1750	1.60	1.37	2.84	0.73	55.8	8.6	8	17.60	10.4
M899805		11.88	0.006	0.36	7.14	12.5	2200	1.59	0.88	2.48	0.44	54.4	8.4	9	14.45	13.8
M899806		8.62	0.006	0.29	7.04	13.0	2190	1.45	0.66	2.36	1.33	46.9	5.4	9	14.85	18.6
M899807		4.17	0.012	0.55	6.63	22.6	1410	1.48	1.35	1.97	1.23	48.7	7.4	10	19.55	6.8
M899808		9.16	0.006	0.25	7.27	12.8	2200	1.21	0.75	1.03	0.70	55.8	6.0	9	16.00	10.7
M899809		3.71	0.020	0.34	7.16	58.6	1450	1.32	0.73	1.31	1.28	50.9	10.2	8	15.40	20.7
M899810		7.21	0.005	0.17	7.68	8.6	2150	1.24	0.35	0.82	0.38	49.5	5.6	9	17.60	61.0
M899811		<0.02	0.006	0.19	7.40	8.6	2220	1.18	0.33	0.82	0.33	48.2	5.9	9	17.45	58.4
M899812		12.42	0.097	0.85	6.88	85.3	1710	1.43	1.44	1.97	5.18	53.4	6.4	7	16.15	32.5
M899813		4.00	0.226	2.86	6.59	258	640	1.28	7.24	1.30	4.40	61.0	5.9	8	7.19	100.5
M899814		0.29	2.32	24.6	5.49	3190	1110	1.21	16.95	2.01	74.5	44.6	10.2	18	13.75	407
M899815		12.52	0.014	0.44	7.04	39.2	1330	1.76	0.51	2.93	1.82	60.5	5.7	25	26.3	24.2
M899816		10.66	0.010	0.45	6.81	33.1	1750	1.71	1.13	3.01	0.67	62.0	6.0	25	36.9	28.1
M899817		3.22	0.181	36.7	6.66	221	440	1.50	161.5	4.12	6.73	43.8	8.2	8	24.9	1455
M899818		2.39	<0.005	0.19	0.11	<5	20	0.09	0.32	20.9	0.08	1.13	0.7	1	0.43	4.0
M899819		6.80	0.010	0.59	7.81	20.7	2490	1.45	1.30	1.80	1.25	47.4	6.2	7	18.40	60.7
M899820		7.20	0.008	0.24	6.70	11.0	2050	1.57	0.60	2.91	0.91	38.4	6.8	8	21.2	13.9
M899821		4.65	0.025	0.70	7.08	39.9	1600	1.56	1.44	2.54	2.08	44.0	8.6	6	23.3	21.4
M899822		4.37	0.223	2.66	6.65	184.0	530	1.65	6.58	1.35	6.81	49.0	7.9	7	18.60	90.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899787		3.39	17.95	0.13	1.2	0.192	2.96	30.2	21.3	0.61	675	1.04	0.72	8.5	3.0	660
M899788		4.10	16.20	0.11	1.1	0.222	3.24	29.7	9.0	0.56	744	1.28	0.05	6.4	2.3	500
M899789		6.74	13.45	0.10	0.9	1.610	2.59	23.0	23.3	0.90	1860	12.90	0.04	5.6	14.9	430
M899790		5.21	16.85	0.09	1.0	0.356	3.33	26.1	5.9	0.28	79	1.32	0.05	5.7	2.5	350
M899791		0.44	0.56	0.07	<0.1	0.008	0.10	0.7	1.8	11.50	196	0.15	0.01	0.2	3.2	200
M899792		2.79	15.60	0.15	1.2	0.112	2.68	29.5	14.6	0.60	502	2.07	1.54	7.5	2.5	560
M899793		2.87	17.65	0.11	1.2	0.103	2.79	28.9	32.2	0.37	568	1.77	0.50	8.8	2.9	640
M899794		2.69	15.65	0.12	1.0	0.150	2.64	28.3	20.5	0.65	894	4.57	0.06	7.5	3.0	540
M899795		2.94	16.90	0.11	1.2	0.106	2.70	24.3	23.3	0.49	368	2.23	0.54	8.2	2.5	600
M899796		2.63	17.40	0.09	1.1	0.102	2.75	26.1	34.2	0.26	593	1.53	0.09	8.2	2.1	620
M899797		2.53	17.25	0.12	1.1	0.117	2.50	22.7	31.7	0.24	535	1.59	0.08	8.0	2.5	570
M899798		3.41	15.85	0.11	1.0	0.279	2.24	26.0	60.5	0.58	932	4.02	0.04	6.7	3.2	580
M899799		3.15	16.40	0.13	1.0	0.232	2.88	33.8	16.4	0.51	590	1.39	0.85	7.7	2.7	580
M899800		3.07	15.55	0.08	1.0	0.153	2.84	29.1	18.6	0.70	846	2.24	0.19	7.3	2.6	570
M899801		2.94	15.25	0.09	1.0	0.192	2.70	36.0	12.1	0.73	524	1.48	1.76	7.5	2.6	560
M899802		3.29	14.45	0.09	0.9	0.351	2.71	36.0	13.7	0.68	546	2.27	0.85	6.6	2.7	500
M899803		2.55	15.60	0.15	1.1	0.096	2.75	28.4	14.0	0.63	521	0.95	1.59	7.4	2.4	560
M899804		2.68	14.75	0.14	1.0	0.313	2.47	28.6	18.7	0.76	837	1.06	1.15	7.5	2.2	580
M899805		2.51	15.00	0.10	1.0	0.172	2.66	29.6	18.9	0.76	551	1.55	1.89	7.1	2.3	560
M899806		2.51	14.70	0.11	1.1	0.124	2.71	22.2	10.8	0.65	509	1.51	1.86	7.2	2.6	570
M899807		2.46	14.60	0.11	1.1	0.327	2.61	24.3	14.6	0.63	680	0.89	0.66	7.1	2.3	510
M899808		2.60	15.80	0.11	1.1	0.159	2.61	30.4	24.4	0.44	682	0.90	0.19	7.9	2.7	580
M899809		2.47	15.95	0.13	1.1	0.184	2.70	25.9	19.9	0.49	757	2.13	0.08	7.5	2.1	560
M899810		2.67	16.95	0.10	1.1	0.092	2.86	26.0	26.3	0.36	560	1.85	0.10	8.3	2.0	610
M899811		2.64	16.10	0.09	1.1	0.094	2.76	23.3	25.7	0.35	542	2.15	0.10	8.0	2.0	590
M899812		2.93	15.25	0.14	1.1	0.250	2.61	26.1	15.2	0.60	1930	1.43	0.69	7.2	2.6	510
M899813		4.75	16.00	0.11	1.1	0.376	2.98	34.4	7.0	0.66	6610	2.99	0.03	6.3	2.9	470
M899814		6.03	13.25	0.10	0.9	1.590	2.42	23.0	22.0	0.82	1740	12.70	0.04	5.2	14.4	400
M899815		2.14	17.60	0.10	3.6	0.056	1.68	32.3	88.0	1.09	981	2.15	0.11	8.4	17.7	590
M899816		2.11	17.05	0.14	3.4	0.043	2.37	31.8	15.6	1.08	726	2.04	0.08	7.6	18.2	580
M899817		4.23	15.05	0.10	1.2	0.883	2.65	23.0	16.1	0.79	1120	4.23	0.13	5.9	6.1	470
M899818		0.47	0.33	0.06	<0.1	<0.005	0.05	0.6	1.4	12.25	214	0.13	<0.01	0.1	2.1	180
M899819		2.62	17.85	0.14	1.2	0.115	3.20	23.8	25.6	0.55	487	2.21	0.44	7.9	2.5	600
M899820		2.83	15.80	0.12	1.1	0.082	2.86	18.5	21.1	0.58	572	1.11	0.75	7.4	2.5	560
M899821		3.23	16.50	0.12	1.2	0.141	2.78	22.7	27.3	0.67	1160	2.60	0.08	7.6	2.6	570
M899822		4.25	17.10	0.12	1.1	0.294	2.63	26.7	20.4	0.60	1340	9.61	0.03	6.7	3.2	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899787		68.6	123.5	0.004	0.42	10.90	12.5	1	3.1	165.0	0.71	0.13	13.5	0.276	1.93	4.3
M899788		1105	182.0	<0.002	2.50	7.74	10.4	<1	11.2	35.7	0.61	0.24	13.8	0.214	2.57	4.5
M899789		2790	148.0	0.002	4.84	97.2	8.2	1	7.9	88.4	0.47	0.36	10.0	0.179	2.37	5.4
M899790		778	209	0.003	5.05	11.30	10.3	1	18.1	21.7	0.53	0.59	12.4	0.181	2.67	2.9
M899791		8.2	3.7	<0.002	0.03	0.16	0.4	<1	0.4	40.9	<0.05	<0.05	0.2	0.009	0.03	0.7
M899792		25.1	106.0	0.005	0.23	5.37	10.4	1	2.5	270	0.68	0.07	13.8	0.237	1.61	4.3
M899793		15.6	121.5	0.003	0.24	17.05	12.6	1	2.3	134.0	0.78	0.06	15.2	0.272	1.47	6.2
M899794		50.8	103.0	0.003	0.31	15.75	10.8	1	2.2	63.5	0.67	0.06	13.3	0.233	1.90	6.6
M899795		19.4	106.5	0.003	0.17	13.70	10.9	<1	3.5	123.5	0.76	<0.05	14.1	0.255	1.57	3.8
M899796		26.3	112.5	0.002	0.29	20.6	11.8	1	2.8	74.1	0.70	0.10	13.9	0.256	1.55	2.6
M899797		38.4	106.0	<0.002	0.34	17.80	11.3	1	2.9	70.6	0.70	0.83	12.3	0.238	1.40	2.5
M899798		60.8	105.0	<0.002	1.22	20.1	10.9	1	6.4	108.5	0.62	0.28	12.8	0.223	1.82	4.5
M899799		41.6	130.0	0.002	0.79	9.04	11.2	1	5.1	179.0	0.67	0.18	15.6	0.237	1.79	4.9
M899800		34.5	114.5	0.003	0.84	12.60	11.1	1	3.8	85.9	0.64	0.17	13.4	0.239	1.75	4.5
M899801		24.1	106.5	0.002	0.89	3.63	10.9	1	3.3	294	0.64	0.18	11.9	0.232	1.54	4.1
M899802		49.0	140.0	0.002	1.81	3.96	10.4	1	5.0	164.0	0.54	0.72	11.9	0.205	1.97	4.5
M899803		23.4	105.5	0.002	0.41	4.96	10.8	1	2.7	289	0.67	0.07	13.3	0.234	1.43	4.6
M899804		25.4	104.0	0.003	0.96	4.20	11.1	1	3.9	181.5	0.64	0.16	11.3	0.227	1.87	4.5
M899805		23.7	97.7	0.003	0.46	3.11	10.2	1	3.1	312	0.64	0.09	12.9	0.234	1.36	4.3
M899806		50.4	102.0	0.003	0.26	3.98	10.3	<1	2.5	313	0.65	<0.05	12.0	0.244	1.42	4.5
M899807		50.1	105.0	0.002	0.78	8.47	9.8	1	3.6	116.5	0.66	0.15	11.7	0.211	1.90	6.2
M899808		30.9	115.5	0.003	0.37	18.40	11.4	<1	2.2	86.8	0.70	0.17	14.7	0.232	1.65	3.7
M899809		46.0	109.5	0.003	0.35	17.65	10.1	1	3.7	69.8	0.69	<0.05	13.1	0.237	1.82	4.8
M899810		18.3	119.5	0.002	0.10	18.45	11.4	1	8.2	83.1	0.78	<0.05	14.1	0.258	1.55	2.9
M899811		19.0	116.0	0.003	0.12	18.00	11.3	1	7.9	79.8	0.74	0.06	13.3	0.246	1.42	2.9
M899812		168.5	114.0	0.002	1.09	10.75	9.8	1	3.9	174.0	0.68	0.13	12.5	0.208	2.04	4.6
M899813		187.0	143.0	0.003	3.33	19.45	9.0	1	11.5	49.1	0.59	0.43	12.6	0.193	2.92	5.1
M899814		2550	142.0	0.002	4.45	91.5	7.7	1	7.7	83.2	0.46	0.35	10.1	0.164	2.31	5.1
M899815		73.1	72.3	0.002	0.21	12.85	6.1	<1	2.0	352	0.75	<0.05	11.2	0.233	1.28	7.2
M899816		37.4	105.0	0.004	0.18	12.85	5.7	1	1.9	262	0.66	<0.05	11.0	0.228	1.48	5.8
M899817		343	112.0	0.002	2.73	41.6	7.7	2	3.8	183.5	0.49	0.50	10.4	0.199	2.00	5.3
M899818		2.3	2.4	<0.002	0.02	0.18	0.3	<1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899819		56.9	117.5	<0.002	0.38	15.05	10.5	1	2.5	152.0	0.66	0.15	13.7	0.262	1.88	3.1
M899820		46.9	93.2	<0.002	0.40	6.50	9.1	1	2.0	234	0.60	0.09	10.2	0.245	1.84	4.3
M899821		82.1	108.0	<0.002	0.60	16.05	10.6	1	3.1	125.0	0.63	0.14	11.8	0.252	2.27	4.2
M899822		196.5	146.5	<0.002	3.10	38.1	10.0	1	7.0	69.9	0.54	0.27	11.9	0.210	2.91	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-80

CERTIFICATE OF ANALYSIS WH12159381

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899787		76	2.4	16.4	548	30.7
M899788		63	5.2	11.4	449	28.0
M899789		56	4.8	8.9	5390	23.7
M899790		61	9.5	7.1	73	25.3
M899791		5	0.2	0.8	15	0.5
M899792		64	1.9	15.3	355	29.7
M899793		69	9.0	15.9	54	32.5
M899794		66	3.6	14.6	215	26.9
M899795		68	3.0	14.4	85	32.2
M899796		70	6.3	14.4	85	29.5
M899797		66	4.6	14.2	74	28.4
M899798		67	3.9	12.3	184	23.9
M899799		65	2.4	15.5	91	26.3
M899800		68	2.8	16.5	92	25.7
M899801		68	1.3	16.7	67	25.9
M899802		62	1.9	14.6	92	23.7
M899803		64	1.4	15.2	72	27.5
M899804		64	2.4	16.8	90	25.9
M899805		63	1.2	14.6	69	24.5
M899806		70	1.5	13.8	118	27.9
M899807		60	1.7	13.8	127	27.4
M899808		63	3.5	16.1	80	28.6
M899809		63	5.4	14.2	116	26.6
M899810		68	5.4	14.7	61	29.1
M899811		64	5.4	14.1	56	28.9
M899812		56	3.7	13.6	423	28.4
M899813		55	13.2	9.1	373	26.7
M899814		51	5.1	8.8	4970	23.0
M899815		46	2.9	11.5	212	131.0
M899816		45	2.4	11.5	96	119.0
M899817		60	3.6	13.7	534	35.6
M899818		2	0.1	0.8	14	0.5
M899819		73	2.3	13.2	112	29.6
M899820		66	2.1	13.7	91	27.2
M899821		70	5.5	14.1	214	29.9
M899822		61	10.7	12.0	528	30.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-80

Finalized Date: 2-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159381

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159382

Project: Klaza-81

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

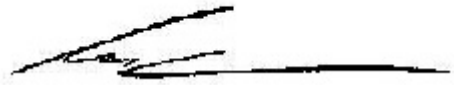
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159382

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899375		5.20	0.022	0.77	6.93	12.1	740	1.49	1.82	3.54	3.56	41.4	1.7	13	10.25	16.9
M899376		5.11	<0.005	0.56	6.79	6.6	610	1.61	0.91	3.28	3.33	38.5	1.3	14	5.98	8.1
M899377		8.42	0.021	1.10	7.13	8.2	620	1.62	2.45	2.67	6.20	37.6	1.9	12	5.90	24.8
M899378		9.02	0.038	1.44	7.48	14.1	790	1.74	2.62	3.30	10.45	43.2	3.9	12	7.29	40.5
M899379		4.58	0.112	1.90	7.20	20.0	690	1.48	14.45	2.54	8.32	45.4	1.1	16	4.66	54.1
M899380		15.11	0.023	0.81	7.35	10.9	1100	1.56	2.04	3.38	4.71	43.3	5.6	15	5.59	22.4
M899381		4.85	0.022	0.33	7.33	9.9	1620	1.46	0.67	2.98	2.98	44.8	6.7	13	6.92	11.3
M899382		2.94	0.289	1.08	7.80	168.5	2080	1.54	1.37	1.76	0.49	52.8	6.4	17	8.56	125.0
M899383		2.14	0.027	0.24	8.07	16.3	2750	1.61	1.07	2.48	0.11	50.9	5.4	15	6.93	40.5
M899384		3.20	0.061	0.46	7.71	31.0	2920	1.69	1.20	2.26	0.28	51.2	6.5	19	8.26	87.2
M899385		2.05	0.361	3.30	7.69	699	1280	1.53	1.59	1.49	5.38	52.6	4.3	11	13.85	60.0
M899386		1.42	0.853	4.05	7.36	1530	1670	1.59	2.22	2.41	0.57	52.3	5.1	15	9.01	110.0
M899387		3.12	0.017	0.26	7.49	23.6	2130	1.55	0.89	2.38	0.24	50.4	4.3	13	9.84	23.4
M899388		1.81	2.84	14.50	6.90	3980	600	1.48	2.58	2.03	24.3	56.1	6.3	11	15.60	91.9
M899389		2.72	0.005	0.36	7.30	80.2	1320	1.94	0.20	3.04	1.09	49.4	4.5	5	21.2	5.1
M899390		0.20	2.25	26.4	5.95	2820	800	1.38	19.90	2.15	77.6	40.8	10.4	19	13.05	443
M899391		2.67	<0.005	0.33	6.94	40.9	1950	1.80	0.17	3.10	0.42	45.6	4.4	5	21.4	4.9
M899392		1.06	<0.005	0.37	7.00	35.6	1540	1.67	0.15	2.99	0.40	48.1	4.2	6	21.2	7.3
M899393		1.63	0.131	1.22	7.02	167.5	2060	1.57	1.05	2.43	3.97	41.4	4.7	10	17.70	27.2
M899394		2.22	0.057	1.07	6.97	59.8	870	1.36	1.34	2.64	4.09	46.3	4.8	13	11.90	68.5
M899395		1.84	0.092	0.80	7.46	43.6	2510	1.60	2.72	2.89	1.72	45.6	5.9	11	13.15	149.5
M899396		3.87	0.045	1.38	7.32	32.6	2070	1.51	2.28	2.13	2.93	48.0	6.9	11	12.60	74.5
M899397		2.91	0.788	22.2	6.77	332	1430	1.43	15.15	3.64	15.40	49.6	4.6	9	14.20	651
M899398		2.37	<0.005	0.15	0.21	<5	40	0.08	0.06	21.4	0.08	1.66	0.9	5	0.35	2.2
M899399		2.60	0.092	1.61	7.90	118.5	2360	1.70	0.83	2.39	10.35	54.2	3.5	14	11.75	19.9
M899400		2.69	0.029	0.25	7.64	17.5	2470	1.57	0.53	1.72	0.31	51.3	3.9	10	12.70	31.0
M899401		<0.02	0.015	0.22	7.74	18.0	2450	1.45	0.55	1.74	0.27	48.0	4.1	14	12.55	29.7
M899402		2.52	1.605	3.44	7.31	1165	690	1.63	4.59	2.41	3.22	42.5	3.9	11	11.60	102.0
M899403		3.41	0.142	1.71	7.70	40.6	1190	1.60	0.94	2.58	5.38	71.9	3.6	13	9.53	9.2
M899404		3.05	0.090	1.48	7.22	54.5	1200	1.44	1.46	2.54	4.72	43.0	7.6	11	10.10	8.4
M899405		0.20	0.783	9.20	6.58	1810	1630	1.31	6.24	1.85	41.5	46.9	15.7	19	16.25	104.5
M899406		3.24	0.046	0.50	7.02	260	2140	1.60	0.82	2.61	0.51	47.7	5.3	14	9.06	32.0
M899407		1.87	0.009	0.22	7.52	19.9	2380	1.40	0.48	2.79	0.37	43.7	6.2	12	12.00	22.6
M899408		3.44	<0.005	0.02	0.11	<5	30	0.06	0.03	21.0	0.06	1.05	1.4	<1	0.40	1.3
M899409		4.25	0.317	2.28	7.14	181.0	990	1.36	1.14	2.26	2.38	51.6	8.6	11	12.25	132.0
M899410		2.05	0.201	1.05	7.11	155.0	1190	1.48	0.97	3.05	2.06	54.3	6.9	10	16.80	56.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899375		2.92	16.80	0.09	0.7	0.373	1.40	16.2	14.4	0.97	949	0.79	1.75	5.4	2.1	550
M899376		1.78	16.65	0.10	0.7	0.245	1.14	15.3	11.1	0.72	708	0.97	2.42	6.2	2.8	550
M899377		2.61	16.85	0.10	0.8	0.342	1.33	14.5	13.1	0.80	752	0.97	2.12	5.9	1.7	560
M899378		2.92	19.15	0.12	0.7	0.646	1.46	16.6	13.2	0.85	850	1.28	1.95	6.2	1.7	570
M899379		3.18	18.90	0.13	0.7	0.468	1.53	16.9	10.9	0.88	670	1.13	1.67	6.7	1.8	570
M899380		2.36	17.15	0.12	0.8	0.242	1.65	17.2	10.2	0.76	686	0.94	2.32	7.2	3.1	570
M899381		3.00	16.25	0.09	0.9	0.137	2.24	20.5	13.2	0.80	688	1.09	2.24	7.0	2.9	570
M899382		3.08	18.15	0.13	0.9	0.190	2.99	28.6	19.7	0.71	375	2.59	1.67	7.6	4.3	600
M899383		3.05	17.05	0.12	1.0	0.124	3.03	26.8	14.2	0.81	411	1.04	2.21	7.8	3.4	660
M899384		2.82	17.35	0.16	0.8	0.316	3.12	28.6	14.0	0.81	429	2.40	2.12	7.8	3.3	570
M899385		4.40	17.00	0.10	0.9	0.209	3.04	28.8	25.3	0.67	980	2.10	0.87	8.0	3.3	610
M899386		3.78	16.50	0.11	0.9	0.147	2.97	25.9	20.2	0.78	774	9.32	1.28	7.2	3.1	560
M899387		2.94	16.30	0.11	1.0	0.165	2.80	24.8	26.0	0.71	565	0.95	1.82	7.7	3.0	600
M899388		4.89	18.00	0.13	1.2	0.160	2.88	30.2	10.9	0.78	1370	4.25	0.20	7.0	3.5	590
M899389		2.67	20.3	0.12	2.3	0.036	2.69	22.5	28.2	0.71	760	1.78	1.28	9.7	2.4	890
M899390		6.42	14.65	0.10	0.9	1.540	2.65	21.7	23.5	0.88	1880	13.00	0.03	5.5	15.7	440
M899391		2.60	19.95	0.13	2.2	0.034	2.80	20.8	32.4	0.67	715	1.69	1.31	9.6	2.2	850
M899392		2.55	18.95	0.12	2.2	0.036	2.71	22.1	27.4	0.68	700	1.67	1.21	9.1	2.3	840
M899393		2.87	16.75	0.10	0.9	0.135	2.82	20.1	33.3	0.68	756	2.43	1.41	7.3	3.1	580
M899394		2.85	15.75	0.11	0.7	0.311	2.34	23.6	16.0	0.88	475	4.23	1.24	7.1	3.5	570
M899395		3.16	17.15	0.10	0.8	0.336	2.36	23.1	38.5	0.92	599	11.30	0.56	8.0	3.2	660
M899396		3.14	16.55	0.14	0.8	0.320	2.51	25.0	35.9	0.66	667	4.15	0.82	7.6	3.3	600
M899397		3.68	14.40	0.11	0.7	0.555	2.75	26.7	20.4	1.30	1110	2.82	0.28	6.6	2.8	580
M899398		0.59	0.45	0.07	<0.1	0.006	0.19	0.9	1.4	12.75	232	0.34	0.01	0.1	3.9	200
M899399		2.87	17.90	0.17	1.1	0.336	3.63	28.8	18.3	0.87	500	0.93	0.51	7.3	3.8	630
M899400		2.57	17.50	0.15	1.0	0.168	3.25	27.1	29.4	0.50	291	1.65	0.63	7.7	2.5	620
M899401		2.59	17.80	0.13	1.1	0.174	3.26	25.3	31.1	0.49	289	1.70	0.63	8.0	2.4	620
M899402		4.39	16.25	0.11	0.8	0.237	2.94	23.0	29.6	0.86	2080	2.93	0.53	6.4	3.0	580
M899403		2.94	18.20	0.15	1.0	0.202	3.18	40.5	7.8	0.97	711	1.42	0.69	6.8	2.8	610
M899404		3.35	16.50	0.13	0.8	0.125	3.11	23.1	9.5	0.96	623	3.60	0.39	5.3	2.7	550
M899405		5.22	14.50	0.14	1.3	0.934	2.79	24.5	24.2	0.68	1930	11.75	0.25	7.8	15.8	500
M899406		3.04	15.55	0.18	1.1	0.131	2.75	23.9	20.2	0.75	419	4.03	1.84	8.7	3.0	590
M899407		3.08	15.90	0.09	1.1	0.104	2.78	21.9	13.1	0.79	424	3.10	2.12	8.7	2.3	610
M899408		0.48	0.34	0.19	<0.1	0.005	0.05	0.5	1.3	12.40	216	0.17	0.01	0.4	2.7	170
M899409		4.40	15.65	0.16	0.9	0.255	3.22	27.2	13.5	1.04	1480	1.70	0.33	7.1	3.5	560
M899410		3.97	15.75	0.17	0.9	0.231	3.11	27.7	18.5	1.05	1360	5.73	0.12	8.3	3.0	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899375		76.8	56.6	<0.002	0.34	5.07	10.0	1	3.2	289	0.44	<0.05	11.7	0.180	1.23	2.6
M899376		82.6	38.9	<0.002	0.14	4.31	9.6	<1	2.6	337	0.50	<0.05	10.9	0.198	0.89	2.2
M899377		137.5	57.0	<0.002	0.52	4.82	10.1	<1	3.5	267	0.48	<0.05	12.8	0.203	1.03	2.3
M899378		267	66.9	0.002	0.69	5.18	10.5	1	4.4	257	0.49	0.08	13.6	0.197	1.20	3.7
M899379		211	69.1	0.002	1.26	4.56	10.8	1	3.8	208	0.56	0.10	13.7	0.223	1.21	3.1
M899380		119.5	60.2	<0.002	0.48	3.28	10.4	1	2.4	328	0.61	0.05	12.7	0.232	0.97	4.2
M899381		51.6	69.1	<0.002	0.35	3.46	9.6	1	1.6	367	0.59	<0.05	12.3	0.236	0.95	3.4
M899382		92.7	144.5	<0.002	0.95	8.14	10.7	<1	5.0	272	0.59	0.34	15.2	0.239	1.83	4.1
M899383		19.8	103.0	<0.002	0.42	2.80	11.0	1	2.2	404	0.65	0.23	14.7	0.275	1.44	3.1
M899384		34.6	134.0	<0.002	0.68	3.26	10.8	2	2.7	341	0.58	0.31	14.6	0.247	1.85	4.2
M899385		470	171.5	<0.002	1.53	12.85	10.9	<1	5.0	146.5	0.65	0.29	16.0	0.252	2.35	4.0
M899386		185.5	130.0	<0.002	1.46	13.50	9.9	1	5.0	272	0.62	0.18	14.4	0.237	1.81	3.9
M899387		17.8	115.5	<0.002	0.31	3.63	10.9	1	2.1	348	0.63	0.20	14.7	0.250	1.70	3.8
M899388		1385	172.5	<0.002	3.36	25.7	9.1	<1	13.5	117.5	0.59	0.23	14.3	0.222	2.35	4.2
M899389		37.6	91.8	<0.002	0.04	3.79	5.5	<1	1.7	419	0.70	<0.05	7.6	0.321	1.67	5.3
M899390		2780	150.5	0.002	4.81	93.3	8.0	<1	8.0	89.0	0.45	0.40	10.2	0.179	2.48	5.1
M899391		22.8	90.4	<0.002	0.04	3.69	5.1	<1	1.6	428	0.68	<0.05	7.0	0.309	1.61	4.3
M899392		24.8	89.8	<0.002	0.04	3.42	5.0	2	1.5	389	0.71	<0.05	7.8	0.312	1.64	4.4
M899393		163.5	113.5	<0.002	0.50	4.91	9.5	<1	3.4	365	0.59	0.08	11.0	0.246	1.90	4.2
M899394		107.5	127.0	<0.002	1.08	7.23	10.3	1	3.2	267	0.57	0.28	11.5	0.225	2.15	3.4
M899395		34.2	89.0	0.004	0.85	22.1	11.2	<1	3.0	195.0	0.66	0.32	12.1	0.260	1.87	3.5
M899396		36.2	102.0	<0.002	0.47	10.65	10.5	1	2.8	198.5	0.63	0.72	13.2	0.252	1.76	3.4
M899397		3730	137.5	<0.002	1.67	83.3	9.5	<1	5.3	122.5	0.53	0.34	11.7	0.222	2.25	4.7
M899398		4.2	4.5	<0.002	0.02	0.15	0.4	1	0.2	43.1	<0.05	<0.05	0.2	0.006	<0.02	0.7
M899399		263	183.0	<0.002	1.08	8.00	11.2	1	5.0	147.0	0.65	0.06	15.2	0.231	2.55	3.8
M899400		17.4	134.0	0.002	0.26	4.94	10.9	1	2.5	162.0	0.64	<0.05	14.3	0.253	2.00	5.1
M899401		17.3	123.0	<0.002	0.28	5.01	10.9	1	2.5	159.5	0.66	0.06	13.4	0.256	1.84	5.0
M899402		198.5	177.5	<0.002	2.89	12.40	9.8	1	7.5	116.5	0.53	0.13	13.9	0.216	2.39	4.9
M899403		312	187.0	<0.002	1.62	7.33	12.4	1	5.4	115.5	0.59	0.11	15.8	0.220	2.91	3.8
M899404		227	195.5	<0.002	1.99	6.22	9.4	<1	4.6	111.5	0.46	0.32	13.1	0.187	2.83	3.3
M899405		1315	159.5	0.002	3.11	33.8	8.9	2	6.0	153.0	0.59	0.32	13.7	0.203	2.62	5.7
M899406		64.9	104.5	<0.002	0.44	6.15	9.7	1	2.6	358	0.69	0.16	13.9	0.247	1.61	3.7
M899407		21.7	113.5	<0.002	0.28	3.25	10.5	1	1.8	411	0.65	0.11	13.5	0.253	1.30	3.8
M899408		1.6	2.4	<0.002	0.03	0.05	0.4	1	<0.2	43.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M899409		121.0	226	<0.002	1.73	12.55	9.4	1	5.2	111.5	0.54	0.33	14.2	0.214	2.99	2.9
M899410		108.5	163.0	<0.002	1.76	8.84	10.0	1	3.6	107.5	0.63	0.18	14.2	0.234	2.91	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899375		59	1.9	15.7	301	18.3
M899376		54	1.0	13.0	297	19.2
M899377		59	2.1	14.3	500	19.0
M899378		59	2.3	16.7	793	19.4
M899379		63	4.5	14.9	652	18.1
M899380		54	2.5	16.3	385	19.7
M899381		69	1.5	15.1	258	22.9
M899382		68	2.3	14.6	50	23.5
M899383		76	1.1	15.2	37	22.0
M899384		70	1.2	15.9	38	20.7
M899385		70	3.3	15.0	633	21.3
M899386		67	2.5	13.6	82	20.2
M899387		71	1.5	15.1	82	21.9
M899388		60	4.5	11.9	1700	22.5
M899389		48	1.3	11.0	248	56.6
M899390		57	5.3	9.2	5250	22.8
M899391		45	1.2	10.4	126	54.2
M899392		46	1.4	10.3	123	55.1
M899393		66	1.9	13.0	345	21.6
M899394		67	3.1	12.8	204	17.0
M899395		78	3.1	14.3	186	18.3
M899396		71	1.7	15.4	337	19.8
M899397		65	3.4	14.7	679	15.8
M899398		3	0.1	0.8	16	<0.5
M899399		73	3.0	14.4	473	23.5
M899400		71	1.9	14.4	85	23.8
M899401		73	1.9	13.8	85	24.2
M899402		66	3.5	11.9	227	19.5
M899403		76	4.5	12.7	272	21.9
M899404		66	4.9	10.2	233	20.0
M899405		56	5.1	11.8	2940	39.1
M899406		68	1.2	14.6	50	25.6
M899407		70	0.7	16.1	39	26.4
M899408		2	0.1	0.8	13	<0.5
M899409		65	5.1	10.6	178	20.9
M899410		70	3.1	14.8	184	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159382

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

CERTIFICATE WH12159383

Project: Klaza - 81

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

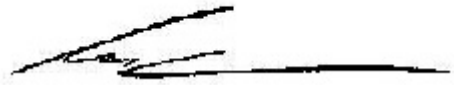
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza - 81

CERTIFICATE OF ANALYSIS WH12159383

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899411		2.43	0.019	0.19	7.12	12.0	1940	1.54	0.56	2.32	0.16	45.4	5.2	11	6.64	16.6
M899412		4.10	0.017	0.11	7.08	7.4	2190	1.41	0.72	2.55	0.09	44.5	6.0	11	8.06	26.4
M899413		3.34	0.154	0.22	7.16	9.2	2240	1.44	3.06	2.53	0.09	45.9	7.4	12	5.25	114.5
M899414		5.01	0.045	0.13	7.16	9.9	2270	1.61	1.10	2.43	0.09	43.2	5.2	12	6.66	30.6
M899415		2.11	0.066	0.22	7.42	10.3	2120	1.58	2.37	2.38	0.12	58.8	5.4	12	5.96	54.7
M899416		2.27	0.311	1.12	7.37	28.5	2320	1.70	31.4	2.57	0.13	58.9	14.6	13	8.24	188.5
M899417		2.95	0.307	1.21	7.14	11.9	2050	1.78	1.88	2.28	0.25	51.3	6.4	11	6.74	846
M899418		1.35	0.168	0.58	6.80	9.9	2050	1.47	1.37	2.20	0.16	47.6	5.6	10	6.29	518
M899419		1.63	0.109	0.64	6.62	66.6	1450	1.46	0.98	3.21	1.20	47.5	5.7	10	16.05	28.3
M899420		3.32	0.183	0.55	7.20	51.1	2060	1.69	1.89	2.42	0.19	44.1	6.8	10	12.65	93.9
M899421		4.46	0.122	0.30	7.23	17.3	2610	1.54	2.06	2.55	0.13	40.4	5.2	14	9.15	62.6
M899422		4.04	4.81	2.36	6.95	143.0	1170	1.37	13.20	1.07	0.46	37.1	9.2	11	7.31	24.2
M899423		5.88	<0.005	0.09	0.12	5	20	0.07	0.06	20.0	0.05	1.37	0.8	3	0.50	1.9
M899424		2.55	0.175	0.51	7.30	29.2	580	1.51	1.77	2.28	0.43	47.9	6.1	10	10.50	69.5
M899425		1.68	0.248	0.29	7.01	36.3	830	1.43	1.74	2.03	0.09	47.8	19.7	11	8.45	88.1
M899426		1.54	0.069	0.37	7.22	20.6	1010	1.29	1.74	2.09	0.23	57.2	5.9	11	7.47	75.0
M899427		0.26	0.828	9.76	6.47	1750	1480	1.74	6.90	1.84	43.1	45.7	16.5	20	15.90	107.0
M899428		2.72	0.047	0.38	6.30	28.4	2390	1.32	0.96	1.72	0.29	35.4	2.2	10	8.71	71.9
M899429		1.85	0.125	0.71	7.23	82.4	710	1.43	2.62	1.88	0.41	56.6	13.4	10	8.98	133.0
M899430		2.21	0.440	1.90	6.76	258	930	1.68	7.63	2.71	1.46	63.0	6.2	8	13.00	555
M899431		2.62	0.457	1.23	7.25	114.5	1300	1.74	1.17	2.55	1.11	53.7	8.6	11	15.10	211
M899432		2.00	0.430	1.95	7.38	188.0	1110	1.88	1.92	2.52	1.20	57.9	6.2	11	20.5	129.0
M899433		3.38	<0.005	0.09	0.09	<5	20	0.06	0.05	20.4	0.06	1.31	0.7	3	0.23	3.1
M899434		2.09	0.050	0.54	7.21	54.4	1300	1.47	0.85	3.13	0.15	47.5	7.7	10	16.35	81.7
M899435		3.25	0.155	1.58	6.65	139.0	1020	1.47	1.47	3.12	3.71	52.9	7.9	9	14.45	92.0
M899436		1.95	0.091	0.90	7.37	91.3	1360	1.53	1.74	2.41	0.81	51.4	7.8	10	16.60	178.0
M899437		1.69	0.056	0.47	7.04	61.7	1800	1.44	1.41	2.57	0.43	45.7	7.1	9	14.80	110.5
M899438		<0.02	0.068	0.48	7.33	62.8	1770	1.46	1.44	2.43	0.37	50.4	7.3	10	15.20	102.0
M899439		4.03	0.014	0.36	7.34	14.1	2190	1.51	1.24	2.80	0.13	61.5	10.5	10	12.25	50.3
M899440		0.23	2.28	23.8	5.70	3290	1450	1.24	20.9	2.12	73.5	44.3	9.4	19	12.75	422
M899441		2.67	0.020	0.59	7.33	14.4	2430	1.39	1.01	2.36	0.18	49.8	9.1	10	12.15	45.5
M899442		1.96	0.031	0.39	7.12	23.3	1630	1.35	0.97	1.90	0.16	44.8	8.5	9	19.00	75.5
M899443		4.75	0.873	2.30	5.63	170.5	270	1.21	4.55	2.98	1.01	44.4	62.9	10	19.75	59.6
M899444		2.10	0.408	3.31	5.69	226	1580	1.22	3.84	2.08	6.46	51.6	56.5	7	11.10	82.3
M899445		3.01	0.099	0.63	6.99	17.2	2410	1.46	1.17	2.24	0.32	43.4	6.4	10	10.50	139.0
M899446		3.26	0.032	0.28	7.26	13.7	2290	1.56	0.79	2.19	0.40	51.3	3.7	10	12.85	30.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza - 81

CERTIFICATE OF ANALYSIS WH12159383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899411		3.03	15.70	0.11	0.8	0.077	2.54	21.3	13.8	0.75	379	1.27	1.99	8.1	3.1	560
M899412		2.83	15.10	0.11	0.8	0.071	2.52	21.0	17.0	0.72	408	1.38	2.00	7.5	3.0	540
M899413		3.15	15.40	0.08	0.8	0.136	2.54	21.3	13.7	0.81	398	0.91	2.02	7.9	2.9	580
M899414		3.25	15.60	0.09	0.8	0.108	2.65	20.8	14.1	0.82	446	0.79	1.88	7.9	2.9	560
M899415		3.19	15.95	0.10	0.9	0.111	2.56	29.1	12.0	0.84	380	0.98	2.10	8.8	3.3	600
M899416		3.61	16.80	0.13	0.9	0.147	2.66	26.7	15.2	0.85	405	2.20	2.00	9.0	3.9	610
M899417		3.26	15.15	0.10	0.9	0.206	2.54	24.2	12.6	0.80	339	0.86	1.94	8.7	3.1	580
M899418		3.00	15.15	0.11	0.9	0.165	2.51	22.2	11.8	0.76	332	1.02	1.92	8.1	2.8	550
M899419		3.03	14.55	0.12	0.9	0.081	2.51	21.3	18.9	1.00	1020	0.60	1.11	7.9	2.8	560
M899420		3.63	16.60	0.11	1.1	0.140	3.01	19.6	22.3	0.81	746	1.64	1.49	9.8	3.5	720
M899421		3.09	15.85	0.10	0.9	0.105	3.05	18.2	15.8	0.80	578	1.32	1.59	7.8	2.9	600
M899422		8.34	16.10	0.12	0.7	0.158	3.41	16.8	7.4	0.61	560	2.16	0.12	4.6	3.0	550
M899423		0.47	0.28	0.07	<0.1	0.008	0.05	0.6	1.3	12.50	207	0.12	0.01	0.2	2.3	180
M899424		3.03	15.70	0.14	0.8	0.082	3.21	22.7	10.1	0.89	713	1.88	1.11	5.6	2.5	600
M899425		2.68	14.65	0.13	0.8	0.097	3.16	22.8	7.3	0.74	224	1.39	1.87	6.6	3.4	550
M899426		3.16	15.80	0.13	0.8	0.115	3.64	28.4	15.3	0.83	388	4.02	1.55	7.5	3.4	610
M899427		5.21	14.85	0.11	1.1	0.946	2.73	21.9	25.5	0.69	1900	12.00	0.26	7.8	15.7	470
M899428		2.31	14.20	0.11	0.6	0.091	3.54	18.1	17.5	0.75	282	5.95	0.55	5.5	2.3	470
M899429		3.58	17.25	0.10	0.8	0.116	3.72	26.2	16.7	0.75	276	4.47	0.59	7.2	5.6	660
M899430		4.40	16.05	0.12	0.7	0.317	2.72	32.3	33.1	1.02	564	2.40	0.09	6.4	3.6	570
M899431		2.96	16.45	0.11	0.7	0.137	3.31	26.6	12.6	0.92	1360	3.34	0.42	7.1	3.0	580
M899432		3.70	16.85	0.13	0.6	0.167	2.99	29.9	14.5	0.92	1780	1.96	0.04	7.5	3.2	550
M899433		0.46	0.20	0.07	<0.1	0.009	0.04	0.6	1.1	12.70	215	0.17	<0.01	0.1	1.7	150
M899434		3.03	15.10	0.12	0.7	0.139	2.95	22.3	25.7	1.08	788	1.51	0.06	7.2	2.7	610
M899435		3.94	14.40	0.13	0.7	0.222	2.75	27.6	27.1	1.18	2220	1.87	0.04	6.6	3.0	520
M899436		4.34	15.15	0.10	0.7	0.225	3.23	27.9	32.2	1.03	1210	1.63	0.06	6.6	2.6	570
M899437		3.72	15.45	0.11	0.8	0.175	3.32	21.0	28.5	0.85	970	1.23	0.17	7.6	2.8	580
M899438		3.87	15.15	0.12	0.7	0.177	3.18	25.1	27.1	0.90	977	1.15	0.15	7.1	2.7	560
M899439		3.29	16.30	0.13	0.8	0.109	2.61	29.5	18.6	0.88	452	1.00	1.53	8.9	3.1	620
M899440		6.49	12.50	0.13	0.8	1.560	2.46	21.9	22.2	0.88	1770	11.65	0.04	5.7	14.1	420
M899441		2.93	14.70	0.11	0.7	0.109	2.85	24.1	25.1	0.73	379	1.28	1.63	8.0	2.7	600
M899442		3.02	15.35	0.11	0.9	0.114	2.81	20.7	44.7	0.72	453	0.72	0.28	8.7	2.9	610
M899443		8.27	12.55	0.12	0.8	0.146	2.31	21.3	22.0	0.76	1080	7.16	0.05	6.4	4.6	500
M899444		8.49	13.25	0.13	0.7	0.241	2.58	27.7	8.3	0.91	2130	5.95	0.04	5.7	3.6	440
M899445		2.89	15.10	0.12	0.7	0.162	3.02	20.5	16.7	0.74	593	1.67	1.63	7.8	2.5	560
M899446		2.99	16.30	0.12	0.8	0.138	2.89	24.9	25.1	0.66	536	1.54	1.28	8.3	2.6	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza - 81

CERTIFICATE OF ANALYSIS WH12159383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899411		18.5	100.5	0.002	0.15	1.85	10.0	1	2.0	348	0.59	0.06	10.7	0.245	1.32	2.9
M899412		17.4	95.3	<0.002	0.09	2.06	9.6	<1	1.7	363	0.58	0.13	10.7	0.236	1.22	3.3
M899413		16.1	94.9	0.002	0.40	1.21	10.5	<1	2.0	365	0.62	1.23	11.7	0.251	1.31	3.4
M899414		15.2	110.0	<0.002	0.59	1.71	10.2	1	2.3	345	0.59	0.25	11.1	0.240	1.47	3.0
M899415		17.9	104.5	<0.002	0.17	1.64	11.2	1	2.1	369	0.63	0.23	13.8	0.260	1.44	3.6
M899416		19.2	112.0	<0.002	0.93	2.24	11.4	1	2.2	366	0.64	17.65	13.2	0.258	1.43	4.1
M899417		16.0	109.0	0.002	0.62	2.27	10.8	1	2.1	337	0.68	0.60	12.5	0.251	1.36	4.0
M899418		15.5	96.8	<0.002	0.46	1.85	9.8	<1	2.0	338	0.66	0.39	12.2	0.244	1.34	4.1
M899419		138.5	95.8	<0.002	0.65	4.54	9.3	1	1.8	258	0.60	0.19	11.5	0.243	1.81	3.8
M899420		21.5	122.5	<0.002	0.95	4.41	11.9	1	3.0	283	0.72	0.48	10.6	0.307	2.16	4.0
M899421		17.9	118.5	0.002	0.69	2.86	9.8	1	2.4	317	0.62	0.59	10.8	0.246	1.99	3.4
M899422		50.3	192.5	<0.002	8.29	2.98	10.3	1	6.8	49.2	0.33	1.72	10.3	0.157	2.74	3.7
M899423		1.4	3.1	<0.002	0.02	0.10	0.3	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.04	0.7
M899424		29.9	156.0	<0.002	2.04	5.63	9.7	<1	3.5	232	0.43	0.35	11.0	0.193	2.71	3.6
M899425		10.4	137.0	<0.002	1.60	2.22	10.7	<1	3.4	277	0.50	0.25	10.9	0.209	2.36	5.5
M899426		16.3	158.0	<0.002	1.53	2.44	11.4	<1	3.3	279	0.57	0.27	13.4	0.241	2.51	4.1
M899427		1300	159.5	0.003	3.02	32.6	9.2	1	5.9	151.5	0.56	0.32	11.5	0.204	2.58	5.2
M899428		14.1	167.0	<0.002	0.94	8.07	8.9	<1	2.8	180.0	0.40	0.24	9.8	0.185	2.71	3.2
M899429		22.6	160.0	0.002	1.84	8.50	12.6	1	3.6	177.0	0.53	0.39	10.7	0.231	2.83	2.6
M899430		68.0	157.0	<0.002	3.00	65.0	12.1	1	4.3	134.0	0.46	1.29	11.9	0.208	2.87	4.7
M899431		27.5	169.5	<0.002	1.42	26.6	10.5	1	3.1	145.0	0.50	0.20	10.7	0.232	3.22	4.2
M899432		66.8	177.5	<0.002	2.03	28.5	11.1	1	3.6	99.1	0.48	0.26	11.6	0.233	3.11	3.5
M899433		1.4	1.8	<0.002	0.01	0.19	0.3	<1	0.2	40.1	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M899434		19.3	112.0	<0.002	0.73	14.00	9.8	<1	2.9	109.5	0.54	0.17	10.4	0.247	2.57	3.3
M899435		104.5	181.0	0.002	1.84	21.5	10.2	1	3.4	107.5	0.50	0.31	11.5	0.212	2.98	5.4
M899436		25.5	211	0.002	1.25	14.45	10.7	<1	3.4	98.4	0.52	0.44	13.6	0.215	2.95	4.8
M899437		21.2	149.0	<0.002	0.94	10.40	9.9	<1	2.7	130.0	0.62	0.44	10.9	0.242	2.76	4.0
M899438		20.8	178.0	<0.002	1.02	9.78	9.9	1	2.7	124.5	0.55	0.40	13.1	0.232	2.63	4.3
M899439		16.2	120.5	<0.002	0.47	3.26	11.9	1	2.3	296	0.65	0.32	12.6	0.266	1.62	3.7
M899440		2670	152.0	<0.002	4.57	82.5	7.6	1	7.2	86.7	0.43	0.33	10.0	0.173	2.28	5.2
M899441		19.2	108.0	<0.002	0.39	5.18	10.2	1	2.1	321	0.61	0.15	11.3	0.262	1.64	3.8
M899442		15.6	104.5	<0.002	0.35	12.45	10.1	<1	2.4	118.5	0.70	0.11	12.0	0.278	1.93	3.6
M899443		94.2	120.0	<0.002	7.20	16.95	9.3	2	2.9	122.5	0.45	1.83	9.1	0.203	2.08	6.9
M899444		196.5	182.5	0.002	6.95	15.00	8.6	3	5.6	69.4	0.45	1.61	10.3	0.171	2.67	8.6
M899445		20.0	127.5	<0.002	0.49	5.36	10.1	<1	2.4	298	0.55	0.39	9.7	0.239	2.15	4.0
M899446		23.5	119.0	<0.002	0.19	5.91	11.1	1	2.4	269	0.56	0.15	10.6	0.261	1.91	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza - 81

CERTIFICATE OF ANALYSIS WH12159383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899411		67	0.8	13.0	33	22.3
M899412		65	1.2	13.1	31	20.6
M899413		71	0.8	15.1	31	20.1
M899414		69	1.2	14.0	39	20.4
M899415		72	0.6	16.3	36	23.0
M899416		71	0.6	16.4	32	24.7
M899417		70	0.6	15.8	32	22.3
M899418		67	0.6	14.4	31	21.6
M899419		70	2.5	13.0	137	21.3
M899420		92	2.8	15.2	49	31.3
M899421		72	1.5	12.7	45	22.6
M899422		66	7.7	8.2	52	20.8
M899423		3	0.1	0.8	13	0.6
M899424		67	3.6	10.1	55	21.0
M899425		70	1.8	10.0	25	20.5
M899426		71	1.9	12.7	39	21.0
M899427		59	5.1	11.0	2910	35.1
M899428		60	1.8	10.1	52	16.8
M899429		77	3.2	14.3	124	22.3
M899430		73	3.8	14.5	149	20.0
M899431		69	2.2	13.3	128	17.9
M899432		68	2.0	13.9	144	18.5
M899433		3	0.1	0.8	14	<0.5
M899434		74	1.3	11.8	73	17.6
M899435		63	3.4	12.5	347	17.6
M899436		67	2.8	12.7	116	17.9
M899437		71	3.2	11.9	80	19.1
M899438		67	3.3	12.6	80	19.0
M899439		74	1.0	17.0	34	21.0
M899440		56	4.7	8.6	5180	20.6
M899441		72	1.2	13.5	34	18.4
M899442		75	3.5	12.9	44	21.4
M899443		60	2.5	12.7	103	23.5
M899444		52	4.2	11.5	490	17.2
M899445		68	1.3	12.7	46	20.3
M899446		74	1.6	14.8	48	21.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2012
Account: ROCKHA

Project: Klaza - 81

CERTIFICATE OF ANALYSIS WH12159383

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159384

Project: Klaza-81

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

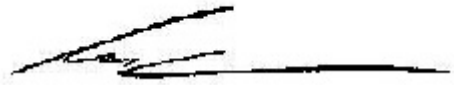
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159384

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899447		1.68	2.67	>100	6.31	1080	630	1.41	162.0	2.19	177.5	42.6	4.8	17	14.20	2680
M899448		3.25	<0.005	0.05	0.06	<5	20	<0.05	0.07	21.0	0.09	0.93	1.3	<1	0.14	1.8
M899449		2.93	0.094	1.08	7.06	21.2	1750	1.35	1.52	2.76	1.28	44.2	7.9	17	22.5	22.4
M899450		4.42	0.054	0.78	7.20	12.5	2230	1.27	0.74	2.52	1.60	49.2	5.3	21	9.90	22.2
M899451		1.58	0.047	0.20	7.19	7.4	2100	1.23	1.09	2.30	0.12	55.7	7.0	15	4.95	44.1
M899452		0.87	0.044	0.22	7.44	7.7	2210	1.24	0.92	2.39	0.12	52.6	6.8	16	5.28	41.8
M899453		1.65	0.110	1.14	7.61	13.7	2470	1.23	2.69	2.63	1.61	53.3	8.7	19	10.00	32.1
M899454		2.19	0.045	0.24	7.52	8.8	2190	1.25	1.20	2.52	0.16	54.5	7.3	16	5.99	22.7
M899455		0.22	1.435	24.1	5.78	3380	1490	1.13	18.80	2.12	76.9	43.5	9.7	18	14.20	419
M899456		4.53	0.014	0.15	7.66	8.5	2330	1.25	0.47	2.53	0.38	53.1	7.7	15	3.56	7.3
M899457		2.14	0.005	0.10	7.16	6.9	2080	1.43	0.35	2.58	0.26	51.8	6.5	17	3.08	7.6
M899458		1.54	0.015	4.15	7.33	13.6	4070	1.40	10.75	2.09	1.60	54.3	6.8	14	7.60	76.1
M899459		3.95	0.014	0.16	7.41	8.5	2200	1.43	1.20	2.44	0.12	54.6	6.5	21	4.89	19.0
M899460		3.12	0.093	0.52	7.38	12.4	2090	1.39	2.10	2.35	0.13	57.3	9.3	20	7.28	40.1
M899461		1.51	0.010	0.09	6.88	10.3	2280	1.22	0.43	3.04	0.10	38.8	2.3	21	9.38	11.7
M899462		1.46	0.033	0.24	7.65	10.0	2400	1.52	1.57	2.60	0.12	59.7	8.0	18	6.37	45.1
M899463		1.65	0.150	0.85	7.39	25.1	1550	1.60	2.15	2.19	10.00	72.3	5.8	19	6.84	169.5
M899464		2.65	0.844	2.12	7.25	42.9	1700	1.42	5.22	2.17	1.13	66.4	17.7	16	6.38	1435
M899465		2.65	0.066	0.29	7.11	12.3	2200	1.41	1.30	2.31	0.32	55.9	10.5	17	6.62	116.0
M899466		<0.02	0.073	0.32	7.40	11.5	2320	1.51	1.53	2.42	0.25	54.4	9.5	15	7.04	133.0
M899467		1.57	0.286	0.78	7.43	38.1	1720	1.45	2.50	2.21	0.16	75.9	12.1	21	7.36	436
M899468		2.47	0.123	0.30	7.46	11.1	2770	1.58	1.14	2.42	0.09	65.1	12.3	20	7.70	157.5
M899469		2.94	0.121	21.4	6.85	103.0	1340	1.60	19.85	2.12	3.04	59.0	13.9	18	12.75	3520
M899470		2.48	0.070	0.92	6.96	40.7	2360	1.58	1.15	3.49	1.13	51.2	7.8	12	21.7	63.4
M899471		2.68	<0.005	0.04	0.08	<5	30	0.05	0.05	20.3	0.05	1.03	0.8	2	0.16	4.3
M899472		2.94	0.158	1.93	7.30	68.6	2260	1.30	2.64	2.42	1.21	54.2	11.8	13	11.50	340
M899473		1.49	0.150	1.18	7.30	59.3	2780	1.24	0.95	2.01	1.42	59.5	6.4	14	13.00	481
M899474		2.41	0.084	0.39	7.67	13.0	2930	1.23	1.25	1.67	0.38	63.0	7.7	13	9.04	153.5
M899475		2.18	0.056	0.41	6.99	15.1	2240	1.63	1.04	2.50	0.78	48.0	7.0	17	12.05	70.0
M899476		2.26	0.125	0.56	6.98	15.4	2290	1.54	1.41	2.19	0.62	49.2	9.1	15	12.75	133.0
M899477		1.91	0.167	2.51	7.01	51.1	2210	1.51	3.84	2.73	1.77	44.6	9.3	15	12.85	68.0
M899478		0.23	0.764	9.28	6.41	1550	1350	1.49	5.68	1.89	40.9	43.5	16.4	20	15.20	104.0
M899479		1.93	0.036	0.31	7.56	9.2	2090	1.61	0.64	2.13	0.19	50.5	9.5	13	7.79	87.0
M899480		1.64	0.029	0.17	7.40	7.8	2180	1.67	0.99	2.40	0.09	54.9	7.7	16	5.40	53.0
M899481		3.32	0.129	0.31	7.39	15.7	2130	1.73	0.98	2.28	0.16	53.5	11.5	14	5.97	161.5
M899482		3.08	0.092	0.18	7.45	11.1	2420	1.25	1.00	2.09	0.07	49.7	8.6	17	6.21	63.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899447		6.31	14.45	0.13	0.8	1.270	2.82	22.0	14.8	0.83	1840	4.21	0.08	6.6	3.0	470
M899448		0.47	0.26	0.23	<0.1	0.005	0.02	<0.5	0.8	12.50	214	0.18	0.01	0.3	2.4	220
M899449		3.22	16.05	0.11	1.0	0.131	2.83	22.6	14.2	0.76	1140	3.18	1.39	8.3	2.2	620
M899450		3.03	15.80	0.12	1.2	0.094	2.83	25.0	12.3	0.71	781	2.31	2.15	8.1	2.4	600
M899451		2.74	15.20	0.12	1.1	0.078	2.73	30.3	9.2	0.80	350	2.12	2.20	7.7	2.0	580
M899452		2.82	15.90	0.12	1.2	0.091	2.84	28.2	9.5	0.82	359	1.46	2.31	7.9	1.9	600
M899453		2.84	15.85	0.12	1.1	0.091	3.30	28.4	12.5	0.80	545	2.04	1.68	7.7	1.7	630
M899454		2.99	16.30	0.14	1.1	0.083	2.84	29.2	10.9	0.84	437	2.10	2.26	8.1	2.3	610
M899455		6.38	13.10	0.17	0.9	1.705	2.57	23.0	22.9	0.87	1810	12.25	0.04	6.2	15.5	430
M899456		3.14	15.70	0.14	1.2	0.066	2.85	29.2	9.1	0.88	443	2.70	2.19	8.0	2.2	630
M899457		2.99	15.90	0.10	1.1	0.053	2.51	26.5	9.0	0.85	469	2.06	2.22	7.4	2.9	590
M899458		5.64	17.20	0.11	1.0	0.226	2.36	28.7	23.6	0.92	1140	5.04	1.07	6.8	2.7	540
M899459		3.39	16.10	0.12	1.0	0.100	2.57	27.9	10.7	0.85	513	1.97	2.12	7.1	2.9	580
M899460		3.18	16.20	0.12	1.0	0.162	2.69	29.8	10.4	0.82	382	2.71	2.11	7.3	3.0	600
M899461		1.73	15.10	0.13	1.0	0.067	2.84	16.6	14.1	0.73	235	8.26	1.13	7.2	2.2	580
M899462		2.99	16.95	0.12	1.1	0.087	2.87	30.6	10.9	0.80	347	5.61	2.16	7.5	3.9	610
M899463		4.20	18.15	0.17	1.0	0.339	2.83	36.3	19.1	0.91	1460	1.84	1.35	7.4	3.7	650
M899464		3.89	17.35	0.14	1.0	0.233	3.19	36.6	16.4	0.75	404	5.10	1.58	7.8	4.2	580
M899465		2.99	15.85	0.11	1.1	0.136	2.62	28.5	10.8	0.83	362	2.05	2.07	7.2	2.9	580
M899466		3.12	16.70	0.12	1.0	0.145	2.71	28.6	11.7	0.88	364	1.78	2.19	7.7	2.9	620
M899467		3.36	16.85	0.15	1.0	0.208	3.18	39.4	12.9	0.84	267	1.94	2.14	7.5	3.6	620
M899468		3.23	17.00	0.12	1.1	0.124	2.89	35.6	11.4	0.81	266	2.00	2.00	7.6	3.2	600
M899469		5.62	19.30	0.14	0.9	0.607	3.27	32.5	13.2	0.83	1180	2.00	0.55	6.8	3.0	530
M899470		3.32	15.35	0.12	0.9	0.097	2.66	28.8	24.8	1.30	1180	3.75	0.08	6.4	2.7	520
M899471		0.48	0.21	0.07	<0.1	<0.005	0.03	0.5	1.0	12.50	197	0.10	0.01	0.1	1.7	170
M899472		3.32	17.35	0.13	1.0	0.219	3.17	28.3	28.4	0.96	807	2.88	0.36	8.0	3.1	630
M899473		2.64	16.60	0.12	0.9	0.207	3.21	34.4	28.2	0.68	365	2.17	0.17	7.4	2.7	570
M899474		2.85	16.20	0.13	1.0	0.174	3.36	34.5	19.0	0.59	251	3.21	0.68	7.8	2.6	630
M899475		2.95	17.60	0.13	1.0	0.243	2.87	22.2	22.7	0.79	463	2.64	1.28	8.4	3.1	590
M899476		3.13	16.65	0.13	0.9	0.124	2.90	24.8	24.6	0.79	406	6.76	0.95	7.9	3.2	620
M899477		3.40	16.70	0.13	0.9	0.091	3.01	22.3	24.5	0.89	770	1.36	0.79	6.8	2.6	580
M899478		5.28	15.40	0.13	1.3	0.875	2.73	22.4	24.5	0.69	1880	11.45	0.26	7.0	14.9	470
M899479		3.11	17.25	0.11	1.0	0.108	2.81	24.9	15.5	0.83	293	1.65	1.65	8.0	3.0	600
M899480		3.06	17.10	0.11	1.0	0.107	2.80	28.7	9.6	0.86	382	1.36	2.24	7.9	2.8	600
M899481		3.11	16.65	0.18	1.1	0.146	2.75	27.3	9.8	0.87	331	1.38	2.17	8.2	3.1	580
M899482		3.10	17.15	0.11	1.0	0.167	3.05	24.9	14.3	0.98	299	1.70	1.45	7.6	3.0	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899447		>10000	165.5	<0.002	6.25	257	8.9	3	7.3	82.1	0.47	1.57	11.8	0.196	2.67	7.0
M899448		3.6	1.0	<0.002	0.02	0.15	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899449		46.5	132.0	<0.002	0.74	6.61	10.5	1	2.2	258	0.60	0.34	14.4	0.250	1.66	5.1
M899450		37.5	108.5	<0.002	0.22	3.65	10.6	1	2.0	359	0.60	0.13	15.0	0.247	1.29	4.4
M899451		16.0	105.0	<0.002	0.36	2.32	10.7	1	1.9	372	0.59	0.29	15.7	0.233	1.09	4.7
M899452		16.4	113.0	<0.002	0.31	2.15	10.9	1	2.1	388	0.59	0.25	15.1	0.244	1.18	4.5
M899453		41.3	148.5	<0.002	0.93	10.20	11.0	1	2.4	318	0.58	1.24	14.7	0.240	1.81	4.1
M899454		16.5	111.5	<0.002	0.37	2.72	11.4	1	1.9	380	0.59	0.45	15.8	0.251	1.19	4.6
M899455		2710	150.0	0.002	4.73	87.6	7.5	2	7.9	92.5	0.45	0.36	11.4	0.174	2.38	5.7
M899456		22.4	111.0	<0.002	0.20	1.94	11.9	1	1.7	392	0.58	0.05	15.7	0.252	1.11	4.1
M899457		19.3	87.2	0.002	0.06	1.17	11.0	1	1.5	389	0.57	<0.05	14.2	0.248	1.09	3.1
M899458		54.2	142.0	<0.002	0.69	4.49	10.2	1	3.7	335	0.55	0.06	15.0	0.227	1.61	4.6
M899459		18.1	102.5	<0.002	0.34	1.82	10.5	1	1.9	387	0.55	0.17	14.1	0.247	1.27	4.1
M899460		27.7	112.0	<0.002	0.70	2.59	11.0	1	2.3	343	0.61	0.68	15.8	0.250	1.44	4.5
M899461		9.6	127.5	<0.002	0.22	34.6	9.5	1	1.6	300	0.61	0.06	12.7	0.248	2.22	3.8
M899462		25.1	107.0	<0.002	0.37	2.12	10.7	1	2.1	393	0.57	0.24	14.9	0.254	1.39	4.0
M899463		231	147.5	0.002	0.69	3.50	11.3	1	3.3	226	0.57	0.54	14.4	0.247	2.18	6.6
M899464		47.2	143.5	<0.002	1.52	3.81	10.8	2	3.3	283	0.57	2.86	13.9	0.241	1.81	4.7
M899465		26.4	99.8	<0.002	0.47	2.21	10.6	1	2.1	368	0.59	0.29	14.9	0.243	1.31	4.4
M899466		24.2	101.0	<0.002	0.47	2.22	10.8	1	2.2	382	0.61	0.24	14.4	0.258	1.39	4.4
M899467		18.7	125.5	<0.002	1.54	3.20	11.3	1	3.2	338	0.58	1.20	14.8	0.248	1.85	4.4
M899468		17.8	114.5	<0.002	0.76	2.12	11.2	1	2.4	392	0.58	0.29	14.8	0.248	1.54	4.1
M899469		111.5	189.5	<0.002	2.90	20.0	11.1	2	7.7	173.5	0.49	1.23	12.0	0.218	2.57	5.3
M899470		50.5	142.5	<0.002	1.28	16.40	9.4	1	2.2	116.5	0.55	0.29	13.6	0.221	2.32	3.9
M899471		1.4	1.4	<0.002	0.02	0.08	0.2	<1	<0.2	40.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899472		44.1	113.5	<0.002	1.06	33.4	10.4	1	2.9	149.5	0.67	0.64	13.4	0.260	1.99	3.7
M899473		60.7	116.0	<0.002	0.68	31.0	10.1	1	2.9	143.5	0.61	0.28	13.3	0.246	2.09	4.6
M899474		30.1	130.0	<0.002	0.98	6.15	10.4	1	2.8	183.5	0.69	0.39	14.5	0.274	1.83	4.8
M899475		34.0	100.5	<0.002	0.55	6.66	10.8	1	2.5	280	0.67	0.44	12.6	0.260	1.55	3.2
M899476		28.3	110.5	<0.002	1.02	9.97	10.8	1	2.8	212	0.68	0.56	13.9	0.260	1.71	4.3
M899477		121.5	130.5	0.002	1.28	11.00	9.9	1	2.6	198.5	0.58	0.25	11.6	0.244	1.88	4.8
M899478		1310	156.5	<0.002	3.01	31.6	8.6	1	5.5	144.0	0.58	0.25	11.6	0.203	2.55	5.1
M899479		19.2	112.0	<0.002	0.54	2.54	10.5	1	2.2	292	0.63	0.19	13.8	0.258	1.46	3.5
M899480		15.8	109.5	<0.002	0.46	1.76	10.6	1	2.2	363	0.66	0.46	14.4	0.260	1.36	4.3
M899481		17.9	108.5	<0.002	0.62	3.05	10.6	1	2.2	360	0.77	0.24	14.8	0.253	1.38	4.7
M899482		18.9	123.0	<0.002	0.53	2.83	11.0	1	2.4	243	0.59	0.30	12.8	0.264	1.82	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M899447		57	3.8	12.0	>10000	19.9	130	1.095	1.275
M899448		1	0.1	0.7	15	<0.5			
M899449		69	1.4	15.5	113	24.6			
M899450		71	0.9	16.0	108	28.5			
M899451		65	0.7	17.4	27	27.0			
M899452		68	0.8	17.9	28	28.8			
M899453		71	1.9	16.3	95	26.0			
M899454		71	1.0	18.1	33	26.0			
M899455		54	4.9	9.7	5270	26.1			
M899456		71	0.7	18.9	53	28.2			
M899457		68	0.6	16.9	38	23.1			
M899458		64	4.4	14.6	151	22.2			
M899459		67	1.5	15.8	38	22.7			
M899460		68	1.5	16.1	30	23.6			
M899461		67	0.9	13.1	25	21.2			
M899462		73	0.7	16.9	30	24.6			
M899463		74	2.4	14.9	887	23.0			
M899464		68	1.8	15.4	84	23.0			
M899465		69	0.8	15.0	40	24.0			
M899466		72	0.9	15.4	39	23.9			
M899467		71	1.5	15.8	28	22.9			
M899468		69	0.7	15.5	24	23.6			
M899469		65	3.2	12.8	263	21.3			
M899470		61	1.8	13.3	86	18.3			
M899471		2	0.1	0.7	12	<0.5			
M899472		71	1.7	14.5	90	22.9			
M899473		70	2.1	13.0	124	21.4			
M899474		73	1.9	14.7	45	21.1			
M899475		72	0.9	15.8	67	22.7			
M899476		71	1.2	14.0	64	20.7			
M899477		69	1.6	13.9	129	19.9			
M899478		55	5.0	10.6	2900	38.9			
M899479		70	1.5	14.5	31	22.4			
M899480		70	0.6	16.2	28	21.6			
M899481		68	0.8	17.1	26	22.3			
M899482		73	1.5	14.5	29	21.6			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159384

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12159385

Project: Klaza-81

P.O. No.: Batch 4

This report is for 26 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

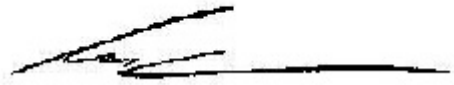
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159385

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899483		1.59	0.062	0.59	7.56	23.5	1780	1.33	0.95	3.88	2.94	57.0	9.4	11	12.35	59.0
M899484		0.22	0.783	9.75	6.72	1790	250	1.48	6.38	1.93	42.3	45.5	16.5	19	17.35	108.0
M899485		2.11	0.030	0.14	7.50	9.1	2100	1.47	0.58	2.60	0.14	48.6	7.6	15	7.34	15.3
M899486		3.40	0.029	0.33	7.15	13.1	1940	1.27	0.87	2.70	0.77	51.3	7.3	14	9.46	34.4
M899487		2.74	<0.005	0.01	0.08	<5	20	0.05	0.02	19.40	0.06	1.19	1.2	1	0.20	2.0
M899488		3.65	0.031	0.13	7.43	11.1	2290	1.39	0.51	2.33	0.09	50.9	7.3	14	6.48	31.8
M899489		1.78	<0.005	0.17	7.35	4.5	2370	1.29	0.24	2.68	0.27	46.1	6.5	15	7.24	15.4
M899490		0.76	<0.005	0.17	7.15	4.0	2680	1.25	0.23	2.57	0.26	41.9	6.6	12	7.12	9.3
M899491		2.40	0.011	0.34	7.18	5.2	2170	1.25	0.35	2.55	3.92	47.2	6.9	15	7.57	10.9
M899492		1.84	0.025	0.30	7.42	11.7	2230	1.24	1.00	2.46	0.68	48.5	9.1	14	6.73	17.0
M899493		2.54	0.027	0.09	7.50	9.3	2240	1.57	0.72	2.29	0.10	54.3	9.1	16	6.47	21.7
M899494		<0.02	0.033	0.09	7.75	8.8	2330	1.51	0.81	2.41	0.09	49.2	9.4	19	6.32	23.0
M899495		2.32	0.028	0.10	7.33	9.2	2030	1.57	0.52	2.44	0.13	50.8	6.4	14	9.98	20.0
M899496		1.47	0.012	0.14	7.62	11.8	750	1.83	0.09	3.93	0.25	129.0	17.9	120	11.75	14.3
M899497		1.93	0.014	0.06	7.18	8.1	1970	1.58	0.42	2.27	0.10	40.2	6.5	16	21.0	9.3
M899498		0.22	0.784	9.87	6.62	1480	1260	1.46	6.11	1.83	38.4	46.1	16.0	19	15.75	100.5
M899499		2.81	0.011	0.13	7.15	11.6	2060	1.34	0.40	2.47	0.41	41.5	6.2	14	15.60	12.0
M899500		4.02	0.052	0.37	7.32	33.9	1840	1.56	0.91	2.40	0.40	49.4	6.1	15	17.30	66.6
M899501		1.76	0.465	4.46	6.65	86.2	250	1.55	5.80	2.13	21.6	43.5	15.1	15	12.55	216
M899502		2.75	<0.005	0.02	0.08	<5	160	<0.05	0.04	20.3	0.10	1.22	0.7	<1	0.33	1.5
M899503		3.07	0.017	0.12	7.31	4.8	2070	1.76	0.92	2.40	0.18	50.7	7.2	14	9.14	25.1
M899504		2.57	0.010	0.07	7.25	6.5	2030	1.60	0.64	2.52	0.11	44.7	5.9	12	10.80	7.0
M899505		2.19	0.028	0.12	7.37	8.8	2010	1.75	0.55	2.57	0.17	49.9	7.2	16	11.60	10.6
M899506		2.02	0.012	0.12	7.39	10.1	1980	1.66	0.63	2.48	0.26	47.5	6.8	13	10.75	11.8
M899507		3.26	0.017	0.09	7.21	5.3	2120	1.62	0.51	2.51	0.10	48.0	7.0	15	10.70	7.8
M899508		2.01	0.048	0.26	7.56	20.4	2200	1.68	1.72	2.19	0.13	51.5	6.3	11	11.95	30.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899483		3.62	16.45	0.15	1.0	0.098	2.83	29.9	17.7	0.85	579	1.17	0.82	8.0	3.6	660
M899484		5.45	15.05	0.17	1.3	0.949	2.68	23.5	26.7	0.70	2020	12.45	0.26	7.1	16.6	500
M899485		3.02	16.35	0.15	1.0	0.086	2.62	24.6	11.6	0.80	381	1.78	2.13	7.7	3.2	590
M899486		3.07	15.40	0.15	0.9	0.071	2.64	26.0	13.2	0.83	684	1.42	1.63	8.3	2.6	640
M899487		0.44	0.29	0.10	<0.1	<0.005	0.03	0.6	1.0	12.10	209	0.12	0.01	0.3	3.0	180
M899488		3.12	15.75	0.13	1.0	0.072	2.69	25.9	11.2	0.89	364	1.59	2.04	8.3	2.5	650
M899489		2.98	15.65	0.14	1.0	0.052	2.46	21.7	11.8	0.88	523	2.01	2.15	8.8	2.6	640
M899490		2.80	15.05	0.14	1.0	0.046	2.47	19.6	11.2	0.81	517	1.64	2.06	8.3	2.4	610
M899491		2.90	14.85	0.14	0.9	0.058	2.38	22.8	12.0	0.81	606	1.55	1.97	8.1	2.5	610
M899492		3.02	15.55	0.15	0.9	0.068	2.58	24.1	9.6	0.79	554	1.27	2.20	8.5	2.5	630
M899493		3.06	16.10	0.14	1.0	0.077	2.58	28.6	11.4	0.90	379	1.81	2.16	8.1	3.0	590
M899494		3.21	16.10	0.13	1.0	0.079	2.69	26.1	11.0	0.93	399	1.74	2.29	7.9	3.1	620
M899495		2.86	15.80	0.14	0.9	0.102	2.64	24.3	12.7	0.84	427	2.07	2.03	7.7	3.0	590
M899496		5.42	17.80	0.22	6.2	0.060	1.46	64.1	22.2	2.12	1160	0.84	0.27	27.2	39.2	2810
M899497		2.81	15.40	0.15	0.9	0.061	2.47	18.5	11.6	0.57	397	2.58	1.95	7.9	4.2	590
M899498		5.18	13.90	0.16	1.3	0.874	2.74	22.8	24.3	0.68	1980	11.60	0.26	7.5	14.6	480
M899499		2.94	14.95	0.15	0.9	0.060	2.49	19.3	10.2	0.59	436	2.60	2.12	7.7	2.8	600
M899500		2.83	15.50	0.17	1.0	0.140	2.68	25.9	19.2	0.72	420	2.06	1.26	7.9	2.5	570
M899501		5.26	14.90	0.15	1.1	0.209	2.57	18.8	15.3	0.66	722	3.77	1.17	15.9	3.1	510
M899502		0.46	0.23	0.12	<0.1	0.008	0.03	0.6	1.1	12.85	216	0.12	0.01	2.4	1.3	170
M899503		2.89	15.85	0.16	1.3	0.112	2.57	25.5	13.8	0.75	384	1.71	2.27	9.0	2.6	570
M899504		2.94	15.35	0.16	1.3	0.079	2.56	20.2	13.2	0.75	457	1.64	2.27	8.8	2.6	590
M899505		3.01	17.00	0.17	1.3	0.083	2.63	26.2	16.6	0.73	475	1.94	2.09	9.0	2.9	600
M899506		3.16	15.40	0.15	1.2	0.054	2.59	23.8	15.5	0.77	434	1.62	1.99	8.6	2.5	590
M899507		2.89	15.30	0.15	1.2	0.079	2.58	23.6	13.7	0.75	428	1.72	2.17	8.2	2.9	580
M899508		3.11	15.90	0.17	1.2	0.068	2.94	28.1	16.3	0.73	381	1.43	1.31	7.8	2.6	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899483		56.2	129.0	<0.002	1.08	7.23	11.5	1	2.7	222	0.68	0.23	13.9	0.255	1.51	5.1
M899484		1360	151.5	<0.002	3.10	36.2	8.2	1	6.3	151.5	0.62	0.29	11.5	0.198	2.39	5.2
M899485		25.9	101.5	<0.002	0.34	1.72	10.6	1	1.8	382	0.62	0.15	12.8	0.252	1.17	4.2
M899486		30.1	106.5	<0.002	0.60	2.43	9.8	1	2.8	319	0.63	0.13	12.8	0.255	1.36	4.0
M899487		1.3	1.5	<0.002	0.01	<0.05	0.3	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899488		16.6	104.5	<0.002	0.64	0.80	10.2	1	2.1	397	0.62	0.13	13.1	0.255	1.23	4.0
M899489		53.7	90.8	<0.002	0.13	1.03	9.9	1	1.7	418	0.68	<0.05	12.1	0.259	1.07	4.1
M899490		87.7	90.6	<0.002	0.13	1.02	9.5	1	1.6	416	0.63	<0.05	11.1	0.250	1.04	3.7
M899491		96.5	96.5	<0.002	0.17	1.37	9.2	1	1.9	379	0.61	<0.05	12.7	0.242	1.08	3.9
M899492		29.7	98.5	<0.002	0.26	1.73	9.4	1	1.9	400	0.64	0.37	12.4	0.256	1.22	4.1
M899493		15.5	108.5	<0.002	0.27	0.88	11.6	1	2.0	396	0.62	0.22	12.6	0.259	1.20	3.8
M899494		16.6	104.5	<0.002	0.30	0.84	11.5	1	2.1	418	0.61	0.18	13.2	0.268	1.33	4.0
M899495		16.1	103.5	<0.002	0.19	1.44	10.6	1	1.9	367	0.58	0.08	11.9	0.254	1.34	3.4
M899496		15.4	41.5	<0.002	0.15	5.69	14.1	1	1.8	297	1.23	0.07	8.1	0.733	0.59	3.6
M899497		16.7	93.5	<0.002	0.17	2.48	10.1	<1	1.6	362	0.62	0.18	10.6	0.254	1.15	2.8
M899498		1305	159.5	0.003	3.06	32.0	8.9	1	5.4	149.0	0.58	0.26	12.8	0.205	2.53	5.6
M899499		27.7	93.0	<0.002	0.16	2.56	9.9	<1	1.7	385	0.62	0.06	10.8	0.253	1.25	3.1
M899500		24.0	110.0	0.002	0.45	9.92	10.5	1	2.0	255	0.70	0.10	13.0	0.245	1.60	3.8
M899501		915	111.0	<0.002	4.07	13.65	9.5	2	3.4	243	0.64	1.00	12.9	0.203	1.56	5.1
M899502		4.9	2.0	<0.002	0.02	0.09	0.3	<1	<0.2	48.5	<0.05	<0.05	0.3	<0.005	0.02	0.6
M899503		19.9	103.0	0.002	0.13	1.04	10.5	1	1.9	382	0.82	<0.05	13.9	0.252	1.22	4.5
M899504		17.6	92.7	<0.002	0.06	1.23	10.6	1	1.7	382	0.79	<0.05	12.7	0.257	1.14	4.5
M899505		20.3	107.5	<0.002	0.17	1.97	11.2	1	3.7	358	0.81	0.08	13.2	0.258	1.27	4.7
M899506		20.3	108.5	0.003	0.55	1.71	10.7	1	2.7	356	0.73	0.07	13.6	0.251	1.14	4.9
M899507		18.2	94.5	<0.002	0.16	1.40	9.6	1	1.8	372	0.73	<0.05	13.0	0.249	1.20	4.4
M899508		22.4	126.5	<0.002	0.60	4.02	10.4	1	3.6	267	0.66	0.12	15.0	0.249	1.48	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12159385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899483		75	2.0	18.2	244	23.6
M899484		56	5.3	11.4	2990	37.5
M899485		70	0.7	16.3	32	23.5
M899486		71	2.1	15.7	62	23.7
M899487		2	0.1	0.8	14	<0.5
M899488		71	1.0	16.6	25	24.5
M899489		72	0.6	16.6	43	25.1
M899490		69	0.5	15.9	41	24.7
M899491		66	0.9	15.9	200	23.5
M899492		70	0.7	16.1	52	23.4
M899493		73	0.7	17.6	28	21.0
M899494		77	0.8	17.1	29	21.3
M899495		71	0.6	16.0	33	20.5
M899496		108	2.5	27.9	137	237
M899497		69	0.7	13.9	32	20.9
M899498		57	5.0	11.2	2930	34.3
M899499		71	1.2	13.8	56	19.5
M899500		68	1.0	15.6	42	20.6
M899501		60	2.1	14.9	1310	21.3
M899502		1	0.1	1.2	17	<0.5
M899503		70	0.7	17.2	33	26.0
M899504		73	0.6	16.7	34	23.9
M899505		73	2.3	17.9	41	26.9
M899506		71	1.4	17.8	39	24.1
M899507		69	0.6	16.3	33	23.7
M899508		70	3.3	15.4	29	23.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-81

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12159385

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163810

Project: Klaza-74B

P.O. No.: Batch 9

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

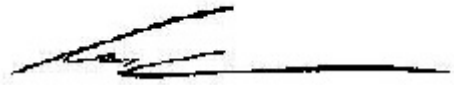
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12163810

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895489		7.34	0.005	0.17	7.34	7.6	3580	1.24	0.12	3.45	0.34	44.8	8.4	7	18.35	6.3
M895490		4.13	<0.005	0.09	7.05	4.0	1770	1.28	0.09	2.78	0.07	39.3	7.9	7	13.10	3.6
M895491		5.11	<0.005	0.10	8.17	3.1	2050	1.15	0.10	2.20	0.04	44.9	9.3	8	25.5	4.0
M895492		5.55	<0.005	0.09	6.75	4.3	1290	1.37	0.09	3.56	0.06	41.1	7.4	7	16.65	4.7
M895493		0.25	0.747	9.86	6.82	1845	1100	1.27	6.13	1.95	40.8	41.8	15.7	18	17.85	103.0
M895494		7.24	<0.005	0.10	8.02	3.4	1920	1.13	0.09	2.31	0.06	43.2	9.8	11	18.15	6.8
M895495		6.77	<0.005	0.35	8.03	16.1	1330	1.39	0.67	1.95	0.51	47.8	8.1	7	18.45	6.7
M895496		8.60	<0.005	0.09	7.54	2.5	1700	1.12	0.10	2.73	0.05	43.1	8.5	8	20.4	6.8
M895497		6.42	0.014	0.56	7.20	97.1	2940	1.24	0.25	3.60	0.74	44.5	7.9	6	18.60	10.0
M895498		3.11	<0.005	0.01	0.09	<5	20	0.06	0.06	21.9	0.06	1.00	1.4	<1	0.23	1.3
M895499		5.04	<0.005	0.11	7.24	1.9	2180	1.16	0.11	2.82	0.05	41.1	8.2	7	12.80	8.1
M895500		7.48	<0.005	0.14	7.13	2.2	2080	1.09	0.14	2.88	0.05	40.9	7.9	9	12.70	9.1
M895501		8.58	<0.005	0.09	6.92	3.7	2490	1.19	0.08	2.91	0.05	41.0	8.5	9	15.05	5.6
M895502		7.45	<0.005	0.02	6.91	3.5	2030	1.44	0.06	2.94	0.05	38.7	7.0	10	9.85	5.7
M895503		2.19	<0.005	0.04	6.31	4.3	2570	1.53	0.06	2.82	0.05	34.2	6.5	8	11.55	5.8
M895504		10.15	<0.005	0.04	7.44	3.2	1880	1.35	0.06	2.49	0.05	42.5	8.6	10	12.65	6.4
M895505		5.16	0.093	9.92	6.69	322	1550	1.47	0.08	3.13	2.71	42.9	8.5	8	15.95	10.4
M895506		5.56	<0.005	0.09	7.04	3.8	1900	1.55	0.06	2.16	0.05	39.7	7.9	11	13.10	5.4
M895507		<0.02	<0.005	0.06	6.98	3.6	1870	1.54	0.06	2.15	0.05	40.3	8.7	11	13.95	6.1
M895508		5.36	<0.005	0.09	6.57	4.9	1670	1.42	0.07	3.06	0.07	40.2	7.5	9	16.45	6.4
M895509		7.99	<0.005	0.09	7.32	3.2	2010	1.33	0.07	2.00	0.05	43.2	9.1	11	18.45	7.3
M895510		0.24	0.821	9.27	6.94	1795	1320	1.53	6.53	1.91	41.0	41.7	15.9	20	15.70	104.0
M895511		10.36	<0.005	0.08	7.21	4.2	1850	1.37	0.06	3.23	0.08	38.1	7.7	12	16.05	6.3
M895512		9.26	<0.005	0.04	7.83	3.4	1960	1.49	0.08	2.83	0.07	41.1	8.8	12	13.80	6.8
M895513		8.06	<0.005	0.04	7.53	4.4	1910	1.57	0.08	3.44	0.08	41.4	8.4	11	12.50	6.4
M895514		3.06	<0.005	0.01	0.09	<5	20	<0.05	0.03	19.80	0.06	1.12	0.6	2	0.59	1.5
M895515		5.83	<0.005	0.05	7.84	3.7	2240	1.54	0.07	2.16	0.05	44.0	9.0	11	16.90	6.1
M895516		4.95	<0.005	0.05	7.14	5.2	1690	1.51	0.08	3.43	0.07	41.0	8.3	10	17.95	6.6
M895517		4.68	<0.005	0.04	7.36	3.9	2230	1.51	0.07	2.82	0.06	44.1	9.5	10	20.6	6.7
M895518		4.57	<0.005	0.05	6.81	6.2	1770	1.31	0.14	3.24	0.06	38.4	7.4	9	20.0	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12163810

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895489		3.42	14.95	0.09	1.3	0.039	2.69	22.8	54.0	0.98	1410	0.31	1.07	8.1	1.6	650
M895490		3.19	15.50	0.12	1.2	0.036	2.58	19.8	29.8	0.93	966	0.23	1.57	8.2	2.0	620
M895491		3.84	16.10	0.13	1.2	0.039	2.75	22.4	30.4	0.96	693	0.43	0.95	8.9	1.9	720
M895492		2.76	14.75	0.13	1.1	0.040	2.65	20.4	20.3	1.03	1040	2.54	1.15	7.7	1.6	590
M895493		5.45	14.70	0.12	1.4	0.862	2.96	21.9	23.5	0.72	2010	11.45	0.27	7.5	13.8	510
M895494		3.94	16.50	0.15	1.2	0.040	2.74	21.1	45.8	1.07	792	0.68	0.88	9.1	2.4	720
M895495		3.93	16.40	0.13	1.2	0.086	2.94	25.8	35.9	0.95	1420	0.43	0.19	8.1	1.8	660
M895496		3.85	15.80	0.14	1.2	0.040	2.78	21.2	35.3	0.87	899	0.55	0.75	8.2	2.1	720
M895497		4.06	15.15	0.15	1.0	0.086	2.92	24.7	23.3	1.01	2550	0.54	0.41	7.2	1.7	590
M895498		0.48	0.31	0.25	<0.1	<0.005	0.03	0.5	0.9	12.95	216	0.10	<0.01	0.4	1.9	180
M895499		3.30	15.35	0.12	1.1	0.036	2.63	20.4	15.4	0.86	883	0.63	1.57	7.8	1.9	640
M895500		3.12	14.75	0.13	1.1	0.036	2.72	20.2	21.2	0.86	904	0.59	1.28	8.1	1.9	640
M895501		3.38	15.30	0.14	1.1	0.034	2.49	20.2	56.7	0.98	855	0.40	1.35	7.7	2.1	660
M895502		2.65	14.30	0.14	1.1	0.035	2.41	18.6	44.1	0.76	773	0.56	1.75	7.0	2.4	610
M895503		2.31	14.40	0.14	1.0	0.028	2.32	17.2	47.0	0.71	706	0.45	1.49	6.4	2.3	510
M895504		3.34	14.40	0.15	1.0	0.035	2.37	23.8	30.8	0.99	779	0.69	1.17	6.8	2.6	590
M895505		2.96	14.00	0.16	1.1	0.067	2.64	23.3	30.0	0.80	2250	0.90	0.49	6.6	2.7	540
M895506		2.96	14.05	0.15	1.1	0.030	2.28	20.7	21.5	0.79	576	0.69	1.57	7.2	2.7	580
M895507		2.89	15.65	0.17	1.2	0.034	2.30	19.2	23.2	0.77	566	0.86	1.58	7.7	2.9	580
M895508		2.62	14.75	0.15	1.1	0.032	2.26	21.5	26.2	0.82	780	0.61	1.40	7.1	2.6	550
M895509		3.22	15.40	0.15	1.3	0.036	2.37	23.8	26.8	0.90	572	0.67	1.53	7.4	3.2	620
M895510		5.34	14.00	0.14	1.3	0.871	2.79	22.7	26.8	0.71	2070	11.90	0.26	6.9	14.8	510
M895511		2.91	14.25	0.14	1.0	0.028	2.44	19.8	24.3	0.91	787	0.56	1.46	7.2	2.5	620
M895512		3.22	15.50	0.16	1.2	0.037	2.60	22.8	26.5	0.95	767	0.47	1.73	7.4	2.8	640
M895513		3.14	15.05	0.15	1.1	0.036	2.53	21.6	22.3	0.96	843	0.77	1.92	7.4	2.8	640
M895514		0.44	0.23	0.14	<0.1	<0.005	0.04	0.6	1.4	12.15	213	0.10	0.01	0.2	1.2	160
M895515		2.99	16.35	0.17	1.2	0.034	2.80	23.8	36.5	0.91	671	0.52	1.41	8.0	2.9	660
M895516		3.13	14.55	0.18	1.1	0.035	2.53	20.1	76.9	1.05	898	0.56	1.34	7.2	3.0	610
M895517		3.27	15.35	0.16	1.1	0.037	2.59	22.2	57.1	0.80	801	0.82	1.37	7.8	2.8	630
M895518		2.78	13.70	0.16	1.0	0.036	2.41	19.4	85.7	0.94	981	0.30	1.22	6.5	2.7	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12163810

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895489		17.3	119.5	<0.002	0.16	5.33	11.8	1	1.4	381	0.66	<0.05	12.9	0.278	1.36	3.3
M895490		11.5	106.0	<0.002	0.04	3.24	11.1	1	1.5	322	0.67	<0.05	11.8	0.272	1.14	3.8
M895491		15.3	109.5	<0.002	0.02	2.68	13.6	1	1.7	378	0.74	<0.05	12.2	0.314	1.06	4.6
M895492		8.0	118.0	<0.002	0.06	3.33	11.1	1	1.4	246	0.63	<0.05	10.9	0.261	1.28	4.5
M895493		1360	164.0	0.002	3.17	33.7	8.5	1	5.7	150.0	0.56	0.31	11.4	0.213	2.30	4.9
M895494		12.8	106.0	<0.002	0.02	2.80	13.3	1	1.7	360	0.73	<0.05	11.7	0.315	1.03	3.9
M895495		28.8	159.5	<0.002	0.25	6.19	12.7	1	1.8	177.0	0.59	<0.05	13.1	0.282	1.56	4.0
M895496		12.0	103.0	<0.002	0.03	3.95	12.6	1	1.5	259	0.60	<0.05	11.1	0.304	1.06	3.0
M895497		58.0	169.0	<0.002	0.68	6.96	11.1	1	1.8	255	0.52	<0.05	11.6	0.253	1.76	3.9
M895498		1.2	1.4	<0.002	0.02	0.06	0.3	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895499		11.1	104.5	<0.002	0.03	2.04	11.4	1	1.5	361	0.57	<0.05	10.9	0.279	1.04	3.4
M895500		12.3	107.0	<0.002	0.03	2.50	12.3	1	1.3	355	0.60	<0.05	11.1	0.283	1.03	3.1
M895501		9.2	104.5	<0.002	0.06	3.27	11.9	1	1.4	323	0.55	<0.05	9.3	0.280	1.07	2.3
M895502		11.0	92.6	0.002	0.03	2.45	11.1	<1	1.5	337	0.58	<0.05	9.9	0.270	1.05	3.3
M895503		11.7	97.9	0.002	0.05	2.43	10.2	<1	1.4	323	0.55	<0.05	9.7	0.232	1.13	3.4
M895504		15.3	90.6	<0.002	0.01	1.75	11.7	1	1.5	482	0.62	<0.05	12.2	0.258	0.89	4.2
M895505		123.0	129.5	<0.002	0.81	16.40	11.1	<1	1.7	305	0.57	<0.05	11.6	0.236	2.03	7.0
M895506		15.3	90.6	<0.002	0.01	1.50	11.6	1	1.5	446	0.63	<0.05	12.2	0.258	0.96	4.1
M895507		15.8	89.6	<0.002	0.01	1.63	12.3	1	1.7	449	0.65	<0.05	11.4	0.262	0.91	4.3
M895508		14.8	85.7	<0.002	0.03	2.72	11.2	1	1.5	455	0.60	<0.05	11.0	0.246	1.10	3.6
M895509		14.4	100.5	<0.002	0.01	1.83	13.2	1	1.7	465	0.67	<0.05	13.2	0.274	0.98	4.5
M895510		1360	159.5	0.003	3.28	30.8	9.4	1	5.9	155.5	0.64	0.28	11.6	0.206	2.61	5.5
M895511		15.9	76.4	<0.002	0.01	2.20	11.1	1	1.5	527	0.62	<0.05	10.1	0.270	0.88	4.0
M895512		15.6	91.5	0.005	0.01	2.46	12.4	1	1.6	463	0.65	<0.05	12.5	0.285	1.04	5.1
M895513		15.6	91.2	<0.002	0.02	2.63	11.9	<1	1.5	431	0.63	<0.05	11.5	0.284	1.06	3.8
M895514		1.3	2.7	0.002	0.01	<0.05	0.2	<1	0.2	46.0	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M895515		16.2	103.0	0.002	<0.01	1.61	13.1	1	1.8	516	0.70	<0.05	13.0	0.300	1.06	4.5
M895516		14.8	84.0	<0.002	0.02	3.81	11.7	1	1.7	468	0.58	<0.05	10.0	0.281	1.11	2.7
M895517		17.2	94.9	<0.002	0.02	3.19	12.7	1	1.8	445	0.65	<0.05	12.2	0.291	1.11	4.5
M895518		17.4	84.1	<0.002	0.06	3.53	10.7	1	1.6	398	0.53	<0.05	11.0	0.256	1.09	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12163810

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895489		78	1.7	16.3	93	33.5
M895490		79	1.7	14.1	76	28.8
M895491		94	2.6	16.7	66	28.2
M895492		76	1.7	13.2	53	24.9
M895493		59	5.0	11.1	3060	40.0
M895494		92	3.2	16.0	71	28.5
M895495		81	2.7	13.6	128	29.7
M895496		89	1.8	14.4	60	28.6
M895497		72	3.1	14.4	146	26.8
M895498		1	0.1	0.7	13	<0.5
M895499		78	1.1	12.8	59	28.7
M895500		77	1.5	13.8	53	28.1
M895501		80	1.7	12.2	59	27.1
M895502		76	1.3	10.7	52	25.2
M895503		70	1.2	9.9	45	23.8
M895504		73	1.5	14.0	60	24.5
M895505		70	3.4	13.1	219	24.6
M895506		75	1.8	12.7	53	26.0
M895507		75	2.2	13.2	54	29.6
M895508		71	1.6	13.6	47	27.4
M895509		78	1.7	13.7	60	28.4
M895510		57	5.4	10.3	2980	37.0
M895511		77	1.2	12.7	57	24.7
M895512		81	1.1	13.2	61	28.1
M895513		81	1.2	12.4	60	27.6
M895514		2	0.2	0.7	15	<0.5
M895515		85	1.3	14.4	61	28.2
M895516		82	0.8	12.6	60	27.2
M895517		83	0.8	14.8	66	27.8
M895518		77	0.8	12.1	76	27.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza-74B

CERTIFICATE OF ANALYSIS WH12163810

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163811

Project: Klaza - 80

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

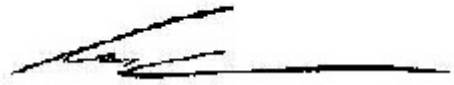
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163811

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899823		6.17	0.007	0.15	6.85	31.1	2350	1.40	0.13	3.02	0.29	49.3	5.3	71	16.45	9.2
M899824		4.40	0.037	0.87	6.61	69.2	2610	1.41	1.65	2.51	0.74	59.3	13.2	99	20.1	61.7
M899825		6.63	0.020	0.40	7.22	153.0	4680	1.34	0.57	3.13	0.35	55.2	6.0	77	14.15	23.0
M899826		4.67	0.079	1.05	4.54	459	1040	1.03	1.91	9.22	1.96	34.7	6.0	51	11.15	32.3
M899827		6.70	0.030	0.88	7.26	67.5	1520	1.44	1.95	2.72	1.83	66.1	6.7	78	19.85	39.5
M899828		10.90	0.034	0.64	7.62	21.1	2290	1.38	1.34	2.00	1.63	49.4	7.9	113	20.1	22.3
M899829		<0.02	0.012	0.65	7.75	22.3	2270	1.40	1.34	2.01	1.66	51.0	7.7	112	19.95	23.6
M899830		6.45	0.047	0.43	7.22	271	2810	1.27	0.67	2.43	1.48	49.4	6.7	95	16.05	16.9
M899831		10.26	0.006	0.21	7.72	28.7	1320	1.31	0.52	2.35	0.68	47.1	5.4	96	15.75	7.8
M899832		0.21	3.66	>100	5.71	8530	1390	1.14	60.2	2.01	231	33.0	9.6	17	11.60	1290
M899833		8.86	0.034	0.82	7.07	48.7	1640	1.33	1.89	1.97	1.86	57.2	13.9	142	10.80	41.6
M899834		9.91	0.037	0.45	7.75	25.9	2040	1.37	1.71	1.84	1.13	44.7	7.3	133	10.05	12.3
M899835		9.71	0.048	0.84	6.88	47.6	1630	1.62	2.50	1.84	1.58	77.9	10.0	138	26.3	22.6
M899836		4.72	1.085	39.2	6.46	1965	500	1.39	102.5	1.50	13.55	47.5	7.2	127	16.75	1840
M899837		3.43	<0.005	0.06	0.20	<5	40	0.12	0.14	21.1	0.09	2.08	1.6	5	0.73	4.5
M899838		8.42	0.056	1.01	7.73	150.5	1270	1.70	2.49	2.19	1.63	54.0	10.6	118	15.25	38.0
M899839		8.39	0.128	1.58	6.88	691	680	1.45	3.16	1.70	12.60	55.9	13.9	119	14.65	41.7
M899840		10.03	0.005	0.21	7.71	16.3	2220	1.45	0.59	1.59	0.43	46.3	7.1	114	13.75	5.4
M899841		11.42	<0.005	0.09	7.93	13.3	2130	1.17	0.87	1.40	0.50	55.4	6.8	120	17.50	17.9
M899842		5.74	0.030	0.43	7.13	84.4	1630	1.46	1.12	1.52	1.70	63.3	7.8	116	18.25	9.6
M899843		5.22	0.177	1.91	6.36	419	740	1.26	4.20	1.51	4.54	51.9	6.5	138	13.45	32.6
M899844		10.01	<0.005	0.11	7.76	10.4	2200	1.21	1.14	1.86	0.41	52.7	6.4	135	19.10	16.1
M899845		0.21	2.22	24.3	5.86	3210	1480	1.24	18.25	2.18	75.7	43.2	10.8	16	14.50	421
M899846		9.95	0.008	0.20	7.71	27.8	2390	1.23	1.44	1.11	0.90	53.1	6.0	109	16.45	9.9
M899847		10.35	0.092	0.86	5.88	346	1920	1.36	1.88	4.22	9.66	50.5	7.1	151	20.8	37.5
M899848		6.33	0.019	0.45	7.30	41.9	1630	1.50	0.98	0.85	4.42	61.6	4.3	125	31.0	14.4
M899849		9.97	0.099	1.00	6.17	233	1050	1.21	2.13	2.18	4.63	51.6	4.9	163	23.6	21.0
M899850		7.84	0.277	3.50	6.22	686	540	1.23	5.61	2.17	3.17	53.1	5.4	138	35.4	134.0
M899851		5.79	0.031	0.62	7.28	56.3	1530	1.05	1.10	2.24	5.17	52.8	4.5	146	15.65	15.6
M899852		3.27	0.029	0.57	7.01	45.2	1630	1.03	0.94	2.10	5.43	48.4	5.5	104	15.35	49.9
M899853		5.16	0.100	2.12	7.18	81.4	1460	1.06	10.25	2.22	3.17	53.8	6.1	120	18.15	187.5
M899854		8.64	0.627	10.95	6.89	247	930	0.92	76.6	2.74	6.85	50.8	6.5	129	15.90	766
M899855		2.94	<0.005	0.04	0.12	<5	40	<0.05	0.19	19.90	0.07	1.44	1.0	3	0.32	3.7
M899856		12.89	0.176	0.99	7.29	42.4	1550	1.45	6.21	2.81	2.57	60.3	7.8	102	23.4	43.2
M899857		7.81	<0.005	0.16	7.44	7.8	1910	1.55	0.29	2.57	1.02	48.5	4.6	101	20.5	4.8
M899858		4.40	0.310	10.75	6.19	370	650	1.23	4.33	2.18	66.7	67.5	6.4	151	22.6	62.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163811

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899823		2.02	18.70	0.16	2.5	0.027	1.21	25.4	176.5	1.07	1010	3.88	0.31	9.8	11.9	700
M899824		2.33	16.25	0.17	2.1	0.219	1.44	36.4	89.5	0.99	1020	5.98	0.17	7.6	10.3	540
M899825		1.94	18.10	0.16	3.5	0.034	1.22	30.1	196.0	1.16	1070	3.68	0.37	9.6	17.3	580
M899826		3.71	10.80	0.14	1.1	0.125	1.52	19.4	30.0	3.84	4120	5.15	0.08	5.3	7.0	310
M899827		3.55	16.95	0.16	1.0	0.341	2.17	41.5	34.8	1.13	1250	2.06	0.10	8.0	3.7	570
M899828		3.45	17.80	0.17	1.1	0.305	3.15	25.8	25.6	0.56	795	0.88	0.35	9.1	3.5	630
M899829		3.47	17.85	0.17	1.1	0.303	3.15	26.7	25.4	0.58	803	0.93	0.35	8.8	4.2	630
M899830		2.79	16.15	0.18	1.0	0.169	2.76	27.0	32.5	0.76	926	0.93	0.17	8.4	3.4	570
M899831		3.10	17.90	0.19	1.2	0.119	2.46	24.4	81.9	0.72	975	1.00	0.12	9.8	3.7	690
M899832		8.00	13.80	0.21	1.0	4.53	2.25	17.0	32.1	0.63	3070	16.05	0.13	6.5	13.1	480
M899833		3.48	16.25	0.17	0.9	0.247	1.73	34.1	39.0	0.77	1180	4.96	0.08	7.5	4.2	550
M899834		3.06	17.80	0.15	1.1	0.276	1.61	23.2	45.6	0.69	1070	1.83	0.09	8.9	4.0	720
M899835		3.17	15.70	0.18	0.9	0.566	2.37	51.9	25.1	0.74	974	2.70	0.10	7.2	4.0	530
M899836		5.96	15.80	0.23	1.0	1.775	2.38	23.9	27.4	0.64	1420	23.9	0.06	7.3	5.4	510
M899837		0.51	0.66	0.10	<0.1	0.010	0.09	1.1	3.9	13.30	230	0.34	0.01	0.6	3.2	250
M899838		2.46	17.35	0.18	1.1	0.605	3.14	29.1	30.7	0.79	1100	15.50	0.08	8.0	4.3	590
M899839		5.69	16.80	0.19	1.0	0.657	2.69	32.5	19.7	0.88	2030	19.00	0.06	7.6	4.5	540
M899840		3.25	17.80	0.17	1.3	0.085	2.85	23.6	29.0	0.61	583	2.35	0.75	9.8	4.4	650
M899841		3.16	18.10	0.07	1.3	0.099	2.55	27.8	44.6	0.49	748	2.01	0.15	9.4	5.6	640
M899842		3.28	15.15	0.10	1.1	0.179	2.84	34.8	15.3	0.70	1160	1.67	0.05	7.4	5.2	530
M899843		4.52	13.75	0.10	1.0	0.246	2.75	28.2	19.7	0.69	1280	2.39	0.04	6.6	4.7	460
M899844		3.35	17.45	0.11	1.3	0.059	2.91	25.9	30.2	0.61	523	1.29	0.16	9.0	5.6	630
M899845		6.52	14.20	0.14	0.9	1.770	2.64	22.2	23.0	0.90	1830	11.65	0.03	6.4	17.8	420
M899846		3.36	16.40	0.10	1.2	0.084	2.98	28.1	25.3	0.44	580	1.97	0.13	8.4	4.5	590
M899847		2.85	13.80	0.09	1.0	0.576	2.37	27.4	23.8	0.56	1080	4.12	0.05	6.7	5.4	450
M899848		2.40	16.90	0.12	1.1	0.274	2.45	35.8	34.8	0.37	863	1.95	0.04	7.7	3.8	550
M899849		3.41	14.80	0.13	1.0	0.267	2.20	30.2	34.2	0.81	1240	6.46	0.03	6.7	5.3	480
M899850		3.91	15.50	0.14	1.0	0.460	2.59	31.0	18.8	0.89	1270	2.31	0.03	6.9	4.1	480
M899851		2.63	16.00	0.11	1.2	0.216	2.65	29.2	56.4	0.87	974	2.27	0.09	7.7	5.0	570
M899852		2.40	15.80	0.13	1.2	0.191	2.50	25.1	65.8	0.78	942	2.01	0.08	7.9	3.8	560
M899853		2.92	15.95	0.13	1.1	0.245	2.27	30.1	136.5	0.85	884	3.42	0.09	7.5	4.3	580
M899854		3.38	16.50	0.13	1.1	0.581	2.17	28.7	110.0	1.01	1020	4.28	0.11	7.5	4.0	540
M899855		0.47	0.34	0.07	<0.1	0.005	0.05	0.7	2.0	12.50	215	0.08	0.01	0.3	1.3	190
M899856		2.95	17.80	0.15	1.2	0.145	2.50	33.0	97.8	0.86	832	1.77	0.14	8.3	4.0	580
M899857		3.14	16.65	0.15	1.3	0.073	2.62	25.2	20.3	0.80	536	1.31	1.49	8.7	4.2	580
M899858		4.78	19.95	0.14	0.9	11.15	2.39	40.6	18.9	0.51	916	4.70	0.23	5.7	4.2	400

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163811

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899823		26.7	44.7	<0.002	0.20	14.70	6.3	1	1.5	312	0.69	<0.05	9.3	0.244	1.33	5.4
M899824		46.1	83.4	0.002	0.64	21.3	7.1	1	7.3	319	0.60	0.10	11.7	0.201	1.55	21.5
M899825		28.4	58.7	<0.002	0.27	9.70	6.2	1	2.1	287	0.72	<0.05	11.5	0.231	1.15	7.4
M899826		100.0	79.3	<0.002	0.83	10.55	5.6	1	2.6	233	0.39	0.21	7.9	0.133	1.73	6.5
M899827		70.3	120.5	<0.002	1.03	16.85	10.5	1	4.3	89.3	0.63	0.37	13.4	0.217	2.15	4.0
M899828		79.1	133.0	<0.002	0.65	12.10	11.0	1	4.1	114.5	0.72	0.23	13.4	0.245	2.43	3.9
M899829		73.8	136.0	0.002	0.64	12.00	10.9	1	4.0	113.5	0.70	0.24	13.6	0.241	2.38	3.9
M899830		44.7	110.5	<0.002	0.81	10.90	10.0	1	2.8	147.5	0.66	0.06	13.0	0.221	2.64	5.5
M899831		26.2	94.4	<0.002	0.22	13.45	11.1	1	2.5	272	0.76	<0.05	13.4	0.259	1.81	3.2
M899832		9790	133.0	0.002	7.50	226	7.7	2	8.7	124.5	0.52	0.45	8.6	0.178	2.37	4.7
M899833		72.8	95.0	<0.002	1.34	18.65	10.5	1	4.5	204	0.58	0.35	13.5	0.204	1.95	5.4
M899834		35.5	60.6	<0.002	0.74	9.74	11.0	1	3.5	580	0.73	0.11	13.1	0.234	1.72	2.8
M899835		47.6	134.0	<0.002	1.16	15.20	10.4	1	6.1	96.2	0.56	0.33	12.7	0.191	2.51	9.2
M899836		675	140.0	0.002	4.77	330	9.3	3	8.0	88.4	0.58	2.80	11.5	0.191	2.57	10.1
M899837		4.5	4.6	<0.002	0.02	0.57	0.6	1	0.2	46.7	<0.05	<0.05	0.3	0.008	0.04	0.9
M899838		34.8	175.5	0.005	0.82	22.2	10.5	1	4.3	66.6	0.62	0.19	13.8	0.208	3.24	5.2
M899839		214	139.5	0.003	2.85	31.1	9.9	1	7.1	56.3	0.60	0.12	12.5	0.198	3.01	6.6
M899840		22.2	118.5	<0.002	0.18	9.51	11.6	1	2.7	165.5	0.79	0.09	13.3	0.252	1.74	3.2
M899841		27.1	108.0	<0.002	0.15	18.05	12.9	1	3.4	141.0	0.77	0.06	14.4	0.277	1.46	4.3
M899842		44.8	131.0	<0.002	0.89	9.40	10.1	2	3.8	79.1	0.66	0.18	13.3	0.219	2.37	8.3
M899843		126.0	133.5	<0.002	2.18	27.4	9.7	2	4.7	49.7	0.59	0.51	11.5	0.199	2.57	8.3
M899844		25.1	99.4	<0.002	0.08	8.48	11.9	2	3.9	138.0	0.75	0.16	13.9	0.268	1.61	3.3
M899845		2710	149.5	0.002	4.76	88.7	8.9	2	7.9	88.6	0.53	0.41	10.1	0.178	2.34	5.3
M899846		30.4	127.0	<0.002	0.21	12.35	11.9	2	3.2	104.0	0.73	0.07	14.4	0.254	1.75	3.2
M899847		167.0	110.0	<0.002	0.94	18.05	9.2	2	7.1	192.5	0.59	0.09	11.3	0.200	2.20	7.7
M899848		93.1	123.0	<0.002	0.46	10.55	10.0	1	3.4	150.5	0.64	<0.05	13.7	0.227	2.18	12.0
M899849		70.8	131.0	<0.002	1.48	17.75	8.8	1	4.5	148.5	0.55	0.05	12.6	0.188	2.26	5.1
M899850		87.9	179.0	<0.002	2.25	32.2	8.9	1	5.8	91.4	0.53	0.13	12.6	0.188	2.66	6.2
M899851		49.5	126.5	<0.002	0.57	7.52	9.7	1	3.4	128.5	0.63	<0.05	13.4	0.228	2.34	4.4
M899852		46.4	99.7	<0.002	0.46	7.58	9.5	1	7.6	135.5	0.64	<0.05	12.0	0.230	2.16	3.6
M899853		53.3	109.5	<0.002	0.84	49.7	10.1	1	5.4	152.5	0.60	0.12	13.1	0.235	2.09	6.9
M899854		199.0	102.0	<0.002	1.28	231	9.5	1	3.9	170.0	0.61	0.74	13.2	0.223	1.85	6.9
M899855		1.7	2.1	<0.002	0.02	0.65	0.3	1	<0.2	42.7	<0.05	<0.05	0.2	<0.005	0.02	0.6
M899856		36.7	95.1	<0.002	0.79	18.50	11.7	1	3.5	169.0	0.70	0.16	12.6	0.246	1.96	5.7
M899857		28.3	95.2	<0.002	0.07	4.55	10.7	1	2.0	303	0.75	<0.05	12.4	0.246	1.30	3.6
M899858		1210	137.5	<0.002	3.78	21.3	8.5	1	18.9	158.0	0.46	0.12	10.9	0.166	2.16	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163811

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899823		49	4.4	12.5	81	99.2		
M899824		55	13.2	14.0	93	81.3		
M899825		48	23.3	13.4	64	144.0		
M899826		37	8.1	14.3	237	44.5		
M899827		63	4.4	14.7	195	33.3		
M899828		70	3.7	15.0	163	34.0		
M899829		68	3.6	14.8	165	34.0		
M899830		63	3.1	14.9	161	31.6		
M899831		71	3.8	15.9	94	36.7		
M899832		53	5.7	9.6	>10000	34.4	127	1.645
M899833		67	3.6	16.6	167	27.6		
M899834		68	6.4	15.0	114	35.4		
M899835		62	4.1	15.5	180	28.1		
M899836		59	9.1	14.1	1020	33.0		
M899837		5	0.2	1.2	18	1.1		
M899838		68	3.1	12.0	179	34.2		
M899839		61	7.6	12.0	1120	31.9		
M899840		71	3.2	15.6	66	38.0		
M899841		74	4.1	19.2	66	39.0		
M899842		60	4.3	15.3	177	30.8		
M899843		56	4.7	14.4	322	28.6		
M899844		73	3.3	19.7	58	38.3		
M899845		53	5.1	11.1	5220	27.9		
M899846		68	2.9	18.0	99	34.9		
M899847		57	3.7	20.4	743	29.1		
M899848		63	4.3	13.3	337	31.1		
M899849		54	5.3	12.7	398	29.3		
M899850		53	6.7	11.7	301	30.3		
M899851		63	7.8	13.2	447	33.5		
M899852		64	8.3	12.6	453	33.1		
M899853		65	8.4	13.9	284	31.5		
M899854		60	10.2	13.8	551	29.5		
M899855		2	0.1	0.8	15	0.5		
M899856		66	9.0	15.0	204	31.2		
M899857		65	2.0	14.5	100	37.2		
M899858		54	5.0	14.0	4260	24.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163811

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163812

Project: Klaza - 80

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

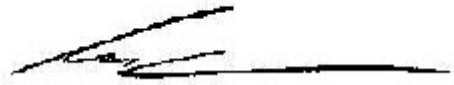
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163812

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899859		10.38	0.051	0.37	7.60	122.0	1710	1.25	0.42	2.02	2.84	52.9	5.1	9	15.80	6.2
M899860		8.18	0.007	0.31	7.52	16.4	2020	1.47	0.41	2.46	3.17	51.7	5.1	9	14.65	7.2
M899861		0.22	2.29	24.7	5.92	3400	1070	1.12	19.15	2.18	75.8	44.5	10.5	18	15.30	436
M899862		7.69	0.067	1.65	7.31	118.0	1630	1.36	1.25	3.17	12.80	53.2	9.7	9	15.40	16.5
M899863		2.56	<0.005	0.02	0.09	<5	20	0.05	0.03	19.45	0.10	1.36	1.0	1	0.29	2.3
M899864		5.03	0.038	0.77	7.15	235	1950	1.76	0.94	2.67	11.20	54.1	5.0	9	14.00	18.1
M899865		7.81	0.005	0.59	7.75	18.7	2050	1.54	0.89	2.74	3.55	54.5	7.3	11	12.65	7.4
M899866		3.86	0.016	1.35	7.40	37.8	1530	1.53	2.51	2.86	9.71	66.2	7.0	8	11.55	9.1
M899867		6.27	0.023	1.38	7.36	54.2	1920	1.43	2.46	2.50	8.02	47.0	4.3	10	17.85	22.3
M899868		3.94	0.017	2.12	7.37	59.3	1710	1.46	4.38	2.26	8.93	50.1	4.7	8	16.75	31.0
M899869		3.18	0.305	47.7	6.60	801	230	1.22	105.5	2.70	6.81	54.3	6.3	6	16.65	843
M899870		4.08	0.026	0.78	7.59	85.4	1000	1.33	1.25	1.73	4.58	59.4	4.1	8	15.70	17.3
M899871		8.14	0.040	0.85	7.63	156.0	860	1.30	1.46	1.78	8.98	53.1	6.9	13	14.10	19.5
M899872		6.60	0.233	2.28	7.55	299	400	1.16	3.35	1.14	3.49	56.8	6.3	9	14.25	54.1
M899873		5.76	0.078	1.69	7.52	149.0	720	1.47	1.93	1.20	4.71	59.1	5.3	9	18.55	34.7
M899874		4.25	6.52	6.88	6.59	571	450	1.13	5.94	1.66	31.4	51.8	8.0	7	13.70	301
M899875		8.45	0.029	0.60	7.55	56.4	560	1.40	1.15	1.34	6.05	60.9	5.1	8	17.65	9.7
M899876		6.12	0.066	0.60	7.28	48.8	750	1.38	0.90	2.02	2.29	67.7	5.4	8	14.80	4.2
M899877		4.79	0.340	4.45	6.05	619	460	1.36	2.07	1.07	45.4	84.1	6.1	9	12.20	40.4
M899878		7.74	0.031	1.21	7.35	39.9	450	1.54	2.31	0.97	13.65	93.8	14.1	11	14.85	22.4
M899879		10.78	0.011	1.01	7.92	41.0	660	1.57	1.89	1.26	6.21	71.3	15.3	10	15.60	44.8
M899880		0.21	4.54	>100	5.41	8230	930	1.06	60.6	1.93	223	36.3	8.9	18	12.65	1275
M899881		9.68	0.008	0.64	8.62	29.0	490	1.59	1.26	0.98	2.40	68.0	12.5	13	13.60	11.4
M899882		8.75	0.150	2.47	7.41	134.0	520	1.59	3.44	1.34	8.41	60.5	5.5	12	12.90	74.0
M899883		4.80	0.399	3.73	6.45	1500	520	1.38	5.53	1.66	10.95	54.8	6.2	8	12.95	94.8
M899884		7.76	0.033	1.17	7.31	66.0	460	1.63	1.66	1.51	9.68	49.6	8.7	16	11.90	21.0
M899885		5.00	0.625	5.00	8.17	1760	680	1.49	1.41	0.51	26.2	58.7	15.9	11	12.95	54.3
M899886		6.51	0.020	0.76	8.40	29.5	560	1.71	1.13	0.58	3.95	61.7	13.9	10	20.2	9.2
M899887		7.77	0.093	0.75	8.49	537	890	1.82	1.19	0.67	10.75	59.2	7.8	10	19.00	12.7
M899888		13.13	0.042	1.09	7.68	49.3	730	1.54	1.90	2.43	6.38	50.4	9.2	9	10.45	32.0
M899889		10.98	0.088	1.39	8.48	54.7	890	1.77	2.21	0.59	12.45	65.2	9.9	11	12.35	39.4
M899890		<0.02	0.143	1.45	8.19	55.8	1020	1.79	2.28	0.58	13.00	65.9	10.2	9	12.30	37.2
M899891		6.32	0.006	0.30	8.56	23.1	1200	1.76	0.70	0.86	1.69	70.4	10.3	9	16.85	6.9
M899892		4.06	0.023	1.27	7.15	76.6	910	1.70	2.32	1.92	9.68	54.9	12.1	8	10.20	33.7
M899893		8.34	0.216	4.03	6.45	304	430	1.57	7.08	2.57	19.10	72.2	20.0	9	17.50	34.1
M899894		1.47	<0.005	0.02	0.11	<5	20	0.10	0.04	21.5	0.20	1.68	1.3	1	0.53	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899859		3.25	16.90	0.14	1.2	0.089	2.26	27.4	79.2	0.70	802	0.62	0.45	8.2	2.4	600
M899860		3.09	17.40	0.13	1.3	0.118	2.74	26.2	14.9	0.73	679	0.71	1.97	8.6	2.5	590
M899861		6.60	15.35	0.15	0.9	1.700	2.58	24.0	22.7	0.88	1820	13.05	0.04	6.2	15.7	430
M899862		3.75	16.70	0.14	1.1	0.390	2.86	28.7	19.1	0.77	886	1.30	0.53	7.4	2.5	520
M899863		0.49	0.32	0.06	<0.1	0.005	0.05	0.7	1.2	12.30	215	0.09	0.01	0.3	1.3	180
M899864		3.01	16.40	0.13	1.3	0.219	2.80	27.8	24.9	0.63	829	0.97	1.20	8.2	2.4	570
M899865		3.13	17.55	0.15	1.4	0.135	2.67	28.1	13.9	0.76	671	1.49	2.21	8.8	2.8	590
M899866		3.10	16.45	0.15	1.2	0.355	2.50	35.8	13.3	0.73	781	1.22	1.78	8.0	2.1	570
M899867		2.94	17.20	0.14	1.2	0.313	2.71	23.9	22.3	0.76	716	1.43	1.36	8.4	2.7	560
M899868		2.79	16.75	0.13	1.2	0.386	2.54	26.1	21.6	0.74	713	1.70	1.53	7.9	2.4	540
M899869		5.25	15.90	0.17	1.0	1.655	2.64	30.9	19.5	1.09	1300	4.26	0.05	6.9	2.4	490
M899870		3.37	16.35	0.13	1.2	0.303	2.06	33.7	84.9	0.67	871	1.33	0.03	7.9	2.2	580
M899871		3.10	17.20	0.13	1.2	0.363	1.65	28.3	132.5	0.66	941	3.63	0.03	8.1	2.3	610
M899872		4.65	17.15	0.16	1.1	0.351	2.52	31.6	40.9	0.57	1110	3.37	0.03	7.9	2.8	570
M899873		4.27	17.60	0.15	1.1	0.279	2.67	32.8	34.1	0.69	1040	3.72	0.03	8.1	2.6	580
M899874		5.61	15.30	0.15	0.9	1.215	2.86	30.2	18.4	0.82	1300	15.80	0.04	6.4	3.0	470
M899875		3.18	16.75	0.14	1.0	0.277	2.21	35.1	85.9	0.64	1010	3.30	0.04	7.3	2.2	590
M899876		3.14	16.20	0.14	0.9	0.207	2.35	37.8	68.8	0.75	1040	8.22	0.07	6.3	2.7	570
M899877		6.88	15.45	0.20	0.8	1.120	2.52	52.2	66.1	0.50	908	28.5	0.05	5.8	2.9	470
M899878		3.85	17.55	0.19	0.8	0.709	2.17	56.7	72.6	0.54	998	2.07	0.06	5.3	5.8	580
M899879		3.54	18.45	0.19	1.0	0.347	1.69	36.8	32.5	0.56	948	0.74	1.22	7.0	5.4	640
M899880		7.98	12.25	0.23	1.0	5.05	2.27	18.1	32.4	0.62	3000	15.05	0.08	5.5	11.9	450
M899881		2.81	21.7	0.18	1.3	0.147	1.31	30.7	42.3	0.45	818	2.34	0.38	10.1	5.0	720
M899882		3.90	16.70	0.17	1.2	0.284	2.84	31.6	45.0	0.62	1040	4.72	0.04	7.5	2.5	560
M899883		4.86	16.00	0.20	1.0	0.469	2.89	25.2	18.5	0.63	1380	15.55	0.04	6.8	3.7	570
M899884		3.49	17.20	0.19	1.0	0.283	2.24	21.3	64.7	0.67	1210	1.06	0.05	7.1	3.1	630
M899885		3.63	19.60	0.18	1.1	0.619	2.09	27.6	31.1	0.42	829	1.16	0.04	7.3	3.6	650
M899886		3.30	19.45	0.18	1.1	0.342	1.65	30.1	36.7	0.40	834	1.43	0.67	7.1	3.1	650
M899887		3.78	18.70	0.19	1.2	0.259	1.51	30.4	23.6	0.43	912	1.08	1.74	8.8	2.3	670
M899888		4.29	18.10	0.18	1.1	0.485	1.48	25.0	32.8	0.96	1060	1.33	0.86	7.7	2.7	630
M899889		3.89	18.95	0.19	1.1	0.694	1.75	33.9	22.3	0.44	876	0.85	1.46	7.4	2.8	670
M899890		3.78	18.45	0.21	1.1	0.711	1.68	33.6	22.9	0.43	851	0.97	1.41	7.6	2.7	650
M899891		3.63	19.05	0.21	1.1	0.147	2.14	35.4	36.9	0.55	872	0.94	0.29	7.3	2.8	680
M899892		4.26	17.05	0.18	1.0	0.459	2.65	27.3	45.5	0.79	1100	3.03	0.09	6.1	2.6	570
M899893		6.74	14.85	0.24	0.9	0.761	2.65	40.4	29.2	0.80	903	18.70	0.06	5.6	2.8	810
M899894		0.49	0.34	0.07	<0.1	0.010	0.05	0.8	1.1	13.40	218	0.34	<0.01	0.2	1.7	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899859		47.5	91.7	<0.002	0.26	13.20	10.6	1	3.3	243	0.68	<0.05	12.8	0.239	1.49	3.1
M899860		48.1	102.0	<0.002	0.22	4.98	10.5	1	3.1	325	0.72	<0.05	12.1	0.241	1.42	4.1
M899861		2710	163.0	<0.002	4.84	89.7	8.1	1	8.1	94.2	0.48	0.38	11.5	0.170	2.37	5.6
M899862		329	131.0	<0.002	1.40	9.85	9.5	1	5.6	188.5	0.60	0.14	12.5	0.212	1.92	5.0
M899863		2.7	2.0	<0.002	0.03	0.12	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899864		134.5	101.0	<0.002	0.34	10.70	10.7	1	3.4	247	0.74	0.05	11.5	0.232	1.59	3.8
M899865		64.8	105.0	<0.002	0.27	4.51	11.1	1	2.7	353	0.75	0.06	13.1	0.245	1.37	4.9
M899866		46.7	102.5	<0.002	0.64	4.42	10.0	1	4.4	262	0.67	0.19	11.6	0.228	1.67	4.2
M899867		111.5	99.7	<0.002	0.21	7.83	10.1	1	2.9	250	0.69	<0.05	11.3	0.236	1.71	3.6
M899868		130.0	105.0	<0.002	0.23	8.59	9.9	1	3.4	250	0.67	<0.05	12.1	0.221	1.73	3.6
M899869		905	143.5	<0.002	4.31	190.0	9.5	5	10.4	89.3	0.52	0.68	11.3	0.218	2.57	6.7
M899870		69.3	108.5	<0.002	1.36	16.65	10.5	1	4.1	176.5	0.66	<0.05	13.5	0.236	2.13	3.5
M899871		82.7	73.8	<0.002	0.43	30.0	11.2	1	4.0	168.0	0.67	<0.05	12.2	0.242	1.48	5.0
M899872		101.5	146.5	<0.002	2.93	37.3	10.9	1	6.6	117.5	0.62	0.08	13.3	0.239	2.48	4.1
M899873		113.0	148.0	<0.002	1.32	18.20	11.0	1	6.0	119.5	0.64	<0.05	14.2	0.235	2.69	5.0
M899874		284	182.0	<0.002	3.23	105.0	9.1	1	8.0	59.2	0.51	0.17	12.4	0.192	2.86	6.5
M899875		66.9	122.5	<0.002	0.52	24.2	10.9	1	4.6	136.0	0.61	0.06	14.0	0.217	2.09	4.5
M899876		52.5	106.0	<0.002	0.66	20.7	10.4	1	4.7	133.5	0.52	0.12	12.2	0.190	2.36	5.2
M899877		1000	143.5	0.002	4.86	53.1	8.9	1	14.8	68.7	0.50	0.09	12.4	0.184	2.92	10.6
M899878		189.0	125.5	0.005	1.14	20.2	10.2	1	5.3	76.1	0.47	0.13	14.6	0.166	2.34	5.0
M899879		118.0	99.6	0.002	1.00	21.5	10.9	1	4.6	143.5	0.59	0.16	15.5	0.211	1.47	2.6
M899880		9470	130.0	0.002	7.13	220	6.7	3	9.1	119.5	0.44	0.52	9.6	0.181	2.15	5.8
M899881		119.0	83.9	<0.002	0.83	20.2	13.0	1	5.4	82.8	0.87	0.11	17.0	0.290	1.17	5.0
M899882		302	178.5	0.002	1.93	38.8	10.0	1	6.4	77.9	0.64	0.07	14.9	0.217	2.89	7.1
M899883		453	174.0	0.002	3.73	65.1	10.2	1	8.7	87.3	0.58	0.06	12.1	0.219	3.43	10.1
M899884		273	118.5	<0.002	0.77	18.35	9.7	1	5.3	68.8	0.61	0.05	13.7	0.208	2.55	5.1
M899885		1575	140.5	<0.002	1.33	35.2	11.6	1	5.3	43.2	0.60	0.08	16.2	0.218	2.08	3.6
M899886		128.5	116.5	<0.002	0.75	18.75	11.7	1	6.5	86.3	0.60	0.06	17.7	0.218	1.71	2.4
M899887		148.0	102.0	<0.002	0.58	20.1	12.2	1	5.3	141.0	0.72	0.05	17.1	0.266	1.37	3.1
M899888		124.0	69.3	<0.002	1.06	17.75	10.7	1	7.7	110.0	0.63	0.07	12.8	0.240	1.37	2.5
M899889		146.5	103.5	<0.002	0.91	17.90	11.6	1	7.1	113.5	0.63	0.06	16.7	0.245	1.50	2.8
M899890		147.5	101.5	<0.002	0.93	17.65	11.4	1	7.2	112.5	0.61	0.07	17.5	0.239	1.52	2.9
M899891		78.0	127.5	<0.002	0.68	20.0	12.3	1	4.1	76.1	0.63	0.07	17.1	0.235	2.00	3.1
M899892		125.0	135.0	<0.002	1.53	18.35	10.3	1	8.2	116.5	0.52	0.17	12.7	0.188	2.24	5.4
M899893		283	159.0	0.003	5.70	25.6	9.9	2	13.2	104.0	0.48	1.24	14.0	0.180	2.27	6.6
M899894		2.7	2.4	<0.002	0.02	0.13	0.4	1	<0.2	40.7	<0.05	<0.05	0.2	<0.005	0.02	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163812

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899859		65	4.6	15.0	240	33.0		
M899860		65	1.5	15.4	242	35.9		
M899861		54	5.2	10.4	5200	26.3		
M899862		59	4.8	16.4	908	31.4		
M899863		2	0.1	0.9	17	<0.5		
M899864		65	3.9	16.0	677	34.5		
M899865		67	4.6	17.1	297	38.0		
M899866		64	2.1	16.2	800	34.0		
M899867		66	3.5	15.2	627	34.6		
M899868		62	3.4	15.2	695	32.9		
M899869		59	8.0	14.1	560	28.3		
M899870		62	7.7	14.2	420	33.4		
M899871		67	6.7	15.6	672	32.5		
M899872		67	8.1	12.7	295	31.3		
M899873		65	7.1	13.2	400	32.8		
M899874		57	7.4	13.6	2260	25.9		
M899875		66	4.7	13.5	471	28.2		
M899876		64	4.4	13.8	245	25.0		
M899877		70	5.0	12.1	3250	22.6		
M899878		74	2.9	14.4	984	23.3		
M899879		69	2.7	18.8	519	27.9		
M899880		52	5.2	9.2	>10000	33.8	122	1.580
M899881		85	5.0	22.2	215	36.8		
M899882		70	4.4	16.0	649	35.5		
M899883		75	6.7	16.4	851	26.9		
M899884		72	3.6	14.7	764	29.1		
M899885		75	4.1	17.3	1310	31.5		
M899886		79	3.0	18.3	253	31.8		
M899887		76	4.4	18.5	689	33.0		
M899888		77	3.1	16.1	535	30.5		
M899889		76	3.2	16.5	973	31.1		
M899890		74	2.6	16.8	961	31.4		
M899891		79	3.2	19.0	223	31.2		
M899892		73	2.3	14.7	806	28.8		
M899893		72	5.2	14.2	1410	25.5		
M899894		2	0.1	0.8	22	<0.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 80

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12163812

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163813

Project: Klaza - 80

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

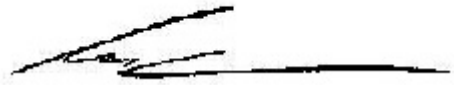
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163813

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899895		8.41	0.071	1.01	7.12	35.9	820	1.33	1.70	5.83	15.60	72.0	14.4	8	8.65	17.7
M899896		5.07	0.024	0.95	7.57	61.5	630	1.53	1.87	2.68	4.19	98.5	23.0	9	7.06	19.5
M899897		5.50	0.263	3.67	6.72	435	430	1.50	7.49	1.40	1.76	76.5	30.6	8	7.80	31.7
M899898		1.64	<0.005	0.07	0.10	<5	20	0.05	0.04	21.1	0.07	1.40	0.7	<1	0.25	2.0
M899899		13.39	0.018	0.73	7.44	26.6	780	1.62	1.58	3.08	3.41	48.4	12.9	9	12.70	18.7
M899900		8.93	0.018	0.78	7.17	31.0	940	1.46	1.61	2.53	4.31	56.2	10.4	8	10.40	15.4
M899651		5.45	0.006	0.45	7.71	19.5	570	1.72	0.83	2.95	2.19	64.2	9.8	10	10.40	6.3
M899652		6.39	0.018	1.17	7.34	43.3	440	1.65	1.94	3.13	10.05	63.5	15.1	9	9.36	26.1
M899653		9.54	0.039	1.14	6.88	56.5	650	1.40	2.39	3.68	9.56	83.5	16.7	7	15.95	16.9
M899654		12.06	0.238	2.72	7.04	283	600	1.70	4.50	2.89	18.75	279	40.4	7	38.5	63.0
M899655		2.27	<0.005	0.07	0.18	<5	30	0.08	0.04	20.4	0.11	2.28	1.0	4	0.52	2.1
M899656		8.21	0.262	2.35	6.18	357	400	1.22	4.65	2.08	8.91	379	54.2	10	14.10	41.1
M899657		6.06	0.084	1.36	5.20	297	570	1.08	2.14	2.55	2.73	328	37.7	7	7.03	58.3
M899658		4.17	0.404	3.89	7.18	306	620	1.43	6.29	2.37	7.94	>500	41.9	7	13.20	338
M899659		7.18	0.126	1.23	7.37	55.3	470	1.29	2.02	2.65	6.49	147.0	34.0	8	8.66	41.9
M899660		5.20	0.193	2.42	6.51	360	620	1.34	4.62	1.73	10.35	143.0	27.1	11	12.50	87.8
M899661		0.20	2.22	24.1	5.90	3320	1560	1.27	19.25	2.13	78.1	44.8	11.4	19	15.30	433
M899662		6.98	0.050	1.80	6.82	49.3	530	1.35	3.42	2.32	15.40	177.0	55.2	9	7.67	52.8
M899663		6.12	0.235	3.64	7.09	723	960	1.28	5.81	2.50	30.6	178.0	38.3	9	16.80	114.5
M899664		9.91	0.129	16.45	4.06	295	700	0.87	82.9	1.13	7.30	172.5	12.9	9	7.78	286
M899665		9.08	0.466	4.10	6.76	402	400	1.25	20.5	0.63	1.53	55.6	11.7	11	14.00	130.0
M899666		6.77	0.021	0.98	7.89	31.6	1650	1.53	2.72	2.63	1.55	63.5	8.4	11	22.1	44.4
M899667		3.61	0.015	0.85	7.69	27.9	1750	1.47	1.61	2.48	1.42	60.1	8.4	10	21.6	41.8
M899668		3.66	0.283	7.00	7.42	224	970	1.48	19.50	1.94	2.13	59.4	11.3	13	16.50	242
M899669		9.36	0.007	0.68	7.69	11.9	1110	1.75	1.54	3.20	2.25	55.5	4.6	10	18.95	18.4
M899670		8.89	0.019	2.56	7.99	26.5	710	1.83	7.95	1.92	5.27	57.5	2.7	9	20.9	159.5
M899671		7.51	0.014	0.38	7.98	11.1	430	1.72	1.13	2.71	0.49	45.8	4.9	11	15.50	6.1
M899672		0.21	2.36	25.1	6.10	3420	1600	1.40	21.0	2.19	81.9	47.3	12.0	19	16.20	450
M899673		11.74	0.033	1.71	7.45	196.0	590	1.46	3.07	2.61	3.50	55.4	22.7	8	10.20	47.0
M899674		7.26	0.163	1.78	6.65	152.5	680	1.57	3.76	0.86	3.01	303	1.7	15	8.00	53.7
M899675		5.27	0.442	13.35	6.71	1185	390	1.26	55.2	0.88	2.16	81.3	14.2	12	7.05	458
M899676		10.52	0.046	1.94	7.50	721	720	1.40	4.92	1.10	2.74	109.5	18.2	10	8.95	53.4
M899677		4.92	0.011	0.52	7.97	71.8	580	1.82	1.23	2.46	1.77	54.3	13.2	10	12.25	10.4
M899678		<0.02	0.017	0.53	7.72	74.8	570	1.69	1.25	2.43	1.77	55.1	15.6	10	12.00	9.5
M899679		9.09	0.052	0.96	7.91	204	610	1.57	2.29	1.75	2.43	53.8	1.9	10	9.14	23.7
M899680		5.03	1.940	3.22	7.49	854	780	1.33	7.59	1.98	6.63	77.5	13.2	10	7.47	57.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899895		2.95	15.70	0.15	0.9	0.409	2.25	37.3	25.2	0.77	979	1.79	0.65	5.7	2.4	570
M899896		3.85	16.65	0.18	0.9	0.298	2.88	56.8	29.4	0.82	903	2.59	0.33	5.4	3.1	580
M899897		8.52	17.60	0.16	1.0	0.290	2.89	44.3	17.6	0.68	553	4.07	0.08	6.4	3.5	470
M899898		0.53	0.31	0.09	<0.1	<0.005	0.04	0.7	1.2	13.45	234	0.41	<0.01	0.2	2.1	180
M899899		3.20	17.10	0.14	1.2	0.207	1.66	20.8	18.9	0.66	702	1.40	1.84	7.3	2.9	580
M899900		2.92	15.90	0.14	1.1	0.226	1.52	26.7	18.2	0.76	630	0.96	1.87	6.9	2.7	570
M899651		2.30	17.70	0.16	1.1	0.131	1.15	28.7	19.9	0.87	590	0.76	2.98	8.2	3.0	610
M899652		2.15	17.40	0.16	1.1	0.406	1.24	29.5	20.6	0.67	595	2.20	2.30	8.1	3.1	580
M899653		2.61	16.00	0.15	0.9	0.448	2.04	44.8	19.3	0.66	962	1.87	0.72	5.7	3.0	570
M899654		4.55	18.35	0.23	1.0	1.080	2.21	186.0	34.9	0.60	1040	7.59	0.17	5.5	4.0	550
M899655		0.51	0.40	0.09	<0.1	<0.005	0.08	1.3	1.6	12.85	223	0.16	<0.01	0.1	3.3	190
M899656		5.88	17.40	0.30	0.7	0.731	2.05	269	28.0	0.69	1060	4.89	0.20	4.0	5.4	510
M899657		4.92	13.25	0.29	0.6	0.332	1.84	234	18.9	0.78	1110	7.23	0.07	3.2	3.2	380
M899658		5.16	19.85	0.39	0.9	0.686	2.31	411	43.7	0.89	896	61.3	0.10	5.2	4.1	650
M899659		2.95	15.10	0.14	0.8	0.356	1.69	97.2	30.6	0.93	737	8.16	0.07	5.1	3.0	550
M899660		4.58	16.10	0.18	1.2	0.785	2.44	92.0	14.5	0.73	749	4.21	0.06	5.5	4.3	550
M899661		6.55	14.30	0.17	1.0	1.765	2.62	24.6	22.7	0.89	1880	13.25	0.04	6.2	16.1	420
M899662		3.58	15.35	0.18	0.9	0.648	1.80	118.0	21.7	0.73	594	2.72	0.52	5.1	3.7	520
M899663		3.67	17.05	0.19	0.9	1.055	2.65	117.0	14.6	0.82	738	8.03	0.07	5.5	3.7	560
M899664		3.88	10.25	0.16	0.5	0.468	1.67	124.0	28.7	0.37	552	24.7	0.04	3.2	2.1	350
M899665		7.33	15.90	0.18	0.9	0.298	3.11	31.7	10.4	0.49	596	9.12	0.04	6.3	3.3	500
M899666		3.66	16.80	0.13	1.1	0.197	2.78	35.9	23.4	0.94	877	4.09	0.77	8.4	3.8	590
M899667		3.41	16.05	0.15	1.1	0.187	2.73	33.0	25.1	0.92	833	3.50	0.65	8.5	3.1	590
M899668		5.69	16.90	0.17	1.0	0.399	2.76	30.6	18.1	0.76	1250	9.91	0.29	7.1	3.3	570
M899669		2.57	17.25	0.12	1.1	0.274	1.77	26.0	15.8	0.85	842	2.26	2.15	8.5	2.9	630
M899670		2.61	19.00	0.12	1.1	0.747	1.81	25.6	31.0	0.72	998	1.79	1.16	8.5	2.0	620
M899671		1.72	16.95	0.10	0.9	0.335	1.25	19.9	22.6	0.58	659	1.87	3.23	7.8	2.8	630
M899672		6.75	15.00	0.19	1.0	1.880	2.71	26.4	23.9	0.92	1940	14.30	0.04	6.5	16.8	440
M899673		2.85	15.50	0.13	0.9	0.564	2.79	29.1	36.1	0.71	907	1.78	0.39	6.9	5.6	420
M899674		4.04	16.40	0.25	0.8	0.699	3.12	202	35.9	0.51	798	0.68	0.06	6.5	1.7	960
M899675		6.12	16.80	0.18	0.8	0.584	3.17	47.1	18.3	0.55	997	10.15	0.04	5.5	5.3	510
M899676		5.22	18.40	0.20	0.8	0.597	3.52	67.8	21.1	0.80	1200	10.20	0.06	6.6	4.7	580
M899677		3.47	17.90	0.15	0.9	0.739	3.71	26.5	17.4	1.08	1130	3.70	0.07	6.5	4.4	570
M899678		3.48	18.10	0.17	0.9	0.738	3.61	26.7	17.9	1.04	1120	4.03	0.07	6.7	4.9	580
M899679		3.33	17.50	0.15	0.8	0.687	3.82	26.5	13.4	0.83	1280	2.11	0.05	7.6	1.9	620
M899680		4.81	17.10	0.17	0.8	0.697	3.59	44.5	6.8	0.80	3380	5.99	0.05	6.6	2.0	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899895		220	105.0	0.005	1.04	8.14	9.2	1	5.2	282	0.42	0.14	10.8	0.178	2.09	3.0
M899896		102.5	166.5	0.008	2.01	8.25	10.3	1	7.5	110.0	0.40	0.17	12.8	0.167	2.45	4.1
M899897		113.0	202	0.006	7.88	11.75	10.3	1	17.9	74.2	0.44	1.18	11.9	0.170	2.41	4.4
M899898		1.8	2.3	0.003	0.03	0.12	0.3	<1	0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M899899		85.2	79.2	0.005	0.73	6.45	10.6	1	4.7	269	0.53	0.11	11.6	0.210	1.44	4.0
M899900		78.0	72.4	0.004	0.73	5.81	9.2	<1	4.7	266	0.50	0.13	12.1	0.209	1.37	3.7
M899651		87.6	51.0	0.004	0.52	5.33	10.6	1	4.4	402	0.61	0.15	12.2	0.230	0.93	3.4
M899652		141.5	52.8	0.004	0.87	4.53	9.7	<1	5.9	328	0.58	0.36	11.6	0.236	1.20	4.0
M899653		122.0	89.0	0.005	1.29	5.71	8.2	1	6.4	224	0.44	0.20	10.7	0.179	2.01	2.7
M899654		210	134.5	0.008	3.20	13.25	8.8	1	15.4	148.0	0.39	0.22	12.7	0.162	2.26	4.5
M899655		2.1	3.3	0.004	0.03	0.12	0.4	<1	0.2	38.3	<0.05	<0.05	0.2	0.006	0.04	0.6
M899656		77.3	122.5	0.008	3.60	8.92	8.7	1	9.7	107.5	0.29	0.23	11.0	0.141	2.06	3.3
M899657		59.8	108.5	0.006	2.82	9.27	5.7	<1	7.0	95.4	0.23	0.13	8.2	0.098	1.67	2.4
M899658		113.0	144.0	0.024	3.39	83.8	9.9	1	10.1	108.0	0.34	0.24	13.7	0.154	2.14	5.5
M899659		123.5	80.1	0.004	1.11	15.45	9.9	1	5.6	92.1	0.45	0.11	13.4	0.172	1.45	3.2
M899660		78.0	145.0	0.005	2.82	12.55	9.3	1	7.1	81.4	0.44	0.12	12.4	0.162	2.03	2.9
M899661		2770	157.0	<0.002	4.87	87.7	8.4	1	8.4	92.7	0.51	0.36	11.1	0.178	2.39	5.4
M899662		105.5	99.1	0.003	1.88	5.67	9.7	1	6.4	96.8	0.44	0.13	13.7	0.156	1.52	3.6
M899663		196.5	158.5	0.008	2.38	8.88	9.8	1	9.8	92.6	0.49	0.15	13.4	0.177	2.16	3.8
M899664		518	91.6	0.029	2.53	73.7	5.6	1	5.6	68.3	0.27	0.53	8.0	0.104	1.53	3.2
M899665		96.9	190.5	0.002	6.57	41.5	10.0	2	7.9	42.0	0.53	0.78	12.5	0.204	2.74	4.2
M899666		75.6	143.0	<0.002	0.69	7.57	11.6	1	3.2	218	0.70	0.14	14.8	0.257	1.96	4.6
M899667		69.5	141.0	0.002	0.60	7.21	11.9	1	2.8	205	0.72	0.14	14.6	0.256	1.82	4.6
M899668		190.0	157.0	<0.002	3.00	80.6	11.8	1	5.0	111.0	0.58	0.59	14.0	0.233	2.32	5.7
M899669		37.9	85.2	<0.002	0.16	5.61	12.3	1	2.9	341	0.74	<0.05	16.2	0.252	1.43	4.7
M899670		56.5	107.5	<0.002	0.27	27.1	12.3	1	3.8	204	0.71	0.11	15.8	0.250	1.83	2.7
M899671		21.0	68.6	<0.002	0.22	3.99	10.4	1	2.7	401	0.68	0.05	14.4	0.243	1.19	2.6
M899672		2820	164.5	0.002	5.02	91.3	9.0	2	8.8	97.5	0.53	0.40	12.3	0.184	2.56	5.9
M899673		69.9	163.0	0.002	0.80	5.30	8.8	1	6.2	134.5	0.61	0.15	14.8	0.204	2.43	3.2
M899674		56.4	209	<0.002	1.64	8.12	8.7	1	12.5	50.7	0.53	0.36	15.8	0.222	2.58	4.0
M899675		303	212	<0.002	5.19	127.0	11.0	1	9.9	32.3	0.49	0.61	14.2	0.182	2.88	3.2
M899676		87.6	221	0.010	1.31	7.95	10.9	1	14.0	46.0	0.56	0.21	14.7	0.213	3.39	3.1
M899677		31.6	224	0.002	0.47	3.98	13.0	1	8.6	105.5	0.62	0.06	16.2	0.220	3.38	3.3
M899678		33.2	212	0.002	0.49	3.60	13.1	1	8.6	101.0	0.60	0.06	16.4	0.213	3.46	3.4
M899679		43.7	249	<0.002	0.67	6.49	11.1	1	9.5	75.0	0.65	0.07	16.5	0.231	3.53	3.6
M899680		160.5	249	0.004	3.21	11.40	9.4	1	8.8	56.4	0.58	0.26	14.7	0.197	3.50	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899895		62	1.6	16.6	1200	22.8
M899896		60	2.9	13.9	366	21.9
M899897		72	6.3	13.6	180	27.4
M899898		3	0.2	0.8	17	<0.5
M899899		70	1.6	15.6	277	29.9
M899900		66	1.9	14.5	365	24.9
M899651		79	1.2	15.7	203	27.7
M899652		70	1.7	15.0	790	27.0
M899653		60	1.6	15.5	856	20.7
M899654		65	3.7	17.4	1560	25.2
M899655		4	0.2	0.8	21	<0.5
M899656		85	3.7	13.5	802	20.0
M899657		52	2.7	10.0	263	14.9
M899658		97	3.1	17.8	737	23.0
M899659		60	1.9	13.9	525	23.5
M899660		56	2.9	13.2	791	39.9
M899661		55	5.5	10.3	5200	27.5
M899662		53	1.7	14.4	1140	25.5
M899663		61	2.9	14.7	2110	23.4
M899664		52	4.2	7.4	611	13.1
M899665		64	11.4	10.3	160	27.4
M899666		73	3.1	18.8	158	31.7
M899667		72	3.1	17.8	145	32.6
M899668		75	3.9	16.9	235	29.3
M899669		73	2.2	18.5	220	32.6
M899670		75	1.6	18.3	431	31.3
M899671		62	5.5	14.4	67	26.9
M899672		57	5.8	11.2	5350	29.2
M899673		49	2.3	16.0	321	24.0
M899674		61	4.5	21.6	284	22.0
M899675		53	9.7	9.2	211	21.7
M899676		66	6.6	10.5	275	21.9
M899677		61	2.5	16.9	198	23.7
M899678		58	3.1	16.5	195	23.4
M899679		61	3.8	12.9	244	23.2
M899680		55	5.1	11.1	654	22.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12163813

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163814

Project: Klaza-83

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

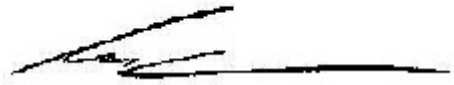
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-83

CERTIFICATE OF ANALYSIS WH12163814

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899509		2.74	0.014	0.18	8.04	8.3	2060	1.58	0.88	2.40	0.10	41.8	6.6	119	7.08	14.2
M899510		1.92	0.009	0.17	7.66	6.9	2050	1.64	0.67	2.49	0.17	34.8	6.4	136	5.54	16.6
M899511		2.47	0.025	0.75	7.85	34.8	1780	1.47	1.71	3.03	2.35	42.6	13.0	100	9.72	12.5
M899512		3.13	0.025	0.70	7.60	41.1	2040	1.50	1.74	2.57	1.50	48.3	12.7	100	9.51	12.1
M899513		2.50	0.007	0.30	7.60	22.6	1780	1.57	0.99	2.74	2.05	41.2	8.5	107	9.14	4.3
M899514		2.20	<0.005	0.11	7.82	5.8	2130	1.57	0.31	2.71	0.40	42.0	5.2	109	7.21	7.8
M899515		1.76	0.016	0.20	6.61	19.5	2010	1.52	0.73	2.43	0.49	41.2	6.3	120	12.70	5.0
M899516		3.00	0.010	0.22	7.24	20.9	1640	1.56	0.80	2.65	0.40	44.9	5.9	103	10.15	5.0
M899517		3.60	0.020	0.43	7.20	22.2	2000	1.50	1.18	2.80	0.38	41.1	6.1	105	11.35	27.7
M899518		2.56	0.007	0.14	7.72	7.7	2180	1.44	0.31	2.75	0.14	42.9	7.1	112	7.30	7.8
M899519		1.81	0.027	0.30	6.86	28.6	2100	1.45	1.00	3.10	0.28	40.2	7.6	122	14.45	7.6
M899520		3.09	<0.005	0.01	0.06	<5	20	0.06	0.03	21.5	0.05	1.16	0.7	5	0.17	1.3
M899521		3.57	0.008	0.19	7.20	9.8	2170	1.55	0.54	2.20	0.18	48.5	5.5	96	6.74	7.0
M899522		0.25	2.30	25.5	6.11	3470	1330	1.51	19.55	2.20	80.0	42.2	10.6	20	14.05	438
M899523		4.87	0.017	1.23	7.69	33.9	2170	1.54	0.64	2.54	7.35	49.7	8.3	103	5.31	16.2
M899524		2.88	0.010	0.15	6.93	16.2	2320	1.43	0.53	2.41	0.19	36.0	10.7	88	3.71	7.7
M899525		3.59	0.057	2.12	7.43	170.0	1600	1.42	0.73	2.51	7.31	52.5	9.1	123	7.75	16.0
M899526		0.23	0.770	9.50	6.84	1780	1100	1.49	6.71	1.88	41.4	42.9	15.7	21	15.15	104.0
M899527		3.49	0.006	0.18	7.50	7.7	2360	1.62	0.36	2.63	0.19	54.5	9.0	96	5.05	7.8
M899528		1.25	<0.005	0.24	7.84	6.7	2350	1.69	0.63	2.63	0.24	55.4	8.8	94	4.80	7.4
M899529		2.79	<0.005	0.18	7.58	9.5	2270	1.64	0.40	2.85	0.21	46.7	10.1	93	6.39	7.3
M899530		1.49	0.016	0.24	7.79	13.4	2270	1.59	0.64	1.81	0.21	54.7	7.0	125	7.79	8.0
M899531		3.21	0.009	0.26	7.37	11.7	2190	1.55	0.73	2.52	0.91	47.0	5.5	95	6.19	14.2
M899532		<0.02	0.009	0.24	8.12	14.0	2320	1.58	0.84	2.67	0.88	55.9	5.7	98	6.90	13.7
M899533		3.26	0.248	2.94	7.78	692	1820	1.53	4.20	2.38	1.56	48.6	11.8	83	10.10	79.1
M899534		2.58	5.83	>100	7.02	6090	970	1.42	10.85	2.17	87.9	46.9	9.8	101	14.50	1855
M899535		3.11	0.172	1.35	7.79	251	2220	1.61	0.62	2.95	3.81	47.4	9.8	90	7.80	18.0
M899536		1.63	0.335	1.91	7.68	1610	2020	1.48	1.17	2.51	2.51	49.0	7.1	137	8.59	19.1
M899537		2.12	0.033	1.45	8.03	120.5	2300	1.52	0.79	2.95	0.99	43.8	6.4	116	8.27	19.8
M899538		3.10	0.133	2.85	7.67	143.0	1380	1.32	2.22	2.14	22.1	54.3	6.2	117	12.25	22.4
M899539		2.08	0.008	0.20	7.97	12.1	2340	1.66	0.77	2.70	0.16	50.9	5.8	97	7.54	13.4
M899540		3.71	0.096	1.90	7.82	95.2	1760	1.53	0.63	2.63	13.25	50.1	8.1	128	15.30	20.0
M899541		2.20	0.011	0.19	8.01	11.5	2550	1.54	0.56	2.53	0.24	46.8	8.1	102	8.21	12.7
M899542		2.64	<0.005	0.01	0.06	<5	20	0.06	0.03	21.0	0.07	1.57	1.4	7	0.19	1.6
M899543		2.23	0.405	1.98	7.65	3230	900	1.50	2.27	1.63	9.22	53.1	5.4	116	13.90	37.0
M899544		3.00	0.027	0.40	8.27	20.4	2330	1.62	1.44	2.65	0.57	55.2	10.0	92	7.75	32.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-83

CERTIFICATE OF ANALYSIS WH12163814

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899509		3.18	15.35	0.16	0.9	0.158	2.54	23.2	14.6	0.92	666	0.91	2.07	8.1	4.6	660
M899510		2.99	15.60	0.17	0.9	0.089	2.55	19.1	13.1	0.79	603	0.88	1.94	7.9	4.2	620
M899511		3.29	15.45	0.15	0.9	0.260	3.01	23.0	14.5	0.83	1130	1.00	1.30	7.4	4.4	650
M899512		3.24	14.85	0.17	0.9	0.340	2.91	27.5	10.5	0.75	979	1.00	0.99	7.1	4.1	590
M899513		2.57	15.65	0.14	1.0	0.239	2.59	22.5	16.8	0.77	733	1.32	1.63	7.6	4.3	600
M899514		2.92	15.60	0.13	1.1	0.080	2.51	21.7	12.5	0.80	626	1.76	2.18	7.9	3.8	620
M899515		2.28	15.00	0.16	0.9	0.223	2.39	22.1	9.7	0.76	816	1.39	1.23	6.7	3.8	530
M899516		2.73	14.85	0.13	1.0	0.284	2.55	24.2	10.2	0.68	758	2.76	1.48	7.5	4.0	600
M899517		3.27	15.00	0.13	1.0	0.189	2.70	21.4	19.0	0.68	772	3.39	0.86	7.4	3.7	600
M899518		3.08	15.20	0.14	1.0	0.068	2.56	22.0	13.3	0.80	648	1.16	2.03	7.3	4.3	640
M899519		3.14	14.70	0.15	1.0	0.262	2.68	22.2	14.6	0.87	907	1.48	0.91	6.9	4.4	580
M899520		0.49	0.20	0.18	<0.1	<0.005	0.02	0.6	1.0	13.20	231	0.11	0.01	0.1	1.2	320
M899521		2.88	15.60	0.19	1.1	0.128	2.64	26.4	14.7	0.83	587	2.08	1.86	7.8	3.8	570
M899522		6.58	13.35	0.17	0.9	1.640	2.59	23.0	25.3	0.91	1940	12.95	0.04	5.5	15.0	460
M899523		3.09	15.65	0.19	1.0	0.137	2.63	26.9	13.7	0.85	618	2.18	2.03	7.6	4.7	600
M899524		3.11	14.75	0.16	0.9	0.072	2.52	17.4	13.6	0.82	615	1.52	2.07	7.3	5.8	610
M899525		3.69	15.70	0.17	1.0	0.254	3.00	27.9	19.4	0.91	1070	3.30	0.79	7.9	5.2	610
M899526		5.25	13.95	0.19	1.3	0.880	2.78	23.6	26.7	0.70	2030	11.50	0.26	7.3	14.8	490
M899527		3.21	18.60	0.20	1.0	0.070	2.55	26.8	12.6	0.85	583	1.41	2.31	8.7	4.6	620
M899528		3.22	17.95	0.19	1.0	0.063	2.48	27.2	11.4	0.91	610	3.93	2.32	8.6	5.1	650
M899529		3.23	18.55	0.20	1.0	0.061	2.41	21.5	14.0	0.88	655	1.09	2.26	9.2	4.7	650
M899530		3.16	18.65	0.20	1.1	0.096	2.84	27.3	19.1	0.90	544	0.80	1.51	9.3	5.5	610
M899531		3.22	17.85	0.21	0.9	0.114	2.52	22.4	12.4	0.81	620	0.81	2.06	8.6	4.5	590
M899532		3.42	18.80	0.20	0.8	0.117	2.70	30.1	12.6	0.88	676	0.75	2.15	9.3	4.6	680
M899533		3.41	17.90	0.20	0.7	0.208	2.81	25.6	16.3	0.66	769	0.84	1.62	8.9	3.9	650
M899534		6.84	17.40	0.22	0.7	1.315	2.89	24.2	14.1	0.78	1480	1.18	0.37	8.1	4.1	580
M899535		3.24	19.25	0.18	0.9	0.135	2.86	23.6	11.2	0.86	743	0.98	2.02	9.9	4.2	690
M899536		3.71	18.40	0.19	0.7	0.105	3.08	26.0	15.0	0.84	643	1.13	1.47	9.0	5.1	650
M899537		3.59	19.25	0.18	0.8	0.164	2.99	21.6	13.3	0.93	813	1.03	1.88	9.5	4.3	710
M899538		4.95	17.10	0.21	0.7	0.742	3.33	29.9	12.4	0.95	2230	7.09	0.33	8.4	4.4	640
M899539		3.37	18.80	0.18	0.9	0.112	2.69	26.2	13.7	0.90	627	1.15	2.04	10.0	4.2	680
M899540		4.34	18.45	0.19	1.0	0.150	3.12	25.9	19.4	0.94	2160	2.21	0.89	9.5	5.4	690
M899541		3.37	18.55	0.19	0.9	0.128	2.87	23.9	14.9	0.88	647	1.99	2.05	9.5	4.3	680
M899542		0.49	0.32	0.12	<0.1	0.005	0.03	0.7	1.3	13.40	224	0.16	0.01	0.8	2.4	190
M899543		5.68	19.05	0.21	0.8	0.494	2.96	29.3	20.3	1.08	2230	1.34	0.43	8.7	4.0	620
M899544		4.06	19.05	0.19	0.9	0.167	2.78	27.9	21.1	1.05	819	1.21	1.95	9.9	4.5	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-83

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12163814

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899509		15.7	109.0	0.003	0.31	2.47	12.6	1	2.0	330	0.62	0.15	11.2	0.292	1.37	2.5
M899510		20.7	95.2	<0.002	0.13	2.30	11.5	1	1.8	377	0.66	<0.05	10.5	0.272	1.21	2.4
M899511		175.5	169.5	0.002	0.69	4.47	11.7	1	3.0	229	0.60	0.15	11.3	0.264	2.48	2.5
M899512		42.7	171.0	0.002	1.57	3.35	11.3	1	3.0	178.0	0.68	0.25	12.1	0.237	2.37	2.2
M899513		29.1	110.0	<0.002	0.49	3.10	10.7	1	2.1	295	0.72	0.12	11.6	0.249	1.92	2.7
M899514		18.3	91.2	<0.002	0.08	1.51	11.6	1	1.7	412	0.73	<0.05	11.3	0.263	1.20	3.4
M899515		12.0	107.0	<0.002	0.43	3.41	10.2	1	1.8	190.0	0.58	0.08	11.4	0.205	1.87	5.9
M899516		14.0	108.5	<0.002	0.57	3.49	11.3	1	2.3	222	0.66	0.15	11.4	0.242	1.83	3.2
M899517		25.7	98.0	<0.002	0.88	4.30	10.4	<1	3.6	221	0.66	0.14	10.8	0.252	1.58	2.8
M899518		18.9	91.2	0.002	0.15	1.53	11.5	1	1.8	377	0.66	0.05	11.3	0.274	1.15	3.8
M899519		17.2	103.0	<0.002	1.03	3.52	10.2	1	2.3	207	0.62	0.16	10.6	0.239	1.99	6.4
M899520		1.1	1.2	<0.002	0.02	<0.05	0.2	<1	0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899521		19.5	110.0	0.002	0.24	2.11	11.4	1	1.9	316	0.71	0.10	13.8	0.249	1.58	3.9
M899522		2800	160.0	0.004	5.02	92.1	8.8	1	8.0	94.8	0.46	0.39	10.2	0.185	2.39	5.6
M899523		157.5	122.5	0.003	0.41	2.22	11.8	1	2.2	367	0.67	0.12	13.8	0.243	1.45	4.8
M899524		22.4	77.9	0.002	0.30	1.35	10.2	1	1.7	375	0.60	0.10	9.6	0.252	1.32	3.2
M899525		395	154.5	0.002	1.08	5.89	12.3	1	3.4	198.5	0.66	0.07	13.3	0.267	2.09	5.0
M899526		1345	160.0	0.003	3.22	31.6	9.4	1	5.9	152.5	0.62	0.35	11.9	0.210	2.54	5.4
M899527		16.4	102.5	<0.002	0.19	2.04	12.2	2	1.7	421	0.61	0.06	12.7	0.271	1.09	3.1
M899528		17.8	104.5	<0.002	0.14	1.92	12.2	2	1.7	424	0.62	0.17	12.2	0.270	1.08	3.0
M899529		18.5	94.4	<0.002	0.16	1.89	12.5	2	1.7	426	0.64	0.05	10.2	0.282	1.05	2.8
M899530		17.3	126.5	<0.002	0.25	3.32	11.5	2	1.8	258	0.77	0.06	14.0	0.268	1.48	3.2
M899531		56.5	104.0	<0.002	0.24	3.38	11.8	2	1.8	368	0.59	<0.05	11.1	0.258	1.21	2.9
M899532		73.2	110.5	<0.002	0.28	3.23	12.7	1	1.9	392	0.70	0.05	15.1	0.264	1.50	3.7
M899533		87.4	140.0	<0.002	0.97	7.56	12.4	1	3.2	262	0.60	0.15	12.4	0.250	2.00	5.3
M899534		3000	159.5	<0.002	5.86	153.0	12.0	2	15.2	122.5	0.63	0.33	11.2	0.232	2.67	5.4
M899535		174.5	119.5	<0.002	0.41	5.93	13.1	1	2.4	399	0.76	0.06	13.2	0.272	1.79	3.6
M899536		227	156.5	<0.002	1.30	12.75	12.2	1	5.6	325	0.60	<0.05	12.4	0.261	1.92	3.0
M899537		208	128.0	<0.002	0.46	4.15	12.2	1	2.3	382	0.69	0.05	12.2	0.272	1.97	3.4
M899538		460	207	<0.002	1.89	6.49	11.9	1	5.8	100.0	0.61	0.31	13.8	0.235	3.11	4.6
M899539		27.5	115.0	<0.002	0.23	2.65	12.8	1	2.1	391	0.82	<0.05	13.2	0.273	1.57	4.5
M899540		514	141.0	<0.002	1.22	6.11	12.6	1	3.0	209	0.77	0.06	13.3	0.265	2.72	5.1
M899541		24.6	116.0	<0.002	0.25	2.81	12.7	1	1.8	374	0.66	<0.05	12.3	0.267	1.69	3.7
M899542		1.6	1.4	<0.002	0.03	<0.05	0.3	1	<0.2	48.0	0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899543		154.0	198.0	<0.002	2.21	15.10	11.4	1	5.5	110.5	0.67	<0.05	13.8	0.243	2.82	5.4
M899544		51.1	122.0	<0.002	0.52	3.01	13.6	1	2.5	369	0.77	0.07	13.3	0.280	1.83	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-83

CERTIFICATE OF ANALYSIS WH12163814

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M899509		79	2.0	13.4	54	18.7	
M899510		74	1.7	13.3	56	18.2	
M899511		78	2.5	13.9	302	16.9	
M899512		69	2.9	12.7	185	17.5	
M899513		69	2.3	14.2	249	21.0	
M899514		71	1.3	15.5	69	20.3	
M899515		61	2.2	12.3	67	18.7	
M899516		69	2.8	13.0	92	20.4	
M899517		70	3.2	12.4	81	19.7	
M899518		75	1.5	14.3	57	20.4	
M899519		69	2.5	13.2	70	19.2	
M899520		2	0.1	0.7	15	<0.5	
M899521		68	1.7	14.2	57	21.3	
M899522		55	5.0	8.9	5410	23.5	
M899523		66	1.8	16.0	299	22.0	
M899524		70	1.4	12.5	51	19.2	
M899525		75	3.4	15.5	438	19.7	
M899526		56	5.1	10.2	2990	37.6	
M899527		75	1.4	17.5	49	22.7	
M899528		75	1.2	18.1	52	22.2	
M899529		78	1.9	18.4	50	23.2	
M899530		72	2.6	16.7	86	25.1	
M899531		71	1.6	16.7	91	20.7	
M899532		75	1.6	17.0	97	22.3	
M899533		76	3.0	15.5	225	20.6	
M899534		72	4.1	15.0	6260	17.7	132
M899535		79	1.6	16.8	235	21.6	
M899536		76	2.0	15.2	190	20.3	
M899537		78	1.7	16.0	105	21.9	
M899538		71	7.5	13.1	1950	18.5	
M899539		77	1.4	17.3	54	23.8	
M899540		75	5.9	15.3	1200	23.4	
M899541		76	1.8	16.3	73	23.1	
M899542		2	0.1	1.0	16	0.8	
M899543		69	5.5	13.8	811	20.3	
M899544		82	2.7	18.5	100	23.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza-83

CERTIFICATE OF ANALYSIS WH12163814

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12163815

Project: Klaza - 83

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

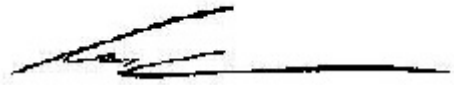
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12163815

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899545		2.01	0.027	0.37	7.70	26.5	2140	1.72	1.58	2.39	0.33	55.5	13.4	24	7.74	29.7
M899546		2.63	0.086	0.99	7.54	149.5	1440	1.65	1.82	2.19	0.92	53.1	8.1	23	16.55	61.2
M899547		4.59	0.015	0.28	7.43	14.2	2000	1.70	1.28	2.59	0.37	45.8	9.6	24	10.35	24.3
M899548		2.01	0.059	1.29	7.79	36.7	1840	2.00	3.18	3.24	0.22	47.0	11.7	15	20.7	38.4
M899549		2.93	0.028	0.41	7.32	39.2	1580	1.69	0.89	2.61	0.59	45.3	5.9	21	20.7	10.7
M899550		3.72	<0.005	0.01	0.08	<5	30	0.07	0.03	21.5	0.06	1.32	1.4	2	0.24	3.7
M899551		3.32	0.032	0.59	7.33	37.2	2290	1.52	1.30	2.58	0.61	53.2	8.0	23	14.95	24.6
M899552		1.89	0.226	3.14	7.62	256	980	1.66	2.93	2.09	7.19	50.8	11.0	16	21.9	61.3
M899553		2.22	0.013	0.23	7.51	6.5	3200	1.64	0.89	2.71	0.16	47.5	5.8	29	6.46	10.4
M899554		1.00	0.012	0.22	7.54	6.6	2990	1.54	0.77	2.77	0.15	46.1	7.6	16	5.95	8.7
M899555		2.24	0.054	1.55	7.27	196.0	1730	1.60	1.01	2.65	30.9	49.9	6.4	20	14.65	33.3
M899556		0.21	1.365	33.9	7.91	555	1250	1.97	1.27	0.30	32.2	79.2	6.1	18	3.75	135.5
M899557		4.95	0.006	0.31	7.53	8.2	2310	1.45	0.75	2.77	0.16	55.2	7.1	25	7.92	9.1
M899558		2.28	0.060	1.09	7.34	42.8	950	1.43	3.31	2.56	0.33	60.5	22.1	29	9.78	42.9
M899559		2.88	0.185	2.34	7.89	80.0	1690	1.67	5.82	2.72	1.18	49.1	14.4	16	19.45	241
M899560		1.91	0.907	18.85	6.91	195.0	1720	1.39	10.45	3.71	85.5	46.1	6.6	12	16.95	207
M899561		4.28	0.091	0.76	7.11	54.0	1750	1.89	2.33	3.27	0.51	46.6	9.3	16	18.15	37.9
M899562		1.78	0.684	10.95	7.36	194.5	430	1.64	31.0	1.72	14.95	44.3	8.2	18	11.75	268
M899563		3.92	0.073	0.44	7.03	15.0	2150	1.57	10.30	2.48	0.16	48.2	7.2	22	7.56	41.5
M899564		2.32	0.074	0.97	7.42	77.6	1880	1.63	0.74	3.56	1.63	41.6	15.1	11	21.0	35.9
M899565		2.60	0.014	0.24	7.25	8.7	2140	1.43	0.59	2.69	0.12	46.3	8.1	21	7.07	5.4
M899566		3.16	0.010	0.28	7.40	10.0	2230	1.57	1.02	2.49	0.18	46.6	6.4	20	8.40	14.0
M899567		<0.02	0.011	0.28	7.27	10.2	2280	1.65	0.97	2.44	0.14	46.1	6.5	20	8.76	15.5
M899568		1.96	0.034	0.37	6.94	27.2	2700	1.57	2.08	2.44	0.18	49.3	30.0	28	9.69	11.6
M899569		2.16	0.167	0.78	7.23	44.1	1920	1.62	4.08	2.81	0.24	42.6	10.1	21	13.40	66.5
M899570		1.57	0.156	3.15	6.80	61.8	1870	1.36	12.80	2.68	1.60	41.9	11.9	18	14.55	39.9
M899571		3.15	<0.005	0.05	0.07	<5	20	0.06	0.04	19.85	0.05	0.98	0.6	1	0.22	2.8
M899572		3.90	<0.005	0.12	7.15	6.2	2110	1.47	0.30	2.65	0.51	51.8	6.7	23	9.75	6.2
M899573		1.47	0.155	1.74	6.99	135.5	1860	1.72	1.02	2.80	2.56	46.2	12.7	15	13.35	44.7
M899574		2.31	0.034	0.59	7.82	20.5	2290	1.48	3.03	2.45	0.16	59.8	7.3	20	6.30	70.1
M899575		0.22	1.390	33.9	7.72	543	1250	1.89	1.25	0.30	31.8	79.4	6.1	18	3.32	138.0
M899576		3.49	0.426	0.54	7.26	16.8	2480	1.60	1.34	2.51	0.18	50.5	11.1	21	4.82	49.1
M899577		1.48	0.018	0.40	7.60	14.7	2300	1.68	1.16	2.51	0.17	59.5	7.2	17	7.49	28.5
M899578		3.00	0.168	2.15	7.06	71.4	1420	1.50	4.20	2.31	1.26	47.3	15.5	25	9.91	227
M899579		1.61	0.009	0.34	7.34	10.4	2140	1.50	2.63	2.44	0.12	52.6	7.1	19	5.53	31.5
M899580		2.26	0.728	59.1	6.72	875	870	1.53	4.95	2.43	19.65	61.6	6.1	14	14.25	4610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12163815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899545		3.91	17.35	0.18	1.0	0.249	2.80	28.4	16.6	0.90	723	2.19	1.95	8.4	2.9	640
M899546		4.92	17.05	0.18	0.9	0.343	3.27	27.3	18.4	0.86	1820	1.76	0.82	8.2	3.0	630
M899547		3.29	16.65	0.16	0.9	0.149	2.76	22.1	18.0	0.77	657	1.78	1.72	8.0	3.1	620
M899548		3.94	17.55	0.20	0.9	0.154	3.21	24.2	26.6	1.10	1060	1.73	0.22	7.8	3.3	620
M899549		3.89	17.00	0.18	0.8	0.287	3.03	22.8	19.1	0.98	1500	2.53	0.38	8.3	3.2	620
M899550		0.51	0.28	0.07	<0.1	0.006	0.04	0.6	1.0	13.25	228	0.15	<0.01	0.2	2.0	190
M899551		3.61	17.40	0.18	1.0	0.228	3.28	27.2	18.5	0.89	1260	2.95	1.07	8.7	3.0	670
M899552		4.75	17.90	0.19	1.0	0.305	3.53	25.2	11.9	0.84	3600	3.06	0.21	8.5	3.3	620
M899553		3.51	17.10	0.18	0.9	0.098	2.89	22.5	14.1	0.81	676	3.24	2.06	8.3	2.9	640
M899554		3.47	16.65	0.19	1.0	0.098	2.87	22.3	13.7	0.84	634	1.74	2.10	8.5	3.2	660
M899555		4.06	16.95	0.20	0.9	1.330	3.06	23.8	23.9	0.79	4350	2.10	1.05	8.5	3.1	640
M899556		5.82	22.5	0.32	2.3	0.250	3.59	39.1	27.0	0.29	1070	6.02	0.07	13.2	7.1	1800
M899557		3.27	16.05	0.19	1.0	0.111	2.75	27.3	13.6	0.82	645	2.19	2.13	8.2	3.1	640
M899558		4.31	16.00	0.21	0.8	0.552	2.84	33.4	18.1	0.77	777	2.57	1.13	7.5	3.6	650
M899559		4.03	17.30	0.21	0.8	0.491	3.10	24.6	61.1	0.95	1420	1.60	0.07	8.3	2.9	620
M899560		4.33	14.65	0.19	0.7	5.89	2.88	23.8	12.7	1.26	4830	3.56	0.05	7.3	2.8	560
M899561		3.28	16.80	0.19	0.9	0.350	3.14	23.0	39.8	1.05	1490	1.52	0.38	7.7	3.1	550
M899562		5.92	16.35	0.24	0.9	1.480	3.56	23.0	7.5	0.74	1480	1.57	0.06	7.2	3.1	570
M899563		3.19	17.20	0.13	0.9	0.196	2.61	23.1	14.8	0.72	561	1.80	1.71	7.9	3.4	550
M899564		2.96	16.90	0.13	1.0	0.156	2.74	21.2	25.8	0.85	1600	1.65	0.30	8.1	3.6	550
M899565		3.13	16.55	0.13	1.0	0.136	2.50	21.9	12.9	0.76	607	1.61	2.11	7.9	3.0	590
M899566		2.96	16.00	0.15	0.9	0.162	2.48	22.6	16.4	0.73	572	1.64	2.05	7.8	3.3	600
M899567		2.94	16.70	0.15	1.0	0.160	2.51	22.3	16.2	0.73	565	1.74	2.05	8.4	3.3	580
M899568		3.11	16.55	0.14	0.9	0.311	2.44	23.3	18.4	0.67	633	2.22	1.95	8.6	4.5	620
M899569		3.42	17.00	0.14	0.9	0.187	2.76	20.5	31.5	0.78	845	1.53	1.10	7.8	3.8	570
M899570		3.92	15.95	0.13	0.9	0.222	2.46	19.5	33.8	0.85	1840	1.80	1.26	7.4	3.7	550
M899571		0.46	0.21	0.09	<0.1	<0.005	0.03	0.5	1.1	12.50	210	0.12	<0.01	0.1	1.9	180
M899572		3.03	16.50	0.13	0.9	0.060	2.34	24.5	13.8	0.73	643	1.52	2.03	8.2	3.2	610
M899573		3.63	16.30	0.12	0.9	0.143	2.79	22.1	16.0	0.85	3700	1.38	1.17	7.7	3.6	570
M899574		3.76	16.90	0.17	1.0	0.219	2.77	29.5	16.5	0.89	823	1.60	1.56	7.8	3.0	650
M899575		5.72	23.9	0.21	3.2	0.226	3.49	36.5	24.6	0.28	1060	6.04	0.11	12.6	7.5	1750
M899576		3.44	17.25	0.16	1.0	0.131	2.57	23.9	13.0	0.81	637	1.72	2.13	8.5	3.6	600
M899577		3.40	17.35	0.15	1.0	0.148	2.64	29.2	12.0	0.79	648	1.34	1.91	9.1	3.2	620
M899578		3.45	15.30	0.14	1.0	0.606	3.20	24.5	8.9	0.62	1020	2.28	0.31	6.9	3.2	470
M899579		3.17	16.50	0.12	0.8	0.121	2.53	25.1	9.7	0.74	541	1.43	1.93	7.7	3.1	590
M899580		6.64	15.80	0.17	0.7	2.11	2.77	35.5	11.1	1.01	7200	1.68	0.22	6.4	3.2	480

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12163815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899545		30.1	132.5	<0.002	0.94	2.84	11.0	1	2.9	332	0.67	0.18	13.9	0.261	1.65	4.5
M899546		73.3	197.0	<0.002	1.86	7.15	11.0	1	3.6	195.0	0.62	0.22	14.7	0.265	2.75	5.0
M899547		18.0	115.0	<0.002	0.53	2.95	10.5	1	2.0	324	0.60	0.15	11.9	0.253	1.63	4.3
M899548		25.2	173.0	<0.002	1.67	8.09	11.0	2	2.7	155.5	0.64	0.66	11.4	0.255	2.58	5.4
M899549		29.2	149.5	<0.002	0.74	5.33	10.8	1	3.1	135.0	0.58	0.12	10.5	0.267	2.52	5.1
M899550		1.3	1.7	<0.002	0.02	<0.05	0.4	1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899551		39.5	165.5	<0.002	0.81	4.87	11.3	1	2.6	246	0.73	0.14	13.5	0.279	2.68	4.7
M899552		289	169.5	<0.002	2.58	10.90	10.6	1	4.7	95.2	0.71	0.17	14.0	0.269	3.85	4.4
M899553		20.0	107.0	<0.002	0.46	2.51	10.6	1	2.1	409	0.66	0.07	12.7	0.268	1.47	4.0
M899554		20.6	100.0	<0.002	0.36	2.23	10.5	2	1.9	411	0.67	0.06	11.6	0.273	1.41	4.1
M899555		116.5	130.5	<0.002	1.37	6.62	10.7	2	3.2	258	0.69	0.06	12.5	0.268	2.29	4.3
M899556		4070	175.0	0.004	0.63	69.0	15.0	5	22.2	397	0.84	0.33	7.8	0.469	2.00	4.0
M899557		18.3	95.1	<0.002	0.16	1.77	11.0	1	1.8	388	0.69	<0.05	14.8	0.265	1.24	4.2
M899558		22.5	136.5	<0.002	1.75	3.62	10.9	1	3.6	245	0.59	0.25	15.0	0.240	1.84	5.9
M899559		58.7	134.5	<0.002	1.37	6.57	11.2	1	3.4	128.0	0.62	0.23	12.9	0.268	2.26	3.6
M899560		668	157.0	<0.002	2.63	27.5	10.2	2	4.3	122.0	0.53	0.17	11.0	0.239	2.37	5.1
M899561		24.9	124.5	<0.002	0.76	6.40	9.3	1	2.4	168.5	0.60	0.21	11.8	0.238	2.57	5.6
M899562		190.0	187.0	<0.002	5.24	13.30	9.7	2	6.3	61.2	0.66	1.06	12.2	0.230	3.03	4.3
M899563		19.6	109.0	<0.002	0.56	6.72	11.0	1	2.4	328	0.64	0.25	11.8	0.234	1.51	4.3
M899564		44.9	110.5	<0.002	1.08	9.14	10.1	1	2.5	171.0	0.73	0.13	10.4	0.242	2.28	5.7
M899565		18.2	89.5	<0.002	0.24	1.58	10.7	1	1.6	371	0.64	0.07	11.6	0.237	1.17	4.2
M899566		17.7	99.4	<0.002	0.25	2.08	10.4	1	1.7	373	0.69	0.21	12.8	0.238	1.19	4.7
M899567		17.2	105.5	<0.002	0.23	2.18	10.8	1	1.8	368	0.75	0.17	10.9	0.241	1.22	4.2
M899568		16.6	110.0	<0.002	0.85	2.27	10.7	1	2.4	303	0.72	0.33	11.9	0.242	1.63	4.6
M899569		24.2	113.5	0.002	0.94	4.58	10.4	1	2.3	249	0.64	0.42	12.0	0.233	1.94	4.6
M899570		210	102.0	<0.002	1.39	5.27	10.3	1	2.0	272	0.63	0.60	9.6	0.227	1.47	3.8
M899571		1.4	1.4	<0.002	0.01	0.09	0.2	1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899572		18.4	91.6	<0.002	0.07	1.62	10.8	2	1.6	369	0.68	<0.05	13.5	0.248	1.17	4.6
M899573		158.5	113.5	<0.002	1.06	7.73	10.4	1	2.1	246	0.72	0.16	11.4	0.239	1.98	5.2
M899574		18.7	133.0	<0.002	0.81	2.44	11.1	1	2.1	277	0.74	0.37	14.4	0.238	1.71	5.7
M899575		3880	180.5	0.004	0.61	69.4	15.7	5	21.5	377	0.77	0.33	7.2	0.446	2.02	3.9
M899576		20.9	93.4	<0.002	0.46	1.86	11.4	1	2.1	369	0.70	0.21	12.5	0.255	1.19	4.9
M899577		19.8	113.5	0.002	0.36	2.45	11.9	1	2.0	338	0.90	0.17	15.8	0.253	1.29	5.7
M899578		76.2	190.0	0.002	1.36	8.50	9.5	1	3.2	108.5	0.76	0.26	15.0	0.176	2.32	9.2
M899579		18.6	102.5	0.002	0.26	1.86	10.5	1	1.9	346	0.58	<0.05	13.5	0.234	1.28	3.6
M899580		323	194.5	<0.002	3.13	146.5	9.7	1	4.9	91.4	0.47	0.06	11.7	0.204	2.73	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12163815

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899545		74	2.1	17.2	64	23.0
M899546		74	4.9	14.3	136	23.9
M899547		72	1.6	15.0	92	21.7
M899548		76	3.3	15.2	68	20.7
M899549		75	3.8	13.0	106	19.7
M899550		2	0.1	0.9	13	<0.5
M899551		77	3.5	14.7	103	22.0
M899552		74	7.5	12.9	675	22.0
M899553		76	1.5	16.4	52	22.2
M899554		76	1.3	16.3	51	21.9
M899555		76	3.5	15.3	2400	20.2
M899556		148	3.9	20.5	2490	75.5
M899557		74	1.6	17.0	52	23.5
M899558		72	2.7	15.1	82	19.0
M899559		73	2.8	14.3	152	19.7
M899560		69	2.9	13.8	6210	16.6
M899561		71	2.7	13.7	117	21.6
M899562		68	4.5	10.9	1210	20.4
M899563		71	1.4	16.1	48	20.2
M899564		72	3.7	15.7	169	20.0
M899565		69	1.2	16.1	50	20.8
M899566		67	1.2	15.8	52	18.8
M899567		68	1.2	16.4	52	20.0
M899568		69	2.0	15.4	45	20.0
M899569		67	2.0	14.5	59	19.1
M899570		69	2.1	14.3	165	18.1
M899571		2	0.1	0.7	12	<0.5
M899572		72	0.8	16.7	74	19.3
M899573		69	2.7	14.8	294	16.6
M899574		73	1.8	17.5	52	18.4
M899575		148	3.9	21.4	2490	71.8
M899576		76	4.0	18.0	48	20.3
M899577		73	1.8	19.0	46	20.4
M899578		62	3.6	13.6	134	19.6
M899579		69	2.6	15.7	40	19.0
M899580		60	5.2	13.7	1180	14.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12163815

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164240

Project: Klaza TR-12-36

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

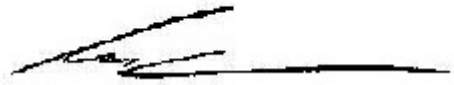
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164240

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899901		5.43	0.005	0.24	8.63	16.4	1270	1.54	2.58	0.81	0.16	47.3	10.7	15	19.65	75.0
M899902		4.61	0.005	0.18	8.32	16.8	1460	1.63	1.06	0.67	0.16	48.9	12.0	14	16.75	48.0
M899903		5.34	<0.005	0.13	8.50	12.1	1170	1.49	0.38	0.45	0.10	47.4	11.3	14	13.20	28.1
M899904		3.29	0.011	0.71	8.08	78.1	1890	1.62	0.49	0.30	0.43	55.9	11.1	14	20.2	116.0
M899905		3.26	0.010	0.64	8.15	216	1040	1.46	0.42	0.42	0.70	49.3	12.0	13	18.95	49.0
M899906		4.76	0.006	0.21	8.39	101.0	1250	1.59	0.16	0.46	0.21	47.8	10.8	14	17.75	11.9
M899907		3.36	<0.005	0.16	9.16	27.0	1210	1.50	0.17	0.46	0.12	46.7	10.0	18	15.40	13.0
M899908		4.50	0.006	0.19	8.74	40.7	1340	1.53	1.14	0.54	0.16	47.6	11.1	16	22.6	24.4
M899909		3.48	0.008	0.33	8.13	49.2	1370	1.63	1.18	0.36	0.29	46.7	12.6	17	27.1	21.9
M899910		3.91	0.012	0.60	8.21	107.5	1250	1.64	0.93	0.66	0.24	48.5	13.4	14	18.20	46.5
M899911		5.30	0.005	0.39	8.47	33.8	1200	1.52	2.42	0.68	0.24	55.8	12.3	17	15.65	62.8
M899912		0.28	2.32	25.3	6.23	3150	1590	1.37	21.1	2.31	82.4	43.8	12.2	20	15.15	452
M899913		3.25	<0.005	0.15	9.28	14.2	1300	1.48	0.17	0.36	0.15	52.8	10.1	17	16.30	14.3
M899914		3.43	0.007	0.62	8.20	150.5	1040	1.91	0.76	0.35	0.20	50.4	13.3	15	21.8	14.7
M899915		3.71	<0.005	0.19	9.16	18.7	1320	1.64	0.32	0.41	0.10	52.5	11.1	16	16.00	21.9
M899916		3.73	0.005	0.17	8.68	15.9	1260	1.59	0.78	0.59	0.16	49.0	12.2	15	17.05	12.6
M899917		4.72	0.006	0.25	8.25	20.6	1250	1.40	0.72	0.80	0.29	52.5	11.6	21	12.15	25.6
M899918		3.44	0.027	0.95	8.39	135.0	1190	1.78	0.51	0.60	0.33	60.8	12.6	25	27.8	79.2
M899919		3.07	0.516	8.49	8.37	2210	1510	2.23	1.07	0.78	2.78	72.7	27.6	167	32.6	181.5
M899920		3.32	0.074	2.26	8.54	340	1240	1.72	0.78	0.58	0.59	52.0	14.4	20	26.3	81.2
M899921		3.11	0.033	0.95	9.11	240	2090	1.78	0.81	1.03	0.44	50.0	13.5	20	27.4	75.9
M899922		3.57	0.006	0.38	8.51	54.9	1020	1.66	0.87	1.16	0.21	52.3	11.2	14	19.45	139.5
M899923		3.64	0.005	0.63	7.92	43.9	980	1.57	1.25	1.86	0.15	39.1	9.6	15	18.80	121.0
M899924		3.49	0.032	0.87	8.43	159.0	1100	1.49	18.35	0.73	0.19	53.5	11.2	15	16.25	210
M899925		3.16	0.108	1.66	8.25	554	1350	1.38	0.68	0.47	0.27	49.9	10.6	16	24.2	101.0
M899926		3.89	0.009	0.24	8.85	104.5	1490	1.41	0.34	0.63	0.36	47.4	11.2	16	14.65	74.0
M899927		4.31	0.042	0.52	8.80	438	2490	1.49	0.30	0.38	0.39	52.3	12.9	15	20.1	121.5
M899928		2.93	0.006	0.21	8.71	33.1	1350	1.14	0.23	0.37	0.17	42.1	11.3	23	10.65	103.0
M899929		2.52	0.006	0.29	8.51	144.0	2030	1.45	0.24	0.41	0.19	50.3	12.7	25	15.50	85.6
M899930		3.33	<0.005	0.17	7.95	93.5	1330	1.43	0.14	0.50	0.21	45.1	11.7	20	20.1	28.2
M899931		3.36	0.073	1.38	7.84	623	1320	1.67	0.34	0.36	2.38	50.4	10.5	24	25.8	122.0
M899932		7.08	0.062	1.48	7.86	715	1280	1.29	0.41	0.27	3.11	47.7	10.4	21	17.40	24.3
M899933		3.16	<0.005	0.01	0.13	9	40	0.06	0.07	21.9	0.06	1.20	1.2	8	0.67	2.2
M899934		4.67	<0.005	0.13	8.18	20.3	790	1.50	0.26	1.50	0.13	45.9	9.9	21	31.1	21.7
M899935		4.62	0.009	0.44	8.29	89.5	1060	1.61	0.57	0.60	1.04	46.5	10.7	15	27.3	15.2
M899936		3.41	0.005	0.32	8.52	33.0	810	1.81	1.36	0.38	0.30	36.2	11.2	18	21.8	94.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164240

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899901		3.56	18.80	0.10	0.7	0.037	2.54	25.2	42.9	0.24	892	2.04	1.38	8.4	5.5	600
M899902		3.65	18.60	0.12	0.7	0.038	2.45	27.7	21.2	0.25	845	2.69	1.04	8.5	6.1	590
M899903		3.62	18.05	0.11	0.7	0.033	2.07	21.6	19.6	0.39	847	1.48	1.12	8.9	5.8	620
M899904		3.48	19.30	0.13	0.8	0.056	2.93	33.6	14.5	0.24	2110	3.02	0.28	9.6	6.1	580
M899905		3.47	17.85	0.12	0.8	0.040	2.55	29.8	18.3	0.25	1650	2.51	0.49	9.3	6.5	580
M899906		3.30	18.70	0.11	0.9	0.036	2.43	25.7	16.9	0.25	852	1.38	1.42	10.4	6.1	590
M899907		3.63	19.75	0.10	0.9	0.043	2.17	21.1	20.8	0.26	717	1.28	1.29	11.0	6.3	700
M899908		3.54	19.10	0.11	0.8	0.041	2.69	26.0	15.6	0.37	1160	1.60	1.16	9.2	6.3	650
M899909		3.80	19.20	0.13	0.7	0.043	3.08	28.0	19.0	0.30	1500	2.45	0.21	9.2	7.6	600
M899910		4.27	18.25	0.13	0.7	0.055	2.43	31.5	58.4	0.34	2150	2.80	0.84	8.2	6.7	600
M899911		3.82	18.90	0.12	0.8	0.044	2.28	29.3	37.6	0.44	1210	1.76	1.31	9.4	7.4	650
M899912		7.01	15.85	0.12	1.0	1.775	2.70	24.5	25.8	0.95	1920	13.90	0.04	6.7	16.3	460
M899913		3.34	20.8	0.11	0.8	0.042	2.22	27.3	30.0	0.27	738	1.34	0.94	10.3	5.4	680
M899914		3.72	18.65	0.12	0.7	0.041	2.53	31.8	156.0	0.25	1640	2.45	0.19	9.1	6.7	600
M899915		3.71	20.3	0.11	0.8	0.038	2.50	27.8	68.0	0.38	830	1.33	0.89	10.2	5.9	680
M899916		3.70	18.95	0.12	0.7	0.039	2.43	26.2	32.9	0.30	1210	1.56	1.14	9.6	6.1	620
M899917		3.65	18.05	0.11	0.8	0.040	2.29	26.4	29.0	0.67	1080	1.57	1.70	9.0	7.6	660
M899918		3.97	19.80	0.15	0.8	0.053	2.64	36.2	24.5	0.50	1380	1.65	1.11	8.5	8.0	630
M899919		7.02	19.80	0.22	1.0	0.204	2.77	62.7	34.0	0.49	4450	5.12	0.36	6.3	25.6	1150
M899920		4.31	19.80	0.13	0.7	0.062	3.07	32.1	20.7	0.43	1900	2.99	0.54	8.2	8.2	600
M899921		4.10	22.5	0.13	0.7	0.057	3.50	29.8	18.9	0.39	1620	2.28	0.32	7.8	7.8	570
M899922		3.41	18.25	0.12	1.0	0.048	3.06	30.7	20.0	0.32	1080	4.98	0.31	9.1	5.8	570
M899923		3.15	17.20	0.11	0.8	0.060	3.18	20.9	20.3	0.30	1310	4.98	0.17	8.5	5.0	570
M899924		3.66	18.00	0.13	0.9	0.076	2.64	28.9	22.8	0.57	1280	2.14	0.94	8.9	5.6	570
M899925		3.52	18.05	0.12	0.8	0.078	2.87	31.6	23.5	0.57	1660	2.25	0.71	8.3	5.6	550
M899926		3.67	18.20	0.11	0.8	0.040	2.36	23.1	29.2	0.60	1240	1.66	1.79	9.3	6.1	630
M899927		3.88	18.90	0.14	0.7	0.097	2.92	34.9	22.6	0.33	2300	3.73	1.02	8.8	6.7	620
M899928		3.66	17.80	0.10	0.8	0.046	2.33	18.2	36.7	0.65	753	1.08	1.13	9.9	6.0	650
M899929		3.74	17.60	0.12	0.8	0.045	2.96	28.8	23.3	0.39	2180	5.87	0.57	9.1	6.5	610
M899930		3.29	17.35	0.11	0.7	0.034	3.27	24.8	15.3	0.27	1400	2.36	0.13	8.6	5.0	580
M899931		3.34	17.70	0.11	0.7	0.058	3.22	28.9	17.2	0.27	3210	4.23	0.05	8.1	5.1	530
M899932		3.85	17.70	0.11	0.8	0.141	3.33	26.9	11.7	0.30	4540	16.15	0.04	8.4	5.0	510
M899933		0.50	0.41	0.10	<0.1	0.007	0.06	0.6	1.5	13.20	229	0.24	0.01	0.3	1.8	190
M899934		3.45	17.50	0.12	0.8	0.055	3.27	25.7	19.7	0.35	1720	2.25	0.05	8.2	4.8	530
M899935		3.74	17.40	0.13	0.7	0.070	3.16	24.1	25.1	0.31	2550	2.63	0.10	7.3	5.6	590
M899936		3.95	18.75	0.11	0.8	0.085	2.32	15.1	27.4	0.24	1210	17.90	0.36	8.7	6.1	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164240

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899901		22.0	122.5	<0.002	0.02	14.55	13.1	1	1.9	191.0	0.66	<0.05	11.8	0.312	1.26	2.3
M899902		12.4	122.0	<0.002	0.03	9.51	13.5	1	2.0	142.5	0.65	<0.05	11.8	0.310	1.20	2.3
M899903		15.3	94.8	<0.002	0.01	8.99	14.0	1	1.6	171.0	0.73	<0.05	12.2	0.324	1.00	2.2
M899904		39.2	176.5	<0.002	0.06	33.8	14.9	1	1.7	120.0	0.83	<0.05	12.7	0.303	2.09	2.9
M899905		37.0	142.5	<0.002	0.01	25.2	13.1	1	1.5	107.0	0.76	<0.05	13.2	0.316	1.86	2.8
M899906		16.7	125.5	<0.002	0.01	10.15	13.4	1	1.4	175.5	0.94	<0.05	13.9	0.315	1.52	2.8
M899907		15.1	97.2	<0.002	<0.01	9.73	15.1	1	1.6	189.0	1.12	<0.05	13.6	0.368	0.95	2.7
M899908		15.7	151.0	<0.002	0.01	16.65	14.7	1	1.8	144.0	0.79	0.26	13.2	0.331	1.67	2.4
M899909		12.6	188.0	<0.002	0.03	36.2	15.6	1	1.8	62.9	0.72	0.12	12.7	0.320	2.12	3.2
M899910		15.4	128.5	<0.002	0.03	39.6	13.6	1	1.5	162.0	0.66	<0.05	11.8	0.304	1.60	3.0
M899911		19.2	127.0	<0.002	0.01	16.00	14.2	1	1.8	187.0	0.71	<0.05	13.2	0.333	1.40	2.6
M899912		2870	167.5	0.002	4.90	94.8	8.8	1	8.2	92.4	0.50	0.40	10.7	0.183	2.37	5.9
M899913		16.9	104.5	<0.002	0.01	10.25	15.9	1	1.9	145.5	0.81	<0.05	14.1	0.355	1.04	2.3
M899914		13.7	153.0	<0.002	0.01	19.10	15.3	1	1.6	62.8	0.72	<0.05	12.4	0.312	1.85	2.8
M899915		14.3	129.5	<0.002	<0.01	13.10	15.3	1	1.7	144.0	0.98	<0.05	13.2	0.346	1.38	2.4
M899916		13.9	122.5	<0.002	<0.01	10.90	14.4	1	1.8	157.5	0.88	<0.05	12.4	0.321	1.31	2.8
M899917		25.4	118.5	<0.002	0.01	10.05	13.3	1	1.7	215	0.71	<0.05	11.8	0.334	1.21	2.3
M899918		42.5	165.5	<0.002	0.01	24.9	16.2	1	1.9	140.0	0.69	<0.05	12.8	0.322	1.76	2.6
M899919		300	189.5	<0.002	0.12	75.2	36.4	2	3.9	117.5	0.41	0.14	10.7	0.467	2.37	4.4
M899920		33.4	161.0	<0.002	0.02	37.1	14.9	1	1.9	97.0	0.66	<0.05	11.9	0.309	1.94	2.5
M899921		27.0	181.0	<0.002	0.05	38.5	13.6	1	1.9	84.2	0.62	<0.05	10.5	0.292	2.15	2.5
M899922		15.0	169.0	<0.002	0.03	24.9	12.7	1	1.8	92.3	0.87	<0.05	14.7	0.296	2.00	2.8
M899923		12.6	150.5	<0.002	0.03	22.9	12.3	1	1.9	76.2	0.78	<0.05	10.4	0.295	2.01	2.1
M899924		26.5	137.0	<0.002	0.02	12.80	12.7	1	2.3	157.0	0.73	0.17	14.5	0.305	1.50	2.3
M899925		33.0	174.5	<0.002	0.01	16.45	13.3	1	2.3	110.0	0.69	<0.05	13.9	0.294	2.08	2.1
M899926		26.9	113.0	<0.002	0.01	7.51	13.8	1	1.9	246	0.76	<0.05	13.4	0.328	1.32	2.3
M899927		50.7	181.5	<0.002	0.06	24.1	14.9	1	2.1	160.5	0.72	<0.05	13.7	0.320	2.38	2.6
M899928		15.5	104.5	<0.002	0.01	3.85	13.1	1	2.2	170.5	0.83	<0.05	13.5	0.343	1.11	1.8
M899929		18.8	183.0	<0.002	0.04	12.80	13.8	1	1.8	103.5	0.75	<0.05	13.0	0.308	2.30	2.8
M899930		13.9	195.0	<0.002	0.05	16.30	12.9	1	1.7	62.7	0.67	<0.05	12.7	0.310	2.63	2.6
M899931		96.8	205	<0.002	0.13	39.4	12.5	1	1.8	187.0	0.65	<0.05	12.1	0.290	2.72	2.8
M899932		389	197.5	<0.002	0.30	21.1	11.5	1	1.7	83.8	0.82	<0.05	13.6	0.262	2.11	2.7
M899933		1.7	4.0	<0.002	0.01	0.14	0.4	1	<0.2	39.5	<0.05	<0.05	<0.2	0.005	0.05	0.6
M899934		9.5	188.0	<0.002	0.05	14.15	12.0	1	1.6	60.2	0.75	<0.05	13.2	0.264	2.27	2.5
M899935		42.7	180.5	<0.002	0.12	30.1	12.8	1	1.7	70.4	0.58	<0.05	12.1	0.288	2.56	2.7
M899936		13.4	115.0	<0.002	0.05	32.9	14.4	1	2.7	54.8	0.67	0.05	10.2	0.343	1.62	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164240

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899901		108	2.0	15.1	66	14.0
M899902		106	1.8	16.5	56	14.8
M899903		104	2.2	13.4	53	14.0
M899904		105	1.9	15.3	95	15.7
M899905		103	2.8	15.2	89	15.7
M899906		102	2.2	14.5	57	17.9
M899907		120	2.6	14.2	53	17.8
M899908		112	1.5	15.6	66	16.5
M899909		113	1.6	17.6	78	16.9
M899910		106	1.8	20.1	72	15.5
M899911		109	2.0	15.6	72	19.0
M899912		59	5.5	10.6	5200	27.7
M899913		111	4.2	15.9	57	15.6
M899914		108	2.3	19.5	79	14.7
M899915		114	1.9	16.1	66	15.3
M899916		111	1.8	15.3	73	15.1
M899917		106	1.7	12.9	81	19.8
M899918		121	2.3	23.3	94	17.4
M899919		221	4.8	45.4	416	27.6
M899920		119	1.9	20.6	110	15.8
M899921		134	1.9	17.8	92	17.5
M899922		98	2.1	16.1	76	22.8
M899923		98	2.5	15.2	59	18.0
M899924		100	3.8	16.4	75	22.7
M899925		98	3.1	19.4	85	19.0
M899926		109	2.1	13.5	90	17.6
M899927		108	3.6	22.3	95	15.5
M899928		103	4.5	11.6	64	17.3
M899929		107	3.1	16.6	70	16.5
M899930		99	1.9	14.5	60	14.4
M899931		97	3.3	15.2	222	13.7
M899932		89	2.8	14.3	317	16.3
M899933		4	0.1	0.8	17	<0.5
M899934		95	2.6	15.0	63	16.8
M899935		97	2.6	13.6	137	12.5
M899936		121	3.8	11.6	89	12.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-36

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12164240

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164241

Project: Klaza TR-12-36

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

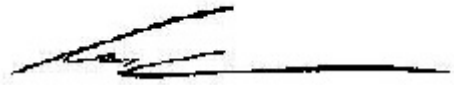
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164241

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899937		4.35	0.012	0.28	8.62	99.8	1110	1.41	0.58	0.30	0.52	48.1	9.6	16	17.40	41.9
M899938		3.88	0.041	0.79	8.89	200	1060	1.33	0.60	0.36	1.43	45.1	8.5	15	18.00	79.8
M899939		4.39	0.006	0.44	8.54	45.9	1270	1.53	0.58	0.40	0.30	52.4	9.2	14	26.6	101.0
M899940		3.84	0.009	0.27	8.61	44.8	1070	1.62	0.39	0.75	0.45	55.9	9.9	14	43.0	38.8
M899941		2.95	<0.005	0.04	0.11	<5	20	<0.05	0.02	19.60	0.06	1.08	0.6	2	0.32	1.6
M899942		2.66	0.007	0.16	9.07	42.9	1300	1.47	3.29	0.59	0.42	47.4	10.6	14	20.1	10.1
M899943		3.59	0.020	1.15	8.01	177.0	1120	1.64	0.88	0.69	1.69	64.0	11.7	19	16.45	32.9
M899944		2.76	0.036	1.53	8.02	356	1210	1.61	0.87	0.44	1.85	58.2	11.8	16	20.0	74.0
M899945		3.48	0.021	0.75	8.47	168.0	1180	1.83	0.70	0.40	0.89	51.3	10.8	16	20.1	69.7
M899946		3.08	0.026	0.88	8.48	166.5	1070	2.25	0.65	0.46	1.06	59.6	11.5	16	24.8	59.1
M899947		3.26	0.028	1.08	8.08	159.0	1650	1.64	0.49	0.38	1.20	52.4	9.9	18	19.00	60.8
M899948		3.58	0.055	1.01	7.45	412	1240	1.28	0.55	0.30	1.39	34.9	9.0	15	19.60	26.8
M899949		3.65	0.021	0.57	7.83	154.0	1050	1.57	3.55	0.39	1.23	48.2	11.0	16	20.1	32.8
M899950		3.21	0.012	0.49	7.79	103.0	860	1.18	0.78	0.61	0.83	47.0	9.1	16	16.60	49.2
M899951		3.17	0.011	0.69	8.08	102.0	960	1.62	1.52	0.59	0.94	57.3	9.7	19	17.90	51.8
M899952		3.85	0.008	0.45	8.09	103.0	970	1.55	1.40	0.45	0.71	56.5	10.6	16	17.05	91.4
M899953		2.65	0.006	0.39	8.52	46.4	850	1.69	1.33	0.36	0.51	54.6	10.5	15	14.40	64.3
M899954		3.31	0.013	1.04	8.23	90.5	900	1.60	0.97	0.40	0.87	52.6	10.9	14	19.75	49.1
M899955		3.27	0.013	2.58	7.92	70.6	1040	1.45	1.47	0.60	0.88	50.6	10.5	17	13.10	79.5
M899956		4.24	0.028	25.8	8.72	85.4	1070	2.64	0.67	0.36	3.44	43.9	10.8	13	24.7	55.4
M899957		3.92	0.019	2.89	8.59	106.5	1250	1.62	1.35	0.45	3.29	49.7	11.3	14	21.5	43.1
M899958		3.15	0.015	0.63	7.67	158.5	810	1.29	0.57	0.61	1.04	52.5	9.9	18	14.30	33.8
M899959		5.19	0.018	0.87	8.41	141.5	1340	1.38	1.40	0.48	1.05	51.9	11.2	15	17.15	52.3
M899960		3.57	0.007	0.53	8.38	54.7	1260	1.33	1.84	0.46	0.24	48.6	11.8	14	20.9	31.5
M899961		3.17	0.006	0.57	8.80	36.3	1900	1.51	1.34	0.77	0.20	42.1	11.5	15	20.7	54.6
M899962		4.66	0.010	1.48	8.04	69.5	870	1.38	2.70	0.65	0.78	46.2	9.7	13	14.00	47.2
M899963		0.28	2.20	26.3	6.10	3520	310	1.33	18.95	2.28	80.4	44.0	11.7	19	15.35	442
M899964		4.37	0.007	0.84	8.84	37.7	1190	1.51	3.37	0.61	0.68	49.3	12.4	14	17.30	121.5
M899965		4.60	<0.005	0.27	8.31	13.8	1190	1.34	1.10	1.84	0.20	41.0	10.8	13	17.20	28.9
M899966		4.83	<0.005	0.41	8.66	16.0	1320	1.29	1.21	1.51	0.27	39.7	11.6	15	20.2	109.5
M899967		3.62	<0.005	0.34	8.55	13.1	1250	1.24	1.29	1.28	0.22	42.2	11.6	14	17.60	88.1
M899968		3.92	<0.005	0.25	8.73	9.3	1110	1.34	3.23	0.44	0.21	47.3	10.0	13	16.15	47.5
M899969		5.68	0.019	0.47	7.76	601	1180	1.17	0.77	1.57	0.65	38.0	11.8	13	17.80	9.4
M899970		4.65	<0.005	0.15	8.41	8.3	1260	1.21	0.63	0.64	0.19	49.3	9.1	12	16.70	5.9
M899971		4.41	0.005	0.20	8.32	13.9	1040	1.25	0.87	1.20	0.23	50.8	7.9	13	26.4	8.0
M899972		2.80	<0.005	0.10	7.79	4.2	920	1.27	1.22	3.25	0.33	41.2	9.9	10	12.95	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164241

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899937		3.80	17.00	0.14	0.7	0.043	2.33	26.8	21.9	0.26	1500	2.14	0.25	7.7	6.1	640
M899938		3.75	16.85	0.11	0.6	0.049	2.02	23.1	28.0	0.38	1240	1.58	0.90	8.2	6.5	640
M899939		3.60	16.20	0.13	0.7	0.042	2.06	33.6	21.2	0.41	1160	2.64	1.26	8.2	6.0	590
M899940		3.80	17.05	0.15	0.7	0.092	2.43	30.6	26.7	0.45	2230	1.98	0.72	7.9	6.3	600
M899941		0.46	0.24	0.09	<0.1	<0.005	0.03	0.6	1.0	12.75	213	0.21	0.01	0.1	2.0	170
M899942		4.07	20.3	0.12	0.7	0.490	1.91	21.9	36.2	0.94	963	1.51	1.82	8.6	6.8	640
M899943		3.64	18.00	0.13	0.9	0.073	2.41	38.0	23.0	0.43	2170	2.33	1.08	9.3	9.0	630
M899944		3.79	18.40	0.16	0.8	0.226	2.92	38.5	34.2	0.31	3360	8.48	0.39	8.7	8.0	590
M899945		3.89	17.30	0.15	0.8	0.070	2.24	31.6	170.5	0.25	1660	5.04	0.40	8.5	7.3	640
M899946		3.70	18.80	0.16	0.8	0.066	2.00	36.8	310	0.27	1500	2.41	0.49	9.0	8.8	650
M899947		3.75	17.10	0.15	0.7	0.091	2.86	32.1	66.6	0.32	2300	3.07	0.44	8.1	7.2	600
M899948		3.67	15.10	0.14	0.6	0.117	3.03	20.9	17.3	0.29	3140	2.87	0.25	7.2	6.2	570
M899949		3.71	17.80	0.13	0.7	0.079	2.58	25.4	29.5	0.30	1740	2.29	0.83	8.6	7.8	600
M899950		3.71	14.40	0.13	0.6	0.051	2.54	25.8	23.4	0.37	1900	2.22	0.70	7.2	6.5	600
M899951		3.62	16.45	0.14	0.7	0.060	2.32	33.5	76.2	0.34	1570	2.29	0.77	8.2	7.3	610
M899952		3.64	16.90	0.14	0.7	0.066	2.32	31.1	33.1	0.33	1380	2.64	1.01	7.9	7.0	610
M899953		3.74	18.05	0.11	0.7	0.056	2.78	28.6	23.8	0.38	1160	2.14	1.18	7.5	6.5	630
M899954		4.08	17.40	0.11	0.7	0.109	3.10	30.9	22.3	0.36	3090	3.70	0.44	7.5	6.7	620
M899955		3.75	16.35	0.10	0.7	0.062	2.29	25.7	21.3	0.36	1700	2.47	0.99	8.2	6.8	630
M899956		3.91	19.25	0.09	0.6	0.053	2.00	21.7	550	0.23	2180	2.39	0.09	8.3	6.1	630
M899957		4.07	18.10	0.10	0.7	0.079	2.99	25.8	63.5	0.34	3130	3.49	0.39	8.3	6.5	620
M899958		3.40	16.55	0.10	0.8	0.067	2.76	27.1	20.2	0.42	1700	6.93	0.68	8.3	9.0	640
M899959		3.83	18.20	0.10	0.7	0.065	2.79	27.7	19.8	0.36	1720	17.35	0.79	8.6	6.8	620
M899960		3.74	17.60	0.10	0.7	0.049	2.60	25.3	16.4	0.35	1110	1.90	0.76	7.8	6.2	570
M899961		3.89	19.00	0.10	0.7	0.045	2.72	20.8	15.7	0.37	1100	2.26	0.76	8.4	6.3	620
M899962		3.69	16.65	0.10	0.8	0.092	3.09	25.3	16.9	0.29	2310	4.34	0.10	8.3	5.7	560
M899963		6.96	14.75	0.13	1.0	1.850	2.74	22.2	19.3	0.93	1900	14.20	0.05	6.2	15.8	460
M899964		3.94	19.35	0.10	0.8	0.158	2.62	24.6	18.3	0.33	1360	11.85	0.79	8.8	6.3	650
M899965		3.81	17.70	0.10	0.7	0.053	2.41	20.3	23.2	0.31	1250	2.82	1.02	8.5	5.7	620
M899966		3.98	18.70	0.09	0.7	0.098	2.14	19.0	17.8	0.33	867	8.11	0.67	8.6	6.0	620
M899967		3.72	18.45	0.10	0.6	0.048	2.11	21.5	24.5	0.23	1200	3.87	0.62	8.5	6.1	640
M899968		3.64	18.00	0.10	0.7	0.047	2.07	25.4	29.3	0.19	1030	1.97	0.33	8.8	5.6	650
M899969		4.13	16.25	0.10	0.6	0.051	2.10	19.1	28.8	0.37	2420	1.68	0.15	7.8	6.0	540
M899970		3.48	17.90	0.10	0.7	0.044	2.02	24.7	21.4	0.26	1030	1.10	1.07	8.3	5.7	610
M899971		3.16	17.35	0.10	0.7	0.047	2.96	26.4	15.6	0.26	1050	1.41	0.73	9.4	4.4	580
M899972		3.48	16.25	0.09	0.7	0.053	1.67	20.5	15.4	0.73	1160	0.51	1.26	9.2	5.1	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164241

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899937		21.4	157.0	<0.002	0.04	18.60	13.3	2	1.9	52.9	0.65	0.06	13.5	0.312	1.73	2.5
M899938		138.0	106.0	<0.002	0.02	15.55	13.1	1	3.2	112.0	0.66	<0.05	14.4	0.332	1.20	2.5
M899939		14.9	137.0	<0.002	0.02	24.6	13.5	2	3.1	124.0	0.66	0.05	15.2	0.323	1.43	2.5
M899940		23.9	162.5	<0.002	0.05	10.50	13.0	2	2.0	92.3	0.69	<0.05	15.3	0.304	1.90	2.3
M899941		1.3	1.8	<0.002	0.01	0.18	0.2	1	<0.2	39.8	<0.05	<0.05	0.2	<0.005	0.04	0.8
M899942		12.1	115.5	<0.002	0.02	10.65	12.2	1	6.4	150.5	0.74	<0.05	13.4	0.337	1.33	1.9
M899943		137.5	158.0	<0.002	0.04	15.70	14.2	2	2.0	169.5	0.75	0.06	16.0	0.324	2.08	3.0
M899944		196.0	214	<0.002	0.06	29.4	14.7	3	2.1	90.3	0.73	0.07	16.7	0.313	2.58	3.1
M899945		50.7	140.0	<0.002	0.02	30.6	13.9	2	2.0	102.5	0.75	0.07	15.2	0.336	1.95	2.7
M899946		66.1	134.5	<0.002	0.03	32.7	14.7	2	2.0	125.0	0.76	<0.05	15.4	0.328	1.79	2.9
M899947		167.0	211	<0.002	0.06	21.1	13.1	2	1.9	86.9	0.70	<0.05	12.9	0.319	2.75	2.7
M899948		245	190.5	<0.002	0.04	15.40	11.5	1	1.7	47.8	0.67	<0.05	11.1	0.295	2.64	2.5
M899949		61.4	163.5	<0.002	0.02	13.20	13.4	2	1.9	108.5	0.70	0.06	13.5	0.316	2.36	2.7
M899950		50.8	153.0	<0.002	0.02	16.15	11.4	2	1.6	108.5	0.62	0.05	11.9	0.310	1.94	2.4
M899951		51.4	156.5	<0.002	0.02	18.30	12.7	1	1.9	135.5	0.66	0.10	13.9	0.326	1.92	2.6
M899952		38.1	154.0	<0.002	0.04	21.6	12.9	1	1.9	120.0	0.68	0.10	14.9	0.314	1.87	2.6
M899953		22.3	144.5	<0.002	0.02	11.35	14.4	1	2.2	113.0	0.65	<0.05	12.6	0.306	1.73	2.2
M899954		99.5	181.0	<0.002	0.05	16.85	14.3	1	2.1	68.1	0.64	<0.05	12.5	0.311	2.37	2.3
M899955		210	115.0	<0.002	0.05	22.4	13.2	1	2.2	142.0	0.69	<0.05	11.3	0.333	1.54	2.4
M899956		2340	113.0	<0.002	0.08	43.1	14.8	1	2.2	90.6	0.69	<0.05	12.1	0.337	1.61	2.1
M899957		211	155.0	<0.002	0.05	28.4	14.2	1	2.1	85.3	0.70	<0.05	12.5	0.335	2.18	2.6
M899958		41.5	162.0	<0.002	0.01	13.75	12.5	1	1.8	102.0	0.73	<0.05	11.6	0.320	2.11	2.0
M899959		81.5	161.0	<0.002	0.06	16.20	14.3	1	2.2	108.0	0.76	<0.05	13.1	0.331	2.07	2.1
M899960		28.6	131.0	<0.002	0.08	6.94	12.9	1	2.0	70.7	0.70	<0.05	13.0	0.309	1.59	2.1
M899961		22.2	148.0	<0.002	0.10	14.55	14.5	1	2.2	89.6	0.74	<0.05	12.6	0.326	1.89	2.2
M899962		156.0	174.0	<0.002	0.11	30.5	12.1	1	1.9	41.5	0.77	<0.05	13.7	0.302	2.52	2.3
M899963		2850	156.0	<0.002	4.91	95.0	8.9	1	8.6	89.2	0.53	0.37	10.3	0.188	2.52	5.1
M899964		64.5	127.0	<0.002	0.13	39.8	15.2	1	2.7	110.5	0.79	0.07	12.7	0.345	1.66	2.1
M899965		18.1	107.0	<0.002	0.02	11.40	13.9	1	2.2	119.0	0.77	<0.05	11.5	0.325	1.46	1.9
M899966		19.4	83.0	<0.002	0.05	18.55	15.0	1	2.5	141.0	0.76	<0.05	11.9	0.342	1.07	1.8
M899967		16.9	100.5	<0.002	0.09	29.6	14.4	1	2.6	113.0	0.72	<0.05	11.5	0.334	1.28	1.9
M899968		16.6	104.0	<0.002	0.03	48.5	14.8	1	2.5	59.6	0.75	<0.05	12.3	0.353	1.29	1.8
M899969		25.1	101.5	<0.002	0.04	26.8	13.1	1	2.0	63.0	0.80	<0.05	9.8	0.288	1.64	1.9
M899970		17.1	106.5	<0.002	<0.01	12.05	14.2	1	2.1	146.5	0.73	<0.05	13.0	0.325	1.33	2.1
M899971		15.4	172.5	<0.002	<0.01	19.10	12.1	1	2.2	56.4	1.00	<0.05	12.5	0.315	2.17	2.1
M899972		26.1	77.8	<0.002	<0.01	5.58	12.3	1	2.4	245	1.34	<0.05	10.3	0.306	1.17	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164241

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899937		107	2.5	15.0	80	11.8
M899938		104	2.6	14.0	121	11.1
M899939		98	2.0	15.0	71	11.0
M899940		97	2.5	16.0	77	11.0
M899941		2	0.1	0.8	14	<0.5
M899942		123	8.5	12.4	90	12.4
M899943		99	2.9	17.5	133	17.3
M899944		101	3.6	20.1	169	15.4
M899945		103	3.1	17.4	123	13.1
M899946		100	2.7	19.2	128	14.3
M899947		104	2.4	16.6	183	12.9
M899948		100	2.7	15.3	200	11.8
M899949		101	3.0	14.5	156	13.5
M899950		98	2.7	16.0	124	12.4
M899951		99	2.8	16.9	131	14.9
M899952		102	3.1	15.5	100	12.6
M899953		106	2.9	13.8	86	14.9
M899954		105	3.1	17.3	136	15.4
M899955		101	3.1	13.7	124	17.7
M899956		105	4.4	12.9	241	14.4
M899957		106	3.6	14.6	296	16.5
M899958		98	3.1	12.8	109	20.9
M899959		104	3.2	17.1	135	17.0
M899960		105	2.5	14.6	78	15.5
M899961		110	2.4	15.1	80	15.5
M899962		94	3.1	15.2	127	17.7
M899963		58	5.7	9.9	5530	26.0
M899964		110	4.8	16.6	138	16.8
M899965		107	3.8	16.9	89	16.4
M899966		113	4.6	15.3	100	15.6
M899967		107	5.6	17.1	86	14.4
M899968		106	12.5	18.6	101	14.3
M899969		96	5.1	15.4	139	13.0
M899970		102	5.8	17.4	95	13.6
M899971		95	5.5	15.4	82	15.1
M899972		96	4.0	15.6	136	14.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-36

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12164241

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164242

Project: Klaza TR-12-36

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

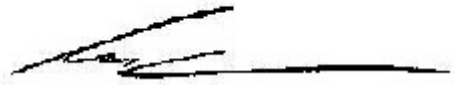
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164242

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899973		4.82	<0.005	0.10	8.00	7.9	1010	1.46	1.68	2.07	0.40	44.0	8.6	13	17.45	13.4
M899974		3.52	<0.005	0.87	8.10	5.8	1290	1.43	28.7	1.42	0.39	41.9	7.9	12	16.10	13.9
M899975		4.18	<0.005	0.26	6.53	5.6	1350	1.43	1.46	2.41	0.29	25.8	8.5	10	14.90	12.7
M899976		3.41	<0.005	1.37	7.83	24.2	950	1.50	2.45	1.27	1.01	39.6	13.2	17	18.55	49.6
M899977		3.76	<0.005	0.33	7.93	10.1	980	1.40	2.76	1.67	0.22	41.1	9.7	13	16.65	45.5
M899978		4.09	0.005	1.74	7.58	55.4	960	1.58	1.59	1.51	0.68	29.8	11.8	12	17.45	160.5
M899979		4.80	0.062	77.9	8.75	223	1080	1.43	0.46	0.47	6.15	48.3	14.8	12	27.1	86.2
M899980		5.22	0.005	1.04	8.37	33.9	870	1.57	0.99	0.72	1.32	42.7	9.4	11	18.25	112.0
M899981		3.74	<0.005	0.41	9.46	10.1	720	1.31	0.57	1.43	0.42	29.1	13.8	6	13.95	44.6
M899982		3.64	<0.005	0.19	9.55	7.8	950	1.16	0.57	2.02	0.32	31.1	14.2	6	10.45	21.0
M899983		6.43	<0.005	0.14	9.94	7.9	910	1.13	0.50	2.00	0.33	30.2	16.8	8	12.65	21.3
M899984		5.84	<0.005	0.20	9.22	7.0	890	1.12	0.44	2.28	0.28	26.2	16.3	8	10.15	28.1
M899985		2.27	<0.005	0.21	9.16	12.2	880	1.21	0.54	1.95	0.34	30.5	13.1	13	11.05	21.7
M899986		4.72	<0.005	0.20	9.27	7.9	820	1.13	0.58	2.93	0.28	28.2	14.0	10	8.38	26.3
M899987		3.45	<0.005	0.13	9.63	3.5	810	1.08	0.26	2.00	0.32	28.2	15.4	5	12.25	27.7
M899988		4.10	0.006	0.42	9.08	13.6	780	1.33	0.72	0.84	0.36	28.8	16.6	8	24.6	30.8
M899989		6.80	<0.005	0.18	9.26	2.9	670	0.99	0.30	1.97	0.20	23.9	15.9	4	11.95	30.6
M899990		4.12	<0.005	0.17	9.17	3.0	670	1.22	0.40	1.82	0.17	27.9	14.2	17	10.50	17.7
M899991		6.42	<0.005	0.45	9.54	8.9	960	1.43	0.59	0.93	0.72	31.4	17.4	49	13.35	39.3
M899992		5.23	0.005	0.55	9.15	11.5	1060	1.82	0.64	0.80	0.87	24.0	20.4	175	37.1	50.7
M899993		5.62	<0.005	0.18	8.55	5.6	970	1.37	0.19	0.81	0.43	46.1	8.2	7	16.90	32.0
M899994		4.49	<0.005	0.07	8.21	5.2	750	1.45	0.16	0.80	0.28	45.6	8.2	9	12.90	15.6
M899995		6.49	<0.005	0.08	8.27	2.7	920	1.38	0.10	1.29	0.22	43.4	9.3	8	13.20	19.5
M899996		4.92	<0.005	0.07	8.33	2.3	980	1.31	0.12	1.48	0.20	35.1	9.8	7	13.20	21.4
M899997		6.52	<0.005	0.19	8.68	3.2	1130	1.46	0.41	1.48	0.23	36.7	10.0	31	6.91	56.1
M899998		4.92	<0.005	0.08	9.29	4.8	1190	1.43	0.15	2.39	0.29	25.6	12.1	36	9.09	32.7
M899999		6.52	<0.005	0.24	8.71	8.4	1060	1.42	0.26	0.84	0.65	39.9	8.8	<1	15.30	46.5
M897901		5.12	<0.005	0.22	9.38	4.9	1160	1.53	0.26	2.48	0.72	24.5	12.3	<1	5.42	50.3
M897902		0.26	1.490	34.4	7.89	545	1250	2.01	1.08	0.30	31.4	76.6	5.9	17	3.19	138.5
M897903		3.47	<0.005	1.01	6.77	4.0	1570	1.66	5.83	0.53	0.48	48.5	2.4	5	4.19	22.8
M897904		3.07	<0.005	0.64	7.48	3.8	1460	1.81	1.98	0.70	0.79	52.0	4.1	2	5.12	26.9
M897905		4.35	0.006	0.48	7.37	13.4	970	1.65	0.43	0.25	3.83	54.1	6.0	4	13.30	52.6
M897906		3.18	<0.005	0.02	0.09	<5	20	0.05	0.04	22.2	0.07	1.25	0.6	<1	0.15	1.7
M897907		5.70	<0.005	0.18	9.32	5.4	1200	1.58	0.22	1.33	1.59	20.4	15.0	71	18.75	68.7
M897908		5.52	<0.005	0.17	9.42	6.5	840	1.65	0.18	1.05	1.20	33.9	17.2	62	28.3	57.7
M897909		4.58	0.017	0.54	8.64	29.3	890	1.75	0.13	0.46	1.26	46.0	9.4	10	24.4	62.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899973		3.62	17.45	0.09	0.6	0.073	2.26	22.4	21.9	0.40	1400	1.01	1.38	8.8	5.6	590
M899974		3.31	17.90	0.10	0.5	0.064	2.14	18.5	22.3	0.26	1190	0.62	0.61	7.7	4.9	610
M899975		3.27	16.75	0.08	0.5	0.058	1.98	10.7	21.0	0.21	1460	0.79	0.56	7.0	5.2	510
M899976		4.04	17.05	0.12	0.6	0.077	3.01	17.2	37.5	0.30	2360	2.45	0.22	6.9	8.3	620
M899977		3.53	17.70	0.12	0.6	0.068	2.63	18.1	43.4	0.25	1460	0.89	0.96	7.3	5.4	560
M899978		3.66	17.05	0.10	0.6	0.115	2.88	12.6	124.0	0.25	2110	2.74	0.10	7.1	5.4	540
M899979		4.18	17.95	0.13	0.6	0.105	3.71	23.5	9.0	0.28	4850	3.56	0.12	7.7	5.5	610
M899980		3.87	17.40	0.13	0.6	0.176	2.87	20.8	43.2	0.27	1970	5.16	0.13	7.2	5.1	600
M899981		4.69	20.0	0.12	1.6	0.056	1.75	12.5	28.8	1.14	1260	1.61	1.36	6.1	5.1	820
M899982		4.77	19.70	0.10	1.6	0.079	1.44	12.3	31.4	1.19	1250	1.35	1.42	5.8	5.4	770
M899983		5.39	20.5	0.09	1.2	0.068	1.36	12.5	50.4	1.83	1550	1.47	1.16	5.2	6.1	790
M899984		5.21	19.50	0.09	1.2	0.068	1.24	11.1	45.8	1.79	1570	1.07	1.29	4.9	5.5	730
M899985		4.41	19.00	0.09	1.6	0.068	1.52	12.9	40.3	1.15	1060	1.98	1.26	6.2	6.4	720
M899986		4.83	19.05	0.08	1.6	0.070	1.03	11.8	38.2	1.51	1240	1.19	1.70	5.4	6.1	750
M899987		5.13	19.85	0.08	1.4	0.058	1.35	11.0	32.2	1.90	1860	1.54	1.18	5.0	5.0	750
M899988		5.00	21.2	0.11	1.1	0.091	2.34	12.0	23.6	1.75	1400	1.85	0.84	4.9	5.2	780
M899989		4.93	18.45	0.09	1.2	0.054	1.21	8.7	29.5	2.18	1740	0.85	1.20	4.5	4.5	740
M899990		4.66	19.55	0.10	1.6	0.074	1.38	10.1	23.3	1.64	1470	0.76	1.64	5.5	8.8	840
M899991		4.62	20.2	0.10	1.4	0.065	1.55	12.3	23.1	0.89	1700	2.08	0.67	7.0	20.7	1130
M899992		4.88	19.00	0.10	0.9	0.067	2.01	9.2	22.2	1.09	1530	2.07	0.60	7.4	45.3	1140
M899993		2.75	16.95	0.12	0.8	0.024	2.40	22.7	15.2	0.75	954	1.15	1.33	8.5	6.2	570
M899994		2.96	17.05	0.11	0.7	0.030	2.51	24.1	11.6	0.84	1070	1.55	1.40	7.7	4.6	590
M899995		3.09	17.20	0.10	0.8	0.024	2.12	19.3	17.0	1.21	818	0.84	1.87	8.2	4.9	600
M899996		3.09	16.90	0.09	0.8	0.022	2.14	15.2	18.3	1.38	761	0.80	1.97	7.5	5.2	650
M899997		3.69	18.20	0.14	0.7	0.039	2.15	17.7	19.0	1.58	1020	1.09	2.51	6.6	9.6	830
M899998		4.50	20.4	0.13	0.5	0.060	1.71	11.1	19.9	1.34	1180	1.26	2.59	5.1	12.8	1140
M899999		2.87	18.35	0.11	0.8	0.042	2.43	17.3	19.0	0.50	1300	2.14	1.32	6.7	2.5	990
M897901		4.61	20.6	0.10	0.4	0.071	1.68	10.7	17.8	1.05	1180	1.17	2.71	5.0	2.4	1150
M897902		5.76	24.0	0.21	2.5	0.223	3.56	36.7	23.5	0.29	1060	5.89	0.07	11.8	7.1	1790
M897903		1.35	13.30	0.14	1.4	0.229	3.40	23.5	7.3	0.30	438	0.85	1.86	7.4	1.7	310
M897904		1.77	15.55	0.13	1.2	0.127	3.03	23.0	10.7	0.38	846	1.15	2.14	8.6	2.1	450
M897905		2.29	16.10	0.13	1.2	0.032	3.08	31.8	9.1	0.33	2640	5.26	0.48	7.6	3.2	390
M897906		0.50	0.21	0.07	<0.1	0.009	0.03	0.6	1.1	13.50	227	0.15	0.01	0.2	1.7	180
M897907		4.22	20.5	0.10	0.6	0.046	1.81	8.9	17.1	0.85	1700	2.06	2.30	5.7	18.6	940
M897908		4.44	20.6	0.14	0.6	0.058	1.65	13.6	21.2	0.93	1570	2.22	1.53	5.5	19.8	1080
M897909		2.90	17.55	0.14	0.9	0.047	2.64	22.6	15.7	0.50	1290	3.09	0.56	7.7	6.4	730

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899973		27.4	119.5	<0.002	<0.01	13.05	12.9	1	2.3	209	0.88	<0.05	9.6	0.313	1.65	1.9
M899974		23.0	106.0	0.002	0.01	12.90	12.5	1	2.3	127.5	0.57	0.46	9.4	0.326	1.49	1.3
M899975		26.7	75.3	<0.002	0.01	9.68	10.2	1	2.2	152.5	0.55	0.05	6.3	0.299	1.32	1.1
M899976		20.1	172.0	<0.002	0.09	33.3	14.3	1	2.4	41.9	0.49	<0.05	9.7	0.320	2.64	1.8
M899977		15.9	139.5	<0.002	0.03	26.9	12.7	1	2.2	105.5	0.59	0.05	10.6	0.308	2.17	1.8
M899978		24.2	157.0	<0.002	0.13	70.0	11.9	1	2.4	62.6	0.54	0.07	8.4	0.297	2.51	1.8
M899979		2460	194.0	<0.002	0.19	150.0	13.6	1	2.2	44.3	0.60	0.05	12.3	0.323	2.57	2.7
M899980		36.0	162.0	<0.002	0.07	36.3	12.6	1	2.2	46.1	0.55	<0.05	11.4	0.307	2.12	1.9
M899981		40.8	73.9	<0.002	<0.01	3.88	14.8	1	1.2	231	0.40	0.15	5.8	0.373	1.16	1.9
M899982		46.7	50.1	<0.002	0.01	4.04	15.4	<1	1.1	302	0.37	0.10	5.5	0.381	0.95	1.6
M899983		36.3	49.5	<0.002	0.01	2.68	17.7	1	1.1	336	0.34	0.19	5.0	0.415	0.82	1.5
M899984		40.4	36.8	<0.002	<0.01	2.15	15.8	1	1.1	349	0.33	0.16	4.2	0.404	0.82	1.3
M899985		43.2	55.9	<0.002	0.01	5.67	14.6	1	1.3	320	0.41	0.13	6.9	0.370	1.11	1.7
M899986		50.3	27.4	<0.002	0.01	2.52	15.3	1	1.2	450	0.37	0.10	4.5	0.404	0.66	1.3
M899987		40.0	46.9	<0.002	<0.01	1.23	17.3	1	1.2	336	0.32	0.05	4.3	0.409	0.91	1.2
M899988		33.4	115.5	<0.002	<0.01	3.42	16.3	2	1.2	161.5	0.31	0.22	4.6	0.357	1.72	1.4
M899989		44.9	26.8	<0.002	<0.01	0.89	15.4	1	1.0	317	0.30	0.12	3.7	0.407	0.85	1.1
M899990		28.1	52.7	<0.002	<0.01	1.29	14.7	1	1.2	324	0.34	0.10	4.3	0.370	1.04	1.3
M899991		117.5	60.6	<0.002	0.01	11.55	14.4	1	1.3	182.5	0.45	0.40	5.1	0.415	1.01	1.9
M899992		91.2	82.9	<0.002	0.01	21.1	19.1	1	1.3	192.0	0.48	0.16	4.6	0.403	1.41	1.7
M899993		22.8	122.0	<0.002	<0.01	7.87	11.4	<1	1.4	206	0.71	<0.05	14.9	0.294	1.31	1.2
M899994		14.3	131.5	<0.002	<0.01	4.17	11.1	<1	1.7	190.5	0.62	<0.05	13.3	0.284	1.45	1.2
M899995		14.6	110.0	<0.002	<0.01	2.81	12.2	1	1.4	293	0.62	<0.05	11.5	0.298	1.06	1.1
M899996		15.6	90.6	<0.002	<0.01	1.83	12.1	<1	1.4	329	0.58	<0.05	10.2	0.310	1.07	1.1
M899997		19.0	99.1	<0.002	<0.01	1.61	13.1	1	1.5	410	0.46	0.08	8.7	0.318	1.05	1.1
M899998		19.0	67.6	<0.002	<0.01	2.57	11.8	1	1.4	528	0.29	<0.05	3.8	0.306	0.97	0.9
M899999		60.7	108.0	<0.002	<0.01	28.8	8.4	1	1.0	215	0.55	0.10	11.8	0.247	1.19	1.6
M897901		55.1	62.9	<0.002	<0.01	1.42	9.7	1	1.2	575	0.31	0.07	4.5	0.284	0.69	1.2
M897902		3960	170.0	0.003	0.60	78.3	15.2	4	22.2	392	0.71	0.33	7.4	0.456	2.08	3.4
M897903		168.0	124.0	<0.002	<0.01	1.14	3.8	1	0.8	217	0.77	0.23	20.6	0.129	1.17	2.6
M897904		220	117.5	<0.002	<0.01	1.71	5.0	1	1.1	249	0.64	0.29	20.2	0.161	1.18	2.5
M897905		362	155.0	<0.002	<0.01	4.94	5.5	1	1.4	86.8	0.60	0.07	20.5	0.145	1.89	2.1
M897906		2.5	1.3	<0.002	0.01	0.06	0.3	<1	<0.2	42.7	<0.05	<0.05	0.2	<0.005	0.02	0.6
M897907		27.4	74.2	<0.002	0.01	4.67	14.9	1	1.2	434	0.34	0.09	4.5	0.332	1.01	1.2
M897908		27.6	98.7	<0.002	0.01	8.02	18.7	1	1.4	292	0.37	0.06	5.5	0.374	1.03	1.7
M897909		130.5	151.5	<0.002	<0.01	14.95	11.6	1	1.4	150.5	0.60	<0.05	11.7	0.284	1.68	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899973		103	4.6	15.7	132	10.7
M899974		104	14.0	13.1	120	8.7
M899975		103	4.2	10.4	116	8.7
M899976		110	6.4	13.7	160	10.5
M899977		96	4.8	11.3	127	9.6
M899978		102	4.3	10.1	131	9.5
M899979		107	7.1	15.6	492	10.8
M899980		101	6.3	13.9	146	9.7
M899981		128	2.6	17.0	123	51.3
M899982		130	2.6	15.0	123	50.5
M899983		154	1.5	15.8	147	39.9
M899984		150	1.5	13.8	154	36.8
M899985		127	2.3	14.5	125	48.4
M899986		149	1.7	14.1	157	66.8
M899987		158	2.0	13.2	134	43.2
M899988		140	3.2	14.7	159	37.4
M899989		151	1.8	12.7	135	38.2
M899990		128	1.6	13.4	113	52.0
M899991		142	3.1	14.3	288	49.4
M899992		147	4.7	12.1	240	26.5
M899993		84	3.0	11.5	70	15.0
M899994		91	1.7	11.7	68	13.0
M899995		91	1.4	12.1	63	14.3
M899996		96	2.0	11.8	69	16.6
M899997		109	4.6	14.7	87	15.6
M899998		98	3.6	16.4	99	9.5
M899999		82	8.3	14.5	128	16.0
M897901		105	3.0	15.2	233	6.8
M897902		150	3.8	19.7	2570	65.7
M897903		28	1.6	9.7	124	29.8
M897904		37	2.3	11.8	132	27.0
M897905		49	2.5	16.4	159	26.7
M897906		2	0.1	0.8	14	<0.5
M897907		131	3.2	13.0	155	11.1
M897908		153	3.7	14.1	173	16.8
M897909		90	4.2	14.8	249	24.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-36

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12164242

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164243

Project: Klaza -75

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

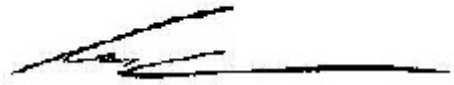
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza -75

CERTIFICATE OF ANALYSIS WH12164243

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828999		2.71	<0.005	0.21	7.15	23.5	2160	1.53	4.05	2.16	0.41	50.5	7.2	9	17.75	37.0
N829000		3.42	<0.005	0.20	7.23	13.0	2080	1.62	1.37	2.34	0.12	44.2	8.5	12	10.45	31.8
N828762		0.27	0.766	9.08	6.88	1580	980	1.47	6.33	1.94	42.7	45.3	16.4	19	17.25	108.0
N828763		2.14	0.006	0.23	7.48	22.7	2200	1.68	0.65	1.78	0.18	52.5	7.6	10	10.45	31.6
N828764		3.40	<0.005	0.14	7.73	10.2	2230	1.66	0.86	2.31	0.11	53.9	6.5	11	11.50	12.1
N828765		1.61	<0.005	0.15	7.60	43.1	2240	1.61	2.26	2.46	0.09	54.6	59.3	11	10.25	18.0
M895519		3.64	0.009	0.18	7.63	13.1	2240	1.51	0.74	1.90	0.16	53.7	5.7	10	8.59	12.7
M895520		1.75	0.063	0.63	7.71	39.1	2470	1.57	1.61	1.63	0.55	52.7	11.2	10	10.95	10.8
M895521		5.23	0.005	0.16	7.48	12.6	2310	1.65	0.50	2.38	0.25	53.8	8.9	12	10.05	17.9
M895522		2.03	0.008	0.51	7.43	23.7	3130	1.44	0.96	1.71	0.13	54.3	9.7	9	14.60	44.6
M895523		2.67	0.076	1.22	7.31	58.4	1960	1.31	1.47	1.97	3.38	49.9	7.3	8	22.6	22.0
M895524		1.68	0.059	1.30	7.31	67.6	1590	1.57	2.09	1.82	2.61	50.0	6.7	8	19.60	18.0
M895525		2.03	0.009	0.18	7.10	24.3	2330	1.56	0.53	3.09	0.28	51.1	6.8	10	15.55	10.7
M895526		3.44	<0.005	0.12	7.14	9.9	2220	1.39	0.31	2.68	0.16	52.1	7.1	11	10.20	7.4
M895527		3.75	0.196	1.27	6.96	108.5	1820	1.42	0.42	2.55	7.52	48.6	6.4	9	19.20	12.4
M895528		1.27	0.016	0.43	6.55	37.0	2090	1.59	0.55	3.52	0.33	48.8	7.4	8	26.4	11.0
M895529		4.13	<0.005	0.01	0.10	<5	20	<0.05	0.03	20.8	0.06	1.17	0.7	1	0.26	2.0
M895530		1.62	<0.005	0.39	6.94	55.7	1310	1.60	0.22	2.34	0.17	48.1	6.4	10	25.3	9.4
M895531		1.88	<0.005	0.69	7.17	81.3	3980	1.75	0.12	2.26	0.22	64.1	4.9	13	18.15	9.1
M895532		3.86	<0.005	0.34	6.79	54.6	1630	1.91	0.13	2.50	0.15	55.8	5.0	13	19.80	22.5
M895533		3.58	<0.005	0.44	6.35	42.3	2320	1.85	0.13	3.18	0.16	50.7	5.3	12	17.50	13.2
M895534		1.97	<0.005	0.75	6.37	65.7	2270	1.87	0.13	3.27	0.16	51.0	6.1	11	17.00	27.6
M895535		5.88	0.013	0.37	6.89	54.2	1860	1.79	0.32	3.26	1.81	62.4	8.6	12	18.75	40.1
M895536		5.79	<0.005	0.09	7.31	18.1	2120	2.05	0.22	3.16	0.26	67.3	6.0	12	18.45	31.1
M895537		<0.02	0.078	0.07	6.91	19.0	2230	1.92	0.20	3.12	0.24	58.2	5.5	12	16.70	27.8
M895538		4.61	<0.005	0.10	7.36	11.4	1710	1.96	0.27	1.93	0.19	71.0	5.4	13	22.7	20.2
M895539		2.19	0.121	0.37	6.47	42.8	1710	1.56	0.38	4.93	0.28	54.2	4.4	9	16.90	10.6
M895540		2.04	0.051	0.26	6.09	36.1	2150	1.57	0.33	3.90	0.26	47.6	5.1	10	15.25	9.3
M895541		2.91	0.022	0.42	6.64	23.4	2090	1.64	0.78	2.99	0.41	36.4	6.2	11	16.40	5.5
M895542		3.17	0.011	0.68	7.14	20.0	2160	1.76	2.84	2.39	1.05	43.5	3.0	11	14.80	29.7
M895543		2.00	0.011	0.73	7.16	39.8	2080	1.65	2.54	2.62	0.62	41.4	6.3	14	14.95	98.7
M895544		3.86	<0.005	0.01	0.06	<5	30	0.06	0.03	20.8	0.07	0.95	0.6	1	0.15	1.7
M895545		2.68	0.009	0.70	7.21	34.6	1920	1.45	2.10	2.35	0.74	44.0	12.7	10	11.40	30.0
M895546		5.37	<0.005	0.17	7.73	9.7	2250	1.67	0.28	2.64	0.44	47.6	6.0	13	12.95	6.1
M895547		0.27	0.819	10.35	6.79	1535	980	1.50	6.15	1.90	42.4	43.7	16.1	20	15.15	106.0
M895548		4.20	<0.005	0.20	7.67	9.2	2100	1.54	0.52	2.60	0.17	48.9	5.7	13	10.40	15.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza -75

CERTIFICATE OF ANALYSIS WH12164243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828999		2.83	15.85	0.13	1.1	0.052	2.85	26.7	29.1	0.69	843	0.90	1.40	7.8	2.7	540
N829000		2.82	15.90	0.13	1.2	0.044	2.81	22.8	14.9	0.76	565	5.87	2.22	8.0	2.2	540
N828762		5.45	15.05	0.19	1.4	1.015	2.83	23.7	24.4	0.71	2000	12.15	0.27	7.6	15.3	500
N828763		3.36	15.90	0.16	1.3	0.119	3.07	28.8	17.8	0.69	1180	1.02	1.65	8.7	3.3	550
N828764		2.97	17.60	0.18	1.4	0.050	2.89	31.1	15.6	0.75	543	3.71	2.18	8.9	2.8	560
N828765		3.97	17.05	0.20	1.4	0.070	2.78	31.3	16.3	0.82	582	0.83	2.26	8.8	3.5	570
M895519		3.02	17.55	0.18	1.2	0.086	2.99	30.9	13.7	0.68	659	2.39	1.77	8.4	2.8	600
M895520		3.42	17.20	0.18	1.1	0.172	3.61	30.9	10.7	0.53	1010	8.32	1.18	8.5	3.1	580
M895521		3.20	18.35	0.17	1.1	0.085	2.61	29.8	13.2	0.63	616	2.51	2.01	9.2	3.7	630
M895522		2.99	15.75	0.18	1.4	0.121	2.90	31.7	18.8	0.41	570	2.12	0.95	8.1	2.8	560
M895523		3.34	17.00	0.17	1.1	0.151	2.76	27.5	22.9	0.56	1080	5.91	0.16	8.1	2.9	590
M895524		3.51	16.40	0.18	1.1	0.142	3.01	28.5	17.5	0.49	798	3.24	0.84	7.8	2.6	560
M895525		3.12	16.60	0.17	1.2	0.076	2.60	26.4	16.6	0.48	624	2.39	1.54	8.3	2.8	590
M895526		3.00	17.85	0.20	1.1	0.075	2.44	27.1	14.2	0.71	627	3.61	2.09	8.6	3.3	610
M895527		3.12	16.05	0.15	1.2	0.097	2.63	25.5	27.2	0.73	1720	3.55	0.17	7.9	2.7	570
M895528		2.87	15.40	0.15	1.1	0.066	2.60	25.9	24.7	1.09	943	6.45	0.09	7.8	2.9	550
M895529		0.47	0.23	<0.05	<0.1	0.008	0.04	0.6	1.3	12.25	210	0.19	0.01	0.1	2.1	170
M895530		2.37	15.20	0.10	1.8	0.049	2.31	24.8	83.0	0.81	618	1.67	0.10	8.5	3.3	700
M895531		2.28	17.70	0.13	3.1	0.031	2.34	33.2	123.5	0.78	659	1.54	0.15	10.3	5.3	980
M895532		2.24	17.40	0.12	3.1	0.026	2.37	28.0	134.5	0.69	580	1.46	0.13	10.8	5.0	990
M895533		2.32	17.45	0.12	2.6	0.027	2.45	24.3	103.0	0.86	657	2.20	0.12	10.8	4.6	970
M895534		2.34	17.15	0.11	2.6	0.026	2.51	25.3	83.2	0.90	696	2.43	0.11	10.6	4.8	970
M895535		2.54	16.95	0.12	2.3	0.093	2.61	33.0	59.9	0.87	618	1.63	0.15	10.0	4.1	950
M895536		2.48	18.75	0.13	2.6	0.045	2.86	34.5	36.5	0.95	564	1.24	0.10	11.4	4.7	990
M895537		2.44	17.10	0.11	2.6	0.034	2.85	28.6	34.3	0.91	562	1.06	0.10	10.7	4.3	980
M895538		2.34	17.90	0.15	3.1	0.031	2.78	36.9	29.4	0.80	497	1.42	0.10	11.0	4.6	1020
M895539		3.04	13.65	0.09	1.7	0.049	2.29	29.5	46.6	1.69	2190	1.14	0.10	7.5	3.4	710
M895540		2.79	15.05	0.11	2.2	0.048	2.45	23.0	49.5	1.30	1590	0.97	0.13	8.7	4.0	810
M895541		3.03	15.60	0.10	0.9	0.062	2.71	16.0	34.3	0.86	824	1.93	1.06	7.3	3.0	580
M895542		3.16	15.65	0.10	1.0	0.103	2.73	20.6	30.9	0.75	811	5.20	1.33	7.4	2.9	580
M895543		3.36	17.35	0.11	1.0	0.141	2.65	19.4	30.7	0.93	884	1.78	0.57	8.4	2.8	630
M895544		0.46	0.15	0.05	<0.1	<0.005	0.03	0.5	0.9	12.30	207	0.10	<0.01	0.1	1.8	160
M895545		3.11	15.70	0.10	1.1	0.168	2.56	23.1	14.7	0.77	827	1.23	1.80	6.8	3.2	580
M895546		3.25	16.40	0.11	1.1	0.050	2.66	23.5	18.2	0.76	639	4.40	2.17	8.2	3.1	610
M895547		5.35	14.50	0.12	1.3	0.840	2.80	22.5	23.9	0.70	1970	12.10	0.26	7.0	15.2	480
M895548		3.00	16.10	0.11	1.1	0.067	2.63	26.1	22.3	0.74	599	0.80	1.92	7.4	3.0	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza -75

CERTIFICATE OF ANALYSIS WH12164243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N828999		35.7	129.0	<0.002	0.13	13.00	10.4	1	2.2	270	0.62	<0.05	14.3	0.238	1.66	4.2
N829000		18.8	119.0	<0.002	0.12	5.04	10.5	1	2.3	366	0.65	0.06	13.7	0.240	1.40	4.7
N828762		1365	162.5	0.002	3.20	34.9	9.1	1	6.2	155.0	0.67	0.34	13.3	0.209	2.57	6.0
N828763		12.5	165.5	<0.002	0.27	15.35	11.3	1	2.6	190.5	0.76	0.06	15.4	0.242	1.88	6.1
N828764		17.8	134.5	<0.002	0.06	3.18	11.3	1	2.6	399	0.78	0.05	16.6	0.251	1.48	5.6
N828765		15.4	138.5	<0.002	1.26	2.11	11.9	2	2.9	403	0.74	0.22	16.6	0.248	1.37	5.6
M895519		17.9	142.5	<0.002	0.04	2.43	11.3	1	1.9	301	0.74	0.07	16.7	0.256	1.49	2.9
M895520		43.8	187.5	<0.002	0.73	3.17	11.3	1	3.1	238	0.76	0.29	16.3	0.244	1.94	3.9
M895521		17.8	114.0	<0.002	0.21	2.05	12.4	1	2.6	374	0.75	0.08	15.4	0.266	1.23	3.3
M895522		16.4	152.0	<0.002	0.45	7.17	10.6	1	2.4	199.5	0.79	0.10	17.7	0.229	1.87	3.4
M895523		115.0	150.5	<0.002	0.72	9.68	11.6	1	3.1	111.0	0.66	0.26	13.5	0.247	2.21	3.5
M895524		145.5	158.5	<0.002	1.03	5.54	11.0	1	2.3	198.5	0.65	0.42	13.9	0.240	2.16	3.6
M895525		18.7	115.0	<0.002	0.35	3.26	12.0	1	1.6	305	0.70	0.08	14.2	0.258	1.40	3.1
M895526		19.1	107.5	<0.002	0.21	2.09	12.3	1	1.6	385	0.64	0.06	13.3	0.262	1.20	2.9
M895527		271	120.0	<0.002	0.88	16.10	10.5	1	2.4	137.5	0.68	0.07	14.0	0.246	2.10	4.4
M895528		32.2	108.0	<0.002	0.30	13.45	10.4	1	2.2	229	0.69	0.10	13.5	0.235	1.84	6.0
M895529		1.3	1.9	<0.002	0.01	0.08	0.2	<1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M895530		19.9	77.9	<0.002	0.26	8.40	7.4	<1	1.8	198.5	0.67	0.05	10.5	0.244	1.71	6.8
M895531		23.6	84.0	<0.002	0.32	5.32	6.0	<1	1.7	225	0.65	<0.05	9.6	0.269	1.49	4.5
M895532		20.0	70.3	<0.002	0.17	4.78	5.3	<1	3.4	290	0.68	<0.05	8.1	0.271	1.52	3.8
M895533		28.7	58.7	<0.002	0.18	4.65	4.9	<1	1.9	390	0.67	<0.05	7.1	0.267	1.48	3.4
M895534		27.4	59.4	<0.002	0.21	4.92	4.9	<1	3.3	406	0.68	<0.05	7.2	0.265	1.65	3.8
M895535		20.6	83.5	<0.002	0.35	3.84	5.6	<1	5.9	461	0.64	0.06	8.9	0.257	1.48	3.4
M895536		13.8	98.8	<0.002	0.08	4.08	5.6	<1	5.7	449	0.70	<0.05	9.4	0.272	1.80	3.7
M895537		13.8	80.6	<0.002	0.08	3.72	5.2	<1	5.2	441	0.67	<0.05	8.6	0.270	1.84	3.5
M895538		17.1	97.6	0.002	0.09	5.11	5.6	<1	3.8	293	0.70	<0.05	10.2	0.277	1.80	4.1
M895539		17.8	92.2	<0.002	0.68	7.34	7.2	<1	2.0	303	0.50	0.07	10.3	0.223	1.65	4.8
M895540		17.4	63.9	<0.002	0.51	5.42	6.3	<1	2.2	280	0.56	0.09	7.5	0.241	1.82	3.8
M895541		26.7	98.3	0.002	0.40	4.15	9.4	<1	2.0	369	0.51	0.25	8.6	0.248	1.73	2.6
M895542		43.3	111.0	<0.002	0.31	5.47	10.5	<1	2.0	358	0.56	1.27	11.1	0.246	1.61	3.1
M895543		24.6	111.5	0.002	0.57	18.20	12.0	<1	3.5	234	0.61	0.28	9.1	0.277	1.74	2.6
M895544		1.1	1.0	<0.002	0.01	0.05	0.2	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M895545		28.8	127.0	<0.002	0.87	4.40	10.3	<1	2.2	269	0.53	0.47	12.2	0.223	1.60	3.6
M895546		27.4	101.0	<0.002	0.11	2.25	11.6	<1	2.0	438	0.67	0.08	12.5	0.269	1.12	3.8
M895547		1340	161.0	0.003	3.15	33.9	8.8	<1	6.0	159.0	0.57	0.28	11.2	0.209	2.34	4.6
M895548		20.0	98.8	<0.002	0.13	2.02	10.2	<1	1.8	413	0.59	0.05	10.7	0.257	1.09	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza -75

CERTIFICATE OF ANALYSIS WH12164243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N828999		64	2.1	16.4	79	29.3
N829000		66	1.6	17.3	43	30.4
N828762		58	5.5	11.2	3030	39.1
N828763		64	2.7	16.5	71	33.8
N828764		66	1.6	18.6	45	36.0
N828765		68	1.2	19.9	43	37.1
M895519		69	2.6	16.9	58	28.1
M895520		67	4.3	16.7	83	27.0
M895521		73	10.5	18.4	60	27.2
M895522		63	3.3	15.7	49	35.9
M895523		70	7.4	15.8	249	31.2
M895524		66	4.9	14.1	279	31.3
M895525		71	3.3	17.4	70	31.7
M895526		72	1.2	17.4	57	31.3
M895527		66	4.0	14.4	541	32.4
M895528		64	4.0	15.7	77	27.8
M895529		1	0.1	0.7	14	<0.5
M895530		55	2.9	11.6	60	56.0
M895531		45	3.7	12.5	62	116.0
M895532		44	1.7	10.9	63	108.5
M895533		45	1.8	10.2	67	85.8
M895534		44	4.6	10.1	67	85.9
M895535		44	1.3	11.4	174	80.8
M895536		45	1.5	12.3	80	91.3
M895537		45	1.6	11.0	78	86.2
M895538		46	2.2	12.1	72	102.5
M895539		49	2.4	13.5	72	62.3
M895540		50	2.5	10.9	74	78.3
M895541		68	2.8	12.1	79	21.7
M895542		68	2.1	13.3	136	22.8
M895543		76	3.2	14.2	108	23.1
M895544		<1	0.1	0.6	15	<0.5
M895545		73	3.0	13.8	94	24.9
M895546		76	2.8	16.0	65	24.2
M895547		57	5.4	10.7	3010	39.5
M895548		70	2.0	14.6	53	23.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza -75

CERTIFICATE OF ANALYSIS WH12164243

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164244

Project: Klaza - 82

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

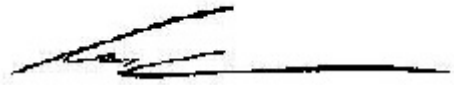
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164244

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897354		5.49	0.027	0.21	8.00	15.6	2120	1.47	0.95	2.80	0.41	56.8	8.3	15	5.73	18.2
M897355		4.06	0.033	0.32	8.09	21.2	2200	1.59	1.15	2.00	2.15	56.5	8.5	22	10.15	39.3
M897356		4.09	0.062	0.63	7.39	36.9	990	1.52	1.33	1.67	3.90	364	6.2	10	12.00	20.6
M897357		11.65	<0.005	0.14	8.23	9.9	2190	1.60	0.34	2.70	0.51	58.8	8.2	13	8.47	11.0
M897358		11.75	<0.005	0.16	7.80	15.2	2200	1.52	0.51	2.44	0.41	54.1	7.4	12	7.05	9.8
M897359		<0.02	<0.005	0.12	7.97	15.5	2220	1.48	0.50	2.46	0.40	52.9	7.3	13	6.93	9.3
M897360		6.72	0.014	0.25	7.66	16.0	1980	1.55	1.16	2.34	1.65	52.4	7.3	10	8.47	12.0
M897361		5.73	0.010	0.17	7.71	11.6	2020	1.58	0.41	2.59	0.84	56.4	8.9	11	10.40	36.8
M897362		4.27	0.007	0.22	7.54	26.3	2230	1.52	0.86	2.52	0.73	55.7	8.5	11	9.15	15.7
M897363		4.38	0.044	0.15	7.74	19.5	2380	1.57	0.78	2.20	0.38	54.2	9.9	14	9.64	10.8
M897364		0.26	2.28	25.7	6.10	3380	1600	1.20	19.05	2.28	76.3	45.3	10.9	20	15.10	446
M897365		9.49	0.005	0.15	7.83	17.3	2220	1.52	0.51	2.35	0.58	54.5	8.0	11	8.82	12.5
M897366		5.15	<0.005	0.13	7.70	12.8	2200	1.54	0.41	2.38	0.49	55.7	7.3	11	8.47	11.5
M897367		8.68	0.044	0.23	8.25	23.3	2430	1.54	0.76	1.79	2.46	61.3	10.0	10	15.00	42.8
M897368		3.72	0.214	0.39	7.27	44.5	2010	1.45	1.33	2.58	2.16	51.8	12.8	9	21.0	28.1
M897369		2.75	<0.005	0.01	0.10	7	30	0.06	0.02	21.4	0.07	1.39	1.4	2	0.29	3.8
M897370		3.85	0.011	0.33	8.89	35.9	2440	1.28	0.64	0.47	4.08	51.5	8.8	9	13.80	72.1
M897371		5.63	0.053	1.54	7.57	79.2	1000	1.76	2.35	0.60	23.4	60.8	7.9	8	19.70	83.6
M897372		4.13	0.014	0.32	7.81	18.3	2360	1.61	0.50	1.99	4.89	57.5	8.9	10	15.50	36.9
M897373		0.26	2.25	25.0	5.97	3480	1710	1.13	19.10	2.25	76.2	44.0	10.7	20	14.80	449
M897374		5.13	<0.005	0.21	8.26	13.8	2420	1.58	0.34	1.67	3.23	57.0	8.8	9	17.95	21.5
M897375		8.47	0.008	0.48	8.09	36.7	2090	1.56	0.69	0.85	8.32	57.6	8.4	9	16.70	54.3
M897376		6.27	0.227	2.55	6.57	190.0	700	1.40	2.82	1.08	13.95	46.4	6.6	7	21.6	50.3
M897377		3.12	<0.005	0.02	0.11	12	40	0.05	0.03	21.6	0.10	1.41	1.5	3	0.45	1.8
M897378		5.11	0.017	0.85	7.42	42.6	1540	1.59	1.31	2.40	5.17	52.2	7.4	8	28.2	27.8
M897379		12.16	0.021	0.46	7.14	27.7	2150	1.51	1.33	2.39	0.94	45.1	7.0	11	20.9	41.8
M897380		3.96	0.499	14.00	7.39	240	520	1.58	135.0	0.99	5.05	54.2	7.3	9	15.85	1280
M897381		4.22	0.117	2.41	7.43	138.5	1450	1.46	5.91	1.82	5.98	53.3	8.0	9	18.30	82.6
M897382		3.78	0.010	0.37	7.46	13.3	2290	1.59	1.16	2.36	1.44	53.3	6.4	12	12.40	21.2
M897383		4.36	0.063	0.64	7.74	31.7	2590	1.62	1.54	2.88	1.12	50.9	7.5	10	16.15	25.7
M897384		4.93	0.070	0.33	7.66	25.6	2750	1.50	1.55	2.59	0.79	74.3	14.7	11	19.60	16.1
M897385		5.64	0.005	0.18	7.35	14.3	2350	1.48	0.55	2.10	0.21	57.9	6.2	10	15.00	9.7
M897386		4.47	0.015	0.28	7.68	38.6	1330	1.26	0.90	1.75	2.90	59.9	9.0	9	23.1	11.3
M897387		11.71	0.011	0.37	7.87	35.2	2110	1.12	1.51	0.54	1.08	58.3	10.2	9	14.20	15.4
M897388		6.42	0.023	0.58	7.84	46.8	1830	1.37	2.88	0.45	1.81	62.3	10.8	8	13.30	31.1
M897389		3.54	0.239	1.42	8.39	114.5	1590	1.33	6.29	0.55	0.74	63.9	10.6	9	14.70	173.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897354		3.23	17.50	0.13	1.4	0.145	2.60	30.1	9.8	0.97	510	1.58	2.59	9.1	6.7	650
M897355		3.13	17.65	0.13	1.5	0.155	2.81	30.9	7.9	0.94	500	1.93	1.84	8.9	17.8	650
M897356		3.76	19.90	0.57	1.2	0.537	2.95	187.5	13.9	0.60	706	1.89	0.35	7.2	2.7	680
M897357		3.27	17.60	0.17	1.4	0.108	2.73	31.9	11.0	0.91	507	1.58	2.41	9.2	3.7	670
M897358		3.15	16.75	0.15	1.4	0.096	2.59	29.0	12.3	0.89	422	2.75	2.45	8.9	3.1	610
M897359		3.19	16.50	0.16	1.4	0.096	2.66	29.1	12.2	0.91	427	2.28	2.47	8.7	3.2	630
M897360		2.96	16.35	0.15	1.3	0.098	2.61	27.8	12.5	0.84	390	1.87	2.17	8.5	2.9	610
M897361		3.06	16.85	0.16	1.4	0.137	2.65	30.5	14.1	0.80	424	1.74	2.21	9.0	3.2	610
M897362		3.09	16.65	0.15	1.4	0.146	2.86	30.3	12.6	0.88	383	2.06	2.14	8.9	2.9	600
M897363		3.25	16.75	0.15	1.3	0.116	2.87	30.0	16.7	0.90	382	1.64	2.00	8.9	3.0	600
M897364		6.90	13.95	0.13	0.9	1.680	2.69	24.9	23.1	0.93	1890	13.80	0.04	6.4	15.1	450
M897365		3.17	17.35	0.14	1.4	0.077	2.76	29.3	13.1	0.89	442	1.50	2.47	9.2	3.1	610
M897366		3.10	16.60	0.16	1.3	0.069	2.70	30.6	12.4	0.89	443	1.72	2.46	8.7	2.8	610
M897367		3.44	18.35	0.15	1.5	0.143	3.01	34.0	19.3	0.58	624	2.73	1.43	9.5	3.1	640
M897368		3.61	16.10	0.14	1.3	0.114	2.78	27.7	21.0	0.88	676	2.66	0.86	8.2	3.2	570
M897369		0.50	0.36	0.12	<0.1	0.005	0.04	0.7	0.9	13.00	223	0.16	0.01	0.3	3.5	190
M897370		3.42	19.70	0.10	1.6	0.254	3.17	27.7	45.2	0.34	743	1.87	0.11	9.7	3.1	700
M897371		3.97	18.80	0.11	1.4	1.180	3.38	34.5	17.4	0.46	832	2.18	0.08	8.2	2.5	420
M897372		3.31	17.50	0.14	1.5	0.155	3.11	31.6	15.7	0.69	760	1.45	1.92	9.1	3.0	610
M897373		6.83	13.80	0.13	0.9	1.690	2.68	24.2	23.2	0.92	1860	13.35	0.04	6.3	14.8	450
M897374		3.38	17.75	0.13	1.6	0.078	2.97	31.2	23.6	0.63	796	1.27	1.40	9.3	3.1	650
M897375		3.75	17.45	0.15	1.6	0.172	2.98	31.5	30.9	0.50	1300	1.68	0.63	9.2	3.1	640
M897376		4.80	15.40	0.12	1.2	0.969	2.47	26.0	38.6	0.51	1460	10.40	0.03	7.2	2.9	470
M897377		0.51	0.39	0.11	<0.1	0.007	0.07	0.7	1.1	13.10	224	0.19	0.01	0.3	3.2	160
M897378		3.56	16.70	0.09	1.2	0.278	2.73	28.1	41.9	0.92	1220	2.83	0.07	8.2	2.5	570
M897379		3.20	16.70	0.11	1.2	0.117	2.82	22.9	13.5	0.70	612	4.35	1.76	8.3	2.8	610
M897380		5.02	16.75	0.13	1.1	0.579	3.39	29.7	11.9	0.64	749	1.74	0.17	7.5	2.6	560
M897381		3.91	16.80	0.11	1.2	0.435	3.24	29.3	25.4	0.61	764	3.36	0.30	8.0	2.7	560
M897382		3.03	16.30	0.13	1.2	0.181	3.00	28.6	13.5	0.74	587	1.98	1.93	8.2	2.6	570
M897383		3.45	16.30	0.14	1.2	0.156	2.98	27.3	13.3	0.69	655	2.45	1.81	8.5	2.7	580
M897384		2.96	16.05	0.13	1.3	0.214	3.02	48.2	15.0	0.80	515	3.99	2.12	8.6	2.7	580
M897385		2.81	16.85	0.13	1.3	0.090	2.95	31.9	18.0	0.61	501	2.14	1.89	8.8	2.5	610
M897386		3.15	17.15	0.11	1.3	0.140	2.31	34.3	54.1	0.61	1080	2.75	0.06	8.6	3.0	610
M897387		3.32	16.90	0.12	1.2	0.160	2.74	31.6	52.0	0.32	924	2.35	0.08	8.9	3.4	620
M897388		2.63	17.90	0.17	1.5	0.164	2.78	34.2	45.3	0.31	636	3.47	0.09	9.4	3.1	600
M897389		4.06	19.10	0.12	1.2	0.300	2.90	37.8	31.3	0.39	811	1.27	0.08	9.2	5.2	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897354		23.7	102.0	<0.002	0.14	1.43	11.8	1	2.5	430	0.68	0.10	14.9	0.279	1.17	4.9
M897355		23.7	126.5	<0.002	0.36	1.94	11.1	2	3.2	271	0.68	0.18	15.6	0.262	1.72	5.1
M897356		91.8	189.5	<0.002	0.98	3.30	11.4	2	6.2	56.3	0.54	0.18	15.5	0.213	2.85	4.7
M897357		17.9	118.0	<0.002	0.13	1.38	12.0	2	2.6	402	0.68	0.05	15.5	0.284	1.37	5.0
M897358		17.2	107.5	<0.002	0.17	1.32	10.9	2	2.3	395	0.65	0.09	14.9	0.257	1.26	4.6
M897359		18.0	107.5	<0.002	0.18	1.32	10.9	2	2.2	402	0.66	0.07	14.8	0.263	1.23	4.5
M897360		53.0	104.5	<0.002	0.38	1.46	10.5	2	2.9	325	0.64	0.41	13.8	0.256	1.32	4.9
M897361		18.6	106.0	<0.002	0.15	1.97	11.2	2	2.5	342	0.67	0.07	15.6	0.265	1.25	4.9
M897362		41.3	119.5	<0.002	0.62	1.82	11.2	2	3.1	350	0.70	0.20	15.7	0.259	1.58	5.8
M897363		19.2	120.0	<0.002	0.65	2.73	11.0	2	2.9	298	0.66	0.17	15.4	0.262	1.49	4.6
M897364		2820	159.0	<0.002	4.78	85.4	7.4	2	7.8	90.5	0.47	0.37	11.5	0.182	2.40	5.8
M897365		19.3	113.5	<0.002	0.15	1.28	11.2	2	2.4	407	0.69	0.08	15.5	0.273	1.27	5.0
M897366		16.2	108.0	<0.002	0.10	1.15	11.3	2	2.2	408	0.64	0.05	15.3	0.266	1.18	5.0
M897367		29.7	133.0	<0.002	0.42	8.37	11.7	2	2.7	232	0.71	0.17	17.0	0.273	1.60	5.3
M897368		27.4	117.0	<0.002	1.10	6.62	10.2	2	2.9	179.0	0.62	0.32	14.2	0.245	1.78	6.3
M897369		1.5	2.0	<0.002	0.02	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	0.02	0.7
M897370		36.2	143.5	<0.002	0.25	18.80	11.9	1	2.5	73.5	0.77	0.07	17.3	0.286	1.72	4.7
M897371		162.5	215	<0.002	1.39	9.44	10.8	2	8.4	68.2	0.65	0.27	14.9	0.237	3.09	5.6
M897372		36.4	138.0	<0.002	0.25	3.27	11.2	1	2.6	307	0.71	0.05	16.9	0.260	1.75	4.1
M897373		2800	156.0	<0.002	4.76	85.9	7.3	2	7.7	90.5	0.46	0.34	11.5	0.181	2.33	5.8
M897374		26.7	126.0	<0.002	0.12	7.31	11.3	1	2.0	237	0.73	<0.05	16.5	0.268	1.49	5.4
M897375		79.4	138.0	<0.002	0.37	12.50	11.1	1	2.6	140.5	0.72	<0.05	16.4	0.260	1.93	5.0
M897376		325	137.5	<0.002	2.76	42.1	9.1	1	6.3	62.7	0.54	0.10	12.7	0.214	2.59	5.3
M897377		2.5	4.3	<0.002	0.03	0.14	0.4	1	<0.2	39.6	<0.05	<0.05	<0.2	0.005	0.02	0.7
M897378		123.0	127.0	<0.002	0.35	13.25	10.1	1	2.9	94.3	0.64	<0.05	15.2	0.242	2.33	4.6
M897379		35.9	116.5	<0.002	0.32	2.79	10.4	1	2.6	306	0.63	0.08	13.5	0.260	1.57	3.9
M897380		281	184.5	<0.002	2.81	8.17	10.1	1	9.3	49.1	0.57	1.03	14.5	0.225	2.54	6.6
M897381		159.0	154.0	<0.002	1.72	12.75	10.3	1	6.1	95.3	0.63	0.93	15.1	0.236	2.21	5.9
M897382		49.9	121.0	<0.002	0.21	2.01	10.3	1	2.4	336	0.64	0.06	14.7	0.248	1.48	4.2
M897383		35.9	117.0	<0.002	0.58	2.32	10.0	1	2.7	334	0.66	0.07	14.8	0.251	1.49	5.1
M897384		22.8	134.0	<0.002	0.80	2.89	10.6	2	3.5	303	0.66	0.45	15.8	0.245	1.63	6.6
M897385		15.9	112.5	<0.002	0.21	4.85	10.9	2	2.8	294	0.67	<0.05	14.9	0.271	1.30	4.7
M897386		22.5	96.5	<0.002	0.55	19.25	11.0	1	3.0	99.4	0.67	0.08	14.9	0.252	1.75	11.4
M897387		39.4	120.0	<0.002	0.57	18.50	12.6	1	2.8	74.1	0.68	0.15	15.7	0.272	1.57	9.3
M897388		39.6	134.0	<0.002	0.84	19.65	11.4	1	3.2	50.2	0.80	0.24	16.6	0.254	1.62	7.0
M897389		55.4	151.5	0.002	1.63	38.9	12.6	1	4.3	45.1	0.68	0.20	14.7	0.288	1.73	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897354		78	1.6	20.1	54	43.3
M897355		74	2.9	18.2	161	45.4
M897356		70	4.0	23.1	328	38.4
M897357		80	1.8	19.8	63	44.3
M897358		71	1.4	18.5	48	42.7
M897359		72	1.4	18.4	47	41.4
M897360		71	2.2	17.4	126	39.8
M897361		72	1.9	19.7	115	42.1
M897362		73	1.6	19.6	84	44.4
M897363		72	2.5	18.3	66	41.3
M897364		57	5.4	9.6	5200	27.6
M897365		75	2.7	19.4	70	41.7
M897366		74	2.4	19.4	52	40.8
M897367		75	4.0	21.5	171	45.6
M897368		68	4.6	16.8	173	41.2
M897369		2	0.3	0.9	17	0.5
M897370		76	8.8	18.9	427	47.0
M897371		68	6.5	15.2	1110	41.6
M897372		71	2.5	19.8	369	46.5
M897373		57	5.2	9.7	5170	27.1
M897374		74	4.0	19.2	255	48.4
M897375		72	3.5	18.4	688	48.7
M897376		60	7.4	12.4	946	35.0
M897377		2	0.2	0.9	21	0.6
M897378		67	4.0	15.1	458	35.9
M897379		73	2.2	16.1	121	37.0
M897380		68	5.5	12.6	481	34.6
M897381		69	3.9	14.8	532	37.9
M897382		70	1.6	16.9	160	38.0
M897383		68	1.9	16.5	141	39.2
M897384		66	1.7	17.8	103	41.4
M897385		74	2.0	17.9	56	39.3
M897386		73	4.3	16.7	196	37.9
M897387		86	5.9	19.1	119	38.1
M897388		73	4.8	18.9	168	44.3
M897389		72	6.2	17.5	118	35.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164244

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164245

Project: Klaza - 82

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

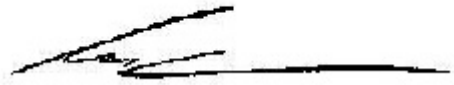
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164245

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897390		4.73	0.139	0.83	7.92	75.3	920	1.41	3.75	1.68	1.95	66.4	15.8	8	22.7	55.7
M897391		0.33	2.31	25.4	6.28	3600	1730	1.32	19.70	2.23	79.9	45.1	10.9	19	15.25	443
M897392		9.56	0.015	0.35	7.88	28.9	1910	1.37	0.89	1.34	6.31	50.6	6.6	8	15.75	73.4
M897393		3.96	0.028	0.84	7.65	45.7	700	1.37	2.49	0.87	10.95	68.2	11.8	12	17.20	82.4
M897394		3.87	0.382	0.93	7.74	40.2	740	1.33	2.68	0.68	2.97	75.5	25.4	9	11.60	100.0
M897395		1.44	<0.005	0.01	0.10	<5	30	0.07	0.03	22.1	0.10	1.45	1.7	1	0.28	1.8
M897396		4.27	0.031	0.65	8.27	17.0	2810	1.47	1.47	0.44	1.73	58.9	9.1	9	17.20	102.0
M897397		6.78	0.086	2.42	6.72	74.7	880	1.29	7.81	0.90	4.64	54.3	11.8	11	14.40	89.7
M897398		5.32	0.006	0.50	8.64	25.5	1920	1.41	1.40	0.59	2.32	61.8	6.0	9	18.05	16.1
M897399		<0.02	<0.005	0.49	8.64	23.4	1920	1.31	1.30	0.59	2.28	57.6	6.0	9	17.70	16.3
M897400		3.86	0.047	3.45	8.11	114.5	300	1.70	8.86	0.39	5.72	59.2	7.3	11	23.7	128.0
M899701		8.32	<0.005	0.26	7.45	26.0	1260	2.10	0.28	2.96	0.37	54.2	6.4	28	38.7	18.7
M899702		11.09	<0.005	0.16	7.27	15.2	1390	2.14	0.06	3.14	0.05	50.8	5.4	16	37.7	6.8
M899703		10.22	<0.005	0.08	7.10	13.5	1580	2.05	0.04	3.61	0.06	47.8	5.2	15	35.8	6.9
M899704		5.37	<0.005	0.19	7.40	18.5	1290	2.05	0.20	2.82	0.62	55.7	6.0	30	42.5	13.1
M899705		0.33	2.17	24.7	6.25	3540	1330	1.32	19.25	2.25	80.7	44.9	10.9	19	15.10	434
M899706		5.96	0.016	1.24	7.27	35.4	1340	1.86	1.52	2.55	7.36	63.2	9.8	9	28.6	10.4
M899707		6.23	0.030	1.26	7.26	60.6	1160	1.57	2.05	1.70	5.54	50.8	29.6	9	18.80	60.0
M899708		5.20	0.525	19.75	6.49	2220	770	1.24	78.0	1.06	7.87	71.5	15.5	10	11.00	710
M899709		1.64	<0.005	0.07	0.11	<5	20	0.07	0.29	22.0	0.10	1.69	1.7	1	0.33	5.4
M899710		5.62	0.414	2.99	7.06	516	890	1.71	7.04	1.57	10.55	51.8	13.5	7	25.1	158.0
M899711		5.42	0.080	1.46	7.67	88.1	1400	1.54	3.28	1.89	7.04	49.7	8.4	9	15.65	66.7
M899712		11.79	0.019	0.59	7.75	18.9	2220	1.42	1.46	2.04	3.13	42.9	6.8	9	12.10	28.7
M899713		7.37	0.033	1.13	7.46	36.8	1910	1.54	2.75	0.89	4.78	57.7	23.5	10	13.35	28.0
M899714		11.48	0.014	0.54	8.10	23.2	2060	1.68	1.18	1.55	3.61	66.7	16.7	9	13.00	12.9
M899715		8.86	<0.005	0.29	7.53	12.1	2170	1.84	0.51	2.44	0.79	45.0	6.9	11	15.75	10.3
M899716		7.30	<0.005	0.26	8.05	15.6	2010	1.64	0.99	1.65	0.49	59.9	8.4	9	20.4	14.0
M899717		6.92	<0.005	0.17	7.71	13.7	2150	1.76	0.35	2.78	0.51	53.3	7.1	12	17.45	7.4
M899718		3.47	0.048	0.19	6.95	42.4	1920	1.54	0.31	2.84	1.65	43.6	6.5	9	25.7	12.6
M899719		2.92	0.018	0.19	7.28	35.6	1710	1.65	0.30	2.40	2.07	45.5	5.6	9	26.5	12.1
M899720		10.74	<0.005	0.15	7.83	12.2	2410	1.70	0.36	2.64	0.43	58.5	6.9	14	13.95	10.7
M899721		3.81	0.007	0.38	7.20	28.1	2480	1.73	0.55	2.70	2.81	41.4	6.0	10	19.20	26.3
M899722		6.83	0.850	>100	4.98	1785	2060	1.02	872	3.81	274	167.0	5.4	6	10.75	4180
M899723		6.04	0.100	1.77	7.33	87.5	880	1.74	5.24	2.20	2.30	144.5	6.6	11	17.95	29.5
M899724		7.63	0.007	0.70	7.00	11.9	1850	1.71	1.72	2.51	1.29	72.6	6.4	7	13.90	16.7
M899725		4.19	0.006	0.23	6.81	12.0	1630	1.66	0.61	2.71	1.39	55.7	6.6	8	14.85	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897390		4.49	16.70	0.20	1.2	0.272	3.24	36.8	10.9	0.72	993	2.22	0.05	7.6	3.7	560
M897391		6.84	14.30	0.20	0.9	1.750	2.79	23.4	23.3	0.92	1880	13.35	0.05	6.2	16.1	450
M897392		3.13	17.55	0.16	1.3	0.121	3.28	24.9	27.8	0.28	647	1.34	0.17	8.5	2.4	600
M897393		3.81	16.80	0.18	1.2	0.235	4.13	38.3	11.5	0.53	767	4.87	0.07	6.9	3.4	560
M897394		4.04	16.30	0.17	1.2	0.302	3.75	43.8	15.0	0.45	888	2.20	0.07	7.5	3.7	610
M897395		0.52	0.40	0.07	<0.1	0.006	0.05	0.7	1.2	13.05	228	0.14	<0.01	0.3	3.3	180
M897396		2.76	18.85	0.16	1.2	0.261	3.91	30.5	20.7	0.25	781	2.80	0.11	8.0	2.3	630
M897397		3.96	14.90	0.17	1.0	0.262	3.12	28.9	15.8	0.47	1010	4.36	0.06	6.1	2.9	480
M897398		3.48	18.60	0.19	1.3	0.183	3.15	31.8	30.6	0.41	1200	2.23	0.09	9.0	2.9	670
M897399		3.48	18.15	0.18	1.3	0.185	3.10	29.4	30.0	0.41	1180	1.96	0.09	8.7	3.0	680
M897400		5.23	18.85	0.22	1.6	0.435	3.24	29.4	16.3	0.43	854	3.09	0.04	8.5	6.1	650
M899701		2.22	19.65	0.16	3.9	0.030	2.78	25.8	20.6	0.91	681	2.18	0.07	9.5	21.0	700
M899702		2.20	18.60	0.18	2.1	0.029	2.80	23.5	17.7	0.86	653	0.44	0.08	9.0	8.8	800
M899703		2.22	18.90	0.18	2.1	0.029	2.77	21.6	23.7	0.86	661	0.41	0.09	9.2	8.9	810
M899704		2.13	19.90	0.18	4.1	0.030	2.90	27.0	13.8	0.99	460	0.94	0.07	9.5	20.9	670
M899705		6.91	14.30	0.21	0.9	1.755	2.74	23.0	24.9	0.92	1890	13.20	0.04	6.0	16.3	450
M899706		2.77	16.10	0.14	1.2	0.361	2.36	33.9	13.6	0.77	800	4.70	1.26	7.1	4.2	560
M899707		3.75	14.75	0.17	1.1	0.423	2.82	27.8	15.4	0.62	976	3.01	0.33	6.4	3.0	520
M899708		8.33	15.65	0.27	1.4	0.936	2.69	38.1	20.6	0.47	2120	1.75	0.05	6.3	4.2	430
M899709		0.51	0.39	0.05	<0.1	0.008	0.04	0.8	1.4	13.00	224	0.17	<0.01	0.3	3.0	190
M899710		4.62	15.75	0.16	1.1	0.461	2.92	27.1	18.4	0.55	1260	5.35	0.03	6.8	3.5	520
M899711		4.40	17.35	0.18	1.3	0.524	3.47	24.4	22.1	0.65	1110	0.93	0.08	7.9	2.7	590
M899712		3.11	17.00	0.16	1.5	0.163	3.05	19.8	29.5	0.46	624	1.17	0.36	8.7	2.8	610
M899713		3.51	16.00	0.17	1.1	0.308	2.81	32.9	21.6	0.58	578	14.10	0.12	6.6	2.7	540
M899714		3.15	17.20	0.19	1.5	0.142	3.23	36.8	22.9	0.57	643	2.52	0.73	8.4	3.0	610
M899715		3.04	16.60	0.18	1.7	0.070	2.84	21.2	14.1	0.46	564	3.05	1.54	8.8	3.2	620
M899716		3.43	17.15	0.19	1.4	0.087	2.35	30.8	25.5	0.47	675	1.18	0.77	8.7	3.0	620
M899717		2.93	16.45	0.19	1.3	0.057	2.87	25.9	14.7	0.67	604	1.85	1.96	8.2	3.1	600
M899718		2.71	15.55	0.17	1.3	0.058	3.07	20.0	25.1	0.61	2020	1.25	1.23	7.9	2.5	560
M899719		2.64	15.55	0.18	1.3	0.057	3.09	21.4	20.3	0.61	1310	1.61	1.08	7.8	2.6	580
M899720		2.84	16.25	0.19	1.3	0.058	3.00	29.5	10.9	0.68	500	1.38	2.20	8.4	3.1	590
M899721		2.59	16.15	0.17	1.3	0.104	3.25	19.0	15.9	0.52	544	3.16	1.29	8.2	2.6	610
M899722		11.35	14.15	0.39	0.8	20.0	2.14	104.5	13.3	1.11	1630	34.3	0.04	4.3	2.4	320
M899723		4.61	16.45	0.20	1.1	0.730	3.16	94.7	19.0	0.88	1130	32.6	0.19	6.7	2.6	550
M899724		2.65	17.85	0.14	1.4	0.142	2.47	43.6	21.7	0.69	489	3.97	1.79	8.6	2.8	530
M899725		2.69	17.40	0.13	1.2	0.121	2.45	30.4	19.6	0.67	606	4.87	1.67	8.1	2.8	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897390		44.8	157.5	0.002	2.68	15.40	11.3	2	6.3	42.8	0.65	0.63	15.8	0.226	2.50	7.1
M897391		2770	160.5	0.002	5.02	94.8	8.7	2	8.5	94.3	0.50	0.43	10.6	0.183	2.40	5.3
M897392		40.5	144.5	<0.002	0.69	16.95	11.3	2	4.3	93.6	0.75	0.16	13.8	0.253	1.96	3.2
M897393		47.9	236	0.002	2.17	14.05	10.4	2	4.9	62.6	0.60	0.48	13.8	0.220	3.19	4.0
M897394		58.2	201	<0.002	2.15	18.30	11.7	2	6.1	52.7	0.63	0.46	14.1	0.227	2.75	4.0
M897395		1.8	2.3	<0.002	0.02	0.09	0.4	1	<0.2	41.6	<0.05	<0.05	0.2	<0.005	0.02	0.6
M897396		23.7	172.0	<0.002	0.58	10.85	12.5	1	4.0	72.3	0.70	0.15	15.1	0.246	2.49	3.3
M897397		143.0	155.5	0.003	2.46	10.95	9.7	1	5.2	53.9	0.52	0.61	11.0	0.205	2.57	3.4
M897398		53.9	140.5	<0.002	0.31	11.75	12.9	1	2.9	67.5	0.73	0.06	15.9	0.283	2.02	3.1
M897399		52.0	137.0	<0.002	0.31	11.40	12.5	1	2.8	65.4	0.68	0.07	15.4	0.276	1.96	3.0
M897400		191.5	148.5	<0.002	3.53	16.05	12.5	2	9.2	45.4	0.68	0.10	12.2	0.281	2.78	4.0
M899701		41.6	89.4	<0.002	0.08	8.67	6.3	1	1.7	290	0.80	<0.05	10.3	0.271	1.55	5.4
M899702		15.8	87.8	<0.002	0.10	3.66	6.1	1	1.4	286	0.71	<0.05	8.4	0.273	1.59	4.7
M899703		17.2	77.8	<0.002	0.09	3.61	6.1	1	1.4	336	0.72	<0.05	7.9	0.278	1.58	4.8
M899704		32.1	101.0	<0.002	0.04	7.35	6.2	1	1.9	255	0.80	<0.05	10.2	0.265	1.95	5.5
M899705		2830	159.0	0.002	5.01	95.6	8.7	2	8.5	92.2	0.48	0.44	10.3	0.181	2.39	5.3
M899706		178.0	97.6	<0.002	0.51	4.89	10.2	1	4.4	210	0.67	0.24	12.7	0.213	1.96	3.7
M899707		130.5	145.5	<0.002	1.77	7.45	9.9	1	3.9	96.1	0.57	0.32	13.1	0.201	2.61	3.9
M899708		316	140.0	<0.002	7.96	40.3	9.0	5	10.6	78.0	0.54	1.25	10.8	0.193	2.53	4.0
M899709		2.8	2.2	<0.002	0.04	0.21	0.4	1	0.2	43.1	<0.05	<0.05	0.2	<0.005	0.03	0.5
M899710		144.5	157.5	<0.002	3.39	26.3	10.1	1	7.7	65.4	0.58	0.67	12.0	0.206	2.99	6.2
M899711		99.8	157.0	<0.002	1.68	11.80	11.2	1	6.8	88.0	0.67	0.66	13.0	0.235	2.81	4.1
M899712		48.7	102.5	<0.002	0.46	16.30	11.0	1	3.7	123.5	0.76	0.31	12.3	0.258	1.69	3.6
M899713		70.5	144.0	0.002	1.25	7.52	9.8	1	3.6	48.7	0.58	0.68	13.6	0.208	2.27	4.3
M899714		76.1	132.0	<0.002	0.94	9.08	11.4	1	2.8	136.0	0.77	0.21	15.4	0.248	1.89	3.4
M899715		40.9	95.6	<0.002	0.29	6.13	10.7	1	2.4	271	0.79	0.08	12.6	0.258	1.30	3.6
M899716		33.5	99.1	<0.002	0.51	12.75	11.7	1	2.7	151.5	0.74	0.15	14.5	0.264	1.28	6.9
M899717		25.8	105.0	<0.002	0.20	3.81	10.9	1	2.0	352	0.70	0.05	13.1	0.251	1.33	3.9
M899718		37.0	106.0	<0.002	0.40	4.79	9.7	1	2.0	248	0.68	0.06	11.2	0.242	1.87	3.5
M899719		35.9	118.5	<0.002	0.33	4.27	9.9	1	2.1	212	0.67	0.05	12.2	0.240	1.89	3.7
M899720		23.6	114.0	<0.002	0.29	3.04	10.7	1	2.0	392	0.71	0.09	14.0	0.253	1.34	4.3
M899721		48.8	110.0	<0.002	0.56	7.22	10.2	1	2.4	249	0.71	0.13	11.3	0.250	1.71	3.9
M899722		9660	102.5	0.009	>10.0	219	8.6	7	20.7	89.3	0.37	11.90	9.1	0.132	2.06	4.6
M899723		58.9	179.5	0.011	1.71	9.48	11.1	2	7.2	106.0	0.57	1.50	13.6	0.202	2.66	7.2
M899724		61.7	108.5	0.002	0.33	5.54	11.6	1	3.0	272	0.69	0.13	13.2	0.231	1.18	4.4
M899725		44.0	101.5	0.002	0.37	3.23	11.4	1	2.6	265	0.62	0.10	12.7	0.231	1.22	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164245

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897390		68	4.5	16.2	171	36.6		
M897391		57	5.0	10.1	5170	28.1		
M897392		71	5.3	16.4	409	41.2		
M897393		69	3.0	15.6	556	34.8		
M897394		71	2.5	16.7	262	34.7		
M897395		1	0.1	0.8	16	<0.5		
M897396		76	2.2	17.7	184	36.5		
M897397		71	3.4	14.3	372	28.4		
M897398		77	4.1	17.5	266	40.3		
M897399		76	3.8	16.8	258	39.7		
M897400		80	10.8	13.2	511	54.9		
M899701		51	2.7	12.0	118	151.5		
M899702		51	1.6	11.4	57	67.9		
M899703		52	1.5	11.2	61	66.8		
M899704		51	2.2	11.9	115	159.0		
M899705		57	5.1	9.9	5450	27.4		
M899706		66	1.5	14.4	643	35.8		
M899707		64	2.2	13.6	493	31.9		
M899708		54	12.2	12.7	395	46.0		
M899709		1	0.2	0.9	17	0.6		
M899710		61	6.6	13.2	786	34.3		
M899711		68	3.3	16.3	663	38.1		
M899712		71	3.9	15.8	224	44.7		
M899713		68	3.0	15.0	412	32.4		
M899714		70	3.3	17.4	296	43.9		
M899715		71	3.4	15.7	92	49.5		
M899716		72	3.7	18.8	75	42.5		
M899717		69	2.5	16.7	61	39.2		
M899718		66	3.8	14.3	160	38.0		
M899719		65	4.0	14.1	179	38.3		
M899720		70	2.3	16.7	58	39.7		
M899721		69	2.4	13.9	222	38.6		
M899722		53	11.9	16.8	>10000	22.0	369	2.21
M899723		67	3.7	17.1	254	33.7		
M899724		67	2.4	17.1	112	38.7		
M899725		67	1.6	17.1	142	34.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164245

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164246

Project: Klaza - 82

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

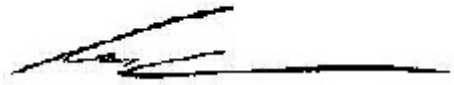
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164246

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810412		5.78	0.005	0.39	7.30	15.2	2190	1.48	0.90	2.42	2.91	48.4	5.2	8	16.90	7.5
N810413		4.41	0.113	1.39	7.27	309	870	1.49	2.59	1.57	6.95	55.8	5.2	8	16.30	20.3
N810414		6.81	0.009	0.29	7.63	18.0	1980	1.38	0.52	2.38	2.21	52.6	4.3	9	12.10	5.4
N810415		3.30	0.011	0.32	7.37	16.2	1920	1.33	0.52	2.32	2.32	49.0	4.8	9	11.35	4.7
N810416		4.13	0.018	0.46	7.17	25.7	1580	1.41	0.94	2.17	2.89	67.4	4.4	8	15.25	4.0
N810417		8.05	0.017	0.43	7.42	16.9	2120	1.43	0.82	2.63	3.78	52.1	5.3	8	11.05	7.1
N810418		10.41	0.043	0.78	7.05	30.8	2200	1.23	1.02	2.86	6.73	49.8	8.8	8	9.44	10.3
N810419		<0.02	0.038	0.74	7.19	31.1	2230	1.28	1.03	2.85	6.53	48.1	8.9	9	9.34	10.5
N810420		4.65	0.053	2.25	7.55	75.5	2180	1.37	2.81	2.06	36.7	55.9	4.2	8	14.15	24.6
N810421		12.72	0.045	0.75	7.70	258	2300	1.17	1.23	2.05	6.28	50.9	5.4	10	9.49	8.9
N810422		0.26	4.52	>100	5.23	8220	200	1.22	57.4	1.94	220	30.1	9.7	17	11.75	1260
N810423		11.81	0.097	1.32	7.19	980	2200	1.25	0.92	2.32	14.80	40.4	5.4	9	10.90	11.0
N810424		5.17	0.027	0.82	6.86	95.5	1680	1.33	1.00	4.12	4.56	46.3	8.2	7	15.95	10.3
N810425		4.75	0.330	4.98	7.15	407	1010	1.89	8.66	2.30	22.7	74.7	12.1	6	26.8	53.1
N810426		7.64	0.075	4.83	6.46	181.5	910	1.42	9.78	2.23	22.7	68.1	4.3	8	12.05	129.5
N810427		4.41	0.130	8.34	5.71	382	790	1.20	15.05	2.34	34.2	112.0	3.9	7	12.40	65.6
N810428		3.28	0.043	3.34	6.32	362	910	1.28	4.20	0.42	69.8	102.0	2.2	5	5.60	62.6
N810429		7.03	0.238	17.00	7.06	1550	1410	1.78	32.9	1.22	13.70	192.5	7.4	6	20.2	121.0
N810430		3.47	<0.005	0.02	0.12	5	30	0.10	0.07	21.6	0.13	1.57	1.5	<1	0.40	3.3
N810431		7.10	0.022	1.22	7.97	68.5	630	2.01	2.70	2.15	5.78	106.0	7.0	7	11.15	31.4
N810432		6.74	0.076	1.04	7.82	51.0	540	1.68	2.21	2.33	3.68	59.8	3.6	8	8.80	13.9
N810433		6.25	0.026	1.45	7.51	84.2	600	1.98	2.96	2.90	4.38	58.7	4.2	8	8.40	33.1
N810434		8.66	0.015	1.18	7.28	106.0	650	1.73	2.71	2.42	9.37	51.5	5.6	6	7.28	9.8
N810435		4.22	0.024	1.16	5.28	35.0	710	1.28	2.50	2.06	16.00	56.2	9.7	18	6.49	12.5
N810436		0.26	4.36	>100	5.38	7250	910	1.15	55.3	1.94	220	33.5	9.1	15	11.40	1230
N810437		6.23	0.065	2.30	7.10	207	730	1.71	4.07	1.92	16.85	74.9	13.9	6	10.55	80.2
N810438		4.29	0.055	0.76	6.87	374	1390	1.76	1.33	2.98	1.28	75.6	12.4	6	14.20	43.9
N810439		3.87	0.055	0.83	7.46	120.5	760	1.54	1.34	2.21	5.22	52.9	7.4	6	11.05	8.7
N810440		4.51	0.240	2.52	7.33	615	610	1.57	3.87	1.33	10.70	55.6	8.6	6	10.40	31.3
N810441		5.72	0.044	1.21	7.46	58.1	1030	1.79	2.08	2.10	20.5	52.6	5.7	6	13.25	43.3
N810442		5.27	1.755	>100	4.47	1175	140	1.10	155.5	1.38	86.2	209	392	4	7.34	178.0
N810443		2.63	<0.005	0.18	0.11	<5	20	0.07	0.21	21.2	0.18	1.73	1.8	<1	0.86	1.8
N810444		10.25	0.103	1.04	6.93	388	1190	1.56	1.70	3.48	8.37	56.7	6.9	6	15.55	18.3
N810445		4.98	0.311	4.34	6.52	787	420	1.35	8.40	1.95	4.65	63.7	11.3	5	8.84	40.5
N810446		3.93	0.031	0.87	7.15	226	930	1.72	1.72	2.77	7.03	59.3	6.6	6	12.50	10.7
N810447		4.93	0.134	2.74	6.52	238	560	1.37	6.31	1.66	3.27	47.9	9.1	7	7.60	40.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810412		2.87	15.80	0.09	1.3	0.260	3.00	23.6	12.9	0.71	749	0.88	0.73	8.1	2.6	570
N810413		4.11	16.75	0.12	1.2	0.560	3.34	30.3	9.2	0.68	996	1.27	0.06	7.1	2.5	550
N810414		2.73	16.40	0.10	1.3	0.098	2.74	26.3	9.2	0.75	543	0.87	1.90	8.3	2.5	600
N810415		2.64	15.85	0.09	1.3	0.094	2.65	24.3	9.7	0.69	526	0.89	1.74	8.0	2.4	600
N810416		2.69	16.05	0.10	1.2	0.283	2.82	36.2	13.5	0.76	780	0.78	0.37	6.9	2.1	570
N810417		3.05	16.25	0.11	1.3	0.137	2.87	26.0	8.0	0.78	668	1.26	1.84	8.2	2.7	590
N810418		3.50	15.70	0.10	1.3	0.218	2.67	25.3	11.6	0.84	701	1.42	1.52	8.1	2.8	560
N810419		3.64	15.70	0.10	1.3	0.213	2.71	24.0	12.2	0.87	712	1.43	1.55	8.0	2.9	580
N810420		4.07	16.65	0.12	1.2	1.035	3.46	29.6	23.7	0.88	1300	1.31	0.20	8.0	2.6	570
N810421		3.37	16.55	0.10	1.2	0.186	3.13	26.2	11.2	0.77	577	1.20	1.72	8.2	2.6	590
N810422		8.22	13.05	0.12	1.0	5.07	2.32	14.1	27.5	0.61	3020	15.95	0.08	5.6	13.9	440
N810423		3.34	16.00	0.09	1.3	0.287	3.21	19.4	16.9	0.68	640	1.19	0.64	8.2	2.6	590
N810424		3.46	15.40	0.10	1.3	0.228	2.74	22.7	18.6	0.74	1140	1.07	0.30	7.8	2.3	530
N810425		5.79	18.70	0.13	0.9	1.070	2.68	39.2	22.9	0.66	1180	2.02	0.05	6.0	3.1	570
N810426		3.94	13.55	0.11	0.8	0.786	2.38	38.4	20.8	0.87	1030	1.31	0.06	5.1	1.5	510
N810427		5.13	13.65	0.13	0.8	1.920	2.15	72.8	31.9	0.78	970	12.50	0.06	5.3	1.6	490
N810428		4.51	16.35	0.17	0.8	1.795	2.90	63.3	10.2	0.50	806	1.09	0.03	6.0	1.7	450
N810429		7.30	20.9	0.34	1.0	0.596	2.91	125.5	21.5	0.78	1040	2.52	0.05	7.1	2.9	600
N810430		0.47	0.31	<0.05	<0.1	0.007	0.06	0.8	1.3	12.85	213	0.11	<0.01	0.4	1.2	190
N810431		5.29	17.60	0.17	1.1	0.504	1.84	65.8	29.8	1.05	997	0.72	0.94	9.0	3.1	620
N810432		3.77	16.15	0.10	1.1	0.317	1.52	34.7	23.1	0.89	757	0.64	1.51	7.9	2.5	560
N810433		3.31	18.35	0.12	1.0	0.377	1.91	28.6	13.2	0.51	822	0.91	1.72	8.2	1.9	600
N810434		2.42	14.60	0.08	1.1	0.353	1.94	27.1	11.7	0.45	657	1.89	2.11	7.4	2.2	570
N810435		2.71	11.95	0.09	0.7	0.406	1.86	33.5	14.0	0.45	657	0.52	0.62	4.3	8.0	370
N810436		8.07	12.75	0.19	1.0	4.77	2.30	18.0	30.9	0.63	3020	13.40	0.08	5.8	15.8	440
N810437		5.30	16.70	0.15	0.9	0.513	2.09	45.3	15.6	0.71	1150	0.37	0.67	5.3	3.1	510
N810438		3.23	15.65	0.12	1.1	0.158	2.34	41.1	51.8	0.90	1020	0.45	0.64	7.3	2.6	580
N810439		3.81	15.90	0.12	1.0	0.335	2.80	28.2	19.3	0.77	855	0.51	0.56	7.4	2.2	550
N810440		5.15	15.55	0.15	1.1	0.692	3.51	29.4	8.1	0.72	1040	0.69	0.04	6.6	2.2	530
N810441		2.84	15.55	0.12	1.1	0.516	3.10	25.3	20.4	0.52	985	0.77	0.17	6.9	2.0	570
N810442		18.80	13.60	0.60	0.7	0.833	2.07	133.5	12.4	0.54	976	0.62	0.03	4.1	13.8	430
N810443		0.50	0.36	<0.05	<0.1	0.008	0.06	0.9	1.3	12.70	212	0.12	<0.01	0.7	0.8	210
N810444		3.46	14.95	0.10	1.1	0.322	2.74	29.9	28.7	1.26	1220	0.81	0.11	7.2	2.4	540
N810445		6.24	15.10	0.17	0.9	0.395	2.96	35.7	17.7	0.86	876	0.87	0.05	6.1	2.1	430
N810446		3.49	15.95	0.11	1.0	0.305	2.65	30.5	79.4	1.04	1120	0.63	0.14	7.2	2.4	540
N810447		5.95	14.20	0.14	0.9	0.234	3.00	25.2	34.3	0.82	755	4.63	0.05	6.3	3.2	460

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810412		32.6	117.5	<0.002	0.26	5.52	10.3	1	3.6	158.5	0.72	<0.05	12.3	0.250	2.28	4.4
N810413		92.8	198.0	<0.002	1.88	14.90	10.2	1	7.6	59.8	0.64	0.05	13.8	0.224	3.04	5.5
N810414		50.1	102.5	<0.002	0.23	5.26	10.6	1	3.5	312	0.73	<0.05	13.0	0.257	1.65	3.8
N810415		64.6	97.0	<0.002	0.33	5.39	10.6	1	3.6	291	0.69	0.05	13.0	0.247	1.55	3.8
N810416		35.4	112.5	<0.002	0.40	8.63	10.6	1	4.6	111.0	0.63	0.07	12.4	0.213	2.16	3.7
N810417		30.1	99.9	<0.002	0.20	4.84	10.4	1	2.9	308	0.73	<0.05	12.8	0.247	1.47	4.3
N810418		115.5	101.0	<0.002	0.52	6.07	10.2	1	3.9	274	0.73	0.05	12.7	0.241	1.39	4.0
N810419		111.5	100.0	<0.002	0.55	5.92	10.6	1	3.9	276	0.71	0.06	12.8	0.247	1.42	4.2
N810420		231	144.0	<0.002	0.67	14.30	10.7	1	4.3	102.0	0.70	0.08	14.0	0.244	2.37	5.3
N810421		52.4	113.0	<0.002	0.39	8.73	10.3	1	3.1	293	0.70	<0.05	13.5	0.257	1.38	3.6
N810422		9420	116.0	<0.002	7.08	220	8.0	2	9.4	113.5	0.46	0.49	8.1	0.184	2.24	5.1
N810423		224	111.0	<0.002	0.61	16.05	10.0	1	3.4	185.0	0.74	0.06	11.8	0.250	1.75	3.4
N810424		182.5	98.3	<0.002	0.55	9.80	10.3	1	3.8	187.0	0.68	0.05	12.0	0.227	1.82	4.0
N810425		571	119.0	<0.002	2.80	15.65	10.8	1	10.3	127.5	0.52	0.40	10.8	0.197	2.82	5.2
N810426		344	125.5	<0.002	0.94	21.5	8.8	1	7.3	78.9	0.44	0.17	11.6	0.164	2.27	3.2
N810427		184.5	117.0	<0.002	2.53	22.4	8.2	1	8.9	115.5	0.46	0.36	10.7	0.165	2.10	3.4
N810428		283	173.0	<0.002	1.79	16.10	9.1	2	15.4	22.7	0.49	0.12	11.5	0.172	2.78	3.2
N810429		326	164.5	0.002	4.07	34.6	11.0	2	16.5	129.0	0.60	0.80	12.7	0.204	2.80	5.8
N810430		2.5	2.8	<0.002	0.02	0.12	0.3	1	<0.2	39.9	<0.05	<0.05	<0.2	0.005	0.03	0.6
N810431		168.0	94.1	<0.002	1.07	9.81	12.2	2	9.9	167.0	0.75	0.20	13.8	0.256	1.76	4.0
N810432		72.0	79.5	<0.002	0.79	8.25	10.9	1	5.6	221	0.70	0.12	14.4	0.236	1.34	4.6
N810433		129.5	87.1	<0.002	1.09	7.91	11.2	2	7.5	258	0.69	0.15	11.9	0.234	1.81	4.7
N810434		127.5	97.5	<0.002	0.76	4.52	9.3	2	7.0	238	0.64	0.28	13.2	0.222	1.86	3.8
N810435		142.0	103.5	<0.002	1.23	3.40	6.8	2	4.0	97.2	0.37	0.24	9.1	0.128	1.84	3.0
N810436		9370	124.5	0.002	7.11	208	7.8	3	8.5	119.0	0.48	0.48	9.0	0.181	2.21	5.8
N810437		462	102.0	<0.002	2.43	19.25	9.9	2	5.8	103.5	0.48	0.38	12.1	0.174	2.03	4.7
N810438		57.5	102.5	<0.002	1.33	15.45	11.5	2	5.0	154.0	0.64	0.24	13.1	0.221	2.16	6.2
N810439		138.0	162.0	<0.002	1.89	5.91	10.7	2	6.8	106.5	0.63	0.17	13.4	0.218	2.72	4.1
N810440		224	217	<0.002	3.24	11.05	10.5	2	8.4	54.4	0.62	0.25	14.1	0.195	3.33	3.5
N810441		220	158.0	<0.002	0.67	11.35	11.2	2	5.8	91.6	0.64	0.11	14.4	0.194	2.89	5.4
N810442		>10000	100.5	<0.002	>10.0	71.9	6.7	5	27.0	261	0.38	76.9	37.8	0.117	2.20	5.6
N810443		34.4	4.2	<0.002	0.06	0.17	0.3	1	0.2	38.7	0.07	0.07	0.2	<0.005	0.03	0.6
N810444		152.0	133.0	<0.002	1.07	10.20	10.2	1	4.2	117.5	0.68	0.13	12.9	0.209	2.67	5.5
N810445		171.5	177.0	<0.002	5.51	19.30	9.7	2	11.4	62.9	0.54	1.21	11.5	0.174	2.57	3.4
N810446		126.5	133.5	<0.002	1.14	9.51	10.6	2	4.8	138.5	0.64	0.13	14.0	0.208	2.70	5.0
N810447		140.0	169.5	<0.002	4.88	17.40	9.4	1	8.7	55.5	0.57	1.08	11.5	0.186	2.78	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164246

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N810412		68	1.9	14.0	264	34.9			
N810413		62	5.7	12.5	572	32.6			
N810414		68	1.6	15.2	178	36.8			
N810415		66	2.2	14.7	169	36.4			
N810416		63	2.5	14.8	251	31.6			
N810417		67	1.8	15.3	316	36.8			
N810418		66	2.8	15.1	496	35.3			
N810419		68	2.9	14.8	501	35.3			
N810420		66	4.6	17.0	2470	33.1			
N810421		69	2.5	15.0	425	35.4			
N810422		53	4.7	8.3	>10000	31.3	114		1.590
N810423		68	3.8	14.1	858	38.0			
N810424		61	2.9	16.4	418	36.0			
N810425		103	4.8	13.4	1690	24.9			
N810426		55	2.9	13.1	1680	23.0			
N810427		61	5.0	12.3	2550	22.3			
N810428		49	5.8	9.2	4940	21.8			
N810429		86	9.5	15.5	1100	27.5			
N810430		2	0.2	0.8	26	<0.5			
N810431		72	6.7	20.6	495	30.9			
N810432		61	2.4	17.6	305	29.6			
N810433		59	2.7	18.1	355	28.8			
N810434		51	2.7	13.9	713	30.5			
N810435		45	2.0	13.4	1200	18.8			
N810436		51	4.5	10.3	>10000	33.6	122		1.635
N810437		78	2.4	16.9	1340	24.1			
N810438		71	2.6	18.3	141	30.1			
N810439		58	2.5	14.8	450	27.1			
N810440		56	4.2	14.1	934	28.9			
N810441		56	2.1	18.0	1490	30.7			
N810442		46	3.5	15.1	7550	16.2	146	2.37	
N810443		2	0.1	0.9	33	<0.5			
N810444		59	4.3	18.7	643	30.1			
N810445		59	4.8	12.2	384	25.0			
N810446		60	3.1	16.6	591	29.3			
N810447		54	5.7	9.1	400	25.8			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12164246

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164247

Project: Klaza - 83

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12164247

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899581		3.12	0.009	0.97	7.45	14.7	2280	1.57	2.84	2.79	0.25	48.3	8.1	22	7.44	41.9
M899582		2.31	0.026	1.74	7.21	40.1	1660	1.65	2.64	2.96	2.37	40.2	8.4	18	12.25	54.5
M899583		4.36	0.008	0.21	7.37	8.5	2200	1.66	0.56	2.70	0.11	40.1	7.5	18	5.92	10.1
M899584		2.53	0.346	9.24	7.67	164.0	620	1.43	13.10	1.60	6.68	45.4	10.1	16	14.35	111.0
M899585		3.24	<0.005	0.09	0.07	<5	20	<0.05	0.02	22.2	0.06	0.96	0.6	1	0.17	2.0
M899586		4.77	0.025	0.18	7.37	6.4	2270	1.73	1.73	2.77	0.09	37.7	4.7	21	5.74	25.3
M899587		0.31	1.285	34.1	7.39	513	1170	1.88	1.22	0.29	30.4	69.7	5.8	18	3.29	125.0
M899588		5.59	0.005	0.24	7.35	10.3	2110	1.67	0.44	2.76	0.12	49.0	7.5	21	7.90	5.6
M899589		5.44	0.012	0.17	7.34	7.5	2390	1.52	0.56	2.89	0.18	45.8	8.9	21	5.99	13.1
M899590		<0.02	0.009	0.24	7.57	8.0	2380	1.58	0.55	2.88	0.17	45.4	8.5	24	5.99	10.8
M899591		2.97	0.016	0.44	6.86	12.6	2210	1.37	0.82	3.25	0.55	33.9	8.7	20	10.05	22.8
M899592		4.03	<0.005	0.14	7.26	4.7	2160	1.54	0.19	2.78	0.12	50.8	7.2	23	3.45	7.9
M899593		3.46	<0.005	0.09	7.36	6.3	2260	1.58	0.24	2.87	0.11	46.2	7.7	28	5.34	7.2
M899594		0.30	1.255	33.8	7.69	509	1230	1.85	1.23	0.30	30.7	70.7	5.8	18	3.29	124.0
M899595		2.42	0.007	0.21	7.34	5.4	2480	1.33	0.35	2.85	0.13	45.5	7.1	24	4.09	7.9
M899596		4.39	<0.005	0.18	7.21	6.2	2090	1.54	0.52	2.53	0.13	50.2	6.6	19	4.31	6.4
M899597		2.79	0.036	0.42	7.30	14.8	2300	1.54	1.99	2.28	0.26	45.4	14.0	22	5.63	83.6
M899598		4.37	0.011	0.13	7.52	7.0	2350	1.45	0.55	2.55	0.09	50.0	7.8	19	3.65	10.0
M899599		2.39	<0.005	0.11	7.33	4.0	2070	1.50	0.21	2.55	0.09	56.6	7.0	20	5.04	4.6
M899600		2.92	0.112	0.58	7.15	27.1	640	1.39	2.81	2.75	0.12	54.3	13.5	24	9.00	98.8
M899601		3.50	<0.005	0.02	0.08	<5	20	0.07	0.03	21.1	0.06	1.01	0.6	1	0.25	1.6
M899602		3.00	0.089	0.19	7.11	15.5	1490	1.20	1.55	2.57	0.05	52.6	14.2	18	6.71	32.2
M899603		2.57	0.016	0.14	7.78	6.8	2360	1.38	0.85	2.40	0.06	55.2	6.5	20	6.41	20.6
M899604		2.97	<0.005	0.13	7.42	5.9	2100	1.42	0.44	2.69	0.11	51.4	6.8	19	5.50	7.4
M899605		2.29	0.025	0.25	7.68	13.6	2610	1.40	0.98	2.37	0.14	50.2	24.7	19	4.34	57.6
M899606		4.98	0.018	0.15	7.65	8.6	2340	1.43	0.54	2.47	0.11	62.9	7.1	20	3.67	15.3
M899607		4.92	0.007	0.09	7.86	5.8	2210	1.37	0.58	2.67	0.09	53.3	7.7	15	5.33	6.3
M899608		4.64	0.015	0.12	8.22	7.9	2510	1.43	0.54	2.66	0.12	55.1	7.7	16	4.80	8.1
M899609		2.79	0.011	0.13	7.79	6.7	2040	1.41	0.72	2.93	0.10	56.0	7.6	14	6.83	19.7
M899610		1.56	0.015	0.15	8.27	7.0	2520	1.48	1.05	2.37	0.11	56.6	10.5	18	7.03	27.7
M899611		3.59	0.043	0.25	7.65	8.1	2160	1.43	0.59	2.85	0.14	49.5	8.2	16	7.69	16.3
M899612		2.11	0.011	0.19	7.59	15.0	2830	1.28	0.51	3.09	0.51	41.2	7.6	18	16.50	6.6
M899613		1.67	0.005	0.04	7.58	6.4	2690	1.38	0.40	2.67	0.12	38.2	4.9	15	9.88	6.7
M899614		1.83	0.021	0.27	7.21	14.5	1870	1.35	1.76	2.77	0.14	46.4	10.5	17	14.20	13.4
M899615		1.56	0.010	0.13	7.58	8.0	2190	1.56	1.99	2.66	0.09	52.9	9.7	16	7.59	16.6
M899616		0.74	0.010	0.14	7.61	6.5	2100	1.58	1.54	2.68	0.08	53.5	8.9	17	7.93	13.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12164247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899581		3.49	16.05	0.11	0.8	0.155	2.70	23.3	11.7	0.86	609	1.71	1.98	7.7	3.2	630
M899582		3.76	16.00	0.11	0.8	0.149	3.08	17.5	11.1	0.94	1770	1.42	1.11	7.0	2.7	600
M899583		3.26	15.55	0.09	1.0	0.078	2.64	19.0	13.2	0.88	577	1.67	2.05	8.1	2.7	640
M899584		4.82	17.05	0.12	0.8	0.755	3.48	22.5	15.5	0.65	2040	2.91	0.18	6.9	2.8	570
M899585		0.50	0.21	0.08	<0.1	<0.005	0.03	0.5	1.0	13.15	232	0.16	0.01	0.1	1.6	180
M899586		3.32	15.85	0.14	1.0	0.110	2.84	17.9	10.9	0.82	507	2.15	2.07	7.6	2.7	620
M899587		5.53	22.1	0.18	2.3	0.206	3.53	32.2	23.8	0.28	1020	5.54	0.07	11.1	6.8	1680
M899588		3.12	15.90	0.13	1.0	0.058	2.87	23.1	12.5	0.81	552	2.24	1.94	7.5	2.8	590
M899589		3.62	16.55	0.12	0.9	0.108	2.76	21.9	13.3	0.93	612	2.76	2.13	8.1	3.4	660
M899590		3.63	16.30	0.12	1.0	0.099	2.81	21.5	12.9	0.95	612	2.72	2.18	8.0	3.1	670
M899591		3.31	15.65	0.11	0.8	0.137	2.76	16.3	12.2	0.78	669	12.85	1.77	7.4	3.2	610
M899592		3.14	15.40	0.12	0.9	0.043	2.55	23.7	9.9	0.93	605	1.89	2.38	7.5	3.5	650
M899593		3.09	16.20	0.09	0.8	0.058	2.57	22.4	10.2	0.88	587	1.98	2.31	7.7	3.0	650
M899594		5.67	22.3	0.16	2.4	0.224	3.42	32.4	24.0	0.29	1060	5.66	0.07	11.5	6.5	1750
M899595		3.14	16.20	0.12	0.8	0.080	2.61	22.2	9.3	0.92	554	2.11	2.18	7.8	2.9	660
M899596		3.15	15.05	0.11	0.8	0.055	2.75	24.9	9.8	0.88	560	1.56	2.14	7.4	2.4	590
M899597		3.77	15.25	0.10	0.9	0.155	2.97	22.8	11.0	0.90	545	2.12	1.74	6.8	2.8	570
M899598		3.14	15.60	0.13	1.0	0.047	2.63	25.8	10.1	0.87	504	1.72	2.26	7.1	2.8	600
M899599		3.18	16.15	0.10	0.9	0.032	2.78	28.8	10.1	0.86	522	1.83	2.24	8.1	2.7	630
M899600		3.73	15.90	0.16	1.1	0.236	4.04	26.3	9.6	0.64	532	2.36	0.50	7.2	3.4	560
M899601		0.46	0.22	0.07	<0.1	<0.005	0.04	0.5	1.1	12.40	206	0.13	0.01	0.1	1.6	190
M899602		3.72	15.15	0.14	1.0	0.140	3.66	25.9	8.6	0.82	421	3.13	1.40	6.3	3.6	600
M899603		3.52	16.10	0.15	1.1	0.070	3.11	27.9	8.9	0.89	436	1.74	2.00	7.7	2.6	630
M899604		3.33	15.80	0.15	0.9	0.053	2.76	25.0	10.2	0.88	508	1.49	2.25	7.6	2.8	600
M899605		3.57	16.05	0.12	0.8	0.111	3.11	25.7	9.3	0.89	522	1.45	2.11	7.4	3.9	610
M899606		3.18	17.00	0.10	1.2	0.100	2.87	32.8	7.9	0.87	532	9.11	2.11	8.3	3.0	620
M899607		3.23	18.00	0.11	1.0	0.065	2.65	27.2	9.5	0.86	488	2.72	2.28	8.4	2.9	640
M899608		3.30	18.15	0.09	0.8	0.069	2.82	28.7	8.9	0.97	559	2.54	2.33	8.2	3.2	670
M899609		3.35	17.90	0.10	0.9	0.082	2.60	28.2	11.0	0.95	508	2.02	2.22	8.2	3.2	630
M899610		3.82	18.10	0.11	1.0	0.067	2.75	29.1	14.8	1.01	436	2.01	2.14	9.3	3.5	740
M899611		3.41	18.75	0.10	0.9	0.063	2.65	24.4	11.5	0.89	597	2.01	2.19	8.7	3.5	670
M899612		3.63	18.40	0.11	0.8	0.075	2.77	20.1	17.3	1.02	1000	1.72	0.40	8.1	3.1	660
M899613		2.44	17.45	0.08	0.9	0.046	3.07	18.4	13.4	0.70	453	2.35	1.80	8.0	2.9	660
M899614		3.23	17.15	0.10	0.9	0.086	2.65	23.8	19.0	0.78	560	2.95	1.04	7.7	3.1	620
M899615		3.45	16.00	0.10	0.9	0.083	2.58	26.5	9.7	0.84	475	2.22	2.12	7.8	3.7	640
M899616		3.40	15.70	0.11	0.9	0.068	2.50	26.8	9.6	0.80	471	1.77	2.09	7.4	3.4	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12164247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899581		18.0	106.5	<0.002	0.30	3.87	10.9	1	2.0	371	0.60	0.08	13.9	0.271	1.48	3.6
M899582		71.5	109.0	<0.002	0.59	4.88	9.6	1	2.0	256	0.57	0.08	9.3	0.264	2.23	3.1
M899583		17.0	94.8	<0.002	0.19	1.43	10.9	1	2.0	392	0.75	<0.05	11.1	0.268	1.16	3.8
M899584		375	200	<0.002	2.91	16.10	10.6	1	5.5	86.8	0.57	0.71	12.1	0.246	2.83	3.5
M899585		1.6	1.3	<0.002	0.01	0.05	0.2	<1	<0.2	37.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899586		15.5	104.0	<0.002	0.24	1.74	10.2	<1	1.9	373	0.69	0.11	12.0	0.269	1.49	4.1
M899587		3890	171.5	0.003	0.58	62.7	14.2	3	19.8	372	0.70	0.29	6.7	0.439	1.86	3.3
M899588		21.2	108.5	<0.002	0.26	1.69	10.5	<1	1.9	345	0.68	0.05	12.8	0.253	1.46	4.4
M899589		17.8	95.0	<0.002	0.24	1.68	11.3	<1	2.0	388	0.61	0.05	10.7	0.293	1.28	2.7
M899590		17.9	97.3	0.003	0.23	1.62	11.1	1	2.0	395	0.62	0.06	11.0	0.299	1.43	3.1
M899591		27.3	93.7	0.004	0.36	1.88	9.9	1	2.0	339	0.57	0.09	10.3	0.265	1.50	3.4
M899592		16.7	83.2	0.002	0.01	0.81	10.8	1	1.5	394	0.64	<0.05	12.3	0.271	0.89	3.2
M899593		16.4	95.4	<0.002	0.04	0.84	10.9	<1	1.7	396	0.54	0.05	10.8	0.275	1.08	2.4
M899594		4050	175.0	0.004	0.61	63.8	14.5	4	19.7	385	0.75	0.32	7.1	0.428	2.07	3.4
M899595		17.5	90.4	0.003	0.09	1.05	11.3	1	1.9	406	0.51	<0.05	11.3	0.276	1.11	2.3
M899596		18.6	96.8	<0.002	0.06	3.12	10.5	1	1.6	377	0.58	<0.05	12.6	0.253	1.14	3.4
M899597		18.2	124.5	<0.002	0.71	1.77	9.8	1	1.9	315	0.64	0.10	12.6	0.242	1.81	4.9
M899598		17.2	103.5	<0.002	0.13	1.06	9.8	1	1.5	413	0.64	<0.05	15.2	0.239	1.08	5.1
M899599		17.0	93.6	<0.002	0.03	1.33	11.4	1	1.6	392	0.63	<0.05	16.0	0.275	1.04	3.6
M899600		16.6	183.0	<0.002	1.91	5.89	9.7	<1	3.4	137.5	0.71	0.72	12.2	0.228	2.53	4.2
M899601		1.4	1.9	<0.002	<0.01	<0.05	0.3	1	0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M899602		11.8	144.5	<0.002	1.56	1.76	10.0	1	2.6	187.0	0.52	0.28	11.5	0.237	2.02	3.2
M899603		13.1	131.0	<0.002	0.67	2.00	10.7	<1	2.4	293	0.63	0.16	14.9	0.266	1.58	3.3
M899604		19.2	94.6	<0.002	0.14	1.39	10.2	<1	1.9	387	0.58	0.09	13.1	0.272	1.26	3.8
M899605		19.3	135.5	<0.002	0.47	1.51	10.6	1	2.3	367	0.54	0.24	12.8	0.250	1.56	3.1
M899606		21.1	119.0	<0.002	0.15	1.73	11.6	1	2.2	385	0.82	0.05	18.0	0.259	1.25	5.6
M899607		16.8	121.5	<0.002	0.41	1.61	12.3	1	2.2	385	0.68	0.10	14.5	0.274	1.28	4.2
M899608		19.7	115.5	<0.002	0.32	1.06	12.5	1	2.0	438	0.63	0.12	13.2	0.282	1.14	4.0
M899609		19.7	108.5	<0.002	0.61	1.44	13.0	2	2.3	392	0.69	0.15	13.9	0.279	1.18	3.9
M899610		19.3	124.5	<0.002	1.21	1.74	13.4	2	2.5	367	0.76	0.17	13.0	0.306	1.39	4.2
M899611		19.2	107.5	<0.002	0.40	1.92	12.1	1	2.1	401	0.70	0.10	12.1	0.280	1.29	3.5
M899612		29.2	118.5	<0.002	0.46	5.09	12.0	1	2.6	152.5	0.63	0.06	9.6	0.275	1.79	2.9
M899613		16.5	142.0	<0.002	0.09	11.70	12.1	1	1.7	371	0.64	<0.05	9.1	0.276	1.84	2.8
M899614		17.1	111.5	<0.002	0.57	8.16	11.6	1	2.1	248	0.61	0.48	10.6	0.260	1.46	3.0
M899615		15.4	95.6	0.002	0.44	2.08	11.1	1	2.2	371	0.60	0.86	10.4	0.283	1.28	3.0
M899616		15.7	95.7	0.003	0.41	1.84	10.9	<1	2.2	374	0.56	0.45	11.6	0.275	1.29	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12164247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899581		76	0.8	15.1	51	16.7
M899582		75	2.1	12.7	249	16.6
M899583		77	0.8	16.4	40	19.3
M899584		75	4.9	11.3	558	16.8
M899585		5	0.1	0.7	15	<0.5
M899586		76	1.0	14.9	38	17.4
M899587		143	3.5	17.6	2370	61.8
M899588		73	1.9	15.2	39	20.1
M899589		82	1.3	16.5	47	20.4
M899590		84	1.4	16.2	47	19.4
M899591		75	2.3	13.3	67	18.1
M899592		78	0.6	15.7	42	18.1
M899593		77	0.6	15.7	41	18.7
M899594		138	3.7	18.1	2300	65.5
M899595		78	0.6	15.4	43	19.1
M899596		72	0.5	15.6	42	17.4
M899597		71	1.2	13.7	61	17.5
M899598		66	0.5	15.1	34	20.0
M899599		80	0.7	16.0	38	21.0
M899600		69	2.9	13.3	28	20.4
M899601		5	0.1	0.7	13	<0.5
M899602		69	1.8	15.0	28	19.4
M899603		75	1.2	16.6	35	22.7
M899604		75	1.1	15.1	38	19.3
M899605		70	1.5	15.7	37	18.8
M899606		75	2.7	19.8	40	24.0
M899607		79	2.6	19.3	39	23.0
M899608		82	4.5	18.9	42	20.7
M899609		81	1.4	19.7	39	21.1
M899610		89	1.8	19.8	44	24.2
M899611		81	3.9	17.9	47	21.4
M899612		79	3.5	15.1	98	19.1
M899613		80	2.2	13.7	41	21.0
M899614		76	2.2	15.2	46	20.1
M899615		78	2.2	14.5	40	19.4
M899616		76	2.2	14.3	39	18.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2012
Account: ROCKHA

Project: Klaza - 83

CERTIFICATE OF ANALYSIS WH12164247

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164248

Project: Klaza - 85

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

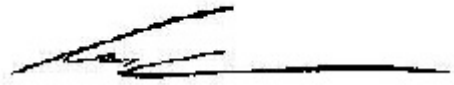
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12164248

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899617		4.07	<0.005	0.03	6.69	6.2	1980	1.24	0.29	3.20	0.16	45.0	7.1	7	38.8	22.9
M899618		4.58	0.588	1.13	6.94	112.5	1000	1.35	0.48	2.01	7.45	46.3	7.0	7	21.6	50.7
M899619		4.22	<0.005	0.04	7.49	11.1	1980	1.56	0.28	2.44	0.21	52.6	7.1	8	20.7	26.4
M899620		2.41	<0.005	0.04	7.28	12.2	1890	1.59	0.33	2.39	0.22	52.6	7.5	9	22.1	27.2
M899621		10.87	0.006	0.12	7.23	3.7	2120	1.70	0.25	2.72	1.09	55.9	7.6	10	15.50	31.5
M899622		7.25	0.005	0.09	7.09	4.7	2140	1.59	0.26	2.83	0.24	53.3	6.9	8	20.5	23.4
M899623		3.33	0.042	0.68	7.14	41.1	2190	1.63	0.73	2.08	2.87	53.0	6.8	7	21.7	58.5
M899624		3.31	0.059	1.14	7.41	72.0	1610	1.48	0.86	2.30	4.82	54.7	7.5	8	21.8	24.3
M899625		0.26	0.600	9.07	6.68	1805	520	1.35	6.58	1.95	39.4	43.2	16.2	18	16.05	113.0
M899626		5.17	<0.005	0.15	7.18	8.2	2320	1.65	0.30	2.83	0.17	42.7	7.8	11	14.80	15.2
M899627		3.37	0.042	0.88	6.92	16.8	1870	1.57	1.31	3.10	6.87	49.3	7.3	8	21.1	22.6
M899628		5.44	<0.005	0.16	7.70	18.7	2230	1.77	0.21	2.39	0.23	44.3	6.1	9	26.7	15.8
M899629		6.84	0.005	0.50	6.84	43.4	1380	1.36	0.23	1.97	9.37	37.2	5.7	9	13.40	13.5
M899630		3.61	<0.005	0.17	6.54	31.0	1750	1.26	0.21	3.56	0.85	36.3	5.8	9	15.50	9.0
M899631		4.04	<0.005	0.20	7.80	12.6	1810	1.31	0.18	1.33	0.59	38.5	5.9	9	24.1	12.6
M899632		6.28	0.005	0.44	5.23	11.8	1050	1.59	0.30	1.73	2.45	68.7	3.9	6	11.35	17.1
M899633		3.59	0.244	5.49	4.50	138.5	310	1.43	2.13	2.27	51.8	56.3	46.2	7	8.90	162.5
M899634		8.14	0.010	0.46	7.19	18.4	1670	1.70	0.21	2.61	3.10	46.7	5.3	9	20.1	15.6
M899635		8.81	<0.005	0.22	7.20	8.5	1900	1.56	0.15	2.46	2.54	43.9	7.3	11	19.80	5.6
M899636		4.27	0.068	0.98	6.91	39.2	1790	1.76	0.22	2.53	20.4	41.9	6.9	9	22.0	21.7
M899637		4.73	0.005	0.21	5.18	18.9	240	3.58	0.65	1.84	0.61	11.75	0.9	2	16.20	2.8
M899638		0.28	0.843	10.20	6.36	1830	350	1.54	6.09	1.88	42.6	41.9	16.6	20	15.60	106.0
M899639		4.62	<0.005	0.13	5.94	11.1	280	3.52	0.23	1.04	0.12	13.70	0.3	2	18.45	1.4
M899640		10.96	<0.005	0.05	5.72	14.6	210	3.52	0.26	1.23	0.09	11.80	0.1	2	18.40	0.8
M899641		9.38	0.007	0.28	5.29	29.8	250	3.96	0.43	1.82	1.10	11.55	0.4	2	20.5	4.1
M899642		4.56	0.112	1.88	6.77	68.1	1160	3.17	1.68	2.54	13.15	41.4	5.9	8	20.2	83.2
M899643		3.38	<0.005	0.08	0.09	<5	20	0.08	0.03	21.8	0.09	1.20	0.7	1	0.35	2.1
M899644		3.54	0.063	2.26	6.75	86.8	1230	1.92	1.33	2.64	9.47	69.6	5.6	9	15.65	50.7
M899645		3.49	0.064	3.99	7.06	104.5	1530	1.84	0.61	3.32	15.60	50.7	6.1	8	21.7	34.8
M899646		6.75	0.065	2.33	7.45	128.5	1270	1.50	0.56	2.40	10.65	48.0	6.8	10	21.9	22.8
M899647		3.67	<0.005	0.10	0.18	<5	40	0.09	0.03	21.2	0.07	1.24	1.1	3	0.35	2.1
M899648		11.74	0.119	1.65	7.39	90.4	1710	1.58	1.62	2.12	4.18	46.7	6.0	11	21.2	37.4
M899649		4.49	0.016	0.24	7.69	12.1	1980	1.53	0.31	3.13	0.16	46.8	5.7	11	13.65	6.8
M899650		<0.02	0.016	0.20	7.57	12.5	1980	1.59	0.33	3.08	0.14	49.3	5.4	11	13.95	7.3
N810001		9.79	0.017	0.35	7.32	21.0	2290	1.55	0.62	1.60	2.02	35.6	5.4	11	16.50	5.2
N810002		6.21	0.177	1.60	6.73	47.3	1950	1.77	1.63	1.87	23.2	48.0	6.0	9	20.7	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12164248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899617		2.95	15.90	0.09	1.3	0.049	2.61	20.8	55.1	0.63	612	1.41	0.94	8.7	2.8	580
M899618		3.29	15.30	0.10	1.2	0.275	2.09	22.3	86.8	0.62	1090	1.36	0.08	8.2	2.8	560
M899619		3.07	16.70	0.15	1.3	0.054	2.68	25.0	35.3	0.59	658	1.51	1.65	9.3	2.9	620
M899620		3.13	16.70	0.14	1.4	0.061	2.62	24.6	32.4	0.61	673	1.76	1.59	9.7	3.3	630
M899621		3.03	16.65	0.14	1.3	0.057	2.71	26.9	15.3	0.71	620	2.10	2.28	9.4	3.2	600
M899622		3.18	15.80	0.15	1.2	0.053	2.75	26.3	15.3	0.64	528	2.14	1.62	9.0	3.0	580
M899623		3.25	15.20	0.14	1.1	0.270	2.79	27.5	22.5	0.58	516	2.28	1.30	8.0	2.9	560
M899624		4.37	15.15	0.16	1.1	0.100	3.10	28.3	23.6	0.62	1540	3.39	0.82	7.9	2.7	580
M899625		5.44	14.30	0.15	1.4	0.929	2.95	21.5	22.7	0.71	2010	11.00	0.27	7.8	17.4	500
M899626		3.17	17.15	0.10	1.2	0.063	2.96	22.0	11.0	0.65	586	19.20	2.12	8.7	2.8	630
M899627		4.02	15.95	0.13	1.1	0.161	2.64	25.8	20.4	0.53	661	11.75	1.04	7.7	2.4	550
M899628		3.31	16.25	0.13	1.2	0.050	2.74	23.2	18.1	0.59	423	2.86	1.53	8.5	2.6	630
M899629		2.52	16.35	0.12	1.3	0.100	2.50	17.7	37.3	0.45	431	2.95	0.26	8.1	2.4	540
M899630		3.05	16.35	0.16	1.2	0.051	2.71	17.2	25.4	0.41	580	2.90	0.27	8.0	2.4	570
M899631		2.75	16.75	0.13	1.2	0.055	2.75	19.2	36.8	0.42	608	2.21	0.09	8.2	2.2	650
M899632		1.63	10.25	0.12	2.3	0.084	2.41	42.1	15.2	0.63	805	3.85	0.04	5.4	1.3	70
M899633		5.54	10.55	0.14	1.0	0.765	2.04	36.1	30.9	0.92	1520	9.39	0.04	4.1	4.0	220
M899634		3.23	17.40	0.14	1.1	0.097	2.51	23.3	20.0	0.49	728	4.51	1.07	8.5	2.3	610
M899635		3.25	16.80	0.12	1.2	0.068	2.66	22.4	18.0	0.61	777	3.04	1.82	8.0	2.5	590
M899636		3.74	15.55	0.16	1.1	0.190	2.96	21.3	23.9	0.65	1260	3.44	1.03	7.6	2.5	570
M899637		0.70	18.60	0.09	2.9	0.048	2.08	5.0	117.0	0.20	634	1.11	0.05	25.4	0.6	50
M899638		5.27	15.30	0.14	1.4	0.912	2.84	21.9	25.9	0.70	2000	12.10	0.27	7.6	15.7	480
M899639		0.55	18.05	0.08	3.3	0.022	1.91	6.1	121.0	0.13	442	0.32	0.03	24.8	0.6	30
M899640		0.50	20.6	0.07	3.4	0.035	1.72	4.7	172.0	0.16	566	0.35	0.03	28.4	0.4	10
M899641		0.64	18.35	0.09	3.1	0.046	2.37	4.9	112.0	0.19	592	1.24	0.05	26.1	0.5	30
M899642		3.53	16.65	0.14	1.3	1.205	3.36	22.0	34.1	0.68	1860	13.95	0.06	12.7	2.8	510
M899643		0.52	0.27	0.07	<0.1	0.008	0.04	0.6	1.4	13.30	234	0.21	0.01	0.2	1.9	190
M899644		3.70	15.45	0.15	1.1	0.481	3.08	40.7	15.0	1.01	2680	3.13	0.05	7.4	2.8	520
M899645		4.64	15.50	0.14	1.0	0.515	3.07	27.4	17.4	1.47	2690	4.73	0.03	7.3	2.7	520
M899646		4.36	16.20	0.17	1.1	0.445	3.04	26.3	37.6	0.97	2840	2.50	0.05	7.2	2.6	560
M899647		0.50	0.39	0.05	<0.1	0.005	0.08	0.6	1.5	13.05	219	0.15	0.01	0.3	2.5	190
M899648		4.12	18.05	0.14	1.1	0.248	3.09	24.7	25.4	0.69	1090	2.76	0.93	8.5	2.9	630
M899649		3.00	17.05	0.14	1.1	0.052	3.07	23.7	14.6	0.66	588	2.81	1.57	8.0	2.6	620
M899650		3.01	17.00	0.15	1.2	0.057	2.99	24.5	15.2	0.65	583	2.81	1.57	8.2	2.7	620
N810001		2.40	17.15	0.13	1.1	0.096	3.29	16.7	47.8	0.65	589	4.37	0.06	7.4	2.6	600
N810002		3.42	15.70	0.14	1.0	1.090	2.47	24.7	65.5	0.77	1000	5.59	0.04	7.4	3.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12164248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899617		22.0	94.1	<0.002	0.02	3.29	11.6	2	2.2	231	0.76	<0.05	12.5	0.255	1.30	4.2
M899618		112.5	73.7	<0.002	0.49	38.0	10.8	2	2.5	110.5	0.77	0.21	13.1	0.240	1.42	6.6
M899619		20.2	103.0	<0.002	0.03	12.75	12.0	2	2.3	296	0.83	<0.05	13.6	0.264	1.25	4.0
M899620		19.2	102.0	<0.002	0.05	12.30	12.6	2	2.5	282	0.84	<0.05	13.6	0.269	1.29	4.5
M899621		73.8	106.0	<0.002	0.02	1.73	12.4	2	2.6	366	0.82	<0.05	14.1	0.263	1.21	4.8
M899622		24.8	104.0	<0.002	0.02	4.52	11.4	2	2.6	294	0.77	<0.05	13.7	0.254	1.25	8.5
M899623		76.0	116.0	<0.002	0.44	8.26	10.9	2	2.7	249	0.70	<0.05	14.0	0.240	1.55	4.0
M899624		444	130.0	<0.002	0.56	6.52	10.7	2	3.5	184.0	0.70	0.05	14.3	0.247	2.15	9.6
M899625		1365	139.5	0.002	3.16	33.3	8.8	2	5.8	144.5	0.68	0.27	12.2	0.212	2.61	5.8
M899626		19.0	104.0	0.002	0.08	3.70	10.5	<1	2.6	345	0.66	<0.05	10.1	0.277	1.28	3.5
M899627		107.0	105.0	0.004	0.21	5.87	8.8	1	2.9	200	0.61	<0.05	10.3	0.253	1.43	10.5
M899628		18.2	110.0	0.002	0.04	4.41	11.1	<1	2.5	299	0.66	<0.05	12.6	0.281	1.18	3.4
M899629		132.0	101.5	<0.002	0.12	13.55	8.4	<1	2.5	110.5	0.76	0.05	11.0	0.240	1.46	3.1
M899630		25.9	92.3	<0.002	0.03	6.57	8.8	<1	2.6	121.5	0.65	<0.05	10.1	0.257	1.26	5.4
M899631		33.7	110.0	0.002	0.01	17.00	11.1	1	3.0	107.0	0.62	<0.05	11.5	0.289	1.21	2.3
M899632		107.0	145.5	0.002	0.19	12.60	2.1	<1	1.4	59.1	1.11	<0.05	32.9	0.040	1.91	7.0
M899633		1050	139.5	0.004	3.86	55.5	3.8	1	7.2	43.5	0.46	0.22	8.8	0.094	1.55	4.3
M899634		120.5	105.5	<0.002	0.08	10.15	11.0	1	3.4	203	0.61	<0.05	10.6	0.270	1.42	3.4
M899635		158.5	115.0	<0.002	0.07	2.84	10.5	1	2.7	320	0.60	<0.05	10.9	0.265	1.50	3.2
M899636		519	134.0	0.003	0.34	5.09	9.5	1	2.6	252	0.55	<0.05	11.0	0.246	2.08	5.6
M899637		60.4	129.5	<0.002	0.06	6.67	2.9	1	3.0	152.0	2.24	<0.05	13.5	0.050	1.50	9.5
M899638		1310	156.5	0.002	3.11	34.8	8.7	2	6.1	150.5	0.58	0.32	11.3	0.210	2.57	5.0
M899639		40.1	145.0	<0.002	0.01	5.73	2.7	1	2.7	75.4	2.35	<0.05	18.8	0.033	1.23	3.5
M899640		41.8	123.5	<0.002	0.01	6.24	2.9	1	3.0	76.8	2.47	<0.05	16.2	0.032	1.11	5.0
M899641		82.9	149.0	<0.002	0.05	4.90	2.7	<1	3.1	153.0	2.27	<0.05	14.5	0.038	1.63	12.9
M899642		301	203	0.002	0.91	13.25	9.3	1	5.5	197.5	0.70	0.05	11.5	0.215	2.77	30.9
M899643		1.9	2.6	0.002	0.01	0.11	0.4	<1	0.2	43.4	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M899644		557	189.0	<0.002	0.88	9.07	9.6	1	6.0	115.5	0.55	0.06	11.8	0.220	2.71	7.3
M899645		482	188.0	0.002	0.83	14.05	9.7	1	6.0	133.5	0.54	<0.05	12.7	0.228	3.37	14.5
M899646		491	168.5	0.002	0.69	13.05	9.7	1	5.4	131.5	0.56	0.05	13.1	0.247	2.62	8.9
M899647		2.3	2.8	<0.002	0.02	0.10	0.3	<1	0.2	39.3	<0.05	<0.05	<0.2	0.008	0.04	0.4
M899648		137.0	148.5	<0.002	0.80	8.47	11.5	1	5.4	200	0.60	0.10	11.8	0.269	1.98	3.7
M899649		16.9	148.5	<0.002	0.14	4.68	10.7	1	2.7	284	0.61	<0.05	12.5	0.271	1.80	3.8
M899650		17.3	145.5	<0.002	0.14	4.73	11.0	1	2.6	280	0.63	<0.05	12.6	0.272	1.81	3.7
N810001		126.5	158.0	<0.002	0.16	18.00	10.5	1	2.5	76.7	0.59	<0.05	11.6	0.267	2.26	6.2
N810002		426	103.5	<0.002	0.60	19.50	10.6	1	3.3	110.0	0.53	0.07	11.2	0.232	1.75	8.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12164248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899617		69	5.6	18.1	56	36.6
M899618		66	3.4	17.6	556	32.9
M899619		71	1.5	20.1	56	37.1
M899620		74	1.6	20.6	57	38.0
M899621		73	1.5	21.5	116	35.4
M899622		68	5.4	21.4	69	33.5
M899623		66	1.8	16.9	260	30.9
M899624		66	6.6	17.6	441	30.0
M899625		58	5.3	12.4	3050	40.2
M899626		73	1.7	14.8	49	33.8
M899627		65	3.4	16.5	510	27.8
M899628		75	2.9	15.3	67	32.3
M899629		64	3.2	11.8	587	34.0
M899630		68	2.2	16.6	162	31.4
M899631		76	4.7	13.0	90	31.0
M899632		11	2.2	12.0	184	49.7
M899633		32	4.0	11.1	4200	23.3
M899634		72	2.1	16.2	282	29.8
M899635		72	1.7	14.1	214	29.4
M899636		66	2.5	13.3	1340	26.0
M899637		6	2.2	11.1	81	56.1
M899638		56	5.4	10.6	3000	43.1
M899639		1	1.6	10.1	40	53.9
M899640		<1	1.7	12.1	38	59.7
M899641		3	1.9	11.0	117	59.2
M899642		63	4.6	14.3	1410	32.7
M899643		3	0.1	0.8	16	0.5
M899644		64	5.0	13.0	1040	28.6
M899645		63	5.4	13.2	1420	26.3
M899646		64	3.3	13.8	961	27.4
M899647		4	0.1	0.7	14	<0.5
M899648		73	3.9	14.1	360	32.6
M899649		73	1.5	15.3	45	27.4
M899650		72	1.6	15.3	46	29.4
N810001		74	2.4	12.4	188	26.2
N810002		69	3.3	13.9	1590	25.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12164248

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164249

Project: Klaza - 86

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

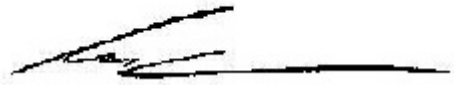
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12164249

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895549		2.11	<0.005	0.16	7.16	8.8	2680	1.73	0.36	2.58	0.32	41.5	5.5	11	10.20	11.5
M895550		1.77	0.033	0.14	7.35	6.8	2150	1.62	1.56	2.35	0.48	45.0	6.0	13	12.55	6.8
N811001		2.09	<0.005	0.26	7.32	19.0	2330	1.75	0.50	2.93	0.83	41.2	5.8	11	13.40	8.9
N811002		2.02	0.013	0.90	6.56	13.8	2030	1.46	8.13	3.23	0.45	36.6	6.9	10	14.50	23.6
N811003		3.24	<0.005	0.11	7.38	5.8	2170	1.62	0.35	2.55	0.14	44.6	5.7	13	11.25	3.1
N811004		0.26	2.37	24.5	5.99	2960	1140	1.28	18.95	2.19	77.5	40.2	10.1	20	12.80	433
N811005		1.66	<0.005	0.13	6.71	7.8	1850	1.43	0.30	2.69	0.19	45.1	8.6	10	10.90	3.2
N811006		1.91	0.212	1.66	6.76	89.9	1460	1.51	1.05	2.97	8.79	41.0	9.9	9	13.65	8.1
N811007		2.16	<0.005	0.03	0.11	<5	20	0.06	0.04	21.0	0.06	1.03	0.8	3	0.48	1.9
N811008		4.53	<0.005	0.21	7.16	15.5	2450	1.67	0.96	2.17	0.27	45.7	5.9	9	14.30	9.1
N811009		5.25	<0.005	0.14	6.65	10.3	2000	1.69	0.28	2.55	0.96	38.2	5.8	11	11.30	10.3
N811010		1.77	0.292	1.01	7.01	50.6	1740	1.68	0.78	2.46	22.1	39.6	7.2	9	15.70	25.3
N811011		2.66	<0.005	0.06	6.62	12.3	1150	2.04	0.27	3.11	0.16	50.3	4.8	12	19.20	3.5
N811012		5.98	<0.005	0.03	6.45	11.5	1210	2.24	0.11	3.45	0.11	48.9	4.6	18	20.4	2.6
N811013		<0.02	<0.005	0.03	6.39	12.5	1210	2.34	0.10	3.42	0.10	48.4	4.7	17	20.7	2.2
N811014		4.06	<0.005	0.04	7.08	20.2	1430	2.03	0.25	2.83	0.10	56.6	4.2	8	21.4	6.7
N811015		0.26	0.776	8.85	6.80	1545	1100	1.32	7.35	1.90	42.9	41.9	15.2	20	16.10	106.5
N811016		2.96	<0.005	0.16	7.50	116.0	2630	1.94	0.20	2.68	0.18	68.8	4.7	8	28.0	15.5
N811017		2.12	<0.005	0.11	7.12	11.3	1550	1.70	0.19	2.76	0.44	63.9	4.9	12	25.6	9.8
N811018		2.24	0.021	0.68	6.68	39.2	2480	1.29	0.84	2.34	5.61	39.9	10.0	10	15.75	18.4
N811019		2.67	<0.005	0.05	0.13	<5	30	0.10	0.03	19.75	0.08	1.09	0.6	2	1.93	1.7
N811020		1.87	0.018	1.28	7.15	183.5	1750	1.23	1.66	2.23	4.38	48.3	9.3	9	14.20	41.4
N811021		3.06	0.007	1.29	7.57	14.8	2390	1.16	0.91	2.59	0.32	48.1	4.6	9	14.75	17.2
N811022		1.72	0.030	0.51	7.22	31.0	2060	1.31	1.43	2.46	0.39	41.4	6.3	9	9.10	22.9
N811023		2.07	0.056	1.90	7.11	230	1330	1.21	2.82	2.62	9.15	53.2	11.8	10	9.48	32.1
N811024		1.93	0.006	0.53	8.00	14.2	2890	1.40	1.01	2.34	0.78	54.3	8.8	10	9.29	15.8
N811025		2.31	0.006	0.27	7.60	10.3	2330	1.24	0.42	2.65	0.27	39.9	7.6	12	5.26	36.9
N811026		1.23	0.009	0.37	7.94	14.3	2400	1.41	0.42	2.65	0.19	51.9	6.3	12	6.15	67.5
N811027		3.92	0.005	0.25	7.87	31.4	2280	1.59	0.51	2.28	0.34	54.8	6.6	13	5.74	34.7
N811028		3.54	0.010	0.15	7.65	15.3	2170	1.26	0.40	2.32	0.27	50.8	8.2	12	5.69	12.8
N811029		3.46	<0.005	0.20	7.27	13.1	2100	1.58	1.10	2.44	0.22	48.3	11.7	11	5.84	5.7
N811030		3.66	<0.005	0.10	7.17	10.5	2110	1.27	0.34	2.65	0.39	42.1	7.4	11	5.71	5.8
N811031		3.94	<0.005	0.13	7.63	9.8	2770	1.40	0.44	2.35	0.24	50.2	5.3	11	4.46	4.7
N811032		3.65	0.009	0.30	7.59	27.8	2150	1.49	0.44	2.55	0.39	48.1	4.7	12	5.75	8.0
N811033		2.06	0.017	0.35	7.26	19.0	2060	1.40	0.60	2.41	0.28	49.1	10.8	11	7.10	6.7
N811034		3.09	<0.005	0.12	7.58	8.2	1950	1.65	0.36	2.52	0.20	56.2	7.3	11	9.81	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12164249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895549		2.94	15.05	0.09	1.3	0.051	2.69	18.7	14.4	0.65	584	1.12	1.91	7.6	2.9	540
M895550		2.99	15.90	0.10	1.2	0.055	2.65	23.1	21.2	0.67	537	1.00	2.00	7.9	3.3	570
N811001		3.09	16.65	0.11	1.1	0.060	2.55	18.9	30.4	0.82	654	1.00	1.92	8.0	3.0	600
N811002		3.09	15.05	0.11	1.0	0.084	2.45	16.6	42.5	0.87	724	1.11	1.66	7.5	3.1	550
N811003		2.89	15.50	0.09	1.3	0.045	2.76	20.4	27.6	0.69	532	0.87	2.05	7.5	2.8	580
N811004		6.75	13.15	0.10	0.9	1.515	2.56	22.9	22.0	0.90	1860	12.25	0.05	5.5	14.5	430
N811005		2.71	14.60	0.09	1.3	0.043	2.69	23.0	25.6	0.67	552	0.79	1.90	7.0	2.7	490
N811006		3.93	14.60	0.10	0.9	0.184	2.62	20.4	22.4	0.86	1650	1.16	0.97	6.9	2.8	520
N811007		0.49	0.25	<0.05	<0.1	0.005	0.05	0.5	1.4	12.50	213	0.19	0.01	0.1	2.8	160
N811008		2.81	15.50	0.11	1.4	0.081	2.75	21.3	25.2	0.66	579	0.91	0.73	8.0	2.6	520
N811009		2.67	14.90	0.11	1.4	0.056	2.57	17.5	16.9	0.64	576	1.07	1.93	8.1	2.8	520
N811010		3.38	15.10	0.09	1.1	0.136	2.87	17.1	47.5	0.76	1760	1.55	0.89	7.3	3.4	560
N811011		2.33	17.55	0.12	2.9	0.030	2.30	25.2	22.5	0.70	484	0.63	1.11	10.5	4.9	960
N811012		2.42	17.35	0.10	2.1	0.028	2.40	22.9	34.1	0.75	514	0.83	0.88	10.0	4.8	990
N811013		2.44	17.80	0.11	2.0	0.026	2.43	21.7	34.8	0.75	505	0.89	0.88	10.2	5.1	970
N811014		2.33	18.10	0.13	1.9	0.030	2.58	27.8	51.4	0.69	503	0.75	0.66	10.1	3.1	940
N811015		5.49	13.65	0.14	1.3	0.911	2.79	22.6	23.2	0.72	2010	10.90	0.26	6.7	14.8	510
N811016		2.23	18.40	0.15	2.0	0.036	2.84	40.2	67.8	0.82	484	1.00	0.07	11.3	3.4	990
N811017		2.45	17.35	0.14	2.9	0.030	2.73	34.5	35.3	0.79	573	0.77	0.28	11.1	4.7	1040
N811018		3.25	14.20	0.12	1.0	0.111	2.70	20.8	44.3	0.70	791	1.56	1.03	6.7	3.2	580
N811019		0.49	0.38	0.09	<0.1	<0.005	0.07	0.6	1.9	12.85	219	0.15	0.01	0.5	1.8	170
N811020		3.45	14.25	0.14	0.9	0.142	2.89	25.9	20.3	0.80	947	0.99	1.42	6.5	3.3	580
N811021		3.16	15.20	0.17	0.9	0.089	2.87	24.8	32.0	0.79	786	1.23	1.42	7.7	3.1	630
N811022		3.62	15.25	0.11	0.8	0.118	2.72	20.5	24.1	0.83	1000	1.66	1.78	7.1	3.2	620
N811023		3.71	15.55	0.14	1.0	0.330	2.29	28.8	22.3	0.85	1130	9.44	1.81	6.7	3.7	560
N811024		3.13	15.20	0.15	1.3	0.094	3.36	30.0	31.4	0.83	828	1.08	1.58	7.6	2.8	630
N811025		3.60	15.45	0.12	1.0	0.062	2.75	20.4	16.4	0.91	691	0.86	2.08	7.8	2.9	670
N811026		3.47	16.30	0.13	0.9	0.075	2.76	28.4	17.0	0.91	659	1.26	2.07	7.9	3.2	650
N811027		3.22	16.25	0.14	1.1	0.065	2.79	30.3	14.9	0.84	631	1.74	2.26	8.0	2.9	610
N811028		3.18	15.55	0.13	1.0	0.057	2.83	28.7	12.7	0.81	549	0.97	2.19	7.7	3.2	590
N811029		3.26	16.50	0.14	1.0	0.059	2.74	27.2	12.4	0.76	610	1.49	2.14	8.4	3.1	590
N811030		3.11	15.00	0.11	1.0	0.060	2.77	21.5	13.2	0.75	635	0.74	2.22	7.6	2.8	570
N811031		3.05	14.45	0.15	0.9	0.045	2.99	28.7	13.7	0.82	583	0.77	1.95	7.0	2.6	590
N811032		3.18	17.10	0.14	1.0	0.076	2.61	25.4	12.7	0.84	633	2.38	2.27	8.3	3.2	600
N811033		3.18	15.50	0.14	1.1	0.071	2.59	24.6	12.8	0.76	610	2.61	2.18	8.0	3.7	600
N811034		3.09	18.20	0.14	1.2	0.074	2.56	30.3	16.5	0.85	629	1.07	2.20	9.4	3.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12164249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M895549		43.0	91.3	<0.002	0.39	2.00	9.7	<1	1.7	390	0.75	0.07	12.4	0.235	1.13	3.7
M895550		41.6	91.1	<0.002	0.10	2.05	10.5	<1	1.5	392	0.61	0.05	11.9	0.250	1.02	3.2
N811001		76.7	82.7	0.002	0.27	2.21	10.3	<1	1.7	418	0.61	0.11	10.5	0.256	1.14	3.5
N811002		41.2	75.9	<0.002	0.27	2.67	9.2	<1	1.6	386	0.60	0.49	8.7	0.238	1.14	2.9
N811003		19.8	93.8	<0.002	0.04	1.74	9.9	<1	1.6	416	0.63	0.12	13.3	0.248	1.07	3.2
N811004		2780	150.0	<0.002	4.86	93.7	7.6	<1	7.6	92.1	0.42	0.41	10.3	0.178	2.23	5.0
N811005		18.9	83.5	<0.002	0.09	1.84	8.6	<1	1.5	379	0.52	0.06	18.7	0.223	1.02	3.2
N811006		327	117.0	<0.002	1.60	6.06	10.0	<1	2.5	283	0.50	0.20	11.0	0.222	1.43	3.8
N811007		1.6	2.8	<0.002	0.01	0.05	0.3	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811008		20.8	110.0	<0.002	0.26	5.04	10.2	1	2.2	237	0.70	0.34	12.8	0.239	1.30	3.2
N811009		52.9	87.6	<0.002	0.06	2.06	8.9	1	2.1	369	0.75	0.06	11.4	0.231	1.09	3.4
N811010		154.5	116.5	<0.002	0.86	4.70	9.8	1	4.5	331	0.57	0.09	11.5	0.232	1.53	3.0
N811011		14.7	71.4	<0.002	0.10	2.83	4.8	<1	1.9	599	0.67	<0.05	7.4	0.263	1.17	3.0
N811012		14.3	69.0	<0.002	0.01	1.95	4.9	<1	1.7	574	0.67	<0.05	6.9	0.252	1.17	4.2
N811013		14.5	65.4	0.003	0.01	1.97	4.9	<1	1.7	576	0.67	<0.05	6.5	0.252	1.17	4.0
N811014		12.6	89.8	<0.002	0.04	2.21	5.0	<1	2.3	430	0.69	0.05	8.5	0.242	1.28	3.0
N811015		1370	169.5	0.002	3.18	29.9	7.9	1	5.3	144.5	0.59	0.31	12.9	0.210	2.61	6.0
N811016		16.5	128.5	<0.002	0.07	3.92	5.2	2	4.8	356	0.81	<0.05	11.8	0.269	1.76	4.2
N811017		16.9	107.0	0.002	0.04	3.88	5.1	2	3.3	340	0.75	0.05	9.7	0.285	1.54	3.9
N811018		93.2	122.5	<0.002	0.53	5.10	8.5	2	3.0	290	0.58	0.15	12.0	0.227	1.71	3.7
N811019		1.3	7.0	<0.002	0.01	0.09	0.3	1	0.2	41.7	<0.05	<0.05	<0.2	<0.005	0.05	0.8
N811020		77.6	167.5	<0.002	0.65	5.41	10.5	1	2.4	309	0.59	0.34	12.7	0.233	2.02	4.3
N811021		22.0	143.0	<0.002	0.21	4.30	10.4	3	2.7	346	0.62	0.65	13.5	0.270	1.76	3.9
N811022		24.5	139.0	<0.002	0.45	4.57	9.9	1	2.3	286	0.55	0.26	10.8	0.254	1.96	4.3
N811023		252	176.5	<0.002	1.03	5.64	10.7	2	5.0	162.0	0.61	0.38	13.9	0.215	2.17	3.7
N811024		26.7	187.0	<0.002	0.18	4.19	10.3	2	2.2	302	0.66	0.15	16.6	0.255	2.14	5.2
N811025		20.7	108.0	<0.002	0.27	2.00	10.4	2	2.1	404	0.62	0.09	10.7	0.300	1.54	3.5
N811026		21.4	142.0	<0.002	0.23	2.17	11.8	2	2.1	411	0.59	0.11	14.1	0.284	1.61	4.4
N811027		24.2	138.0	0.002	0.17	2.02	10.7	3	1.7	369	0.71	0.09	15.9	0.262	1.45	4.6
N811028		22.6	131.5	<0.002	0.19	1.90	10.0	2	1.7	391	0.64	0.05	15.8	0.257	1.41	4.3
N811029		24.1	124.0	<0.002	0.23	2.04	10.5	2	1.8	362	0.69	0.38	14.4	0.254	1.42	4.0
N811030		24.1	104.5	<0.002	0.06	2.27	9.4	1	1.6	365	0.61	0.09	12.2	0.256	1.36	2.9
N811031		20.9	138.5	<0.002	0.04	7.17	9.7	2	1.6	409	0.56	0.09	18.1	0.254	1.56	4.2
N811032		25.2	131.0	<0.002	0.08	2.64	11.2	3	1.9	395	0.70	0.14	14.4	0.260	1.43	4.9
N811033		26.6	113.0	<0.002	0.27	2.00	10.3	2	1.8	366	0.67	0.18	13.6	0.258	1.25	3.5
N811034		20.6	112.5	<0.002	0.04	2.15	12.2	2	1.9	376	0.77	0.12	16.5	0.268	1.37	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12164249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M895549		65	1.4	14.2	70	29.4
M895550		67	1.1	14.4	80	32.4
N811001		69	1.1	14.5	115	31.1
N811002		67	1.5	13.3	82	27.3
N811003		66	0.9	13.7	50	31.3
N811004		55	5.3	8.9	5420	24.8
N811005		60	1.0	12.1	46	33.7
N811006		63	2.1	13.7	603	22.6
N811007		1	0.2	0.7	17	<0.5
N811008		63	3.6	14.6	64	33.8
N811009		62	2.1	13.5	108	32.4
N811010		64	3.0	14.5	1370	25.7
N811011		44	1.5	9.8	63	102.5
N811012		45	0.9	9.3	68	59.3
N811013		45	1.0	9.4	66	62.4
N811014		40	0.9	10.7	65	52.5
N811015		58	5.0	11.0	2960	30.5
N811016		42	1.2	13.1	61	46.3
N811017		46	2.1	12.2	84	94.9
N811018		69	2.0	12.6	276	22.1
N811019		2	0.1	0.8	12	<0.5
N811020		72	2.3	14.3	258	17.5
N811021		73	1.7	15.3	67	19.1
N811022		74	2.1	14.8	81	16.2
N811023		62	3.5	15.4	422	20.3
N811024		73	5.5	16.2	103	23.3
N811025		85	1.7	16.2	70	18.2
N811026		79	1.8	18.5	61	17.4
N811027		74	1.6	17.6	64	20.9
N811028		70	1.5	16.8	54	20.6
N811029		70	1.6	16.9	57	20.3
N811030		71	1.4	15.5	65	20.5
N811031		70	1.1	16.3	60	17.1
N811032		72	1.4	18.0	64	19.0
N811033		70	2.2	16.5	57	20.5
N811034		73	1.1	19.8	52	26.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12164249

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE WH12165409

Project: Klaza - 82

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12165409

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899726		11.27	0.005	0.59	7.53	11.6	2080	1.17	1.61	1.59	2.05	81.6	5.4	11	11.60	32.2
M899727		5.33	0.042	2.75	6.14	34.2	2010	1.19	5.79	2.75	6.01	100.5	8.5	8	19.45	48.3
M899728		1.42	<0.005	0.03	0.19	6	40	0.09	0.07	20.9	0.09	1.46	1.0	6	0.50	1.6
M899729		11.16	0.007	0.30	6.41	16.8	1740	1.13	0.73	1.88	1.00	39.9	5.9	9	10.40	13.3
M899730		7.75	0.019	0.38	6.71	26.7	1330	1.28	0.76	1.66	4.54	65.9	5.7	8	18.50	27.6
M899731		4.50	0.124	1.76	6.81	290	1870	1.56	2.56	1.22	4.42	334	2.8	11	14.90	17.6
M899732		4.36	0.380	2.95	6.37	706	290	1.23	5.87	0.73	5.37	119.5	5.0	9	10.25	50.5
M899733		1.77	<0.005	0.06	0.15	11	30	0.08	0.04	20.6	0.06	1.89	0.7	3	0.76	4.9
M899734		4.96	0.063	4.14	7.50	51.8	770	1.50	7.06	1.85	6.13	89.9	4.6	9	12.20	101.5
M899735		6.90	0.079	1.84	7.34	127.5	1110	1.73	2.38	1.68	2.90	76.4	7.8	10	22.3	84.5
M899736		7.07	0.029	1.06	6.62	25.1	1310	1.36	1.43	1.82	3.13	55.1	8.7	11	10.35	6.4
M899737		10.01	0.009	0.31	7.69	17.1	2200	1.52	0.45	2.39	2.45	48.7	5.8	11	9.44	5.7
M899738		0.20	2.15	23.9	5.57	3110	1420	1.22	18.95	2.06	74.2	44.4	9.9	19	12.95	407
M899739		8.57	0.009	0.37	7.44	27.9	2020	1.51	0.39	2.32	2.13	49.3	6.1	12	12.25	5.8
M899740		8.85	0.350	1.60	7.24	630	720	1.58	2.39	1.76	8.73	53.4	4.9	9	13.50	22.0
M899741		4.26	0.739	1.58	7.35	1200	1280	1.50	2.04	2.38	5.97	55.4	5.5	8	16.00	22.6
M899742		4.69	0.906	1.48	7.24	1210	580	1.57	1.83	2.08	8.79	56.6	5.6	8	15.95	20.6
M899743		5.01	0.309	2.58	7.03	577	1090	1.47	2.70	1.25	16.65	57.0	7.0	8	20.9	35.2
M899744		13.94	0.015	0.42	6.95	40.4	1820	1.44	0.79	2.01	2.08	47.7	6.2	10	13.55	12.3
M899745		<0.02	0.014	0.39	7.31	40.3	1890	1.48	0.77	2.09	2.01	50.5	6.1	10	13.90	13.5
M899746		6.32	0.142	0.81	6.43	393	1630	1.48	1.55	2.30	5.44	48.5	8.8	11	10.75	9.6
M899747		9.68	0.144	0.81	7.17	840	1110	1.60	1.11	2.90	1.52	58.2	10.6	9	13.25	25.4
M899748		7.56	0.248	11.80	7.02	658	530	1.48	25.1	2.94	1.33	53.5	10.7	13	12.55	9.7
M899749		0.19	0.772	10.20	6.62	1830	1400	1.56	6.47	1.91	42.9	48.1	16.5	22	16.15	113.5
M899750		5.42	0.058	0.46	6.99	63.5	2260	1.52	1.19	3.19	2.90	56.6	8.5	9	14.35	4.4
N810401		11.22	0.011	0.20	6.94	23.4	1490	1.59	0.47	2.85	0.69	50.0	6.0	12	15.75	2.2
N810402		4.58	0.018	0.14	6.49	28.1	1700	1.49	0.36	3.46	0.75	47.5	4.3	9	14.70	3.2
N810403		2.00	0.023	0.14	6.32	27.6	1750	1.52	0.41	3.54	0.77	52.8	4.6	11	15.65	3.4
N810404		10.53	<0.005	0.14	6.81	10.5	1500	1.73	0.37	2.81	0.57	52.6	5.9	11	11.30	3.5
N810405		5.89	0.110	1.18	7.13	158.0	1330	1.75	1.97	2.44	20.6	72.5	4.5	10	14.55	19.2
N810406		4.89	0.021	0.32	7.23	37.3	1510	1.63	0.77	2.66	0.91	62.4	3.7	8	12.90	10.3
N810407		4.01	0.175	0.76	6.57	218	1680	1.63	1.23	3.36	2.56	140.0	2.7	7	13.70	15.8
N810408		6.70	0.147	0.55	7.34	310	1580	1.66	0.92	2.91	5.04	54.7	3.7	9	15.80	9.0
N810409		4.67	0.168	0.78	7.82	322	1240	1.60	1.55	2.37	2.08	56.9	4.2	10	18.85	13.6
N810410		8.90	0.100	0.36	7.17	451	1960	1.48	0.38	3.10	1.52	55.0	4.6	9	20.2	5.4
N810411		4.44	0.387	2.71	6.94	2000	720	1.44	4.69	2.73	22.8	62.2	4.7	9	18.00	48.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12165409

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899726		2.90	15.00	0.13	1.2	0.164	2.70	46.0	20.2	0.55	593	20.1	1.00	7.0	2.3	590
M899727		3.32	12.65	0.15	1.0	0.365	1.43	63.8	48.3	0.81	1240	16.85	0.03	5.6	2.5	440
M899728		0.49	0.40	0.07	<0.1	0.010	0.09	0.8	2.1	12.70	230	0.30	0.01	0.2	3.2	170
M899729		2.53	14.70	0.09	1.2	0.198	1.26	18.9	105.0	0.29	900	6.09	0.03	7.3	2.1	570
M899730		2.59	15.25	0.13	1.0	0.215	1.83	37.8	61.3	0.41	846	2.59	0.03	7.0	2.3	540
M899731		4.71	16.45	0.28	0.8	0.576	3.13	223	12.0	0.69	1960	5.25	0.04	5.2	1.3	540
M899732		5.03	15.00	0.15	0.8	0.384	3.08	76.8	10.6	0.47	1500	5.54	0.03	5.6	1.1	490
M899733		0.46	0.37	0.07	<0.1	0.010	0.07	1.0	1.6	12.40	207	0.15	0.01	0.3	2.9	180
M899734		3.67	15.80	0.16	0.9	0.474	2.92	56.2	20.4	0.94	1600	3.30	0.04	6.8	1.5	580
M899735		5.23	16.00	0.15	1.1	0.296	2.93	44.4	25.1	0.82	1520	1.66	0.04	6.6	2.5	550
M899736		3.43	12.80	0.13	0.8	0.246	2.95	33.3	11.5	0.86	1080	12.95	0.05	4.6	2.4	490
M899737		3.07	15.20	0.14	1.3	0.096	3.04	25.4	15.7	0.73	692	2.85	1.74	7.4	2.3	570
M899738		6.24	12.85	0.13	0.9	1.570	2.44	22.7	22.7	0.84	1740	11.65	0.04	5.5	15.2	390
M899739		3.09	15.15	0.12	1.2	0.069	2.96	23.3	15.4	0.69	608	2.17	1.64	7.6	2.4	590
M899740		5.00	15.15	0.13	1.2	0.308	3.23	28.7	8.3	0.87	2680	0.96	0.03	6.9	2.3	520
M899741		4.33	15.35	0.15	1.2	0.217	3.07	30.4	17.7	0.94	2750	1.00	0.03	7.4	2.5	560
M899742		4.47	15.70	0.15	1.3	0.353	3.03	28.8	24.5	0.78	2200	1.23	0.03	7.8	2.4	550
M899743		5.82	15.70	0.13	1.1	0.452	2.81	30.4	22.1	0.62	1440	1.48	0.02	6.9	2.4	480
M899744		2.94	15.40	0.13	1.2	0.158	2.53	22.5	28.2	0.54	676	1.34	0.74	7.8	2.3	570
M899745		3.07	15.05	0.12	1.2	0.172	2.63	24.4	27.9	0.57	700	0.91	0.76	7.6	2.3	590
M899746		3.85	14.10	0.12	1.1	0.445	2.86	24.1	10.3	0.66	1320	1.10	0.51	6.5	3.1	500
M899747		2.93	15.70	0.13	1.1	0.163	2.92	30.5	16.3	0.96	2120	1.28	0.15	7.3	2.6	550
M899748		3.59	14.35	0.13	1.2	0.199	3.05	25.9	13.9	1.04	1730	1.97	0.06	6.5	2.5	510
M899749		5.33	15.30	0.15	1.4	0.935	2.87	23.2	25.3	0.70	1930	12.15	0.26	7.5	16.5	490
M899750		2.66	14.55	0.13	1.1	0.271	2.80	29.5	36.8	1.11	970	2.27	0.11	6.5	2.7	520
N810401		2.47	14.95	0.13	1.3	0.091	2.13	24.7	20.9	0.65	580	3.00	1.30	7.6	2.4	560
N810402		2.22	14.35	0.13	1.1	0.120	2.43	24.2	10.0	0.96	782	1.89	0.81	6.7	2.1	540
N810403		2.22	14.95	0.12	1.1	0.134	2.38	26.4	10.5	0.95	759	2.14	0.77	7.0	2.1	500
N810404		2.34	14.85	0.13	1.3	0.120	2.16	24.4	9.3	0.64	567	1.55	2.15	6.8	2.6	530
N810405		3.90	15.35	0.14	1.0	1.245	2.87	42.4	38.1	0.91	1540	1.41	0.39	5.8	2.2	530
N810406		2.88	14.75	0.12	1.0	0.598	3.10	34.7	27.0	0.98	1220	1.99	0.06	5.4	2.0	530
N810407		3.87	14.50	0.17	0.8	0.619	2.77	86.6	28.2	1.22	1360	1.83	0.05	4.5	1.9	500
N810408		2.93	15.10	0.12	1.1	0.352	2.58	28.4	75.8	1.03	1120	1.33	0.06	7.1	1.8	560
N810409		3.98	16.00	0.14	1.2	0.313	2.94	31.1	30.2	1.01	1420	1.53	0.05	7.4	2.4	560
N810410		2.97	15.70	0.14	1.1	0.095	2.94	30.4	29.2	1.04	1150	1.38	0.23	8.2	2.4	540
N810411		4.66	15.70	0.12	1.0	1.075	2.92	36.0	15.7	1.01	1660	1.92	0.03	7.6	2.2	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12165409

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899726		83.0	96.4	0.008	0.31	10.45	9.9	1	3.4	173.5	0.62	0.05	12.9	0.247	1.35	3.3
M899727		154.0	77.1	0.011	0.91	44.3	9.9	1	3.0	171.5	0.52	0.48	12.0	0.175	1.08	7.4
M899728		2.6	3.4	<0.002	0.01	0.31	0.5	<1	0.4	41.7	<0.05	<0.05	<0.2	0.007	0.04	0.7
M899729		37.5	49.3	0.007	0.41	29.8	8.8	1	3.2	286	0.63	0.07	9.5	0.233	1.31	4.2
M899730		110.5	73.6	<0.002	0.47	31.9	9.6	1	4.9	131.0	0.57	0.12	10.5	0.225	1.71	6.0
M899731		136.0	192.5	0.006	1.42	13.55	11.1	2	6.1	77.6	0.45	0.71	13.9	0.167	3.28	7.4
M899732		155.0	173.5	0.002	3.91	21.8	8.8	1	9.5	31.1	0.47	0.15	12.0	0.183	3.60	4.2
M899733		2.6	3.4	<0.002	0.01	0.70	0.4	<1	0.4	38.3	<0.05	<0.05	0.2	0.006	0.04	0.6
M899734		105.5	158.5	0.002	0.79	20.3	9.9	1	4.9	99.6	0.53	0.11	12.5	0.231	3.10	3.9
M899735		84.7	153.5	0.002	1.83	14.00	10.7	1	5.4	75.6	0.53	0.23	12.4	0.212	2.62	6.2
M899736		81.6	171.0	0.005	1.19	7.56	8.5	1	3.1	58.4	0.40	0.28	11.6	0.161	2.72	4.0
M899737		70.8	113.5	<0.002	0.39	3.99	9.9	1	2.3	288	0.63	<0.05	13.0	0.246	1.53	3.6
M899738		2550	147.5	0.002	4.33	85.3	7.5	1	7.2	89.7	0.46	0.30	10.5	0.167	2.36	5.2
M899739		86.0	107.0	<0.002	0.31	4.12	9.9	<1	2.2	276	0.63	0.05	13.0	0.252	1.62	4.0
M899740		198.5	164.5	0.002	1.95	8.54	9.4	1	5.9	58.3	0.63	<0.05	14.2	0.229	3.74	5.2
M899741		142.5	159.5	<0.002	1.95	12.55	10.1	1	4.4	109.0	0.64	<0.05	14.7	0.240	3.22	5.0
M899742		178.0	138.5	<0.002	2.47	12.25	9.8	1	5.7	99.4	0.69	0.05	13.7	0.240	3.21	4.8
M899743		429	148.5	<0.002	3.73	12.25	9.3	<1	10.3	79.1	0.61	0.06	14.2	0.221	3.10	5.5
M899744		39.3	97.5	0.002	0.83	13.05	9.5	1	3.4	182.5	0.65	0.13	12.4	0.238	2.03	4.2
M899745		40.2	100.5	0.005	0.85	12.40	9.3	1	3.3	187.5	0.67	0.09	13.6	0.245	2.05	4.4
M899746		84.4	135.0	<0.002	1.46	8.89	8.7	1	5.4	100.0	0.59	0.10	12.5	0.200	2.70	5.6
M899747		108.5	132.0	<0.002	1.93	15.85	9.7	2	3.7	95.8	0.64	0.21	13.4	0.228	2.85	6.1
M899748		154.5	135.0	0.002	2.21	10.55	9.3	1	4.3	101.5	0.62	0.41	13.2	0.217	3.08	5.3
M899749		1310	159.5	<0.002	3.02	33.1	8.8	1	6.2	153.0	0.62	0.30	12.4	0.208	2.65	5.4
M899750		45.3	109.0	0.005	1.12	5.61	8.9	<1	3.3	124.5	0.58	0.10	13.1	0.212	2.66	5.4
N810401		26.9	80.2	<0.002	0.49	4.78	8.7	1	2.6	267	0.73	0.06	11.9	0.239	1.75	4.5
N810402		31.9	74.9	0.002	0.41	4.73	8.4	1	3.0	183.0	0.58	<0.05	10.0	0.224	1.98	4.7
N810403		33.8	82.8	<0.002	0.45	4.92	8.7	<1	3.1	178.5	0.59	<0.05	10.6	0.215	1.94	4.9
N810404		24.7	83.8	<0.002	0.34	3.21	8.7	<1	3.0	299	0.67	<0.05	11.3	0.209	1.64	3.7
N810405		114.0	156.0	<0.002	1.11	7.17	9.3	1	6.6	113.5	0.51	0.07	13.5	0.186	2.92	5.2
N810406		18.6	159.0	<0.002	0.58	4.38	9.1	1	5.9	88.0	0.46	0.07	12.7	0.177	2.95	4.4
N810407		58.9	148.5	<0.002	1.33	7.42	9.3	1	7.6	98.9	0.37	0.08	12.9	0.144	2.89	6.1
N810408		30.2	105.0	0.002	0.57	9.48	9.6	1	3.4	134.5	0.61	<0.05	12.5	0.228	2.33	4.8
N810409		56.5	146.5	<0.002	0.93	9.52	10.3	1	5.0	135.0	0.67	0.05	15.1	0.243	2.90	5.2
N810410		39.1	133.0	<0.002	0.42	9.64	9.9	1	2.2	141.0	0.64	<0.05	15.0	0.230	2.40	7.2
N810411		148.0	170.0	<0.002	2.87	17.20	9.3	1	9.1	93.0	0.57	0.09	13.6	0.222	3.09	9.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12165409

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M899726		73	2.6	14.8	189	30.5
M899727		66	2.6	17.2	558	26.2
M899728		5	0.1	0.8	17	<0.5
M899729		68	5.3	11.0	125	28.3
M899730		69	5.6	12.0	386	26.6
M899731		74	3.8	15.2	386	20.5
M899732		53	6.0	9.7	455	18.6
M899733		3	0.2	0.9	15	<0.5
M899734		66	5.6	12.4	633	23.2
M899735		67	6.4	13.0	310	25.1
M899736		53	2.2	10.6	302	17.1
M899737		69	3.0	15.0	218	29.0
M899738		52	4.9	8.8	5170	22.2
M899739		72	3.0	14.8	169	30.4
M899740		63	5.8	11.4	884	25.7
M899741		66	5.5	14.4	584	28.4
M899742		65	4.7	14.4	874	32.0
M899743		60	5.8	11.9	1500	26.3
M899744		65	2.2	13.7	200	28.6
M899745		69	2.2	13.9	212	28.1
M899746		64	3.0	11.3	511	24.6
M899747		66	2.2	14.2	155	25.1
M899748		64	3.3	13.9	136	26.2
M899749		59	5.3	11.2	3090	37.8
M899750		62	3.0	13.8	277	25.0
N810401		67	1.6	13.4	87	28.7
N810402		65	2.0	13.4	91	25.8
N810403		61	2.1	14.2	87	26.8
N810404		64	1.4	14.1	82	28.3
N810405		64	3.1	13.4	1540	24.5
N810406		63	2.5	14.9	129	22.4
N810407		59	2.4	16.6	276	19.2
N810408		64	3.8	14.3	473	27.2
N810409		68	5.7	14.4	236	28.1
N810410		64	4.0	16.8	168	32.4
N810411		61	8.1	13.9	1620	29.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12165409

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
This copy reported on 31-JUL-2012
Account: ROCKHA

CERTIFICATE WH12165527

Project: Klaza-67

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12165527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N828302		1.07	7.00	37.8	1230	1.62	0.84	2.71	11.15	46.8	8.1	11	8.16	32.7	3.25	16.20
N828303		1.14	7.14	55.9	1580	1.56	0.66	2.24	5.71	47.0	5.2	11	8.62	62.8	3.62	15.95
N828304		0.88	7.37	56.0	1540	1.60	0.50	2.36	5.51	55.6	6.1	10	8.69	55.6	3.66	16.00
N828305		1.33	6.60	151.0	860	1.44	1.03	1.42	4.46	53.1	3.9	9	9.91	9.7	4.63	14.10
N828306		5.17	7.31	260	1030	1.49	0.83	1.62	22.8	55.5	6.8	9	9.07	21.5	4.13	15.70
N828307		1.18	6.77	93.6	1120	1.47	1.08	0.40	3.61	44.0	13.4	9	9.99	10.9	6.01	14.75
N828308		3.51	5.43	634	390	1.04	1.46	4.07	27.9	38.8	3.7	7	9.90	50.4	5.59	12.00
N828309		0.02	0.07	<5	30	<0.05	0.02	20.1	0.11	1.33	1.2	1	0.19	1.6	0.45	0.28
N828310		0.41	7.13	47.2	1220	1.34	0.21	1.78	1.85	54.6	5.0	8	14.35	7.3	4.77	14.80
N828311		0.18	7.56	18.3	2080	1.34	0.34	2.50	0.19	68.4	7.4	9	12.70	12.9	3.49	15.20
N828312		0.15	7.10	17.5	2010	1.36	0.33	2.47	0.17	59.1	7.2	8	12.15	12.0	3.48	14.80
N828313		1.36	7.33	161.5	1910	1.33	1.18	1.89	2.61	83.7	6.8	8	14.75	13.2	4.93	15.20
N828314		0.16	7.66	21.1	1450	1.46	0.15	2.24	0.34	64.5	5.3	8	15.45	1.4	3.40	15.65
N828315		0.58	7.23	42.9	1480	1.42	0.96	2.67	1.95	71.0	12.1	9	13.75	6.2	4.11	15.10
N828316		0.46	7.48	34.2	1280	1.44	0.62	2.23	3.29	67.5	11.0	8	14.55	9.9	4.00	15.40
N828317		0.48	7.28	79.6	1300	1.35	0.87	2.42	1.96	74.3	7.6	8	11.80	8.9	3.93	14.95
N828318		9.56	6.70	1810	780	1.34	6.02	1.87	38.2	45.5	16.8	21	16.10	107.5	5.24	14.45
N828319		>100	4.66	1240	2550	0.88	297	1.14	280	24.9	6.7	7	5.43	3990	11.15	11.80
N828320		0.29	0.11	<5	30	0.07	0.36	21.0	0.41	1.61	1.1	<1	0.25	7.0	0.43	0.30
N828321		1.33	7.71	31.9	2090	1.33	1.73	1.91	6.46	46.1	5.4	9	9.28	22.4	2.86	16.50
N828322		1.76	6.37	84.0	1430	1.11	2.55	1.10	7.55	41.3	3.9	11	10.30	34.1	3.78	14.25
N828323		2.68	6.77	178.5	1500	1.29	2.29	0.58	11.60	47.3	4.2	10	12.90	91.3	5.55	15.35
N828324		5.96	5.59	198.0	440	1.16	7.60	1.01	15.80	38.6	4.4	9	19.85	66.7	4.24	12.80
N828325		5.18	4.80	275	270	0.94	4.79	1.14	25.5	41.2	4.6	8	10.85	53.7	5.05	11.80
N828326		2.25	7.46	100.0	3150	1.16	2.91	1.33	6.39	59.3	2.1	10	9.48	44.7	4.87	16.55
N828327		6.69	6.95	117.5	1590	1.24	4.97	0.57	26.2	59.7	3.3	8	8.97	107.5	4.90	16.65
N828328		1.99	6.75	49.3	2840	1.09	1.50	1.15	13.15	57.2	2.2	10	8.51	22.8	5.81	14.50
N828329		9.86	6.78	1845	330	1.37	6.74	1.89	38.8	44.7	17.0	21	16.20	109.5	5.31	14.90
N828330		16.45	5.66	661	1060	0.93	11.60	4.81	72.1	48.3	4.6	7	6.01	775	6.04	13.80
N828331		>100	3.71	2890	2330	0.61	375	1.42	43.7	19.10	9.3	8	3.39	>10000	15.15	9.65
N828332		2.82	5.91	395	600	0.98	3.94	5.49	2.91	43.6	5.5	7	8.36	49.4	6.14	13.75
N828333		1.39	6.49	45.6	1100	1.20	1.23	3.27	2.13	36.8	6.0	7	9.76	46.4	4.03	13.85
N828334		0.89	7.39	29.7	1610	1.24	0.51	1.34	1.55	49.2	4.3	10	14.65	39.6	3.64	15.90
N828335		0.31	7.15	10.6	1720	1.35	0.27	2.35	0.85	44.8	5.5	9	12.35	5.4	3.38	15.25
N828336		0.13	7.21	11.5	1990	1.27	0.19	2.18	0.16	31.5	6.7	10	10.05	2.3	2.67	15.85
N828337		0.21	7.07	10.7	2170	1.46	0.22	2.36	0.16	42.4	4.3	9	15.15	3.4	3.32	15.10

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12165527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N828302		0.14	1.0	0.219	2.46	23.1	35.1	0.67	1040	0.86	0.91	6.4	3.6	540	167.0	114.0
N828303		0.15	0.9	0.263	2.86	23.4	46.6	0.60	1460	1.61	0.30	5.9	2.4	580	173.5	126.0
N828304		0.17	0.9	0.211	2.86	29.0	38.9	0.65	1600	1.61	0.44	6.0	2.5	600	157.0	132.5
N828305		0.16	0.9	0.164	2.63	27.9	68.0	0.72	1360	5.79	0.05	5.2	2.8	480	224	143.0
N828306		0.16	0.8	0.240	2.90	27.5	22.5	0.70	1520	1.94	0.06	5.4	2.7	540	1780	132.0
N828307		0.17	0.8	0.196	3.06	22.0	6.9	0.58	2460	15.85	0.05	5.6	2.5	490	235	155.0
N828308		0.16	0.6	0.551	2.40	20.6	11.9	1.39	4610	9.80	0.03	4.6	2.2	380	1130	122.0
N828309		0.06	<0.1	<0.005	0.03	0.6	1.0	12.20	210	0.17	0.02	0.3	1.3	170	4.5	1.7
N828310		0.14	0.9	0.148	3.04	32.7	16.2	0.80	2310	2.25	0.15	6.2	2.5	530	131.0	150.5
N828311		0.15	0.9	0.038	3.05	40.7	20.7	0.93	836	1.52	0.12	5.9	3.1	580	14.8	137.0
N828312		0.16	0.9	0.042	3.02	33.9	19.1	0.90	817	1.82	0.14	5.9	3.0	560	14.1	116.5
N828313		0.17	1.0	0.165	3.11	53.8	9.5	0.88	1620	3.54	0.05	6.6	2.6	560	240	163.5
N828314		0.15	1.0	0.084	3.13	38.8	52.0	0.88	1990	3.36	0.05	6.8	2.0	590	24.9	164.0
N828315		0.18	0.8	0.113	3.24	41.4	27.7	1.13	1520	3.36	0.05	5.4	2.4	520	99.4	179.0
N828316		0.18	0.9	0.187	3.36	38.5	17.0	0.95	1600	2.58	0.05	6.2	2.2	580	44.5	162.0
N828317		0.17	0.9	0.128	3.36	44.9	11.3	0.89	1570	1.98	0.05	6.1	2.1	530	47.4	180.5
N828318		0.18	1.3	0.876	2.78	24.8	22.7	0.69	1960	12.70	0.26	7.9	15.9	490	1310	152.0
N828319		0.22	0.6	3.90	2.15	11.6	8.4	0.45	1460	1.86	0.04	3.7	2.1	330	>10000	106.5
N828320		0.05	<0.1	0.011	0.05	0.8	1.1	12.70	191	0.12	0.01	0.4	1.1	280	39.0	2.2
N828321		0.13	0.9	0.245	3.54	25.8	21.7	0.83	1570	10.10	0.06	5.7	2.4	550	124.5	193.5
N828322		0.14	0.8	0.340	2.84	22.8	18.9	0.64	1440	5.91	0.05	4.9	2.3	450	177.5	185.5
N828323		0.16	0.9	0.418	3.06	25.7	18.9	0.60	2190	10.60	0.04	6.1	2.7	450	253	192.0
N828324		0.14	0.7	0.463	2.35	20.6	31.9	0.46	1540	16.75	0.03	4.9	2.9	370	388	137.5
N828325		0.15	0.5	0.391	2.18	21.6	32.0	0.31	1560	23.7	0.03	4.0	2.9	400	838	114.5
N828326		0.16	0.8	0.288	3.50	33.6	11.2	0.85	2210	4.88	0.06	5.5	2.3	550	163.0	179.0
N828327		0.17	0.8	0.519	3.17	36.1	9.2	0.59	1370	4.19	0.05	4.6	2.6	500	1080	172.0
N828328		0.17	0.8	0.368	3.02	32.2	7.9	0.85	2540	1.15	0.06	4.8	2.6	490	441	158.5
N828329		0.18	1.3	0.881	2.85	23.4	23.3	0.69	2000	13.05	0.26	8.1	16.6	500	1320	150.5
N828330		0.16	0.6	0.873	2.67	26.2	7.9	0.55	2000	5.84	0.04	4.7	2.1	390	1710	143.5
N828331		0.25	0.4	7.42	1.69	8.8	7.6	0.47	1500	6.14	0.03	3.1	2.0	260	2880	87.0
N828332		0.13	0.8	0.156	2.85	24.2	7.2	0.45	2150	17.55	0.02	5.8	2.3	450	212	169.5
N828333		0.14	0.7	0.160	3.13	19.4	10.0	0.74	2030	13.80	0.03	5.1	2.5	490	141.0	181.0
N828334		0.13	0.9	0.079	2.79	27.9	39.0	0.60	1090	2.53	0.05	8.0	3.2	610	127.0	132.5
N828335		0.15	0.9	0.049	2.82	23.4	19.5	0.93	1090	0.68	0.74	6.7	2.9	570	78.5	127.0
N828336		0.15	0.9	0.039	2.83	15.0	25.4	0.75	529	2.50	0.76	7.6	2.7	590	16.7	116.0
N828337		0.16	1.0	0.063	3.14	22.0	23.8	0.77	834	0.97	1.22	7.6	2.4	540	24.2	111.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12165527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N828302		<0.002	0.83	4.77	10.6	1	2.8	182.0	0.54	0.06	12.1	0.191	2.00	5.1	64	1.6
N828303		<0.002	0.83	22.4	9.7	1	2.4	97.1	0.47	0.05	11.9	0.189	2.11	4.2	68	1.9
N828304		<0.002	0.79	22.3	10.3	1	2.4	105.0	0.47	<0.05	12.2	0.189	2.10	4.4	67	1.8
N828305		<0.002	2.00	16.45	9.0	1	2.2	53.5	0.44	0.06	12.1	0.159	2.45	4.9	59	3.2
N828306		<0.002	1.99	14.25	10.4	1	6.9	42.2	0.43	0.05	13.1	0.170	2.24	4.4	66	3.5
N828307		0.003	1.01	7.82	8.4	1	3.5	17.4	0.44	<0.05	13.0	0.173	2.79	4.7	55	5.6
N828308		0.002	2.85	26.3	7.0	1	6.2	71.1	0.37	<0.05	9.3	0.143	2.39	3.6	46	5.6
N828309		<0.002	0.01	0.10	0.2	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4	2	0.1
N828310		<0.002	0.44	8.07	10.0	1	3.4	70.2	0.50	<0.05	12.5	0.196	2.73	6.7	61	4.7
N828311		<0.002	0.32	11.30	10.8	1	0.9	91.3	0.48	0.05	13.7	0.183	2.21	7.6	67	2.0
N828312		<0.002	0.32	10.70	10.2	1	0.9	89.5	0.48	<0.05	12.0	0.183	2.16	7.0	67	2.0
N828313		<0.002	1.52	12.10	10.6	1	2.5	68.5	0.57	0.06	14.4	0.200	3.04	7.8	65	5.1
N828314		<0.002	0.27	6.25	11.1	1	1.1	110.5	0.59	<0.05	14.4	0.212	2.71	5.6	69	2.8
N828315		<0.002	1.01	7.28	10.7	1	1.9	70.8	0.40	<0.05	13.7	0.167	2.72	5.6	69	2.5
N828316		<0.002	0.76	5.24	11.0	1	1.6	89.0	0.49	<0.05	13.6	0.197	2.88	5.8	66	3.4
N828317		<0.002	1.29	6.06	10.8	1	1.8	77.6	0.48	<0.05	13.0	0.192	2.95	4.6	66	3.5
N828318		<0.002	3.08	31.3	9.2	1	5.5	151.0	0.63	0.29	11.8	0.206	2.48	5.3	58	5.3
N828319		<0.002	>10.0	326	6.5	2	32.0	57.1	0.29	1.76	6.5	0.119	1.97	2.2	42	3.9
N828320		<0.002	0.03	0.54	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8	3	0.1
N828321		0.005	0.45	13.45	10.0	1	1.7	45.4	0.46	<0.05	13.4	0.195	2.93	3.8	70	3.2
N828322		0.002	1.32	24.4	8.6	1	3.6	29.4	0.39	0.12	11.1	0.161	2.82	3.0	61	3.3
N828323		0.003	1.63	50.0	9.1	1	4.7	39.1	0.47	0.07	11.9	0.191	3.31	5.8	62	7.3
N828324		<0.002	2.40	61.7	7.6	1	4.6	140.5	0.39	0.28	9.8	0.155	2.38	4.3	53	5.3
N828325		0.002	3.32	73.6	7.0	1	6.3	213	0.30	0.11	8.2	0.124	2.00	4.8	46	4.2
N828326		<0.002	0.92	14.85	10.7	1	3.9	68.7	0.41	<0.05	13.1	0.181	2.95	3.7	69	3.9
N828327		0.004	1.10	26.9	9.6	1	6.1	21.1	0.38	<0.05	12.0	0.167	2.76	2.7	73	4.8
N828328		<0.002	0.52	7.92	9.9	1	3.8	71.3	0.39	<0.05	11.5	0.155	2.70	2.7	64	3.6
N828329		0.002	3.14	32.5	9.3	1	5.6	153.5	0.65	0.28	11.9	0.210	2.59	5.3	59	5.7
N828330		0.002	4.74	38.5	7.9	1	8.1	139.0	0.35	0.09	8.9	0.140	2.07	2.4	51	3.1
N828331		<0.002	>10.0	453	4.8	2	12.1	65.8	0.23	0.72	4.9	0.088	1.40	2.0	31	2.2
N828332		0.008	3.74	12.70	8.3	1	6.5	149.0	0.47	0.13	10.3	0.176	2.86	4.2	55	7.1
N828333		0.007	0.53	11.15	9.1	1	3.4	87.7	0.41	<0.05	9.9	0.167	3.00	4.6	64	3.5
N828334		<0.002	0.33	24.6	11.6	1	2.4	81.6	0.62	<0.05	11.7	0.248	2.37	4.4	66	5.2
N828335		<0.002	0.20	5.65	10.5	1	2.2	161.0	0.54	<0.05	11.3	0.209	2.20	4.5	66	2.6
N828336		0.002	0.17	5.25	11.2	1	1.3	153.5	0.57	<0.05	11.2	0.244	1.74	4.3	75	2.2
N828337		<0.002	0.12	4.57	10.0	1	2.3	263	0.61	<0.05	11.6	0.242	1.68	3.3	67	3.2

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12165527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	2	0.5	1	0.001	0.001	0.001
N828302		10.9	902	30.0				
N828303		10.1	531	28.0				
N828304		11.1	514	27.7				
N828305		10.5	436	26.2				
N828306		11.0	2110	26.9				
N828307		6.8	456	25.4				
N828308		8.8	2440	20.4				
N828309		0.8	21	<0.5				
N828310		11.1	287	25.2				
N828311		13.4	77	27.2				
N828312		12.6	78	26.7				
N828313		12.6	301	29.8				
N828314		14.7	79	28.7				
N828315		12.8	242	24.1				
N828316		12.4	331	26.3				
N828317		12.9	253	25.6				
N828318		11.3	2990	40.8				
N828319		6.9	>10000	15.7	234		3.04	1.945
N828320		0.9	45	<0.5				
N828321		10.9	563	25.1				
N828322		7.2	690	22.9				
N828323		8.7	1200	25.0				
N828324		8.4	1400	20.6				
N828325		7.5	1960	15.1				
N828326		8.8	618	22.5				
N828327		6.9	2020	22.6				
N828328		6.6	1180	21.3				
N828329		11.3	3060	39.4				
N828330		7.1	5330	18.0				
N828331		5.4	3390	11.2	341	1.835		
N828332		8.6	311	21.8				
N828333		9.0	272	21.1				
N828334		12.3	198	26.3				
N828335		11.4	150	24.6				
N828336		11.9	70	25.3				
N828337		13.6	60	29.6				

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2012
Account: ROCKHA

Project: Klaza-67

CERTIFICATE OF ANALYSIS WH12165527

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167651

Project: Klaza - 82

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

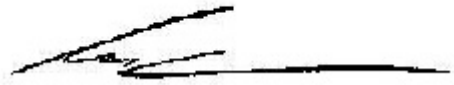
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12167651

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810448		3.85	0.249	3.16	7.18	160.5	750	1.57	5.72	0.75	7.65	50.9	3.6	9	8.33	40.9
N810449		4.89	0.055	2.62	7.06	95.1	770	1.81	3.95	0.70	13.20	46.8	5.0	12	6.91	31.1
N810450		8.44	0.094	1.45	7.50	76.9	810	1.99	2.00	2.07	14.95	90.9	8.6	12	10.60	27.6
N810451		8.00	0.016	1.02	7.31	27.7	750	1.90	2.12	2.49	11.60	53.2	20.4	10	9.40	11.2
N810452		6.86	0.070	2.66	5.77	42.0	1310	1.50	4.62	1.58	17.55	38.9	8.6	12	6.69	28.7
N810453		10.69	0.015	1.51	7.32	31.8	2030	1.89	2.44	3.16	17.05	73.8	20.3	8	9.81	28.8
N810454		9.62	0.009	0.24	7.52	20.8	1460	1.76	0.50	2.71	1.94	77.0	8.1	10	15.05	7.7
N810455		4.92	0.008	0.46	7.12	17.1	1110	1.55	0.64	2.95	0.80	55.4	13.5	11	13.40	4.4
N810456		4.55	0.005	0.16	7.68	16.5	960	1.71	0.44	2.85	0.74	50.6	7.7	11	8.47	3.1
N810457		2.13	<0.005	0.15	7.59	16.0	1030	1.69	0.41	2.76	0.48	57.2	8.8	11	8.20	4.0
N810458		12.15	<0.005	0.22	7.77	14.0	1840	1.78	0.40	2.54	1.06	45.2	6.6	11	7.50	6.7
N810459		5.81	0.035	0.81	7.52	34.0	1450	1.74	1.25	2.82	5.28	58.4	7.8	10	11.15	12.1
N810460		0.22	4.42	>100	5.48	6610	240	1.25	55.9	1.94	221	34.1	9.2	19	12.30	1250
N810461		10.81	0.007	0.31	7.84	15.7	1170	1.84	0.50	2.76	1.40	55.0	8.6	11	12.65	4.0
N810462		5.36	0.012	0.27	7.47	19.5	1400	1.68	0.51	2.77	1.93	47.8	9.7	12	12.10	4.7
N810463		5.84	0.723	1.69	7.69	1910	1490	1.62	1.24	1.67	38.1	59.8	6.4	10	9.87	45.3
N810464		7.96	0.183	1.49	7.53	172.5	940	1.69	1.82	2.43	20.7	46.7	21.0	9	13.30	17.4
N810465		3.61	<0.005	0.04	0.26	<5	40	0.11	0.03	20.7	0.23	2.54	0.6	1	0.39	2.3
N810466		4.86	0.038	0.43	7.81	68.7	1130	2.01	0.77	2.29	1.74	59.6	11.9	17	20.9	9.8
N810467		4.65	0.431	1.54	6.64	449	430	1.39	1.72	3.10	6.52	52.2	15.6	9	9.60	23.1
N810468		10.00	0.015	0.41	7.82	44.1	1470	1.77	0.73	2.79	1.73	55.4	12.4	10	14.30	18.6
N810469		8.00	0.018	0.47	7.40	21.3	1860	1.57	0.63	1.78	4.07	46.5	6.9	6	9.00	11.6
N810470		3.76	0.023	0.63	7.44	36.0	2250	1.41	1.28	0.68	0.84	48.9	9.4	7	8.32	20.1
N810471		10.83	0.007	0.20	7.99	15.6	2340	1.31	0.39	0.88	0.43	57.6	6.1	7	9.00	9.4
N810472		<0.02	0.009	0.20	8.11	15.7	2380	1.35	0.39	0.88	0.41	56.3	6.5	7	8.71	6.2
N810473		9.11	0.008	0.20	7.59	15.2	2030	1.65	0.41	2.20	0.63	56.1	6.6	8	9.15	3.1
N810474		10.92	0.009	0.28	7.48	15.9	2030	1.60	0.36	2.57	0.70	47.8	6.3	9	10.75	1.5
N810475		0.21	4.39	>100	5.47	6600	380	0.99	59.9	1.96	224	34.7	8.5	16	12.05	1255
N810476		11.38	0.046	0.43	7.75	25.9	2140	1.86	0.59	2.48	0.60	48.2	7.2	9	11.65	34.2
N810477		8.11	0.053	0.85	7.81	38.8	1910	1.75	1.65	1.52	2.35	45.5	8.0	9	12.60	23.5
N810478		4.67	3.19	49.2	6.49	1065	620	1.02	332	0.39	7.30	53.6	11.3	8	6.81	629
N810479		4.71	0.033	0.86	8.08	30.1	1130	1.76	2.06	1.38	2.29	50.9	6.8	7	13.60	15.3
N810480		3.02	0.006	0.10	0.08	<5	30	0.06	0.64	20.8	0.07	1.37	1.2	<1	0.14	3.2
N810481		7.76	0.760	1.40	8.24	1605	1310	1.49	1.81	1.10	1.82	55.8	7.7	9	13.10	66.7
N810482		4.97	0.895	2.22	7.54	730	930	1.64	2.60	1.91	2.54	51.4	7.6	9	15.75	128.5
N810483		6.28	1.370	32.5	6.98	524	220	0.86	65.8	0.92	3.26	77.9	10.7	8	6.94	105.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12167651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810448		5.68	16.35	0.14	1.0	0.488	3.31	29.1	21.2	0.62	966	2.25	0.06	5.8	1.4	530
N810449		4.94	16.60	0.09	1.2	0.516	3.27	24.8	17.7	0.68	1020	0.51	0.06	5.4	1.9	520
N810450		3.10	17.05	0.11	1.0	0.526	2.75	52.4	31.5	0.83	866	0.94	0.06	5.1	1.9	550
N810451		3.41	15.55	0.07	1.0	0.368	1.92	26.1	16.4	0.53	757	1.03	1.54	5.1	3.0	560
N810452		2.72	12.95	0.07	0.8	0.858	2.26	20.4	11.4	0.46	608	0.49	0.26	3.7	1.6	390
N810453		3.76	17.15	0.12	1.1	0.473	2.35	40.2	25.1	0.96	982	1.68	0.59	5.4	2.6	550
N810454		2.78	17.00	0.10	1.3	0.114	2.03	44.5	15.5	0.81	657	1.53	2.23	7.6	2.3	570
N810455		2.79	14.75	0.07	1.1	0.138	1.43	29.7	14.0	0.73	644	1.03	2.53	6.8	3.4	540
N810456		2.59	16.35	0.09	1.3	0.063	1.46	26.5	12.7	0.78	621	0.85	2.97	7.2	2.4	530
N810457		2.75	16.05	0.10	1.2	0.062	1.51	30.8	13.2	0.78	605	0.93	2.87	7.2	2.5	540
N810458		2.91	15.80	0.08	1.3	0.050	2.49	23.4	15.4	0.83	584	1.64	2.68	7.5	2.0	600
N810459		3.24	17.00	0.08	1.1	0.130	2.12	30.3	15.7	0.73	845	0.97	1.89	7.2	2.5	590
N810460		8.17	13.00	0.19	1.1	5.02	2.23	17.4	31.0	0.62	3020	15.30	0.08	5.6	11.9	450
N810461		2.83	16.80	0.08	1.2	0.054	1.75	29.8	13.4	0.76	679	0.81	2.67	7.2	2.4	590
N810462		3.02	15.85	0.08	1.2	0.096	1.81	24.2	13.7	0.76	667	0.46	2.68	7.2	2.4	590
N810463		3.17	17.95	0.17	1.3	0.292	2.37	33.2	21.0	0.53	582	0.56	1.36	8.3	1.8	560
N810464		3.95	15.65	0.09	1.2	0.436	2.56	24.3	12.3	0.67	848	0.80	1.27	5.9	2.8	510
N810465		0.52	0.57	<0.05	<0.1	0.010	0.10	1.4	2.2	12.55	238	0.08	0.01	0.2	1.4	240
N810466		2.96	18.15	0.09	2.7	0.089	2.81	32.8	23.5	0.93	830	1.64	0.12	8.5	6.9	740
N810467		5.43	15.55	0.10	0.9	0.332	2.92	26.9	11.7	0.71	1270	1.21	0.08	4.8	3.0	470
N810468		2.86	17.40	0.09	1.3	0.071	2.15	30.3	12.6	0.75	655	0.93	2.17	7.5	2.9	600
N810469		3.02	16.85	0.10	1.2	0.158	2.40	23.5	23.9	0.58	828	0.75	0.87	7.9	2.5	680
N810470		3.13	15.65	0.09	1.1	0.105	2.57	26.1	25.4	0.33	696	0.79	0.09	7.4	2.4	630
N810471		3.09	17.65	0.11	1.1	0.078	2.81	32.9	20.5	0.31	633	0.56	0.84	8.1	2.5	670
N810472		3.20	17.05	0.10	1.1	0.076	2.82	31.7	19.9	0.31	637	0.67	0.85	7.7	2.6	650
N810473		2.92	16.85	0.11	1.1	0.046	2.49	30.9	13.3	0.55	615	0.51	1.92	7.5	2.8	590
N810474		2.71	15.85	0.10	1.2	0.056	2.42	25.5	13.4	0.62	613	0.54	2.28	7.5	2.6	590
N810475		8.10	12.20	0.20	1.1	4.78	2.23	18.1	26.9	0.62	3010	16.00	0.09	6.0	11.9	460
N810476		2.93	16.30	0.19	1.0	0.095	2.60	25.9	14.4	0.63	644	0.80	2.27	8.5	1.2	600
N810477		3.43	16.30	0.17	1.0	0.199	3.15	24.0	21.7	0.62	804	0.86	0.55	8.1	1.5	610
N810478		9.75	15.00	0.26	0.9	0.587	2.95	26.9	9.8	0.37	356	10.70	0.05	6.3	2.3	430
N810479		3.75	17.00	0.17	1.1	0.221	3.10	28.2	41.1	0.69	969	0.86	0.07	8.8	1.7	600
N810480		0.47	0.33	0.12	<0.1	0.005	0.03	0.7	0.9	12.40	202	0.16	<0.01	0.3	<0.2	200
N810481		3.70	17.45	0.17	1.1	0.166	3.28	30.9	22.7	0.59	940	0.69	0.08	8.4	1.8	630
N810482		4.22	15.75	0.20	1.0	0.323	3.44	28.8	16.7	0.82	955	1.33	0.06	7.7	1.3	550
N810483		12.20	14.65	0.31	0.9	0.244	3.07	40.3	4.2	0.45	573	2.13	0.04	6.8	2.2	370

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12167651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810448		178.5	190.5	<0.002	3.06	8.89	10.8	1	11.4	34.9	0.47	0.22	13.2	0.179	2.95	3.7
N810449		407	211	<0.002	2.16	5.27	10.3	<1	13.8	33.3	0.54	0.17	13.4	0.166	2.67	2.8
N810450		219	174.5	<0.002	1.02	6.07	10.7	1	7.8	90.4	0.48	0.24	13.6	0.158	2.25	4.6
N810451		139.0	96.1	<0.002	1.54	3.52	10.0	1	4.4	207	0.48	0.24	12.6	0.171	1.79	3.0
N810452		196.5	131.0	<0.002	1.02	4.78	7.8	<1	8.9	72.7	0.36	0.30	10.5	0.127	1.90	5.6
N810453		212	92.1	0.002	1.19	5.36	9.8	1	5.5	140.5	0.52	0.16	10.7	0.174	1.82	4.4
N810454		60.6	81.8	0.002	0.30	4.41	11.0	<1	3.4	358	0.68	0.11	12.3	0.233	1.14	3.9
N810455		33.5	67.3	0.002	0.90	4.85	9.5	1	3.1	264	0.64	0.10	11.5	0.218	1.01	3.4
N810456		37.9	64.2	<0.002	0.38	3.40	9.6	<1	2.1	361	0.67	<0.05	11.9	0.222	0.93	3.5
N810457		30.8	62.9	<0.002	0.45	3.30	9.9	1	2.1	359	0.70	0.08	12.8	0.231	0.84	3.9
N810458		54.1	81.3	<0.002	0.22	2.74	10.1	<1	1.7	468	0.73	<0.05	12.4	0.255	1.02	4.1
N810459		145.0	90.0	<0.002	0.66	7.75	11.0	1	2.6	302	0.65	0.10	12.8	0.225	1.26	3.9
N810460		9230	126.0	0.002	7.00	210	6.8	3	9.7	119.0	0.46	0.55	6.9	0.178	2.03	4.2
N810461		88.7	75.5	0.002	0.44	6.09	10.4	<1	2.0	339	0.65	0.07	13.7	0.230	1.06	3.7
N810462		77.2	74.8	<0.002	0.69	6.01	10.1	<1	2.5	366	0.66	0.07	13.9	0.226	1.12	3.8
N810463		351	114.0	<0.002	0.81	22.6	10.5	2	2.8	212	0.73	0.08	13.8	0.221	1.22	4.0
N810464		154.0	140.5	<0.002	1.80	10.55	9.3	<1	4.8	214	0.60	0.15	14.0	0.190	2.11	5.4
N810465		3.4	5.0	<0.002	0.01	0.17	0.5	<1	0.2	44.5	<0.05	<0.05	0.5	0.006	0.08	0.7
N810466		72.1	150.0	<0.002	0.85	15.50	10.3	1	2.2	130.5	0.75	0.09	13.1	0.253	3.00	6.9
N810467		210	186.5	<0.002	3.79	12.25	9.0	1	7.5	129.0	0.46	0.14	11.9	0.156	2.75	4.6
N810468		66.1	105.0	<0.002	0.83	6.12	11.8	1	2.0	339	0.59	0.08	15.4	0.227	1.39	4.5
N810469		102.0	91.7	0.002	0.41	14.30	11.4	1	2.4	195.0	0.59	0.06	12.6	0.264	1.26	2.7
N810470		39.9	106.5	<0.002	1.00	26.0	11.1	1	2.3	74.6	0.55	0.29	13.3	0.249	1.32	2.3
N810471		20.9	108.5	<0.002	0.26	12.60	12.8	1	2.5	176.5	0.61	<0.05	15.8	0.270	1.16	3.2
N810472		19.8	105.5	<0.002	0.29	12.10	12.2	1	2.4	178.0	0.58	0.05	15.0	0.263	1.15	2.9
N810473		31.0	92.2	<0.002	0.27	5.33	11.9	1	1.7	366	0.56	0.05	14.4	0.248	1.03	3.8
N810474		45.7	85.1	<0.002	0.31	3.36	11.7	1	1.7	400	0.57	0.05	14.1	0.251	0.95	4.0
N810475		9600	116.5	0.002	7.21	219	7.3	3	9.4	119.0	0.47	0.58	9.9	0.183	2.16	6.0
N810476		42.1	100.5	<0.002	0.39	4.62	10.7	1	1.9	387	0.66	0.09	14.6	0.249	1.09	3.8
N810477		109.0	166.5	<0.002	0.93	8.51	10.8	1	2.2	148.0	0.65	0.26	14.9	0.241	2.28	3.8
N810478		948	139.0	<0.002	9.52	109.0	8.7	3	10.7	22.3	0.54	10.15	11.9	0.192	2.52	4.3
N810479		85.7	179.0	<0.002	1.18	10.75	12.1	1	3.3	121.5	0.68	0.26	14.6	0.255	2.37	3.8
N810480		3.6	1.3	<0.002	0.03	0.29	0.3	1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810481		151.0	185.0	<0.002	1.01	22.7	11.6	1	3.4	89.8	0.68	0.28	16.0	0.248	2.50	4.8
N810482		144.0	212	<0.002	2.13	10.15	10.2	1	4.4	96.8	0.64	0.50	14.7	0.227	2.75	5.9
N810483		228	136.0	<0.002	>10.0	8.83	8.2	7	12.6	29.0	0.56	23.6	13.2	0.207	2.11	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12167651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810448		61	5.2	10.1	631	26.0		
N810449		62	5.7	9.1	943	28.6		
N810450		58	2.7	17.3	1000	24.8		
N810451		68	1.4	15.8	835	24.4		
N810452		53	2.7	13.6	1250	19.4		
N810453		71	3.1	17.3	1160	25.9		
N810454		69	1.5	17.9	154	30.4		
N810455		68	1.7	15.6	94	26.5		
N810456		63	1.1	15.4	82	28.5		
N810457		66	1.0	16.0	68	28.8		
N810458		71	1.2	16.3	110	31.3		
N810459		68	1.3	18.9	415	28.6		
N810460		53	4.8	8.5	>10000	31.2	125	1.605
N810461		69	1.1	17.3	151	27.9		
N810462		67	1.1	16.8	172	28.8		
N810463		61	2.4	16.3	2180	33.5		
N810464		64	2.2	14.4	1440	29.2		
N810465		4	0.1	1.0	24	1.0		
N810466		74	2.8	15.3	168	82.4		
N810467		60	4.7	12.2	463	21.2		
N810468		75	1.4	16.4	149	32.7		
N810469		76	3.1	17.4	284	29.2		
N810470		66	3.8	15.3	100	24.8		
N810471		74	4.0	17.4	76	27.8		
N810472		73	3.9	16.9	73	26.0		
N810473		67	2.2	17.6	81	26.4		
N810474		70	1.4	16.8	93	26.9		
N810475		52	4.8	9.2	>10000	31.4	123	1.585
N810476		69	2.1	18.3	81	27.4		
N810477		72	2.5	16.2	219	25.5		
N810478		60	10.7	15.3	559	21.1		
N810479		73	3.0	17.4	215	27.3		
N810480		2	0.2	0.8	19	0.5		
N810481		72	4.6	16.7	221	27.6		
N810482		63	3.9	15.4	272	26.4		
N810483		59	22.5	11.7	311	22.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza - 82

CERTIFICATE OF ANALYSIS WH12167651

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167652

Project: Klaza - 84

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

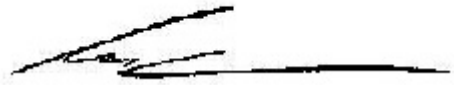
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167652

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813001		7.52	<0.005	0.11	7.81	5.4	2150	1.66	0.22	2.91	0.13	40.5	8.6	7	12.80	28.3
N813002		0.26	2.41	24.0	5.93	2830	1360	1.31	18.70	2.15	74.1	42.1	9.8	16	13.90	433
N813003		2.07	<0.005	0.16	5.93	14.3	2480	1.52	0.21	2.73	0.32	22.6	8.3	7	19.10	41.7
N813004		3.88	<0.005	0.12	7.54	3.9	2100	1.60	0.18	3.04	0.13	41.2	9.0	7	12.15	24.1
N813005		3.70	<0.005	0.12	7.48	8.0	2400	1.68	0.20	2.70	0.18	36.8	8.1	7	20.1	19.6
N813006		5.08	0.035	0.64	6.52	133.5	930	1.29	0.28	4.97	0.57	39.0	6.7	5	17.40	9.2
N813007		3.51	0.009	0.24	6.46	74.1	850	1.28	0.17	4.92	0.32	47.4	6.9	5	15.00	3.6
N813008		5.70	<0.005	0.09	7.76	4.7	2170	1.71	0.16	3.19	0.14	42.8	8.6	8	19.75	7.9
N813009		1.44	<0.005	0.01	0.08	<5	20	<0.05	0.02	21.7	0.06	1.07	1.2	<1	0.29	6.3
N813010		4.15	<0.005	0.14	7.73	9.4	2160	1.60	0.18	3.14	0.18	42.2	8.7	7	16.80	10.8
N813011		6.06	<0.005	0.09	7.14	2.9	1850	1.32	0.14	3.71	0.14	39.9	8.8	7	14.45	6.4
N813012		6.72	<0.005	0.09	6.75	4.0	1840	1.51	0.15	3.75	0.12	32.8	8.1	6	20.2	11.2
N813013		4.00	<0.005	0.10	7.37	4.9	1870	1.61	0.16	3.04	0.12	35.7	8.1	7	15.70	15.0
N813014		4.84	<0.005	0.09	7.73	15.1	2350	1.62	0.20	2.85	0.12	42.8	8.4	8	14.95	14.1
N813015		<0.02	<0.005	0.09	7.67	4.0	2350	1.75	0.20	2.78	0.11	42.6	8.6	8	15.20	15.3
N813016		8.49	0.005	0.08	7.57	7.7	1970	1.65	0.16	2.87	0.17	42.7	8.4	9	10.60	14.1
N813017		5.54	<0.005	0.08	7.95	2.8	1960	1.76	0.14	2.93	0.17	48.0	8.5	8	12.25	9.8
N813018		5.99	<0.005	0.12	7.75	4.0	2160	1.64	0.24	2.63	0.21	44.6	7.9	9	16.80	14.3
N813019		0.26	2.15	25.7	6.19	2940	1310	1.28	19.70	2.26	77.4	43.4	10.2	17	14.30	443
N813020		2.33	<0.005	0.17	7.33	23.3	1940	1.64	0.39	2.23	0.20	36.8	8.3	7	31.1	28.2
N813021		2.85	0.006	0.35	4.88	39.1	2410	1.23	0.17	3.12	0.34	28.9	8.2	8	19.80	16.8
N813022		4.56	<0.005	0.08	7.26	5.2	1990	1.34	0.14	2.57	0.14	48.3	8.0	9	21.8	7.3
N813023		2.29	0.064	0.35	6.50	77.7	990	1.25	0.42	1.44	0.44	43.3	18.3	8	17.05	10.2
N813024		2.17	<0.005	0.01	0.11	<5	30	0.09	0.03	21.6	0.07	1.17	1.5	2	0.32	1.7
N813025		6.92	<0.005	0.14	7.23	16.9	1730	1.40	0.17	2.19	0.16	44.5	8.1	9	26.4	15.4
N813026		8.07	<0.005	0.10	7.32	20.2	1450	1.50	0.15	2.18	0.18	44.1	8.8	8	32.3	10.3
N813027		4.74	<0.005	0.09	6.97	6.9	1680	1.34	0.10	2.85	0.12	48.2	8.1	8	22.9	9.4
N813028		2.45	<0.005	0.12	6.91	13.2	1530	1.31	0.14	2.82	0.28	45.3	8.4	8	19.05	9.3
N813029		3.00	<0.005	0.09	7.33	2.4	1950	1.38	0.10	2.90	0.09	47.3	8.0	10	12.80	7.0
N813030		3.48	<0.005	0.03	6.93	5.2	1980	1.43	0.11	2.88	0.10	36.7	8.0	8	13.50	7.9
N813031		4.64	<0.005	0.09	7.23	8.8	1830	1.30	0.15	3.52	0.20	51.3	7.6	11	12.00	9.5
N813032		5.68	0.031	0.19	7.20	31.8	1030	1.41	0.67	5.15	0.10	62.2	15.0	7	23.4	4.9
N813033		2.87	0.010	0.11	7.24	15.0	970	1.39	0.29	4.38	0.09	60.4	11.3	8	19.10	4.4
N813034		3.04	<0.005	0.16	7.43	4.6	1760	1.49	0.17	2.89	0.19	50.3	8.2	11	7.43	35.9
N813035		2.15	0.016	1.04	7.07	147.0	1470	1.17	1.27	5.80	0.30	60.9	9.4	6	6.71	358
N813036		2.68	0.006	0.16	6.66	25.5	1270	1.36	0.12	4.60	0.13	49.9	8.8	8	13.50	13.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167652

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813001		3.26	16.65	0.17	1.4	0.037	2.38	21.6	18.7	0.76	588	0.71	2.01	9.1	0.9	680
N813002		6.58	13.10	0.19	1.0	1.675	2.53	23.3	21.3	0.89	1840	13.35	0.05	6.2	13.1	440
N813003		3.19	15.80	0.16	1.1	0.042	2.28	9.7	35.6	0.15	1020	2.35	0.11	8.3	1.0	600
N813004		3.20	16.35	0.17	1.3	0.039	2.33	20.7	18.7	0.71	655	0.89	2.06	8.7	0.7	670
N813005		3.31	16.40	0.18	1.3	0.038	2.35	18.2	25.7	0.44	697	2.13	1.42	8.8	1.0	660
N813006		3.94	13.35	0.18	0.9	0.132	2.85	21.5	10.3	0.60	3980	4.01	0.09	6.7	<0.2	520
N813007		3.92	13.40	0.17	0.9	0.181	2.89	25.6	9.7	0.66	3540	1.66	0.07	6.7	<0.2	530
N813008		3.27	16.75	0.16	1.3	0.045	2.45	21.5	12.0	0.65	719	1.90	2.22	9.0	0.7	680
N813009		0.51	0.38	0.14	<0.1	<0.005	0.03	0.5	0.9	12.85	239	0.11	0.01	0.3	<0.2	170
N813010		3.25	17.50	0.17	1.3	0.045	2.48	21.4	22.4	0.66	731	1.68	2.04	8.9	0.8	670
N813011		3.15	16.35	0.16	1.3	0.038	2.21	20.8	24.3	0.85	732	2.74	1.10	8.6	0.3	670
N813012		2.93	16.25	0.16	1.2	0.037	2.26	16.2	18.1	0.48	744	7.63	1.54	8.5	<0.2	630
N813013		3.03	16.75	0.17	1.2	0.038	2.43	17.2	21.9	0.52	671	2.52	1.42	9.0	0.7	660
N813014		3.24	16.35	0.17	1.3	0.044	2.53	21.6	17.3	0.71	706	1.88	1.98	8.9	1.0	650
N813015		3.16	16.30	0.19	1.2	0.043	2.47	21.9	16.6	0.69	682	2.06	1.94	8.8	1.0	630
N813016		3.08	16.10	0.18	1.3	0.040	2.40	22.3	15.5	0.80	707	1.29	2.14	8.6	1.0	630
N813017		3.27	16.70	0.20	1.3	0.041	2.46	25.1	15.6	0.81	774	1.20	2.15	9.0	0.9	640
N813018		3.03	16.15	0.19	1.2	0.039	2.63	23.9	13.1	0.69	655	1.04	2.18	8.6	0.9	640
N813019		6.92	13.65	0.18	1.0	1.735	2.62	23.8	22.2	0.93	1920	14.00	0.05	6.4	14.0	450
N813020		2.82	16.65	0.17	1.2	0.041	2.29	17.9	71.7	0.21	659	2.22	0.46	8.7	1.2	640
N813021		3.34	13.65	0.16	0.9	0.046	1.59	14.1	149.5	0.22	1560	8.37	0.03	6.4	2.6	440
N813022		3.14	17.35	0.19	1.2	0.038	2.50	24.9	28.3	0.48	684	1.96	1.48	8.1	2.6	610
N813023		4.84	14.85	0.18	1.0	0.149	2.54	23.3	34.0	0.45	1580	3.00	0.05	7.1	2.9	530
N813024		0.49	0.36	0.28	<0.1	<0.005	0.05	0.6	1.2	12.75	214	0.62	0.01	0.3	3.5	180
N813025		3.28	16.45	0.20	1.1	0.045	2.47	22.8	134.5	0.48	721	1.63	0.64	7.4	2.5	610
N813026		3.25	17.15	0.22	1.1	0.050	2.41	23.4	107.5	0.56	796	5.17	0.57	7.7	2.6	600
N813027		2.97	17.15	0.23	1.1	0.035	2.43	25.2	151.0	0.72	653	0.76	1.19	7.7	2.5	570
N813028		3.39	16.60	0.23	1.1	0.084	2.54	23.5	22.4	0.78	1200	0.83	1.14	7.5	2.6	580
N813029		3.21	17.00	0.22	1.2	0.040	2.47	24.6	16.6	0.82	659	0.77	2.17	7.9	2.6	610
N813030		2.88	15.75	0.11	1.0	0.040	2.48	17.5	19.1	0.74	658	0.90	1.99	7.5	3.1	610
N813031		3.14	16.15	0.23	1.1	0.043	2.54	27.8	13.5	0.79	870	0.96	1.67	7.5	2.7	590
N813032		4.94	16.05	0.26	1.3	0.080	2.86	34.9	39.4	1.26	2220	0.61	0.38	7.9	3.3	620
N813033		4.32	13.55	0.24	1.2	0.073	2.82	34.2	33.4	1.30	1860	0.61	0.56	7.9	2.7	610
N813034		3.10	17.45	0.23	1.4	0.039	2.49	26.5	10.9	0.80	646	1.39	2.07	8.2	2.7	600
N813035		3.62	14.25	0.23	1.4	0.040	1.30	34.2	9.8	1.20	1350	0.19	3.63	6.8	2.5	560
N813036		3.31	15.85	0.23	1.1	0.077	2.54	26.8	11.4	0.77	1860	0.75	1.14	7.7	2.6	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167652

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813001		18.1	96.0	<0.002	0.02	4.44	12.4	1	2.8	369	0.70	<0.05	11.8	0.298	1.00	1.5
N813002		2720	145.0	0.002	4.80	86.2	7.9	2	8.3	87.4	0.50	0.43	11.0	0.179	2.25	5.4
N813003		18.6	74.6	<0.002	0.04	25.6	9.1	1	2.0	64.9	0.60	<0.05	6.0	0.282	1.34	2.5
N813004		16.0	79.7	<0.002	0.02	3.22	11.9	1	2.3	381	0.69	<0.05	11.0	0.290	0.93	1.3
N813005		17.5	82.9	<0.002	0.01	8.84	11.4	1	3.6	271	0.72	<0.05	9.7	0.290	1.05	1.5
N813006		26.0	157.5	<0.002	0.07	18.90	9.9	1	2.1	96.3	0.52	<0.05	11.2	0.235	2.18	5.3
N813007		16.9	147.0	<0.002	0.10	22.1	10.0	1	1.9	86.6	0.51	<0.05	11.0	0.236	2.09	6.3
N813008		19.3	96.6	<0.002	<0.01	2.31	13.0	1	1.9	418	0.72	<0.05	11.9	0.297	1.11	1.6
N813009		1.5	2.0	<0.002	0.01	0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N813010		23.9	96.5	<0.002	0.01	2.83	12.9	1	1.9	382	0.71	<0.05	11.9	0.291	1.12	1.7
N813011		18.1	69.7	<0.002	<0.01	3.16	11.7	1	1.8	246	0.71	<0.05	9.9	0.285	0.88	2.0
N813012		18.2	71.7	<0.002	<0.01	2.61	11.1	1	2.2	302	0.69	<0.05	8.4	0.278	1.01	2.2
N813013		17.4	87.5	<0.002	0.01	6.26	12.1	1	2.1	272	0.76	<0.05	11.1	0.286	1.07	2.0
N813014		19.3	95.1	<0.002	0.02	3.44	12.4	1	2.0	362	0.77	<0.05	12.0	0.287	1.07	2.2
N813015		19.1	99.4	<0.002	0.02	3.42	12.6	1	2.1	354	0.75	<0.05	12.4	0.277	1.05	2.2
N813016		22.0	89.1	<0.002	0.03	0.97	12.4	1	1.8	388	0.72	<0.05	12.2	0.275	0.94	1.9
N813017		23.7	100.5	<0.002	0.01	1.51	13.8	1	1.9	379	0.73	<0.05	13.3	0.289	0.99	2.2
N813018		27.9	106.5	<0.002	0.04	1.71	12.1	1	1.8	376	0.71	<0.05	13.1	0.273	1.15	1.9
N813019		2860	153.0	0.002	5.01	89.6	8.6	2	8.4	93.1	0.51	0.40	11.5	0.184	2.34	5.5
N813020		24.3	88.5	<0.002	0.09	21.9	11.4	1	2.6	162.5	0.73	<0.05	10.6	0.279	1.76	2.7
N813021		30.1	66.4	<0.002	0.10	37.7	8.3	1	2.0	140.5	0.51	<0.05	8.1	0.219	1.59	5.2
N813022		17.8	106.5	<0.002	0.02	7.19	11.7	1	1.8	291	0.67	<0.05	13.2	0.279	1.06	2.5
N813023		37.8	141.5	<0.002	0.96	19.05	11.0	1	2.3	68.5	0.57	<0.05	12.9	0.249	1.95	5.3
N813024		1.3	2.2	<0.002	0.01	0.06	0.4	1	<0.2	39.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813025		18.5	103.0	<0.002	0.09	15.20	11.1	1	2.6	181.0	0.63	<0.05	13.2	0.276	1.42	3.9
N813026		16.2	123.0	<0.002	0.08	12.60	12.0	1	1.9	182.0	0.61	<0.05	11.5	0.272	1.75	3.7
N813027		17.0	98.6	<0.002	0.03	8.87	11.9	1	1.8	282	0.61	<0.05	13.3	0.273	1.10	3.0
N813028		22.8	123.0	<0.002	0.16	4.22	11.8	1	2.3	232	0.58	<0.05	12.6	0.258	1.42	2.9
N813029		16.8	104.5	<0.002	0.01	1.79	12.6	1	1.8	383	0.63	<0.05	12.7	0.283	0.92	2.1
N813030		17.3	87.0	0.002	0.01	1.93	10.4	1	1.6	370	0.65	<0.05	9.7	0.269	0.98	1.9
N813031		21.1	108.5	<0.002	0.04	5.31	11.5	1	1.9	330	0.61	<0.05	14.3	0.269	1.07	2.7
N813032		9.9	141.0	<0.002	1.20	13.35	12.0	1	2.2	165.5	0.62	<0.05	14.9	0.271	1.73	8.5
N813033		10.4	145.0	<0.002	0.57	13.30	12.2	1	2.1	176.5	0.62	<0.05	15.2	0.281	1.62	4.7
N813034		18.1	106.0	<0.002	0.02	2.60	12.5	2	2.0	365	0.69	<0.05	13.8	0.275	0.87	3.1
N813035		12.0	68.6	<0.002	0.59	16.65	11.3	2	2.0	253	0.58	0.12	14.6	0.233	0.68	6.5
N813036		13.6	142.0	<0.002	0.39	4.73	12.1	2	1.9	275	0.60	<0.05	13.1	0.264	1.49	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167652

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813001		86	1.2	17.2	52	36.5
N813002		55	5.4	9.9	5110	25.1
N813003		87	4.0	10.7	80	27.0
N813004		85	1.2	17.4	49	31.9
N813005		86	1.8	15.4	58	32.1
N813006		68	2.7	14.9	79	24.9
N813007		70	3.2	14.7	68	24.1
N813008		89	1.2	18.1	57	31.1
N813009		2	0.1	0.9	14	<0.5
N813010		85	4.7	17.0	62	31.1
N813011		85	3.7	18.8	59	31.1
N813012		82	2.6	16.1	54	28.8
N813013		84	2.9	16.0	61	29.9
N813014		85	4.1	18.1	63	29.8
N813015		81	3.1	18.3	61	28.7
N813016		80	1.7	17.3	63	30.4
N813017		86	2.2	19.6	65	30.7
N813018		80	2.3	17.5	67	31.8
N813019		57	5.5	10.4	5610	27.2
N813020		81	2.4	13.5	62	30.8
N813021		68	4.6	12.7	70	27.3
N813022		80	3.9	16.9	53	34.4
N813023		75	4.2	13.5	116	26.8
N813024		3	0.1	0.7	11	<0.5
N813025		80	3.1	15.4	62	30.8
N813026		79	1.9	15.5	62	31.0
N813027		80	1.2	16.7	54	31.8
N813028		75	2.1	15.7	70	30.9
N813029		83	0.8	16.8	53	32.9
N813030		77	0.8	13.9	54	28.1
N813031		76	2.1	16.6	64	31.4
N813032		71	3.3	16.9	84	37.3
N813033		65	2.0	15.4	80	34.9
N813034		78	2.9	17.6	58	38.6
N813035		60	4.6	16.8	86	37.9
N813036		78	1.5	17.8	53	30.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167652

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167653

Project: Klaza - 84

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

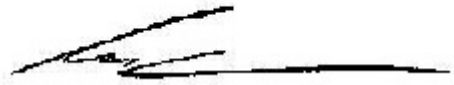
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167653

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813037		3.34	<0.005	1.04	7.60	12.8	2020	1.55	0.08	2.94	0.16	45.4	7.9	18	5.52	16.4
N813038		3.92	<0.005	0.45	7.83	8.8	2190	1.73	0.07	3.04	0.09	44.4	8.6	16	6.01	12.2
N813039		6.86	<0.005	0.36	7.36	7.3	2040	1.60	0.07	3.56	0.13	41.4	8.7	12	10.55	10.2
N813040		0.26	0.815	10.10	6.77	1980	190	1.77	6.63	2.01	43.8	39.8	17.5	21	16.75	113.0
N813041		2.11	0.006	0.32	7.19	17.2	1460	1.66	0.09	3.32	0.21	39.7	7.6	12	14.95	8.5
N813042		2.02	<0.005	1.36	6.74	22.2	840	1.41	3.15	5.17	0.60	36.6	8.0	7	10.85	79.5
N813043		4.46	<0.005	0.76	7.27	7.1	1890	1.62	0.81	2.97	0.87	39.8	8.2	12	8.97	26.2
N813044		2.95	<0.005	0.78	7.43	6.1	1920	1.58	1.20	2.85	0.89	36.1	7.7	11	8.11	26.1
N813045		3.61	<0.005	0.21	6.20	6.6	1000	1.31	0.65	8.03	0.13	46.8	6.1	7	12.85	8.7
N813046		2.75	<0.005	0.04	0.05	<5	20	<0.05	0.02	21.5	0.07	1.09	0.5	<1	0.12	2.3
N813047		2.84	0.044	0.53	7.11	72.6	440	1.61	0.15	3.45	0.46	56.4	7.4	7	17.50	4.5
N813048		5.19	<0.005	0.16	7.76	14.1	1000	1.90	2.51	1.78	0.12	35.9	6.9	9	15.10	6.6
N813049		3.14	<0.005	0.17	7.34	13.3	540	1.72	3.36	1.16	0.08	56.1	6.8	10	18.30	11.6
N813050		2.64	<0.005	0.29	7.38	11.0	1250	1.70	2.11	2.08	0.19	46.0	8.6	9	10.85	2.2
N813051		4.94	<0.005	0.10	7.75	3.7	1940	1.60	0.11	2.76	0.09	45.9	8.2	12	9.42	13.5
N813052		4.34	<0.005	0.11	7.23	3.6	1880	1.54	0.06	2.92	0.09	43.6	8.9	12	9.21	10.6
N813053		7.46	<0.005	0.14	7.49	3.7	2060	1.64	0.05	2.82	0.12	46.4	8.6	13	9.93	10.9
N813054		0.28	2.39	24.0	5.74	3320	1480	1.33	18.75	2.12	76.2	42.3	9.9	17	13.15	408
N813055		5.59	<0.005	0.29	7.69	4.8	1990	1.63	0.09	3.05	0.16	45.3	9.2	13	7.75	12.9
N813056		3.10	<0.005	0.10	7.11	3.5	1830	1.54	0.13	2.90	0.07	42.4	7.8	11	16.85	10.8
N813057		3.87	0.031	1.02	7.02	174.5	1290	1.33	0.16	3.34	7.53	49.4	8.0	13	17.05	18.5
N813058		2.72	0.029	1.04	4.03	207	500	0.98	0.08	6.10	3.04	28.1	5.5	6	10.90	12.2
N813059		2.64	<0.005	0.08	0.08	<5	30	0.10	0.01	20.3	0.10	1.19	0.6	<1	0.19	2.1
N813060		2.85	<0.005	0.21	7.13	31.8	1360	1.47	0.06	2.79	0.36	42.7	7.2	8	19.45	10.3
N813061		3.94	<0.005	0.30	7.13	23.8	1800	1.73	0.07	2.78	0.14	39.2	8.4	12	17.35	12.8
N813062		3.00	0.016	0.59	7.21	50.4	1540	1.60	0.09	2.64	0.17	47.7	8.3	12	13.85	16.8
N813063		4.55	<0.005	0.11	7.27	7.1	1910	1.55	0.07	3.07	0.12	45.2	8.7	12	14.30	11.5
N813064		6.27	<0.005	0.12	7.14	5.7	1860	1.59	0.08	3.05	0.12	42.5	8.8	14	13.35	11.9
N813065		2.43	0.007	2.34	6.90	168.0	1590	1.52	0.12	4.08	0.58	41.6	8.7	9	13.45	17.6
N813066		6.54	0.008	0.61	6.81	39.3	1690	1.49	0.09	2.74	0.26	39.9	7.9	14	12.15	11.8
N813901		<0.02	0.011	0.55	6.97	38.8	1750	1.42	0.08	2.84	0.25	38.6	7.7	11	11.90	11.3
N813067		2.26	<0.005	0.13	7.04	32.6	1980	1.33	0.08	2.79	0.13	40.2	8.2	13	12.50	15.5
N813068		5.69	0.013	0.85	7.22	124.5	930	1.56	0.13	2.56	6.46	48.3	6.8	10	12.80	13.6
N813069		2.48	0.007	0.57	7.39	111.0	1730	1.60	0.15	2.64	0.22	46.8	8.4	11	17.75	17.2
N813070		3.18	<0.005	0.13	6.69	14.9	1550	1.41	0.11	3.32	0.18	35.7	8.5	9	17.20	12.2
N813071		2.51	<0.005	0.09	7.85	4.1	1890	1.40	0.09	2.74	0.09	46.0	7.9	12	11.85	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813037		3.29	16.10	0.11	1.3	0.027	2.41	20.8	12.1	1.01	933	0.82	2.30	7.4	4.8	640
N813038		3.46	16.80	0.11	1.4	0.038	2.56	21.7	11.9	1.03	937	0.63	2.38	7.8	3.8	680
N813039		3.27	16.75	0.13	1.3	0.033	2.55	20.0	16.3	0.90	920	0.91	2.01	7.9	3.5	650
N813040		5.58	16.05	0.12	1.5	0.899	2.94	19.7	26.8	0.73	2100	12.75	0.28	7.5	16.5	540
N813041		3.55	15.35	0.12	1.2	0.116	2.87	17.8	14.3	0.81	2090	0.61	1.17	7.1	2.9	650
N813042		3.63	15.45	0.13	1.2	0.105	1.81	17.8	28.1	0.66	1180	7.46	0.30	7.3	2.7	640
N813043		3.43	16.60	0.11	1.4	0.074	2.30	17.3	13.7	0.85	872	1.02	1.95	7.7	3.0	660
N813044		3.46	15.60	0.12	1.3	0.082	2.34	16.8	13.5	0.86	843	1.27	1.97	7.4	3.0	670
N813045		2.39	13.10	0.11	1.1	0.050	1.91	26.3	26.7	0.65	1350	0.38	0.29	5.8	2.2	510
N813046		0.48	0.16	0.08	<0.1	0.005	0.02	0.5	0.9	13.20	223	0.14	0.01	0.1	2.0	170
N813047		4.53	14.60	0.16	1.4	0.348	3.06	32.7	43.2	1.19	4010	0.78	0.11	6.9	2.9	610
N813048		3.98	20.0	0.15	1.7	0.325	1.95	15.8	56.1	0.57	1510	0.41	0.18	8.9	2.5	770
N813049		3.93	18.00	0.14	1.6	0.381	1.33	31.8	42.0	0.54	1610	0.26	0.06	9.3	2.4	790
N813050		3.62	14.80	0.15	1.5	0.074	2.28	22.8	28.9	0.84	2370	0.43	0.07	7.5	2.9	690
N813051		3.18	16.30	0.12	1.6	0.039	2.49	22.3	22.7	0.80	725	0.96	1.67	8.0	2.9	630
N813052		3.39	16.05	0.13	1.3	0.030	2.35	20.3	17.9	0.94	896	0.92	2.06	8.3	2.9	620
N813053		3.15	16.30	0.12	1.2	0.024	2.51	22.7	22.3	0.91	705	1.61	2.16	7.8	2.7	600
N813054		6.42	13.30	0.14	0.9	1.800	2.46	22.3	24.2	0.87	1820	12.25	0.04	5.5	14.3	420
N813055		3.33	16.50	0.13	1.3	0.028	2.39	20.9	18.7	0.98	815	3.30	2.16	7.8	2.6	630
N813056		3.00	15.80	0.12	1.2	0.037	2.43	20.6	12.4	0.71	698	0.99	1.83	7.4	2.4	590
N813057		3.44	14.40	0.12	1.1	0.095	2.74	26.4	29.5	0.97	2770	1.38	0.22	6.4	2.3	540
N813058		3.50	8.63	0.09	0.7	0.097	1.63	16.2	31.6	1.88	6380	0.70	0.06	3.9	1.8	290
N813059		0.45	0.22	0.08	<0.1	<0.005	0.02	0.6	1.2	12.30	217	0.19	0.01	0.2	1.3	140
N813060		2.79	15.25	0.13	1.2	0.025	2.48	20.6	59.6	0.84	1250	0.90	0.13	7.3	2.2	600
N813061		3.20	16.65	0.13	1.4	0.058	2.65	20.4	14.0	0.77	1300	1.19	1.73	8.0	2.7	600
N813062		3.67	15.60	0.13	1.4	0.152	3.10	21.8	15.2	0.84	2580	1.17	1.25	7.5	2.5	610
N813063		3.20	15.85	0.13	1.4	0.024	2.47	22.4	15.8	0.85	865	1.61	1.95	8.2	2.7	650
N813064		3.13	16.35	0.12	1.3	0.028	2.53	20.6	14.9	0.86	1000	0.90	1.83	8.0	2.9	610
N813065		3.26	15.80	0.12	1.1	0.060	2.82	20.5	28.7	0.99	2150	0.70	0.88	7.1	2.6	580
N813066		3.38	15.85	0.12	1.1	0.045	2.49	19.4	19.8	0.82	1840	1.63	1.53	7.2	2.6	580
N813901		3.48	15.85	0.13	1.2	0.051	2.49	18.1	19.8	0.83	1860	0.97	1.59	7.4	2.6	600
N813067		3.23	15.35	0.11	1.2	0.028	2.44	19.0	16.3	0.80	828	1.79	1.92	7.3	2.7	640
N813068		3.88	14.75	0.12	1.0	0.182	2.87	25.9	80.5	0.92	5240	0.74	0.09	7.0	2.4	580
N813069		3.41	16.45	0.14	1.2	0.082	2.76	22.6	15.8	0.73	1600	2.87	1.61	7.8	2.7	630
N813070		3.15	15.00	0.12	1.1	0.014	2.25	17.7	46.1	0.94	954	4.19	1.00	7.1	2.5	590
N813071		3.18	17.05	0.12	1.5	0.033	2.44	21.6	25.6	0.75	712	1.00	1.43	8.5	2.6	740

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813037		27.1	81.4	0.002	0.01	2.53	10.6	1	1.7	448	0.65	<0.05	11.6	0.271	1.04	3.3
N813038		22.2	90.5	<0.002	0.04	1.80	11.7	1	1.8	423	0.67	<0.05	12.0	0.289	1.16	4.6
N813039		22.2	86.9	<0.002	0.05	2.49	11.0	1	1.8	432	0.67	<0.05	10.6	0.280	1.21	4.7
N813040		1420	146.0	0.002	3.34	35.1	9.0	2	6.2	156.5	0.65	0.31	11.2	0.215	2.79	5.2
N813041		26.2	108.5	0.002	0.32	5.19	10.3	1	1.9	273	0.62	<0.05	10.3	0.272	2.03	5.0
N813042		69.6	53.8	0.003	0.18	16.40	11.2	1	5.0	155.0	0.58	<0.05	9.5	0.270	1.47	6.4
N813043		67.8	76.5	0.002	0.07	4.72	11.5	2	3.0	394	0.67	0.06	10.2	0.283	1.25	3.6
N813044		65.5	78.3	<0.002	0.06	4.14	10.9	1	2.9	386	0.63	0.06	10.0	0.284	1.18	3.4
N813045		17.3	94.9	0.003	0.04	12.60	10.2	1	2.6	214	0.50	0.18	10.4	0.210	1.18	4.7
N813046		1.9	0.9	0.003	0.01	0.20	0.2	<1	0.2	48.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813047		55.8	195.5	0.003	1.04	17.05	11.1	2	1.6	118.0	0.61	<0.05	13.0	0.251	3.29	6.0
N813048		18.8	66.1	<0.002	0.04	36.9	12.7	1	5.8	114.0	0.79	<0.05	10.5	0.309	1.45	2.9
N813049		13.9	82.5	0.003	0.01	41.5	13.8	1	9.3	71.7	0.82	<0.05	16.9	0.334	1.06	2.7
N813050		13.9	102.0	<0.002	0.16	18.30	11.9	1	2.0	78.9	0.67	0.06	12.8	0.283	1.79	4.2
N813051		18.2	99.9	<0.002	0.01	3.72	11.5	1	1.7	353	0.72	<0.05	13.3	0.280	0.93	3.3
N813052		15.2	93.2	<0.002	0.01	1.87	12.0	1	1.7	391	0.64	<0.05	11.2	0.301	0.98	2.8
N813053		15.7	102.0	<0.002	0.01	1.69	12.2	1	1.7	413	0.59	<0.05	13.0	0.286	0.94	3.7
N813054		2640	160.0	<0.002	4.61	85.2	7.4	1	7.3	88.1	0.42	0.43	11.0	0.169	2.11	5.4
N813055		16.9	94.3	<0.002	0.01	1.42	12.6	1	1.8	415	0.58	<0.05	12.1	0.293	0.91	3.8
N813056		15.5	100.5	<0.002	0.01	4.80	10.5	1	2.0	370	0.57	<0.05	12.4	0.275	0.99	3.4
N813057		307	156.0	<0.002	0.86	29.5	10.1	<1	2.1	147.5	0.53	<0.05	13.8	0.240	1.94	4.4
N813058		261	117.5	<0.002	0.61	38.6	6.4	1	1.2	118.5	0.33	<0.05	7.8	0.142	1.51	4.6
N813059		3.1	1.3	<0.002	0.01	0.20	0.2	<1	0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813060		38.1	97.0	<0.002	0.10	14.65	10.7	1	1.6	158.0	0.62	<0.05	12.6	0.275	1.78	3.7
N813061		22.8	123.5	<0.002	0.07	3.69	11.1	1	1.6	353	0.65	<0.05	11.9	0.272	1.36	3.9
N813062		31.4	160.0	<0.002	0.53	7.58	10.6	1	1.8	278	0.67	<0.05	13.3	0.267	1.96	5.1
N813063		18.8	109.0	<0.002	0.02	2.06	11.2	2	1.8	397	0.76	<0.05	13.1	0.284	1.10	5.2
N813064		17.0	109.0	0.002	0.03	2.58	10.9	1	1.9	383	0.64	<0.05	11.4	0.278	1.30	3.9
N813065		24.2	142.5	0.002	0.28	12.00	10.2	1	1.7	272	0.54	<0.05	10.8	0.250	1.84	4.2
N813066		125.5	100.5	<0.002	0.20	7.81	10.5	1	2.0	321	0.56	<0.05	12.6	0.266	1.28	4.1
N813901		107.0	102.0	<0.002	0.20	6.93	10.3	1	1.9	331	0.57	<0.05	11.0	0.267	1.26	3.2
N813067		17.4	94.9	<0.002	0.07	2.50	10.9	1	1.9	401	0.59	<0.05	11.6	0.296	1.12	3.2
N813068		370	180.5	<0.002	0.52	35.8	10.7	1	2.5	136.5	0.51	<0.05	14.4	0.257	2.36	4.4
N813069		27.3	135.0	<0.002	0.22	8.07	11.6	2	2.1	343	0.58	<0.05	12.7	0.286	1.55	3.7
N813070		16.8	78.1	<0.002	0.07	8.21	10.4	1	1.7	295	0.57	<0.05	10.6	0.270	1.38	3.2
N813071		15.4	92.6	<0.002	0.01	4.44	12.1	1	1.9	322	0.71	<0.05	12.4	0.313	1.06	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813037		80	0.5	15.2	61	28.6
N813038		87	0.7	15.8	64	32.3
N813039		83	0.9	15.6	62	32.7
N813040		62	5.8	11.3	3240	42.0
N813041		81	2.3	13.8	80	29.7
N813042		87	3.5	12.9	123	30.9
N813043		85	1.2	14.1	140	33.5
N813044		84	1.2	13.3	142	30.9
N813045		64	3.2	19.5	60	26.2
N813046		2	0.1	0.8	18	<0.5
N813047		79	7.2	15.8	138	32.8
N813048		98	8.8	13.3	133	38.1
N813049		97	8.5	15.2	149	36.7
N813050		75	2.4	14.7	156	34.5
N813051		81	1.9	16.8	62	34.2
N813052		91	1.3	17.1	64	32.0
N813053		84	2.0	16.7	58	30.3
N813054		53	4.8	9.1	4860	22.6
N813055		88	7.8	17.2	65	31.4
N813056		80	2.1	14.0	56	28.5
N813057		71	3.6	14.3	556	26.2
N813058		46	3.0	12.7	314	15.9
N813059		2	0.1	0.8	20	<0.5
N813060		81	3.4	14.7	82	28.8
N813061		80	2.2	15.7	67	32.4
N813062		76	3.8	15.3	79	30.1
N813063		84	1.8	17.2	62	33.7
N813064		80	2.0	15.1	58	29.7
N813065		80	2.0	15.2	128	26.8
N813066		77	2.4	15.1	67	27.5
N813901		78	3.9	14.7	71	27.9
N813067		86	2.6	14.7	61	27.4
N813068		73	7.4	14.9	564	26.8
N813069		84	6.0	15.1	77	29.0
N813070		81	8.7	15.6	70	25.8
N813071		88	2.9	16.7	56	33.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12167653

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167655

Project: Klaza - 85

P.O. No.: Batch 2

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

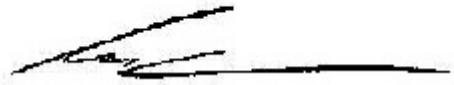
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167655

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810003		4.61	0.018	0.64	6.69	32.9	2610	2.00	0.60	2.52	1.84	60.5	5.1	8	20.2	27.1
N810004		9.38	<0.005	0.06	6.87	8.8	1170	1.82	0.06	2.75	0.19	53.4	5.1	18	29.4	5.7
N810005		11.12	<0.005	0.05	6.72	10.4	1010	1.75	0.03	2.68	0.10	51.3	4.6	12	29.5	4.7
N810006		11.78	<0.005	0.02	7.02	8.4	920	1.89	0.02	2.62	0.06	51.2	4.6	13	32.6	2.6
N810007		11.79	<0.005	0.07	7.29	13.8	1740	1.91	0.02	2.71	0.05	56.6	4.9	13	35.2	4.4
N810008		10.53	<0.005	0.04	7.38	19.7	1620	1.55	0.02	2.74	0.07	56.5	4.7	14	29.3	3.5
N810009		5.70	<0.005	0.06	6.80	13.5	1300	1.45	0.01	2.60	0.07	52.1	4.2	12	30.2	2.9
N810010		0.23	4.33	>100	5.30	8130	230	1.21	60.8	2.01	222	36.0	9.0	19	12.55	1280
N810011		5.77	<0.005	0.08	6.90	10.9	760	1.52	0.03	2.48	0.12	52.6	4.2	13	27.1	2.6
N810012		4.82	<0.005	0.09	6.77	19.3	1130	1.54	0.08	3.13	0.14	56.1	5.1	19	19.10	4.5
N810013		5.44	0.067	4.67	6.88	164.0	990	1.51	3.65	0.38	16.75	66.4	4.7	7	13.65	270
N810014		6.64	0.414	5.42	6.21	382	130	1.29	5.29	0.39	33.9	47.4	8.8	7	11.65	74.9
N810015		5.61	0.021	0.55	7.04	71.0	1440	1.57	0.50	1.64	3.68	54.0	4.0	7	16.05	6.0
N810016		9.45	0.168	2.79	5.65	221	250	1.29	2.25	1.73	10.95	42.2	4.9	11	11.45	42.9
N810017		3.07	<0.005	0.02	0.16	<5	140	0.08	0.02	22.2	0.10	1.29	1.6	2	0.61	2.0
N810018		6.05	1.710	29.6	4.69	947	180	1.04	26.2	2.93	59.3	26.9	5.4	6	7.37	904
N810019		6.29	0.019	0.42	7.27	62.0	1490	1.55	0.30	2.31	1.94	59.0	5.3	8	22.2	40.0
N810020		8.69	0.024	0.49	7.42	45.8	2600	1.30	0.42	1.49	4.20	59.6	6.1	7	19.30	29.1
N810021		6.04	0.082	0.89	7.05	127.5	1860	1.45	0.78	2.29	7.06	61.6	4.0	8	17.95	18.7
N810022		3.77	0.009	0.50	6.78	39.2	1890	1.41	0.71	2.33	1.63	38.1	4.0	7	10.80	47.0
N810023		1.72	0.033	0.85	7.34	42.4	1980	1.57	1.16	2.39	5.11	51.2	3.7	7	12.60	63.2
N810024		4.35	0.056	0.59	6.95	44.4	1430	1.56	0.59	2.99	1.27	47.7	5.2	12	12.65	45.1
N810025		4.23	0.031	0.72	7.28	31.0	1260	1.49	0.58	1.99	10.25	50.3	4.3	9	12.15	36.7
N810026		7.90	0.020	0.22	7.71	28.3	1270	1.35	0.30	2.54	0.61	54.5	4.8	8	15.30	13.5
N810027		0.24	0.787	9.78	7.08	1880	1420	1.55	6.86	2.05	41.2	49.1	17.0	21	17.40	113.5
N810028		6.56	0.006	0.12	7.24	12.4	1360	1.60	0.21	2.39	0.18	46.6	4.4	8	14.55	6.8
N810029		6.59	0.078	0.87	6.90	453	1550	1.24	0.71	2.47	6.51	41.0	6.3	7	7.23	28.4
N810030		4.17	0.042	0.90	7.11	166.0	1430	1.46	1.10	1.73	4.61	56.2	3.6	10	7.77	31.0
N810031		5.07	0.040	1.36	7.25	64.3	1300	1.73	1.06	2.09	13.35	53.4	6.6	9	8.10	23.9
N810032		6.91	0.016	0.23	7.10	22.3	2090	1.54	0.37	2.79	0.34	47.8	6.7	10	11.15	3.3
N810033		7.46	0.007	0.17	6.84	13.9	2390	1.49	0.26	3.21	0.13	37.7	9.4	8	13.85	2.2
N810034		<0.02	<0.005	0.14	6.90	13.2	2390	1.47	0.27	3.24	0.10	39.7	8.9	8	13.90	3.1
N810035		8.59	0.009	0.26	7.48	37.1	2320	1.45	0.38	2.18	0.59	49.4	4.9	8	14.50	6.1
N810036		4.97	0.042	1.65	6.85	86.4	1540	1.56	0.51	3.34	3.19	49.4	4.6	6	17.05	34.5
N810037		2.91	<0.005	0.03	0.26	<5	200	0.16	0.11	21.0	0.06	1.77	0.8	6	0.63	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167655

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810003		2.38	15.60	0.24	1.6	0.064	2.33	35.5	116.5	0.92	649	3.26	0.05	8.1	4.4	450
N810004		2.33	19.75	0.24	2.4	0.029	2.58	27.3	43.6	0.87	519	0.45	0.05	8.8	9.7	730
N810005		2.27	18.75	0.23	1.6	0.028	2.42	26.0	56.1	0.81	549	0.27	0.04	8.4	5.1	780
N810006		2.34	20.1	0.23	1.7	0.029	2.70	25.1	82.5	0.77	569	0.27	0.05	9.1	4.9	800
N810007		2.48	19.55	0.24	1.7	0.028	2.77	29.2	48.2	0.85	604	0.37	0.05	9.3	5.2	820
N810008		2.32	20.3	0.25	1.8	0.030	2.73	28.7	146.5	0.88	563	0.32	0.06	9.1	5.3	840
N810009		2.31	18.95	0.25	1.6	0.028	2.52	27.0	49.1	0.81	590	1.27	0.05	8.8	4.7	770
N810010		8.27	13.00	0.26	1.0	4.63	2.25	19.0	32.0	0.63	3000	14.45	0.08	5.6	13.0	440
N810011		2.27	18.70	0.22	1.7	0.030	2.57	27.0	102.5	0.77	582	0.80	0.06	8.7	4.9	780
N810012		2.13	19.70	0.23	2.6	0.026	1.76	29.8	490	1.07	562	0.59	0.08	9.2	10.5	700
N810013		5.65	16.80	0.23	1.0	1.240	3.02	42.6	32.3	0.57	2100	2.47	0.05	6.6	2.8	530
N810014		5.44	16.60	0.23	0.9	0.921	2.93	26.8	21.7	0.36	761	5.57	0.04	6.0	3.4	460
N810015		3.36	16.35	0.22	1.2	0.142	2.34	31.0	101.0	0.68	1750	2.54	0.03	7.5	2.0	530
N810016		5.18	14.10	0.22	1.0	0.459	2.50	23.7	24.7	0.76	2360	9.06	0.03	5.8	3.1	390
N810017		0.51	0.47	0.32	<0.1	0.005	0.07	0.7	1.9	13.20	232	0.12	0.01	0.4	3.3	180
N810018		7.26	11.10	0.22	0.7	0.832	2.16	12.6	15.6	0.87	3850	14.95	0.02	4.4	1.6	310
N810019		2.83	16.90	0.23	1.2	0.059	2.93	35.1	53.7	0.89	1440	4.48	0.04	7.9	2.4	540
N810020		3.10	17.55	0.23	1.4	0.079	3.12	33.9	36.2	0.61	876	1.50	0.08	7.8	2.4	550
N810021		3.77	16.95	0.23	1.1	0.143	3.00	38.0	19.8	0.95	1830	5.76	0.04	7.3	2.3	530
N810022		2.55	14.85	0.17	1.4	0.095	2.95	19.2	33.7	0.67	997	7.69	0.21	6.7	2.0	530
N810023		2.79	15.45	0.16	1.2	0.130	3.06	27.3	25.6	0.67	1090	4.94	0.21	7.1	2.2	530
N810024		3.41	13.80	0.12	1.2	0.117	3.03	25.5	25.2	0.76	1230	4.63	0.37	7.2	2.0	520
N810025		4.10	13.95	0.15	1.2	0.236	2.77	27.5	56.2	0.78	1480	2.61	0.05	7.4	2.2	520
N810026		2.86	14.60	0.17	1.2	0.084	2.83	29.9	51.8	0.91	1050	1.83	0.08	7.3	2.1	560
N810027		5.54	14.45	0.17	1.3	1.020	3.09	25.9	25.5	0.74	2130	11.85	0.28	8.1	16.2	520
N810028		2.96	15.00	0.15	1.2	0.039	2.34	23.5	34.5	0.50	784	1.75	0.84	7.1	2.1	560
N810029		2.71	14.25	0.14	1.0	0.138	2.95	22.7	33.4	0.83	1580	1.88	0.08	5.7	2.1	520
N810030		3.27	15.05	0.16	1.1	0.214	2.87	31.4	43.0	0.74	1300	0.65	0.08	6.1	1.8	480
N810031		3.62	15.70	0.15	1.1	0.279	2.99	28.8	40.3	0.81	1960	0.72	0.09	6.5	1.8	540
N810032		2.96	14.75	0.15	1.2	0.060	2.80	27.3	16.8	0.65	800	2.19	1.28	6.7	2.5	540
N810033		2.59	14.45	0.15	1.3	0.037	2.83	17.8	10.0	0.68	641	1.24	1.64	7.1	4.6	540
N810034		2.63	14.50	0.17	1.1	0.032	2.79	18.4	10.2	0.69	651	1.25	1.66	7.3	4.5	540
N810035		3.02	15.10	0.17	1.2	0.060	3.22	26.4	31.0	0.82	837	1.94	0.56	7.0	2.3	540
N810036		4.09	12.95	0.15	1.2	0.138	2.64	28.5	24.8	1.35	3200	1.99	0.04	6.0	2.0	470
N810037		0.50	0.62	0.16	<0.1	0.006	0.12	0.9	2.1	12.50	223	0.16	0.01	0.3	3.2	220

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167655

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810003		44.8	121.0	<0.002	0.18	22.0	8.3	1	2.7	243	0.77	<0.05	19.7	0.188	1.29	6.8
N810004		12.4	98.0	<0.002	0.03	6.55	6.4	1	1.4	338	0.65	<0.05	8.9	0.265	1.11	3.1
N810005		10.8	94.8	<0.002	0.03	13.50	6.2	1	1.2	243	0.62	<0.05	8.0	0.262	0.99	3.7
N810006		10.2	101.5	<0.002	0.03	11.35	6.5	1	1.2	266	0.66	<0.05	8.1	0.288	1.12	4.1
N810007		16.1	116.0	<0.002	0.05	8.92	6.6	1	1.3	202	0.66	<0.05	8.7	0.285	1.21	5.7
N810008		11.1	105.5	<0.002	0.06	5.70	6.6	1	1.3	242	0.67	<0.05	8.9	0.299	1.36	3.5
N810009		14.8	108.0	<0.002	0.08	10.40	6.1	1	1.2	191.0	0.62	<0.05	8.2	0.261	1.35	3.9
N810010		9590	134.0	0.002	7.19	226	7.5	3	9.0	117.5	0.43	0.56	8.2	0.183	1.96	4.5
N810011		12.5	105.0	<0.002	0.04	9.12	6.2	1	1.2	200	0.64	<0.05	8.2	0.277	1.39	2.9
N810012		14.8	66.5	<0.002	0.09	5.51	6.4	1	1.4	444	0.68	<0.05	9.1	0.266	1.13	3.6
N810013		422	209	<0.002	1.91	60.7	10.4	1	5.4	48.9	0.54	0.18	14.4	0.202	2.64	2.9
N810014		771	206	0.002	4.46	20.3	9.1	1	7.3	45.7	0.51	0.35	12.2	0.177	2.38	2.3
N810015		144.0	139.0	<0.002	0.85	8.52	10.3	1	2.6	124.0	0.72	0.05	15.3	0.221	1.94	4.3
N810016		303	165.5	<0.002	3.62	38.4	8.2	1	5.0	78.4	0.47	0.17	9.8	0.182	2.41	4.7
N810017		3.1	3.7	<0.002	0.02	0.13	0.4	1	<0.2	44.7	<0.05	<0.05	<0.2	0.006	0.03	0.4
N810018		4480	146.5	0.002	7.32	160.5	5.8	1	8.5	80.8	0.36	0.29	8.1	0.131	2.08	4.1
N810019		96.3	172.5	<0.002	0.44	22.4	10.8	1	2.3	127.5	0.65	0.06	16.6	0.237	2.62	6.1
N810020		109.5	154.5	<0.002	0.34	17.60	11.3	1	2.6	108.0	0.64	0.06	17.2	0.243	1.81	3.8
N810021		174.5	170.0	<0.002	1.13	11.75	10.6	1	3.8	79.3	0.59	0.05	14.7	0.223	2.45	4.9
N810022		179.0	134.5	0.003	0.31	12.85	10.0	1	2.5	109.5	0.59	<0.05	12.9	0.221	2.25	5.7
N810023		504	134.5	<0.002	0.34	14.20	10.4	1	2.6	110.5	0.60	0.05	13.0	0.222	2.33	4.9
N810024		182.5	120.0	0.002	0.63	8.59	9.0	1	2.6	134.5	0.77	0.06	12.0	0.209	2.34	5.6
N810025		381	128.5	<0.002	0.53	8.07	9.1	1	3.0	103.5	0.78	<0.05	13.9	0.216	2.21	8.4
N810026		45.0	124.5	<0.002	0.33	12.10	9.5	1	2.4	86.8	0.69	<0.05	14.7	0.221	2.07	6.9
N810027		1395	162.5	0.002	3.24	33.5	8.7	2	6.0	158.5	0.72	0.29	11.8	0.222	2.58	5.6
N810028		16.4	101.0	<0.002	0.22	6.90	9.1	1	2.2	179.5	0.68	<0.05	11.8	0.221	1.53	3.9
N810029		303	126.0	<0.002	1.01	10.30	8.4	1	2.8	73.9	0.45	0.07	11.7	0.186	2.53	4.1
N810030		193.5	151.0	0.002	0.91	9.54	9.4	1	2.7	61.1	0.55	0.08	14.2	0.183	2.30	5.0
N810031		463	167.0	<0.002	1.11	5.56	9.7	1	3.3	75.2	0.54	0.12	14.8	0.190	2.67	5.3
N810032		43.6	121.5	<0.002	0.45	3.29	9.0	1	2.1	234	0.58	0.05	13.9	0.209	1.91	4.5
N810033		15.0	103.5	<0.002	0.26	3.75	8.6	2	2.0	272	0.66	<0.05	11.5	0.218	1.60	5.3
N810034		14.1	103.0	0.003	0.24	3.72	8.6	<1	2.0	272	0.68	<0.05	10.8	0.220	1.66	5.1
N810035		72.2	138.0	<0.002	0.23	7.52	9.2	1	2.1	173.5	0.66	<0.05	14.0	0.219	1.98	5.9
N810036		854	161.0	<0.002	0.87	20.6	8.3	<1	2.6	79.8	0.46	<0.05	15.6	0.172	2.66	7.8
N810037		5.7	5.1	<0.002	0.02	0.18	0.5	<1	0.3	44.4	<0.05	<0.05	0.2	0.010	0.04	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167655

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810003		48	2.6	17.9	143	49.7		
N810004		51	2.2	13.1	67	86.0		
N810005		49	2.8	12.1	62	49.7		
N810006		53	4.3	12.8	61	51.0		
N810007		53	2.3	13.4	63	51.1		
N810008		54	2.8	13.1	59	53.6		
N810009		46	3.0	12.1	60	48.4		
N810010		54	4.2	8.4	>10000	33.2	123	1.595
N810011		50	3.1	12.0	62	49.1		
N810012		51	2.9	13.4	57	97.3		
N810013		67	5.9	7.7	1250	32.1		
N810014		55	7.1	7.9	2350	27.7		
N810015		63	2.5	14.3	288	34.5		
N810016		54	5.6	8.2	821	32.1		
N810017		3	0.1	0.8	18	0.5		
N810018		39	4.2	7.0	4480	20.6		
N810019		66	4.0	16.1	154	37.3		
N810020		68	3.8	16.8	290	41.7		
N810021		65	5.2	13.6	466	33.6		
N810022		68	1.9	13.7	136	33.1		
N810023		66	2.1	13.7	412	32.6		
N810024		64	2.6	14.2	138	34.3		
N810025		66	5.6	14.3	828	33.7		
N810026		66	3.8	14.6	81	34.9		
N810027		61	5.7	12.5	3130	42.4		
N810028		65	1.3	11.7	53	32.9		
N810029		56	2.2	10.4	540	26.9		
N810030		55	2.9	10.8	466	28.4		
N810031		58	3.8	11.0	1040	30.2		
N810032		63	1.6	11.5	59	34.1		
N810033		62	1.3	13.1	53	30.4		
N810034		61	1.3	13.1	52	30.1		
N810035		62	2.4	13.8	96	30.1		
N810036		50	4.4	11.4	293	30.3		
N810037		4	0.1	1.0	17	0.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167655

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167656

Project: Klaza - 85

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

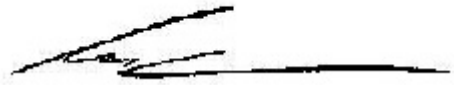
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167656

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810038		10.15	<0.005	0.11	7.35	9.8	2130	1.63	0.17	2.30	0.21	48.7	4.6	12	16.25	11.3
N810039		5.77	0.325	3.07	5.98	393	470	1.32	2.59	1.73	9.69	37.0	4.1	9	7.78	56.1
N810040		4.51	<0.005	1.27	7.28	13.8	1960	1.52	0.24	2.57	9.77	47.7	5.0	15	12.80	10.6
N810041		0.22	2.30	24.2	5.92	3420	1210	1.28	18.15	2.16	72.1	42.2	9.5	16	13.05	429
N810042		9.22	<0.005	0.29	7.29	23.8	2030	1.57	0.30	2.60	0.45	43.8	4.6	12	14.25	16.0
N810043		12.59	0.013	0.46	7.02	75.2	2220	1.59	0.48	3.00	1.30	49.5	3.3	12	8.44	6.7
N810044		4.66	0.017	2.28	7.63	68.3	2310	1.80	2.02	1.20	19.75	73.8	3.0	13	7.18	42.4
N810045		4.62	0.075	4.95	7.05	155.0	900	1.42	3.24	0.99	23.1	37.5	4.1	14	5.51	48.1
N810046		3.97	0.117	1.75	7.02	351	1370	1.32	2.00	1.36	15.75	57.5	7.1	12	4.62	27.1
N810047		8.29	0.006	0.24	7.39	22.7	1470	1.60	0.38	2.30	0.95	82.2	7.5	14	13.60	8.6
N810048		4.43	0.094	1.24	6.47	195.5	1220	1.40	2.49	2.04	4.45	55.0	6.4	12	17.50	13.9
N810049		4.20	<0.005	0.03	0.17	8	30	0.11	0.05	19.95	0.07	1.36	0.9	4	0.88	2.6
N810050		5.14	0.009	0.17	7.00	29.4	2370	1.62	0.25	2.73	0.19	55.1	5.8	10	19.40	3.6
N810051		7.25	0.007	0.13	6.92	27.9	1090	1.56	0.22	2.79	0.10	50.3	4.9	12	23.0	3.4
N810052		4.61	<0.005	0.14	7.85	12.7	1660	1.33	0.25	1.38	0.12	55.1	4.2	9	18.60	7.5
N810053		<0.02	<0.005	0.12	7.51	13.3	1600	1.38	0.24	1.34	0.12	53.8	4.1	10	18.30	8.6
N810054		4.25	0.034	0.84	7.44	85.7	2300	1.66	0.72	2.39	4.12	83.1	3.4	12	11.05	14.3
N810055		6.83	0.023	1.48	7.11	34.1	1820	1.60	1.48	2.21	20.1	80.0	3.1	12	12.35	36.5
N810056		8.01	0.008	0.43	7.35	10.5	1340	1.60	0.46	2.84	3.11	73.7	3.2	17	8.44	8.3
N810057		6.51	0.114	2.37	7.06	111.5	1140	1.54	2.99	1.75	25.8	56.0	8.4	11	6.94	36.3
N810058		9.78	0.050	3.01	6.99	72.1	1130	1.50	0.39	2.16	7.73	38.6	6.0	12	8.71	10.2
N810059		0.21	0.783	9.86	6.82	1775	990	1.68	7.20	1.94	42.8	45.4	20.1	21	17.85	116.0
N810060		5.20	<0.005	0.25	6.78	11.3	950	1.55	0.21	2.11	0.78	42.1	4.4	12	7.34	3.1
N810061		8.21	0.030	1.60	6.04	66.9	1330	1.38	1.25	2.00	30.0	23.2	5.3	17	6.42	31.6
N810062		9.02	0.014	0.52	6.85	25.5	1010	1.47	0.32	3.20	6.93	47.5	2.3	12	6.68	7.6
N810063		8.89	<0.005	0.16	7.28	9.9	1010	1.50	0.26	3.46	0.33	58.2	6.2	16	6.38	1.7
N810064		3.07	0.006	0.74	7.53	14.1	1290	1.66	0.84	2.61	16.05	59.4	8.0	13	7.78	13.0
N810065		7.86	0.019	0.88	7.50	44.8	1300	1.53	0.78	2.89	12.85	62.3	4.7	17	6.81	24.2
N810066		6.05	0.016	0.87	7.48	44.2	1240	1.57	0.69	2.34	10.15	71.8	5.7	10	7.19	14.6
N810067		7.70	0.284	6.85	7.11	223	880	1.53	8.54	2.69	10.00	58.5	9.2	10	15.50	372
N810068		3.79	0.616	6.70	7.26	239	880	1.42	10.65	1.68	39.1	65.6	12.2	11	11.90	122.5
N810069		2.86	<0.005	0.03	0.09	<5	20	0.08	0.03	21.8	0.10	1.30	1.7	2	0.30	2.7
N810070		7.34	0.076	1.77	7.20	119.5	1780	1.56	1.77	2.42	27.9	59.2	5.2	12	11.20	34.5
N810071		5.51	<0.005	0.13	7.76	6.7	2250	1.72	0.18	2.72	0.20	51.0	5.8	12	11.50	4.7
N810072		2.88	0.011	0.21	7.89	21.8	2180	1.70	0.21	2.92	1.43	54.7	5.7	14	12.30	5.0
N810073		8.20	<0.005	0.15	7.52	6.6	1960	1.49	0.30	3.06	0.16	52.4	4.7	16	10.60	7.7
N810074		4.45	0.015	0.69	7.91	15.8	1580	1.65	0.80	1.92	10.35	46.3	4.6	16	17.20	18.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167656

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810038		3.01	14.40	0.18	1.3	0.036	2.96	24.3	19.8	0.64	588	1.60	1.27	7.7	2.3	570
N810039		5.43	13.15	0.13	1.1	0.389	2.76	19.6	12.1	0.63	1420	5.68	0.03	5.8	2.4	440
N810040		2.88	15.75	0.16	1.2	0.061	2.64	23.1	17.2	0.72	613	2.05	1.29	7.3	2.7	560
N810041		6.59	13.05	0.13	0.9	1.530	2.50	22.5	21.0	0.88	1890	11.05	0.04	5.5	15.3	440
N810042		2.80	15.00	0.16	1.2	0.050	2.68	21.7	10.9	0.71	473	2.86	2.05	7.5	2.6	560
N810043		2.59	15.35	0.17	1.1	0.078	3.18	25.3	46.8	0.77	1000	1.36	0.24	5.4	2.9	550
N810044		5.33	17.75	0.18	1.1	0.270	3.46	40.3	54.9	0.95	2140	1.05	0.06	5.6	2.2	530
N810045		5.15	15.45	0.13	0.9	0.416	3.17	18.3	15.9	0.79	2300	3.49	0.08	5.6	2.0	490
N810046		4.39	15.05	0.16	0.8	0.399	3.21	31.7	11.0	0.76	2330	1.28	0.05	5.3	2.1	470
N810047		3.09	16.45	0.16	1.1	0.081	3.02	45.0	41.8	0.91	1100	2.19	0.05	6.8	3.4	550
N810048		4.04	15.25	0.16	1.1	0.217	2.70	29.6	25.5	0.81	1520	4.14	0.04	6.7	2.7	460
N810049		0.46	0.46	0.11	<0.1	0.008	0.08	0.7	2.5	12.20	210	0.13	0.01	0.3	3.2	230
N810050		2.63	16.80	0.15	1.3	0.051	2.50	26.7	109.5	0.86	676	1.85	0.06	7.7	2.8	540
N810051		2.58	15.65	0.12	1.2	0.044	2.47	23.9	61.0	0.85	648	1.68	0.06	7.3	2.2	530
N810052		2.62	18.45	0.16	1.4	0.053	2.79	28.2	46.1	0.49	617	1.28	0.08	8.3	3.4	600
N810053		2.52	18.35	0.15	1.3	0.063	2.78	26.2	46.4	0.46	594	1.21	0.08	8.5	2.2	580
N810054		2.55	16.80	0.16	1.1	0.160	3.31	47.8	22.4	0.93	1380	2.02	0.07	5.9	2.4	510
N810055		3.02	16.40	0.19	1.4	0.605	3.10	45.5	31.5	0.84	2020	2.10	0.07	6.4	2.6	520
N810056		2.39	16.65	0.15	1.2	0.125	3.08	42.3	51.1	0.99	1380	1.78	0.11	6.9	2.1	540
N810057		3.97	17.60	0.18	1.0	0.795	3.25	29.6	22.9	0.73	1550	2.17	0.06	6.1	3.3	500
N810058		2.68	16.90	0.12	1.0	0.230	2.80	18.2	82.6	0.81	1780	1.55	0.12	6.4	3.3	530
N810059		5.43	16.55	0.17	1.4	0.981	2.85	23.1	27.1	0.71	2000	12.60	0.27	7.5	17.1	500
N810060		1.64	16.85	0.12	1.0	0.070	2.38	20.8	48.8	0.82	855	1.66	0.23	6.4	2.3	540
N810061		3.27	15.15	0.13	0.9	0.865	2.41	8.7	41.8	0.84	1340	3.33	0.10	4.8	2.7	460
N810062		1.96	17.40	0.14	1.1	0.217	2.62	23.7	47.7	0.80	1270	1.09	0.12	6.2	1.7	550
N810063		1.70	17.60	0.15	1.1	0.095	2.44	29.9	51.0	0.78	968	0.95	0.10	7.0	2.7	610
N810064		2.61	18.35	0.17	1.1	0.693	2.85	30.2	73.7	0.83	1180	1.98	0.09	6.6	2.8	630
N810065		3.00	17.10	0.17	1.1	0.758	2.70	33.5	78.5	0.97	1280	2.68	0.11	6.2	2.6	560
N810066		3.62	16.80	0.20	1.1	0.459	2.73	40.8	45.4	0.99	1320	5.89	0.22	6.1	3.2	560
N810067		3.14	16.70	0.16	1.2	0.537	2.69	31.6	53.8	0.83	1610	2.64	0.10	6.7	2.6	550
N810068		4.96	17.10	0.19	1.1	1.065	2.93	36.7	31.9	0.76	2280	2.68	0.08	6.7	3.2	570
N810069		0.49	0.31	0.07	<0.1	0.006	0.03	0.6	1.2	12.95	224	0.13	0.01	0.2	2.1	190
N810070		3.46	16.00	0.16	1.4	0.695	3.17	33.3	27.3	0.95	1420	6.63	0.07	5.5	2.3	480
N810071		2.97	17.60	0.15	1.5	0.039	3.02	25.6	13.9	0.73	614	1.88	2.10	8.3	2.4	580
N810072		3.08	17.65	0.15	1.6	0.072	3.02	29.1	14.8	0.81	913	1.83	1.92	8.4	2.3	590
N810073		2.70	16.45	0.16	1.4	0.071	2.70	27.7	11.5	0.64	709	2.35	1.51	6.7	2.3	550
N810074		3.18	17.85	0.14	1.6	0.218	2.69	23.1	38.4	0.48	811	2.07	0.41	8.0	2.2	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167656

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810038		23.9	106.5	<0.002	0.09	6.99	8.9	1	1.8	262	0.78	<0.05	12.7	0.238	1.45	4.6
N810039		172.0	174.5	0.002	4.92	25.3	7.8	<1	5.3	30.4	0.51	0.13	11.6	0.173	2.63	3.2
N810040		570	106.5	0.004	0.25	7.02	9.7	1	2.0	239	0.62	<0.05	12.1	0.225	1.44	3.7
N810041		2770	152.0	0.003	4.69	83.3	7.8	1	7.4	91.3	0.46	0.33	10.0	0.172	2.19	4.8
N810042		31.9	101.0	0.002	0.08	2.87	9.3	1	1.9	354	0.63	<0.05	12.0	0.236	1.22	3.5
N810043		89.1	111.0	<0.002	0.30	3.73	9.0	1	2.0	115.0	0.47	0.06	11.9	0.184	1.91	4.4
N810044		649	178.5	<0.002	0.70	4.48	11.2	1	2.4	43.0	0.44	<0.05	15.1	0.176	2.52	4.9
N810045		2180	150.5	<0.002	1.44	7.40	7.9	1	2.3	35.3	0.45	0.05	12.8	0.162	2.33	3.3
N810046		561	158.5	0.002	1.46	5.15	8.4	1	2.8	41.4	0.43	0.06	13.2	0.164	2.55	4.2
N810047		47.7	163.5	<0.002	0.44	6.06	10.7	1	1.8	103.5	0.55	0.05	15.5	0.208	2.38	5.8
N810048		116.5	161.0	0.002	1.82	15.60	9.5	1	3.5	75.4	0.56	0.14	13.8	0.189	2.34	6.4
N810049		1.7	5.2	<0.002	0.01	0.11	0.4	1	0.2	40.6	<0.05	<0.05	<0.2	0.005	0.04	0.6
N810050		16.1	112.0	0.003	0.26	12.50	10.5	2	1.7	153.0	0.62	<0.05	12.8	0.222	1.75	4.4
N810051		12.9	100.5	<0.002	0.18	12.65	9.4	1	1.8	110.5	0.61	<0.05	12.6	0.224	1.83	5.0
N810052		16.1	139.0	<0.002	0.15	15.75	11.2	1	1.9	92.9	0.71	<0.05	15.8	0.243	1.84	4.2
N810053		14.1	134.0	0.002	0.14	16.10	11.1	1	1.9	92.6	0.71	<0.05	14.6	0.240	1.68	4.0
N810054		129.5	180.0	<0.002	0.66	9.53	10.1	2	2.5	84.7	0.52	0.09	16.0	0.179	2.90	8.7
N810055		182.5	179.5	<0.002	0.63	10.35	10.0	1	2.7	57.3	0.66	0.14	15.4	0.173	2.76	4.2
N810056		101.0	184.5	<0.002	0.35	5.07	10.5	2	2.3	95.0	0.73	0.09	15.7	0.183	2.94	5.9
N810057		351	196.0	<0.002	1.79	9.18	10.3	1	3.1	45.4	0.62	0.15	14.4	0.167	2.85	5.7
N810058		442	155.0	<0.002	0.92	7.76	10.3	1	2.9	89.9	0.49	0.09	12.9	0.186	2.67	4.6
N810059		1370	151.0	0.002	3.21	35.9	10.1	1	6.2	157.0	0.65	0.35	11.9	0.211	2.64	5.4
N810060		24.4	118.0	<0.002	0.21	5.19	10.6	1	2.0	112.5	0.51	0.05	13.6	0.190	2.11	5.7
N810061		317	132.5	<0.002	1.24	9.26	8.7	1	2.7	92.1	0.40	0.07	11.0	0.168	2.23	2.8
N810062		151.5	118.5	<0.002	0.45	5.75	10.7	1	2.4	124.0	0.64	<0.05	12.4	0.189	2.42	3.9
N810063		15.2	109.0	<0.002	0.41	7.06	12.0	1	2.4	120.0	0.58	0.06	12.8	0.233	2.18	5.8
N810064		107.0	131.5	<0.002	0.60	5.06	11.9	1	3.0	100.0	0.54	0.07	13.6	0.215	2.59	5.2
N810065		192.5	134.5	<0.002	0.69	6.29	11.5	1	2.8	105.5	0.53	0.07	13.6	0.199	2.36	6.1
N810066		219	163.0	<0.002	1.09	4.98	11.2	1	2.7	111.5	0.51	0.06	14.6	0.188	2.54	4.7
N810067		275	142.5	<0.002	1.37	15.45	10.8	1	3.5	117.0	0.58	0.09	14.3	0.203	2.70	4.4
N810068		605	169.5	0.002	2.60	8.72	11.4	1	5.3	67.6	0.57	0.10	14.3	0.211	2.95	4.1
N810069		2.2	2.1	<0.002	0.03	0.08	0.4	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810070		532	154.5	<0.002	0.94	6.06	9.5	1	3.0	79.9	0.58	0.06	18.2	0.159	2.41	6.8
N810071		19.5	110.5	<0.002	0.04	2.66	11.7	1	1.7	366	0.73	<0.05	16.6	0.249	1.39	5.2
N810072		54.5	120.5	<0.002	0.13	3.21	11.8	1	1.7	346	0.76	<0.05	17.1	0.253	1.53	5.5
N810073		13.9	115.0	<0.002	0.14	4.15	11.0	1	1.6	263	0.55	<0.05	16.2	0.207	1.49	5.8
N810074		186.0	120.0	<0.002	0.28	12.15	11.4	1	1.9	132.0	0.81	<0.05	15.4	0.231	1.69	5.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167656

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810038		66	2.0	12.9	52	33.1
N810039		50	6.2	6.2	822	27.5
N810040		67	2.8	13.3	646	34.1
N810041		54	4.6	8.2	5340	24.1
N810042		65	1.5	13.1	42	32.4
N810043		64	1.5	9.9	151	27.9
N810044		63	4.1	7.4	1500	29.2
N810045		53	4.0	6.0	1730	24.3
N810046		51	2.7	8.3	1260	21.8
N810047		65	3.5	15.3	97	34.2
N810048		57	3.7	11.8	384	32.7
N810049		4	0.1	0.9	14	<0.5
N810050		65	2.9	15.6	47	38.3
N810051		64	3.1	14.1	43	35.7
N810052		69	2.4	16.1	36	39.2
N810053		68	2.4	15.4	35	38.9
N810054		63	2.2	14.5	341	32.7
N810055		60	2.2	12.7	1440	33.8
N810056		61	1.7	15.5	330	34.1
N810057		61	2.5	12.1	1620	30.7
N810058		65	1.8	9.8	637	29.0
N810059		58	5.5	11.4	3050	38.8
N810060		55	1.3	12.4	87	26.3
N810061		56	2.1	7.2	2450	23.5
N810062		57	1.5	11.9	564	29.4
N810063		65	1.4	13.1	50	30.6
N810064		65	2.9	13.1	1270	29.7
N810065		67	1.7	13.7	1060	29.7
N810066		68	1.7	12.0	1130	30.3
N810067		63	2.2	12.5	824	30.6
N810068		62	3.0	11.0	3220	28.2
N810069		2	0.1	0.8	15	<0.5
N810070		55	2.7	11.3	1820	36.8
N810071		67	1.0	16.0	46	40.4
N810072		67	1.6	17.2	130	41.1
N810073		62	1.3	14.5	49	37.2
N810074		70	2.1	14.9	699	39.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167656

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167657

Project: Klaza - 85

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

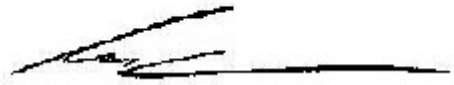
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167657

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810075		7.92	<0.005	0.15	7.12	9.3	1560	1.74	0.25	2.84	0.14	52.9	4.3	16	13.80	6.1
N810076		0.26	2.19	25.2	5.87	3510	1590	1.38	18.20	2.18	76.6	47.8	10.5	20	14.15	449
N810077		5.52	<0.005	0.39	7.31	21.0	1750	2.05	0.49	2.63	0.35	54.5	4.8	12	12.45	14.3
N810078		10.30	<0.005	0.35	7.33	26.0	1890	1.89	0.59	2.07	0.34	68.3	9.0	8	10.10	24.2
N810079		3.90	0.014	0.25	7.25	38.5	4570	1.44	0.15	2.59	0.21	63.3	5.8	8	15.40	26.1
N810080		4.43	0.005	0.36	7.14	39.7	2110	1.70	0.19	2.06	0.27	48.5	4.3	14	15.15	109.0
N810081		2.07	<0.005	0.38	7.17	52.3	2150	1.72	0.21	2.16	0.28	46.7	5.1	11	15.85	115.0
N810082		4.46	<0.005	0.15	7.42	11.6	2350	1.39	0.26	1.53	0.26	56.8	4.9	9	11.85	10.8
N810083		4.64	0.011	0.38	7.33	47.0	990	1.31	0.23	1.54	1.63	38.1	4.3	8	10.25	49.9
N810084		3.76	0.056	1.00	6.99	26.7	960	1.41	1.04	4.15	10.20	75.4	7.2	8	11.50	31.4
N810085		3.97	0.248	5.86	6.00	324	3290	1.32	4.39	1.23	23.0	49.4	5.3	10	11.30	103.5
N810086		1.53	<0.005	0.05	0.08	<5	20	0.09	0.02	21.4	0.14	1.46	0.7	2	0.20	2.1
N810087		7.28	0.014	0.50	7.29	40.8	1960	1.76	0.29	1.89	5.10	47.7	6.6	9	17.75	46.6
N810088		4.92	0.072	2.46	7.32	94.1	1610	1.77	0.89	2.32	5.58	63.7	6.1	8	15.45	20.7
N810089		5.71	0.065	1.55	6.83	257	1750	1.48	0.45	1.69	24.8	79.0	11.5	7	18.25	29.9
N810090		4.53	0.033	0.98	7.00	218	1730	1.62	0.51	2.37	11.70	54.3	8.5	8	20.8	59.1
N810091		5.56	0.006	0.15	7.30	14.3	2190	1.66	0.21	2.47	0.17	56.7	6.5	11	11.60	9.3
N810092		<0.02	<0.005	0.12	6.89	12.9	2140	1.54	0.16	2.42	0.14	49.9	6.2	10	11.25	9.2
N810093		4.02	0.044	1.41	6.85	159.5	2000	1.56	0.16	2.04	6.16	51.2	6.3	8	15.15	15.9
N810094		5.42	0.034	0.41	6.79	45.0	1650	1.56	0.22	2.04	0.44	52.2	5.8	9	19.25	13.3
N810095		0.26	2.37	24.8	5.81	3450	1230	1.40	18.20	2.15	76.0	46.8	10.3	20	13.85	437
N810096		7.16	0.024	0.39	7.39	21.4	1820	1.47	0.30	1.40	1.36	50.2	5.8	8	14.35	27.0
N810097		5.19	0.319	7.27	6.44	181.0	910	1.64	8.44	2.16	11.15	51.5	8.4	8	15.35	57.8
N810098		4.15	0.037	0.81	6.91	85.0	1730	1.83	0.41	2.80	1.14	59.2	6.1	8	22.3	14.0
N810099		3.12	<0.005	0.18	6.68	34.4	1500	2.31	0.12	1.49	0.22	74.4	6.3	20	24.0	10.6
N810100		2.02	<0.005	0.01	0.15	<5	40	0.07	0.10	20.6	0.06	1.48	0.8	2	1.27	5.0
N810101		4.06	0.616	36.5	6.22	951	920	1.19	56.9	1.54	11.90	46.5	6.4	10	14.00	603
N810102		4.51	0.016	2.05	7.23	12.3	1890	1.24	3.21	2.20	16.60	46.1	4.8	11	13.75	34.3
N810103		4.44	0.045	0.86	7.39	30.3	2730	1.27	0.96	2.15	5.24	48.9	4.2	10	15.85	19.6
N810104		10.95	<0.005	0.20	7.26	7.1	2040	1.26	0.34	2.36	0.26	47.8	7.1	14	9.78	2.4
N810105		9.99	<0.005	0.20	7.29	7.1	2290	1.31	0.32	2.31	1.30	44.7	6.2	13	11.10	7.0
N810106		9.57	0.027	0.87	7.03	21.0	2160	1.37	1.50	2.18	1.92	43.7	7.1	12	11.55	16.8
N810107		11.43	0.011	0.19	7.57	8.6	2250	1.47	0.20	2.32	4.67	51.8	6.1	11	13.00	15.6
N810108		4.34	<0.005	0.11	6.88	11.3	2370	1.39	0.16	2.20	0.14	41.3	4.6	9	10.75	11.9
N810109		7.60	<0.005	0.10	7.65	9.1	2350	1.33	0.15	2.20	0.12	52.7	5.1	10	11.10	7.4
N810110		3.95	0.016	0.23	6.68	27.1	2950	1.32	0.44	2.72	0.53	53.0	6.5	8	13.10	8.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167657

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810075		2.52	15.65	0.10	1.3	0.037	2.39	24.1	14.3	0.51	842	1.65	1.49	6.7	2.6	510
N810076		6.62	14.10	0.10	1.0	1.810	2.63	22.9	24.0	0.90	1820	13.05	0.05	5.8	16.0	430
N810077		2.70	16.20	0.14	1.5	0.063	2.44	24.9	14.5	0.58	724	3.53	1.57	7.3	2.1	540
N810078		3.01	16.30	0.14	1.3	0.088	2.46	37.4	32.7	0.82	966	6.42	0.06	5.8	2.4	540
N810079		2.22	15.00	0.16	1.2	0.030	2.68	32.2	34.4	0.91	673	2.03	0.08	6.7	2.4	540
N810080		2.43	16.85	0.13	1.3	0.047	2.21	22.3	166.0	0.65	503	2.42	0.07	7.7	2.2	570
N810081		2.51	16.85	0.11	1.5	0.054	2.27	22.4	149.0	0.67	530	3.67	0.08	8.4	2.1	590
N810082		2.79	16.75	0.16	1.4	0.049	2.86	27.1	92.2	0.55	563	3.16	0.09	7.6	2.4	580
N810083		2.55	15.90	0.12	1.4	0.084	2.34	16.7	135.5	0.48	484	2.14	0.07	7.9	2.1	580
N810084		3.57	14.95	0.18	1.1	0.358	2.94	40.6	38.0	0.78	1570	6.10	0.05	5.8	2.4	500
N810085		6.23	13.75	0.14	1.2	0.579	2.73	23.1	17.7	0.48	1610	14.30	0.04	6.2	3.0	520
N810086		0.50	0.26	0.13	<0.1	<0.005	0.03	0.6	1.5	12.70	220	0.54	<0.01	0.1	1.4	180
N810087		2.97	16.05	0.15	1.3	0.143	3.23	22.7	123.5	0.60	1020	2.81	0.09	7.4	2.2	570
N810088		3.56	15.60	0.18	1.3	0.160	2.82	34.0	122.0	0.90	1420	2.25	0.06	6.9	2.9	540
N810089		3.91	14.55	0.15	1.1	0.336	2.91	43.4	46.3	0.73	1560	16.00	0.06	5.3	4.2	490
N810090		3.20	15.60	0.14	1.2	0.253	3.12	26.1	99.3	0.62	1040	1.53	0.08	6.7	2.2	540
N810091		2.88	16.20	0.16	1.3	0.029	3.10	29.8	14.7	0.68	626	2.34	1.74	7.2	2.7	560
N810092		2.81	15.55	0.15	1.3	0.039	3.04	23.8	14.2	0.65	621	2.82	1.72	7.3	2.6	540
N810093		2.91	15.45	0.14	1.3	0.038	3.14	24.8	28.9	0.60	724	2.28	0.56	6.7	2.0	510
N810094		2.56	15.35	0.16	1.3	0.031	2.72	23.7	65.1	0.73	944	2.76	0.06	6.8	2.5	520
N810095		6.56	13.85	0.14	0.9	1.795	2.56	22.7	24.4	0.88	1820	12.80	0.04	5.6	15.5	430
N810096		2.77	17.35	0.16	1.5	0.057	3.17	24.1	38.8	0.50	648	3.01	0.11	8.0	2.3	580
N810097		5.72	13.90	0.14	1.2	0.340	2.89	26.7	21.5	0.97	2120	2.49	0.04	5.6	2.3	450
N810098		2.69	14.95	0.17	1.2	0.053	2.78	28.3	44.7	1.04	1540	6.34	0.04	6.8	2.4	500
N810099		2.32	17.35	0.16	4.4	0.018	2.25	35.3	181.5	0.74	505	1.24	0.04	9.6	7.6	1160
N810100		0.47	0.43	0.10	<0.1	0.014	0.09	0.8	2.0	13.00	216	0.18	0.01	0.5	3.4	220
N810101		5.12	14.35	0.17	1.0	0.649	2.97	25.3	23.8	0.65	1800	5.53	0.10	5.6	2.9	470
N810102		3.24	15.40	0.18	1.0	0.439	3.61	25.2	23.6	0.81	1100	2.96	0.44	5.6	2.6	550
N810103		3.08	16.90	0.16	1.1	0.145	3.19	27.6	60.7	0.76	846	2.52	0.16	7.1	2.6	590
N810104		2.52	16.15	0.21	1.1	0.044	3.04	26.8	15.3	0.71	495	2.18	1.90	6.5	2.7	560
N810105		2.95	16.30	0.15	1.1	0.062	3.03	22.7	15.3	0.77	540	2.11	2.21	7.3	2.8	580
N810106		3.14	15.70	0.18	1.2	0.089	3.01	23.6	21.5	0.71	763	3.27	1.69	6.8	2.6	550
N810107		2.91	16.60	0.15	1.2	0.078	3.10	26.0	40.4	0.76	578	5.01	1.99	7.6	2.6	590
N810108		2.46	16.45	0.16	1.2	0.041	3.11	22.2	20.9	0.68	619	5.65	0.83	6.3	2.3	550
N810109		2.92	17.80	0.09	1.2	0.046	3.21	28.0	21.2	0.67	637	2.21	0.94	7.4	3.2	590
N810110		3.08	15.15	0.16	1.0	0.125	3.02	30.2	34.2	0.95	1280	6.12	0.07	5.5	2.9	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167657

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810075		15.1	121.5	<0.002	0.19	4.22	9.2	<1	1.5	271	0.76	<0.05	15.4	0.203	1.60	5.9
N810076		2750	168.0	<0.002	5.05	92.0	8.0	1	7.9	94.9	0.44	0.39	11.6	0.188	2.42	5.5
N810077		30.0	116.0	<0.002	0.23	4.78	9.9	<1	1.9	294	0.80	0.05	15.0	0.221	1.40	5.3
N810078		27.7	146.0	<0.002	0.51	14.60	10.4	1	2.0	99.9	0.58	0.05	17.0	0.180	1.85	4.7
N810079		16.0	124.5	0.002	0.41	8.78	10.0	<1	1.9	142.5	0.52	<0.05	14.1	0.229	2.02	12.3
N810080		23.6	91.4	<0.002	0.17	29.2	9.9	1	2.3	255	0.63	<0.05	13.3	0.248	1.39	3.2
N810081		23.2	83.3	0.002	0.18	32.5	10.3	1	2.3	249	0.65	<0.05	13.5	0.261	1.38	3.7
N810082		13.9	129.0	<0.002	0.12	13.50	10.8	<1	2.1	204	0.61	0.05	14.1	0.250	1.62	3.6
N810083		26.8	97.9	<0.002	0.38	16.65	9.8	<1	2.5	180.0	0.64	<0.05	13.4	0.258	1.36	2.9
N810084		154.0	178.5	<0.002	0.72	10.35	9.5	<1	3.0	126.5	0.49	0.11	14.1	0.197	2.31	8.4
N810085		1025	190.0	<0.002	5.59	38.0	9.1	<1	7.9	62.9	0.48	0.05	10.8	0.215	3.13	6.9
N810086		4.7	2.2	<0.002	0.03	0.18	0.3	<1	0.3	45.4	<0.05	<0.05	0.2	<0.005	0.03	0.6
N810087		119.5	141.5	<0.002	0.51	23.1	10.1	<1	2.3	142.5	0.66	<0.05	14.4	0.246	2.34	5.6
N810088		964	163.5	<0.002	0.89	15.90	10.2	<1	4.1	173.5	0.53	<0.05	16.5	0.228	2.28	4.0
N810089		469	157.0	<0.002	1.07	19.70	8.8	<1	4.5	74.8	0.45	<0.05	16.5	0.193	2.40	6.1
N810090		220	138.5	<0.002	0.72	19.70	9.5	<1	3.5	137.0	0.54	<0.05	14.6	0.239	2.33	4.8
N810091		19.4	136.0	<0.002	0.20	4.59	10.5	<1	1.9	303	0.58	<0.05	15.2	0.248	1.50	4.7
N810092		18.8	120.0	<0.002	0.17	4.46	9.6	<1	1.8	299	0.56	<0.05	13.9	0.243	1.56	4.2
N810093		229	142.0	<0.002	0.52	15.20	9.1	<1	3.2	173.0	0.49	<0.05	14.8	0.227	1.79	4.3
N810094		97.9	116.5	<0.002	0.32	17.95	9.4	<1	2.2	115.5	0.55	<0.05	14.5	0.230	2.10	5.2
N810095		2710	163.0	<0.002	5.00	90.1	7.9	1	8.0	91.0	0.43	0.37	10.9	0.185	2.29	5.4
N810096		48.7	144.5	<0.002	0.14	17.05	10.4	<1	2.4	100.5	0.69	<0.05	15.5	0.245	2.00	4.7
N810097		392	162.0	<0.002	3.15	13.70	8.4	<1	5.2	72.4	0.48	0.33	13.7	0.195	2.88	4.9
N810098		210	178.5	<0.002	0.62	14.95	9.7	<1	2.3	100.5	0.52	<0.05	15.5	0.220	3.11	6.5
N810099		12.6	95.0	<0.002	0.05	29.7	6.1	<1	1.4	473	0.60	<0.05	9.3	0.329	1.59	10.3
N810100		3.1	6.3	0.002	0.01	0.18	0.3	<1	0.4	39.0	0.07	<0.05	<0.2	0.005	0.05	0.4
N810101		969	160.0	0.002	3.61	137.0	8.4	1	6.8	89.4	0.46	0.24	11.1	0.193	2.64	5.9
N810102		99.8	164.5	<0.002	0.31	6.15	9.6	1	1.9	138.5	0.50	0.15	11.7	0.220	2.74	4.2
N810103		128.0	117.0	0.005	0.42	8.60	10.2	1	2.0	128.0	0.60	<0.05	12.1	0.239	1.91	3.6
N810104		19.2	120.0	0.003	0.24	2.75	9.6	1	1.4	297	0.54	<0.05	11.3	0.234	1.49	3.6
N810105		26.4	106.0	<0.002	0.10	1.69	9.6	1	1.9	341	0.62	<0.05	10.9	0.251	1.28	3.6
N810106		95.5	114.5	0.004	0.30	3.61	9.2	1	1.8	280	0.66	<0.05	11.5	0.230	1.47	4.1
N810107		56.9	113.5	0.004	0.07	3.57	10.2	1	2.0	315	0.65	<0.05	12.8	0.252	1.34	3.9
N810108		14.4	114.5	0.002	0.07	10.60	9.4	<1	1.2	153.0	0.61	<0.05	11.3	0.214	1.64	3.5
N810109		15.7	134.5	<0.002	0.15	8.23	10.5	1	1.5	207	0.63	<0.05	14.7	0.236	1.49	4.4
N810110		31.7	133.5	0.008	0.52	10.30	8.9	1	1.4	103.5	0.52	<0.05	11.4	0.188	2.22	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167657

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810075		62	1.4	13.0	50	31.7
N810076		57	5.0	9.7	5300	24.4
N810077		65	1.1	13.8	53	39.0
N810078		64	1.7	15.6	73	33.0
N810079		62	4.5	14.3	50	30.5
N810080		64	4.8	12.7	58	36.8
N810081		70	5.1	13.1	60	36.0
N810082		66	4.3	13.4	58	37.2
N810083		61	9.0	10.2	141	41.5
N810084		59	4.2	15.8	759	27.4
N810085		60	8.3	10.7	1880	26.9
N810086		3	0.1	0.8	15	<0.5
N810087		69	2.6	12.4	501	33.2
N810088		61	4.2	13.9	439	34.9
N810089		60	3.5	11.6	2160	26.8
N810090		64	3.7	12.9	1030	31.1
N810091		66	2.1	15.3	47	31.1
N810092		65	2.2	13.7	46	30.9
N810093		60	2.9	13.3	487	35.8
N810094		63	4.4	12.1	75	35.3
N810095		56	4.6	9.3	5370	23.3
N810096		69	3.3	13.7	113	38.8
N810097		55	4.8	10.4	1110	28.9
N810098		58	5.0	14.1	127	35.0
N810099		62	2.6	12.1	69	164.0
N810100		3	0.1	1.0	15	0.5
N810101		55	5.6	10.7	969	31.8
N810102		68	2.4	13.7	1160	27.5
N810103		68	3.2	13.9	442	31.0
N810104		69	1.2	14.2	58	28.7
N810105		70	1.3	14.9	127	29.0
N810106		65	2.5	14.6	176	29.7
N810107		69	9.1	16.6	295	32.3
N810108		69	2.9	12.8	56	30.3
N810109		68	2.3	15.5	54	33.7
N810110		65	4.4	14.6	92	26.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12167657

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167658

Project: Klaza - 86

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

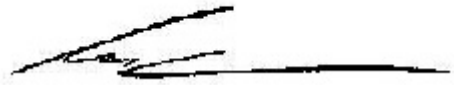
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167658

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N811035		4.67	<0.005	0.11	8.10	12.4	2390	1.77	0.14	2.72	0.14	50.7	7.4	13	5.94	8.0
N811036		3.21	<0.005	0.12	7.69	10.7	2250	1.60	0.10	2.74	0.14	48.9	7.5	15	6.29	9.7
N811037		3.98	<0.005	0.09	8.08	7.0	2470	1.60	0.12	2.78	0.12	51.0	7.0	13	5.54	6.6
N811038		<0.02	<0.005	0.08	7.30	6.9	2230	1.60	0.11	2.52	0.10	49.1	6.8	14	5.20	6.4
N811039		1.88	0.121	0.95	7.12	193.0	2190	1.64	0.73	2.96	0.58	44.1	6.9	11	8.15	31.4
N811040		4.57	<0.005	0.13	7.71	5.7	2340	1.56	0.12	2.90	0.14	53.5	7.2	13	4.10	14.6
N811041		1.87	0.031	1.07	7.12	244	2240	1.38	0.72	3.40	1.59	40.9	7.1	11	6.06	60.2
N811042		0.26	4.55	>100	5.43	7890	1330	1.25	60.4	1.88	214	32.8	9.3	16	10.75	1205
N811043		2.64	0.008	0.42	7.28	18.0	2130	1.52	0.73	2.79	0.29	57.3	6.6	12	5.88	22.3
N811044		1.98	0.005	0.26	7.51	34.9	2010	1.55	0.34	2.51	0.30	48.0	6.7	11	7.30	9.5
N811045		1.65	7.08	>100	6.17	7150	680	1.45	7.75	1.93	30.8	43.1	5.1	7	10.75	1450
N811046		3.58	0.005	0.27	0.07	9	20	0.05	0.03	21.0	0.11	1.04	0.7	<1	0.21	3.8
N811047		2.01	0.293	4.09	6.86	977	1500	1.56	1.70	2.80	13.95	40.4	6.7	8	12.60	42.8
N811048		2.42	0.006	0.36	7.30	15.3	2080	1.45	0.19	2.55	0.54	49.1	7.3	12	4.28	9.6
N811049		1.52	0.299	1.83	7.90	1465	1760	1.65	0.60	2.66	5.42	58.6	6.5	13	10.55	34.5
N811050		1.49	0.149	3.71	7.56	1160	1570	1.53	0.28	2.17	26.9	60.1	5.6	12	9.46	22.7
N811051		1.73	0.005	0.46	7.53	22.9	2040	1.40	0.17	2.71	1.35	53.0	6.9	12	7.39	7.1
N811052		2.43	<0.005	0.29	7.39	8.9	1900	1.43	0.51	2.49	0.34	56.5	6.4	14	6.88	7.8
N811053		1.52	<0.005	0.10	7.51	4.5	2270	1.55	0.08	2.40	0.09	61.1	6.0	13	7.21	4.8
N811054		1.70	0.874	2.56	7.54	2900	280	1.51	2.12	1.94	3.26	58.8	7.0	11	11.95	31.4
N811055		2.41	<0.005	0.12	7.39	8.3	2090	1.47	0.13	2.29	0.12	50.3	6.1	11	8.04	6.3
N811056		1.69	0.079	1.16	7.18	188.0	1420	1.30	1.15	2.05	1.81	50.5	6.4	10	11.90	21.2
N811057		0.28	4.48	>100	5.30	6670	440	1.08	53.1	1.95	228	30.3	9.4	19	11.30	1265
N811058		2.78	0.015	1.55	7.00	33.0	1650	1.34	0.31	2.39	12.75	44.8	7.0	11	10.05	27.6
N811059		3.50	<0.005	0.19	7.27	9.2	2160	1.42	0.16	2.66	0.46	44.2	6.3	13	7.56	9.5
N811060		1.85	0.061	4.06	6.80	54.7	1390	1.35	7.23	2.21	0.60	52.5	6.3	10	11.90	74.2
N811061		3.16	0.189	2.35	6.88	193.0	960	1.39	1.15	3.23	8.84	52.8	10.2	10	13.80	61.0
N811062		2.76	<0.005	0.02	0.15	<5	30	0.10	0.02	21.4	0.07	1.39	1.6	2	0.32	2.7
N811063		2.78	0.020	0.76	7.10	90.4	950	1.65	1.15	1.90	0.69	58.4	26.4	10	12.30	23.4
N811064		5.17	0.010	0.30	7.28	22.4	1570	1.64	0.91	2.74	0.21	53.9	9.1	11	11.10	11.2
N811065		3.04	0.028	0.30	6.70	25.6	1820	1.46	0.83	2.49	0.17	49.5	17.4	11	9.03	3.7
N811066		1.88	0.009	0.32	7.13	19.9	1290	1.53	1.21	2.62	0.21	56.1	18.3	11	10.80	6.3
N811067		2.55	0.005	0.28	7.59	11.0	1850	1.53	0.48	2.71	0.24	49.3	7.1	11	11.65	4.0
N811068		1.24	0.006	0.39	7.35	14.4	1740	1.55	0.52	2.65	0.43	48.6	7.1	11	11.35	6.5
N811069		2.53	0.025	0.72	6.07	26.0	550	1.24	0.79	3.39	0.21	47.6	15.9	9	11.05	5.3
N811070		2.10	0.007	0.34	5.74	12.7	1970	1.27	0.82	1.87	0.14	31.0	12.0	14	7.82	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167658

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811035		3.16	17.00	0.11	1.0	0.034	2.73	25.3	14.1	0.89	606	1.43	2.34	8.3	2.9	610
N811036		3.09	16.65	0.12	0.9	0.037	2.47	24.2	15.3	0.85	574	15.00	2.25	7.8	2.9	610
N811037		3.22	16.30	0.13	0.9	0.033	2.59	25.9	13.1	0.91	616	36.3	2.41	7.9	2.8	630
N811038		2.94	15.85	0.13	1.0	0.035	2.42	24.1	12.4	0.83	565	23.2	2.18	7.4	2.9	570
N811039		3.30	15.95	0.10	1.0	0.083	2.66	21.0	12.0	0.80	1200	0.95	1.47	7.4	2.6	610
N811040		3.29	16.60	0.12	0.8	0.046	2.34	25.6	10.3	0.95	663	5.25	2.25	8.2	3.0	660
N811041		3.53	15.75	0.13	0.8	0.170	2.61	19.9	12.4	0.81	1200	4.70	1.57	7.2	2.5	590
N811042		7.94	12.65	0.12	1.1	5.12	2.18	18.4	32.9	0.61	2950	14.55	0.08	5.3	13.9	420
N811043		3.27	16.25	0.14	0.8	0.114	2.67	29.0	14.2	0.82	758	1.11	1.72	7.9	3.3	590
N811044		3.36	16.50	0.12	1.1	0.068	2.80	23.3	14.0	0.79	760	0.80	1.76	7.8	2.6	610
N811045		6.23	14.25	0.14	0.8	1.265	2.85	22.4	12.1	0.65	2160	1.36	0.20	6.3	2.1	490
N811046		0.48	0.20	0.05	<0.1	<0.005	0.03	0.5	1.0	12.60	218	0.12	0.01	0.1	1.5	160
N811047		3.53	16.50	0.13	1.1	0.250	3.10	20.5	12.5	0.71	1060	1.53	0.66	7.4	2.3	590
N811048		2.93	15.80	0.14	1.1	0.063	2.48	24.4	11.3	0.83	632	0.78	2.17	7.3	2.5	580
N811049		3.27	16.25	0.11	1.3	0.085	3.39	30.5	13.5	0.86	834	1.94	1.43	8.3	2.8	600
N811050		3.81	15.55	0.14	1.1	0.220	3.21	32.5	18.1	1.03	921	0.97	1.07	7.6	2.5	590
N811051		2.96	15.05	0.15	1.1	0.070	2.77	27.5	13.7	0.82	735	0.96	1.91	7.6	2.5	570
N811052		2.82	14.60	0.13	1.1	0.105	2.78	30.3	12.8	0.78	749	1.47	2.06	7.2	2.6	540
N811053		2.85	14.60	0.13	1.2	0.044	2.79	32.5	13.7	0.73	504	1.27	2.13	7.5	2.4	540
N811054		4.41	15.70	0.17	1.2	0.149	3.06	30.4	13.1	0.68	654	1.23	0.96	8.1	2.6	590
N811055		2.97	15.25	0.14	1.2	0.055	2.66	25.0	15.2	0.77	508	0.80	2.02	7.9	2.5	600
N811056		3.53	16.80	0.13	1.1	0.253	2.99	26.4	18.8	0.70	1800	1.00	0.97	8.5	3.1	580
N811057		8.10	12.95	0.19	1.0	4.91	2.29	15.5	33.5	0.62	3090	15.40	0.08	5.9	13.7	450
N811058		2.95	16.40	0.13	1.2	0.276	2.80	22.5	15.8	0.74	659	11.45	1.52	8.8	2.6	650
N811059		3.14	17.75	0.16	1.1	0.080	3.05	21.3	12.4	0.79	918	1.62	1.93	8.9	2.9	630
N811060		3.32	16.40	0.17	1.0	0.234	3.32	28.1	14.1	0.74	1660	734	0.61	7.1	2.5	510
N811061		3.69	14.50	0.12	0.8	0.372	3.08	28.2	9.2	1.25	2750	9.94	0.14	5.7	2.2	520
N811062		0.49	0.45	<0.05	<0.1	0.007	0.06	0.7	1.5	13.35	222	2.19	0.01	0.4	0.4	190
N811063		3.01	14.75	0.09	1.0	0.273	3.35	31.7	9.1	0.76	1480	1.31	0.06	5.1	3.3	500
N811064		2.89	15.60	0.11	1.0	0.244	2.98	27.1	11.7	0.77	945	1.85	1.03	6.3	2.4	570
N811065		3.02	14.25	0.11	0.8	0.250	2.78	25.7	14.3	0.80	885	1.40	0.68	5.2	2.4	510
N811066		3.45	14.80	0.13	0.8	0.252	2.92	30.0	10.1	0.96	1230	1.25	0.76	5.7	2.9	570
N811067		3.00	15.55	0.11	1.0	0.078	2.37	23.7	43.7	0.77	654	0.99	1.42	8.0	2.2	620
N811068		2.94	15.20	0.13	1.0	0.084	2.40	23.8	34.6	0.79	666	1.58	1.37	7.8	2.3	600
N811069		3.39	11.70	0.11	0.9	0.265	2.65	25.2	12.7	1.29	1190	2.53	0.05	4.8	4.2	500
N811070		2.07	10.95	0.07	0.8	0.161	2.52	16.1	18.3	0.57	574	0.98	0.07	4.6	3.5	440

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167658

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811035		20.3	111.5	<0.002	0.05	1.66	10.6	2	1.7	451	0.69	<0.05	15.3	0.266	1.10	4.3
N811036		24.4	100.0	0.004	0.03	1.29	10.5	1	1.7	441	0.55	0.06	12.6	0.267	1.06	3.0
N811037		18.9	106.0	0.012	0.02	0.87	10.4	1	1.7	466	0.58	0.08	13.7	0.268	0.99	4.1
N811038		17.3	97.6	0.007	0.02	0.83	9.6	2	1.7	420	0.57	<0.05	12.5	0.254	0.93	3.4
N811039		50.6	113.5	<0.002	0.75	5.60	9.9	2	2.3	327	0.54	0.14	10.4	0.259	1.35	3.8
N811040		15.9	100.5	<0.002	0.02	1.00	11.5	1	1.9	440	0.56	<0.05	11.3	0.283	0.93	3.1
N811041		70.2	124.5	<0.002	0.58	5.63	9.6	2	2.5	342	0.51	0.07	9.5	0.257	1.68	4.8
N811042		8950	147.5	<0.002	6.87	208	7.3	2	8.4	123.5	0.42	0.37	9.6	0.175	2.17	5.5
N811043		29.3	125.5	<0.002	0.23	1.96	10.7	1	2.0	352	0.53	0.05	12.5	0.266	1.30	3.7
N811044		32.8	129.5	<0.002	0.39	2.89	10.7	2	2.0	355	0.54	0.05	13.8	0.263	1.41	4.0
N811045		6380	189.0	<0.002	5.30	106.0	9.2	1	11.3	102.0	0.48	0.17	11.2	0.215	2.42	2.8
N811046		11.9	1.7	<0.002	0.02	0.24	0.3	<1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	0.03	0.4
N811047		492	170.0	<0.002	1.14	11.30	10.6	1	6.0	212	0.52	0.10	11.0	0.250	2.00	4.0
N811048		43.8	104.5	0.003	0.08	2.16	10.1	1	1.7	393	0.54	<0.05	13.6	0.251	0.97	4.1
N811049		489	160.0	<0.002	0.65	32.6	10.8	1	4.3	288	0.79	0.05	17.2	0.246	1.73	7.9
N811050		780	185.5	<0.002	1.20	12.55	10.5	1	5.6	242	0.61	0.06	15.1	0.242	2.00	4.5
N811051		93.9	122.5	<0.002	0.18	3.54	10.5	1	2.0	353	0.63	<0.05	14.0	0.244	1.29	4.1
N811052		29.8	121.0	<0.002	0.07	2.94	10.0	1	1.9	319	0.60	0.19	14.5	0.233	1.28	4.6
N811053		18.6	102.0	<0.002	0.01	1.78	9.3	1	1.6	390	0.71	<0.05	14.0	0.238	1.07	3.8
N811054		460	180.5	<0.002	2.91	14.95	10.5	2	6.5	198.5	0.76	0.17	15.5	0.245	2.14	7.0
N811055		20.9	104.0	<0.002	0.06	2.33	10.6	1	1.9	362	0.57	0.05	13.2	0.256	1.21	3.6
N811056		99.6	169.5	<0.002	0.80	8.55	11.9	1	3.7	223	0.69	0.08	15.3	0.250	2.31	5.1
N811057		9490	126.0	<0.002	7.19	227	7.8	2	9.5	116.5	0.47	0.49	7.9	0.185	2.17	5.1
N811058		278	133.0	0.003	0.33	4.93	12.1	1	2.6	295	0.86	0.05	13.9	0.252	1.87	4.8
N811059		25.4	122.5	<0.002	0.05	3.21	12.4	1	2.3	369	0.75	<0.05	12.0	0.275	1.66	3.4
N811060		90.7	195.5	0.138	0.52	7.88	10.9	2	3.3	152.0	0.62	1.42	15.2	0.216	3.00	4.3
N811061		461	231	0.002	2.00	14.30	9.3	1	4.9	84.0	0.42	0.14	14.5	0.187	3.04	5.1
N811062		2.4	3.0	<0.002	0.01	0.07	0.5	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
N811063		50.5	247	<0.002	1.15	9.33	9.4	1	1.8	57.7	0.47	0.22	17.4	0.160	3.37	4.7
N811064		21.0	161.5	<0.002	0.32	3.92	10.3	1	2.2	184.5	0.54	0.10	13.6	0.213	2.37	5.1
N811065		13.1	168.0	<0.002	0.63	4.14	9.6	1	2.2	114.0	0.43	0.13	13.4	0.176	2.33	3.6
N811066		14.4	194.0	<0.002	0.73	4.22	10.2	1	2.3	143.5	0.44	0.18	13.3	0.190	2.65	6.0
N811067		23.2	96.2	<0.002	0.24	3.58	10.7	1	2.2	317	0.64	0.11	13.5	0.263	1.42	4.0
N811068		23.8	99.1	<0.002	0.33	3.82	10.4	1	2.3	307	0.65	0.11	13.7	0.258	1.54	4.0
N811069		19.6	149.5	<0.002	1.97	8.10	7.9	1	1.6	88.2	0.43	0.16	11.9	0.162	2.37	4.1
N811070		22.2	130.5	<0.002	0.75	18.90	7.4	1	1.3	72.4	0.45	0.18	13.1	0.150	1.86	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167658

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811035		73	1.0	17.7	49	21.9		
N811036		73	4.8	16.1	50	19.8		
N811037		73	3.9	16.7	48	18.7		
N811038		69	3.0	15.5	45	19.2		
N811039		71	1.6	14.7	78	24.2		
N811040		79	0.7	17.8	50	21.7		
N811041		72	1.3	14.8	206	18.7		
N811042		50	4.4	9.2	>10000	31.8	128	1.710
N811043		74	0.9	16.2	71	20.6		
N811044		73	1.1	15.3	77	27.8		
N811045		59	3.8	11.3	2200	21.2	127	
N811046		2	0.1	0.8	16	<0.5		
N811047		72	2.9	13.6	714	26.5		
N811048		70	0.9	16.5	72	26.9		
N811049		69	4.2	17.4	286	34.4		
N811050		68	4.0	14.6	1250	28.2		
N811051		69	1.4	16.3	102	28.1		
N811052		65	2.1	16.2	65	28.5		
N811053		64	1.3	15.0	52	26.3		
N811054		69	2.5	14.4	196	27.7		
N811055		70	1.3	14.5	53	29.9		
N811056		67	2.4	13.1	159	28.1		
N811057		52	4.4	9.2	>10000	31.4	123	1.595
N811058		71	3.5	15.6	544	28.6		
N811059		77	1.7	15.7	65	26.1		
N811060		67	3.1	13.0	92	23.2		
N811061		64	2.9	12.1	766	21.0		
N811062		3	0.1	1.0	15	<0.5		
N811063		58	2.6	11.5	91	25.0		
N811064		74	2.7	14.3	64	23.9		
N811065		66	3.9	12.4	60	20.3		
N811066		72	2.9	13.4	69	20.7		
N811067		74	1.5	14.8	64	22.3		
N811068		72	1.8	14.4	82	21.1		
N811069		61	4.8	9.8	53	19.0		
N811070		57	3.3	9.0	34	16.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167658

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

CERTIFICATE WH12167659

Project: Klaza - 86

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

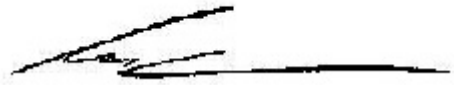
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167659

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811071		1.55	<0.005	0.22	8.25	10.4	2120	2.16	0.48	2.61	0.21	53.3	2.1	10	14.45	2.5
N811072		1.82	0.013	0.62	7.36	25.9	1220	1.74	0.47	2.98	4.32	57.7	5.3	11	12.95	4.7
N811073		3.12	0.015	0.57	7.40	40.1	1270	1.70	0.69	1.98	2.64	56.0	4.7	10	13.30	5.7
N811074		2.32	0.006	0.29	6.66	21.0	1430	1.48	0.71	2.25	0.50	44.9	8.9	13	11.30	3.9
N811075		3.06	0.009	0.28	7.84	17.4	1510	1.73	0.59	3.24	0.27	46.5	3.6	12	10.20	8.0
N811076		2.35	<0.005	0.19	7.20	8.8	1900	1.55	0.43	2.84	0.18	42.9	3.4	12	10.95	4.1
N811077		1.96	0.130	3.44	7.48	118.0	1210	1.67	4.69	2.66	11.75	49.7	9.8	11	14.20	41.9
N811078		1.79	0.010	0.33	7.76	14.0	1720	1.52	2.18	2.39	0.14	54.9	6.0	10	14.40	31.8
N811079		2.99	0.014	0.34	7.53	23.4	1890	1.50	0.85	2.34	0.26	55.8	7.0	11	8.31	10.9
N811080		0.27	2.31	24.3	5.93	3400	120	1.33	19.10	2.22	75.6	45.4	9.9	18	15.30	430
N811081		4.54	0.013	0.32	7.77	28.0	2100	1.65	1.27	2.70	0.17	56.7	7.3	15	7.44	12.2
N811082		1.56	0.490	1.37	7.60	41.5	2030	1.56	7.77	2.73	0.27	57.0	7.8	13	8.56	125.0
N811083		1.61	0.023	0.76	7.78	20.3	2050	1.62	1.53	2.77	0.33	53.3	6.5	11	9.62	19.9
N811084		1.45	0.047	1.17	7.26	33.3	1900	1.56	8.76	2.52	0.25	55.5	6.3	12	9.71	37.7
N811085		2.51	<0.005	<0.01	0.11	7	20	0.08	0.02	20.4	0.06	1.25	1.0	3	1.07	2.6
N811086		2.53	<0.005	0.08	7.53	4.3	2060	1.90	0.39	2.43	0.11	54.9	6.0	14	6.59	4.0
N811087		2.91	0.088	0.64	7.23	137.0	1710	1.61	1.80	2.49	0.56	54.9	5.5	10	11.25	9.6
N811088		1.61	0.202	0.94	7.36	422	1560	1.51	1.46	2.28	0.92	54.2	12.1	12	10.85	59.6
N811089		1.63	0.005	0.14	7.61	8.0	1980	1.43	0.54	2.31	0.19	55.1	5.3	13	6.89	6.3
N811090		1.77	0.112	0.86	7.50	235	1720	1.45	0.50	2.52	0.38	56.1	6.3	12	9.85	113.5
N811091		3.22	0.008	0.10	7.40	6.3	2060	1.39	0.26	2.30	0.21	47.5	6.4	14	6.08	4.3
N811092		<0.02	<0.005	0.12	7.79	6.7	2170	1.34	0.28	2.42	0.22	48.3	7.1	15	6.12	4.8
N811093		2.12	0.006	0.26	7.59	14.3	2220	1.49	0.65	2.67	0.70	57.3	13.5	13	13.20	3.5
N811094		2.81	<0.005	0.12	7.78	11.3	1930	1.28	0.27	2.70	0.38	62.7	13.6	15	8.72	3.3
N811095		2.37	0.045	0.63	7.45	149.0	1900	1.32	0.43	2.66	3.81	46.7	6.6	11	11.75	10.6
N811096		2.54	0.060	0.62	7.47	116.0	1950	1.39	1.77	1.95	2.41	58.8	6.3	16	15.85	56.4
N811097		2.11	0.008	0.16	7.71	21.9	2090	1.32	0.50	2.47	0.31	51.1	6.1	15	9.92	4.8
N811098		0.26	2.31	24.3	6.05	3160	870	1.22	19.55	2.17	76.9	42.6	11.0	20	14.75	435
N811099		1.65	0.027	0.85	7.59	83.2	1760	1.50	1.81	2.51	1.18	53.1	7.6	12	14.20	26.6
N811100		1.83	<0.005	0.08	7.22	5.5	2130	1.32	0.19	3.16	0.11	49.3	8.4	12	11.35	4.6
N811101		1.79	0.069	4.11	6.88	135.5	690	1.50	1.88	3.15	6.30	48.7	7.8	11	17.95	170.5
N811102		4.88	<0.005	<0.01	0.10	<5	20	0.08	0.02	19.80	0.06	1.32	1.0	2	0.35	1.6
N811103		3.22	<0.005	0.24	8.03	10.2	2490	2.01	0.42	2.64	0.40	45.9	11.3	16	11.50	5.9
N811104		1.68	<0.005	0.20	7.35	11.3	2290	1.58	0.44	2.43	0.38	43.5	11.4	12	10.95	6.0
N811105		2.96	<0.005	0.16	7.23	9.9	2060	1.23	0.29	2.14	0.33	63.9	15.9	13	19.75	6.5
N811106		1.90	<0.005	0.13	7.36	12.5	2350	1.38	0.27	2.78	0.29	55.4	11.5	13	18.95	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167659

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811071		2.30	16.10	0.09	1.3	0.453	3.44	26.7	27.8	0.64	696	1.40	0.65	6.5	2.5	600
N811072		2.48	14.05	0.11	1.0	0.482	3.30	30.8	9.0	0.83	1200	0.57	0.40	6.6	2.6	550
N811073		3.22	15.40	0.11	0.9	0.599	3.22	29.7	17.7	0.68	1940	0.79	0.14	6.5	3.2	560
N811074		2.93	13.55	0.11	0.8	0.444	3.21	23.2	18.9	0.73	1120	4.32	0.17	4.9	2.5	460
N811075		2.42	14.95	0.11	1.1	0.221	2.92	23.8	16.5	0.83	729	1.52	1.00	6.5	2.1	580
N811076		1.72	14.05	0.10	1.0	0.150	2.91	21.1	12.1	0.61	509	1.50	0.96	6.2	1.8	550
N811077		3.75	15.05	0.13	1.0	0.530	3.42	26.0	13.1	0.83	2210	1.77	0.25	5.6	2.1	590
N811078		3.21	15.45	0.14	1.1	0.245	2.86	27.7	23.8	0.81	711	1.05	1.29	7.7	2.4	620
N811079		3.29	14.70	0.14	1.1	0.141	2.89	28.5	19.3	0.86	780	1.36	1.59	7.7	2.5	590
N811080		6.77	12.85	0.17	0.9	1.660	2.56	23.0	23.7	0.92	1840	13.55	0.04	5.7	14.5	440
N811081		3.39	15.45	0.14	1.1	0.155	2.74	28.2	16.5	0.99	855	1.11	2.03	8.2	2.8	650
N811082		4.00	15.10	0.14	1.1	0.343	2.54	29.0	14.0	0.98	733	1.49	1.86	8.0	3.1	690
N811083		3.23	14.85	0.13	1.0	0.307	2.78	27.3	17.6	0.85	699	0.67	1.90	7.6	2.5	590
N811084		3.31	14.30	0.14	1.0	0.184	2.85	29.4	15.0	0.70	661	1.18	1.52	7.2	2.3	540
N811085		0.50	0.35	<0.05	<0.1	0.006	0.06	0.6	2.3	12.60	236	0.25	0.01	0.4	2.4	170
N811086		2.85	16.65	0.13	1.1	0.090	2.73	29.2	20.7	0.77	629	0.85	1.97	8.5	2.8	540
N811087		3.13	16.70	0.15	1.2	0.322	3.59	29.6	10.5	0.87	2090	3.28	0.36	7.2	2.2	560
N811088		3.55	17.40	0.15	0.9	0.213	3.25	30.3	14.5	0.90	1480	4.03	0.74	7.7	3.1	570
N811089		3.14	17.40	0.13	1.0	0.090	2.72	29.3	15.3	0.82	684	0.80	2.00	8.5	2.9	600
N811090		3.12	17.70	0.16	1.0	0.129	2.97	31.3	16.1	0.85	1040	0.81	1.45	8.5	3.2	570
N811091		2.79	16.45	0.13	1.0	0.041	2.60	24.9	14.1	0.75	539	0.93	2.04	7.9	2.9	560
N811092		2.93	18.10	0.14	0.9	0.041	2.73	26.3	14.5	0.79	563	1.01	2.12	8.8	3.2	590
N811093		2.41	18.45	0.15	1.0	0.134	3.08	30.3	16.3	0.77	742	0.64	1.19	8.3	3.6	590
N811094		2.36	17.25	0.15	1.1	0.045	2.84	33.5	13.1	0.75	770	0.80	1.75	8.4	3.3	600
N811095		2.99	16.80	0.15	1.1	0.122	2.98	26.1	15.4	0.85	1510	2.22	1.04	8.3	3.0	580
N811096		3.85	17.70	0.14	1.0	0.233	3.10	33.2	26.2	0.92	2050	0.86	0.43	8.0	3.7	580
N811097		3.39	17.85	0.14	1.3	0.086	2.93	26.6	18.4	0.85	819	0.60	1.62	9.2	3.2	620
N811098		6.67	15.15	0.14	1.0	1.665	2.57	23.3	24.6	0.89	1880	13.55	0.04	6.4	15.9	450
N811099		4.17	18.20	0.15	1.2	0.352	3.03	28.8	25.2	0.91	1330	0.83	0.83	8.7	3.4	630
N811100		3.21	16.40	0.13	1.3	0.063	2.71	25.2	18.1	0.79	801	0.60	1.22	9.3	3.3	640
N811101		4.09	16.60	0.14	1.2	0.400	2.83	25.4	19.2	0.92	1640	1.18	0.39	8.7	3.3	600
N811102		0.46	0.32	0.05	<0.1	0.005	0.04	0.7	1.4	12.20	210	0.17	0.01	0.4	2.5	180
N811103		2.36	17.90	0.13	1.4	0.056	2.82	23.4	27.2	0.78	518	1.56	1.53	9.2	3.8	670
N811104		2.16	15.85	0.15	1.3	0.050	2.59	22.7	22.2	0.70	458	1.08	1.40	8.1	3.4	600
N811105		2.43	16.25	0.16	1.2	0.021	2.64	36.6	22.8	0.76	544	1.40	0.52	7.7	4.2	570
N811106		2.18	16.60	0.14	1.4	0.020	2.42	29.3	30.8	0.87	561	1.23	0.74	8.4	3.2	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167659

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811071		12.7	187.0	<0.002	0.20	8.55	10.8	1	2.1	223	0.66	0.07	16.7	0.212	2.87	5.3
N811072		188.0	229	<0.002	0.50	18.10	9.3	1	2.7	128.5	0.61	0.09	15.6	0.211	3.25	5.6
N811073		89.9	227	<0.002	0.78	22.1	10.3	1	2.6	86.9	0.54	0.11	14.3	0.216	3.18	4.4
N811074		22.8	227	<0.002	0.57	16.40	8.2	1	2.5	93.7	0.43	0.11	12.8	0.171	3.03	4.4
N811075		21.2	171.5	<0.002	0.31	11.15	9.8	1	2.0	196.0	0.57	0.08	16.1	0.205	2.57	5.0
N811076		16.7	164.0	<0.002	0.15	14.45	9.3	1	2.0	209	0.54	0.06	14.0	0.202	2.58	4.9
N811077		289	244	<0.002	1.61	10.55	10.6	1	3.7	93.2	0.46	0.29	14.2	0.193	3.33	5.7
N811078		16.6	137.5	<0.002	0.30	3.65	10.7	1	2.1	247	0.67	0.17	14.7	0.252	1.91	3.7
N811079		23.6	133.5	<0.002	0.43	2.51	9.9	1	2.4	305	0.64	0.12	14.7	0.252	1.54	4.6
N811080		2720	152.5	0.002	4.80	89.6	7.3	2	7.7	85.1	0.46	0.44	10.1	0.173	2.32	5.3
N811081		19.9	120.0	<0.002	0.25	1.92	11.0	1	2.0	358	0.71	0.06	13.7	0.272	1.33	5.2
N811082		27.9	116.0	<0.002	1.04	3.06	11.7	2	2.6	346	0.66	0.30	14.3	0.276	1.32	5.7
N811083		23.5	116.0	<0.002	0.49	2.68	10.5	1	2.0	364	0.58	0.28	13.1	0.254	1.33	4.3
N811084		27.9	118.0	<0.002	1.15	3.04	9.2	1	2.6	303	0.60	0.37	11.7	0.234	1.41	4.1
N811085		2.0	4.5	<0.002	0.01	0.05	0.3	1	0.2	42.8	<0.05	<0.05	0.2	<0.005	0.03	0.8
N811086		19.2	111.0	<0.002	0.12	1.89	11.1	1	1.8	360	0.62	<0.05	13.6	0.241	1.13	4.1
N811087		40.6	219	<0.002	1.18	9.55	10.2	1	4.2	128.5	0.65	0.32	15.3	0.225	3.27	4.9
N811088		58.8	201	<0.002	1.25	4.76	10.9	1	4.2	195.5	0.54	0.17	12.6	0.243	2.38	4.4
N811089		21.4	107.0	<0.002	0.19	2.41	11.2	1	1.8	372	0.65	<0.05	15.2	0.267	1.40	3.8
N811090		27.7	143.0	<0.002	0.51	3.68	10.9	1	2.4	286	0.63	0.06	16.0	0.254	1.63	5.3
N811091		22.5	89.2	<0.002	0.06	2.49	10.1	1	1.5	381	0.61	<0.05	12.2	0.242	1.04	3.7
N811092		22.0	101.0	<0.002	0.06	2.51	10.8	1	1.5	398	0.60	0.05	12.3	0.256	1.03	3.8
N811093		40.1	137.0	<0.002	0.28	10.60	11.2	1	1.9	292	0.61	0.08	12.2	0.256	2.31	3.6
N811094		27.7	119.0	<0.002	0.13	3.76	10.6	1	1.6	333	0.65	<0.05	13.7	0.261	1.63	4.4
N811095		87.0	167.5	<0.002	0.53	15.40	10.6	1	1.5	255	0.64	<0.05	13.6	0.241	2.02	5.5
N811096		77.5	209	<0.002	0.56	26.6	11.2	1	2.3	175.0	0.60	0.50	13.8	0.253	2.71	4.5
N811097		26.8	134.0	<0.002	0.15	3.45	11.2	1	2.0	334	0.71	0.05	14.0	0.268	1.66	4.6
N811098		2740	147.0	0.002	4.81	86.4	8.0	1	7.7	91.6	0.49	0.39	11.0	0.181	2.46	5.8
N811099		41.1	157.0	<0.002	1.07	5.93	11.6	1	3.2	241	0.67	0.12	14.0	0.265	2.13	6.4
N811100		18.1	104.5	<0.002	0.03	2.51	11.0	1	1.8	337	0.74	<0.05	12.7	0.273	1.33	4.0
N811101		120.0	137.0	<0.002	2.03	18.10	10.5	1	4.2	201	0.68	0.13	11.6	0.251	2.17	8.5
N811102		1.7	2.2	<0.002	0.01	0.07	0.3	1	<0.2	46.5	<0.05	<0.05	0.2	<0.005	0.02	0.7
N811103		27.5	116.5	<0.002	0.09	27.2	13.3	1	1.3	371	0.81	0.05	12.2	0.286	1.58	5.2
N811104		27.6	99.1	<0.002	0.10	32.1	11.1	1	1.4	340	0.79	0.06	11.6	0.258	1.47	5.7
N811105		18.8	123.0	<0.002	0.27	65.0	11.2	1	1.1	235	0.62	<0.05	12.2	0.245	1.37	4.7
N811106		21.9	96.0	<0.002	0.12	67.0	11.2	1	0.9	303	0.77	<0.05	13.8	0.264	1.56	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167659

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811071		77	2.7	14.3	55	27.9
N811072		62	1.9	13.5	302	21.9
N811073		69	2.3	12.8	256	21.5
N811074		64	2.8	11.6	86	17.7
N811075		69	2.2	15.2	74	25.5
N811076		63	1.9	15.2	53	23.8
N811077		70	3.0	13.7	1140	22.6
N811078		73	1.9	15.4	60	26.7
N811079		69	3.5	15.5	63	27.2
N811080		56	5.1	10.1	5050	24.3
N811081		78	1.8	18.4	58	25.7
N811082		83	2.1	19.1	80	24.0
N811083		71	1.4	16.4	87	23.3
N811084		63	1.8	14.4	59	21.9
N811085		1	0.1	0.9	14	<0.5
N811086		66	0.9	17.5	48	28.1
N811087		67	4.0	12.2	86	26.3
N811088		68	2.9	14.2	124	22.0
N811089		73	1.0	17.1	58	24.0
N811090		72	1.8	16.9	74	23.3
N811091		67	0.9	15.6	53	23.2
N811092		72	0.8	18.0	56	24.7
N811093		72	1.7	17.5	110	23.7
N811094		73	1.6	16.1	69	25.6
N811095		70	5.1	14.6	382	29.4
N811096		77	3.9	16.2	280	24.3
N811097		76	1.9	17.5	76	32.1
N811098		57	5.1	10.2	5520	26.3
N811099		76	8.0	16.6	151	32.2
N811100		77	1.6	19.0	49	33.5
N811101		73	2.9	16.7	422	29.5
N811102		1	0.1	0.8	13	0.5
N811103		83	4.3	16.1	73	32.4
N811104		73	4.8	14.2	67	28.3
N811105		75	2.7	17.0	53	29.0
N811106		77	2.3	15.5	63	31.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12167659

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
This copy reported on 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12168576

Project: Klaza-66

P.O. No.:

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140554**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12168576

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N829522		0.031
N829523		0.479
N829524		<0.005
N829525		0.053
N829526		0.028
N829527		4.37
N829528		0.085
N829529		0.136
N829530		0.306
N829531		0.031
N829532		0.159
N829533		0.262
N829534		<0.005
N829535		0.077
N829536		0.020
N829537		0.025
N829538		0.017
N829539		0.016
N829540		0.079
N829541		0.031
N829542		0.023
N829543		0.007
N829544		0.009
N829545		0.036
N829546		0.035
N829547		0.023
N829548		0.020
N829549		2.22
N829550		0.056
N829551		2.51
N829552		0.039
N829553		0.039
N829554		0.021
N829555		0.023
N829556		0.027
N829557		0.026
N829558		0.014

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140554**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
This copy reported on 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12168577

Project: Klaza-70

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147077** **Project name ROCKHA_WH12147077 changed to Klaza-70.**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12168577

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828424		0.122
N828425		0.208
N828426		<0.005
N828427		<0.005
N828428		<0.005
N828429		<0.005
N828430		0.005
N828431		<0.005
N828432		0.005
N828433		0.012
N828434		2.17
N828435		0.055
N828436		0.005
N828437		1.065
N828438		0.578
N828439		0.005
N828440		0.009
N828441		0.006
N828442		<0.005
N828443		<0.005
N828444		<0.005
N828445		<0.005
N828446		<0.005
N828447		<0.005
N828448		0.496
N828449		<0.005
N828450		0.011
N828451		0.821
N828452		0.029
N828453		0.008
N828454		0.007
N828455		0.009
N828456		0.275
N828457		<0.005
N828458		0.036
N828459		0.036

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147077** **Project name ROCKHA_WH12147077 changed to Klaza-70.**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
This copy reported on 30-JUL-2012
Account: ROCKHA

CERTIFICATE WH12168621

Project: Klaza-68

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145815**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12168621

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N829194		0.100
N829195		0.024
N829196		0.024
N829197		0.008
N829198		0.013
N829199		0.008
N829200		<0.005
N829201		0.011
N829202		0.175
N829203		<0.005
N829204		<0.005
N829205		<0.005
N829206		<0.005
N829207		0.785
N829208		0.219
N829209		<0.005
N829210		<0.005
N829211		<0.005
N829212		0.022
N829213		<0.005
N829214		<0.005
N829215		0.057
N829216		0.007
N829217		1.195
N829218		<0.005
N829219		0.760
N829220		0.288
N829221		2.33
N829222		0.457
N829223		1.850
N829224		0.020
N829225		0.033
N829226		0.043
N829227		0.277
N829228		<0.005
N829229		0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145815**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170280

Project: Klaza-82

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

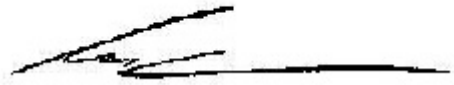
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82

CERTIFICATE OF ANALYSIS WH12170280

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810484		0.26	2.44	25.0	6.22	3060	660	1.21	18.50	2.28	80.8	42.1	11.5	16	14.85	442
N810485		5.86	0.055	0.92	7.93	93.7	1700	1.52	1.05	2.74	5.23	55.5	7.7	7	13.95	16.9
N810486		6.46	0.009	0.31	7.68	21.2	2370	1.54	0.50	2.33	0.24	54.0	8.8	11	9.69	7.8
N810487		3.63	0.218	4.60	6.97	436	250	1.37	15.05	2.21	2.20	49.9	8.8	7	10.40	124.5
N810488		3.61	<0.005	0.02	0.07	<5	20	0.05	0.06	19.85	0.06	1.25	1.0	<1	0.15	3.7
N810489		9.91	0.009	0.16	7.45	13.2	1800	1.46	0.40	2.66	0.85	53.6	5.9	8	12.20	5.0
N810490		0.26	4.63	>100	5.37	6920	550	0.99	55.3	1.84	214	33.1	8.7	15	10.20	1205
N810491		10.77	0.011	1.25	7.20	21.0	1160	1.67	4.08	3.34	0.43	49.2	5.3	6	20.5	32.0
N810492		11.12	0.022	1.04	7.35	20.5	610	1.94	2.77	2.93	0.80	36.7	11.3	5	16.40	13.5
N810493		8.28	0.023	1.52	6.88	52.2	490	1.75	2.20	2.99	19.95	32.0	2.9	6	16.15	14.6
N810494		4.40	0.114	1.73	7.61	557	590	1.50	2.40	1.73	9.67	47.4	4.8	6	12.55	93.5
N810495		3.94	0.007	0.64	8.12	32.1	290	1.73	1.16	1.49	2.89	48.6	3.2	6	14.55	5.0
N810496		6.32	0.458	19.25	6.77	892	410	1.20	117.0	3.06	7.01	42.6	2.0	5	10.00	231
N810497		11.57	<0.005	0.42	6.96	14.7	490	1.66	1.05	3.38	1.16	44.5	1.5	8	18.65	18.0
N810498		8.61	0.009	0.42	6.91	19.5	540	1.75	0.89	3.25	1.70	37.7	1.6	7	17.20	3.0
N810499		5.17	1.075	3.64	7.05	1070	400	1.24	6.26	1.58	4.68	45.0	5.0	8	8.78	59.4
N810500		3.29	<0.005	0.04	0.13	8	30	0.07	0.09	20.0	0.09	1.78	1.0	<1	0.38	2.1
N810501		7.55	0.008	0.54	6.92	19.7	460	1.64	1.21	3.04	2.94	36.6	4.1	6	12.75	5.2
N810502		7.00	0.015	1.00	6.86	50.9	930	1.55	2.17	3.45	6.82	41.3	10.8	6	10.75	8.5
N810503		5.07	0.009	0.61	7.36	19.9	800	1.54	1.77	3.05	1.44	44.4	3.9	6	14.80	3.9
N810504		10.78	0.009	0.63	7.92	14.6	580	1.79	1.58	2.44	1.86	44.1	4.0	8	14.30	11.3
N810505		3.83	0.184	0.79	7.31	306	300	1.35	1.73	2.76	2.74	47.5	3.6	5	9.42	15.5
N810506		3.63	0.176	1.36	7.43	198.5	410	1.48	2.90	3.61	2.56	47.4	3.1	6	14.50	42.2
N810507		9.25	0.015	0.20	7.55	17.1	420	1.62	0.75	2.47	0.37	49.1	1.4	9	10.55	2.0
N810508		7.96	0.013	0.42	7.33	10.8	630	1.67	1.18	2.43	0.88	39.5	1.5	7	9.55	5.6
N810509		11.62	0.031	0.56	7.81	27.6	800	1.66	1.57	2.69	2.30	51.0	4.9	7	12.00	10.7
N810510		6.92	0.006	0.13	7.70	10.2	1570	1.62	0.36	2.63	0.24	50.0	4.0	7	12.00	2.7
N810511		2.19	0.006	0.10	7.17	9.8	1700	1.65	0.24	2.48	0.26	56.5	4.5	7	10.25	2.0
N810512		10.92	0.015	0.39	7.55	16.0	1880	1.56	0.70	2.37	0.58	52.8	5.2	7	11.85	3.7
N810513		11.03	<0.005	0.15	7.47	13.6	1990	1.55	0.31	2.16	0.24	56.1	6.7	7	10.75	4.6
N810514		<0.02	0.005	0.14	7.49	13.0	2030	1.56	0.33	2.18	0.29	55.6	7.6	8	10.80	4.6
N810515		6.97	0.054	0.44	7.57	20.0	2150	1.39	1.23	1.79	1.26	54.3	8.1	7	10.80	7.8
N810516		4.57	0.028	0.20	7.03	24.8	2040	1.39	0.67	2.28	0.40	46.0	4.8	7	12.95	3.0
N810517		4.21	0.053	0.54	7.29	63.1	2530	1.41	1.75	2.46	0.78	53.6	5.7	8	11.45	12.0
N810518		5.11	0.020	0.27	7.08	18.6	2190	1.63	1.79	2.50	0.15	47.8	5.8	7	15.05	3.9
N810519		4.56	0.051	0.53	7.54	49.8	1740	1.57	1.98	2.12	0.41	48.1	6.5	9	15.70	12.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82

CERTIFICATE OF ANALYSIS WH12170280

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810484		6.82	14.30	0.13	0.9	1.790	2.61	22.5	25.3	0.93	1920	13.10	0.04	6.4	17.2	450
N810485		3.25	16.75	0.15	1.1	0.227	2.81	30.0	16.2	0.83	852	1.73	1.44	8.8	3.4	630
N810486		3.00	16.50	0.14	1.1	0.065	2.87	28.3	17.7	0.84	688	0.99	2.52	8.4	3.2	600
N810487		5.50	15.40	0.17	1.0	0.226	2.75	26.2	16.4	0.71	860	2.05	1.21	7.5	3.1	520
N810488		0.46	0.21	<0.05	<0.1	0.005	0.02	0.6	0.9	12.50	214	0.12	0.01	0.2	0.9	170
N810489		2.61	16.45	0.12	1.0	0.059	2.42	28.0	15.6	0.74	666	1.21	2.04	8.4	2.7	550
N810490		7.62	12.05	0.16	0.9	4.16	2.23	16.7	30.2	0.60	2940	15.45	0.08	5.6	13.7	450
N810491		2.33	16.50	0.09	0.8	0.677	1.73	20.5	15.5	0.79	898	0.48	1.79	7.7	2.5	560
N810492		2.47	17.75	0.11	0.8	0.498	2.04	12.8	22.2	0.86	887	0.42	1.75	7.4	8.5	550
N810493		1.78	16.30	0.11	0.9	0.396	2.53	10.8	17.5	0.62	840	0.72	0.84	7.6	1.9	560
N810494		3.87	16.80	0.13	0.7	0.515	3.12	20.0	27.3	0.62	1220	0.88	0.29	7.0	2.1	580
N810495		2.32	18.85	0.13	0.8	0.292	2.52	18.7	80.7	0.63	1110	0.59	0.06	8.5	2.0	610
N810496		3.65	13.90	0.13	0.7	0.381	2.64	19.1	33.5	1.05	1900	2.73	0.06	6.4	1.5	500
N810497		1.29	16.90	0.11	0.8	0.180	1.46	15.7	26.6	0.67	710	0.65	2.18	8.4	1.4	570
N810498		1.41	16.20	0.13	0.7	0.229	1.96	13.1	13.8	0.65	696	0.53	2.14	7.6	1.6	590
N810499		4.77	15.65	0.15	0.7	0.316	3.12	19.7	13.5	0.76	869	0.88	0.06	6.8	2.2	500
N810500		0.50	0.31	<0.05	<0.1	0.007	0.05	0.8	1.1	12.65	227	0.11	0.01	0.3	1.2	190
N810501		1.71	17.15	0.08	0.8	0.295	2.31	13.1	23.4	0.57	630	0.71	1.41	7.9	2.8	580
N810502		2.31	16.30	0.11	0.7	0.599	2.00	14.8	31.0	0.49	802	1.32	1.59	7.1	3.3	800
N810503		2.17	17.05	0.12	0.8	0.469	1.70	16.3	25.9	0.71	737	0.31	2.21	7.3	1.8	600
N810504		2.02	18.50	0.13	0.9	0.451	1.99	16.0	22.6	0.65	751	0.56	1.62	8.3	1.9	610
N810505		3.49	16.10	0.14	0.7	0.425	3.08	19.7	22.2	1.05	3040	0.92	0.07	6.6	1.5	540
N810506		2.32	16.40	0.12	1.0	0.271	3.10	19.5	17.8	1.12	2620	3.99	0.10	7.8	2.3	590
N810507		3.11	16.70	0.13	0.8	0.571	2.58	18.1	41.1	0.80	1160	0.32	0.99	7.6	1.5	600
N810508		2.40	16.75	0.13	0.7	0.491	1.91	15.3	12.1	0.75	854	0.23	2.15	7.3	1.8	560
N810509		3.33	17.75	0.13	0.8	0.512	2.14	23.2	13.8	0.94	975	0.38	1.86	7.4	2.6	610
N810510		2.56	16.30	0.13	1.0	0.091	2.37	25.6	16.5	0.75	640	0.61	2.31	8.1	2.6	590
N810511		2.51	16.55	0.15	1.0	0.056	2.51	30.3	17.8	0.68	597	0.67	2.26	8.5	2.9	570
N810512		2.49	16.20	0.15	1.0	0.105	2.40	27.3	17.7	0.77	669	0.96	2.37	8.4	3.2	570
N810513		2.44	16.00	0.14	0.9	0.067	2.53	29.5	18.7	0.71	638	0.84	2.46	8.5	3.0	570
N810514		2.48	16.25	0.13	0.9	0.068	2.59	29.2	18.8	0.71	644	0.91	2.46	8.4	3.0	570
N810515		2.96	16.10	0.15	0.9	0.176	2.78	28.8	16.0	0.54	678	0.99	1.35	7.6	3.0	570
N810516		2.67	16.15	0.13	1.0	0.159	2.83	22.0	24.3	0.68	726	1.03	1.20	8.2	2.7	570
N810517		3.29	15.20	0.14	0.9	0.154	3.01	28.5	25.1	0.64	723	1.07	0.90	7.4	2.8	530
N810518		2.60	16.00	0.15	1.1	0.093	3.12	24.0	12.2	0.64	602	1.01	1.27	8.1	2.8	570
N810519		2.56	15.00	0.20	1.0	0.123	2.89	25.3	24.9	0.70	625	1.03	0.69	6.9	2.8	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82

CERTIFICATE OF ANALYSIS WH12170280

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810484		2870	164.0	0.002	5.04	92.3	7.8	1	8.6	92.8	0.47	0.45	10.0	0.179	2.27	5.1
N810485		180.5	128.5	<0.002	0.57	6.07	11.6	1	2.3	271	0.64	0.09	14.4	0.270	1.59	4.4
N810486		28.9	105.0	<0.002	0.25	2.77	11.1	1	1.6	428	0.64	0.07	13.9	0.262	1.09	4.2
N810487		128.0	123.0	<0.002	3.14	9.05	9.8	1	4.4	246	0.56	0.22	12.0	0.224	1.54	4.7
N810488		1.8	1.1	<0.002	0.02	<0.05	0.2	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N810489		29.9	105.5	<0.002	0.14	2.69	9.7	1	1.3	352	0.62	<0.05	13.6	0.230	1.11	4.6
N810490		9220	122.0	<0.002	6.94	207	6.2	2	7.9	116.5	0.41	0.44	8.0	0.173	1.86	5.0
N810491		43.2	94.2	<0.002	0.25	5.66	10.0	1	2.4	324	0.60	0.12	13.2	0.208	1.43	4.2
N810492		38.5	102.5	<0.002	0.47	5.12	10.0	1	3.8	255	0.59	0.05	13.1	0.204	1.78	3.5
N810493		380	118.0	<0.002	0.30	5.86	9.1	1	3.2	167.5	0.63	0.06	13.2	0.209	2.19	3.6
N810494		221	201	<0.002	1.07	13.35	9.7	1	6.6	80.5	0.54	0.07	15.3	0.189	2.61	4.3
N810495		78.1	129.5	<0.002	0.19	16.05	10.9	1	3.7	79.5	0.68	0.06	16.4	0.224	2.56	6.1
N810496		619	159.0	<0.002	1.93	44.8	8.5	1	6.2	100.5	0.52	0.11	12.3	0.186	2.27	4.4
N810497		57.3	81.0	<0.002	0.06	7.51	10.4	1	2.4	362	0.66	<0.05	12.9	0.219	1.34	3.7
N810498		55.8	100.0	<0.002	0.13	3.83	10.7	1	2.4	315	0.60	0.06	13.4	0.214	1.61	3.6
N810499		356	211	<0.002	3.39	12.10	9.1	1	5.4	60.3	0.53	0.45	14.0	0.192	2.39	4.5
N810500		3.8	3.2	<0.002	0.04	0.14	0.3	1	0.2	50.2	<0.05	<0.05	0.2	<0.005	0.03	0.6
N810501		52.7	121.5	<0.002	0.52	3.83	10.3	1	2.6	232	0.59	0.14	12.1	0.214	1.93	3.4
N810502		84.9	102.0	<0.002	0.98	3.70	8.6	1	4.0	273	0.56	0.16	12.6	0.203	1.70	3.2
N810503		39.7	93.8	<0.002	0.42	4.05	9.7	1	3.3	325	0.59	0.15	13.7	0.199	1.50	3.5
N810504		68.4	117.0	<0.002	0.28	7.49	11.1	1	2.7	231	0.65	0.10	15.6	0.221	2.00	3.5
N810505		91.7	176.0	<0.002	1.54	9.56	9.3	1	5.0	79.4	0.55	0.07	14.5	0.194	2.79	4.8
N810506		91.3	152.0	<0.002	1.02	13.25	10.7	1	2.8	109.5	0.63	0.08	13.5	0.233	3.17	7.4
N810507		20.8	123.5	<0.002	0.19	3.32	10.3	1	5.2	142.0	0.60	0.06	13.7	0.224	2.23	4.0
N810508		35.0	93.1	<0.002	0.13	2.78	10.1	1	4.0	257	0.58	<0.05	13.8	0.210	1.63	3.4
N810509		50.7	107.5	<0.002	0.54	3.28	10.9	1	4.7	274	0.56	0.11	15.3	0.209	1.56	4.3
N810510		18.9	83.3	<0.002	0.15	2.91	10.3	1	1.4	367	0.63	<0.05	15.1	0.229	0.89	4.6
N810511		19.5	91.8	<0.002	0.09	2.64	10.5	1	1.2	371	0.65	<0.05	15.7	0.231	0.83	5.3
N810512		28.6	85.6	<0.002	0.31	4.39	10.3	1	1.5	369	0.67	0.11	15.0	0.235	0.87	4.8
N810513		23.8	87.1	<0.002	0.15	4.74	10.3	1	1.4	400	0.66	<0.05	15.1	0.231	0.81	4.9
N810514		24.7	89.5	<0.002	0.17	4.83	10.4	1	1.4	399	0.66	<0.05	15.2	0.230	0.81	5.0
N810515		74.6	109.5	<0.002	0.70	9.33	10.1	1	2.1	242	0.59	0.24	14.5	0.230	1.06	4.2
N810516		29.8	104.0	<0.002	0.45	7.68	10.8	1	1.8	232	0.65	0.10	13.5	0.228	1.29	3.6
N810517		45.5	131.0	<0.002	1.15	4.92	9.5	1	2.7	264	0.59	0.10	13.2	0.217	1.57	4.2
N810518		18.2	123.5	<0.002	1.03	3.74	10.6	1	1.4	361	0.68	0.27	14.3	0.213	1.65	5.3
N810519		22.0	133.5	0.002	1.05	10.10	10.4	1	2.1	197.5	0.58	0.51	12.4	0.236	2.17	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82

CERTIFICATE OF ANALYSIS WH12170280

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810484		55	5.3	10.2	5360	26.8		
N810485		74	2.2	17.5	378	27.5		
N810486		70	1.2	17.2	51	28.6		
N810487		61	3.9	13.9	248	25.5		
N810488		2	0.3	0.8	18	<0.5		
N810489		62	1.4	17.0	105	29.5		
N810490		51	4.2	9.0	>10000	31.9	114	1.635
N810491		65	1.5	18.1	82	23.4		
N810492		64	1.7	15.6	120	21.9		
N810493		60	1.6	14.3	1720	25.0		
N810494		48	3.0	13.4	853	18.4		
N810495		61	2.3	16.0	274	22.0		
N810496		51	3.4	12.6	742	21.0		
N810497		57	0.9	15.5	143	23.4		
N810498		56	1.1	14.3	185	20.2		
N810499		54	4.2	11.2	441	20.8		
N810500		3	0.3	0.9	20	<0.5		
N810501		63	1.2	13.1	291	24.0		
N810502		58	1.6	14.2	640	19.7		
N810503		60	1.0	15.5	177	20.9		
N810504		69	1.4	16.0	202	25.6		
N810505		56	3.0	13.5	322	20.1		
N810506		68	4.1	13.6	276	27.0		
N810507		71	1.9	15.6	99	22.1		
N810508		59	1.5	13.7	122	20.8		
N810509		66	2.1	16.1	249	22.8		
N810510		62	1.2	16.0	60	27.9		
N810511		63	1.1	17.0	53	28.9		
N810512		63	1.4	17.0	95	26.7		
N810513		62	1.1	16.5	60	25.8		
N810514		63	1.0	16.5	62	26.0		
N810515		63	2.4	15.5	141	24.6		
N810516		68	2.2	15.2	76	27.5		
N810517		59	3.5	14.1	104	24.4		
N810518		61	2.9	15.8	47	28.9		
N810519		69	6.3	13.8	63	33.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82

CERTIFICATE OF ANALYSIS WH12170280

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170281

Project: Klaza-84

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

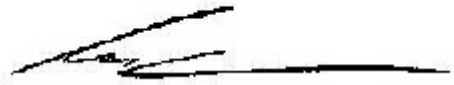
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170281

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813072		6.12	0.008	0.32	7.39	50.2	1880	1.38	0.15	2.92	3.24	40.2	8.3	14	10.70	11.1
N813073		0.26	2.28	24.9	5.97	3010	1190	1.39	18.70	2.25	79.3	41.3	10.3	19	13.30	434
N813074		1.89	<0.005	0.20	7.16	10.1	1980	1.43	0.12	3.51	0.16	41.6	10.2	17	17.65	13.5
N813075		3.10	0.026	0.66	7.59	286	2060	1.47	2.00	3.16	0.21	48.8	9.9	16	10.00	173.0
N813076		4.52	0.128	2.63	6.89	1460	2070	1.31	9.18	2.90	0.52	41.1	8.6	15	13.65	537
N813077		2.77	0.171	6.12	7.31	116.5	2070	1.59	21.9	2.46	0.24	42.0	9.6	12	12.90	69.9
N813078		2.78	<0.005	0.10	0.07	<5	30	<0.05	0.07	21.5	0.06	1.00	0.5	1	0.16	2.7
N813079		6.48	<0.005	0.08	7.52	6.0	2050	1.64	0.12	3.09	0.10	44.4	8.0	13	9.02	11.0
N813080		5.05	<0.005	0.11	7.59	11.4	2240	1.53	0.17	2.53	0.12	43.8	8.4	20	11.35	31.4
N813081		7.55	<0.005	0.12	7.36	7.7	2160	1.46	0.14	2.74	0.14	41.0	7.7	14	12.60	17.6
N813082		7.59	<0.005	0.06	7.78	8.3	2010	1.52	0.11	3.01	0.11	47.5	8.4	15	11.00	14.2
N813083		5.34	<0.005	0.13	7.81	26.7	2100	1.44	0.11	2.87	0.25	46.1	8.4	22	9.86	12.5
N813084		5.93	<0.005	0.09	7.29	39.6	1670	1.59	0.13	1.84	0.10	48.0	7.9	12	19.75	14.3
N813085		7.06	<0.005	0.10	7.75	2.4	1990	1.64	0.08	2.99	0.08	45.8	7.8	14	10.20	10.6
N813086		2.58	<0.005	0.08	7.35	2.5	2070	1.60	0.07	3.04	0.10	40.9	8.4	17	6.63	9.8
N813087		1.89	<0.005	0.07	7.76	2.3	2030	1.75	0.09	3.11	0.10	50.2	8.7	15	7.21	17.7
N813088		2.26	<0.005	0.13	6.38	13.9	1460	1.58	0.10	4.73	0.15	36.4	7.5	10	14.20	8.4
N813089		4.44	<0.005	0.08	7.34	11.8	2000	1.37	0.08	3.16	0.12	36.6	8.0	12	11.90	8.7
N813090		3.93	<0.005	0.10	7.89	4.5	2060	1.54	0.09	3.02	0.10	45.3	8.4	17	7.82	11.0
N813091		0.26	2.18	24.6	6.00	3030	1440	1.24	19.80	2.25	79.7	42.5	10.4	19	13.40	446
N813092		6.67	<0.005	0.19	7.75	4.5	1980	1.63	0.11	2.91	0.14	45.4	7.9	12	8.41	9.5
N813093		4.64	<0.005	0.08	6.75	15.3	1500	1.35	0.16	2.96	0.12	39.3	7.0	14	15.35	3.5
N813094		3.79	0.035	0.21	7.38	52.9	1680	1.70	0.30	2.56	0.09	41.5	6.6	11	14.75	8.4
N813095		3.57	<0.005	0.02	0.08	<5	30	0.08	0.06	22.5	0.06	1.09	0.6	1	0.14	1.8
N813096		5.34	<0.005	0.27	7.62	16.5	1910	1.47	0.12	2.83	1.30	40.4	8.2	11	13.35	20.6
N813097		3.15	0.011	0.81	7.31	87.0	2810	1.41	0.12	2.74	4.95	41.6	7.9	16	11.00	18.7
N813098		2.90	<0.005	0.13	7.65	13.4	2030	1.48	0.08	3.17	0.31	46.9	8.3	15	9.20	9.2
N813099		3.39	<0.005	0.17	7.69	16.6	2120	1.51	0.13	3.09	0.20	44.6	9.8	15	9.09	21.6
N813100		7.92	<0.005	0.13	7.62	4.0	2040	1.69	0.07	3.11	0.12	44.5	9.2	13	8.52	14.4
N813101		7.52	<0.005	0.09	7.44	3.3	1870	1.64	0.09	2.88	0.11	38.0	8.6	13	8.68	11.6
N813102		<0.02	<0.005	0.08	7.79	3.8	1900	1.56	0.09	3.05	0.15	42.0	9.1	17	8.99	13.1
N813103		3.73	<0.005	0.12	7.10	25.9	1500	1.65	0.11	2.85	0.17	35.9	8.8	10	15.50	16.6
N813104		2.48	<0.005	0.11	7.76	3.8	1970	1.43	0.25	2.48	0.11	40.1	9.1	13	10.40	12.4
N813105		2.96	<0.005	0.11	7.37	15.5	1960	1.62	0.13	2.83	0.25	47.0	10.1	9	22.0	18.3
N813106		6.55	0.005	0.19	7.95	22.3	1240	1.48	0.10	2.65	0.97	47.4	11.9	12	21.0	27.9
N813107		2.07	0.010	0.40	7.79	60.4	1300	1.31	0.11	1.94	1.12	42.1	9.2	16	14.80	16.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170281

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813072		3.63	15.90	0.11	1.1	0.086	2.77	19.1	22.7	0.93	1600	1.32	1.84	7.7	3.0	670
N813073		6.87	13.75	0.10	1.0	1.640	2.64	22.3	24.4	0.91	1920	12.35	0.04	5.5	14.4	450
N813074		4.00	15.60	0.14	1.3	0.103	2.70	18.4	13.7	1.01	1440	1.51	1.80	7.8	3.1	710
N813075		3.70	16.80	0.13	1.4	0.083	2.48	22.8	13.6	1.03	890	1.97	2.14	8.5	3.0	750
N813076		3.81	14.85	0.13	1.3	0.142	2.80	19.5	26.8	0.91	1300	3.64	0.45	7.1	2.8	610
N813077		3.95	15.85	0.13	1.4	0.057	2.89	20.7	40.2	0.83	1080	1.29	0.98	7.5	2.6	640
N813078		0.47	0.20	0.09	<0.1	0.008	0.02	0.5	1.1	12.95	219	0.06	0.01	0.1	1.4	170
N813079		3.25	15.80	0.13	1.3	0.036	2.52	21.5	13.1	0.94	819	0.99	2.21	7.4	2.7	660
N813080		3.61	15.65	0.15	1.2	0.054	2.59	21.7	28.7	0.91	883	1.87	1.64	7.5	2.8	670
N813081		3.18	15.45	0.14	1.1	0.046	2.59	20.1	24.9	0.80	825	1.51	1.87	7.4	2.6	640
N813082		3.26	16.00	0.13	1.3	0.045	2.69	23.9	16.7	0.89	830	21.1	2.04	7.6	2.8	660
N813083		3.39	15.55	0.13	1.2	0.057	2.95	23.0	13.9	0.91	1160	2.29	1.90	7.3	2.9	650
N813084		3.15	14.90	0.12	1.1	0.040	3.00	25.7	23.3	0.76	1480	2.44	0.04	7.0	2.3	600
N813085		3.21	15.90	0.13	1.4	0.027	2.62	22.3	18.7	0.88	716	1.13	1.79	7.6	2.7	660
N813086		3.37	16.65	0.11	1.4	0.039	2.54	19.0	15.3	0.94	771	1.46	2.33	8.2	2.9	660
N813087		3.42	16.90	0.15	1.4	0.043	2.49	24.4	15.3	0.98	777	1.54	2.38	8.2	2.9	690
N813088		3.10	15.00	0.14	1.2	0.059	2.90	17.3	20.9	0.89	1450	1.23	0.96	7.2	2.4	590
N813089		3.29	15.25	0.11	1.2	0.046	2.61	17.3	20.4	0.91	1020	1.31	1.86	7.2	2.7	650
N813090		3.34	16.20	0.11	1.5	0.032	2.57	22.4	15.6	0.94	745	2.02	2.21	7.9	2.8	660
N813091		6.88	13.65	0.13	1.0	1.630	2.72	22.2	24.2	0.92	1920	12.60	0.04	5.6	14.1	450
N813092		3.37	15.90	0.14	1.5	0.034	2.60	22.0	12.1	0.93	768	1.86	1.96	7.8	2.5	670
N813093		3.08	14.80	0.16	1.5	0.078	3.40	18.9	21.8	0.79	1590	3.16	0.09	7.7	2.4	610
N813094		3.58	16.00	0.13	1.3	0.115	3.54	19.6	18.5	0.74	2240	46.5	0.18	7.7	2.3	660
N813095		0.50	0.18	0.07	<0.1	0.006	0.03	0.6	1.0	13.45	231	0.19	0.01	0.1	1.3	210
N813096		3.31	16.45	0.14	1.5	0.054	2.68	19.5	31.9	0.89	1180	142.0	1.06	7.9	2.9	680
N813097		3.58	14.95	0.13	1.3	0.107	3.01	20.0	21.1	0.89	2710	11.70	1.11	7.3	2.5	610
N813098		3.31	15.75	0.15	1.1	0.048	2.69	23.8	14.9	0.91	1080	2.13	1.90	7.5	2.6	650
N813099		3.62	16.60	0.12	1.2	0.043	2.64	20.5	14.6	1.04	1300	3.16	1.87	8.3	3.7	820
N813100		3.42	16.95	0.12	1.3	0.041	2.46	21.1	17.4	1.00	772	1.20	2.24	8.2	3.2	710
N813101		3.32	16.30	0.11	1.1	0.039	2.51	18.0	19.8	0.90	695	1.25	2.18	8.0	2.9	660
N813102		3.39	16.80	0.14	1.3	0.042	2.59	20.5	20.2	0.94	720	1.22	2.21	8.3	3.1	690
N813103		3.59	16.15	0.12	1.2	0.092	2.82	16.0	40.3	0.84	1620	0.70	0.75	7.7	2.8	680
N813104		3.76	16.85	0.13	1.3	0.042	2.63	18.5	22.9	0.97	600	0.95	1.51	8.3	3.0	690
N813105		3.37	16.40	0.13	1.2	0.049	2.44	24.9	80.4	1.01	1040	1.93	0.36	7.9	2.9	630
N813106		3.61	15.65	0.17	1.3	0.061	2.34	26.2	43.0	0.85	1080	1.29	0.29	8.7	3.4	710
N813107		3.32	17.40	0.16	1.5	0.092	2.91	19.3	46.7	0.72	2120	1.31	0.09	7.7	3.0	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170281

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813072		80.4	110.0	0.002	0.29	4.02	11.4	<1	2.0	378	0.61	<0.05	12.1	0.291	1.46	3.0
N813073		2820	155.0	0.004	4.96	90.8	7.9	<1	7.5	95.1	0.46	0.32	11.4	0.184	2.44	4.9
N813074		22.0	100.5	<0.002	0.25	2.73	12.1	<1	2.7	395	0.68	<0.05	11.4	0.308	1.71	3.4
N813075		21.5	102.5	0.004	0.19	5.42	13.4	<1	3.0	418	0.68	<0.05	13.2	0.323	1.26	3.8
N813076		44.6	115.0	<0.002	0.72	31.6	11.1	<1	3.9	232	0.64	0.06	12.7	0.268	1.89	4.1
N813077		79.8	116.5	0.003	0.69	11.15	11.5	<1	3.6	282	0.67	<0.05	13.9	0.283	1.80	3.4
N813078		1.3	1.1	<0.002	<0.01	0.07	0.2	1	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813079		17.1	92.8	<0.002	0.02	1.29	10.7	1	1.7	427	0.60	<0.05	13.6	0.282	1.14	3.2
N813080		17.9	105.0	0.002	0.08	4.80	12.0	<1	4.6	353	0.62	<0.05	12.8	0.295	1.50	3.1
N813081		16.7	99.8	0.002	0.04	4.11	10.7	<1	2.0	336	0.62	<0.05	12.3	0.280	1.34	3.3
N813082		17.9	109.5	0.004	0.05	3.77	11.4	<1	2.1	422	0.64	<0.05	14.3	0.287	1.34	3.9
N813083		43.5	125.0	<0.002	0.09	4.38	11.3	<1	2.0	363	0.59	<0.05	14.1	0.285	1.57	3.8
N813084		9.7	179.5	<0.002	0.19	12.55	11.0	<1	2.7	129.5	0.59	<0.05	14.0	0.268	2.97	4.0
N813085		16.6	97.4	<0.002	0.01	1.99	11.2	<1	2.2	409	0.63	<0.05	14.6	0.288	1.17	3.8
N813086		17.3	87.9	0.002	0.01	0.85	10.9	<1	1.9	426	0.69	<0.05	13.2	0.299	1.07	3.8
N813087		17.8	92.3	0.002	0.01	0.88	11.9	1	2.0	438	0.68	<0.05	15.6	0.296	1.08	4.1
N813088		19.5	92.7	<0.002	0.11	5.08	9.2	<1	1.8	321	0.58	<0.05	10.4	0.260	1.78	3.2
N813089		18.4	96.5	<0.002	0.06	3.31	10.6	<1	1.6	389	0.55	<0.05	11.3	0.286	1.30	3.0
N813090		18.1	98.2	<0.002	0.02	1.68	11.8	<1	1.8	433	0.69	<0.05	14.7	0.296	1.05	3.8
N813091		2820	158.5	<0.002	4.98	93.9	7.8	<1	7.5	95.5	0.48	0.39	12.6	0.188	2.60	5.2
N813092		18.5	101.0	<0.002	0.02	2.73	11.5	<1	1.7	401	0.72	<0.05	14.9	0.294	1.11	3.8
N813093		8.9	154.0	0.002	0.25	18.70	10.4	<1	2.0	118.0	0.71	<0.05	12.1	0.267	2.39	3.8
N813094		14.8	161.5	0.002	0.82	10.05	12.0	<1	6.4	112.0	0.62	<0.05	11.9	0.292	2.51	3.3
N813095		1.4	1.2	<0.002	0.01	<0.05	0.2	<1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813096		78.2	108.0	0.006	0.09	7.45	11.2	1	2.1	322	0.72	<0.05	13.0	0.283	1.47	4.2
N813097		184.0	130.5	<0.002	0.34	9.71	10.3	<1	1.8	297	0.67	<0.05	14.0	0.263	2.00	4.2
N813098		21.0	111.0	<0.002	0.10	2.96	11.8	<1	1.7	439	0.61	<0.05	13.5	0.293	1.32	3.0
N813099		20.3	113.5	0.002	0.08	4.24	12.6	<1	2.2	414	0.65	<0.05	12.5	0.325	1.37	3.3
N813100		18.1	90.2	<0.002	0.02	1.94	12.4	1	2.0	467	0.63	<0.05	12.4	0.303	1.14	3.1
N813101		16.1	90.9	<0.002	0.01	2.11	11.3	<1	1.7	447	0.66	<0.05	12.5	0.297	1.05	3.0
N813102		17.0	96.7	0.002	0.01	2.29	12.4	<1	1.8	466	0.69	<0.05	13.7	0.298	1.06	3.4
N813103		18.4	93.3	0.002	0.10	9.72	10.5	<1	2.7	300	0.66	<0.05	12.7	0.299	1.91	5.5
N813104		17.0	91.3	0.002	0.01	3.02	11.4	<1	1.9	423	0.66	<0.05	13.7	0.305	1.10	2.1
N813105		16.1	106.0	0.002	0.16	16.05	12.8	<1	2.7	277	0.66	<0.05	15.8	0.293	2.16	4.5
N813106		54.8	92.3	<0.002	0.12	12.10	12.6	1	3.3	231	0.72	<0.05	12.9	0.291	1.34	3.3
N813107		51.4	123.5	<0.002	0.38	17.80	12.1	1	1.8	155.5	0.62	<0.05	10.2	0.283	2.03	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170281

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813072		83	3.5	14.6	287	27.2
N813073		55	5.1	9.4	5350	23.4
N813074		97	2.8	15.0	87	30.4
N813075		98	2.6	17.8	76	32.7
N813076		77	3.8	14.0	104	29.2
N813077		81	3.4	14.4	86	29.1
N813078		2	0.1	0.7	17	<0.5
N813079		79	0.9	14.8	60	28.9
N813080		87	2.0	15.1	63	28.7
N813081		77	1.6	13.3	71	28.2
N813082		79	9.6	15.2	61	30.8
N813083		79	2.8	15.0	79	28.4
N813084		75	2.4	13.2	68	27.2
N813085		80	3.5	14.9	62	31.6
N813086		83	1.2	14.9	63	33.0
N813087		84	1.2	16.4	67	35.6
N813088		73	3.0	13.5	74	29.3
N813089		81	3.0	13.5	66	28.8
N813090		82	2.5	15.3	62	33.5
N813091		56	5.4	9.4	5220	24.1
N813092		83	4.8	14.6	64	32.6
N813093		72	7.7	12.8	54	33.4
N813094		86	17.1	11.5	39	29.3
N813095		2	0.1	0.7	18	<0.5
N813096		79	13.8	14.1	147	33.4
N813097		73	17.5	13.9	474	29.5
N813098		82	4.1	15.8	78	28.0
N813099		97	4.3	15.7	79	27.3
N813100		87	1.5	15.1	65	31.8
N813101		84	1.0	14.3	62	25.4
N813102		84	1.1	15.9	63	29.6
N813103		85	2.6	13.2	76	28.0
N813104		84	2.1	14.1	69	29.6
N813105		86	2.7	15.3	77	27.0
N813106		87	4.2	16.0	136	32.0
N813107		84	4.6	13.4	156	27.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170281

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170282

Project: Klaza-84

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

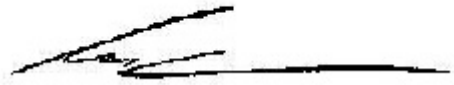
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170282

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813108		3.56	0.013	0.26	7.85	63.2	1560	1.49	0.12	2.91	0.38	51.7	9.4	14	12.20	12.5
N813109		0.25	2.37	25.0	6.14	3540	470	1.06	20.2	2.21	78.1	41.3	11.0	18	15.25	445
N813110		2.57	0.097	4.71	6.68	343	1680	1.14	0.20	2.79	10.05	39.8	9.7	13	15.85	15.6
N813111		2.77	<0.005	0.02	0.11	7	30	0.05	0.08	21.5	0.09	1.42	1.1	1	0.30	2.2
N813112		7.37	<0.005	0.18	7.82	16.5	1880	1.29	0.10	2.95	1.30	46.2	8.2	15	10.25	11.2
N813113		8.77	<0.005	0.07	7.69	4.2	1960	1.32	0.08	3.07	0.12	46.9	8.9	14	8.69	13.0
N813114		8.98	<0.005	0.33	7.60	14.4	1980	1.39	0.51	2.94	0.83	43.6	9.7	16	11.85	36.3
N813115		3.32	<0.005	0.19	7.34	7.9	1740	1.31	0.19	3.26	0.16	41.5	9.3	12	17.25	30.5
N813116		5.50	<0.005	0.09	7.59	3.9	2010	1.36	0.18	3.01	0.15	41.6	9.3	17	11.50	19.6
N813117		7.46	<0.005	0.16	7.41	12.1	1750	1.45	0.58	2.75	0.24	40.2	10.3	13	15.10	26.4
N813118		2.57	0.100	3.22	5.03	1315	310	0.99	6.67	3.25	4.21	31.8	15.6	7	13.05	47.2
N813119		4.50	<0.005	1.10	6.66	57.1	1440	1.46	5.51	2.47	0.32	44.4	9.4	10	14.25	26.2
N813120		7.52	<0.005	0.13	7.87	7.4	1830	1.45	0.32	2.29	0.14	45.0	13.4	14	14.70	49.9
N813121		<0.02	<0.005	0.09	7.77	5.4	1810	1.44	0.28	2.27	0.15	45.4	13.1	14	14.20	45.2
N813122		6.84	<0.005	0.07	7.22	3.2	1770	1.62	0.12	2.72	0.12	36.4	8.9	16	14.75	10.0
N813123		8.34	<0.005	0.04	7.13	4.1	1940	1.60	0.08	2.88	0.11	34.1	8.3	13	12.95	12.8
N813124		7.97	<0.005	0.06	6.91	3.2	1860	1.81	0.12	2.81	0.13	39.1	9.5	13	13.45	15.9
N813125		2.76	<0.005	0.04	6.50	3.4	1480	1.34	0.10	3.50	0.09	34.1	7.4	10	9.24	8.0
N813126		0.23	0.774	9.27	6.61	1790	1210	1.46	5.66	1.81	38.3	40.5	16.0	20	14.95	102.0
N813127		9.21	<0.005	0.07	7.61	2.9	2060	1.77	0.07	2.85	0.16	42.9	9.5	16	9.76	11.8
N813128		4.72	<0.005	0.06	7.20	2.6	2050	1.77	0.07	3.10	0.12	37.8	9.1	12	12.00	8.6
N813129		3.84	<0.005	0.18	7.48	15.8	1600	1.47	0.16	2.19	1.65	41.2	8.5	12	12.25	11.7
N813130		3.74	<0.005	0.15	6.84	14.0	1330	1.62	0.37	3.23	0.27	41.7	7.5	9	16.90	9.5
N813131		1.12	<0.005	0.08	7.17	5.0	1400	1.23	0.09	3.55	0.18	38.9	8.6	10	12.10	17.2
N813132		1.79	<0.005	0.07	8.57	4.4	1700	1.44	0.08	1.66	0.15	46.0	8.9	10	11.15	16.5
N813133		4.62	<0.005	0.09	7.28	8.2	2040	1.64	0.20	4.58	0.31	51.0	10.8	10	19.30	7.7
N813134		5.96	<0.005	0.11	7.45	20.2	1710	1.76	0.22	2.47	0.36	43.6	9.7	11	17.30	7.8
N813135		2.25	<0.005	0.06	8.24	8.7	2460	1.42	0.10	1.67	0.20	49.8	9.3	10	15.15	11.1
N813136		2.39	0.015	0.15	7.45	32.6	1080	1.77	0.19	2.63	0.25	49.2	14.6	10	21.1	7.4
N813137		2.57	<0.005	0.01	0.10	6	100	0.10	0.02	21.4	0.08	1.38	1.8	1	0.23	1.8
N813138		5.17	<0.005	0.05	7.78	6.5	1780	1.61	0.06	1.75	0.16	46.7	8.9	12	15.85	6.5
N813139		7.86	<0.005	0.03	7.19	4.8	2100	1.95	0.09	2.93	0.11	37.1	9.8	13	19.00	6.1
N813140		4.78	<0.005	0.07	6.99	4.6	1880	1.82	0.29	3.22	0.14	38.1	9.3	13	25.4	5.5
N813141		2.52	<0.005	0.05	7.29	11.0	1450	1.51	0.06	2.50	0.18	38.4	8.5	11	19.80	8.5
N813142		6.05	<0.005	0.06	7.60	6.6	2040	1.46	0.09	2.05	0.23	42.2	9.4	11	20.5	10.6
N813143		10.26	<0.005	0.05	8.22	6.1	2000	2.47	0.07	2.10	0.10	49.9	13.4	16	19.90	12.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170282

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813108		3.61	18.15	0.19	1.3	0.058	2.78	26.6	22.1	0.85	1500	0.72	1.46	9.1	3.3	680
N813109		6.79	14.65	0.21	1.0	1.745	2.64	23.3	23.9	0.90	1900	13.75	0.04	6.5	16.2	460
N813110		7.39	15.10	0.19	0.9	0.361	2.75	22.2	39.9	1.06	11450	1.73	0.56	7.1	3.0	550
N813111		0.54	0.32	0.09	<0.1	0.005	0.05	0.7	1.1	13.15	271	0.10	0.01	0.3	2.1	160
N813112		3.28	16.15	0.14	1.2	0.055	2.62	24.4	23.2	0.91	1060	1.17	1.94	8.1	3.1	670
N813113		3.25	16.90	0.17	1.2	0.041	2.48	24.2	12.6	0.95	757	0.87	2.15	8.4	3.4	690
N813114		3.34	17.15	0.18	1.2	0.085	2.48	23.1	13.2	0.89	796	1.41	1.91	8.2	3.2	650
N813115		3.19	16.70	0.18	1.1	0.069	2.46	21.3	16.1	0.85	1030	1.52	1.64	8.1	3.0	610
N813116		3.26	17.30	0.18	1.2	0.042	2.50	21.9	10.4	0.86	751	1.30	2.09	8.3	3.3	660
N813117		3.22	16.65	0.19	1.2	0.054	2.68	21.4	30.9	0.81	1170	0.97	0.85	8.2	3.3	650
N813118		4.43	11.50	0.17	0.8	0.134	2.07	19.1	37.0	0.99	3690	0.42	0.03	5.1	3.4	360
N813119		2.96	14.65	0.18	1.2	0.079	2.39	24.4	149.0	0.87	1600	0.47	0.22	7.7	2.6	580
N813120		3.50	17.50	0.19	1.2	0.045	2.55	23.8	24.2	0.80	656	1.24	1.08	8.7	3.5	640
N813121		3.41	17.60	0.19	1.3	0.046	2.55	23.6	23.7	0.78	646	1.29	1.08	8.7	3.5	640
N813122		3.31	16.10	0.11	1.2	0.039	2.33	17.0	13.5	0.79	791	2.91	2.02	8.4	3.0	640
N813123		3.14	15.75	0.10	1.1	0.034	2.41	16.0	17.2	0.75	731	1.20	1.85	7.9	2.8	650
N813124		3.19	17.70	0.14	1.3	0.040	2.35	18.0	21.9	0.83	801	1.31	1.58	9.3	3.4	620
N813125		2.71	15.20	0.12	1.2	0.039	2.26	16.0	15.9	0.70	1040	0.66	1.56	8.0	2.6	620
N813126		5.08	14.60	0.18	1.2	0.778	2.67	21.8	23.5	0.67	1990	12.60	0.24	7.6	15.6	490
N813127		3.42	17.45	0.16	1.4	0.036	2.50	20.0	20.7	0.94	801	1.80	2.08	9.3	3.5	710
N813128		3.32	17.35	0.14	1.4	0.036	2.47	16.9	24.9	0.91	924	1.15	1.72	9.4	3.2	650
N813129		3.15	16.75	0.18	1.4	0.053	2.50	19.7	38.0	0.67	1000	0.95	0.85	8.8	3.0	650
N813130		2.95	15.30	0.15	1.2	0.055	2.51	21.6	66.4	0.89	1380	0.56	0.03	7.7	3.0	600
N813131		3.05	16.45	0.15	1.5	0.049	2.14	17.7	44.2	0.65	895	1.98	0.05	9.9	3.8	830
N813132		3.13	18.50	0.19	1.5	0.043	2.59	22.2	47.5	0.68	702	1.63	0.06	10.3	3.3	810
N813133		3.26	18.55	0.21	1.3	0.049	2.07	26.2	55.7	0.91	1280	0.41	0.04	9.7	3.8	670
N813134		3.13	17.80	0.18	1.2	0.046	2.09	21.9	108.0	0.78	1140	0.35	0.04	9.0	3.3	660
N813135		3.51	19.25	0.19	1.2	0.039	2.17	25.2	42.2	0.71	867	0.46	0.04	9.6	3.2	720
N813136		3.26	19.35	0.21	1.3	0.052	2.37	25.3	63.2	0.85	1160	0.42	0.05	9.5	3.7	660
N813137		0.49	0.36	<0.05	<0.1	0.009	0.03	0.7	1.2	13.35	240	0.09	<0.01	0.4	3.2	180
N813138		3.43	16.60	0.13	1.3	0.037	2.36	24.1	38.4	0.95	718	0.56	0.45	8.6	3.0	680
N813139		3.30	18.20	0.18	1.4	0.041	2.42	18.4	59.3	0.83	754	0.51	1.74	9.5	3.5	640
N813140		3.23	17.65	0.17	1.4	0.040	2.18	17.8	36.2	0.82	825	0.44	1.58	9.3	3.2	660
N813141		3.20	18.35	0.17	1.2	0.037	2.30	18.2	55.2	0.74	1200	0.54	0.06	9.2	3.1	680
N813142		3.29	17.45	0.18	1.3	0.042	2.28	20.7	86.8	0.80	1000	0.44	0.06	9.1	3.4	700
N813143		4.46	20.5	0.27	1.4	0.044	2.62	25.5	35.7	1.05	722	1.12	0.95	11.1	4.7	690

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170282

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813108		25.9	124.0	<0.002	0.34	7.26	13.4	1	2.2	328	0.78	<0.05	13.8	0.306	1.40	4.1
N813109		2830	168.0	<0.002	4.95	90.2	8.4	1	8.0	95.0	0.52	0.39	10.6	0.180	2.34	5.5
N813110		1460	151.5	<0.002	1.49	21.9	10.9	1	2.5	211	0.55	<0.05	11.1	0.245	1.92	5.8
N813111		6.0	2.0	<0.002	0.03	0.08	0.2	1	<0.2	50.3	<0.05	<0.05	<0.2	0.005	0.02	0.7
N813112		72.5	102.0	<0.002	0.12	3.84	11.2	1	2.0	393	0.70	<0.05	13.4	0.285	1.18	4.4
N813113		20.3	94.0	<0.002	0.02	2.21	12.1	1	1.8	411	0.67	<0.05	12.8	0.288	1.00	3.7
N813114		35.7	99.7	<0.002	0.21	4.05	12.2	1	3.3	402	0.68	<0.05	12.5	0.285	1.15	4.2
N813115		20.9	97.7	<0.002	0.10	4.26	12.5	1	2.6	368	0.65	<0.05	10.9	0.278	1.40	3.5
N813116		19.2	93.4	<0.002	0.02	2.48	12.6	1	2.1	422	0.65	<0.05	11.0	0.284	1.14	3.5
N813117		20.1	114.5	<0.002	0.09	8.14	12.7	1	2.8	257	0.67	<0.05	11.7	0.280	1.73	4.4
N813118		183.5	138.5	<0.002	1.84	51.2	7.8	1	4.7	96.9	0.42	0.14	8.0	0.167	2.06	3.9
N813119		33.3	113.0	<0.002	0.16	18.75	11.8	1	2.9	146.0	0.64	0.10	12.4	0.258	1.60	3.8
N813120		21.1	109.0	<0.002	0.03	6.43	13.2	1	8.6	286	0.71	<0.05	14.2	0.287	1.06	3.0
N813121		20.9	104.5	<0.002	0.03	6.34	13.0	1	8.6	283	0.71	<0.05	12.9	0.287	1.09	2.9
N813122		17.4	75.6	0.002	0.01	3.31	11.4	1	2.0	386	0.63	<0.05	9.2	0.290	0.91	2.7
N813123		17.4	74.3	<0.002	0.01	3.77	10.6	1	1.6	400	0.61	<0.05	9.7	0.272	0.88	2.6
N813124		19.3	84.7	<0.002	0.01	2.75	11.9	1	2.2	390	0.73	<0.05	10.6	0.267	1.07	2.8
N813125		15.1	80.3	0.002	0.04	4.29	10.2	1	1.8	274	0.63	<0.05	9.3	0.260	1.07	3.3
N813126		1300	149.5	0.002	3.03	29.5	8.7	2	5.6	146.5	0.56	0.32	11.5	0.197	2.17	4.9
N813127		19.2	88.7	<0.002	0.01	1.66	11.8	2	1.8	430	0.72	<0.05	11.2	0.293	0.94	3.3
N813128		18.7	77.9	<0.002	0.01	1.93	11.1	1	1.8	416	0.74	<0.05	10.0	0.282	0.95	3.2
N813129		69.8	95.1	0.002	0.27	10.65	11.0	1	1.9	232	0.72	<0.05	11.5	0.274	1.26	3.6
N813130		12.2	98.4	0.002	0.15	14.75	10.6	1	2.4	140.5	0.60	<0.05	10.8	0.252	1.93	4.4
N813131		25.9	63.1	<0.002	0.01	13.60	12.0	2	2.2	177.0	0.74	<0.05	9.4	0.320	0.93	2.7
N813132		25.6	89.4	0.002	0.01	9.21	13.4	2	2.9	133.0	0.82	<0.05	12.8	0.331	1.04	3.2
N813133		24.8	88.5	0.002	0.08	16.35	13.4	2	2.2	210	0.72	<0.05	13.4	0.276	1.46	3.5
N813134		22.1	78.7	<0.002	0.16	21.6	12.7	2	2.5	183.5	0.67	<0.05	11.2	0.273	1.89	2.9
N813135		19.8	86.3	<0.002	0.07	14.10	12.8	2	2.7	124.0	0.72	<0.05	13.5	0.301	1.14	3.2
N813136		27.5	98.1	0.002	0.47	16.40	13.1	2	2.2	159.0	0.73	<0.05	14.6	0.273	2.22	3.9
N813137		1.7	1.5	0.002	0.01	0.07	0.4	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813138		20.3	89.7	<0.002	0.04	6.54	12.2	1	1.8	259	0.66	<0.05	13.5	0.278	1.09	3.5
N813139		19.7	84.7	<0.002	0.01	4.85	12.2	2	2.2	400	0.76	<0.05	11.5	0.287	1.20	3.9
N813140		22.8	76.8	<0.002	0.01	7.43	11.9	1	2.0	381	0.72	<0.05	10.6	0.280	1.20	3.5
N813141		18.0	71.9	<0.002	0.10	15.40	11.7	2	2.2	152.0	0.68	<0.05	10.9	0.287	1.38	3.1
N813142		19.0	80.0	0.002	0.04	14.85	12.6	2	2.9	161.5	0.68	<0.05	11.5	0.288	1.21	2.9
N813143		22.7	113.0	0.002	0.02	4.80	15.2	2	2.5	339	0.80	<0.05	15.9	0.312	1.19	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170282

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813108		86	1.9	18.9	89	33.0
N813109		56	5.4	11.3	5490	28.5
N813110		73	3.1	17.3	841	24.6
N813111		3	0.1	0.9	25	0.6
N813112		82	1.1	17.1	154	30.6
N813113		83	0.7	17.8	66	31.9
N813114		80	1.5	16.4	120	32.6
N813115		81	2.5	15.7	81	30.3
N813116		81	1.2	16.7	67	30.8
N813117		81	2.1	16.4	85	32.3
N813118		51	4.0	13.3	428	20.6
N813119		68	2.2	13.7	120	30.7
N813120		80	3.0	16.7	70	32.7
N813121		81	2.9	16.7	69	34.2
N813122		90	2.5	14.2	66	32.1
N813123		81	2.0	13.6	57	30.9
N813124		78	1.8	15.2	57	35.2
N813125		72	1.7	11.7	55	31.5
N813126		56	4.7	11.2	2910	37.6
N813127		88	1.9	15.9	64	36.5
N813128		82	1.6	14.7	63	37.4
N813129		81	2.9	14.5	215	34.9
N813130		74	2.4	13.8	83	32.0
N813131		93	11.3	14.0	77	39.2
N813132		96	14.7	14.3	74	40.3
N813133		79	3.8	20.6	88	34.7
N813134		82	3.3	16.8	90	31.4
N813135		87	6.1	16.9	78	33.7
N813136		81	4.0	17.4	71	34.7
N813137		1	0.1	0.9	19	<0.5
N813138		82	4.2	15.2	71	33.5
N813139		85	2.4	15.3	71	34.5
N813140		83	2.0	15.1	77	34.8
N813141		84	4.8	15.6	72	33.0
N813142		85	4.9	15.8	76	32.6
N813143		90	1.7	18.2	78	39.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170282

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170283

Project: Klaza-84

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

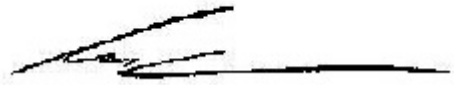
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170283

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813144		7.41	<0.005	0.08	7.81	10.0	1850	1.38	0.16	2.07	0.13	38.9	8.1	15	11.15	6.9
N813145		4.74	<0.005	0.05	8.11	9.4	1680	1.23	0.19	0.85	0.10	43.0	8.8	16	10.80	6.2
N813146		5.85	<0.005	0.07	8.01	5.5	1860	1.18	0.21	1.18	0.09	51.4	8.5	15	9.77	6.5
N813147		2.35	<0.005	0.13	5.58	13.0	680	1.14	0.84	3.36	0.08	39.8	9.6	12	12.35	3.2
N813148		4.95	0.018	0.76	6.37	29.2	1030	1.13	0.90	2.71	0.51	42.1	8.8	14	15.75	23.7
N813149		0.23	2.21	26.3	6.03	3060	1090	1.25	18.90	2.14	77.1	41.1	10.5	21	13.80	428
N813150		3.53	0.014	0.72	6.46	58.9	1870	1.31	0.35	3.10	0.67	63.7	6.0	15	31.1	16.3
N813151		4.45	0.066	1.44	6.95	16.1	1620	1.17	2.67	2.03	0.23	40.0	9.3	15	16.45	187.0
N813152		3.45	0.116	2.62	6.27	194.5	690	1.22	3.20	3.15	5.56	46.2	10.4	14	24.4	68.8
N813153		2.97	<0.005	0.08	0.13	<5	50	0.07	0.08	20.9	0.09	1.29	0.6	4	0.29	4.1
N813154		3.96	<0.005	0.13	7.12	18.8	1990	1.31	0.30	3.34	0.27	43.3	9.1	12	14.00	6.6
N813155		3.19	<0.005	0.11	7.19	7.0	2060	1.31	0.23	3.21	0.13	41.8	7.7	14	10.10	18.3
N813156		5.32	<0.005	0.12	7.60	5.0	1940	1.40	0.20	2.47	0.21	41.2	8.7	21	13.95	26.4
N813157		2.04	<0.005	0.09	7.01	8.6	1530	1.15	0.22	2.49	0.15	38.8	8.6	15	15.00	18.8
N813158		3.95	<0.005	0.12	7.53	5.5	2000	1.32	0.19	2.00	0.13	50.9	9.2	22	13.75	18.2
N813159		3.03	<0.005	0.08	7.03	3.4	1830	1.59	0.11	2.80	0.14	31.9	7.1	10	14.50	8.1
N813160		3.92	<0.005	0.09	7.20	6.4	1800	1.52	0.22	2.49	0.09	38.2	8.7	21	14.50	6.7
N813161		4.15	<0.005	0.07	7.13	6.2	1350	1.22	0.12	3.66	0.11	46.5	8.5	14	9.94	8.8
N813162		8.05	<0.005	0.10	7.68	4.1	2020	1.54	0.12	2.49	0.08	42.6	8.5	21	11.55	7.9
N813163		0.22	0.769	9.62	6.70	1630	1070	1.49	6.35	1.88	41.0	43.6	16.5	26	15.70	106.5
N813164		4.65	<0.005	0.17	7.07	5.9	1590	1.69	0.15	2.64	0.11	39.9	9.1	15	9.75	12.5
N813165		4.06	<0.005	0.17	7.34	4.5	2050	1.40	0.32	2.85	0.10	40.0	8.0	20	10.30	9.6
N813166		2.03	<0.005	0.08	7.53	3.7	2000	1.44	0.11	2.61	0.08	40.2	8.0	24	9.21	6.6
N813167		1.43	<0.005	0.07	7.31	3.1	2010	1.55	0.10	2.65	0.13	42.7	8.4	16	9.23	7.3
N813168		6.22	<0.005	0.13	7.80	3.5	2040	1.68	0.11	2.30	0.11	40.7	8.4	19	10.45	9.5
N813169		5.55	<0.005	0.09	7.01	4.0	1860	1.51	0.16	2.94	0.08	55.1	7.7	12	7.24	8.7
N813170		3.06	<0.005	0.02	0.08	<5	30	0.05	0.04	20.4	0.07	1.18	1.1	3	0.25	1.8
N813171		2.66	<0.005	0.27	7.46	4.6	1760	1.63	0.19	2.63	0.09	71.1	9.1	12	5.63	8.5
N813172		6.97	<0.005	0.16	7.59	9.0	2030	1.44	0.10	2.79	0.25	42.1	8.1	22	6.31	7.7
N813173		2.63	<0.005	0.05	6.53	2.5	1090	1.17	0.13	5.89	0.05	46.0	5.8	15	8.02	2.2
N813174		3.29	<0.005	0.09	7.41	3.1	1630	1.40	0.14	2.79	0.08	38.0	9.0	14	7.32	8.5
N813175		8.28	<0.005	0.07	7.58	3.5	2060	1.42	0.09	2.61	0.11	44.6	8.1	15	8.37	7.7
N813176		7.74	<0.005	0.08	7.29	2.6	1900	1.52	0.09	2.53	0.09	42.1	7.9	17	9.99	8.6
N813177		<0.02	<0.005	0.07	7.37	3.0	1950	1.56	0.10	2.62	0.11	41.8	8.1	20	9.90	8.3
N813178		3.95	<0.005	0.09	7.13	3.5	1990	1.44	0.10	2.43	0.11	42.1	8.2	14	9.23	9.7
N813179		4.85	<0.005	0.03	7.54	2.3	2010	1.43	0.07	3.01	0.09	46.2	8.2	13	8.30	13.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813144		3.40	16.95	0.14	1.5	0.048	2.41	16.9	28.5	0.66	866	0.63	0.74	8.1	2.9	680
N813145		3.38	18.25	0.16	1.5	0.041	1.97	20.0	36.8	0.38	875	0.78	0.04	9.0	3.0	720
N813146		3.15	16.50	0.16	1.4	0.044	2.04	23.7	39.6	0.48	862	0.56	0.04	8.0	2.9	710
N813147		2.96	13.10	0.12	0.9	0.041	1.38	20.3	54.2	1.07	1140	0.47	0.02	5.3	2.0	420
N813148		3.07	13.95	0.12	1.1	0.071	1.65	21.3	55.1	0.98	969	0.64	0.02	6.0	2.4	540
N813149		6.57	14.30	0.14	1.0	1.705	2.52	21.4	22.8	0.88	1930	12.90	0.03	5.7	15.8	450
N813150		2.30	16.10	0.13	2.2	0.054	1.91	34.7	52.2	1.01	972	1.40	0.02	8.6	3.1	730
N813151		3.05	15.45	0.13	1.1	0.095	1.82	18.8	50.2	0.84	970	0.60	0.02	7.0	2.7	600
N813152		3.58	13.40	0.11	1.3	0.175	2.06	23.6	101.5	0.83	1490	1.26	0.02	6.2	2.8	520
N813153		0.53	0.32	0.06	<0.1	<0.005	0.03	0.7	1.6	13.05	237	0.07	<0.01	0.2	1.9	210
N813154		3.11	14.75	0.15	1.3	0.068	2.16	21.5	55.2	1.04	985	0.50	0.02	6.9	2.6	640
N813155		3.23	16.40	0.15	1.3	0.052	2.37	18.9	36.8	0.87	929	0.49	0.04	8.4	2.9	670
N813156		3.38	17.25	0.16	1.2	0.061	2.68	17.4	25.0	0.84	763	4.42	0.81	8.0	3.2	680
N813157		3.06	15.35	0.14	1.6	0.052	2.92	16.8	30.4	0.81	945	0.49	0.32	8.6	3.1	610
N813158		3.41	16.00	0.14	1.8	0.047	3.19	21.7	21.1	0.86	862	1.19	0.69	10.2	3.3	700
N813159		3.05	15.70	0.11	1.0	0.034	2.49	14.6	11.6	0.71	725	0.86	1.85	7.1	2.7	590
N813160		3.33	16.10	0.13	1.0	0.036	2.49	16.7	23.8	0.90	816	1.75	0.88	7.2	3.1	610
N813161		2.96	16.45	0.14	1.1	0.049	2.35	22.4	33.7	0.99	1010	0.75	0.29	7.6	3.1	620
N813162		3.25	16.65	0.17	1.2	0.036	2.62	18.4	18.9	0.85	700	2.86	1.91	7.7	3.1	640
N813163		5.19	15.25	0.15	1.5	0.918	2.73	21.2	24.8	0.68	2020	12.40	0.24	7.1	16.1	510
N813164		3.35	16.25	0.12	1.2	0.038	2.43	18.4	26.7	0.96	874	1.60	0.72	7.6	2.9	630
N813165		3.06	16.30	0.12	1.1	0.032	2.59	17.3	16.6	0.76	740	1.71	2.00	7.8	3.1	630
N813166		3.16	16.20	0.13	1.3	0.031	2.58	17.6	17.9	0.85	737	1.73	2.09	7.8	3.1	660
N813167		3.09	16.90	0.15	1.1	0.037	2.54	17.7	17.9	0.84	764	1.72	2.06	8.0	3.0	660
N813168		3.22	16.25	0.14	1.2	0.033	2.57	18.5	25.6	0.98	704	1.42	1.42	7.8	3.0	660
N813169		3.03	16.25	0.16	1.2	0.031	2.55	24.4	15.3	0.83	857	2.21	1.99	8.0	3.1	580
N813170		0.49	0.21	0.05	<0.1	<0.005	0.03	0.6	1.2	12.65	226	0.11	0.01	0.2	2.0	180
N813171		3.23	16.70	0.16	1.3	0.029	2.70	36.7	13.0	0.93	842	2.56	2.19	8.8	3.5	630
N813172		3.18	16.15	0.17	1.3	0.032	2.48	19.5	15.5	0.92	825	1.82	2.09	7.4	3.2	640
N813173		2.67	14.95	0.15	1.0	0.036	2.13	21.7	10.9	0.80	1430	1.11	1.31	6.2	2.7	550
N813174		3.04	16.85	0.13	1.0	0.028	2.46	17.5	12.1	0.87	837	1.04	1.93	7.3	2.8	600
N813175		3.08	16.45	0.14	1.2	0.031	2.50	20.5	18.4	0.88	713	1.15	2.07	7.5	3.1	640
N813176		2.98	15.75	0.13	1.1	0.028	2.40	19.5	21.8	0.84	692	1.69	2.05	7.4	2.9	610
N813177		3.07	16.80	0.12	1.2	0.032	2.51	17.8	22.1	0.84	714	1.74	2.14	7.6	3.1	630
N813178		2.99	16.65	0.14	1.1	0.027	2.48	18.1	23.1	0.91	689	1.63	2.06	7.9	3.1	640
N813179		3.18	15.60	0.14	1.1	0.039	2.43	23.6	20.0	0.91	772	1.30	1.99	8.2	3.3	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-84

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12170283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813144		19.5	83.4	0.005	0.05	10.05	11.7	<1	1.9	224	0.64	<0.05	10.5	0.296	1.14	2.9
N813145		13.4	86.9	0.004	0.02	29.5	13.9	1	2.0	85.2	0.64	<0.05	11.4	0.309	0.92	2.2
N813146		14.1	85.5	0.003	0.05	18.85	12.7	<1	1.9	95.0	0.66	<0.05	13.9	0.294	0.93	2.9
N813147		8.2	87.2	0.003	0.18	45.2	8.5	1	1.5	155.0	0.41	<0.05	9.6	0.174	0.86	2.1
N813148		219	96.6	0.003	0.13	33.0	9.1	1	5.7	140.0	0.46	<0.05	10.2	0.210	1.10	5.3
N813149		2780	157.0	0.004	4.82	86.6	8.2	1	7.6	89.4	0.40	0.37	9.6	0.172	2.17	4.7
N813150		46.6	74.6	0.003	0.24	32.4	7.1	1	3.3	305	0.58	<0.05	9.0	0.225	1.74	24.6
N813151		36.6	74.9	0.004	0.24	34.4	10.6	1	12.5	121.0	0.57	<0.05	10.5	0.244	1.03	2.8
N813152		436	116.0	0.002	1.67	32.7	8.8	<1	12.1	142.0	0.55	<0.05	11.0	0.205	1.78	8.4
N813153		2.6	1.6	0.002	0.02	0.36	0.3	<1	0.3	46.4	<0.05	<0.05	0.2	<0.005	0.03	0.7
N813154		21.4	95.1	<0.002	0.19	18.55	10.4	1	2.3	150.0	0.61	<0.05	11.7	0.241	1.61	4.3
N813155		19.5	82.1	0.002	0.05	18.50	11.7	1	4.2	154.0	0.76	<0.05	11.4	0.276	1.22	4.1
N813156		24.8	82.1	0.004	0.02	6.46	11.6	1	5.9	268	0.64	<0.05	11.1	0.282	1.25	3.1
N813157		26.1	100.0	<0.002	0.07	8.30	11.1	1	4.3	184.5	0.93	<0.05	14.6	0.268	1.57	5.5
N813158		27.1	115.5	0.002	0.03	6.24	13.4	<1	3.6	240	1.10	<0.05	17.4	0.303	1.42	4.9
N813159		21.4	77.4	0.002	<0.01	3.82	9.3	<1	1.5	388	0.54	<0.05	8.6	0.254	1.06	2.7
N813160		16.7	82.6	0.003	0.05	5.10	10.3	1	1.6	292	0.49	<0.05	10.5	0.252	1.10	3.0
N813161		13.5	82.1	<0.002	0.08	8.93	10.8	1	2.4	213	0.57	<0.05	10.7	0.253	1.18	3.0
N813162		18.4	91.7	<0.002	0.01	2.51	11.0	1	1.7	426	0.60	<0.05	11.7	0.262	1.02	3.4
N813163		1325	155.0	0.005	3.06	32.5	8.9	<1	5.5	149.0	0.53	0.33	10.9	0.201	2.29	4.7
N813164		16.0	78.4	0.002	0.08	4.38	10.6	<1	3.0	260	0.58	<0.05	10.8	0.260	1.20	2.5
N813165		17.8	80.5	<0.002	0.04	3.51	10.3	1	2.1	387	0.56	<0.05	9.7	0.279	0.99	3.2
N813166		17.9	82.7	0.002	0.02	2.42	10.7	1	1.7	438	0.57	<0.05	11.5	0.274	1.01	3.3
N813167		18.2	86.6	0.003	0.01	2.49	11.2	<1	1.7	430	0.56	<0.05	10.8	0.267	1.11	3.4
N813168		18.1	89.3	<0.002	0.02	2.68	11.0	<1	2.1	437	0.56	<0.05	12.8	0.277	1.06	3.5
N813169		16.7	87.6	0.004	0.02	2.01	10.0	<1	1.7	358	0.65	<0.05	14.2	0.251	1.03	3.9
N813170		1.4	1.4	<0.002	0.02	0.06	0.2	<1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813171		18.8	90.4	0.002	0.02	1.40	12.1	1	1.9	363	0.76	<0.05	18.0	0.274	1.00	4.6
N813172		24.9	86.0	0.004	0.03	1.51	11.2	1	1.5	408	0.58	<0.05	11.5	0.266	0.94	3.7
N813173		4.0	90.8	<0.002	0.07	2.55	8.8	1	1.4	208	0.51	<0.05	10.8	0.220	1.16	5.2
N813174		13.8	91.0	0.005	0.05	2.05	10.2	1	2.2	322	0.51	<0.05	10.1	0.252	1.00	2.7
N813175		17.5	95.1	<0.002	0.01	1.32	11.2	1	1.6	426	0.60	<0.05	11.6	0.268	0.90	3.4
N813176		18.4	87.4	0.003	0.01	1.06	10.9	<1	1.7	407	0.57	<0.05	11.5	0.256	0.94	3.3
N813177		17.9	82.5	0.002	0.01	1.12	10.7	1	1.7	425	0.60	<0.05	9.7	0.262	0.98	2.9
N813178		18.0	83.4	0.003	0.01	1.11	10.6	<1	1.7	420	0.61	<0.05	11.2	0.264	0.91	3.6
N813179		20.6	79.6	<0.002	0.01	1.19	11.6	1	1.9	448	0.75	<0.05	13.3	0.274	0.82	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170283

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813144		87	3.1	13.7	68	29.8
N813145		83	7.1	13.8	67	29.4
N813146		79	8.6	13.7	57	29.4
N813147		62	1.8	13.0	42	19.5
N813148		66	3.1	12.0	88	26.3
N813149		56	5.3	8.9	5140	23.3
N813150		56	5.2	14.1	99	60.0
N813151		69	4.7	12.1	70	24.2
N813152		62	4.3	10.7	580	24.2
N813153		2	0.1	0.8	18	0.5
N813154		77	3.1	11.9	73	22.9
N813155		80	2.7	13.9	67	24.6
N813156		83	2.5	13.1	69	24.1
N813157		77	3.3	14.6	69	26.1
N813158		89	2.7	16.7	71	31.4
N813159		74	1.4	11.7	59	19.4
N813160		72	2.2	11.7	61	21.4
N813161		74	3.5	13.7	57	22.5
N813162		76	2.1	13.5	56	22.6
N813163		57	5.3	10.4	3000	35.5
N813164		74	3.2	12.6	57	23.4
N813165		78	1.9	12.7	58	22.9
N813166		80	1.6	12.8	60	25.4
N813167		77	1.8	13.8	60	22.5
N813168		79	2.8	12.6	60	23.0
N813169		73	1.6	14.4	56	25.5
N813170		2	0.1	0.9	18	<0.5
N813171		77	1.7	16.7	59	25.8
N813172		78	1.8	14.9	71	24.2
N813173		66	1.4	16.7	37	19.7
N813174		80	1.7	12.6	52	20.0
N813175		78	1.1	14.4	59	24.8
N813176		74	1.7	14.1	57	21.2
N813177		76	1.6	13.5	57	24.3
N813178		77	1.4	13.6	58	22.3
N813179		82	1.8	17.5	58	28.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-84

CERTIFICATE OF ANALYSIS WH12170283

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170284

Project: Klaza - 84

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

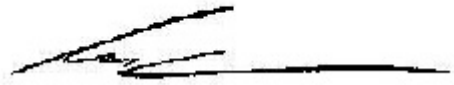
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170284

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813180		2.75	<0.005	0.01	7.61	2.7	1850	1.31	0.06	2.99	0.07	47.2	7.9	12	10.60	7.4
N813181		4.37	<0.005	0.01	8.06	3.2	2000	1.32	0.10	2.50	0.07	45.2	8.2	13	10.85	12.3
N813182		7.09	<0.005	0.02	7.84	3.4	2040	1.38	0.09	2.96	0.08	47.1	7.9	14	9.74	9.5
N813183		3.27	<0.005	0.02	8.15	3.3	2180	1.33	0.10	2.68	0.09	50.7	9.0	15	10.15	9.8
N813184		2.76	<0.005	0.03	8.33	3.8	2040	1.60	0.09	3.12	0.13	49.7	9.6	16	19.85	13.5
N813185		7.88	<0.005	0.02	8.21	3.0	2220	1.39	0.07	2.77	0.09	47.8	8.5	16	9.46	7.9
N813186		0.23	0.800	9.55	7.16	1990	630	1.36	6.23	1.97	40.4	48.2	16.8	22	16.20	120.5
N813187		6.02	<0.005	0.04	8.21	2.8	2110	1.41	0.07	2.80	0.09	49.0	8.4	12	8.19	8.4
N813188		<0.02	<0.005	0.01	8.04	1.9	2110	1.45	0.08	2.84	0.08	51.9	8.5	17	8.27	8.3
N813189		2.79	<0.005	0.02	7.76	2.8	1820	1.33	0.08	3.25	0.06	51.1	7.9	18	10.40	7.9
N813190		8.38	<0.005	0.02	7.85	1.9	2070	1.43	0.08	2.72	0.06	47.7	8.1	16	8.36	14.7
N813191		4.78	<0.005	0.08	8.39	2.5	1940	1.46	0.10	2.69	0.15	50.8	8.2	14	11.95	41.7
N813192		7.32	<0.005	0.01	7.83	1.7	2160	1.42	0.08	2.80	0.08	48.8	8.0	14	8.39	8.1
N813193		3.62	<0.005	0.02	8.05	1.9	2220	1.50	0.08	2.96	0.07	50.3	8.2	16	11.15	7.9
N813194		2.64	<0.005	0.12	7.59	40.1	1930	1.45	0.12	2.67	0.09	43.7	8.2	15	16.60	8.5
N813195		2.90	<0.005	0.01	0.13	7	30	0.05	0.03	21.9	0.06	1.95	1.3	3	0.50	8.2
N813196		7.42	<0.005	0.04	7.96	4.6	2030	1.39	0.10	3.01	0.09	48.9	7.6	17	11.85	11.4
N813197		6.75	<0.005	0.02	7.96	3.0	2040	1.36	0.06	2.87	0.06	47.0	7.9	18	10.50	7.1
N813198		3.15	<0.005	0.11	7.96	43.8	1890	1.51	0.06	3.11	0.06	46.8	8.0	12	14.80	7.8
N813199		2.60	<0.005	0.01	7.30	10.0	1870	1.20	0.06	3.21	0.05	45.3	7.8	20	13.05	9.6
N813200		5.04	<0.005	0.02	7.80	4.7	2210	1.50	0.09	2.86	0.07	51.0	8.7	15	10.65	8.0
N813201		0.22	0.816	9.93	7.19	1905	760	1.45	6.08	1.97	41.5	51.1	16.6	21	16.85	118.5
N813202		3.15	<0.005	0.06	8.11	11.2	3350	1.32	0.12	1.71	0.14	57.1	8.0	13	16.35	8.2
N813203		1.22	<0.005	0.04	8.28	10.4	2030	1.38	0.18	1.69	0.09	57.8	8.9	15	18.45	10.5
N813204		3.01	<0.005	0.03	8.08	4.0	2170	1.67	0.10	3.07	0.09	51.5	8.6	13	12.00	11.4
N813205		2.99	<0.005	0.07	7.76	6.1	1890	1.61	0.10	2.92	0.10	45.1	8.3	11	17.25	16.2
N813206		3.27	<0.005	0.06	7.72	8.2	2010	1.61	0.08	3.45	0.11	48.5	8.5	13	15.80	10.8
N813207		2.39	0.017	0.80	7.45	113.5	2040	1.68	0.07	3.68	6.11	53.9	8.7	11	21.0	10.6
N813208		2.98	<0.005	0.01	0.09	<5	30	0.05	0.01	21.6	0.06	1.82	1.0	1	0.26	1.4
N813209		3.11	<0.005	0.40	7.48	56.3	>10000	1.45	0.08	2.35	0.47	50.1	7.5	10	17.95	7.0
N813210		4.50	<0.005	0.09	8.49	9.8	2200	1.27	0.30	1.63	0.15	54.3	7.8	10	25.8	10.1
N813211		2.24	<0.005	0.02	8.27	9.5	2040	1.30	0.12	1.91	0.14	47.3	8.0	10	16.55	9.1
N813212		2.60	<0.005	0.15	7.65	9.1	1870	1.60	0.10	3.22	0.27	43.0	8.0	14	15.90	9.7
N813213		3.74	<0.005	0.02	7.75	3.3	2090	1.63	0.10	3.22	0.10	48.0	8.2	13	15.75	8.7
N813214		5.33	<0.005	0.10	7.86	5.4	2020	1.73	0.08	2.98	0.58	49.3	8.0	17	19.80	9.5
N813215		2.41	<0.005	0.21	7.04	13.4	2040	1.61	0.14	3.78	0.19	43.6	8.5	12	20.6	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170284

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813180		3.07	15.25	0.14	1.2	0.036	2.45	24.3	17.3	0.81	781	1.03	1.96	8.0	2.9	610
N813181		3.23	16.05	0.14	1.1	0.037	2.52	23.5	18.4	0.89	675	1.50	1.93	8.6	3.1	680
N813182		3.20	16.00	0.15	1.1	0.039	2.54	24.8	17.3	0.88	788	1.54	2.14	8.4	3.0	650
N813183		3.39	16.30	0.16	1.1	0.040	2.58	27.6	21.6	0.96	707	1.52	2.24	8.7	3.1	680
N813184		3.55	16.25	0.15	1.4	0.042	2.60	26.6	20.2	1.05	812	1.18	2.08	8.7	4.9	820
N813185		3.38	16.40	0.15	1.2	0.039	2.68	25.7	21.3	0.95	754	1.44	2.30	8.9	3.2	670
N813186		5.51	14.90	0.17	1.3	0.983	2.87	26.3	23.9	0.72	2100	12.70	0.27	8.1	17.4	530
N813187		3.25	16.45	0.14	1.1	0.039	2.57	26.3	13.6	0.89	749	1.13	2.32	8.9	3.1	650
N813188		3.27	16.35	0.15	1.1	0.043	2.66	27.7	14.0	0.88	760	1.53	2.26	8.7	3.6	670
N813189		3.05	15.65	0.13	1.1	0.037	2.50	26.0	14.7	0.81	847	1.48	1.90	8.3	2.9	610
N813190		3.17	16.00	0.14	1.1	0.038	2.51	24.9	19.5	0.87	693	1.37	2.20	8.7	3.1	640
N813191		3.20	16.45	0.14	1.2	0.047	2.53	26.4	25.6	1.04	690	1.98	2.10	8.9	3.6	640
N813192		3.14	15.95	0.14	1.1	0.035	2.56	25.9	20.3	0.87	729	1.74	2.20	8.5	3.1	630
N813193		3.14	16.20	0.15	1.1	0.037	2.53	27.5	17.0	0.82	697	1.66	2.18	8.6	3.0	640
N813194		3.10	15.90	0.13	1.0	0.037	2.69	22.1	20.2	0.76	819	1.93	1.73	8.3	3.1	640
N813195		0.52	0.32	0.05	<0.1	<0.005	0.06	0.9	1.5	13.25	235	0.12	0.01	0.2	3.4	220
N813196		3.14	15.95	0.11	1.1	0.039	2.63	25.3	15.3	0.85	810	1.61	1.97	8.5	2.8	650
N813197		3.16	16.05	0.12	1.1	0.037	2.53	24.1	19.9	0.87	689	1.44	2.17	8.5	2.7	650
N813198		3.15	16.40	0.12	1.1	0.039	2.63	22.3	33.8	0.85	799	1.18	1.80	8.5	3.1	660
N813199		2.81	15.40	0.11	1.1	0.039	2.55	22.5	46.7	0.70	811	1.67	0.26	8.2	2.7	630
N813200		3.19	15.80	0.14	1.0	0.036	2.59	26.5	18.3	0.84	773	1.54	2.03	8.3	3.0	640
N813201		5.49	15.05	0.15	1.3	1.000	2.84	27.5	25.8	0.72	2100	12.95	0.27	8.1	17.3	530
N813202		3.03	16.40	0.13	1.2	0.044	2.68	32.1	52.5	0.73	818	1.17	0.51	9.2	2.7	680
N813203		3.21	17.05	0.14	1.3	0.047	2.77	31.2	62.3	0.77	897	1.38	0.41	9.6	2.9	700
N813204		3.32	16.95	0.14	1.2	0.042	2.65	26.1	14.4	0.87	860	1.58	2.02	9.2	3.0	680
N813205		3.43	16.05	0.12	1.1	0.051	2.79	21.2	19.7	0.83	1220	1.37	1.44	8.5	3.3	660
N813206		3.61	16.10	0.15	1.0	0.049	2.72	23.3	37.3	0.88	1050	1.64	1.10	8.5	2.9	690
N813207		4.22	16.00	0.15	1.0	0.084	2.81	27.1	63.2	1.09	4750	1.26	0.72	8.4	3.0	650
N813208		0.49	0.27	0.05	<0.1	<0.005	0.03	0.9	1.0	13.10	229	0.08	0.01	0.2	1.9	280
N813209		3.21	15.30	0.10	1.0	0.057	2.71	26.5	72.0	0.80	1760	1.79	0.45	7.8	2.6	630
N813210		3.31	16.95	0.13	1.2	0.044	2.46	28.7	80.9	0.76	1080	0.92	0.08	9.1	2.6	720
N813211		3.01	17.40	0.12	1.2	0.041	2.74	23.5	72.9	0.78	770	1.34	0.11	9.1	2.8	690
N813212		3.31	16.45	0.13	1.1	0.039	2.66	19.3	21.5	0.88	1330	1.33	1.62	8.8	2.8	690
N813213		3.25	16.30	0.13	1.2	0.038	2.53	22.5	21.1	0.81	858	1.32	2.01	8.8	2.9	670
N813214		3.29	16.70	0.14	1.2	0.039	2.66	23.3	22.3	0.83	1080	1.42	1.86	9.3	2.9	680
N813215		3.31	15.80	0.16	1.1	0.037	2.62	21.5	62.8	1.18	1380	1.06	0.80	8.1	2.8	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170284

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813180		16.8	83.5	<0.002	0.01	1.69	10.4	1	1.6	400	0.72	<0.05	13.9	0.257	0.91	4.1
N813181		18.2	83.7	<0.002	0.01	1.61	11.3	1	1.7	406	0.74	<0.05	13.3	0.286	0.89	4.2
N813182		18.3	83.6	<0.002	0.01	1.28	11.1	1	1.6	414	0.72	<0.05	12.9	0.272	0.91	4.0
N813183		19.2	90.3	<0.002	0.01	0.95	12.3	1	1.7	444	0.72	<0.05	14.6	0.285	0.85	4.3
N813184		20.3	94.2	<0.002	0.01	1.54	12.2	1	1.6	496	0.74	<0.05	14.2	0.299	0.95	4.4
N813185		20.2	87.0	<0.002	0.01	1.37	11.4	1	1.6	504	0.77	<0.05	14.2	0.288	0.86	4.6
N813186		1355	155.5	<0.002	3.19	31.8	9.0	1	6.4	153.5	0.70	0.28	12.9	0.213	2.38	5.5
N813187		20.1	89.5	<0.002	0.01	1.02	11.7	1	1.6	431	0.78	<0.05	14.0	0.283	0.87	4.5
N813188		20.2	88.2	<0.002	0.01	0.97	11.8	1	1.6	425	0.77	<0.05	15.2	0.277	0.88	4.8
N813189		18.3	90.7	<0.002	0.01	1.74	10.9	1	1.6	387	0.75	<0.05	14.1	0.264	0.93	4.5
N813190		18.9	86.5	<0.002	0.01	1.10	11.2	1	1.6	431	0.77	<0.05	13.9	0.272	0.85	5.0
N813191		22.0	91.6	<0.002	0.02	1.88	12.5	1	1.9	498	0.80	<0.05	16.1	0.289	0.87	4.8
N813192		19.7	89.8	<0.002	0.01	0.99	11.1	1	1.6	442	0.74	<0.05	14.2	0.264	0.87	4.7
N813193		18.9	91.0	<0.002	0.01	1.12	11.5	1	1.7	460	0.77	<0.05	14.4	0.276	0.86	4.6
N813194		19.1	90.2	<0.002	0.06	3.35	10.5	1	1.6	358	0.70	<0.05	12.0	0.269	1.14	4.4
N813195		1.4	3.4	<0.002	0.02	<0.05	0.6	1	<0.2	44.7	<0.05	<0.05	<0.2	0.005	<0.02	0.6
N813196		20.2	95.0	<0.002	0.02	1.79	10.5	1	1.7	425	0.75	<0.05	13.6	0.276	0.99	4.8
N813197		18.8	85.8	<0.002	0.01	1.10	10.7	1	1.6	435	0.74	<0.05	14.0	0.277	0.86	4.2
N813198		19.7	89.9	<0.002	0.05	2.73	10.7	1	1.7	402	0.74	<0.05	13.1	0.272	1.05	4.4
N813199		17.4	82.5	<0.002	0.04	13.05	9.9	1	2.0	243	0.74	<0.05	12.7	0.260	1.03	5.5
N813200		19.4	91.8	<0.002	0.02	1.59	10.9	1	1.7	403	0.73	<0.05	14.6	0.267	0.92	4.6
N813201		1355	158.0	<0.002	3.20	32.9	9.2	1	6.5	156.0	0.68	0.34	13.3	0.209	2.41	5.6
N813202		22.3	105.5	<0.002	0.08	20.3	12.4	1	2.0	243	0.80	<0.05	15.2	0.290	1.15	4.2
N813203		19.6	112.0	<0.002	0.04	22.1	13.8	1	2.3	222	0.85	<0.05	15.7	0.302	1.24	4.0
N813204		22.8	93.3	<0.002	0.02	2.58	11.8	1	1.7	432	0.79	<0.05	13.1	0.283	1.05	4.2
N813205		22.4	107.0	<0.002	0.06	4.87	11.1	1	1.7	368	0.73	<0.05	12.5	0.268	1.40	3.9
N813206		24.5	92.2	<0.002	0.04	4.84	11.7	1	2.0	410	0.66	<0.05	12.0	0.282	1.28	3.5
N813207		201	104.5	<0.002	0.25	9.18	11.6	1	1.7	317	0.67	<0.05	13.0	0.275	1.59	4.2
N813208		1.6	1.8	<0.002	0.01	0.07	0.3	1	<0.2	47.3	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N813209		296	106.5	<0.002	0.44	18.35	10.3	1	1.8	333	0.66	<0.05	11.5	0.260	1.59	3.7
N813210		23.7	100.5	<0.002	0.06	17.70	12.2	1	1.8	154.0	0.80	<0.05	15.1	0.291	1.24	3.9
N813211		20.0	87.6	<0.002	0.03	9.33	11.8	1	1.8	219	0.83	<0.05	12.1	0.288	1.24	3.4
N813212		35.3	88.3	<0.002	0.05	4.41	10.5	1	1.7	383	0.76	<0.05	10.5	0.282	1.34	3.7
N813213		20.4	89.5	<0.002	0.01	2.36	11.6	1	1.7	458	0.76	<0.05	12.1	0.277	0.96	3.9
N813214		49.1	98.5	<0.002	0.02	2.82	11.7	1	1.8	411	0.86	<0.05	12.6	0.279	1.27	4.5
N813215		18.1	101.0	<0.002	0.12	7.17	11.2	1	1.5	304	0.65	<0.05	10.3	0.259	1.42	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170284

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813180		75	1.6	15.6	53	29.7
N813181		84	1.5	15.4	55	28.7
N813182		83	1.4	16.3	54	28.9
N813183		85	1.3	17.8	60	28.4
N813184		92	1.7	18.2	69	39.0
N813185		85	1.7	16.7	60	30.0
N813186		62	5.5	11.9	3250	42.5
N813187		82	1.4	16.8	61	27.2
N813188		83	1.5	17.5	59	30.4
N813189		77	1.2	17.5	55	27.3
N813190		80	1.6	16.5	57	29.8
N813191		89	4.6	16.2	64	31.2
N813192		78	1.3	17.1	56	29.0
N813193		80	1.4	17.1	57	27.5
N813194		80	2.6	15.5	55	26.0
N813195		4	0.1	1.0	13	<0.5
N813196		82	2.2	16.5	57	27.9
N813197		81	1.2	16.1	58	29.8
N813198		81	2.8	15.7	56	27.5
N813199		77	4.3	14.5	51	28.8
N813200		80	1.4	17.1	56	28.1
N813201		61	5.4	12.5	3220	42.7
N813202		84	6.1	17.5	62	30.8
N813203		87	6.9	18.7	60	32.6
N813204		84	1.2	18.0	60	31.8
N813205		81	1.7	15.6	67	29.7
N813206		85	2.0	18.2	64	27.6
N813207		83	2.5	19.5	945	24.8
N813208		2	0.1	0.9	15	0.6
N813209		79	4.3	16.7	96	26.2
N813210		87	10.2	18.0	66	30.0
N813211		84	4.8	15.3	57	28.7
N813212		83	2.3	16.0	69	26.9
N813213		84	1.8	17.4	61	31.7
N813214		84	2.4	17.3	101	28.8
N813215		76	2.7	16.3	73	25.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170284

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170285

Project: Klaza - 84

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

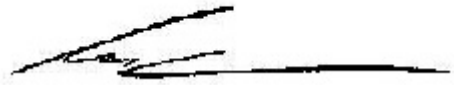
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170285

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813216		2.11	<0.005	0.12	7.66	4.0	2360	2.03	0.09	2.68	0.15	43.7	10.2	13	11.10	10.2
N813217		0.21	4.37	>100	5.54	8340	340	1.51	59.2	1.94	233	32.0	10.1	18	11.55	1245
N813218		2.89	<0.005	0.12	8.26	9.5	1960	1.42	0.13	1.46	0.24	49.6	7.9	17	15.60	9.4
N813219		7.69	<0.005	0.22	7.19	4.4	2400	1.56	0.08	2.77	0.33	39.9	8.2	15	10.40	7.1
N813220		2.95	<0.005	1.15	7.26	24.1	1740	1.70	0.15	2.64	2.04	47.3	8.8	18	16.25	10.8
N813221		2.99	<0.005	0.71	5.55	23.5	1570	1.19	0.10	3.29	1.15	33.9	6.2	13	16.50	9.8
N813222		3.17	<0.005	0.92	6.63	42.2	710	1.62	0.13	2.76	0.81	40.7	6.5	17	20.2	11.9
N813223		4.53	<0.005	0.14	7.69	8.0	1150	1.53	0.07	1.34	0.31	40.5	7.6	12	16.90	7.3
N813224		2.76	0.007	8.20	7.13	170.5	1890	1.92	0.10	1.77	1.39	43.6	8.0	24	22.6	12.9
N813225		3.71	0.217	32.2	5.93	310	910	1.38	0.39	2.68	32.0	35.9	8.7	14	13.00	55.0
N813226		2.07	<0.005	0.12	0.16	5	30	0.10	0.05	20.8	0.15	1.60	1.7	2	0.70	8.5
N813227		5.29	<0.005	0.65	7.50	181.5	1350	1.84	0.19	2.76	0.57	43.6	9.1	15	22.9	16.8
N813228		3.65	<0.005	0.26	7.52	23.0	2090	1.64	0.16	2.41	0.14	44.6	9.3	16	16.90	11.4
N813229		2.58	<0.005	0.34	7.42	25.2	1330	2.17	0.16	1.82	0.62	42.0	8.1	12	18.85	17.0
N813230		3.00	<0.005	5.18	6.80	154.0	1020	1.23	0.48	2.10	6.78	48.3	6.9	19	11.45	15.2
N813231		4.28	<0.005	3.32	6.92	42.6	1080	1.60	0.92	2.50	0.42	42.5	8.1	12	15.45	7.9
N813232		2.75	0.029	2.16	6.78	121.5	1890	1.39	1.57	3.04	2.70	47.6	5.4	13	12.95	11.3
N813233		2.33	<0.005	0.03	0.10	<5	20	0.06	0.05	20.9	0.07	1.28	0.6	1	0.25	2.0
N813234		4.76	<0.005	0.17	7.31	28.2	1720	1.42	0.12	2.04	0.19	66.6	5.4	13	21.6	4.7
N813235		5.92	<0.005	0.23	7.24	35.5	620	1.55	0.14	1.93	0.27	73.1	5.5	14	25.6	4.3
N813236		3.70	0.051	1.99	5.88	77.6	1710	1.72	0.91	1.31	4.36	52.5	8.2	24	23.8	27.5
N813237		5.15	<0.005	0.11	6.60	16.7	370	1.93	0.15	2.34	0.26	46.1	4.5	23	28.9	8.3
N813238		2.19	<0.005	0.10	6.75	17.3	380	1.76	0.12	2.21	0.22	49.1	4.5	24	28.9	8.6
N813239		7.34	<0.005	0.02	6.75	11.8	440	1.51	0.04	2.13	0.26	43.0	6.3	15	20.6	4.3
N813240		8.64	<0.005	0.11	6.81	21.7	840	1.72	0.06	2.56	0.22	46.5	5.4	22	23.8	6.1
N813241		<0.02	<0.005	0.10	7.13	23.5	830	1.83	0.09	2.69	0.26	52.8	5.6	24	25.5	6.1
N813242		4.63	0.057	0.28	6.67	38.6	1390	2.33	0.19	2.34	0.30	59.2	5.5	28	35.9	13.0
N813243		2.68	0.022	1.07	5.29	66.7	1680	1.82	0.30	3.05	0.63	44.9	12.2	49	25.0	21.6
N811128		4.26	<0.005	0.13	6.54	19.2	510	1.50	0.08	1.60	0.38	42.4	4.5	40	18.60	5.8
N811129		0.22	0.761	9.20	6.47	1780	920	1.37	6.02	1.82	43.1	44.4	15.0	19	15.75	107.5
N811130		6.78	<0.005	0.11	5.80	16.6	1040	1.93	0.11	1.61	0.37	32.1	1.4	4	20.6	1.7
N811131		8.67	0.074	0.51	6.26	62.1	970	1.67	0.43	0.86	1.56	45.4	2.4	9	20.9	4.6
N811132		4.54	0.015	1.42	6.82	69.3	1590	1.72	0.15	4.22	1.16	46.6	7.4	11	30.3	10.3
N811133		3.74	<0.005	0.23	7.73	31.3	2140	1.45	0.13	1.76	0.18	46.7	7.4	15	21.1	11.3
N811134		3.79	<0.005	0.12	7.07	10.3	1680	1.36	0.12	2.08	0.12	44.1	6.8	15	27.0	19.5
N811135		3.67	<0.005	0.24	7.46	22.7	910	1.31	0.10	2.89	0.34	47.7	7.6	20	22.9	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170285

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813216		3.44	18.90	0.22	1.4	0.042	2.53	20.7	19.3	0.88	805	1.70	1.95	10.3	3.8	670
N813217		8.26	13.75	0.26	1.0	4.50	2.20	16.6	36.9	0.62	3150	16.95	0.08	6.4	15.5	480
N813218		3.10	18.55	0.16	1.1	0.044	2.76	25.4	32.3	0.52	764	1.96	0.61	9.7	3.0	750
N813219		3.17	16.40	0.18	1.0	0.033	2.73	19.1	15.6	0.82	852	1.76	2.03	8.1	3.3	620
N813220		3.06	16.95	0.16	1.0	0.044	2.71	23.2	41.9	0.70	1190	3.30	1.39	8.7	3.4	630
N813221		2.81	11.75	0.13	0.7	0.030	1.94	18.7	39.7	0.94	2010	1.87	0.03	6.1	3.1	450
N813222		2.98	14.25	0.11	0.8	0.045	2.35	22.6	121.0	0.94	1870	2.02	0.03	6.8	3.0	520
N813223		3.10	17.80	0.17	1.0	0.040	1.77	20.1	192.5	0.53	1360	1.24	0.03	9.2	3.1	660
N813224		2.79	16.50	0.16	1.0	0.041	2.27	22.7	246	0.61	1840	3.08	0.02	8.3	3.4	600
N813225		4.47	12.90	0.19	0.7	0.102	2.35	20.2	39.8	0.89	6260	3.25	0.01	6.0	3.2	450
N813226		0.54	0.52	<0.05	<0.1	0.007	0.07	0.8	3.0	13.00	253	0.33	0.01	0.4	3.2	210
N813227		3.37	16.75	0.12	0.9	0.054	3.06	22.1	55.2	0.91	1940	1.46	0.04	8.2	3.6	670
N813228		3.28	18.65	0.20	1.1	0.044	3.05	21.6	68.2	0.87	1180	1.25	0.41	9.4	3.5	670
N813229		3.03	16.90	0.17	0.9	0.039	2.64	21.0	338	0.64	1770	0.85	0.03	8.2	3.5	650
N813230		4.16	13.90	0.08	0.9	0.061	3.08	26.4	43.8	0.75	4550	3.36	0.03	5.9	6.1	520
N813231		3.04	15.85	0.13	1.0	0.050	3.41	19.0	47.5	0.81	1580	2.72	0.04	7.4	3.3	610
N813232		3.47	14.20	0.12	1.3	0.074	2.94	25.6	45.9	1.04	3640	3.01	0.03	7.1	3.3	550
N813233		0.47	0.29	0.09	<0.1	0.007	0.04	0.6	1.3	12.45	218	0.13	<0.01	0.2	1.9	180
N813234		2.50	16.40	0.16	2.5	0.020	2.72	35.3	99.0	0.76	755	1.43	0.06	10.2	3.8	850
N813235		2.48	17.60	0.17	2.6	0.029	2.77	36.3	71.9	0.68	805	1.21	0.06	10.9	4.6	870
N813236		2.42	14.45	0.13	3.0	0.069	2.12	28.9	49.0	0.57	2140	4.78	0.04	6.9	17.8	460
N813237		2.21	18.45	0.13	3.4	0.026	2.63	22.8	49.9	0.70	926	0.63	0.06	8.4	15.0	710
N813238		2.19	18.25	0.11	3.3	0.027	2.72	22.3	45.5	0.66	899	0.62	0.06	8.4	14.7	720
N813239		2.16	16.15	0.11	1.9	0.031	2.66	19.1	110.5	0.61	881	0.30	0.05	7.6	8.3	780
N813240		2.20	16.80	0.12	2.6	0.026	2.47	23.1	138.0	0.76	914	0.57	0.06	7.7	11.9	720
N813241		2.32	17.65	0.11	2.8	0.032	2.54	26.2	146.5	0.81	961	0.62	0.06	8.0	12.3	750
N813242		1.97	17.95	0.15	4.1	0.027	2.32	31.4	51.3	0.74	852	1.77	0.07	7.9	18.2	530
N813243		2.27	12.40	0.11	3.1	0.034	1.37	23.8	92.5	0.46	881	4.46	0.05	7.4	20.8	470
N811128		2.06	16.30	0.11	2.5	0.027	1.92	18.4	151.5	0.40	895	0.96	0.06	10.7	10.7	510
N811129		5.10	13.65	0.11	1.3	0.914	2.73	24.3	24.2	0.67	1960	11.70	0.25	6.5	15.8	490
N811130		1.22	15.10	0.11	2.0	0.023	2.36	14.6	37.9	0.28	631	0.71	0.05	9.5	1.6	270
N811131		1.25	15.20	0.10	2.0	0.027	2.21	23.3	72.8	0.27	549	1.94	0.06	8.9	2.8	290
N811132		2.87	13.70	0.13	1.3	0.043	2.44	25.4	23.1	1.38	1590	2.16	0.04	6.2	4.2	550
N811133		3.19	15.70	0.12	1.3	0.046	2.50	22.5	157.0	0.65	960	1.50	0.06	7.5	3.0	670
N811134		2.85	15.20	0.13	1.6	0.041	2.98	19.3	52.3	0.57	621	1.94	0.89	7.3	2.8	550
N811135		3.10	14.75	0.11	1.2	0.047	2.66	26.6	144.5	0.94	1270	1.88	0.06	7.0	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170285

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813216		25.7	97.8	0.002	0.02	1.76	12.3	2	1.9	460	0.81	<0.05	12.0	0.284	1.04	4.1
N813217		9650	135.0	0.003	7.24	221	8.2	4	9.0	124.5	0.44	0.57	9.0	0.178	2.09	5.4
N813218		23.5	122.5	0.002	0.02	17.95	13.1	2	1.9	195.0	0.74	<0.05	12.2	0.312	1.21	3.5
N813219		48.4	86.4	0.002	0.03	1.63	9.9	1	1.5	429	0.56	<0.05	10.5	0.257	0.97	3.2
N813220		69.5	96.7	<0.002	0.10	7.03	10.4	1	1.6	339	0.66	<0.05	12.6	0.260	1.33	3.5
N813221		49.6	85.5	<0.002	0.18	37.2	8.5	1	1.2	187.0	0.40	<0.05	8.8	0.185	1.16	3.9
N813222		102.0	131.5	<0.002	0.14	24.5	9.5	1	1.4	154.5	0.49	<0.05	10.6	0.219	1.75	5.2
N813223		15.3	79.2	<0.002	0.06	32.0	11.6	2	1.7	129.5	0.64	<0.05	11.8	0.275	0.97	2.8
N813224		3050	106.5	0.002	0.25	31.4	10.8	2	1.6	178.0	0.62	<0.05	11.8	0.251	1.69	3.9
N813225		4760	149.5	<0.002	1.84	62.1	8.9	2	1.9	97.6	0.41	<0.05	9.2	0.193	2.11	5.3
N813226		21.7	4.0	<0.002	0.02	0.27	0.6	1	<0.2	41.2	<0.05	<0.05	0.2	0.006	0.03	0.7
N813227		67.4	135.5	0.002	0.25	21.0	11.8	1	1.7	178.0	0.61	<0.05	11.1	0.274	2.49	4.9
N813228		18.2	116.0	0.002	0.07	13.95	12.6	2	1.9	248	0.69	<0.05	11.8	0.283	1.59	3.4
N813229		38.3	112.5	<0.002	0.17	24.1	11.3	1	1.9	182.0	0.61	<0.05	10.8	0.266	1.74	2.9
N813230		1165	214	<0.002	1.55	25.0	10.8	<1	2.0	77.9	0.48	<0.05	12.1	0.235	2.89	4.6
N813231		136.5	163.0	<0.002	0.27	11.35	11.2	<1	2.0	163.5	0.64	<0.05	9.8	0.273	3.03	4.5
N813232		153.0	224	0.002	0.86	14.95	9.6	1	2.1	174.5	0.74	<0.05	12.4	0.213	2.99	7.5
N813233		2.3	2.6	<0.002	0.01	0.37	0.3	<1	0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N813234		20.6	108.0	<0.002	0.16	7.54	6.3	<1	1.5	355	0.74	<0.05	10.5	0.252	2.13	6.1
N813235		19.5	104.0	<0.002	0.13	15.90	6.5	<1	1.5	330	0.75	<0.05	11.0	0.254	2.36	6.9
N813236		330	116.0	0.003	0.50	42.3	6.4	<1	2.2	317	0.57	<0.05	10.2	0.201	1.70	10.2
N813237		14.5	96.2	<0.002	0.03	8.82	5.9	<1	1.6	335	0.67	<0.05	8.6	0.260	1.93	3.7
N813238		14.6	98.9	<0.002	0.03	8.83	5.9	<1	1.6	336	0.68	<0.05	8.5	0.267	1.85	3.7
N813239		8.0	87.2	<0.002	0.03	14.10	5.4	<1	1.2	311	0.62	<0.05	7.3	0.273	1.70	2.7
N813240		15.1	82.7	<0.002	0.12	15.05	6.1	1	1.3	339	0.65	<0.05	8.6	0.264	2.31	4.2
N813241		15.1	92.1	<0.002	0.13	15.65	6.3	<1	1.4	350	0.67	<0.05	9.4	0.274	2.46	4.7
N813242		30.2	111.0	0.002	0.11	32.9	6.1	<1	1.8	327	0.65	<0.05	11.0	0.234	1.86	10.1
N813243		120.5	76.4	0.006	0.20	77.5	6.5	<1	1.5	315	0.51	<0.05	7.8	0.284	1.34	22.9
N811128		26.3	71.4	0.003	0.04	25.6	5.1	<1	2.0	280	0.90	<0.05	7.0	0.248	1.18	4.6
N811129		1290	159.0	<0.002	3.00	31.4	8.7	1	5.7	147.5	0.57	0.30	12.2	0.201	2.61	5.2
N811130		35.2	90.4	0.002	0.03	10.20	2.0	<1	1.8	222	0.87	<0.05	6.5	0.112	1.39	3.2
N811131		97.2	102.0	0.002	0.17	25.6	2.6	<1	2.2	227	0.82	<0.05	8.4	0.123	1.43	9.3
N811132		76.4	127.0	0.002	0.30	11.25	9.6	<1	1.4	329	0.61	<0.05	12.6	0.228	2.38	10.3
N811133		22.3	105.0	0.003	0.11	20.2	12.1	<1	1.7	179.5	0.73	<0.05	12.5	0.286	1.78	3.9
N811134		19.4	119.5	<0.002	0.02	11.80	10.1	<1	1.6	247	0.87	<0.05	15.8	0.249	1.51	4.9
N811135		17.3	103.5	<0.002	0.16	9.45	11.7	<1	1.6	245	0.67	<0.05	12.4	0.271	1.71	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170285

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N813216		84	1.6	16.5	65	31.2		
N813217		53	4.4	9.5	>10000	34.4	121	1.595
N813218		89	4.1	16.8	79	26.6		
N813219		75	1.9	13.5	81	26.1		
N813220		75	2.7	13.9	204	24.2		
N813221		57	2.4	12.4	127	18.0		
N813222		66	4.1	14.2	109	20.4		
N813223		76	10.6	14.5	82	26.6		
N813224		74	5.8	14.1	121	25.3		
N813225		61	4.8	11.7	3130	18.2		
N813226		3	0.2	0.9	25	0.5		
N813227		82	6.2	15.8	91	22.8		
N813228		83	2.0	15.9	56	26.1		
N813229		78	3.7	13.0	88	21.6		
N813230		72	2.3	11.9	500	17.2		
N813231		83	2.5	13.0	56	18.1		
N813232		59	3.4	14.2	206	26.2		
N813233		3	0.1	0.8	14	<0.5		
N813234		49	5.0	12.2	71	75.7		
N813235		49	2.0	13.0	77	80.0		
N813236		46	2.1	13.8	291	97.5		
N813237		49	1.9	11.1	65	102.0		
N813238		50	2.0	10.5	65	104.0		
N813239		47	3.0	9.6	69	48.8		
N813240		50	2.1	10.7	72	74.4		
N813241		51	2.1	11.4	75	75.6		
N813242		49	1.9	13.0	55	140.0		
N813243		55	5.7	15.9	80	108.0		
N811128		34	4.0	9.9	72	65.9		
N811129		55	4.9	10.8	2910	34.3		
N811130		13	1.4	7.7	59	41.9		
N811131		16	2.1	9.5	128	43.4		
N811132		68	8.1	14.9	131	27.1		
N811133		81	4.9	13.9	58	25.3		
N811134		69	2.5	13.5	49	28.7		
N811135		79	3.2	15.2	78	24.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170285

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170286

Project: Klaza - 84

P.O. No.: Batch 8

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

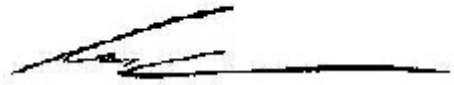
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170286

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811136		6.13	<0.005	0.06	7.17	3.2	2080	1.48	0.06	2.86	0.08	45.7	8.6	17	12.65	9.9
N811137		2.59	<0.005	0.24	6.98	40.0	2410	1.69	0.18	2.37	0.15	48.1	9.6	14	18.30	10.7
N811138		2.26	<0.005	0.02	0.09	<5	40	0.10	0.01	18.85	0.06	1.20	1.4	<1	0.26	1.6
N811139		5.95	<0.005	0.12	7.06	5.0	1900	1.74	0.09	2.63	0.09	46.9	8.1	18	9.83	13.9
N811140		5.15	<0.005	0.71	7.36	14.6	2630	1.59	0.11	1.71	0.20	50.0	8.4	10	19.80	18.7
N811141		7.76	<0.005	0.22	7.62	15.2	1360	1.62	0.12	1.17	0.12	52.9	8.0	11	17.20	13.2
N811142		3.49	<0.005	0.11	7.36	12.7	1780	1.81	0.14	1.68	0.18	47.4	7.4	9	19.90	9.4
N811143		7.78	<0.005	0.33	6.56	20.4	1030	2.01	0.15	2.16	0.37	45.3	7.8	17	21.6	25.7
N811144		5.19	<0.005	0.40	7.25	8.4	1980	1.32	0.25	2.80	0.09	41.3	9.2	11	11.30	166.0
N811145		<0.02	<0.005	0.38	7.12	6.5	1940	1.37	0.24	2.74	0.10	43.7	8.4	11	11.15	156.5
N811146		4.24	<0.005	0.13	7.35	4.5	2110	1.31	0.15	2.16	0.07	42.4	7.8	12	10.35	35.0
N811147		2.72	<0.005	0.31	6.79	12.6	1490	1.22	0.35	4.02	0.25	49.7	6.0	7	16.00	95.4
N811148		0.21	0.764	9.24	6.41	1725	690	1.37	5.83	1.73	41.3	42.2	16.3	16	16.50	104.0
N811149		3.40	<0.005	0.31	7.38	8.7	1820	1.09	0.26	1.86	0.18	40.9	6.4	13	11.10	136.0
N811150		7.48	<0.005	0.15	7.28	5.0	1940	1.31	0.13	2.67	0.11	43.0	7.8	10	9.07	56.5
N811151		4.18	<0.005	0.07	7.24	3.6	1780	1.43	0.08	2.89	0.10	44.1	8.5	11	11.50	15.6
N811152		5.39	<0.005	0.19	7.14	7.1	2000	1.04	0.11	2.15	0.11	41.4	5.6	11	10.25	47.2
N811153		4.08	<0.005	0.21	6.83	5.2	1700	1.11	0.21	2.39	0.07	36.4	6.1	12	8.08	71.8
N811154		5.25	<0.005	0.13	7.72	6.9	2190	1.02	0.14	1.55	0.09	40.7	5.6	9	15.50	27.3
N811155		2.19	<0.005	0.22	7.66	8.0	2110	1.08	0.14	1.42	0.10	42.7	5.6	12	13.90	64.7
N811156		5.24	0.006	0.12	7.25	10.6	3010	1.34	0.24	1.70	0.08	40.8	22.0	9	10.95	12.4
N811157		2.29	<0.005	0.02	0.11	<5	20	0.08	0.02	19.95	0.06	1.25	0.7	<1	0.23	12.1
N811158		3.95	<0.005	0.14	7.53	8.0	2470	1.35	0.11	1.57	0.07	38.5	4.6	11	14.10	25.1
N811159		5.06	<0.005	0.08	7.52	4.2	2000	1.45	0.10	2.39	0.08	47.0	4.9	14	8.99	10.2
N811160		2.78	<0.005	0.12	7.38	13.7	2050	1.43	0.13	2.06	0.36	36.0	6.4	11	16.75	25.4
N811161		3.30	<0.005	0.14	7.55	4.1	2110	1.42	0.07	2.46	0.10	47.4	7.5	11	7.06	46.0
N811162		2.74	<0.005	0.10	7.48	4.3	2020	1.47	0.10	2.53	0.09	42.7	7.4	12	11.80	26.4
N811163		3.20	<0.005	0.06	7.34	3.0	2040	1.34	0.07	2.43	0.07	47.1	6.6	11	7.51	6.3
M899695		0.21	0.801	9.50	6.66	1760	800	1.49	5.99	1.80	42.5	44.3	16.6	16	16.65	106.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170286

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811136		3.08	15.90	0.10	1.4	0.038	2.57	23.6	19.2	0.85	712	1.89	2.11	8.2	3.4	640
N811137		3.11	15.25	0.21	1.0	0.061	2.65	24.8	59.0	0.76	1260	2.54	0.42	7.9	3.3	550
N811138		0.42	0.29	0.08	<0.1	<0.005	0.03	0.6	1.5	11.50	194	0.14	0.01	0.3	3.1	170
N811139		2.90	15.55	0.16	1.1	0.039	2.41	22.8	21.9	0.80	700	2.13	1.95	7.8	2.9	590
N811140		2.80	16.30	0.19	1.1	0.037	2.55	24.9	117.0	0.52	811	12.80	0.09	7.9	2.9	600
N811141		3.02	16.75	0.19	1.1	0.039	2.42	26.7	83.4	0.52	730	1.02	0.10	8.7	3.0	640
N811142		2.99	16.55	0.17	1.0	0.039	2.23	23.6	108.5	0.64	920	1.03	0.05	8.6	3.1	630
N811143		2.78	15.20	0.19	0.9	0.040	2.27	22.9	273	0.72	1130	1.66	0.14	7.9	3.3	570
N811144		3.08	15.90	0.10	0.8	0.037	2.46	19.9	19.3	0.84	674	2.63	1.71	7.7	3.1	610
N811145		3.01	15.30	0.10	1.0	0.043	2.40	20.9	18.9	0.82	659	2.72	1.69	7.4	2.8	610
N811146		3.04	15.95	0.14	0.9	0.034	2.67	19.1	25.2	0.82	546	1.13	1.48	7.8	3.2	630
N811147		2.70	14.35	0.13	0.8	0.032	2.31	25.4	40.5	1.14	1130	7.31	0.05	6.8	2.4	540
N811148		4.85	14.45	0.08	1.2	0.916	2.66	20.9	23.3	0.64	1860	11.00	0.24	7.2	15.3	470
N811149		2.56	15.95	0.10	1.0	0.045	2.74	18.7	35.1	0.65	539	5.45	0.16	7.9	2.6	610
N811150		3.02	15.35	0.10	1.0	0.034	2.44	18.6	19.3	0.83	575	25.4	1.89	7.7	2.8	630
N811151		3.16	16.25	0.11	0.9	0.036	2.34	19.9	20.5	0.83	617	1.10	1.67	8.2	3.2	650
N811152		3.06	16.10	0.10	1.0	0.030	2.56	18.0	33.7	0.70	570	1.07	0.29	7.9	2.7	630
N811153		3.01	14.65	0.10	0.8	0.048	2.58	16.1	25.6	0.83	664	1.76	1.08	6.8	2.7	570
N811154		3.18	16.60	0.11	1.0	0.032	2.84	18.0	31.0	0.68	693	0.89	0.08	8.3	2.7	670
N811155		3.05	16.75	0.11	1.0	0.038	2.72	20.1	33.2	0.69	636	1.68	0.08	7.8	2.8	620
N811156		3.18	15.45	0.10	1.0	0.039	2.73	19.9	44.1	0.69	789	0.69	0.04	7.3	3.0	620
N811157		0.47	0.28	0.15	<0.1	<0.005	0.04	0.5	1.2	12.25	202	0.16	0.01	0.2	2.0	180
N811158		3.10	16.05	0.13	1.1	0.029	2.87	17.8	35.1	0.64	770	1.16	0.21	7.6	2.7	610
N811159		3.24	16.70	0.15	1.1	0.037	2.61	20.6	21.0	0.83	660	1.90	1.23	8.0	2.9	640
N811160		2.75	17.10	0.13	1.1	0.041	2.56	15.7	68.2	0.60	661	1.50	0.40	8.5	2.8	720
N811161		3.19	16.85	0.14	1.0	0.033	2.57	23.0	14.1	0.91	581	1.73	2.06	8.4	3.3	670
N811162		3.04	16.45	0.12	1.0	0.037	2.67	20.2	21.9	0.78	578	1.44	1.83	7.8	3.0	630
N811163		3.16	16.00	0.10	1.0	0.030	2.49	22.8	11.9	0.83	572	2.68	1.97	7.7	3.0	610
M899695		5.02	14.95	0.09	1.2	0.971	2.70	22.4	24.0	0.66	1930	11.20	0.25	7.5	15.6	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170286

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811136		17.2	97.9	0.002	0.01	1.34	12.4	2	1.4	403	0.68	<0.05	12.1	0.266	0.99	4.3
N811137		26.1	134.5	<0.002	0.21	13.55	11.5	1	1.5	207	0.59	<0.05	11.5	0.239	1.82	4.5
N811138		1.1	1.6	<0.002	0.01	0.05	0.3	1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811139		16.4	92.4	<0.002	0.02	2.11	11.2	1	1.4	379	0.54	<0.05	12.6	0.257	0.93	4.0
N811140		29.8	103.0	0.002	0.09	21.9	11.6	1	1.4	156.0	0.55	<0.05	14.4	0.258	1.25	3.9
N811141		12.6	116.5	<0.002	0.04	26.1	12.3	1	1.5	120.0	0.64	<0.05	13.0	0.277	1.28	3.1
N811142		11.6	104.0	<0.002	0.10	21.8	12.6	1	1.5	131.0	0.65	<0.05	12.4	0.275	1.31	3.3
N811143		13.7	106.0	<0.002	0.12	28.7	11.0	1	1.4	176.5	0.53	<0.05	11.4	0.242	1.43	4.0
N811144		16.5	87.9	<0.002	0.06	7.04	11.1	1	1.7	392	0.58	<0.05	11.0	0.265	1.02	3.5
N811145		16.2	84.5	<0.002	0.06	7.15	10.6	1	1.6	388	0.55	<0.05	11.2	0.262	1.02	3.5
N811146		17.9	99.8	<0.002	0.02	7.69	11.4	1	1.8	349	0.55	<0.05	11.1	0.274	1.12	3.4
N811147		14.8	137.0	<0.002	0.05	35.6	10.6	1	1.7	197.0	0.48	<0.05	11.3	0.229	1.44	2.8
N811148		1210	155.0	0.002	2.82	30.5	8.7	1	5.5	145.5	0.56	0.21	10.9	0.194	2.44	4.8
N811149		18.2	97.5	0.004	0.03	18.35	11.7	1	1.7	182.5	0.54	<0.05	10.3	0.271	1.15	3.2
N811150		15.1	77.9	<0.002	0.02	4.13	11.2	1	1.6	407	0.57	<0.05	10.0	0.269	0.96	3.1
N811151		14.2	87.7	0.002	0.01	4.08	11.8	1	1.6	415	0.53	<0.05	10.0	0.275	0.87	3.6
N811152		16.2	87.5	0.002	0.03	14.40	11.5	1	1.6	210	0.55	<0.05	10.3	0.268	1.14	3.0
N811153		9.9	113.0	<0.002	0.03	13.00	10.1	1	1.5	231	0.52	<0.05	10.6	0.252	1.41	2.7
N811154		14.0	114.0	<0.002	0.02	18.00	12.3	1	1.7	148.0	0.60	<0.05	12.8	0.284	1.34	3.0
N811155		13.5	116.0	0.002	0.03	24.2	11.8	1	1.6	146.0	0.57	<0.05	11.6	0.268	1.33	2.8
N811156		8.1	114.0	<0.002	0.23	19.45	11.1	1	1.7	127.5	0.56	<0.05	10.8	0.259	1.56	2.3
N811157		1.1	1.7	<0.002	0.01	0.05	0.4	1	0.2	38.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811158		11.9	109.5	0.002	0.05	15.00	10.7	1	1.5	161.0	0.56	<0.05	11.1	0.269	1.54	2.9
N811159		16.2	103.5	<0.002	0.01	6.21	12.6	1	1.6	299	0.60	<0.05	11.2	0.278	1.18	3.2
N811160		13.6	93.8	<0.002	0.07	13.40	12.7	1	1.7	202	0.64	<0.05	10.2	0.299	1.42	4.1
N811161		16.1	107.0	<0.002	0.01	2.41	12.7	1	1.6	417	0.59	<0.05	12.0	0.277	1.15	3.7
N811162		15.0	99.7	0.002	0.01	3.69	12.0	1	1.5	397	0.59	<0.05	10.8	0.268	1.13	3.3
N811163		14.4	96.5	<0.002	0.01	2.37	11.5	1	1.7	404	0.57	<0.05	11.4	0.266	1.03	3.3
M899695		1250	153.5	<0.002	2.96	30.3	8.8	1	5.6	152.5	0.57	0.29	11.1	0.197	2.38	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170286

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811136		81	0.9	17.9	55	32.3
N811137		71	4.8	15.0	61	26.4
N811138		3	0.1	0.7	11	<0.5
N811139		74	1.0	15.1	49	29.0
N811140		77	3.1	14.7	56	28.6
N811141		83	4.6	15.0	53	29.0
N811142		82	3.6	14.8	60	25.5
N811143		71	5.1	13.8	65	25.8
N811144		79	2.8	13.9	50	21.8
N811145		77	3.0	13.4	49	23.1
N811146		81	2.9	13.5	49	23.5
N811147		66	3.7	19.3	52	21.3
N811148		54	5.0	10.9	2850	34.7
N811149		80	5.3	12.9	42	23.9
N811150		81	2.0	13.6	44	23.0
N811151		84	0.8	15.5	47	23.3
N811152		80	3.0	13.2	53	23.5
N811153		77	2.3	14.1	46	19.3
N811154		85	4.4	15.0	47	25.0
N811155		79	4.2	14.9	47	24.0
N811156		81	2.8	12.3	48	23.3
N811157		3	0.1	0.8	12	<0.5
N811158		79	3.1	12.6	52	24.0
N811159		83	1.9	14.4	59	24.7
N811160		94	3.3	12.2	53	24.3
N811161		81	2.3	16.7	47	25.3
N811162		81	1.7	14.9	46	23.5
N811163		77	1.2	14.7	47	24.0
M899695		56	5.2	11.2	2870	36.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza - 84

CERTIFICATE OF ANALYSIS WH12170286

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170287

Project: Klaza - 85

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

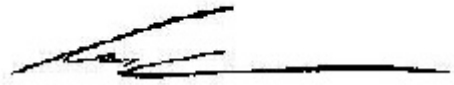
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12170287

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810111		4.16	<0.005	0.13	7.39	9.3	2700	1.45	0.15	2.24	0.22	42.2	3.9	12	10.30	3.1
N810112		6.87	0.023	0.39	7.23	37.2	1880	1.34	0.64	1.43	2.08	45.7	5.6	18	12.90	7.2
N810113		3.86	0.204	0.95	6.95	22.1	2230	1.53	1.44	2.21	1.06	39.7	4.7	14	11.50	19.3
N810114		5.07	0.007	0.27	7.29	13.6	2210	1.25	0.39	1.75	0.59	46.1	5.3	16	10.30	10.8
N810115		3.69	0.006	0.21	7.31	13.3	1620	1.57	0.27	1.53	1.05	48.8	5.0	12	12.35	6.2
N810116		4.68	<0.005	0.10	7.74	7.7	2260	1.72	0.11	2.36	0.12	57.6	5.6	19	12.25	3.7
N810117		4.21	0.244	13.40	7.33	63.6	5600	1.57	23.9	1.94	4.02	53.0	6.2	12	14.65	168.0
N810118		3.13	0.008	0.13	7.30	5.8	2390	1.61	0.20	2.56	0.10	46.9	5.8	16	9.54	5.7
N810119		1.85	<0.005	0.10	7.29	6.3	2370	1.56	0.16	2.55	0.13	41.6	5.5	12	9.55	14.4
N810120		4.02	0.217	21.1	7.33	101.5	1970	1.58	39.3	2.59	2.76	50.4	6.4	14	14.85	67.6
N810121		5.27	0.070	4.36	7.87	33.0	2080	1.94	7.70	2.08	2.53	54.7	6.1	13	16.40	27.1
N810122		7.58	<0.005	0.16	7.94	6.1	2170	1.78	0.24	3.05	0.12	55.1	3.7	15	11.65	4.3
N810123		0.21	0.914	9.31	7.01	1960	390	1.54	6.24	2.03	42.6	43.7	16.6	21	15.20	112.5
N810124		5.84	<0.005	0.18	7.30	12.5	1100	1.64	0.30	3.19	0.23	42.3	2.4	10	8.30	2.4
N810125		<0.02	<0.005	0.07	7.20	7.5	1060	1.63	0.17	3.15	0.13	43.0	2.4	12	8.18	2.3
N810126		3.74	<0.005	0.25	7.43	8.6	940	1.48	0.41	2.38	0.36	47.7	2.4	14	7.98	6.7
N810127		3.13	<0.005	0.09	7.29	8.1	900	1.30	0.16	2.74	0.08	41.1	3.1	13	7.73	5.3
N810128		7.44	<0.005	0.20	6.97	9.2	610	1.56	0.54	2.79	0.73	38.3	2.2	14	7.77	2.3
N810129		4.31	0.187	7.39	6.35	187.5	500	1.47	11.85	2.20	15.80	41.8	2.8	18	9.18	122.5
N810130		0.23	4.46	>100	5.32	8040	150	1.24	59.2	1.98	222	31.8	8.5	18	10.10	1230
N810131		10.65	<0.005	0.32	7.40	16.3	740	1.64	0.56	2.32	0.35	45.2	1.5	14	8.72	10.3
N810132		6.96	0.028	1.51	7.11	46.7	1690	1.43	2.38	1.22	2.22	41.9	1.9	20	7.35	25.7
N810133		4.46	0.123	0.98	6.53	190.0	940	1.33	1.52	1.68	4.53	36.9	3.3	14	6.55	10.0
N810134		5.98	0.230	13.60	5.24	429	100	1.23	24.5	1.37	17.25	30.3	5.0	26	15.40	145.5
N810135		8.56	0.571	27.2	4.11	1020	150	1.03	34.7	0.85	6.65	22.1	4.4	10	9.98	1125
N810136		2.44	<0.005	0.14	0.06	5	20	<0.05	0.11	21.0	0.09	0.98	0.6	3	0.28	4.9
N810137		6.89	0.482	34.7	4.62	1425	180	1.04	39.0	0.58	5.98	30.3	7.0	12	8.31	2370
N810138		2.90	<0.005	0.14	0.11	<5	40	0.10	0.10	19.30	0.06	1.13	0.6	1	0.18	6.2
N810139		4.90	0.129	1.91	6.26	248	390	1.32	2.84	1.14	1.87	45.3	5.9	9	14.10	36.0
N810140		5.61	0.005	0.28	7.51	14.4	2100	1.48	0.44	1.68	0.33	51.3	5.9	9	18.00	33.3
N810141		4.24	0.045	5.36	7.02	163.0	1260	1.24	1.36	2.44	11.00	49.3	6.5	10	21.4	153.0
N810142		7.89	<0.005	0.14	7.28	7.5	1900	1.44	0.21	2.35	0.19	43.5	4.1	20	13.00	3.7
N810143		11.61	0.006	0.24	6.93	16.9	2190	1.49	0.35	2.48	0.25	42.9	5.0	13	13.75	7.5
N810144		7.38	0.005	0.21	8.02	20.5	2250	1.29	0.19	2.07	0.71	47.9	5.1	14	13.15	7.9
N810145		4.67	0.036	0.51	7.20	101.0	2830	1.90	0.15	2.17	1.60	42.3	4.9	15	16.45	4.8
N810146		8.18	<0.005	0.08	7.75	6.1	2180	1.40	0.14	2.21	0.10	59.7	4.7	12	12.70	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12170287

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810111		3.20	16.50	0.10	1.3	0.025	3.33	22.6	42.1	0.75	507	3.64	0.41	7.2	2.5	600
N810112		4.06	15.60	0.15	1.2	0.120	3.07	27.1	43.8	0.71	1330	2.83	0.07	6.4	2.3	570
N810113		2.70	17.30	0.13	1.5	0.069	3.34	19.8	49.5	0.65	732	4.34	0.10	7.2	2.7	590
N810114		3.24	16.70	0.14	1.5	0.039	3.14	24.6	33.9	0.76	451	3.63	0.17	8.0	2.6	620
N810115		4.33	15.00	0.16	1.4	0.130	2.91	29.2	70.9	0.71	1460	1.74	0.26	6.5	2.3	540
N810116		2.89	16.40	0.15	1.4	0.023	3.11	31.6	32.0	0.69	444	2.61	1.89	7.8	2.6	590
N810117		4.90	15.70	0.14	1.3	0.357	3.16	30.5	58.3	0.79	1740	2.19	0.13	6.7	2.5	570
N810118		2.87	15.45	0.15	1.4	0.030	3.22	24.5	12.5	0.74	527	3.70	1.73	7.3	2.6	590
N810119		2.86	14.90	0.11	1.4	0.031	3.17	22.2	12.3	0.75	540	2.40	1.60	7.1	2.8	580
N810120		4.66	15.50	0.14	1.3	0.235	2.93	28.7	24.0	0.82	1340	1.86	1.30	7.0	2.5	550
N810121		4.16	17.05	0.19	1.5	0.191	2.98	31.3	38.2	0.84	980	1.98	1.54	7.6	2.8	580
N810122		2.89	16.85	0.15	1.5	0.031	2.98	26.8	15.8	0.74	499	1.56	1.73	8.0	2.7	610
N810123		5.57	15.05	0.14	1.4	0.863	3.00	22.8	24.5	0.72	2110	12.45	0.26	7.1	15.6	530
N810124		1.92	17.20	0.12	1.2	0.052	1.90	19.6	149.0	0.75	600	0.90	0.12	6.9	2.1	610
N810125		1.92	17.25	0.11	1.3	0.057	1.86	19.5	142.0	0.74	593	1.32	0.12	6.9	2.1	610
N810126		1.90	15.65	0.12	1.0	0.103	2.40	20.5	86.7	0.88	892	1.28	0.08	5.6	2.1	540
N810127		1.97	16.40	0.11	1.4	0.046	1.58	18.2	40.3	0.58	539	1.12	0.06	7.5	2.3	620
N810128		2.16	16.30	0.15	1.3	0.146	2.05	14.3	64.3	0.59	936	0.91	0.06	6.5	1.9	580
N810129		4.27	14.25	0.12	1.0	0.514	2.47	18.8	84.6	0.98	1670	2.31	0.04	5.6	2.0	450
N810130		7.88	12.15	0.14	1.1	4.14	2.23	14.6	29.8	0.60	3000	14.10	0.08	5.0	12.9	460
N810131		2.47	15.80	0.12	1.2	0.244	2.25	20.0	184.0	0.82	1080	1.17	0.06	6.5	1.9	580
N810132		5.04	15.45	0.15	1.0	0.480	2.98	19.0	67.5	0.80	2120	1.89	0.05	5.5	1.7	430
N810133		4.24	13.95	0.14	0.9	0.310	2.98	16.7	26.1	0.80	1550	2.20	0.04	4.6	1.7	380
N810134		5.79	13.30	0.11	1.0	0.626	2.32	13.1	29.9	0.79	1880	18.00	0.03	4.8	7.1	430
N810135		7.58	10.90	0.10	0.6	0.595	1.75	10.4	29.9	0.42	1140	10.10	0.02	3.8	2.9	280
N810136		0.48	0.23	0.08	<0.1	<0.005	0.04	0.5	1.5	13.05	221	0.19	<0.01	0.1	2.2	180
N810137		8.50	12.05	0.14	0.7	1.070	2.15	14.1	19.7	0.34	886	13.95	0.02	4.0	3.6	340
N810138		0.44	0.23	0.10	<0.1	<0.005	0.03	0.5	1.2	12.00	202	0.19	0.01	0.2	1.7	170
N810139		4.47	13.45	0.13	0.9	0.293	2.75	26.2	18.8	0.56	1480	20.4	0.03	5.1	2.3	440
N810140		3.28	15.45	0.15	1.1	0.061	2.62	26.4	56.1	0.67	1040	2.57	0.06	7.2	2.3	590
N810141		4.35	14.25	0.15	0.9	0.262	3.05	25.6	17.3	0.94	2420	3.24	0.04	5.6	2.0	530
N810142		3.04	16.10	0.12	0.9	0.053	2.62	21.5	28.5	0.56	637	3.55	0.95	7.3	2.3	590
N810143		3.25	15.70	0.13	1.0	0.063	2.84	21.1	22.4	0.69	712	4.87	1.21	7.3	2.4	600
N810144		3.50	16.55	0.14	1.2	0.058	3.37	24.3	33.4	0.66	720	2.52	0.44	7.6	2.5	650
N810145		2.91	14.95	0.13	1.0	0.128	2.50	19.7	317	0.64	933	3.46	0.06	7.0	2.5	590
N810146		2.83	16.50	0.12	1.0	0.037	2.99	29.7	39.6	0.68	419	1.66	2.11	8.2	2.9	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12170287

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810111		18.2	112.5	0.005	0.07	7.01	9.6	1	1.7	143.0	0.61	<0.05	13.1	0.236	1.62	4.9
N810112		85.2	143.5	0.005	0.43	11.35	9.5	<1	2.5	78.6	0.54	0.05	12.6	0.221	2.12	4.2
N810113		83.7	113.5	0.003	0.17	13.05	9.1	1	2.1	103.5	0.63	<0.05	10.7	0.231	1.93	3.9
N810114		32.7	109.5	0.004	0.10	10.35	10.6	1	2.4	112.0	0.67	<0.05	12.8	0.260	1.47	3.0
N810115		86.6	154.0	0.002	0.20	10.25	9.3	<1	2.9	102.0	0.58	<0.05	14.1	0.214	2.03	2.9
N810116		17.1	118.0	0.005	0.03	4.20	10.5	<1	1.8	318	0.64	<0.05	14.7	0.251	1.28	4.4
N810117		105.5	139.0	0.005	0.49	28.6	9.5	1	3.0	121.5	0.57	0.06	14.2	0.222	2.12	4.3
N810118		16.6	115.0	0.004	0.06	3.44	9.6	1	1.8	293	0.64	<0.05	13.2	0.248	1.53	3.8
N810119		16.3	118.0	0.004	0.05	3.91	9.4	1	1.7	272	0.65	<0.05	12.7	0.242	1.47	4.1
N810120		116.0	125.5	0.005	1.05	7.09	9.5	1	3.1	259	0.58	0.14	14.2	0.228	1.64	4.4
N810121		57.1	131.0	0.006	0.31	6.87	10.6	1	2.7	264	0.61	0.05	14.7	0.241	1.66	4.5
N810122		18.4	112.0	0.002	0.03	4.62	10.3	1	2.0	301	0.74	0.06	14.6	0.253	1.45	4.7
N810123		1385	159.0	0.004	3.16	32.0	8.7	1	6.2	151.5	0.65	0.33	12.0	0.217	2.71	5.1
N810124		15.0	73.5	0.003	0.10	11.10	9.7	1	2.1	158.5	0.59	<0.05	11.4	0.223	1.62	3.9
N810125		10.7	70.1	<0.002	0.10	11.15	9.5	1	2.0	161.0	0.61	<0.05	11.1	0.223	1.68	3.9
N810126		19.6	140.0	0.004	0.15	12.60	9.3	1	2.3	75.1	0.47	0.05	13.8	0.189	2.27	4.0
N810127		12.4	61.0	0.003	0.09	14.20	9.6	1	2.0	79.6	0.64	<0.05	12.3	0.241	1.35	2.9
N810128		20.3	95.4	0.006	0.25	11.75	8.9	1	3.3	73.0	0.60	0.27	11.7	0.209	2.18	3.4
N810129		389	162.5	0.003	1.91	30.4	8.5	1	5.3	66.2	0.49	0.50	11.6	0.173	2.72	4.9
N810130		9330	123.5	0.004	6.90	201	6.8	1	8.6	115.5	0.43	0.44	8.1	0.178	2.13	4.9
N810131		19.9	117.5	0.003	0.21	14.60	9.7	1	2.8	101.5	0.58	0.07	13.0	0.211	2.56	5.0
N810132		80.4	198.5	0.004	0.74	13.10	8.0	1	5.2	42.7	0.56	0.18	17.9	0.157	3.03	3.7
N810133		79.3	205	0.004	2.08	9.10	6.8	1	5.6	41.8	0.50	0.10	16.1	0.138	3.11	4.4
N810134		273	151.0	0.006	3.08	83.1	6.9	1	5.4	89.6	0.41	0.20	8.3	0.153	2.57	4.5
N810135		448	116.5	0.005	6.48	375	5.3	1	8.3	70.4	0.32	0.26	6.1	0.124	1.91	4.3
N810136		2.8	2.0	0.003	0.01	1.49	0.2	1	0.3	42.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N810137		388	148.5	0.006	8.18	550	6.0	1	8.5	80.4	0.34	0.29	7.7	0.135	2.24	4.7
N810138		2.9	1.5	0.004	0.02	1.64	0.2	1	0.3	41.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810139		107.0	179.0	0.007	2.58	31.1	7.7	1	4.8	50.9	0.46	0.10	11.1	0.180	2.74	8.4
N810140		17.6	117.5	0.007	0.29	19.75	10.0	1	2.8	88.7	0.62	0.06	12.4	0.241	2.08	2.5
N810141		1875	172.0	0.004	0.85	43.5	9.1	<1	4.3	64.3	0.45	0.12	11.5	0.194	3.09	3.7
N810142		15.0	97.6	0.005	0.10	8.87	9.3	1	2.3	214	0.52	<0.05	9.5	0.242	1.48	2.9
N810143		25.9	94.1	0.004	0.15	6.41	9.8	1	2.7	249	0.58	<0.05	10.5	0.254	1.48	2.9
N810144		39.7	115.0	0.002	0.12	8.76	10.0	1	3.0	147.5	0.60	<0.05	11.3	0.272	1.65	3.4
N810145		42.6	88.0	0.003	0.55	24.8	9.0	1	2.7	143.5	0.55	<0.05	10.2	0.238	1.70	3.4
N810146		16.9	115.5	<0.002	0.03	5.92	10.5	1	2.1	334	0.61	<0.05	14.4	0.242	1.06	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12170287

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810111		69	3.4	13.4	56	36.7		
N810112		66	7.6	12.2	220	31.2		
N810113		71	4.7	11.9	122	39.3		
N810114		73	6.2	14.3	78	38.8		
N810115		61	5.5	13.9	158	32.6		
N810116		70	2.1	15.5	40	38.3		
N810117		64	5.1	13.4	362	34.6		
N810118		69	2.6	13.6	42	34.5		
N810119		67	2.5	13.0	43	33.9		
N810120		62	3.6	14.0	243	35.9		
N810121		66	3.9	15.7	235	39.1		
N810122		70	1.5	16.0	44	41.4		
N810123		61	5.4	10.8	3200	40.2		
N810124		72	2.3	12.5	48	33.2		
N810125		71	2.2	12.7	49	34.6		
N810126		59	2.8	10.8	65	26.9		
N810127		73	2.8	13.1	36	38.0		
N810128		77	2.6	12.2	91	31.0		
N810129		59	4.7	9.4	1290	24.3		
N810130		51	4.4	8.3	>10000	30.3	115	1.595
N810131		65	2.5	12.5	76	28.1		
N810132		48	5.5	7.1	252	22.3		
N810133		48	4.3	7.8	369	23.6		
N810134		53	6.2	6.0	1450	25.8		
N810135		38	5.8	6.7	507	15.3		
N810136		3	0.1	0.7	16	<0.5		
N810137		43	5.8	7.3	535	16.5		
N810138		3	0.1	0.7	14	<0.5		
N810139		57	4.7	8.4	179	22.6		
N810140		70	5.1	13.2	74	25.2		
N810141		61	6.2	10.4	957	19.1		
N810142		68	3.3	12.9	49	22.8		
N810143		73	3.3	13.3	61	24.0		
N810144		74	3.3	14.0	94	26.8		
N810145		65	5.0	12.3	168	23.4		
N810146		67	2.4	16.8	39	29.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12170287

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170288

Project: Klaza - 86

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

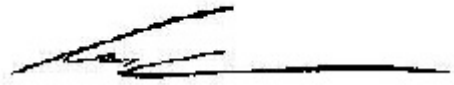
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12170288

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810147		0.24	0.739	9.87	6.75	1570	760	1.61	5.84	1.90	42.1	45.5	16.9	21	16.35	110.0
N810148		6.70	<0.005	0.11	7.46	7.1	2150	1.65	0.12	2.73	0.23	43.5	4.5	12	12.35	2.8
N810149		3.98	0.129	2.72	7.87	83.8	1910	1.46	2.87	1.96	5.95	54.0	12.6	12	15.50	16.0
N810150		12.13	<0.005	0.12	7.39	7.6	2010	1.56	0.14	2.46	0.21	41.0	3.8	18	12.20	3.7
N810151		7.13	0.006	0.54	7.07	31.5	1070	1.59	0.18	2.34	1.72	36.6	3.0	17	8.80	10.0
N810152		4.72	<0.005	0.10	7.66	13.0	1050	1.70	0.15	1.49	0.16	53.7	2.1	12	13.40	2.9
N810153		6.28	<0.005	0.14	7.48	15.6	1280	1.99	0.24	1.68	0.15	48.3	2.3	16	14.65	7.5
N810154		3.72	<0.005	0.10	8.05	7.6	970	1.31	0.17	1.22	0.10	54.1	2.1	12	11.10	3.6
N810155		0.24	2.29	25.2	5.93	2980	1050	1.33	18.75	2.16	77.0	42.6	10.4	19	13.35	435
N810156		12.03	0.037	0.85	7.26	47.1	1810	1.17	0.35	2.03	0.99	46.2	7.3	14	12.15	118.0
N810157		5.55	0.010	0.30	8.38	18.0	2270	1.20	0.22	1.45	0.16	47.2	5.9	10	9.38	77.3
N810158		2.62	0.008	0.41	8.16	17.9	2260	1.33	0.18	1.40	0.18	46.3	6.0	11	9.36	125.5
N810159		7.18	0.089	1.35	7.20	179.5	1420	1.63	1.82	2.01	4.52	51.4	6.6	11	13.05	28.3
N810160		7.03	0.031	0.52	7.62	105.0	720	1.89	0.53	1.97	0.78	45.9	1.7	19	9.88	26.4
N810161		5.19	0.677	16.55	6.80	563	150	1.40	29.8	2.05	5.78	47.6	3.8	12	10.40	491
N810162		2.79	<0.005	0.04	0.13	5	40	0.08	0.04	20.8	0.09	1.54	0.7	1	0.24	3.0
N810163		5.02	0.014	0.20	7.12	24.8	1380	1.47	0.30	2.99	0.15	40.5	3.5	15	15.10	33.6
N810164		6.89	0.252	9.04	6.20	290	760	1.22	16.65	2.22	1.05	40.7	7.3	17	12.10	39.1
N810165		6.02	0.005	0.47	7.41	22.8	770	1.38	0.81	2.33	1.16	35.8	3.0	12	8.91	31.7
N810166		4.60	0.015	1.29	7.38	47.0	1000	1.72	1.78	1.84	7.77	50.6	4.7	17	11.25	47.3
N810167		11.13	<0.005	0.22	6.96	7.4	670	1.62	0.26	3.39	0.49	35.0	2.2	10	9.57	2.1
N810168		<0.02	<0.005	0.17	7.33	7.8	760	1.74	0.20	3.41	0.47	36.7	2.5	13	10.25	2.7
N810169		5.16	0.015	0.83	6.35	8.9	580	1.67	0.79	3.79	2.71	31.8	2.0	18	8.63	6.1
N810170		5.84	0.021	0.38	6.87	28.6	2030	1.62	0.20	4.60	1.00	46.6	2.6	8	22.3	6.4
N810171		4.79	0.689	8.30	6.24	1040	110	1.53	10.10	1.57	11.35	46.6	5.5	12	16.95	266
N810172		3.51	<0.005	0.04	0.13	<5	30	<0.05	0.02	20.8	0.10	1.31	0.7	2	0.43	1.6
N810173		7.02	0.008	0.52	6.57	39.1	1520	1.35	0.17	2.81	2.90	37.0	6.6	13	15.80	18.3
N810174		5.40	0.010	0.26	6.35	16.8	1060	1.40	0.23	3.44	0.61	35.2	4.0	12	13.90	19.0
N810175		10.46	<0.005	0.17	6.95	8.4	1120	1.58	0.13	3.24	0.31	39.9	2.9	15	12.20	47.5
N810176		5.19	0.008	0.71	6.70	6.0	650	1.38	0.76	4.34	0.29	42.5	2.0	12	7.69	4.5
N810177		11.96	<0.005	0.10	7.31	7.3	1380	1.48	0.13	2.73	0.11	41.8	3.6	12	13.45	6.9
N810178		10.75	<0.005	0.12	6.91	7.9	1040	1.51	0.13	3.03	0.46	37.6	3.3	12	13.60	2.9
N810179		3.77	<0.005	0.13	6.66	7.7	1350	1.78	0.20	2.90	0.63	41.6	1.8	13	15.30	3.4
N810180		9.85	<0.005	0.16	6.73	10.2	810	1.53	0.22	3.15	0.20	32.8	2.6	10	14.95	6.6
N810181		5.92	<0.005	0.17	6.61	8.3	680	1.49	0.25	3.40	0.20	31.8	2.0	13	11.70	2.4
N810182		10.90	<0.005	0.19	6.77	9.6	590	1.25	0.42	4.30	0.23	31.8	2.1	11	10.40	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12170288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810147		5.22	14.60	0.17	1.2	0.884	2.79	26.1	27.4	0.68	1990	12.65	0.26	7.2	16.8	490
N810148		2.94	14.85	0.17	1.0	0.048	2.84	19.9	16.7	0.72	444	1.78	2.40	7.2	3.0	580
N810149		4.14	15.05	0.18	1.0	0.096	2.76	27.1	61.5	0.64	899	1.77	0.46	7.0	2.8	570
N810150		3.32	14.75	0.19	1.0	0.049	2.60	19.0	18.9	0.71	586	1.30	1.85	6.9	3.5	570
N810151		2.45	15.30	0.15	1.0	0.070	1.91	14.3	151.5	0.66	682	1.26	0.42	6.0	3.2	560
N810152		2.25	15.80	0.16	1.0	0.075	1.93	25.8	293	0.56	670	0.76	0.06	6.8	2.6	580
N810153		2.38	16.10	0.17	0.9	0.111	1.86	21.1	307	0.57	763	0.96	0.08	6.9	3.1	590
N810154		2.29	15.60	0.17	0.9	0.071	1.87	26.1	59.5	0.42	584	1.37	0.07	6.6	2.1	610
N810155		6.56	13.25	0.15	0.8	1.645	2.58	24.1	24.9	0.87	1870	12.30	0.04	5.3	15.2	430
N810156		2.84	15.00	0.17	0.9	0.076	2.40	23.0	33.3	0.70	1400	2.14	0.07	7.4	2.9	590
N810157		2.91	16.15	0.15	1.0	0.067	2.24	24.4	41.8	0.54	748	1.32	0.07	7.6	2.7	640
N810158		2.90	16.45	0.19	0.9	0.067	2.20	23.3	41.0	0.52	726	1.87	0.07	7.8	2.7	630
N810159		4.68	14.35	0.18	0.9	0.288	2.94	25.7	34.9	0.81	2370	6.91	0.05	6.3	3.2	520
N810160		2.79	15.50	0.17	0.9	0.201	2.68	19.4	199.5	0.73	1370	1.16	0.07	6.7	2.5	580
N810161		6.91	15.80	0.13	1.0	0.463	2.94	20.5	14.3	0.72	1800	1.00	0.12	6.0	2.7	490
N810162		0.50	0.34	0.12	<0.1	0.006	0.04	0.7	2.6	12.65	226	0.43	0.01	0.2	1.6	160
N810163		2.76	14.40	0.19	0.9	0.082	2.46	17.6	31.0	0.73	974	1.05	0.97	6.7	3.0	570
N810164		3.54	13.00	0.20	0.8	0.198	2.40	19.4	49.3	0.79	1420	3.72	0.05	5.4	2.6	430
N810165		2.61	16.00	0.15	1.1	0.272	1.80	12.5	48.1	0.61	901	0.73	0.53	7.5	2.1	610
N810166		4.91	15.45	0.17	0.9	0.345	2.38	24.5	98.0	0.79	2000	1.25	0.61	6.2	2.7	510
N810167		1.86	15.15	0.13	1.0	0.116	0.94	13.4	16.1	0.66	536	0.66	2.78	7.4	2.2	610
N810168		2.02	15.55	0.14	1.0	0.108	1.07	14.0	19.2	0.68	550	1.13	2.72	7.8	2.5	610
N810169		1.62	15.30	0.17	0.9	0.214	1.65	9.7	56.7	0.49	868	1.10	1.70	6.1	1.6	580
N810170		2.17	14.20	0.21	0.9	0.082	2.17	20.1	156.0	1.18	1720	0.60	0.10	6.7	2.5	520
N810171		7.85	15.00	0.15	0.8	0.462	2.51	21.1	33.3	0.65	2600	1.69	0.04	6.0	2.8	460
N810172		0.47	0.34	0.17	<0.1	0.006	0.05	0.6	2.1	12.70	214	0.13	0.01	0.2	2.3	170
N810173		2.46	14.45	0.17	0.8	0.056	2.18	15.9	73.8	0.58	583	1.88	1.24	6.7	2.5	550
N810174		1.73	13.85	0.16	0.7	0.086	1.57	12.5	111.5	0.65	875	0.97	1.30	6.3	2.2	530
N810175		2.23	15.00	0.18	0.8	0.068	1.39	16.3	26.9	0.72	542	1.45	2.34	7.1	2.9	560
N810176		1.50	14.30	0.19	0.7	0.178	1.25	14.2	20.4	0.87	843	0.87	1.09	5.6	1.4	860
N810177		2.31	15.15	0.20	0.8	0.049	1.67	20.3	23.4	0.73	478	1.33	2.64	7.0	2.5	560
N810178		2.26	15.25	0.17	0.7	0.046	1.26	13.9	29.7	0.67	571	0.83	2.63	7.0	2.6	560
N810179		1.74	14.90	0.19	0.8	0.081	1.43	13.9	316	0.52	655	0.73	0.19	6.8	1.8	610
N810180		2.42	15.60	0.16	0.8	0.061	1.24	11.7	37.4	0.62	498	1.02	1.15	7.3	2.4	570
N810181		1.81	14.30	0.15	0.8	0.102	0.91	10.6	27.6	0.64	546	0.74	2.13	6.7	2.0	580
N810182		1.73	14.75	0.10	0.8	0.143	1.34	11.8	48.6	0.64	830	0.56	0.51	6.5	1.8	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12170288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810147		1325	171.5	0.004	3.07	32.5	9.2	1	6.2	150.5	0.57	0.30	11.4	0.202	2.57	4.9
N810148		18.8	93.0	<0.002	0.04	2.10	10.0	1	2.3	376	0.59	<0.05	11.3	0.246	1.09	3.3
N810149		350	122.0	0.002	1.24	14.80	10.5	1	2.9	153.5	0.61	0.54	14.7	0.238	1.46	4.7
N810150		20.0	84.3	0.003	0.07	3.31	9.8	<1	2.3	334	0.61	<0.05	10.9	0.238	1.18	3.3
N810151		58.2	74.7	0.003	0.18	14.85	9.7	1	2.2	132.0	0.50	<0.05	11.3	0.197	1.39	2.9
N810152		8.2	92.7	<0.002	0.12	28.0	9.9	1	2.1	103.0	0.60	<0.05	15.9	0.211	1.48	4.5
N810153		7.9	85.5	0.003	0.22	23.2	11.2	1	2.3	128.5	0.56	<0.05	12.7	0.220	1.46	2.4
N810154		8.6	87.8	<0.002	0.07	28.5	10.3	1	2.5	61.0	0.52	<0.05	13.3	0.242	1.26	2.2
N810155		2790	154.5	0.002	4.72	84.4	8.3	1	7.7	91.1	0.43	0.35	10.2	0.175	2.39	4.8
N810156		38.3	95.4	<0.002	0.45	31.0	11.0	1	3.2	86.1	0.61	<0.05	11.9	0.240	1.65	2.7
N810157		11.3	101.0	<0.002	0.20	18.10	11.3	1	2.7	81.0	0.65	<0.05	13.2	0.260	1.31	2.1
N810158		11.6	98.7	<0.002	0.18	22.5	11.6	1	3.0	78.8	0.65	<0.05	13.0	0.260	1.23	2.0
N810159		152.0	194.0	0.002	1.52	12.35	10.3	1	3.8	76.4	0.58	<0.05	13.3	0.204	2.73	4.8
N810160		35.7	177.5	0.004	1.06	16.50	11.1	1	3.4	106.0	0.61	<0.05	14.0	0.215	2.63	4.6
N810161		340	195.0	<0.002	5.15	26.4	9.2	<1	5.4	67.8	0.51	0.29	11.8	0.195	2.97	4.3
N810162		2.9	2.5	0.002	0.02	0.20	0.3	<1	0.2	49.8	<0.05	<0.05	0.3	<0.005	0.03	0.5
N810163		13.2	124.0	<0.002	0.27	10.75	9.5	1	2.1	208	0.60	<0.05	10.4	0.217	2.10	3.3
N810164		87.6	146.0	0.003	1.77	26.1	8.9	1	2.8	76.7	0.49	0.46	12.2	0.172	2.36	5.0
N810165		20.9	82.9	<0.002	0.30	15.75	10.9	1	3.2	127.5	0.69	0.05	13.0	0.233	1.58	3.1
N810166		71.9	148.0	<0.002	0.62	7.24	10.5	1	4.2	137.0	0.53	0.06	13.9	0.196	2.19	5.0
N810167		42.7	35.7	<0.002	0.07	3.93	10.0	1	3.1	420	0.67	0.05	9.7	0.249	0.86	2.7
N810168		40.0	40.9	<0.002	0.06	4.47	10.3	1	3.2	417	0.69	0.06	10.4	0.262	0.89	2.7
N810169		74.5	65.5	<0.002	0.16	5.02	9.2	<1	2.8	235	0.54	0.26	8.5	0.196	1.86	2.5
N810170		101.5	110.5	<0.002	0.27	10.85	10.0	1	2.6	184.0	0.56	<0.05	12.5	0.213	2.42	3.8
N810171		734	158.0	<0.002	6.00	81.0	9.2	1	5.3	69.0	0.44	0.11	9.2	0.194	2.70	3.8
N810172		2.8	2.7	<0.002	0.02	0.15	0.4	<1	0.2	42.2	<0.05	<0.05	0.2	0.005	0.03	0.5
N810173		69.2	77.3	<0.002	0.21	14.05	8.8	2	2.1	262	0.54	<0.05	8.0	0.230	1.54	2.4
N810174		29.9	59.6	<0.002	0.16	14.75	8.6	<1	2.2	258	0.50	<0.05	7.7	0.219	1.60	2.1
N810175		20.7	47.8	<0.002	0.04	6.98	9.9	1	2.3	371	0.54	<0.05	9.2	0.241	0.89	2.4
N810176		39.6	53.5	0.004	0.12	3.69	8.7	1	2.6	218	0.42	0.28	10.0	0.196	1.24	2.0
N810177		16.1	64.9	<0.002	0.02	2.93	10.7	1	2.5	428	0.49	<0.05	9.8	0.235	0.82	2.4
N810178		21.7	49.3	0.003	0.05	3.21	10.3	1	2.6	414	0.52	<0.05	8.4	0.229	0.78	2.3
N810179		17.0	59.9	<0.002	0.06	23.4	10.1	1	2.8	135.0	0.54	<0.05	10.4	0.224	1.35	2.0
N810180		18.1	37.6	0.003	0.05	8.08	9.9	1	3.3	229	0.57	<0.05	7.9	0.244	0.90	2.0
N810181		15.9	28.5	0.003	0.07	4.42	9.0	1	2.6	344	0.55	<0.05	7.5	0.227	0.73	1.9
N810182		10.9	46.0	0.002	0.14	12.00	8.4	<1	2.5	164.0	0.50	0.14	9.3	0.245	1.24	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12170288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810147		57	5.3	10.8	3010	39.1
N810148		68	1.9	14.4	41	27.5
N810149		66	6.1	14.9	557	27.3
N810150		68	1.7	13.1	50	27.5
N810151		70	1.9	11.1	156	27.3
N810152		68	2.4	13.0	49	27.9
N810153		75	2.8	12.7	51	26.5
N810154		69	2.7	13.6	42	27.9
N810155		56	5.1	9.3	5460	24.7
N810156		72	5.0	13.7	115	25.6
N810157		74	6.5	14.2	45	27.8
N810158		73	6.8	14.4	47	27.9
N810159		63	4.7	11.1	395	24.7
N810160		67	3.4	10.7	95	27.1
N810161		61	3.4	10.4	498	23.9
N810162		2	0.2	0.8	18	0.7
N810163		64	1.8	11.3	48	27.4
N810164		59	2.7	9.9	109	21.9
N810165		92	1.8	12.6	130	27.3
N810166		66	4.3	10.6	639	25.7
N810167		89	1.0	12.5	74	27.5
N810168		90	1.2	12.6	70	27.9
N810169		56	1.3	10.2	226	26.2
N810170		72	2.6	15.1	130	26.5
N810171		60	5.9	10.4	1060	19.5
N810172		3	0.1	0.8	16	<0.5
N810173		65	3.5	11.1	166	21.5
N810174		62	3.8	10.1	68	19.6
N810175		72	2.4	12.3	52	22.1
N810176		55	2.7	13.4	56	18.7
N810177		68	1.4	13.7	39	22.9
N810178		65	1.3	13.1	59	23.5
N810179		72	2.5	12.9	80	21.1
N810180		84	3.3	12.4	52	23.0
N810181		66	1.2	10.9	46	22.4
N810182		70	1.4	12.1	61	19.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 86

CERTIFICATE OF ANALYSIS WH12170288

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170289

Project: Klaza-51

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12170289

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813501		8.22	<0.005	0.11	7.23	9.7	2480	1.33	0.28	3.40	0.09	42.4	5.7	8	9.93	15.0
N813502		12.33	0.007	0.11	7.29	19.9	2110	1.47	0.37	3.08	0.08	53.1	5.3	7	10.65	4.8
N813503		4.35	0.026	0.40	7.46	21.1	1980	1.44	0.54	1.86	0.10	76.4	7.6	8	10.80	31.0
N813504		8.90	0.013	0.60	7.21	31.2	1790	1.34	0.91	1.79	3.17	71.2	7.4	7	13.70	13.1
N813505		7.72	<0.005	0.14	6.63	13.8	2100	1.35	0.22	2.54	0.20	50.5	3.8	7	13.40	4.0
N813506		0.26	4.27	>100	5.43	7630	420	1.02	61.8	1.95	227	34.4	8.3	18	11.00	1250
N813507		8.19	<0.005	0.22	7.09	16.9	2110	1.53	0.20	2.29	0.36	53.0	4.2	7	13.35	4.0
N813508		3.72	<0.005	0.35	7.43	20.8	1510	1.44	0.35	1.49	5.29	56.5	4.0	7	13.70	5.1
N813509		5.69	0.007	0.61	7.16	18.5	1820	1.36	0.27	1.59	9.92	65.6	4.1	6	11.70	6.7
N813510		7.39	0.085	1.02	7.18	59.4	1790	1.56	0.93	1.71	20.5	48.1	9.3	6	11.90	26.5
N813511		6.26	0.008	0.22	7.40	15.8	1930	1.23	0.25	1.67	1.58	43.1	4.6	7	11.50	4.3
N813512		4.06	0.036	0.51	7.11	27.5	1710	1.21	0.70	1.39	0.73	45.8	4.8	7	14.25	6.4
N813513		4.29	<0.005	0.25	7.08	17.1	1760	1.57	0.29	1.64	1.33	48.9	5.5	7	14.65	36.1
N813514		5.07	2.07	27.9	6.15	1195	350	1.25	51.3	0.61	159.0	47.4	9.8	6	7.77	389
N813515		3.28	<0.005	0.02	0.13	<5	30	0.05	0.04	20.4	0.13	1.22	1.6	3	0.34	2.1
N813516		4.86	0.241	0.90	7.59	42.1	1860	1.56	0.95	1.85	4.83	74.7	11.6	8	12.00	35.3
N813517		10.47	0.083	0.34	7.85	128.0	1910	1.71	0.46	1.47	0.42	44.0	5.5	8	21.2	22.5
N813518		7.63	<0.005	0.32	8.06	21.6	1840	1.76	0.38	1.96	0.14	59.6	5.9	8	12.85	43.6
N813519		0.26	4.47	>100	6.04	9160	160	1.04	54.9	2.05	241	28.7	9.6	19	10.55	1375
N813520		5.69	0.009	0.42	7.61	28.6	2810	1.59	0.49	2.90	0.47	54.6	5.4	8	12.25	27.2
N813521		2.93	0.421	1.03	8.01	771	3170	1.58	0.63	2.31	2.03	64.8	9.9	9	12.70	41.5
N813522		4.34	0.008	0.10	8.48	24.3	1100	1.74	0.18	1.72	0.19	45.2	6.1	9	11.80	22.8
N813523		8.95	0.413	3.27	6.28	339	410	1.25	3.82	1.80	27.4	41.7	5.9	11	11.95	57.2
N813524		2.13	<0.005	0.04	0.13	5	30	0.09	0.02	20.4	0.12	1.31	1.5	2	0.31	1.7
N813525		6.01	0.025	0.71	7.93	73.3	1640	1.60	0.63	2.71	1.44	55.5	7.1	8	14.50	31.9
N813526		4.36	0.029	0.36	8.09	83.6	3780	1.55	0.43	4.93	1.01	52.7	5.8	8	12.95	23.7
N813527		5.58	<0.005	0.14	7.48	18.0	2170	1.58	0.23	2.58	0.17	45.6	6.3	7	12.25	15.4
N813528		2.45	0.005	0.16	7.80	24.2	2330	1.63	0.27	2.59	0.17	46.2	5.7	8	12.35	17.4
N813529		5.14	0.388	1.12	7.81	1280	1610	1.56	0.58	4.24	5.14	48.5	5.3	7	15.85	26.9
N813530		12.17	0.013	0.49	7.13	35.4	2330	1.45	0.30	2.34	1.61	43.1	7.4	8	10.40	44.0
N813531		9.35	0.017	0.94	8.02	51.7	2370	1.69	0.37	2.20	5.95	48.4	5.9	8	15.30	35.1
N813532		<0.02	0.017	0.85	7.72	48.6	2280	1.69	0.37	2.06	5.88	47.9	6.4	8	15.30	27.2
N813533		7.00	<0.005	0.11	7.81	10.5	2350	1.72	0.14	2.33	0.13	49.6	7.0	8	11.50	5.3
N813534		3.66	0.008	1.68	8.16	42.2	710	1.56	0.32	1.36	5.65	62.7	6.0	8	14.75	11.8
N813535		11.56	0.007	0.47	7.92	56.7	2000	1.84	0.22	2.19	2.52	60.7	7.6	9	13.70	8.3
N813536		4.24	0.625	4.00	7.81	678	250	1.46	2.53	0.96	27.8	55.9	12.7	8	11.10	91.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12170289

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813501		3.17	15.25	0.13	1.4	0.065	2.88	22.0	45.8	0.77	805	1.54	0.11	6.9	2.9	650
N813502		3.68	15.15	0.14	1.3	0.051	2.52	30.0	36.9	0.76	807	1.12	0.72	6.6	2.8	570
N813503		3.81	15.95	0.15	1.2	0.066	2.65	50.4	138.5	0.72	1060	1.63	0.05	6.6	4.4	610
N813504		4.10	14.40	0.13	1.3	0.122	2.90	44.3	68.9	0.67	1090	1.32	0.09	6.2	2.8	580
N813505		2.73	14.50	0.12	1.6	0.040	2.85	27.9	24.3	0.61	538	1.27	1.14	6.4	2.2	480
N813506		8.25	11.60	0.10	1.1	4.50	2.22	16.3	29.8	0.62	3090	13.65	0.08	4.8	13.8	460
N813507		2.97	15.75	0.13	1.5	0.035	2.94	27.8	21.6	0.53	513	1.45	0.66	7.4	2.3	580
N813508		3.53	15.35	0.10	1.5	0.104	2.60	30.7	191.0	0.66	1170	1.24	0.05	6.7	2.5	600
N813509		2.42	14.40	0.11	1.4	0.123	2.93	37.6	107.5	0.62	909	3.70	0.06	5.7	2.7	540
N813510		2.96	14.95	0.10	1.3	0.714	2.80	25.8	98.8	0.70	1080	1.74	0.05	5.9	3.3	550
N813511		2.89	14.85	0.12	1.6	0.052	2.88	20.5	42.2	0.50	675	1.10	0.08	6.8	2.5	610
N813512		2.74	14.10	0.09	1.6	0.042	2.33	24.2	97.8	0.52	808	1.59	0.06	6.7	2.5	610
N813513		3.20	15.95	0.13	1.6	0.084	2.74	24.3	82.2	0.66	1170	1.38	0.05	7.1	2.6	580
N813514		7.38	15.55	0.13	1.3	3.22	2.96	26.3	11.2	0.46	1200	6.35	0.03	5.6	3.1	460
N813515		0.48	0.43	0.21	<0.1	0.005	0.05	0.6	1.6	12.25	226	0.12	0.01	0.3	2.5	190
N813516		3.52	16.55	0.16	1.3	0.166	3.25	47.6	47.5	0.81	1440	1.84	0.05	7.1	3.2	570
N813517		3.01	16.95	0.11	1.5	0.073	2.34	23.3	121.0	0.46	901	2.11	0.04	7.6	2.2	600
N813518		3.00	17.00	0.15	1.4	0.069	2.74	35.5	152.0	0.79	1060	1.39	0.04	5.7	2.5	590
N813519		8.58	12.55	0.09	1.1	4.52	2.47	14.5	31.3	0.65	3270	14.65	0.09	5.5	13.6	490
N813520		3.04	16.25	0.13	1.3	0.084	2.89	31.2	93.1	0.88	1180	1.46	0.04	5.6	2.4	590
N813521		3.06	16.30	0.12	1.4	0.052	2.76	39.9	109.5	0.83	1240	4.36	0.04	5.7	2.6	550
N813522		2.74	17.30	0.09	1.5	0.034	1.76	24.4	430	0.58	843	1.43	0.02	8.0	2.4	680
N813523		4.67	12.90	0.10	1.2	0.785	2.62	23.8	37.9	0.57	1860	10.40	0.03	5.6	2.9	400
N813524		0.50	0.45	0.20	<0.1	0.005	0.06	0.7	1.5	12.85	234	0.14	0.01	0.4	1.8	230
N813525		3.30	17.10	0.12	1.4	0.081	3.21	30.6	89.5	1.01	1570	2.90	0.04	7.3	2.3	610
N813526		3.78	16.20	0.11	1.2	0.088	2.78	29.8	91.7	1.72	3420	1.50	0.04	6.3	2.1	620
N813527		3.14	16.60	0.14	1.4	0.047	3.01	23.4	40.2	0.74	654	1.41	0.92	7.3	2.3	630
N813528		3.36	16.95	0.14	1.4	0.057	3.18	24.1	35.8	0.77	722	1.01	0.80	7.2	2.4	640
N813529		4.35	15.45	0.12	1.3	0.153	3.06	28.3	39.2	1.46	3460	2.52	0.04	6.2	2.1	550
N813530		2.89	16.10	0.10	1.5	0.092	2.62	22.2	56.4	0.54	919	0.82	0.06	6.8	2.2	550
N813531		3.78	17.15	0.13	1.3	0.194	3.10	26.7	67.1	0.87	1160	3.13	0.06	6.6	2.5	630
N813532		3.59	17.00	0.14	1.3	0.192	3.00	26.6	67.1	0.81	1100	1.98	0.05	6.7	2.5	590
N813533		3.38	16.50	0.14	1.4	0.026	3.02	26.7	35.4	0.75	468	0.76	0.41	7.3	2.1	640
N813534		5.01	16.95	0.14	1.4	0.149	3.15	36.5	32.9	0.64	745	0.76	0.05	6.8	2.4	610
N813535		3.57	17.15	0.15	1.5	0.112	3.43	34.0	40.1	0.69	1060	0.91	0.50	7.1	2.1	610
N813536		6.77	15.80	0.15	1.2	0.715	3.34	32.2	10.5	0.55	919	1.49	0.03	5.8	2.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12170289

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813501		16.7	92.3	<0.002	0.27	8.99	9.7	<1	2.0	134.5	0.57	<0.05	10.6	0.246	1.60	2.9
N813502		13.3	110.0	0.002	0.27	9.87	10.1	<1	2.0	189.0	0.58	<0.05	14.2	0.218	1.56	4.7
N813503		10.2	127.5	<0.002	0.66	31.1	11.7	1	2.3	102.5	0.51	0.15	12.4	0.229	1.93	4.1
N813504		130.5	144.0	<0.002	0.91	10.75	10.2	<1	2.1	120.5	0.55	<0.05	14.4	0.213	1.85	4.4
N813505		24.2	106.0	0.002	0.14	4.81	8.1	<1	1.7	214	0.69	<0.05	13.5	0.199	1.58	4.2
N813506		9560	136.0	0.002	7.10	215	7.2	<1	8.3	120.5	0.42	0.43	8.8	0.182	2.26	5.3
N813507		24.3	110.5	0.002	0.09	9.27	9.8	<1	1.7	165.0	0.70	<0.05	11.2	0.236	1.52	3.7
N813508		153.0	122.5	<0.002	0.35	15.90	10.9	<1	2.0	98.7	0.56	<0.05	13.4	0.237	2.07	4.7
N813509		280	151.0	0.002	0.38	21.1	9.5	<1	1.8	71.4	0.55	<0.05	14.6	0.191	2.57	6.5
N813510		96.4	155.0	0.002	0.87	19.70	10.0	<1	2.2	61.0	0.51	<0.05	13.8	0.195	2.27	5.3
N813511		69.3	104.5	0.004	0.13	12.90	9.7	<1	1.7	82.6	0.60	<0.05	11.8	0.252	1.61	3.6
N813512		51.4	95.7	0.003	0.21	27.5	9.9	<1	1.5	109.5	0.62	<0.05	12.9	0.237	1.56	5.4
N813513		83.4	128.0	<0.002	0.18	21.5	10.4	<1	1.8	116.5	0.62	<0.05	13.3	0.223	2.24	5.0
N813514		1105	200	0.002	6.50	53.2	9.1	<1	6.4	19.9	0.51	0.80	13.0	0.176	3.24	5.5
N813515		2.0	2.5	<0.002	0.01	0.14	0.5	1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N813516		74.5	175.5	<0.002	0.71	11.55	10.7	1	1.6	87.9	0.61	0.06	14.9	0.201	2.41	5.1
N813517		25.5	109.5	<0.002	0.33	24.0	11.4	1	1.3	101.5	0.65	<0.05	12.4	0.228	1.50	5.2
N813518		8.2	153.5	<0.002	0.37	23.6	11.4	1	1.0	90.5	0.54	<0.05	14.0	0.184	2.03	4.0
N813519		>10000	130.0	<0.002	7.56	233	7.4	2	8.1	125.0	0.45	0.42	7.5	0.189	2.05	4.8
N813520		28.7	152.0	<0.002	0.47	17.10	11.0	1	1.0	115.5	0.49	<0.05	12.4	0.180	2.25	5.2
N813521		60.0	162.5	<0.002	0.65	38.4	10.8	1	1.3	103.5	0.55	0.17	14.5	0.180	1.99	5.9
N813522		11.1	87.7	<0.002	0.21	36.1	12.0	1	1.0	193.5	0.67	<0.05	13.1	0.262	1.39	4.7
N813523		486	149.0	0.002	3.14	55.1	7.8	1	3.6	57.3	0.56	0.11	11.6	0.159	2.38	7.3
N813524		2.7	2.8	<0.002	0.03	0.17	0.5	1	<0.2	43.8	<0.05	<0.05	0.2	0.005	0.02	0.4
N813525		54.4	153.0	<0.002	0.60	12.40	11.5	1	1.5	105.5	0.62	0.13	12.8	0.225	2.74	7.4
N813526		29.6	148.5	<0.002	0.66	8.89	11.4	1	1.2	179.5	0.48	<0.05	9.9	0.217	2.25	5.3
N813527		19.9	120.5	<0.002	0.22	7.78	12.3	1	1.1	241	0.61	<0.05	11.9	0.236	1.72	5.2
N813528		18.3	130.0	<0.002	0.31	7.80	12.4	1	1.1	224	0.60	<0.05	11.7	0.240	1.88	5.6
N813529		217	168.5	<0.002	1.59	16.40	10.0	1	3.4	129.5	0.51	<0.05	11.8	0.200	2.94	6.1
N813530		52.3	101.0	<0.002	0.39	17.90	10.6	1	1.6	106.0	0.63	<0.05	12.1	0.209	1.75	4.4
N813531		177.5	141.0	<0.002	0.46	14.40	11.7	1	2.0	143.5	0.55	<0.05	11.6	0.217	2.25	5.2
N813532		154.0	142.5	<0.002	0.43	13.35	11.8	1	2.0	137.5	0.56	<0.05	11.5	0.214	2.19	5.1
N813533		16.5	105.5	<0.002	0.12	8.44	11.9	1	1.0	178.5	0.62	<0.05	11.3	0.236	1.41	3.7
N813534		415	145.5	<0.002	2.15	13.05	12.2	1	4.3	80.6	0.58	<0.05	12.1	0.228	2.27	4.9
N813535		118.0	147.5	<0.002	0.42	8.11	12.0	1	2.5	172.0	0.61	<0.05	12.7	0.219	2.26	5.2
N813536		611	178.0	<0.002	4.40	25.8	11.1	1	7.0	34.2	0.47	<0.05	11.1	0.195	2.96	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12170289

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N813501		72	4.4	12.9	52	34.6			
N813502		68	6.7	15.2	53	32.9			
N813503		73	4.1	17.2	60	31.3			
N813504		64	3.1	15.3	243	30.1			
N813505		56	1.9	12.4	49	37.1			
N813506		52	4.3	8.6	>10000	26.7	119		1.610
N813507		65	2.3	14.3	51	37.6			
N813508		66	3.8	13.4	368	35.8			
N813509		57	3.3	12.4	615	34.0			
N813510		62	3.3	12.2	1200	32.7			
N813511		69	3.4	12.3	140	38.0			
N813512		65	4.6	12.6	89	35.5			
N813513		63	3.3	13.8	126	39.3			
N813514		55	5.5	9.2	9680	29.7			
N813515		3	0.6	0.9	19	0.5			
N813516		68	2.9	14.4	385	40.5			
N813517		68	4.2	13.2	63	44.3			
N813518		66	1.8	12.4	65	39.7			
N813519		57	4.4	8.5	>10000	33.0	123	1.015	1.645
N813520		66	2.1	12.9	103	37.6			
N813521		65	2.5	13.3	206	41.1			
N813522		72	4.0	13.0	57	46.5			
N813523		50	4.0	8.3	2420	36.2			
N813524		3	0.2	0.9	21	<0.5			
N813525		69	3.2	14.7	162	43.0			
N813526		68	2.3	16.1	138	35.2			
N813527		73	1.7	14.5	56	42.3			
N813528		75	1.5	14.2	61	41.2			
N813529		60	4.4	13.1	595	38.5			
N813530		63	3.4	12.0	183	42.3			
N813531		70	2.8	12.8	470	38.4			
N813532		69	2.8	12.8	453	38.8			
N813533		72	1.8	14.2	53	40.3			
N813534		73	4.1	13.2	521	40.4			
N813535		71	2.7	14.0	310	44.7			
N813536		72	4.9	9.7	2240	36.6			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12170289

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12170300

Project: Klaza - 51

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

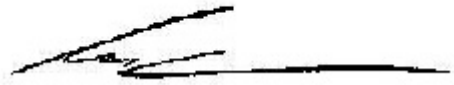
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 51

CERTIFICATE OF ANALYSIS WH12170300

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813559		4.00	0.022	0.22	7.38	36.4	2260	1.56	0.32	3.03	0.50	46.6	7.3	10	10.05	4.5
N813560		11.88	<0.005	0.17	7.76	6.1	2830	1.65	0.26	2.80	0.18	47.8	7.0	11	7.47	3.8
N813561		8.56	0.012	0.50	7.56	16.3	2540	1.65	0.52	3.28	0.34	38.5	8.3	10	11.40	52.6
N813562		4.25	0.536	2.42	7.10	560	460	1.53	2.70	2.52	13.45	39.0	6.7	8	13.75	52.7
N813563		4.69	<0.005	0.03	8.39	8.0	1740	1.33	0.10	1.05	0.12	48.0	6.4	11	9.86	4.9
N813564		2.08	<0.005	0.02	7.91	8.3	1670	1.29	0.10	1.03	0.13	38.0	6.4	8	8.97	5.5
N813565		12.45	<0.005	0.10	7.91	9.5	2110	1.42	0.22	1.44	0.56	47.1	5.6	9	8.21	5.2
N813566		12.50	<0.005	0.11	7.48	20.7	2430	1.57	0.17	2.69	0.47	38.0	5.0	9	7.12	7.2
N813567		12.61	<0.005	0.23	8.04	15.5	2410	1.52	0.35	1.97	0.45	47.0	5.5	9	10.20	6.3
N813568		0.24	4.50	>100	5.76	8770	140	1.09	53.4	1.96	231	28.1	9.5	19	10.35	1315
N813569		13.37	0.008	0.17	7.60	17.2	2240	1.53	0.18	2.34	0.26	43.4	5.1	9	9.99	5.5
N813570		9.23	0.012	0.16	7.35	34.5	2070	1.68	0.20	2.70	0.67	48.2	6.4	9	9.16	4.6
N813571		9.87	0.098	0.44	7.28	223	2210	1.51	0.19	3.04	0.83	44.3	6.4	9	12.20	5.0
N813572		4.34	0.185	1.19	7.63	342	2380	1.71	0.30	2.93	1.91	45.1	6.2	7	18.95	9.3
N813573		4.83	0.016	1.94	7.62	63.2	1970	1.65	3.43	1.87	3.23	54.2	4.5	7	17.45	19.9
N813574		11.82	0.472	16.15	5.38	599	1080	1.21	40.5	0.91	5.49	37.9	4.5	5	12.15	203
N813575		1.89	<0.005	0.08	0.11	<5	30	0.06	0.16	22.0	0.08	2.00	0.6	1	0.46	2.0
N813576		8.44	0.077	0.69	7.69	102.5	2400	1.70	0.98	2.28	1.39	59.7	4.4	8	11.00	13.0
N813577		10.58	0.011	0.20	7.32	19.3	2380	1.39	0.35	2.72	0.34	46.0	4.2	9	9.82	8.1
N813578		11.08	0.013	0.36	7.25	35.0	2250	1.53	0.66	2.42	0.87	57.2	3.6	8	11.85	7.6
N813579		4.77	0.337	8.17	6.79	568	1310	1.37	15.95	1.55	32.1	44.2	4.5	8	9.34	98.6
N813580		2.98	<0.005	0.03	0.08	<5	40	0.05	0.09	21.1	0.16	1.25	0.5	1	0.19	2.2
N813581		5.33	0.073	5.03	7.23	271	450	1.24	4.39	0.72	61.2	45.0	3.9	12	7.20	57.3
N813582		12.05	0.041	1.09	7.53	114.0	920	1.23	1.37	2.39	6.46	41.1	8.5	53	10.40	11.7
N813583		6.07	0.267	2.54	7.19	398	550	1.29	3.08	1.00	3.92	41.9	5.0	13	9.13	39.1
N813584		8.61	0.023	0.88	7.68	272	1350	1.43	0.77	2.64	1.24	48.7	3.3	8	19.20	91.4
N813585		14.44	<0.005	0.20	8.22	15.0	1730	1.32	0.23	1.28	0.25	50.2	3.0	8	10.90	9.1
N813586		3.96	0.055	1.35	6.96	117.0	1030	1.38	3.65	2.01	0.29	38.4	6.0	7	9.03	9.3
N813587		0.24	2.41	25.5	6.33	3700	1370	1.42	20.0	2.31	80.8	41.8	9.9	19	13.85	460
N813588		4.02	0.008	0.45	7.94	26.1	1830	1.62	0.89	2.29	0.47	43.4	5.5	8	12.15	6.7
N813589		5.05	0.027	0.23	8.03	96.9	1870	1.44	0.27	1.23	1.63	52.1	4.1	7	9.98	5.5
N813590		7.01	0.210	1.05	7.48	1450	1060	1.50	1.91	2.26	0.51	38.6	3.2	7	13.25	14.8
N813591		10.38	0.222	4.75	6.01	563	410	1.18	6.31	1.77	3.60	31.2	3.9	7	15.10	181.5
N813592		11.44	0.398	3.08	7.05	953	640	1.38	4.23	1.21	4.40	32.7	4.3	8	6.86	94.0
N813593		9.68	<0.005	0.17	8.20	13.2	820	1.52	0.32	2.46	0.13	41.4	2.8	8	9.69	9.6
N813594		<0.02	<0.005	0.17	7.80	12.5	850	1.47	0.35	2.40	0.11	35.2	2.8	8	9.05	9.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 51

CERTIFICATE OF ANALYSIS WH12170300

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813559		3.24	16.00	0.13	1.3	0.063	3.13	24.9	24.6	0.78	916	1.86	1.22	6.4	2.6	600
N813560		2.85	16.65	0.13	1.5	0.041	2.95	26.3	21.3	0.76	559	1.63	2.19	7.6	2.5	590
N813561		3.22	16.20	0.11	1.3	0.092	2.90	20.1	30.9	0.79	904	2.38	1.06	6.8	2.8	590
N813562		5.39	14.40	0.11	1.2	0.188	2.80	20.5	43.7	0.98	2080	7.05	0.04	6.2	2.5	520
N813563		2.88	17.60	0.13	1.6	0.036	2.48	25.5	53.1	0.38	568	2.06	0.08	8.4	2.2	630
N813564		2.74	16.85	0.09	1.6	0.034	2.31	19.0	46.9	0.36	543	1.73	0.08	8.2	2.2	590
N813565		2.63	16.60	0.11	1.6	0.057	2.54	25.4	39.7	0.44	631	1.11	0.29	7.6	2.3	570
N813566		2.71	16.35	0.12	1.3	0.064	3.03	18.9	19.9	0.74	762	1.24	1.41	6.6	2.5	600
N813567		3.06	16.50	0.13	1.3	0.060	2.90	24.8	116.0	0.59	636	0.86	0.42	6.9	2.3	640
N813568		8.21	12.25	0.13	1.0	4.42	2.35	14.2	31.6	0.62	3120	14.30	0.08	5.3	13.4	470
N813569		2.92	16.15	0.13	1.5	0.039	2.82	21.8	20.4	0.64	524	1.10	1.33	7.3	2.4	590
N813570		2.66	15.50	0.14	1.3	0.053	2.92	25.6	19.9	0.72	808	0.60	0.95	6.1	2.5	580
N813571		2.90	15.65	0.13	1.3	0.051	2.87	22.9	45.9	0.89	959	0.70	0.45	6.3	2.7	570
N813572		3.01	16.25	0.13	1.4	0.056	2.98	23.6	20.9	0.99	1200	1.03	0.05	7.3	2.6	590
N813573		4.32	16.70	0.15	1.3	0.129	2.87	30.7	124.0	0.85	1350	1.52	0.04	6.9	3.3	580
N813574		9.36	13.90	0.14	1.0	0.275	2.28	19.2	18.0	0.58	1960	2.79	0.02	5.3	1.9	400
N813575		0.51	0.36	0.14	<0.1	<0.005	0.06	1.1	1.7	13.15	245	0.09	0.01	0.2	1.8	170
N813576		3.17	17.65	0.20	1.4	0.098	3.38	30.8	35.6	0.72	992	0.83	0.09	6.8	2.7	590
N813577		3.08	16.35	0.18	1.5	0.054	3.30	24.4	16.2	0.74	862	0.81	1.28	7.5	2.7	570
N813578		3.17	16.00	0.20	1.6	0.079	3.58	30.6	23.5	0.71	1310	0.77	0.46	7.4	2.2	530
N813579		8.76	15.50	0.17	1.1	0.572	3.04	20.5	10.2	0.84	1950	1.92	0.03	5.9	4.9	530
N813580		0.50	0.27	0.17	<0.1	0.005	0.03	0.6	1.0	12.50	221	0.12	0.01	0.2	2.1	200
N813581		6.00	16.85	0.16	1.3	0.816	3.41	22.1	9.0	0.76	1960	1.01	0.04	6.2	4.1	570
N813582		5.08	17.15	0.15	2.0	0.199	3.46	24.4	15.7	1.34	2490	1.38	0.05	7.6	19.8	670
N813583		5.78	17.35	0.14	1.2	0.166	3.29	19.8	9.0	0.68	1860	1.91	0.04	6.0	5.3	550
N813584		2.88	17.40	0.17	1.2	0.115	3.25	21.7	22.4	0.87	1340	0.44	0.06	6.9	3.0	630
N813585		2.67	17.80	0.15	1.7	0.056	2.31	26.4	41.5	0.44	609	0.65	0.06	8.8	2.4	600
N813586		6.91	14.95	0.14	1.4	0.128	2.94	21.0	9.9	0.79	1660	0.76	0.04	6.9	2.7	490
N813587		7.05	14.85	0.16	0.9	1.585	2.70	25.2	22.5	0.94	2020	12.85	0.04	6.1	15.2	480
N813588		3.94	17.05	0.17	1.6	0.068	2.78	23.5	25.8	0.82	814	0.88	0.66	8.5	2.7	620
N813589		3.06	17.35	0.16	1.8	0.047	2.02	29.2	38.8	0.53	840	0.75	0.05	8.7	2.4	600
N813590		3.60	16.65	0.15	1.2	0.133	3.06	17.8	73.7	0.83	1760	2.20	0.06	7.0	2.4	570
N813591		4.29	14.15	0.12	0.9	0.186	2.48	14.3	19.6	0.71	2020	4.69	0.04	4.7	2.0	460
N813592		4.22	15.55	0.15	1.0	0.367	3.07	13.6	31.8	0.61	1490	3.24	0.06	5.9	2.1	510
N813593		2.28	19.15	0.15	1.4	0.097	1.10	17.9	44.7	0.62	608	0.52	0.46	8.7	2.0	660
N813594		2.20	18.00	0.13	1.4	0.089	1.09	15.8	40.9	0.59	591	0.47	0.47	8.6	2.1	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 51

CERTIFICATE OF ANALYSIS WH12170300

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813559		40.1	123.0	0.002	0.62	5.73	11.8	1	1.3	220	0.55	0.06	12.1	0.203	1.58	5.4
N813560		19.2	103.0	0.002	0.15	2.80	11.7	1	1.4	321	0.68	0.07	13.3	0.230	1.15	5.3
N813561		22.9	110.5	0.003	0.38	6.10	11.2	1	1.5	230	0.58	<0.05	10.7	0.216	1.50	5.9
N813562		442	154.5	0.006	2.24	19.10	9.9	1	2.5	121.5	0.51	0.06	10.1	0.195	2.25	6.0
N813563		14.2	108.0	0.002	0.04	22.5	12.3	1	1.6	76.1	0.75	<0.05	14.9	0.253	1.10	3.4
N813564		14.5	100.0	<0.002	0.04	21.4	12.1	1	1.7	73.5	0.73	<0.05	13.0	0.235	1.04	3.1
N813565		23.0	112.0	<0.002	0.15	17.75	11.2	1	1.3	94.2	0.75	<0.05	14.4	0.216	1.24	5.1
N813566		21.6	122.0	0.002	0.36	3.78	11.5	1	1.2	235	0.53	<0.05	10.5	0.213	1.61	4.5
N813567		16.4	105.5	<0.002	0.21	32.1	11.5	1	1.5	148.0	0.57	<0.05	10.7	0.225	1.36	3.9
N813568		9630	126.0	0.002	7.22	222	7.5	2	8.0	118.0	0.44	0.40	7.2	0.180	2.00	4.5
N813569		20.5	110.0	<0.002	0.12	6.38	11.1	1	1.5	245	0.65	<0.05	12.1	0.228	1.25	4.0
N813570		28.9	122.0	<0.002	0.46	5.19	9.7	1	1.4	196.0	0.53	<0.05	11.5	0.202	1.68	4.2
N813571		37.4	114.5	<0.002	0.55	8.03	10.9	1	1.3	198.5	0.54	<0.05	11.3	0.207	1.68	4.3
N813572		80.7	133.0	<0.002	0.84	10.15	11.6	1	1.4	204	0.62	<0.05	12.0	0.228	2.26	4.4
N813573		208	157.5	0.003	0.85	9.88	9.8	1	2.5	143.5	0.54	<0.05	14.6	0.217	2.50	4.9
N813574		357	134.0	0.002	6.88	50.3	7.0	1	6.8	97.6	0.40	0.29	10.4	0.148	2.27	4.2
N813575		3.1	3.0	0.002	0.02	0.22	0.3	<1	0.3	41.4	<0.05	<0.05	0.3	<0.005	<0.02	0.5
N813576		50.3	163.5	0.003	0.99	9.01	9.8	1	2.5	121.5	0.55	<0.05	16.0	0.197	2.62	6.5
N813577		24.4	117.5	0.002	0.28	4.17	8.7	<1	1.7	274	0.58	<0.05	12.8	0.231	1.86	4.4
N813578		37.3	142.0	0.004	0.41	6.65	8.1	<1	1.8	157.0	0.68	<0.05	16.8	0.191	2.73	5.9
N813579		797	183.5	<0.002	6.46	21.4	8.5	1	6.0	53.3	0.41	0.16	11.3	0.186	3.03	4.5
N813580		4.5	1.9	<0.002	0.02	0.11	0.2	<1	0.3	45.1	<0.05	<0.05	0.2	<0.005	0.02	0.6
N813581		1530	218	0.002	2.94	9.40	9.2	<1	5.0	28.6	0.48	<0.05	13.7	0.186	3.14	3.7
N813582		140.0	212	0.003	1.00	6.84	8.9	<1	3.4	79.8	0.60	<0.05	11.4	0.222	3.03	5.5
N813583		226	199.5	0.003	3.24	16.00	9.5	1	8.1	29.4	0.47	<0.05	12.8	0.198	3.19	4.1
N813584		40.7	171.5	0.002	0.62	28.5	11.2	1	3.0	65.2	0.49	0.05	13.7	0.217	3.26	5.6
N813585		16.0	105.5	0.002	0.09	22.2	9.9	1	2.0	75.7	0.73	<0.05	19.3	0.238	1.30	3.5
N813586		28.5	178.0	0.002	4.88	5.13	8.8	2	3.3	57.8	0.58	0.45	15.9	0.197	2.60	5.5
N813587		2950	166.0	0.002	5.00	91.5	7.9	1	8.5	92.2	0.45	0.36	12.5	0.182	2.60	5.8
N813588		42.2	115.5	0.002	0.42	5.81	10.1	<1	2.0	184.5	0.62	0.05	15.3	0.250	1.59	4.6
N813589		39.0	112.0	0.003	0.20	22.5	10.6	<1	1.9	72.1	0.77	<0.05	19.7	0.240	1.46	3.9
N813590		59.6	165.5	0.003	1.13	22.0	9.7	1	3.3	68.4	0.52	0.17	14.4	0.208	3.13	5.7
N813591		152.0	166.0	0.002	3.34	78.2	7.4	<1	4.8	40.3	0.35	0.15	12.4	0.146	2.59	4.6
N813592		171.0	206	0.005	1.95	43.8	8.9	1	4.2	52.7	0.45	0.23	13.2	0.180	3.07	4.8
N813593		13.2	50.1	0.003	0.06	15.50	10.7	1	2.9	138.5	0.65	<0.05	13.9	0.253	1.02	3.3
N813594		13.1	44.2	0.002	0.05	15.55	10.2	1	2.8	139.5	0.62	0.06	13.3	0.250	1.00	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 51

CERTIFICATE OF ANALYSIS WH12170300

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813559		66	1.8	13.1	93	39.0		
N813560		68	1.1	14.5	63	43.7		
N813561		67	2.0	13.9	81	39.4		
N813562		61	4.1	11.9	1380	36.9		
N813563		72	4.0	15.4	41	49.4		
N813564		67	3.5	13.6	39	48.0		
N813565		64	3.0	14.5	72	47.9		
N813566		71	1.3	11.6	88	39.1		
N813567		71	3.8	13.3	82	38.2		
N813568		54	4.3	8.0	>10000	32.1	120	1.610
N813569		68	2.2	13.3	59	43.7		
N813570		63	1.7	11.0	96	37.8		
N813571		65	1.9	12.7	100	37.9		
N813572		67	3.0	13.8	184	43.4		
N813573		64	3.8	12.5	383	39.9		
N813574		45	5.6	8.5	502	27.6		
N813575		2	0.1	0.8	16	0.5		
N813576		65	2.4	13.1	138	39.1		
N813577		66	1.5	12.2	70	44.8		
N813578		57	2.3	12.0	115	48.4		
N813579		60	4.9	10.7	2270	32.3		
N813580		1	0.1	0.8	20	<0.5		
N813581		66	4.3	7.1	4400	35.4		
N813582		73	4.8	9.1	559	53.7		
N813583		71	4.9	7.4	363	32.4		
N813584		91	2.8	12.8	130	31.7		
N813585		66	4.7	15.5	57	47.9		
N813586		57	4.7	11.7	58	37.7		
N813587		58	5.2	10.4	5540	27.3		
N813588		70	2.6	14.7	71	47.7		
N813589		66	4.5	16.2	140	50.0		
N813590		65	3.2	13.2	80	33.2		
N813591		49	5.3	8.3	308	24.9		
N813592		55	3.5	9.8	386	30.0		
N813593		72	1.9	14.8	43	40.4		
N813594		71	1.8	13.8	43	40.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza - 51

CERTIFICATE OF ANALYSIS WH12170300

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171400

Project: Klaza-51

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

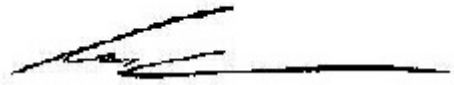
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171400

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813595		12.28	<0.005	0.18	7.81	13.8	1140	1.58	0.39	3.16	0.29	39.5	4.0	9	10.95	15.1
N813596		8.71	0.017	0.20	7.38	84.8	2010	1.53	0.27	2.33	0.61	44.1	4.5	8	13.90	4.3
N813597		0.21	2.41	25.8	6.24	3730	1630	1.27	19.60	2.27	80.1	45.4	10.2	19	13.90	457
N813598		11.23	0.023	0.25	7.39	135.5	1760	1.49	0.24	2.46	1.11	41.3	4.5	10	12.50	5.9
N813599		4.07	0.149	3.32	7.92	326	930	1.99	5.02	1.55	6.99	51.6	5.1	10	17.20	32.4
N813600		2.66	<0.005	0.03	0.09	10	30	0.07	0.06	21.8	0.15	1.20	0.6	1	0.20	3.1
N813601		9.35	0.008	0.15	6.85	11.3	1940	1.41	0.26	3.45	0.36	34.6	3.9	8	10.85	5.2
N813602		3.86	0.042	1.33	7.60	42.5	1490	1.62	2.91	2.52	1.96	40.6	4.8	9	13.15	15.6
N813603		10.20	<0.005	0.12	7.77	12.9	2030	1.44	0.20	2.37	0.33	40.6	4.4	9	11.25	8.1
N813604		11.76	<0.005	0.13	7.87	11.2	2040	1.28	0.23	1.24	0.22	54.6	6.1	8	10.80	8.5
N813605		7.77	<0.005	0.17	7.80	9.3	1430	1.38	0.20	2.25	0.34	36.3	3.7	7	11.70	13.6
N813606		8.29	<0.005	0.10	7.84	8.6	1170	1.42	0.17	1.77	0.21	40.1	3.1	8	10.75	1.9
N813607		4.61	0.261	2.18	7.50	282	930	1.38	2.05	2.33	16.00	47.4	3.6	8	9.46	64.7
N813608		5.86	0.035	2.00	8.14	69.6	920	1.50	2.85	1.95	7.55	45.0	3.1	7	9.75	58.8
N813609		9.25	<0.005	0.12	7.40	9.8	560	1.50	0.23	2.76	0.11	29.6	2.3	6	7.15	1.8
N813610		<0.02	<0.005	0.10	7.16	8.8	550	1.50	0.25	2.72	0.13	28.9	2.3	7	6.89	1.6
N813611		13.34	<0.005	0.30	6.96	13.2	620	1.59	0.44	3.31	0.56	30.0	1.6	9	9.52	22.0
N813612		6.51	<0.005	0.19	6.60	14.3	360	1.83	0.23	3.62	0.22	23.7	1.5	8	13.70	6.9
N813613		7.28	<0.005	0.19	6.64	12.8	580	1.62	0.30	3.25	0.43	22.7	1.0	7	8.76	2.7
N813614		3.68	0.018	1.64	7.07	33.1	580	1.41	3.17	2.84	8.87	25.7	2.3	7	7.53	30.2
N813615		8.06	<0.005	0.13	7.13	9.4	590	1.66	0.14	4.23	0.34	24.7	1.8	9	9.85	1.8
N813616		2.31	<0.005	0.14	7.12	9.6	650	1.74	0.14	4.38	0.42	25.6	1.9	10	10.15	2.7
N813617		12.21	0.015	0.17	7.37	20.0	900	1.77	0.18	2.86	0.99	29.0	3.0	8	11.20	3.8
N813618		11.19	<0.005	0.14	7.35	10.5	810	1.41	0.13	3.07	0.42	28.4	2.3	8	14.95	2.9
N813619		3.87	0.099	1.25	6.53	82.6	720	1.24	2.35	1.64	0.77	31.0	2.0	8	7.68	18.3
N813620		0.25	0.808	9.88	6.69	1925	230	1.42	6.08	1.89	40.7	39.9	15.4	19	14.50	106.5
N813621		7.77	0.157	1.36	7.48	83.2	440	1.49	2.29	1.28	2.79	35.1	2.5	9	8.71	23.4
N813622		6.47	0.012	0.68	7.65	29.3	520	1.63	0.75	0.84	1.32	33.6	2.6	8	5.68	26.2
N813623		5.40	0.104	1.62	6.77	100.0	690	1.62	2.26	1.22	8.54	32.0	4.8	6	22.2	58.2
N813624		5.80	0.028	1.35	7.27	53.9	1040	1.50	0.83	2.01	3.37	31.8	2.1	9	6.96	36.4
N813625		3.40	0.024	0.65	7.78	38.8	680	1.48	0.48	2.21	1.89	26.9	3.1	8	6.89	18.9
N813626		8.12	0.005	0.33	7.28	15.9	350	1.59	0.30	2.06	0.80	27.1	2.6	7	7.08	8.3
N813627		4.57	0.006	0.29	7.80	34.0	580	1.54	0.27	1.60	0.93	37.1	2.6	8	6.74	4.4
N813628		4.61	0.878	10.70	7.57	195.5	460	1.47	15.70	1.27	2.17	34.1	3.4	8	3.95	137.5
N813629		3.38	<0.005	0.06	0.09	<5	20	0.08	0.05	21.4	0.07	1.20	0.6	1	0.17	1.8
N813630		8.45	0.082	1.93	7.73	180.5	600	1.41	1.47	1.10	5.90	29.2	0.7	7	3.73	101.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813595		2.90	17.75	0.14	1.4	0.056	1.48	17.8	32.4	0.66	622	0.69	1.14	8.6	2.7	660
N813596		2.58	16.95	0.16	1.7	0.043	1.99	21.4	30.5	0.51	614	0.75	1.09	9.5	2.5	540
N813597		6.91	14.75	0.13	0.9	1.575	2.72	25.9	24.1	0.93	1980	13.30	0.04	6.2	15.9	470
N813598		2.80	16.05	0.16	1.4	0.039	2.46	19.7	26.6	0.67	626	0.77	1.61	8.7	2.4	590
N813599		4.75	17.80	0.17	1.4	0.125	2.61	30.8	130.0	0.71	1490	1.48	0.06	8.0	3.0	620
N813600		0.48	0.28	0.20	<0.1	<0.005	0.03	0.6	1.3	12.90	218	0.09	0.01	0.2	1.7	190
N813601		2.53	16.15	0.19	1.4	0.085	2.06	15.5	27.5	0.55	684	0.60	0.74	8.0	2.0	560
N813602		4.39	16.75	0.16	1.3	0.151	2.70	20.9	40.9	0.79	1380	0.96	0.74	7.8	2.7	600
N813603		3.06	16.75	0.18	1.5	0.051	2.85	20.2	31.6	0.65	628	0.71	0.99	8.8	2.4	590
N813604		2.79	17.00	0.16	1.3	0.037	1.96	31.1	59.0	0.49	752	0.89	0.11	8.4	3.0	640
N813605		2.11	17.65	0.14	1.2	0.061	1.96	16.4	57.9	0.72	854	0.56	0.06	6.5	2.3	610
N813606		2.32	18.10	0.16	1.3	0.062	1.50	18.7	167.0	0.50	661	0.50	0.04	7.5	2.3	660
N813607		4.53	17.15	0.16	1.3	0.531	2.91	23.7	122.0	0.68	1440	0.53	0.05	6.9	2.3	590
N813608		3.79	18.00	0.13	1.3	0.395	2.67	21.6	75.5	0.86	1330	0.36	0.05	6.8	2.1	610
N813609		1.34	16.25	0.09	1.3	0.141	1.18	10.7	51.1	0.54	626	0.31	0.38	7.2	1.6	620
N813610		1.35	15.50	0.11	1.2	0.144	1.21	10.0	51.9	0.52	619	0.34	0.37	6.9	1.5	610
N813611		1.59	14.55	0.09	1.1	0.077	0.86	10.6	46.2	0.68	636	0.30	2.31	6.8	1.6	600
N813612		0.90	15.25	0.09	1.0	0.091	0.48	7.7	198.5	0.50	476	0.26	2.05	7.1	1.6	620
N813613		1.27	14.55	0.08	1.0	0.143	0.92	6.3	270	0.47	681	0.22	0.50	6.7	1.2	630
N813614		2.36	14.10	0.07	1.0	0.557	2.19	8.3	51.7	0.58	1080	0.53	0.44	5.6	1.5	540
N813615		1.24	15.20	0.07	1.1	0.067	0.82	8.1	22.3	0.74	572	0.31	2.62	7.7	1.6	640
N813616		1.22	15.70	0.08	1.2	0.066	0.77	8.6	18.8	0.72	557	0.31	2.97	7.7	1.8	680
N813617		2.42	15.40	0.07	1.1	0.076	1.34	10.7	199.5	0.60	945	0.49	0.80	7.2	2.0	670
N813618		1.64	15.50	0.07	1.2	0.064	0.98	10.1	90.2	0.59	480	0.51	1.99	7.3	1.9	640
N813619		3.12	13.00	0.08	0.8	0.133	2.25	11.6	115.5	0.68	1220	0.40	0.06	5.3	1.4	510
N813620		5.25	13.85	0.08	1.4	0.809	2.75	20.3	23.3	0.67	2090	11.60	0.26	6.7	14.7	510
N813621		3.04	14.70	0.09	0.8	0.249	2.31	12.6	480	0.60	1100	0.62	0.06	6.5	1.4	660
N813622		1.80	14.80	0.08	0.9	0.120	2.93	10.8	289	0.42	700	0.74	0.07	6.1	0.9	360
N813623		3.62	13.90	0.11	1.0	0.243	2.43	10.9	97.2	0.59	949	0.64	0.05	5.8	1.5	350
N813624		2.06	13.80	0.07	1.0	0.227	2.79	11.3	121.5	0.77	982	0.56	0.05	6.4	2.4	440
N813625		1.61	15.45	0.09	1.1	0.124	2.26	9.2	58.1	0.74	861	0.47	0.07	6.2	1.7	470
N813626		1.28	15.75	0.09	1.0	0.106	1.24	8.2	174.0	0.42	678	0.19	0.04	7.3	1.3	650
N813627		1.48	16.35	0.08	1.0	0.142	2.46	11.5	89.1	0.60	735	0.31	0.08	7.7	1.4	520
N813628		4.40	15.15	0.10	0.7	0.202	3.31	10.2	14.0	0.50	701	1.16	0.05	5.9	0.9	80
N813629		0.49	0.26	0.05	<0.1	<0.005	0.03	0.5	1.7	12.55	229	0.10	<0.01	0.2	1.6	200
N813630		2.09	14.30	0.11	0.9	0.258	3.48	8.2	19.6	0.49	780	1.01	0.07	6.0	0.6	40

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813595		27.8	56.2	0.002	0.06	11.85	10.4	1	2.2	234	0.65	<0.05	12.2	0.272	0.97	3.9
N813596		43.9	85.3	0.002	0.13	13.90	9.0	<1	1.9	178.5	0.84	<0.05	16.0	0.229	1.22	5.0
N813597		2890	167.0	0.003	4.92	90.9	7.9	1	8.3	93.7	0.45	0.49	12.4	0.184	2.49	5.8
N813598		39.5	95.3	0.002	0.13	7.86	9.0	<1	1.7	275	0.69	<0.05	13.6	0.241	1.28	4.0
N813599		464	155.5	<0.002	1.84	21.6	11.1	<1	5.0	93.6	0.55	0.09	15.6	0.248	2.33	4.8
N813600		2.4	1.5	0.003	0.01	0.12	0.2	<1	0.3	47.1	<0.05	<0.05	0.2	<0.005	<0.02	1.0
N813601		20.6	74.8	0.003	0.15	12.05	8.4	1	2.0	184.0	0.64	<0.05	12.2	0.225	1.40	3.9
N813602		90.9	127.5	0.003	0.83	4.90	10.0	<1	3.0	180.0	0.56	0.06	13.1	0.241	1.98	4.7
N813603		18.9	108.5	<0.002	0.10	9.17	9.4	1	2.1	196.5	0.74	<0.05	14.7	0.247	1.47	4.9
N813604		14.1	98.3	0.004	0.12	30.0	10.8	1	1.5	90.5	0.59	<0.05	16.0	0.264	1.12	2.7
N813605		14.2	85.1	0.002	0.12	26.8	10.2	<1	1.8	66.4	0.49	<0.05	12.6	0.210	1.57	3.2
N813606		10.2	78.2	0.003	0.06	26.4	10.6	1	2.0	79.8	0.50	<0.05	14.5	0.234	1.28	2.9
N813607		187.5	202	0.002	2.15	20.2	10.0	<1	5.5	100.5	0.47	0.08	13.3	0.213	2.52	4.4
N813608		107.0	176.5	0.004	1.15	20.1	10.9	<1	3.6	75.4	0.52	0.07	15.8	0.209	2.46	3.8
N813609		8.5	42.6	<0.002	0.07	12.15	9.1	<1	2.3	127.5	0.65	<0.05	10.4	0.238	1.15	2.4
N813610		8.3	40.6	<0.002	0.08	11.40	8.7	<1	2.2	120.0	0.64	0.06	9.8	0.239	1.07	2.3
N813611		24.3	30.6	0.002	0.07	13.55	8.2	<1	2.5	360	0.63	<0.05	8.5	0.240	0.77	2.2
N813612		17.4	14.6	<0.002	0.05	15.95	7.9	1	2.4	375	0.60	<0.05	7.1	0.252	0.45	1.9
N813613		17.6	21.3	0.002	0.09	23.9	7.5	<1	2.4	184.5	0.58	0.08	7.4	0.247	0.90	1.9
N813614		58.9	107.5	0.004	0.76	7.74	7.5	<1	3.9	121.0	0.51	0.12	12.3	0.197	1.93	2.8
N813615		16.8	21.1	<0.002	0.03	3.54	8.6	<1	2.4	447	0.65	<0.05	7.0	0.274	0.72	2.1
N813616		19.2	20.1	<0.002	0.03	3.29	8.9	<1	2.5	494	0.68	<0.05	6.9	0.284	0.67	2.1
N813617		36.1	42.8	<0.002	0.11	13.15	9.0	<1	2.7	222	0.60	<0.05	7.4	0.271	1.07	2.5
N813618		23.7	33.0	<0.002	0.03	9.83	8.9	<1	2.5	333	0.63	<0.05	8.9	0.259	0.74	2.0
N813619		54.5	145.0	<0.002	1.38	33.3	8.1	<1	5.7	56.2	0.45	0.16	11.3	0.191	1.88	3.4
N813620		1300	142.0	<0.002	3.10	29.3	8.0	<1	5.9	147.5	0.59	0.49	10.0	0.210	2.28	4.6
N813621		68.4	153.5	<0.002	1.13	24.5	10.2	<1	5.5	92.9	0.53	0.22	10.8	0.245	2.01	4.7
N813622		32.7	191.0	<0.002	0.55	18.40	7.7	<1	3.4	73.9	0.61	0.21	16.2	0.208	2.50	3.7
N813623		137.5	151.5	<0.002	1.94	24.4	6.5	1	4.5	59.6	0.57	0.21	13.5	0.187	1.97	3.9
N813624		163.0	155.5	<0.002	0.58	16.35	9.2	<1	4.4	94.8	0.60	0.08	11.7	0.221	2.39	4.1
N813625		99.1	126.0	0.002	0.28	13.85	9.9	<1	3.3	89.1	0.54	0.10	11.5	0.217	2.00	3.1
N813626		43.5	51.9	<0.002	0.14	18.10	10.1	<1	2.7	95.1	0.63	0.07	8.4	0.265	1.21	2.5
N813627		34.3	138.5	<0.002	0.18	11.20	10.5	1	3.3	103.0	0.64	<0.05	12.4	0.292	2.03	3.9
N813628		208	234	<0.002	3.65	23.1	4.6	1	5.3	44.6	0.46	0.22	12.4	0.204	2.27	3.6
N813629		2.1	2.1	<0.002	0.02	0.18	0.2	<1	0.3	49.9	<0.05	<0.05	0.2	<0.005	0.02	0.7
N813630		107.5	222	0.004	1.11	16.10	3.4	1	5.2	51.7	0.53	0.06	14.1	0.205	2.57	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813595		77	1.7	14.1	64	41.4
N813596		64	1.7	16.1	83	47.5
N813597		58	5.1	9.8	5530	28.1
N813598		67	1.5	13.8	111	40.7
N813599		71	4.3	14.0	698	42.2
N813600		1	0.1	0.8	21	<0.5
N813601		62	2.1	12.8	62	42.3
N813602		69	3.5	12.2	200	39.2
N813603		67	2.8	14.9	68	44.5
N813604		68	4.3	16.0	65	40.4
N813605		74	2.0	13.8	82	34.0
N813606		68	3.0	14.7	61	37.6
N813607		68	5.4	12.3	1240	36.2
N813608		69	3.5	11.9	658	35.5
N813609		65	1.5	12.2	46	35.3
N813610		66	1.5	11.6	48	35.2
N813611		64	1.3	11.3	87	31.3
N813612		63	1.0	10.9	45	28.7
N813613		66	2.2	9.7	68	25.0
N813614		52	2.0	8.8	977	23.8
N813615		70	1.1	11.8	63	30.6
N813616		73	1.2	12.1	68	31.9
N813617		76	3.9	12.4	137	28.8
N813618		68	2.5	11.8	54	32.9
N813619		53	3.3	9.3	99	22.2
N813620		58	5.2	11.1	3160	37.7
N813621		61	4.3	11.2	300	20.3
N813622		44	2.5	10.6	140	22.9
N813623		46	3.6	8.1	620	23.4
N813624		58	2.6	10.2	294	26.2
N813625		61	1.3	11.8	178	26.5
N813626		68	1.8	10.1	80	24.1
N813627		67	2.3	14.2	104	23.6
N813628		35	4.6	9.9	198	18.1
N813629		2	0.1	0.8	18	<0.5
N813630		33	2.1	10.9	497	21.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171400

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171401

Project: Klaza-51

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

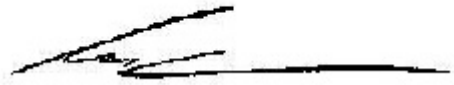
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171401

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813631		3.85	0.049	1.78	7.04	75.1	730	1.48	1.66	1.35	2.96	34.2	1.8	10	5.90	29.8
N813632		7.25	<0.005	0.22	6.75	8.7	340	1.48	0.44	3.40	0.29	22.7	1.3	10	7.17	34.0
N813633		5.07	0.093	0.74	7.22	665	350	1.54	0.47	3.03	1.64	29.2	1.5	5	8.14	17.4
N813634		0.22	0.765	10.00	6.55	1755	800	1.58	6.45	1.79	43.2	45.0	17.1	16	17.30	108.5
N813635		5.21	<0.005	0.30	7.26	23.7	610	1.17	0.25	2.09	0.75	31.4	0.9	6	7.24	3.6
N813636		5.61	1.095	20.6	7.04	2470	530	1.31	0.95	1.55	122.5	34.7	2.1	6	7.80	137.0
N813637		7.18	0.130	2.43	6.96	333	490	1.37	1.35	1.46	5.61	26.5	1.2	6	6.35	51.7
N813638		4.52	1.550	1.66	7.07	2850	470	1.41	0.30	1.48	15.60	29.5	1.5	5	6.38	16.9
N813639		4.52	0.060	1.01	7.26	109.0	560	1.39	0.87	1.19	4.71	30.5	0.6	5	7.81	28.1
N813640		10.49	0.028	1.23	6.57	73.4	520	1.55	0.28	2.79	6.13	26.3	3.3	6	8.55	7.1
N813641		3.28	0.090	3.44	6.87	136.0	1020	1.41	1.48	2.47	8.13	39.5	3.2	6	11.40	29.1
N813642		4.16	0.009	0.23	6.85	10.8	1420	1.46	0.18	2.43	0.49	42.6	4.6	6	11.45	5.5
N813643		2.23	0.005	0.40	7.33	11.3	1400	1.46	0.33	2.42	0.53	38.9	4.2	5	11.20	9.0
N813644		8.23	0.142	5.12	7.19	351	910	1.57	7.69	1.75	14.45	47.8	7.7	6	13.90	78.5
N813645		3.05	<0.005	0.03	0.13	<5	30	0.05	0.03	18.90	0.09	1.11	0.8	1	0.36	2.3
N813646		8.34	0.012	0.33	7.62	42.8	660	1.81	0.60	2.30	0.67	50.6	6.0	9	18.95	17.8
N813647		4.61	0.050	0.67	7.55	54.1	1240	1.74	0.79	2.10	4.80	55.9	5.7	8	18.60	28.3
N813648		9.15	0.005	0.14	7.57	12.2	1010	1.58	0.06	2.86	0.16	49.6	6.9	9	16.35	15.3
N813649		6.73	0.006	0.05	7.08	8.0	1420	1.66	0.06	3.11	0.05	46.2	6.6	9	15.40	13.7
N813650		<0.02	0.007	0.05	7.50	9.4	1410	1.56	0.05	3.14	0.06	51.7	6.7	9	16.15	14.0
N813651		10.85	<0.005	0.03	7.52	8.2	1120	1.81	0.05	3.26	0.08	54.0	6.9	10	21.8	17.1
N813652		4.54	<0.005	<0.01	0.08	<5	20	0.05	<0.01	21.7	0.06	1.43	1.4	1	0.22	2.0
N813653		5.75	0.073	0.57	7.42	166.5	830	1.64	0.40	2.65	2.64	51.6	6.8	9	23.4	25.3
N813654		7.91	0.007	0.18	7.38	28.2	590	1.69	0.09	3.83	0.72	50.3	6.0	8	18.40	12.2
N813655		6.23	<0.005	0.10	8.23	11.5	430	2.26	0.10	3.74	0.61	42.7	6.1	8	16.45	3.1
N813656		4.69	0.053	0.61	7.71	63.3	940	2.02	0.59	3.30	1.58	49.7	6.1	8	18.90	19.9
N813657		5.41	0.006	0.11	7.43	17.2	1130	2.26	0.13	3.36	0.41	41.6	6.2	7	15.50	11.3
N813658		0.27	2.27	24.4	6.17	3510	460	1.38	19.65	2.22	73.6	44.3	9.7	18	14.15	453
N813659		4.94	0.012	0.17	8.13	24.1	2660	1.84	0.17	3.45	0.45	52.0	6.9	8	18.70	8.9
N813660		4.99	0.147	0.55	7.00	113.0	390	1.68	0.62	2.35	1.14	43.3	7.2	8	24.9	12.5
N813661		7.45	0.014	0.12	7.55	29.1	2410	1.80	0.11	2.65	0.24	63.3	6.0	21	20.3	11.0
N813662		4.90	0.660	0.92	7.96	130.5	1760	1.84	1.27	2.58	6.79	49.8	5.5	9	22.1	28.3
N813663		7.37	0.005	0.08	7.68	13.5	1830	1.62	0.12	2.48	0.16	41.5	5.0	12	12.45	7.5
N813664		10.95	0.013	0.17	7.24	20.2	1210	1.65	0.20	2.40	0.51	44.5	3.4	9	15.45	2.8
N813665		6.37	0.235	1.93	8.13	175.0	1210	1.54	0.59	2.39	26.5	50.1	4.4	11	16.35	30.1
N813666		11.62	0.006	0.19	7.00	17.0	1530	1.30	0.18	2.09	0.28	31.3	3.5	10	10.20	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813631		2.24	16.05	0.13	1.0	0.259	2.63	11.2	63.9	0.54	666	0.77	0.05	6.9	1.4	340
N813632		1.70	16.45	0.08	1.0	0.194	1.42	8.2	93.8	0.64	568	0.26	0.49	7.8	1.5	500
N813633		1.82	15.75	0.10	0.8	0.259	1.55	9.9	158.5	0.88	863	0.27	0.14	6.8	1.3	470
N813634		4.98	15.40	0.09	1.2	0.984	2.70	22.1	25.4	0.66	1910	11.95	0.25	7.7	16.1	480
N813635		1.41	15.75	0.10	0.8	0.109	2.47	9.9	352	0.67	649	0.32	0.12	7.1	1.0	210
N813636		3.82	17.05	0.09	0.7	1.945	3.04	10.8	67.9	0.65	1250	0.73	0.05	6.4	1.3	280
N813637		2.23	15.10	0.08	0.7	0.337	2.85	7.5	101.0	0.28	742	0.64	0.07	6.6	0.8	160
N813638		1.68	15.00	0.11	0.8	0.307	3.01	9.1	76.1	0.42	746	0.67	0.07	6.7	1.0	130
N813639		1.75	14.55	0.11	0.9	0.281	3.02	10.2	51.3	0.41	970	1.10	0.06	6.5	0.7	60
N813640		1.45	16.20	0.10	0.9	0.142	2.07	8.2	143.0	0.50	648	0.48	0.78	7.7	1.3	380
N813641		1.90	15.75	0.09	1.0	0.134	2.08	16.7	403	0.73	686	0.59	0.09	7.2	2.6	560
N813642		2.51	15.15	0.11	1.3	0.059	2.20	21.1	25.8	0.69	515	0.60	1.35	7.9	2.6	530
N813643		2.61	14.95	0.10	1.2	0.053	2.19	17.0	26.8	0.72	492	0.54	1.41	7.8	2.3	570
N813644		4.20	15.80	0.10	1.2	0.467	2.68	22.4	60.0	0.68	661	1.39	0.08	7.4	2.8	560
N813645		0.43	0.32	0.14	<0.1	<0.005	0.06	0.5	1.6	11.65	198	0.18	0.01	0.1	2.7	170
N813646		3.56	16.30	0.06	1.3	0.070	2.10	30.6	441	0.91	1100	1.02	0.04	7.9	2.4	620
N813647		3.55	16.25	0.09	2.2	0.109	2.47	33.0	320	0.95	1280	7.30	0.06	9.0	2.7	610
N813648		2.64	18.00	0.08	3.4	0.034	2.23	28.2	570	1.06	596	1.54	0.07	10.3	3.8	790
N813649		2.43	17.05	0.08	3.3	0.029	2.16	25.4	530	1.03	496	0.43	0.07	10.0	3.8	740
N813650		2.47	18.60	0.10	3.4	0.034	2.20	29.2	540	1.06	498	0.47	0.07	10.5	4.1	750
N813651		2.50	17.40	0.08	3.5	0.029	2.63	31.1	286	1.08	541	0.77	0.06	10.2	3.6	740
N813652		0.47	0.31	<0.05	<0.1	<0.005	0.02	0.7	2.1	13.40	210	0.34	0.01	0.3	1.6	190
N813653		3.95	15.25	<0.05	1.7	0.091	2.74	30.9	52.1	1.02	1580	1.40	0.05	7.5	2.6	590
N813654		2.82	13.90	<0.05	1.3	0.033	1.82	30.3	740	1.28	1020	0.97	0.03	7.6	2.7	600
N813655		2.79	15.15	0.05	1.3	0.039	1.78	24.1	1150	1.21	1020	0.72	0.02	8.0	2.2	710
N813656		3.69	14.90	0.06	1.2	0.099	2.26	30.4	540	1.16	1440	1.23	0.04	7.7	2.4	620
N813657		3.02	15.25	0.05	1.2	0.042	1.88	23.3	740	1.06	1000	0.84	0.03	8.2	2.3	670
N813658		6.69	13.70	0.09	0.9	1.830	2.62	23.6	22.7	0.91	1890	12.20	0.04	5.8	13.2	450
N813659		2.93	15.45	0.07	1.2	0.041	2.03	31.5	890	1.15	949	1.08	0.03	8.0	2.3	640
N813660		3.09	14.60	0.06	1.1	0.061	2.71	24.0	43.9	0.84	1680	2.49	0.04	7.1	2.8	550
N813661		2.71	16.70	0.08	3.5	0.036	2.52	36.3	180.0	0.88	767	1.04	0.05	10.0	5.8	1290
N813662		3.18	15.15	0.09	1.3	0.206	3.21	29.7	22.7	0.93	1940	1.70	0.04	7.5	2.8	590
N813663		3.13	16.00	0.14	1.2	0.038	2.97	22.1	44.8	0.74	554	0.98	1.02	8.6	2.6	580
N813664		2.52	17.55	0.09	1.3	0.045	2.35	20.4	78.6	0.72	620	0.57	0.44	8.7	2.5	620
N813665		4.79	15.55	0.12	1.1	0.359	3.14	28.5	55.1	0.75	1950	1.93	0.18	7.8	2.5	620
N813666		2.42	15.70	0.13	1.1	0.047	2.13	14.2	99.4	0.61	674	1.41	0.09	7.8	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813631		205	190.5	<0.002	1.18	11.65	8.3	1	4.2	78.4	0.60	0.29	17.4	0.201	2.35	4.6
N813632		13.9	62.2	<0.002	0.09	6.92	9.5	1	3.5	230	0.75	0.08	11.5	0.221	1.41	2.5
N813633		87.2	83.9	<0.002	0.29	12.00	10.4	1	3.1	180.5	0.54	0.07	12.9	0.212	1.54	3.3
N813634		1255	160.5	0.003	2.90	31.7	9.1	1	5.7	148.0	0.59	0.31	11.5	0.196	2.48	5.2
N813635		38.0	149.0	0.002	0.11	4.41	8.6	1	3.1	110.5	0.55	0.05	11.4	0.216	2.41	3.1
N813636		2970	198.0	0.002	2.90	43.2	11.8	1	15.0	67.2	0.47	0.08	10.8	0.202	2.80	3.0
N813637		347	162.5	0.002	1.49	13.70	5.5	1	3.8	76.4	0.52	<0.05	10.1	0.202	2.71	2.5
N813638		557	182.5	0.002	0.71	13.75	6.0	1	2.9	75.1	0.63	<0.05	15.4	0.193	2.97	3.3
N813639		52.2	191.5	0.002	0.85	9.48	4.2	1	3.3	68.3	0.66	<0.05	15.3	0.180	2.50	2.7
N813640		139.0	114.5	0.003	0.31	6.06	9.1	1	3.6	202	0.59	<0.05	9.8	0.219	2.05	3.0
N813641		250	96.2	0.003	0.64	15.05	9.5	1	4.0	145.0	0.54	<0.05	10.6	0.223	1.94	3.8
N813642		28.9	85.1	0.002	0.11	3.50	9.2	1	1.5	282	0.68	<0.05	13.3	0.221	1.28	4.0
N813643		29.1	87.0	0.002	0.08	3.80	9.6	1	1.6	297	0.64	0.09	12.3	0.239	1.19	3.7
N813644		238	133.5	<0.002	2.03	17.30	10.3	1	4.1	117.0	0.56	0.05	11.6	0.233	1.85	3.7
N813645		1.7	2.4	0.003	0.01	<0.05	0.5	1	0.3	39.7	<0.05	<0.05	<0.2	0.005	<0.02	0.4
N813646		26.1	106.0	<0.002	0.46	23.3	10.1	<1	2.3	177.5	0.69	<0.05	14.6	0.246	1.90	4.5
N813647		150.5	129.5	<0.002	0.45	26.6	9.5	<1	2.7	309	0.76	<0.05	13.3	0.256	2.16	6.5
N813648		17.6	88.6	<0.002	0.18	9.86	7.7	<1	2.5	342	0.79	<0.05	9.7	0.300	2.19	5.0
N813649		13.2	71.8	<0.002	0.14	14.40	7.3	<1	2.5	352	0.83	<0.05	9.0	0.281	1.63	4.8
N813650		12.7	84.1	<0.002	0.14	15.05	7.6	<1	2.6	361	0.84	<0.05	9.6	0.282	1.67	4.9
N813651		9.9	116.5	<0.002	0.12	10.85	8.0	<1	2.8	321	0.81	<0.05	9.8	0.302	1.84	5.0
N813652		1.5	1.4	<0.002	0.01	0.05	0.3	<1	<0.2	53.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N813653		95.4	139.5	<0.002	1.18	17.70	9.2	<1	3.6	153.0	0.63	<0.05	11.9	0.245	2.39	5.0
N813654		32.2	90.1	<0.002	0.23	23.5	9.0	<1	2.2	254	0.69	<0.05	13.7	0.226	1.52	3.5
N813655		17.7	80.9	<0.002	0.11	21.2	10.0	<1	1.3	252	0.73	<0.05	14.3	0.273	1.41	2.6
N813656		61.5	112.0	<0.002	0.50	26.0	9.9	<1	2.1	205	0.63	<0.05	12.9	0.254	1.98	4.9
N813657		15.7	72.0	<0.002	0.15	26.8	10.2	<1	1.3	251	0.70	<0.05	11.4	0.265	1.41	3.7
N813658		2820	146.0	<0.002	5.03	89.3	7.8	<1	7.8	82.0	0.50	0.58	10.6	0.188	2.32	5.2
N813659		17.8	104.0	<0.002	0.29	21.3	10.7	<1	1.3	283	0.68	<0.05	13.7	0.265	1.63	3.5
N813660		69.5	144.5	<0.002	1.72	22.9	8.8	<1	1.7	284	0.60	<0.05	11.8	0.230	2.75	4.9
N813661		15.0	90.0	<0.002	0.27	18.65	6.2	<1	1.3	484	0.69	<0.05	8.6	0.344	1.67	3.3
N813662		85.9	177.5	<0.002	1.58	9.68	9.6	<1	2.2	185.5	0.68	<0.05	14.7	0.244	2.87	5.4
N813663		20.4	102.0	<0.002	0.10	4.74	10.7	<1	1.5	288	0.81	<0.05	13.3	0.265	1.48	4.3
N813664		35.1	85.4	<0.002	0.09	13.50	10.4	<1	1.7	196.0	0.77	<0.05	12.0	0.249	1.50	3.4
N813665		543	152.0	<0.002	2.12	15.55	11.1	<1	3.4	141.5	0.65	<0.05	14.0	0.266	2.46	4.2
N813666		24.1	69.8	<0.002	0.10	16.50	9.7	1	1.9	151.0	0.72	<0.05	10.5	0.249	1.35	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813631		47	2.9	11.8	265	25.4
N813632		56	0.9	11.5	43	30.2
N813633		55	1.9	12.1	133	24.7
N813634		55	5.1	11.5	2900	38.4
N813635		45	1.8	11.1	72	20.7
N813636		50	4.0	10.1	5060	19.1
N813637		36	2.7	9.4	351	19.0
N813638		35	1.6	11.7	954	20.8
N813639		27	3.2	11.2	390	22.3
N813640		49	1.8	10.8	285	25.3
N813641		64	3.5	12.2	435	31.2
N813642		60	2.1	13.6	55	37.5
N813643		65	1.8	13.5	57	34.6
N813644		66	3.8	12.3	736	32.4
N813645		4	0.2	0.8	14	<0.5
N813646		64	7.0	14.0	106	37.1
N813647		67	6.6	15.3	465	76.2
N813648		71	3.4	14.5	65	121.0
N813649		65	3.6	12.9	51	111.5
N813650		64	3.8	14.1	52	116.5
N813651		71	3.5	15.0	59	122.0
N813652		3	0.1	0.9	18	0.7
N813653		66	5.3	13.9	317	53.5
N813654		57	5.0	14.7	114	38.4
N813655		69	6.6	14.3	111	36.0
N813656		69	6.0	14.7	182	34.8
N813657		69	6.0	13.7	92	36.6
N813658		58	4.9	9.5	5540	24.6
N813659		69	6.4	15.1	88	34.7
N813660		63	6.0	13.1	158	35.7
N813661		62	2.2	10.3	90	134.5
N813662		64	3.2	14.2	635	41.2
N813663		72	1.3	14.9	50	31.1
N813664		69	2.1	14.5	65	38.4
N813665		74	3.9	14.8	2540	31.1
N813666		71	2.3	11.6	59	27.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2012
Account: ROCKHA

Project: Klaza-51

CERTIFICATE OF ANALYSIS WH12171401

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171402

Project: Klaza-80/51

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

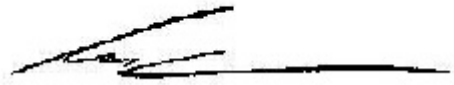
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-80/51

CERTIFICATE OF ANALYSIS WH12171402

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899681		4.21	0.076	3.31	7.59	797	630	1.37	6.31	1.60	27.9	48.4	1.6	10	6.83	26.3
M899682		10.76	0.425	12.35	6.27	2340	450	0.96	34.0	1.74	6.44	49.5	16.2	11	5.66	89.9
M899683		9.65	0.120	1.02	7.45	665	680	1.27	2.24	2.54	3.99	44.2	7.5	10	10.15	18.3
M899684		0.26	0.757	10.00	7.07	1830	2020	1.29	6.94	1.91	42.4	43.8	17.2	21	16.60	111.0
M899685		7.61	0.535	0.70	7.69	913	820	1.19	2.18	2.89	1.37	63.0	33.7	9	10.40	10.3
M899686		5.83	0.552	3.24	7.33	597	730	1.23	7.98	2.85	6.84	56.6	15.2	8	9.79	77.8
M899687		9.91	0.056	1.61	8.00	55.6	690	1.41	3.85	1.92	1.65	39.7	43.0	10	9.59	42.8
M899688		12.43	0.011	0.28	7.57	19.3	1370	1.44	0.76	2.40	0.87	43.5	7.8	11	12.40	8.7
M899689		<0.02	0.009	0.33	7.47	16.9	1340	1.29	0.79	2.35	0.77	43.3	7.8	11	12.25	8.9
M899690		10.84	0.014	0.71	7.54	28.5	1590	1.26	1.48	2.63	1.94	37.6	6.0	11	12.10	34.1
M899691		8.89	0.007	0.28	7.81	12.9	940	1.43	0.81	2.26	0.40	44.7	11.1	15	11.40	3.9
M899692		8.53	0.012	0.67	7.95	17.1	840	1.25	1.66	1.37	1.33	67.5	25.4	12	7.82	13.3
M899693		5.67	0.128	3.52	7.24	276	980	1.26	7.28	1.48	15.10	71.1	35.1	11	6.67	76.2
M899694		6.87	0.007	0.30	7.29	14.2	1450	1.36	0.93	2.57	0.55	41.1	7.8	13	9.99	6.9
N813537		8.74	0.064	0.64	7.38	330	2130	1.38	0.42	2.21	3.78	54.7	5.3	11	19.30	16.4
N813538		7.84	0.026	1.00	7.81	70.0	2000	1.57	0.65	2.08	4.97	48.8	8.6	11	15.00	16.5
N813539		4.28	<0.005	0.05	7.30	33.9	1720	2.12	0.19	2.29	0.23	52.3	6.9	24	19.95	5.4
N813540		9.02	0.049	0.87	7.29	64.3	2710	1.42	0.75	3.13	9.60	66.5	5.1	10	13.85	31.1
N813541		1.77	<0.005	0.02	0.13	<5	30	0.07	0.09	20.9	0.11	1.80	0.6	1	0.31	4.6
N813542		8.27	0.013	0.65	7.17	42.0	1900	1.52	1.44	2.27	0.23	48.1	8.8	10	11.95	63.2
N813543		6.43	<0.005	0.19	7.60	13.8	2120	1.68	0.39	2.61	0.12	46.2	4.1	10	11.45	10.4
N813544		5.44	0.010	0.28	7.23	22.0	2200	1.76	0.40	2.82	0.77	55.4	4.0	9	11.60	29.7
N813545		0.26	4.34	>100	5.61	7880	1430	1.02	62.4	1.88	227	29.1	8.8	18	10.90	1245
N813546		6.39	0.016	1.19	7.61	66.0	2760	1.68	0.99	3.03	0.77	62.5	5.4	9	13.90	117.0
N813547		6.88	0.007	0.36	7.50	26.1	2160	1.45	0.38	2.66	0.44	39.5	4.9	10	9.23	22.7
N813548		12.84	0.085	1.08	7.40	392	2160	1.62	0.37	2.30	3.69	43.5	6.1	10	8.47	13.0
N813549		4.99	<0.005	0.18	6.82	8.0	1530	1.22	0.29	6.17	0.22	45.3	5.5	8	7.24	4.4
N813550		3.21	0.085	2.96	7.04	120.0	1480	1.15	2.88	3.18	100.0	55.2	7.5	9	9.39	197.5
N813551		2.62	<0.005	0.04	0.15	<5	40	0.07	0.10	20.7	0.20	1.25	0.8	3	0.48	2.2
N813552		9.33	0.670	17.55	6.59	557	1660	1.07	28.9	0.88	24.9	33.0	14.4	9	6.03	471
N813553		6.56	0.056	2.73	7.82	87.9	1820	1.42	5.02	1.53	5.53	28.1	5.7	10	8.31	20.9
N813554		12.74	0.010	0.54	7.15	20.2	1960	1.35	1.50	2.74	1.31	41.8	8.7	9	9.12	12.2
N813555		11.46	<0.005	0.36	7.36	8.7	2130	1.54	0.94	2.66	0.11	51.3	5.9	11	10.65	12.3
N813556		11.62	0.006	0.11	7.11	17.2	2680	1.30	0.30	2.26	1.23	46.2	5.5	9	10.80	16.7
N813557		4.73	<0.005	0.04	7.30	5.7	2450	1.48	0.20	2.49	0.11	48.9	5.6	12	12.75	8.4
N813558		1.90	<0.005	0.13	7.83	7.6	2530	1.74	0.21	2.54	0.17	50.7	5.6	14	10.75	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-80/51

CERTIFICATE OF ANALYSIS WH12171402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899681		3.58	16.35	0.14	0.8	1.860	3.18	25.3	40.1	0.71	1970	9.14	0.05	6.4	1.8	550
M899682		8.77	16.00	0.14	0.8	0.642	2.59	28.6	15.6	0.75	1940	2.68	0.05	5.6	2.2	500
M899683		2.84	15.00	0.13	1.0	0.381	2.49	25.5	76.8	0.95	2570	2.99	0.12	6.4	2.6	560
M899684		5.32	15.30	0.10	1.4	0.894	2.69	26.3	24.7	0.70	2130	12.30	0.25	7.7	16.5	520
M899685		3.52	16.10	0.11	1.0	0.330	2.86	42.0	35.8	1.04	3550	1.71	0.08	6.0	4.4	570
M899686		4.03	18.50	0.13	1.0	0.586	2.66	31.4	50.7	1.00	2960	3.17	0.14	7.0	2.5	530
M899687		3.23	16.80	0.11	0.9	0.344	1.65	20.6	22.7	0.54	883	1.38	1.18	7.0	3.5	630
M899688		2.53	15.45	0.11	1.0	0.114	1.65	23.0	14.1	0.61	655	1.07	2.22	6.8	3.3	570
M899689		2.51	15.70	0.12	0.9	0.124	1.63	23.8	13.8	0.60	645	1.36	2.19	7.0	2.8	580
M899690		2.75	15.55	0.12	1.0	0.267	1.80	20.3	10.9	0.73	747	0.68	2.16	6.8	2.3	560
M899691		2.20	15.95	0.14	1.0	0.181	1.47	24.9	12.5	0.76	644	1.00	2.58	6.9	2.7	590
M899692		2.76	17.30	0.17	0.9	0.367	1.75	42.7	16.1	0.58	779	3.02	1.39	6.2	3.8	590
M899693		4.75	17.35	0.14	0.8	0.663	2.31	43.6	14.9	0.59	1040	4.51	0.26	5.8	5.1	540
M899694		2.45	15.30	0.12	1.2	0.339	1.78	23.4	9.6	0.69	730	1.14	1.90	6.2	2.4	510
N813537		3.15	14.90	0.15	1.3	0.104	2.96	38.3	23.5	0.87	1180	4.20	0.04	5.6	2.0	540
N813538		2.86	15.85	0.13	1.4	0.084	2.82	31.5	100.5	0.87	1150	2.78	0.03	5.7	2.6	640
N813539		2.70	18.40	0.15	4.2	0.034	2.38	29.0	317	0.88	662	0.45	0.04	10.9	8.6	1460
N813540		2.95	15.40	0.15	1.0	0.212	2.90	48.0	31.0	1.20	1880	1.37	0.03	5.7	3.0	550
N813541		0.46	0.29	0.11	<0.1	0.008	0.04	1.0	2.5	12.30	226	0.12	<0.01	0.2	1.7	180
N813542		2.39	15.65	0.14	1.4	0.122	3.07	30.0	30.2	0.85	877	3.23	0.04	6.1	3.1	560
N813543		3.11	16.10	0.12	1.4	0.043	2.73	25.2	33.5	0.70	610	1.14	0.55	6.9	2.4	610
N813544		2.91	16.00	0.14	1.2	0.053	2.83	32.9	36.0	0.86	777	0.67	0.16	5.7	2.2	550
N813545		7.71	12.55	0.10	1.1	4.24	2.14	16.1	29.3	0.60	3090	14.50	0.07	5.4	14.3	460
N813546		2.69	15.70	0.16	1.2	0.160	2.98	39.3	28.0	1.00	1320	5.17	0.04	5.4	2.8	550
N813547		2.75	15.95	0.14	1.3	0.072	2.92	21.8	36.9	0.71	737	1.40	0.07	6.5	2.5	610
N813548		3.18	16.60	0.12	1.3	0.072	2.99	25.4	36.0	0.69	672	1.71	0.07	6.4	2.5	600
N813549		2.10	14.35	0.12	1.1	0.036	2.64	27.6	46.8	0.78	975	4.21	0.03	5.1	2.3	560
N813550		4.45	14.30	0.13	1.2	0.619	3.03	35.7	21.4	0.92	2170	7.82	0.03	5.4	3.0	520
N813551		0.46	0.36	0.10	<0.1	0.005	0.06	0.7	1.8	12.30	223	0.22	0.01	0.2	2.5	190
N813552		6.40	14.15	0.13	1.1	0.657	2.90	17.9	9.6	0.54	1210	9.85	0.02	5.1	2.9	470
N813553		3.74	15.95	0.13	1.2	0.202	3.35	15.7	22.6	0.88	1320	6.79	0.03	5.4	3.0	570
N813554		2.88	15.10	0.07	1.3	0.108	3.38	20.8	25.1	0.77	1120	16.70	0.28	6.0	3.5	570
N813555		2.86	15.70	0.08	1.5	0.052	3.01	27.5	13.5	0.73	583	2.13	1.84	7.9	2.4	550
N813556		2.78	15.80	0.08	1.4	0.079	3.01	24.4	31.0	0.68	615	4.58	1.03	7.8	2.1	560
N813557		3.10	15.10	0.09	1.5	0.035	3.11	24.9	13.9	0.71	499	4.16	2.13	8.7	1.9	660
N813558		3.03	16.40	0.12	1.6	0.026	3.26	26.9	15.2	0.72	484	3.56	2.15	7.8	2.8	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-80/51

CERTIFICATE OF ANALYSIS WH12171402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M899681		89.3	195.5	0.008	0.67	4.04	10.9	1	9.9	71.0	0.56	0.12	14.1	0.205	3.28	3.6
M899682		253	131.5	0.003	8.21	14.15	8.1	1	16.1	58.7	0.51	0.53	10.3	0.190	2.72	2.7
M899683		48.2	135.0	0.002	1.32	10.40	9.6	<1	5.1	123.0	0.61	<0.05	13.7	0.210	2.96	5.6
M899684		1395	169.0	0.003	3.32	32.4	9.3	1	5.9	162.0	0.62	0.31	13.4	0.212	2.83	6.0
M899685		44.8	181.0	0.002	2.59	9.57	9.7	<1	4.6	101.5	0.55	0.14	14.9	0.195	3.37	5.4
M899686		114.5	154.5	0.002	3.08	16.85	10.5	1	10.7	107.5	0.60	0.27	14.2	0.213	2.97	5.2
M899687		51.2	74.6	0.003	1.78	9.90	10.6	1	5.1	174.0	0.61	0.22	11.8	0.245	1.89	3.2
M899688		23.8	66.9	0.004	0.47	5.20	9.6	1	2.4	410	0.61	<0.05	12.9	0.231	1.05	3.2
M899689		21.9	65.9	0.002	0.45	5.20	9.6	1	2.5	400	0.58	<0.05	12.8	0.233	1.06	3.2
M899690		40.8	72.4	0.002	0.69	5.71	9.7	1	3.3	379	0.58	0.09	12.4	0.214	1.05	3.5
M899691		15.7	58.7	0.003	0.52	4.62	9.8	1	2.5	358	0.61	0.05	13.5	0.226	1.06	3.0
M899692		30.7	83.2	0.006	0.99	8.44	10.2	1	4.8	173.5	0.54	0.12	16.6	0.209	1.49	3.2
M899693		409	116.5	0.007	2.77	11.65	9.6	1	10.7	67.5	0.50	0.25	12.6	0.190	1.88	3.5
M899694		23.0	81.3	<0.002	0.60	3.86	8.9	<1	2.7	270	0.64	0.07	16.5	0.174	1.43	4.8
N813537		96.7	174.0	0.006	0.76	19.00	9.4	<1	2.3	73.5	0.56	<0.05	15.3	0.195	2.57	5.7
N813538		112.5	143.0	0.002	0.68	19.90	9.8	1	2.2	122.5	0.46	0.06	11.2	0.210	2.54	6.2
N813539		10.7	64.8	0.002	0.05	18.30	5.8	<1	1.6	446	0.72	<0.05	7.7	0.367	1.65	4.4
N813540		131.0	171.5	0.004	0.90	13.10	9.6	1	2.3	105.5	0.49	<0.05	13.4	0.173	2.75	6.6
N813541		1.6	2.1	0.003	0.01	0.34	0.3	<1	0.4	42.1	<0.05	<0.05	0.2	<0.005	0.03	0.6
N813542		20.5	120.0	<0.002	0.68	19.05	8.7	<1	1.4	84.0	0.58	0.17	12.7	0.199	2.37	5.3
N813543		13.9	103.5	<0.002	0.22	7.22	9.8	<1	1.3	192.5	0.71	<0.05	12.2	0.210	1.69	5.3
N813544		36.0	104.0	<0.002	0.35	7.49	9.2	<1	1.5	137.5	0.52	<0.05	12.5	0.185	1.90	5.3
N813545		9430	125.0	0.002	7.34	219	7.3	1	8.4	124.0	0.43	0.38	8.3	0.185	2.21	5.6
N813546		34.5	149.0	0.003	0.63	19.25	9.2	<1	1.7	97.8	0.51	<0.05	13.3	0.171	2.50	5.4
N813547		29.1	104.5	0.003	0.37	10.20	9.2	<1	1.5	121.5	0.58	<0.05	10.7	0.216	1.75	4.4
N813548		227	132.0	0.002	0.56	10.75	9.2	1	1.7	129.5	0.62	<0.05	11.8	0.191	1.95	4.4
N813549		15.5	118.5	0.003	0.24	7.99	7.9	<1	1.2	196.5	0.46	<0.05	10.7	0.183	1.95	6.7
N813550		156.0	189.5	0.002	2.23	13.95	8.8	<1	4.9	95.4	0.49	0.08	13.0	0.191	2.78	5.6
N813551		2.0	3.4	0.002	0.02	0.32	0.4	<1	0.4	42.5	<0.05	<0.05	<0.2	0.005	0.03	0.5
N813552		265	174.5	0.004	6.11	55.5	8.1	1	6.1	50.9	0.53	0.66	11.6	0.165	2.79	4.1
N813553		77.3	199.5	0.004	1.42	9.81	9.5	1	2.9	57.2	0.51	0.18	15.1	0.191	3.11	5.6
N813554		54.8	142.5	0.003	0.63	9.07	9.6	1	1.7	119.0	0.50	0.18	12.6	0.185	2.66	6.2
N813555		19.3	113.0	<0.002	0.24	3.62	10.4	1	1.3	303	0.68	<0.05	13.2	0.228	1.47	5.2
N813556		22.9	109.5	0.002	0.20	10.85	10.2	1	1.2	219	0.65	0.05	12.8	0.227	1.53	4.4
N813557		18.2	108.5	0.002	0.07	4.05	11.6	1	1.3	352	0.68	<0.05	13.0	0.267	1.19	5.1
N813558		19.4	110.5	0.005	0.07	3.95	10.5	1	1.5	358	0.69	<0.05	12.8	0.264	1.25	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-80/51

CERTIFICATE OF ANALYSIS WH12171402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M899681		72	2.8	10.5	2350	18.9		
M899682		60	9.8	8.6	587	19.1		
M899683		69	3.0	13.0	389	25.6		
M899684		59	5.3	12.0	3090	39.9		
M899685		62	2.4	12.5	170	26.0		
M899686		61	6.2	13.9	626	25.7		
M899687		70	1.7	13.6	184	23.3		
M899688		66	1.3	14.3	121	24.4		
M899689		64	1.3	13.9	111	23.0		
M899690		59	1.4	14.5	204	24.9		
M899691		62	1.2	14.1	82	24.0		
M899692		69	1.7	15.2	163	23.4		
M899693		71	3.7	13.7	1310	21.3		
M899694		57	1.0	14.7	90	30.0		
N813537		65	2.9	11.0	305	35.5		
N813538		74	2.6	10.9	332	38.0		
N813539		68	2.0	9.9	83	178.5		
N813540		59	3.1	14.1	790	30.2		
N813541		2	0.1	0.9	18	1.0		
N813542		65	3.1	10.9	57	34.2		
N813543		69	1.7	12.0	49	34.3		
N813544		65	2.0	11.9	103	33.1		
N813545		53	4.3	8.5	>10000	31.6	123	1.635
N813546		62	2.4	13.4	99	32.4		
N813547		68	2.6	11.7	69	36.1		
N813548		64	2.1	11.0	306	36.0		
N813549		62	1.6	12.1	62	27.9		
N813550		63	3.4	10.0	7170	31.3		
N813551		3	0.1	0.8	22	<0.5		
N813552		51	5.1	6.9	2050	28.4		
N813553		61	3.8	7.1	483	33.0		
N813554		68	1.7	12.7	158	35.8		
N813555		65	1.3	15.9	45	41.3		
N813556		67	2.4	15.3	118	41.6		
N813557		74	1.3	17.8	42	41.0		
N813558		71	1.2	15.6	48	42.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-80/51

CERTIFICATE OF ANALYSIS WH12171402

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171403

Project: Klaza-82/88

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

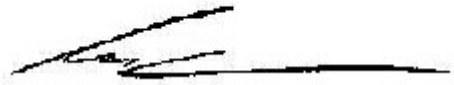
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82/88

CERTIFICATE OF ANALYSIS WH12171403

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810520		11.75	0.033	0.12	7.39	45.3	890	1.56	0.19	2.99	0.09	43.6	5.5	9	12.30	11.7
N810521		0.26	2.29	24.6	5.74	3590	770	1.28	18.20	2.08	75.0	41.8	10.0	18	12.70	413
N810522		14.27	0.089	0.23	7.14	98.7	2060	1.85	0.11	3.24	0.26	48.9	6.2	9	13.70	8.5
N810523		12.94	0.116	0.21	7.01	73.4	2080	1.74	0.09	2.77	0.13	45.9	5.6	8	13.70	9.4
N810524		7.46	0.010	0.08	7.00	15.6	1710	1.67	0.10	2.93	0.08	44.2	5.4	7	13.80	7.1
N810525		2.36	0.010	0.06	7.63	12.0	2600	1.83	0.11	3.24	0.08	46.6	5.7	8	15.15	9.5
N810526		8.64	0.128	0.49	7.39	63.8	3130	1.57	1.49	1.95	0.58	48.4	6.1	8	18.45	19.5
N810527		10.96	0.031	0.40	7.87	23.2	2090	1.57	0.84	2.33	0.55	46.5	6.8	9	9.52	7.8
N810528		6.84	0.016	0.50	7.28	25.9	1990	1.50	1.47	2.30	1.06	44.4	9.2	9	15.55	12.5
N810529		6.60	<0.005	0.13	7.54	12.2	2450	1.60	0.20	2.28	0.16	43.0	4.5	12	7.75	2.8
N810530		4.46	0.037	0.40	7.06	48.3	1900	1.34	0.97	1.95	0.96	36.5	4.6	8	10.55	9.9
N810531		7.78	0.009	0.18	7.18	13.3	2140	1.22	0.19	1.58	0.56	28.6	4.1	8	8.16	7.6
N810532		5.28	0.105	2.31	7.15	166.5	1380	1.55	4.51	2.02	1.44	39.8	6.3	8	13.90	49.2
N810533		2.81	<0.005	0.04	0.10	<5	30	0.07	0.03	20.6	0.06	1.51	0.6	1	0.22	1.9
N810534		3.78	0.022	0.09	7.73	8.5	2220	1.44	0.15	2.44	0.20	43.5	4.3	13	7.92	8.6
N810535		2.63	<0.005	0.04	7.05	2.7	2160	1.30	0.14	2.56	0.10	33.8	8.0	23	5.21	5.6
N810536		5.45	0.139	2.20	7.13	121.5	1700	1.33	6.66	2.10	2.25	41.3	8.6	10	14.15	52.1
N810537		6.10	<0.005	0.05	7.27	4.7	2220	1.37	0.15	2.62	0.13	38.3	8.5	13	5.52	6.8
N810538		7.74	<0.005	0.01	7.36	2.3	2090	1.42	0.09	2.58	0.09	39.8	8.9	14	5.25	5.8
N810539		8.90	<0.005	0.02	7.86	2.8	2100	1.44	0.09	2.73	0.07	44.5	8.6	12	5.15	5.8
N810540		6.52	<0.005	0.05	7.55	10.8	1610	1.34	0.26	2.23	0.12	39.3	7.8	11	12.55	8.5
N810541		0.26	4.39	>100	5.47	8260	330	1.00	52.3	1.89	222	31.1	9.3	19	10.65	1240
N810542		3.23	0.197	2.30	6.76	86.0	1270	1.28	3.30	2.60	3.58	41.0	10.0	9	11.70	30.4
N810543		5.53	0.009	0.59	7.20	33.1	1560	1.59	1.28	1.83	1.91	38.2	11.0	10	13.80	18.3
N810544		3.43	0.045	1.74	6.87	239	1070	1.23	1.24	3.56	10.10	42.7	11.2	9	9.80	11.2
N810545		2.29	<0.005	0.02	0.10	<5	40	0.06	0.03	19.80	0.09	1.49	1.3	2	0.25	2.1
N810546		3.73	0.021	1.17	7.26	101.0	1460	1.49	1.83	3.00	5.24	44.2	9.2	10	10.95	17.8
N810547		4.39	<0.005	0.22	7.20	28.1	1340	1.57	0.81	2.79	0.49	37.8	7.8	10	17.15	13.9
N810548		3.04	<0.005	0.08	7.63	17.1	1710	1.71	0.26	2.70	0.24	41.4	6.7	10	16.70	24.0
N810549		4.13	<0.005	0.19	7.40	85.7	1870	1.45	0.32	2.58	1.54	40.7	6.8	10	9.77	8.6
N810550		6.79	<0.005	0.04	7.39	4.2	2180	1.48	0.14	2.74	0.10	36.1	7.6	12	6.11	5.2
N810551		2.67	0.005	0.41	7.31	22.8	1860	1.41	1.42	2.28	0.29	39.7	11.0	10	9.79	11.4
N810552		4.02	<0.005	0.06	7.67	9.3	1460	1.15	0.38	1.60	0.23	37.7	8.4	9	10.50	8.6
N810553		2.47	<0.005	0.26	7.28	41.8	2570	1.50	0.77	2.40	0.40	45.7	8.5	11	14.70	14.3
N810554		7.03	<0.005	0.06	7.66	4.5	2070	1.55	0.25	2.33	0.10	39.2	8.4	11	9.82	5.3
N810555		<0.02	<0.005	0.05	8.01	4.7	2120	1.58	0.27	2.37	0.08	46.6	8.5	12	9.99	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82/88

CERTIFICATE OF ANALYSIS WH12171403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810520		2.47	15.40	0.10	3.1	0.028	2.68	22.2	39.1	0.95	706	2.39	0.03	8.2	3.7	730
N810521		6.28	12.60	0.08	0.9	1.465	2.49	24.4	21.3	0.84	1870	12.25	0.03	5.3	14.4	440
N810522		2.66	16.30	0.08	2.9	0.035	2.86	25.9	24.5	1.07	943	2.33	0.02	8.2	4.6	700
N810523		2.40	16.05	0.09	2.9	0.027	2.86	23.3	26.2	0.92	928	1.85	0.02	8.4	3.9	670
N810524		2.46	16.05	0.08	3.0	0.022	2.42	21.4	32.9	0.96	800	1.12	0.05	8.5	3.8	680
N810525		2.65	17.55	0.09	3.2	0.033	2.81	23.6	32.4	1.06	859	1.04	0.03	9.3	4.0	760
N810526		3.02	15.45	0.10	1.1	0.411	2.47	25.8	31.7	0.73	881	1.65	0.15	6.9	2.8	590
N810527		3.01	15.00	0.08	1.0	0.251	2.64	22.8	19.0	0.78	656	3.48	2.02	7.1	2.4	640
N810528		3.32	14.85	0.08	0.8	1.190	2.31	24.5	23.5	0.76	718	1.83	1.61	6.5	2.3	580
N810529		2.82	14.65	0.06	0.9	0.063	2.93	20.8	19.4	0.78	748	1.37	2.40	7.3	2.3	610
N810530		3.16	14.15	0.10	0.8	0.137	2.74	17.4	25.3	0.69	1020	1.22	0.27	6.7	2.3	560
N810531		2.83	15.20	0.14	0.9	0.073	2.84	11.7	24.8	0.49	814	1.30	0.43	7.5	2.1	610
N810532		3.50	15.35	0.10	1.1	0.205	2.89	19.5	23.3	0.67	1210	3.90	0.14	7.4	2.6	590
N810533		0.48	0.24	0.06	<0.1	0.005	0.03	0.7	1.3	12.15	218	0.11	0.01	0.2	1.8	190
N810534		2.77	16.75	0.14	0.9	0.084	2.86	22.5	13.4	0.76	620	1.56	2.28	8.3	3.9	570
N810535		2.86	16.10	0.13	1.4	0.039	2.65	17.4	11.5	0.80	687	0.79	2.06	7.9	3.4	550
N810536		3.46	15.75	0.14	1.3	0.108	2.65	21.1	47.6	0.68	1660	0.88	0.55	7.7	3.1	570
N810537		2.90	16.25	0.15	1.4	0.036	2.50	19.3	12.4	0.83	721	0.68	2.08	8.1	3.3	590
N810538		2.97	16.80	0.15	1.3	0.037	2.52	19.6	16.5	0.86	687	0.73	2.15	8.0	3.6	580
N810539		2.96	16.60	0.15	1.3	0.037	2.52	22.8	14.1	0.90	696	0.70	2.12	8.1	3.3	620
N810540		2.85	17.30	0.16	1.4	0.037	2.43	20.0	49.8	0.70	746	0.75	0.95	8.2	3.2	600
N810541		8.02	12.95	0.18	1.0	4.78	2.25	16.3	27.9	0.62	3040	15.90	0.08	5.6	14.6	450
N810542		3.93	14.80	0.13	1.2	0.136	2.78	21.8	33.7	0.95	1810	1.42	0.16	7.2	3.2	520
N810543		3.29	17.00	0.12	1.3	0.080	2.91	20.3	37.2	0.68	1580	1.76	0.07	7.6	3.2	570
N810544		3.96	15.35	0.15	1.2	0.233	3.03	23.7	15.4	1.19	4510	1.40	0.03	7.0	3.0	510
N810545		0.48	0.32	0.11	<0.1	0.005	0.04	0.7	1.0	12.70	224	0.20	0.01	0.5	2.5	200
N810546		3.30	15.80	0.16	1.4	0.115	3.24	23.3	11.7	1.05	2710	2.90	0.05	8.1	3.1	550
N810547		2.78	16.30	0.15	1.5	0.042	3.05	19.3	37.3	0.79	988	1.47	0.55	8.5	3.1	580
N810548		3.01	17.20	0.15	1.5	0.077	2.46	21.0	92.0	0.85	902	1.04	1.04	8.7	3.0	630
N810549		3.33	16.90	0.16	1.4	0.130	2.93	20.8	26.2	0.82	1250	1.16	1.46	8.1	3.3	590
N810550		3.00	17.50	0.15	1.3	0.041	2.66	18.5	16.6	0.78	636	1.01	2.08	7.9	3.1	600
N810551		3.11	16.60	0.16	1.3	0.047	2.69	20.2	25.8	0.87	972	1.21	0.23	7.6	5.1	580
N810552		2.94	17.45	0.15	1.4	0.038	2.08	19.8	45.6	0.63	858	1.24	0.07	8.6	3.0	630
N810553		2.98	16.55	0.16	1.4	0.049	2.54	24.1	47.6	0.83	959	3.53	0.31	8.0	3.6	630
N810554		3.04	18.25	0.16	1.4	0.040	2.59	19.5	20.4	0.71	649	2.31	1.64	8.1	3.3	630
N810555		3.19	18.55	0.18	1.3	0.041	2.65	23.2	20.4	0.75	663	1.62	1.67	8.3	3.6	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82/88

CERTIFICATE OF ANALYSIS WH12171403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810520		18.2	120.5	<0.002	0.26	12.30	6.0	<1	2.0	190.0	0.70	<0.05	8.5	0.265	2.65	5.4
N810521		2570	149.0	0.002	4.58	81.2	7.5	<1	7.6	88.0	0.43	0.39	9.5	0.178	2.17	4.8
N810522		23.4	141.5	<0.002	0.53	7.18	6.3	<1	1.6	376	0.68	<0.05	8.6	0.247	2.91	5.6
N810523		18.5	130.5	<0.002	0.55	8.09	6.3	1	1.7	279	0.68	<0.05	8.1	0.246	3.01	5.2
N810524		13.4	106.5	0.002	0.12	5.61	6.3	<1	1.4	380	0.69	<0.05	7.9	0.254	2.42	5.4
N810525		12.3	114.5	<0.002	0.11	7.37	7.1	<1	1.8	433	0.72	<0.05	8.3	0.291	2.57	5.8
N810526		24.7	130.0	<0.002	0.65	15.95	9.4	1	3.1	150.0	0.60	0.07	12.1	0.224	1.84	4.0
N810527		34.9	98.6	0.002	0.34	5.05	9.9	<1	2.2	355	0.62	<0.05	11.9	0.257	1.17	3.7
N810528		48.9	104.0	<0.002	0.81	11.15	9.0	1	3.6	257	0.58	0.29	12.2	0.239	1.31	3.8
N810529		18.2	89.5	<0.002	0.05	3.37	8.8	<1	1.9	409	0.66	<0.05	10.2	0.257	1.03	3.5
N810530		33.6	82.5	<0.002	0.53	9.30	8.0	<1	2.3	131.0	0.60	0.12	9.4	0.232	1.65	2.7
N810531		23.3	66.5	0.002	0.10	11.50	7.2	<1	2.1	162.5	0.65	<0.05	7.5	0.263	1.39	2.4
N810532		78.9	103.5	0.002	1.30	24.6	8.8	<1	3.7	124.0	0.62	0.05	9.6	0.246	2.09	5.3
N810533		1.6	1.6	<0.002	0.02	0.16	0.2	<1	0.3	52.6	<0.05	<0.05	<0.2	<0.005	0.02	0.9
N810534		20.8	102.0	<0.002	0.05	3.30	10.5	1	1.4	388	0.71	<0.05	14.0	0.246	1.18	5.2
N810535		18.6	82.1	<0.002	0.03	0.70	10.3	1	1.5	348	0.69	<0.05	11.3	0.255	1.05	4.8
N810536		117.0	107.5	<0.002	0.67	16.75	11.5	1	1.9	160.0	0.67	0.21	12.7	0.252	1.69	4.9
N810537		19.1	83.1	<0.002	0.04	0.97	11.7	1	1.5	358	0.72	<0.05	12.3	0.256	1.00	4.5
N810538		17.5	84.3	<0.002	0.01	0.43	12.4	1	1.6	374	0.70	<0.05	12.4	0.260	0.91	3.4
N810539		17.3	90.8	<0.002	0.04	0.73	12.5	1	1.7	373	0.69	<0.05	14.3	0.269	0.93	4.3
N810540		14.7	84.8	<0.002	0.10	8.94	12.1	1	2.2	220	0.73	<0.05	14.0	0.267	1.28	4.9
N810541		9330	129.0	<0.002	6.95	209	7.2	2	8.2	120.0	0.46	0.48	9.2	0.177	2.13	5.8
N810542		141.5	126.0	<0.002	0.89	20.9	10.2	1	1.9	92.9	0.63	<0.05	13.1	0.234	2.04	5.1
N810543		78.9	129.5	<0.002	0.40	13.65	12.4	1	2.3	73.9	0.67	<0.05	14.2	0.254	2.18	6.2
N810544		281	207	<0.002	1.41	13.80	10.3	1	1.7	82.6	0.62	<0.05	14.7	0.222	2.83	6.2
N810545		2.5	2.3	<0.002	0.02	0.06	0.3	1	<0.2	50.9	<0.05	<0.05	0.2	<0.005	0.02	0.9
N810546		219	182.5	<0.002	0.96	10.85	11.2	1	1.7	80.1	0.78	<0.05	15.7	0.244	2.86	7.1
N810547		23.6	112.0	<0.002	0.27	7.50	10.8	1	1.7	159.0	0.79	<0.05	13.8	0.264	2.10	5.6
N810548		22.0	96.1	<0.002	0.13	9.31	12.7	1	2.1	284	0.88	<0.05	13.8	0.270	1.64	7.5
N810549		36.2	121.5	0.002	0.27	6.70	11.8	1	1.6	283	0.77	<0.05	13.4	0.260	1.72	5.0
N810550		19.0	83.4	<0.002	0.02	2.00	12.0	1	1.7	374	0.71	<0.05	12.3	0.266	1.06	4.4
N810551		32.1	114.5	<0.002	0.59	10.35	12.0	1	1.8	99.9	0.65	<0.05	14.2	0.251	1.71	5.7
N810552		14.8	76.3	<0.002	0.08	15.15	13.6	1	1.8	79.1	0.78	<0.05	14.7	0.269	1.06	3.8
N810553		22.3	109.0	<0.002	0.32	19.45	13.5	1	2.1	120.5	0.74	<0.05	14.9	0.262	1.72	9.3
N810554		18.8	88.6	<0.002	0.03	4.39	12.9	1	1.8	309	0.73	<0.05	11.9	0.278	1.15	3.8
N810555		19.0	95.9	<0.002	0.03	4.40	13.7	1	1.9	315	0.74	<0.05	13.7	0.290	1.18	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82/88

CERTIFICATE OF ANALYSIS WH12171403

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810520		66	4.4	11.8	62	100.5		
N810521		56	5.0	8.9	5090	23.4		
N810522		63	7.7	12.6	70	104.0		
N810523		61	8.7	12.0	61	100.0		
N810524		63	2.6	12.2	56	107.0		
N810525		72	2.3	13.4	65	119.5		
N810526		66	3.2	16.6	94	32.1		
N810527		73	1.7	16.3	84	23.2		
N810528		66	2.7	14.4	130	20.8		
N810529		70	1.0	14.7	56	21.4		
N810530		67	3.4	12.0	118	20.8		
N810531		75	3.3	10.3	80	22.1		
N810532		69	4.1	12.5	153	27.3		
N810533		2	0.1	0.9	17	<0.5		
N810534		67	1.2	18.3	47	25.9		
N810535		71	3.2	15.1	53	37.7		
N810536		71	4.5	15.7	278	33.5		
N810537		73	1.6	16.9	59	35.7		
N810538		74	1.5	17.2	54	34.5		
N810539		76	1.3	18.0	52	33.3		
N810540		75	3.5	15.9	52	37.1		
N810541		52	4.4	10.2	>10000	32.4	120	1.625
N810542		68	3.5	16.3	366	30.8		
N810543		73	3.7	14.9	282	32.9		
N810544		64	2.9	15.9	772	30.5		
N810545		2	0.1	1.0	19	<0.5		
N810546		69	2.6	16.0	403	36.3		
N810547		75	4.0	15.2	96	39.4		
N810548		76	3.0	17.2	73	37.9		
N810549		72	2.6	16.0	217	34.0		
N810550		76	1.6	15.4	51	32.5		
N810551		74	2.8	16.3	65	33.7		
N810552		72	9.9	16.8	68	34.7		
N810553		74	4.3	17.1	72	34.2		
N810554		76	3.7	15.5	54	35.1		
N810555		79	3.9	16.8	54	33.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-82/88

CERTIFICATE OF ANALYSIS WH12171403

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171404

Project: Klaza-85/87

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

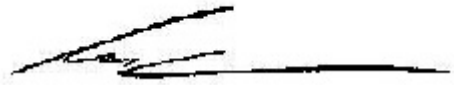
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-85/87

CERTIFICATE OF ANALYSIS WH12171404

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N810183		6.31	<0.005	0.17	7.05	13.1	490	1.49	0.24	4.77	0.88	35.5	2.5	8	10.35	3.2
N810184		5.62	0.140	4.21	7.53	115.0	1290	1.56	6.99	2.24	3.05	38.0	5.1	9	11.10	179.0
N810185		0.20	0.735	9.14	6.84	1870	450	1.47	6.06	1.88	41.1	39.5	18.6	20	14.35	116.5
N810186		11.55	0.010	0.19	7.11	15.5	1470	1.68	0.26	2.51	0.21	30.0	5.0	10	13.50	22.9
N810187		8.85	<0.005	0.11	7.66	12.5	1360	1.63	0.12	3.20	0.24	39.1	3.5	10	18.00	7.0
N810188		5.75	0.005	0.29	7.75	21.9	1430	1.54	0.53	2.02	2.88	38.6	3.9	9	17.35	19.7
N810189		6.91	0.443	4.80	7.02	417	900	1.29	7.47	2.04	2.70	36.9	9.5	9	9.52	119.0
N810190		1.11	<0.005	0.02	0.09	<5	160	0.05	0.03	19.65	0.07	1.22	1.3	2	0.18	3.0
N810191		7.33	0.015	0.40	7.37	89.7	510	1.30	0.41	1.84	1.34	34.4	3.3	9	9.10	3.1
N810192		4.63	0.008	0.66	7.29	78.3	470	1.65	0.44	2.15	1.99	26.4	2.7	12	8.82	14.6
N810193		3.17	0.029	0.20	7.62	25.8	830	1.52	0.15	3.65	0.76	35.6	4.0	12	9.44	6.2
N810194		3.39	0.045	0.25	7.19	35.9	800	1.56	0.13	3.81	0.77	31.4	4.1	13	9.37	6.2
N810195		5.96	0.006	0.15	7.34	57.6	1560	1.56	0.15	2.19	1.24	32.7	3.5	16	11.45	3.4
N810196		3.28	0.051	1.23	7.82	102.0	1790	1.52	2.37	1.43	0.90	40.3	4.2	9	10.95	38.9
N810197		4.32	<0.005	0.04	7.70	15.2	840	1.31	1.64	8.51	0.27	36.1	7.0	7	14.80	2.3
N810198		3.23	0.012	0.18	6.82	34.7	2970	1.82	1.12	4.28	0.54	35.6	7.7	8	23.2	9.5
N810199		2.95	<0.005	0.03	6.13	4.5	2330	1.33	0.16	3.81	0.16	36.7	8.1	8	11.00	3.5
N810200		4.79	<0.005	0.09	6.91	3.5	1690	1.32	0.09	2.90	0.11	37.4	8.1	10	10.10	6.8
N810201		4.69	<0.005	0.10	7.30	5.4	1880	1.35	0.32	2.82	0.15	41.7	8.9	9	9.47	8.3
N810202		0.22	0.805	9.18	6.89	1705	1650	1.43	5.81	1.93	38.0	42.3	16.7	20	16.20	109.5
N810203		5.19	<0.005	0.15	7.11	4.5	2150	1.39	0.40	2.71	0.17	38.6	8.6	11	7.78	5.3
N810204		3.24	<0.005	0.14	7.67	3.0	1890	1.40	0.76	3.21	0.10	49.5	9.7	15	8.56	11.2
N810205		2.47	<0.005	0.11	7.70	2.9	2100	1.49	0.73	3.01	0.10	43.0	9.7	10	8.84	9.4
N810206		<0.02	<0.005	0.10	7.57	3.4	2070	1.62	0.65	2.98	0.11	43.8	9.2	12	8.57	7.9
N810207		3.50	<0.005	0.09	6.74	7.9	1130	1.28	0.66	3.30	0.15	39.7	8.2	9	14.90	7.5
N810208		4.60	<0.005	0.10	7.24	4.6	1850	1.38	0.49	2.65	0.09	40.4	8.7	13	10.30	7.6
N810209		1.68	<0.005	0.14	6.94	8.2	1160	1.28	0.32	3.24	0.09	39.5	8.0	12	15.20	5.8
N810210		2.17	<0.005	0.11	7.18	5.0	1720	1.34	0.47	2.77	0.10	37.9	8.4	11	15.70	7.0
N810211		2.15	0.250	3.18	7.16	35.5	1610	1.46	2.61	2.76	0.44	38.8	9.7	10	27.3	174.5
N810212		2.14	<0.005	0.02	0.07	<5	20	0.05	0.03	20.5	0.07	1.45	1.2	1	0.23	1.2
N810213		2.85	<0.005	0.24	7.19	19.9	1450	1.56	0.60	2.87	0.21	40.4	8.8	9	24.0	12.5
N810214		1.70	<0.005	0.03	7.50	30.1	1170	1.35	0.09	3.49	0.31	69.4	9.5	33	31.0	4.0
N810215		3.63	<0.005	0.13	6.86	8.7	3070	1.30	0.22	3.93	0.14	42.3	8.4	9	14.95	11.0
N810216		5.48	0.435	0.33	7.28	20.5	1550	1.16	0.93	2.01	0.05	37.8	13.6	9	13.00	5.4
N810217		4.54	0.012	0.24	7.35	23.7	840	1.37	0.49	1.81	0.65	42.4	8.0	8	15.15	3.2
N810218		3.50	<0.005	0.14	7.83	11.9	1270	1.44	0.27	2.75	0.42	44.0	8.1	10	26.2	6.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-85/87

CERTIFICATE OF ANALYSIS WH12171404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810183		2.05	17.80	0.14	0.8	0.151	1.49	13.3	35.5	0.80	1060	0.86	0.80	8.4	2.0	700
N810184		4.48	17.85	0.16	0.7	0.383	2.11	18.5	47.1	0.92	1680	1.28	0.07	7.6	3.3	640
N810185		5.28	16.10	0.18	1.3	0.971	2.83	21.1	25.2	0.70	2000	13.35	0.26	7.6	17.5	510
N810186		2.36	17.80	0.13	0.8	0.101	1.47	14.2	292	0.70	679	47.6	0.08	7.7	3.4	670
N810187		2.58	17.85	0.15	0.8	0.060	1.54	19.2	77.6	0.64	457	1.72	1.83	8.0	3.1	630
N810188		3.37	18.55	0.16	0.9	0.205	2.04	19.6	150.5	0.64	685	1.56	0.34	8.5	2.6	610
N810189		3.95	16.35	0.19	0.6	0.308	2.69	15.9	60.1	0.88	1740	0.78	0.07	5.1	2.2	500
N810190		0.48	0.30	0.11	<0.1	0.005	0.03	0.6	1.2	12.60	221	0.15	<0.01	0.4	2.8	180
N810191		1.80	16.85	0.19	0.7	0.248	1.84	13.0	146.0	0.68	767	0.38	0.10	6.3	1.8	610
N810192		1.74	19.15	0.18	0.9	0.158	1.04	10.5	192.0	0.56	690	0.60	0.09	8.6	2.5	810
N810193		2.24	18.50	0.17	0.9	0.078	1.04	15.8	50.7	0.87	640	0.81	1.21	8.1	3.2	780
N810194		2.15	18.75	0.16	0.9	0.079	0.98	13.5	49.5	0.81	653	0.78	1.40	8.3	3.1	790
N810195		2.46	18.00	0.14	0.8	0.086	2.05	15.4	156.0	0.70	501	0.42	0.37	7.4	2.7	640
N810196		3.84	18.25	0.18	0.8	0.195	3.00	21.0	65.5	0.58	683	1.69	0.16	7.1	2.9	610
N810197		4.31	26.7	0.13	1.1	0.099	1.16	15.8	21.2	0.57	1400	0.18	0.87	8.2	2.6	630
N810198		2.77	18.05	0.11	1.1	0.070	2.05	15.7	44.0	0.65	1560	0.19	0.88	7.7	2.8	630
N810199		2.71	15.10	0.11	1.1	0.032	1.78	17.5	17.3	0.87	941	0.25	1.75	6.6	2.5	500
N810200		2.85	15.15	0.11	1.1	0.035	2.03	17.5	15.4	0.72	747	0.74	2.02	7.5	2.6	590
N810201		2.89	15.80	0.13	1.0	0.038	1.96	20.0	16.3	0.87	770	0.39	2.03	7.8	2.8	610
N810202		5.28	14.45	0.13	1.2	0.856	2.81	21.6	25.4	0.70	2010	11.65	0.27	7.6	15.1	500
N810203		2.95	15.85	0.11	1.0	0.036	2.17	17.9	15.8	0.84	835	0.97	2.12	7.9	3.0	600
N810204		3.35	16.00	0.14	1.1	0.042	2.27	23.9	11.7	1.00	987	2.85	2.10	8.2	3.2	690
N810205		3.44	16.45	0.15	1.0	0.039	2.22	20.0	12.4	0.94	886	2.43	2.08	8.6	3.1	730
N810206		3.37	15.80	0.10	1.0	0.038	2.17	19.5	13.5	0.92	865	1.78	2.04	8.3	3.0	710
N810207		2.92	15.25	0.12	0.9	0.038	2.38	18.6	49.5	0.85	1360	0.73	0.97	7.7	2.9	620
N810208		3.17	15.95	0.12	0.9	0.037	2.46	19.1	16.6	0.77	732	0.70	1.90	7.7	2.8	630
N810209		2.93	15.10	0.14	0.9	0.038	2.77	19.3	21.9	0.90	1160	0.37	0.91	7.2	2.7	580
N810210		3.15	15.60	0.13	0.9	0.037	2.40	17.6	24.3	0.77	902	0.44	1.73	7.6	3.0	620
N810211		3.27	15.60	0.13	1.0	0.084	2.52	18.0	33.0	0.68	962	0.63	1.56	7.5	2.9	600
N810212		0.48	0.28	<0.05	<0.1	<0.005	0.03	0.7	1.1	12.90	210	0.09	0.01	0.3	2.7	590
N810213		2.90	15.50	0.11	0.9	0.047	2.88	19.1	44.0	0.92	907	1.25	1.23	7.5	4.3	640
N810214		3.48	18.50	0.13	3.8	0.035	2.08	32.9	74.0	1.14	729	0.59	1.15	12.0	12.3	1660
N810215		3.05	14.55	0.12	1.0	0.040	2.64	20.9	46.2	1.17	1140	1.37	0.60	7.3	3.1	600
N810216		5.30	15.55	0.12	0.8	0.111	2.93	19.9	27.7	0.85	2060	0.41	0.48	7.3	2.5	620
N810217		5.86	16.90	0.15	0.9	0.187	3.32	22.6	56.0	0.92	3040	0.47	0.03	7.2	2.7	590
N810218		3.47	15.40	0.11	0.9	0.054	2.56	22.2	369	0.92	2000	0.34	0.04	7.4	2.7	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-85/87

CERTIFICATE OF ANALYSIS WH12171404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810183		27.3	56.3	<0.002	0.13	5.07	12.8	1	2.6	211	0.60	<0.05	9.0	0.260	1.36	3.5
N810184		152.5	83.1	<0.002	1.15	27.9	13.0	1	3.2	94.2	0.58	0.07	10.5	0.260	1.91	3.6
N810185		1340	153.0	<0.002	3.09	33.4	10.2	1	5.7	148.5	0.65	0.26	13.1	0.208	2.50	5.7
N810186		14.9	41.5	0.007	0.15	30.1	12.0	1	2.3	166.5	0.58	0.06	9.2	0.266	1.20	2.7
N810187		20.3	57.9	<0.002	0.03	12.65	12.9	1	2.2	368	0.63	<0.05	11.7	0.272	0.84	3.0
N810188		28.5	76.0	<0.002	0.12	19.75	14.1	1	2.8	159.0	0.64	<0.05	11.7	0.287	1.36	3.1
N810189		254	174.5	<0.002	1.99	39.2	11.4	1	5.9	100.5	0.41	0.21	11.5	0.174	2.37	4.0
N810190		2.2	1.6	<0.002	0.02	0.28	0.3	<1	<0.2	45.6	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N810191		78.1	94.8	<0.002	0.21	22.3	12.2	1	2.3	102.0	0.48	<0.05	11.7	0.211	1.69	4.2
N810192		97.2	34.0	<0.002	0.14	25.6	14.1	1	3.1	108.0	0.62	<0.05	7.7	0.306	0.95	2.6
N810193		25.1	35.2	<0.002	0.11	9.67	14.3	1	2.5	291	0.59	<0.05	9.5	0.304	0.85	3.0
N810194		31.4	29.7	<0.002	0.15	11.50	13.6	1	2.6	306	0.60	<0.05	7.7	0.311	0.80	2.5
N810195		31.9	66.3	<0.002	0.08	18.15	13.1	1	2.2	163.0	0.58	<0.05	10.4	0.254	1.27	2.7
N810196		85.3	141.0	<0.002	1.44	21.1	12.9	1	4.8	106.5	0.54	<0.05	11.8	0.249	1.96	3.2
N810197		32.0	28.1	<0.002	0.01	28.7	11.5	1	2.2	912	0.60	<0.05	9.4	0.284	0.74	3.7
N810198		26.5	78.2	<0.002	0.30	13.15	11.1	1	3.3	341	0.55	<0.05	9.9	0.276	1.73	4.4
N810199		16.2	64.3	<0.002	0.04	4.09	8.9	1	1.5	335	0.47	<0.05	12.3	0.225	0.97	2.3
N810200		18.2	64.9	<0.002	0.01	2.52	11.2	1	1.5	378	0.53	<0.05	9.3	0.264	0.79	2.4
N810201		21.5	70.1	<0.002	0.02	4.04	12.1	1	2.6	428	0.56	<0.05	10.6	0.270	0.83	3.0
N810202		1325	153.5	<0.002	3.06	30.4	8.9	1	5.3	152.0	0.57	0.27	11.5	0.203	2.33	4.9
N810203		19.6	69.7	<0.002	0.01	1.76	12.0	1	1.3	421	0.61	<0.05	10.8	0.267	0.77	3.6
N810204		15.7	78.9	<0.002	0.01	1.73	14.1	1	1.4	415	0.58	<0.05	12.1	0.297	0.82	3.7
N810205		15.2	81.9	<0.002	0.01	1.68	13.5	1	1.4	430	0.65	<0.05	11.8	0.301	0.92	4.0
N810206		15.2	77.6	<0.002	<0.01	1.65	13.5	1	1.4	425	0.64	<0.05	11.6	0.294	0.89	4.1
N810207		9.8	95.3	<0.002	0.05	7.68	12.2	1	1.2	223	0.52	<0.05	9.3	0.273	1.48	3.4
N810208		15.8	78.8	<0.002	0.01	2.80	12.3	1	1.3	400	0.54	<0.05	9.6	0.280	0.96	3.1
N810209		12.5	110.0	<0.002	0.09	6.92	11.1	1	1.2	250	0.49	<0.05	9.6	0.260	1.54	3.6
N810210		15.7	78.8	<0.002	0.01	3.16	11.7	1	1.2	394	0.52	<0.05	8.7	0.279	0.98	2.6
N810211		49.0	91.7	<0.002	0.16	23.1	11.4	1	1.3	386	0.50	<0.05	9.3	0.268	1.15	2.9
N810212		1.6	1.3	<0.002	0.02	0.10	0.3	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N810213		31.1	98.1	<0.002	0.03	7.27	11.7	1	1.3	387	0.52	<0.05	9.2	0.276	1.36	3.0
N810214		24.6	75.1	<0.002	0.03	13.90	8.0	1	1.1	641	0.73	<0.05	7.7	0.440	1.10	2.2
N810215		13.1	104.5	<0.002	0.09	6.89	11.1	1	1.2	266	0.53	<0.05	10.0	0.259	1.42	2.5
N810216		13.0	143.0	<0.002	0.61	8.04	11.5	1	1.5	125.5	0.51	<0.05	11.3	0.269	1.61	3.0
N810217		23.9	170.0	<0.002	0.35	9.05	11.9	1	1.5	83.5	0.49	<0.05	11.5	0.262	1.87	2.8
N810218		22.1	132.5	<0.002	0.16	14.15	12.1	1	1.2	247	0.53	<0.05	9.9	0.278	2.00	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-85/87

CERTIFICATE OF ANALYSIS WH12171404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810183		62	1.5	14.7	92	20.7
N810184		78	4.2	14.4	318	20.4
N810185		59	5.2	12.5	3090	38.0
N810186		79	5.0	12.9	59	20.7
N810187		78	2.1	15.0	49	21.4
N810188		82	3.0	14.2	297	23.0
N810189		50	2.3	10.5	238	15.4
N810190		1	0.1	0.8	19	<0.5
N810191		54	1.9	13.6	114	18.4
N810192		99	4.7	13.7	117	28.3
N810193		86	2.5	16.4	90	27.7
N810194		94	2.5	15.1	85	28.1
N810195		73	2.4	13.4	91	19.7
N810196		71	3.1	12.6	103	20.1
N810197		154	1.6	14.4	69	29.5
N810198		92	1.8	13.1	102	29.4
N810199		69	1.4	11.6	76	29.1
N810200		77	1.2	13.5	70	28.2
N810201		80	1.2	14.9	75	25.4
N810202		57	4.6	11.4	2980	37.2
N810203		76	1.3	15.3	89	24.5
N810204		92	1.3	17.3	71	28.0
N810205		88	1.4	17.7	67	23.2
N810206		86	1.8	17.4	65	22.6
N810207		77	2.1	13.1	71	21.4
N810208		82	1.1	13.9	63	21.7
N810209		78	1.5	13.3	60	21.2
N810210		82	0.8	12.8	68	21.0
N810211		77	1.6	12.8	94	23.8
N810212		3	0.2	1.0	17	<0.5
N810213		82	1.5	13.6	85	22.0
N810214		83	1.4	12.3	165	156.0
N810215		75	1.8	13.2	80	24.1
N810216		79	2.8	10.9	116	19.3
N810217		81	4.0	13.6	151	21.5
N810218		81	2.3	15.0	101	20.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza-85/87

CERTIFICATE OF ANALYSIS WH12171404

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171405

Project: Klaza-87

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

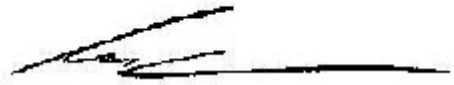
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-87

CERTIFICATE OF ANALYSIS WH12171405

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810219		3.61	0.025	0.29	7.86	43.6	930	1.42	0.35	1.58	1.85	43.9	9.2	14	25.8	9.7
N810220		2.91	1.190	7.06	4.14	709	620	0.72	2.35	3.02	59.5	27.9	8.7	12	8.82	179.0
N810221		3.74	0.161	3.12	7.70	392	610	1.41	0.69	1.24	24.1	48.0	7.9	12	16.35	42.6
N810222		0.26	2.30	26.2	6.05	2880	1710	1.28	20.4	2.20	79.0	44.7	10.9	19	14.85	441
N810223		5.12	0.019	1.26	7.84	40.8	1200	1.57	1.25	0.97	7.10	42.2	9.1	9	23.6	12.3
N810224		2.86	0.637	12.15	7.02	3160	660	1.35	3.68	1.12	101.0	43.1	8.8	8	21.3	326
N810225		2.44	0.048	1.47	7.63	243	1160	1.45	0.38	1.96	4.73	49.5	9.1	15	20.5	9.7
N810226		2.32	0.038	14.55	7.39	938	780	1.43	8.77	2.30	38.4	41.9	6.0	15	17.60	18.5
N810227		2.22	0.008	8.69	7.32	48.1	1840	1.45	2.67	2.93	7.64	45.6	8.3	13	17.65	33.3
N810228		4.40	<0.005	0.04	0.14	<5	20	0.06	0.05	21.3	0.12	1.28	1.5	3	0.47	3.5
N810229		3.30	<0.005	1.84	6.63	17.1	1230	1.50	0.59	3.50	1.86	36.5	6.7	12	16.90	28.7
N810230		4.92	0.016	1.30	7.82	39.3	1080	1.60	2.50	1.43	2.73	56.5	8.9	12	29.9	12.7
N810231		3.95	<0.005	0.79	7.39	20.6	1060	1.48	1.82	1.69	0.90	47.6	6.2	13	21.2	5.2
N810232		4.11	0.020	0.67	7.51	39.3	980	1.39	1.35	1.63	2.12	50.9	9.6	17	16.30	5.9
N810233		4.07	0.054	1.39	7.34	116.0	1150	1.38	1.73	1.90	7.09	38.6	10.9	11	23.5	25.3
N810234		2.44	0.050	1.02	8.27	63.3	1070	1.41	1.83	0.90	4.18	53.7	8.6	17	25.6	6.7
N810235		2.26	0.277	3.24	6.09	386	1970	1.17	1.72	2.51	84.3	34.4	18.0	14	16.85	52.3
N810236		3.17	<0.005	0.08	0.11	<5	20	0.07	0.03	21.7	0.15	1.21	0.7	3	0.62	1.7
N810237		3.21	0.052	0.91	8.44	93.3	1220	1.70	2.03	1.13	4.61	46.4	10.4	16	27.9	4.5
N810238		3.78	0.012	1.07	7.43	57.9	1500	1.68	0.37	2.34	5.47	30.3	6.9	19	17.85	28.1
N810239		2.15	0.023	1.43	8.48	101.0	1210	1.93	0.88	1.67	5.29	47.2	8.7	12	34.0	15.3
N810240		5.00	0.006	0.99	6.53	30.0	1530	1.63	0.72	2.68	1.28	38.3	9.8	15	19.00	15.6
N810241		3.14	0.063	1.49	8.40	102.5	1340	1.75	2.45	1.07	4.10	55.6	12.1	15	28.3	5.3
N810242		2.22	0.095	2.00	6.04	102.5	790	1.12	2.70	1.53	16.80	41.2	10.8	25	18.95	7.4
N810243		3.16	<0.005	0.32	7.15	36.5	1310	1.56	0.59	2.31	1.26	40.9	6.8	18	27.6	5.9
N810244		3.02	0.022	0.81	7.61	81.5	1430	1.59	1.44	1.80	4.13	45.8	9.5	15	26.6	9.1
N810245		1.95	<0.005	0.11	7.28	13.6	1740	1.56	0.19	2.83	0.24	40.0	7.3	14	30.0	11.0
N810246		0.74	<0.005	0.11	7.34	13.5	1780	1.83	0.15	2.90	0.28	43.3	8.5	12	31.8	14.2
N810247		5.00	0.013	0.84	7.74	79.4	1240	2.49	1.49	1.86	2.96	38.9	8.9	14	29.5	7.2
N810248		2.96	<0.005	0.45	7.08	36.3	490	4.05	0.63	0.92	0.25	18.45	0.5	3	41.6	2.1
N810249		4.57	<0.005	0.16	7.16	31.7	490	3.28	0.14	0.79	0.22	17.45	0.2	6	39.1	0.9
N810250		0.26	0.780	9.82	6.83	1930	1000	1.45	6.88	1.96	43.6	47.5	17.0	22	17.10	111.0
N810251		4.94	0.009	0.53	7.21	46.6	450	3.32	0.28	1.36	0.46	17.65	0.8	4	35.4	6.3
N810252		<0.02	0.009	0.46	6.60	45.8	440	3.51	0.27	1.32	0.47	15.65	0.8	3	38.0	7.0
N810253		4.39	0.015	0.47	7.02	56.1	620	3.70	0.40	1.49	1.31	26.8	2.5	7	30.7	7.2
N810254		2.94	<0.005	0.91	7.49	49.9	1510	2.24	1.06	2.55	2.03	42.7	9.3	10	26.1	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-87

CERTIFICATE OF ANALYSIS WH12171405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810219		4.44	17.10	0.16	0.9	0.091	3.20	23.0	148.5	0.78	2530	1.51	0.03	8.6	4.5	630
N810220		10.20	11.20	0.22	0.5	2.48	1.87	14.8	12.3	0.94	58900	18.50	0.02	4.5	3.2	290
N810221		4.73	17.30	0.18	1.0	0.275	3.46	25.6	10.6	0.58	8190	2.51	0.02	8.2	2.9	560
N810222		6.90	14.25	0.18	0.9	1.825	2.64	24.8	23.7	0.91	1900	14.40	0.04	6.7	17.4	450
N810223		5.72	17.60	0.17	1.1	0.208	3.03	22.3	29.1	0.65	4380	1.70	0.02	8.4	3.5	560
N810224		5.65	17.15	0.18	1.1	4.18	2.87	23.4	21.9	0.51	9360	1.80	0.02	7.4	2.7	510
N810225		3.43	16.45	0.17	1.1	0.097	3.47	26.1	11.3	0.70	7670	1.27	0.02	7.8	3.1	580
N810226		3.32	15.75	0.16	1.1	0.982	3.39	20.9	13.2	0.70	6510	1.17	0.02	7.3	2.6	540
N810227		3.35	14.70	0.17	1.2	0.201	3.33	23.5	14.2	0.80	4250	1.40	0.03	7.5	3.2	600
N810228		0.51	0.41	0.06	<0.1	0.008	0.05	0.6	1.1	12.70	244	0.20	0.01	0.3	2.6	180
N810229		3.29	15.10	0.11	1.2	0.053	3.44	17.0	11.7	0.72	3080	0.66	0.03	8.0	2.5	580
N810230		3.63	17.25	0.17	1.1	0.084	3.45	30.5	17.1	0.57	3680	0.72	0.04	8.4	2.9	620
N810231		3.04	16.15	0.15	1.0	0.059	3.50	24.3	6.6	0.43	2080	0.76	0.06	8.7	2.4	590
N810232		4.54	16.85	0.20	1.0	0.107	3.55	26.7	6.7	0.54	5710	1.04	0.03	8.5	2.9	610
N810233		4.30	16.70	0.17	1.2	0.169	3.47	18.2	8.7	0.44	6190	1.03	0.03	8.8	3.2	660
N810234		4.27	17.80	0.18	1.0	0.166	3.56	28.4	24.9	0.42	7140	1.36	0.03	8.9	2.6	650
N810235		6.89	14.50	0.09	0.8	1.785	2.53	17.3	13.2	0.61	22100	2.07	0.03	5.6	3.7	480
N810236		0.50	0.29	<0.05	<0.1	0.006	0.06	0.6	1.6	12.90	255	0.11	<0.01	0.2	1.7	210
N810237		4.53	18.15	0.08	1.0	0.192	3.57	23.6	9.7	0.53	5020	1.24	0.04	8.2	2.4	650
N810238		3.34	18.15	0.08	1.0	0.078	2.73	14.2	124.5	0.61	6710	1.18	0.04	7.5	2.5	630
N810239		3.56	17.00	0.08	1.1	0.160	3.24	23.9	34.4	0.62	4060	1.03	0.03	7.7	3.1	680
N810240		3.43	15.55	0.09	1.0	0.069	2.95	18.3	33.3	0.61	3520	0.69	0.04	7.6	2.7	550
N810241		3.96	18.60	0.11	1.3	0.152	3.60	29.4	12.0	0.44	3740	1.12	0.05	9.5	2.6	730
N810242		5.01	14.00	0.16	1.0	0.098	2.81	22.2	9.3	0.54	5740	1.48	0.03	6.1	4.6	490
N810243		3.28	17.45	0.20	1.3	0.082	3.61	19.2	26.6	0.46	2090	2.17	0.04	8.1	2.8	640
N810244		4.40	18.10	0.22	1.3	0.202	3.63	23.6	9.9	0.61	6920	3.50	0.03	8.2	3.2	620
N810245		3.18	16.90	0.19	1.3	0.041	3.64	19.5	94.8	0.57	1500	4.44	0.62	8.5	2.9	640
N810246		3.14	17.20	0.09	1.4	0.036	3.33	20.1	79.4	0.57	1400	2.94	0.75	9.0	2.6	640
N810247		3.56	17.55	0.09	1.3	0.119	3.54	18.8	76.8	0.55	3280	4.36	0.06	10.0	2.5	580
N810248		0.61	22.8	0.06	3.7	0.026	2.69	8.1	54.0	0.18	548	1.63	0.05	29.5	0.3	50
N810249		0.58	20.1	0.05	3.2	0.026	2.77	7.7	34.0	0.18	528	0.55	0.05	27.8	0.2	30
N810250		5.49	15.75	0.19	1.4	0.952	2.97	25.9	24.1	0.72	2050	12.45	0.27	7.3	16.2	510
N810251		0.87	20.3	0.08	2.8	0.033	2.74	7.6	28.7	0.24	925	0.41	0.05	26.0	0.4	50
N810252		0.86	20.5	0.05	2.8	0.042	2.60	6.5	28.2	0.21	904	0.42	0.05	25.2	0.3	40
N810253		1.23	18.60	0.07	2.7	0.048	2.71	12.9	72.1	0.39	1320	1.21	0.06	22.5	6.0	160
N810254		3.26	16.20	0.09	1.2	0.061	3.28	20.7	15.8	0.72	2190	2.41	0.29	8.4	3.5	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-87

CERTIFICATE OF ANALYSIS WH12171405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810219		77.2	186.0	<0.002	0.36	17.00	11.4	1	1.7	223	0.64	<0.05	12.0	0.291	2.51	5.5
N810220		851	117.0	<0.002	2.85	116.5	6.7	1	3.4	70.0	0.35	0.06	6.7	0.143	1.66	9.9
N810221		1100	221	<0.002	1.35	37.9	12.3	2	2.7	94.4	0.68	<0.05	13.8	0.264	2.94	5.0
N810222		2910	172.0	0.002	4.88	90.2	8.5	2	8.4	95.8	0.55	0.38	11.4	0.179	2.37	5.8
N810223		327	188.5	<0.002	0.57	22.4	12.2	1	2.3	123.0	0.71	<0.05	14.1	0.260	2.26	4.8
N810224		2460	177.5	<0.002	2.99	184.0	10.7	2	6.2	131.5	0.62	<0.05	13.1	0.243	2.34	5.1
N810225		626	205	<0.002	0.82	25.0	11.8	1	1.6	118.5	0.62	<0.05	14.3	0.259	2.63	4.2
N810226		>10000	179.0	<0.002	0.84	56.8	10.5	2	2.0	126.0	0.61	<0.05	11.7	0.241	2.39	2.7
N810227		8300	179.0	<0.002	0.38	35.2	11.5	2	1.6	154.0	0.65	<0.05	12.5	0.263	2.34	3.5
N810228		20.5	3.9	<0.002	0.02	0.22	0.5	1	<0.2	46.4	<0.05	<0.05	<0.2	0.005	0.02	0.6
N810229		2110	148.5	<0.002	0.24	16.20	10.1	1	1.7	151.0	0.72	<0.05	10.5	0.256	2.30	4.8
N810230		138.0	209	<0.002	0.56	21.0	12.4	1	2.1	139.0	0.68	<0.05	14.3	0.277	2.55	3.1
N810231		51.6	189.0	<0.002	0.63	16.95	10.7	1	1.5	110.0	0.69	<0.05	12.9	0.282	2.50	2.1
N810232		105.5	202	<0.002	0.54	13.15	12.0	1	1.7	86.3	0.68	<0.05	12.6	0.280	2.33	2.1
N810233		342	167.5	<0.002	1.32	29.4	11.0	1	2.0	127.5	0.72	<0.05	11.3	0.289	2.32	3.0
N810234		149.0	202	<0.002	0.76	20.5	12.2	1	1.9	129.0	0.74	<0.05	14.8	0.296	2.68	3.9
N810235		742	142.0	<0.002	3.34	60.9	11.1	1	2.3	116.5	0.43	0.07	8.0	0.215	1.82	8.0
N810236		2.6	4.0	<0.002	0.01	0.21	0.4	<1	<0.2	40.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N810237		109.5	206	<0.002	1.02	22.8	13.4	1	2.3	118.0	0.60	<0.05	11.8	0.289	2.36	3.5
N810238		513	107.5	0.003	0.33	25.4	10.1	1	2.0	262	0.59	<0.05	7.1	0.279	2.20	2.1
N810239		76.7	178.5	<0.002	0.50	19.15	12.2	<1	1.8	207	0.60	<0.05	11.7	0.287	2.26	2.6
N810240		60.2	141.5	<0.002	0.42	12.45	10.2	<1	2.3	166.5	0.61	0.05	8.9	0.258	2.11	2.5
N810241		222	214	<0.002	1.91	21.7	13.0	1	3.0	101.5	0.76	<0.05	13.6	0.316	2.87	5.3
N810242		431	153.0	0.002	3.20	22.8	10.2	1	1.5	86.8	0.54	<0.05	9.8	0.235	2.29	6.3
N810243		53.3	170.0	0.002	0.27	14.95	10.6	1	1.5	174.5	0.71	<0.05	10.0	0.298	2.55	2.9
N810244		153.0	185.0	0.004	0.60	16.55	12.0	1	1.8	103.5	0.74	<0.05	12.2	0.295	2.67	4.5
N810245		20.7	158.5	0.004	0.07	9.06	10.6	1	1.5	260	0.84	<0.05	11.0	0.305	2.19	3.7
N810246		18.1	160.5	<0.002	0.07	10.05	11.4	1	1.9	274	0.79	<0.05	9.9	0.281	1.74	3.7
N810247		128.5	173.0	<0.002	0.48	18.35	10.8	1	2.1	186.5	0.75	<0.05	10.7	0.275	2.29	14.4
N810248		85.0	209	<0.002	0.04	7.76	3.8	<1	4.0	238	2.85	<0.05	21.5	0.045	1.85	14.0
N810249		34.1	204	<0.002	0.01	5.19	3.3	<1	2.8	206	2.94	<0.05	22.2	0.037	1.74	5.3
N810250		1415	168.0	0.004	3.23	30.3	9.0	1	5.7	151.5	0.66	0.30	12.1	0.216	2.69	5.7
N810251		43.9	198.5	<0.002	0.20	8.94	3.7	<1	2.4	226	2.80	<0.05	20.1	0.038	1.73	2.6
N810252		40.9	189.5	<0.002	0.19	9.45	3.5	1	2.2	219	2.75	<0.05	17.7	0.035	1.64	2.2
N810253		95.8	184.0	<0.002	0.12	9.15	5.2	1	4.1	344	2.12	<0.05	18.5	0.090	1.60	11.5
N810254		88.7	155.0	0.003	0.21	12.90	11.7	1	1.7	186.5	0.63	<0.05	10.8	0.263	1.85	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-87

CERTIFICATE OF ANALYSIS WH12171405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Pb
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
N810219		80	3.5	13.9	146	26.2	
N810220		43	3.2	17.3	5890	16.0	
N810221		75	5.3	13.1	2540	27.7	
N810222		56	5.6	10.6	5340	29.2	
N810223		75	4.2	12.8	809	31.5	
N810224		71	4.3	12.7	9230	30.4	
N810225		77	2.4	14.7	430	30.5	
N810226		76	2.4	12.5	4210	28.8	1.100
N810227		79	2.6	14.7	859	30.5	
N810228		4	0.1	1.0	18	<0.5	
N810229		78	1.7	14.1	229	32.4	
N810230		83	3.4	13.2	302	28.7	
N810231		75	3.4	13.2	102	29.1	
N810232		81	2.9	14.5	231	27.2	
N810233		81	3.2	12.1	670	31.3	
N810234		84	3.8	11.6	374	28.3	
N810235		77	3.4	16.2	8950	17.7	
N810236		4	0.1	0.8	28	<0.5	
N810237		85	4.2	11.8	387	23.8	
N810238		83	6.3	10.3	563	21.4	
N810239		83	8.3	13.2	560	26.9	
N810240		75	5.6	13.0	144	23.6	
N810241		86	3.8	10.9	316	27.6	
N810242		74	2.3	11.2	983	23.7	
N810243		84	2.1	12.0	144	31.5	
N810244		85	2.7	13.9	434	31.4	
N810245		85	1.2	14.8	73	31.6	
N810246		81	1.1	15.1	67	30.8	
N810247		79	3.6	12.8	262	27.8	
N810248		5	2.9	18.3	43	60.5	
N810249		1	2.3	17.1	54	48.7	
N810250		60	5.6	12.3	3200	39.5	
N810251		3	3.0	18.8	77	42.3	
N810252		3	3.0	17.2	77	44.5	
N810253		21	3.3	18.0	123	46.8	
N810254		79	1.4	12.7	192	26.7	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza-87

CERTIFICATE OF ANALYSIS WH12171405

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE WH12171406

Project: Klaza-88

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

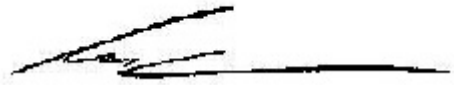
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12171406

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810556		5.83	<0.005	0.07	7.91	6.2	2330	1.44	0.16	1.74	0.12	48.7	7.7	12	8.75	14.4
N810557		0.23	4.33	>100	5.61	7220	1290	1.10	53.2	1.99	219	32.1	9.1	18	11.25	1290
N810558		4.20	<0.005	0.18	7.66	16.6	2040	1.49	0.51	2.56	0.21	47.1	6.7	10	11.25	10.5
N810559		3.05	<0.005	0.67	7.32	6.8	2080	1.48	0.25	2.57	0.10	44.0	6.2	12	7.73	4.8
N810560		2.75	<0.005	0.08	7.23	20.8	2230	1.44	0.30	2.68	0.13	39.4	7.7	10	6.22	10.1
N810561		2.80	<0.005	0.05	7.50	9.8	2030	1.51	0.15	2.62	0.07	42.2	6.7	11	5.14	9.8
N810562		2.91	<0.005	0.10	7.29	17.6	1860	1.52	0.33	2.76	0.21	48.0	8.2	11	10.60	10.0
N810563		1.48	<0.005	<0.01	0.07	<5	40	0.05	0.02	19.90	0.05	1.40	3.0	1	0.18	1.0
N810564		5.45	<0.005	0.05	7.07	4.4	2020	1.26	0.16	2.55	0.10	40.5	5.9	13	6.72	5.1
N810565		2.76	<0.005	0.10	7.06	26.6	1810	1.47	0.58	2.39	0.14	35.6	8.3	12	11.80	6.4
N810566		3.10	<0.005	0.11	7.07	16.3	1530	1.54	0.45	2.68	0.12	36.9	10.7	9	12.60	3.0
N810567		2.78	<0.005	0.08	7.22	13.7	1870	1.50	0.54	2.73	0.10	40.3	9.4	10	9.61	9.5
N810568		3.35	<0.005	0.10	7.33	48.6	970	1.34	0.43	2.50	0.24	43.2	7.4	8	17.70	5.1
N810569		4.68	<0.005	0.06	7.88	7.1	1780	1.43	0.15	1.69	0.09	46.3	7.0	10	14.05	6.2
N810570		2.02	<0.005	0.06	7.67	28.8	1410	1.52	0.72	2.08	0.11	47.8	9.8	9	10.55	17.1
N810571		2.51	<0.005	0.03	7.59	7.0	2090	1.56	0.32	2.79	0.10	45.0	8.7	11	7.98	7.7
N810572		1.18	<0.005	0.02	7.75	4.6	2090	1.59	0.18	2.79	0.09	45.9	7.9	13	7.88	7.2
N810573		2.19	<0.005	0.09	7.40	28.2	2160	1.51	0.95	2.04	0.20	54.4	10.4	10	9.25	6.2
N810574		1.90	<0.005	<0.01	0.09	<5	30	<0.05	0.13	21.0	0.06	1.23	1.0	1	0.15	1.1
N810575		2.84	<0.005	0.19	8.25	17.8	1530	1.29	0.93	1.52	0.34	55.5	7.3	11	11.40	18.5
N810576		2.78	<0.005	0.31	7.45	32.6	1120	1.51	1.64	2.44	0.66	54.6	9.8	16	13.45	9.8
N810577		4.49	<0.005	0.12	6.78	30.7	1270	1.48	0.61	2.59	0.22	46.8	9.7	9	15.95	7.3
N810578		5.65	<0.005	0.11	5.78	34.5	2260	1.09	0.25	2.77	0.25	41.4	6.8	9	18.80	6.5
N810579		0.22	4.25	>100	5.76	8510	530	1.02	57.7	1.99	231	34.1	8.9	18	11.95	1285
N810580		2.58	<0.005	0.09	7.84	18.9	1090	1.31	0.59	2.18	0.29	44.7	7.8	9	15.10	7.4
N810581		5.13	<0.005	0.14	7.64	23.9	1610	1.51	0.71	2.03	0.34	49.0	9.9	10	13.30	9.2
N810582		3.73	<0.005	0.06	7.34	19.7	1540	1.41	0.48	2.66	0.19	46.9	8.3	12	19.65	6.2
N810583		2.89	<0.005	0.14	7.34	25.0	2840	1.40	0.50	2.90	0.33	50.0	11.1	10	17.45	5.7
N810584		3.44	<0.005	0.06	7.61	12.0	1900	1.36	0.24	2.77	0.11	45.5	8.3	16	11.60	4.9
N810585		2.53	<0.005	0.03	7.79	7.4	2080	1.54	0.15	2.74	0.10	50.3	8.5	13	7.71	4.9
N810586		<0.02	<0.005	0.04	7.87	7.8	2110	1.54	0.16	2.76	0.12	53.0	8.5	14	7.72	5.2
N810587		4.57	<0.005	0.07	7.80	9.7	2000	1.71	0.20	2.84	0.17	48.3	9.7	16	11.10	5.6
N810588		6.05	<0.005	0.04	7.67	6.8	2020	1.52	0.13	2.84	0.10	46.6	7.7	11	9.98	8.1
N810589		5.10	<0.005	0.04	7.70	12.8	1760	1.76	0.25	3.16	0.13	57.8	10.3	14	16.25	5.7
N810590		2.55	<0.005	0.03	8.12	12.9	2120	1.73	0.12	2.73	0.10	50.8	7.2	14	8.20	5.0
N810591		2.37	<0.005	0.08	7.99	12.9	2180	1.61	1.11	2.73	0.10	43.8	10.4	12	12.30	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12171406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810556		3.30	16.70	0.12	1.3	0.040	2.56	24.3	32.7	0.62	772	0.80	0.97	8.4	3.1	640
N810557		8.00	12.35	0.15	0.9	4.42	2.25	16.0	32.7	0.63	3030	14.05	0.08	5.6	13.4	440
N810558		3.28	16.50	0.13	1.3	0.052	2.69	23.3	17.0	0.72	699	0.60	1.72	8.2	3.0	610
N810559		3.09	15.85	0.12	1.4	0.036	2.56	21.1	16.0	0.80	600	0.96	2.19	8.3	2.8	610
N810560		3.14	16.15	0.13	1.2	0.035	2.52	18.7	14.6	0.75	628	0.94	2.18	8.2	3.1	630
N810561		3.21	15.70	0.13	1.3	0.035	2.43	20.7	17.5	0.91	627	0.62	2.27	8.2	2.8	620
N810562		3.15	16.25	0.14	1.3	0.033	2.45	22.9	26.8	0.81	730	0.72	1.84	8.3	3.4	600
N810563		0.45	0.22	<0.05	<0.1	<0.005	0.03	0.7	1.0	12.40	217	<0.05	0.01	0.3	2.3	150
N810564		2.78	15.20	0.09	1.2	0.032	2.60	19.5	14.8	0.75	551	1.42	2.09	7.2	2.5	550
N810565		3.03	15.30	0.10	1.3	0.039	2.55	15.9	25.5	0.68	595	1.91	1.62	7.7	2.9	570
N810566		2.52	14.75	0.12	1.2	0.039	2.66	16.8	25.8	0.64	712	1.08	0.90	7.3	2.3	530
N810567		2.89	15.85	0.12	1.3	0.038	2.54	19.1	20.0	0.67	572	1.03	1.94	7.8	2.9	550
N810568		2.64	15.15	0.12	1.2	0.032	2.32	22.3	71.1	0.82	758	1.19	0.06	7.3	2.5	550
N810569		2.86	17.20	0.12	1.5	0.037	2.61	22.2	44.7	0.51	571	2.41	0.40	9.0	2.7	620
N810570		3.29	17.05	0.15	1.5	0.039	2.56	23.6	43.8	0.67	729	3.00	0.55	8.7	4.4	610
N810571		3.13	17.05	0.16	1.6	0.037	2.67	21.9	16.9	0.79	635	1.88	2.12	8.9	3.0	610
N810572		3.09	17.35	0.17	1.5	0.034	2.71	22.7	16.8	0.81	624	1.55	2.22	9.0	3.1	600
N810573		3.52	17.45	0.18	1.6	0.034	2.51	27.7	25.3	0.73	796	2.17	0.17	8.6	3.2	580
N810574		0.48	0.30	0.10	<0.1	<0.005	0.03	0.6	0.9	12.80	213	0.06	0.01	0.3	2.1	170
N810575		2.90	17.65	0.15	1.7	0.034	2.50	29.2	40.5	0.62	609	3.63	0.07	9.3	2.6	650
N810576		3.25	16.05	0.16	1.5	0.036	2.71	29.9	22.1	0.94	732	2.20	0.04	8.0	3.9	600
N810577		2.52	15.55	0.15	1.3	0.030	2.55	24.8	24.6	0.86	718	1.59	0.04	7.2	2.7	530
N810578		2.24	13.00	0.15	1.1	0.027	1.96	23.0	48.1	0.81	647	1.84	0.04	6.5	2.4	450
N810579		8.39	13.35	0.17	1.1	5.16	2.32	18.0	26.8	0.63	3100	15.30	0.08	6.1	13.4	470
N810580		2.81	17.85	0.14	1.7	0.040	2.14	22.4	54.1	0.68	700	1.55	0.06	9.3	2.5	650
N810581		2.86	17.00	0.16	1.5	0.036	2.43	26.2	35.0	0.78	825	1.48	0.05	8.1	3.0	590
N810582		3.12	17.00	0.16	1.4	0.038	2.59	24.5	38.5	0.86	874	0.96	0.07	8.3	2.7	600
N810583		2.88	17.05	0.17	1.5	0.036	2.56	26.3	44.4	0.98	846	1.51	0.10	8.2	2.8	590
N810584		3.04	17.55	0.18	1.5	0.039	2.75	22.4	16.6	0.70	616	1.87	1.75	8.5	2.9	610
N810585		3.31	17.95	0.18	1.6	0.041	2.73	25.0	15.7	0.89	663	1.86	2.29	9.2	3.4	680
N810586		3.36	18.05	0.19	1.6	0.041	2.69	26.9	15.7	0.90	668	0.77	2.31	9.2	3.5	660
N810587		3.19	17.70	0.19	1.5	0.041	2.64	24.3	15.3	0.80	680	0.89	2.25	9.0	3.3	640
N810588		3.14	17.25	0.18	1.4	0.045	2.58	23.3	19.0	0.81	669	1.02	2.10	8.6	3.1	650
N810589		3.96	19.30	0.19	1.7	0.059	2.72	27.6	25.1	1.05	913	3.59	1.75	11.1	4.0	780
N810590		3.22	18.20	0.18	1.5	0.040	2.83	25.7	23.1	0.83	632	1.29	2.39	9.0	3.1	620
N810591		3.44	18.25	0.19	1.4	0.041	2.70	21.2	25.6	0.80	567	1.06	2.11	9.1	3.5	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12171406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810556		13.9	98.8	<0.002	0.04	11.40	12.8	1	1.6	212	0.62	<0.05	13.2	0.282	1.01	3.0
N810557		9350	124.0	<0.002	7.09	209	7.2	2	7.6	121.5	0.40	0.42	8.3	0.180	2.01	4.9
N810558		22.6	112.0	<0.002	0.13	3.79	12.4	1	1.5	313	0.61	<0.05	13.4	0.270	1.23	4.5
N810559		16.0	93.1	<0.002	0.03	1.79	11.6	1	1.4	386	0.67	<0.05	12.1	0.267	1.01	5.1
N810560		20.4	94.2	<0.002	0.24	2.78	10.8	1	1.5	362	0.61	<0.05	11.4	0.278	1.12	3.8
N810561		14.7	87.6	<0.002	0.06	1.88	11.7	1	1.5	414	0.64	<0.05	11.4	0.271	0.92	4.7
N810562		20.8	88.9	<0.002	0.17	4.91	11.7	1	1.5	335	0.61	<0.05	12.1	0.265	1.18	4.3
N810563		1.3	1.2	<0.002	0.01	<0.05	0.2	1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810564		16.7	91.6	<0.002	0.03	1.57	10.2	1	1.3	360	0.55	<0.05	12.3	0.239	0.96	3.8
N810565		19.8	92.9	<0.002	0.16	4.69	10.3	1	1.3	271	0.65	<0.05	12.4	0.247	1.20	4.8
N810566		14.5	102.0	<0.002	0.21	5.50	10.3	1	1.3	173.5	0.58	<0.05	13.9	0.241	1.49	5.2
N810567		15.4	96.8	<0.002	0.22	2.92	10.7	1	1.2	324	0.61	<0.05	14.1	0.250	1.19	4.8
N810568		15.8	86.6	<0.002	0.21	16.40	10.5	1	1.2	100.5	0.59	<0.05	12.7	0.238	1.44	3.9
N810569		16.7	92.1	<0.002	0.03	9.53	12.2	1	1.6	128.0	0.75	<0.05	14.8	0.278	1.06	4.0
N810570		13.9	101.0	0.002	0.44	10.25	11.8	1	1.4	120.0	0.75	<0.05	13.4	0.264	1.31	4.9
N810571		17.2	92.5	<0.002	0.11	2.17	12.0	1	1.4	372	0.82	<0.05	12.6	0.273	0.96	4.9
N810572		16.8	98.6	<0.002	0.05	1.89	11.7	1	1.5	391	0.78	<0.05	13.1	0.268	0.94	4.7
N810573		16.5	101.0	0.002	0.73	13.35	13.0	1	1.6	103.0	0.81	<0.05	14.4	0.253	1.26	6.0
N810574		1.5	1.1	<0.002	0.01	0.05	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810575		41.2	97.1	<0.002	0.39	14.10	11.6	1	1.6	82.0	0.86	<0.05	15.5	0.288	1.14	5.0
N810576		102.5	133.5	<0.002	0.83	16.60	11.0	1	1.6	95.6	0.73	<0.05	13.7	0.243	1.85	6.2
N810577		16.6	105.0	<0.002	0.31	17.70	10.5	1	1.2	115.5	0.62	<0.05	12.6	0.228	1.81	3.8
N810578		16.9	79.8	<0.002	0.22	32.3	8.5	1	1.1	140.0	0.56	<0.05	11.3	0.198	1.68	3.9
N810579		9800	131.0	0.002	7.30	215	6.8	2	9.2	125.0	0.48	0.57	8.5	0.183	2.20	5.3
N810580		18.0	75.3	<0.002	0.22	11.90	12.3	1	1.6	134.0	0.88	<0.05	13.9	0.278	1.24	4.3
N810581		24.6	107.0	<0.002	0.32	15.25	11.5	1	1.5	84.5	0.72	<0.05	14.7	0.251	1.45	4.7
N810582		26.0	101.0	<0.002	0.21	15.00	12.1	1	1.6	114.5	0.69	<0.05	13.4	0.255	1.44	5.7
N810583		21.2	109.0	<0.002	0.36	13.65	11.7	1	1.6	127.5	0.67	<0.05	13.1	0.260	1.67	4.9
N810584		18.3	105.0	<0.002	0.14	4.70	11.9	1	1.6	303	0.74	<0.05	12.6	0.264	1.24	4.3
N810585		16.9	98.2	<0.002	0.04	2.01	13.4	1	1.8	393	0.76	<0.05	13.6	0.287	1.12	4.7
N810586		18.3	103.0	<0.002	0.04	2.03	13.5	1	1.8	396	0.73	<0.05	14.8	0.282	1.15	5.0
N810587		20.2	107.0	<0.002	0.08	2.60	12.8	1	1.8	385	0.76	<0.05	12.8	0.274	1.11	4.5
N810588		17.2	100.5	<0.002	0.03	2.86	12.4	1	1.7	384	0.74	<0.05	14.6	0.275	1.04	4.6
N810589		17.3	108.0	0.002	0.07	4.82	16.8	1	2.1	327	0.97	<0.05	13.3	0.344	1.37	5.8
N810590		18.3	109.0	0.002	0.04	1.64	12.5	1	1.7	411	0.77	<0.05	16.3	0.271	1.22	6.6
N810591		19.1	108.5	<0.002	0.30	2.99	13.0	1	1.6	394	0.70	<0.05	14.7	0.287	1.15	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12171406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810556		79	4.6	17.5	63	32.2		
N810557		51	4.3	9.0	>10000	28.6	119	1.630
N810558		77	2.6	16.9	67	32.1		
N810559		75	1.8	16.8	54	35.5		
N810560		71	2.2	15.1	53	29.9		
N810561		77	1.6	17.1	48	33.8		
N810562		77	1.8	16.4	59	36.1		
N810563		2	0.3	0.9	14	<0.5		
N810564		69	1.8	14.9	45	33.1		
N810565		71	2.8	14.8	54	31.8		
N810566		70	3.1	14.0	43	30.7		
N810567		71	2.3	14.7	45	34.6		
N810568		69	3.3	15.2	61	30.8		
N810569		78	9.0	16.4	49	39.6		
N810570		75	8.0	19.4	53	43.5		
N810571		78	1.4	18.0	49	45.3		
N810572		73	1.1	18.5	48	44.4		
N810573		83	4.1	21.7	63	45.1		
N810574		2	0.1	0.9	16	0.5		
N810575		80	7.2	18.6	63	49.6		
N810576		72	3.2	18.0	93	43.3		
N810577		68	3.2	16.6	73	37.6		
N810578		58	3.9	14.9	63	32.8		
N810579		54	4.6	10.1	>10000	37.3	116	1.610
N810580		81	5.1	17.5	79	46.9		
N810581		73	4.4	16.5	72	42.3		
N810582		75	3.9	18.9	56	40.9		
N810583		75	4.0	18.2	69	43.7		
N810584		75	2.3	16.7	50	44.5		
N810585		83	1.5	19.9	53	45.3		
N810586		80	1.4	20.0	52	46.9		
N810587		79	1.7	19.0	56	45.5		
N810588		78	2.0	17.4	54	39.9		
N810589		100	2.4	22.0	69	45.0		
N810590		77	1.5	19.1	50	41.3		
N810591		81	2.0	17.1	52	42.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-88

Finalized Date: 8-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12171406

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
This copy reported on 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12173675

Project: Klaza-70

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

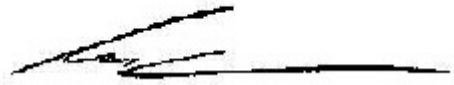
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078**

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12173675

Sample Description	Method	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
N828460		0.006	0.18	7.10	13.9	2220	1.32	0.29	1.96	0.44	46.4	3.4	9	10.05	4.0	2.08
N828461		0.006	0.12	7.19	12.7	2160	1.19	0.26	1.58	0.67	47.6	4.2	8	12.15	4.6	2.66
N828462		<0.005	0.11	7.31	11.1	2270	1.32	0.23	1.98	0.13	48.8	5.3	9	16.15	2.7	2.83
N828463		<0.005	0.14	7.02	18.6	1470	1.50	0.34	1.59	0.26	45.0	4.1	8	12.25	7.4	2.77
N828464		0.012	0.44	6.69	33.6	2560	1.40	0.76	1.80	0.41	50.7	4.8	8	11.60	29.6	2.67
N828465		<0.005	0.01	0.08	<5	30	<0.05	0.03	19.55	0.06	1.22	0.6	1	0.31	1.4	0.45
N828466		0.009	0.18	7.09	44.8	1500	1.36	0.26	2.17	0.28	47.9	4.0	8	17.85	4.7	2.85
N828467		<0.005	0.11	7.04	21.7	1670	1.36	0.17	1.96	0.13	49.3	3.3	9	14.30	1.7	2.37
N828468		<0.005	0.12	6.50	9.1	2090	1.30	0.15	2.67	0.13	50.3	3.4	10	11.10	1.3	2.30
N828469		<0.005	0.11	7.04	14.8	2300	1.18	0.16	1.84	0.13	61.8	3.4	9	10.90	1.5	2.42
N828470		<0.005	0.11	7.28	15.3	2270	1.25	0.17	1.84	0.14	67.8	3.6	9	11.20	1.3	2.52
N828471		<0.005	0.08	7.60	24.9	1150	1.12	0.14	0.86	0.13	55.9	3.8	8	15.20	1.9	2.44
N828472		<0.005	0.08	7.29	20.8	1840	1.22	0.15	1.41	0.17	44.8	3.4	9	12.85	1.5	2.64
N828473		0.005	0.11	7.25	24.1	2170	1.54	0.11	1.59	0.18	49.0	4.2	8	13.75	1.0	2.56
N828474		<0.005	0.19	7.48	20.5	1920	1.36	0.26	1.76	0.76	52.5	3.4	9	14.30	4.4	2.56
N828475		0.009	0.36	7.45	26.6	1380	1.55	0.45	1.56	1.22	60.9	2.9	8	16.15	20.9	2.85
N828476		2.23	25.1	5.96	3390	1330	1.32	19.40	2.13	80.1	47.4	10.2	20	14.75	420	6.49
N828477		0.053	1.16	6.94	50.1	2130	1.42	1.55	1.55	11.75	68.4	3.1	7	9.47	32.8	3.92
N828478		<0.005	0.11	7.19	11.2	1960	1.42	0.19	2.46	0.27	53.4	3.0	10	10.80	0.9	2.07
N828479		<0.005	0.07	7.21	8.0	1680	1.61	0.15	3.03	0.15	51.9	3.7	8	15.55	1.7	2.87
N828480		<0.005	0.08	7.08	9.1	1740	1.55	0.14	3.08	0.14	49.3	3.8	9	14.05	2.4	2.72
N828481		<0.005	0.35	7.46	125.0	1670	1.56	0.35	1.81	3.09	52.2	3.7	9	17.60	4.5	3.50
N828482		0.583	5.02	5.40	750	580	1.16	5.38	1.02	29.3	46.0	5.0	7	7.75	159.0	5.42
N828483		<0.005	0.02	0.07	<5	20	0.06	0.04	20.4	0.14	1.27	0.6	2	0.20	1.7	0.45
N828484		0.312	6.77	5.41	416	720	1.08	4.09	0.81	17.10	41.2	2.7	7	18.15	648	5.02
N828485		0.154	1.01	6.93	556	680	1.25	0.95	2.43	7.38	52.2	3.6	7	14.70	20.3	3.38
N828486		0.062	1.73	6.99	155.5	1030	1.24	0.31	2.65	22.1	33.8	2.6	8	8.99	8.8	2.21
N828487		0.030	0.30	6.92	67.2	1070	1.46	0.28	2.61	1.59	34.6	1.5	9	9.88	2.7	1.63
N828488		0.070	0.93	6.70	410	1020	1.28	0.35	2.31	6.55	32.9	1.7	9	9.86	5.7	2.32
N828489		4.53	>100	5.48	8180	1290	1.06	61.4	1.92	232	36.1	8.9	18	11.10	1250	8.11
N828490		0.503	5.86	6.49	806	800	1.29	8.43	1.91	4.77	45.2	3.6	8	10.55	82.5	5.57
N828491		0.268	2.39	7.19	352	770	1.15	2.79	0.79	18.70	49.9	2.7	9	8.36	27.9	5.14
N828492		0.099	1.76	7.56	282	1200	1.33	2.05	2.01	9.82	49.6	2.6	9	11.30	37.6	4.82
N828493		0.312	2.88	6.28	1010	680	1.26	3.30	2.31	22.6	49.9	2.8	9	9.74	96.7	5.95
N828494		0.022	0.62	6.94	125.0	1160	1.47	0.65	3.02	2.72	54.9	4.0	8	9.63	3.4	2.97
N828495		0.739	4.88	6.80	703	580	1.30	7.51	1.26	3.73	54.7	3.6	8	10.30	29.8	6.98

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12173675

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
N828460		14.70	0.15	1.0	0.052	2.70	21.7	35.1	0.76	701	1.58	0.10	4.3	2.4	570	28.3
N828461		15.60	0.15	1.1	0.088	2.85	22.1	26.1	0.58	853	0.79	0.20	6.1	2.3	570	17.9
N828462		15.80	0.16	1.3	0.045	2.78	22.3	21.3	0.56	489	1.10	1.09	7.0	2.1	580	17.6
N828463		15.85	0.14	1.3	0.068	1.48	19.8	213	0.56	904	0.85	0.03	7.0	1.8	610	10.9
N828464		16.00	0.15	1.1	0.154	3.05	25.9	17.0	0.69	1010	1.98	0.05	5.4	2.1	570	24.9
N828465		0.22	0.14	<0.1	0.006	0.03	0.6	1.3	12.15	210	0.11	<0.01	0.2	1.2	180	1.3
N828466		15.85	0.17	1.1	0.040	2.40	21.7	79.9	0.74	1140	1.38	0.04	7.0	2.1	590	14.8
N828467		15.50	0.15	1.2	0.032	2.30	22.0	80.0	0.70	696	0.89	0.26	6.2	2.1	610	10.6
N828468		14.50	0.14	1.0	0.037	2.24	26.4	15.7	0.69	606	0.39	1.49	5.9	1.9	500	10.4
N828469		16.00	0.15	1.2	0.036	2.31	31.9	53.5	0.57	652	0.98	0.77	6.6	2.2	580	13.9
N828470		16.05	0.17	1.3	0.034	2.40	35.4	55.5	0.58	682	0.89	0.71	6.6	2.2	580	13.7
N828471		16.30	0.17	1.3	0.038	1.27	28.7	158.0	0.35	798	2.00	0.03	7.6	2.1	630	12.4
N828472		16.00	0.13	1.3	0.041	1.48	21.5	161.0	0.51	833	0.72	0.03	7.1	1.9	620	13.1
N828473		15.05	0.14	1.2	0.038	2.11	23.8	135.5	0.59	854	1.71	0.05	6.4	2.6	590	15.1
N828474		16.85	0.16	1.2	0.056	2.25	25.3	103.0	0.64	830	0.75	0.05	7.1	2.5	610	22.3
N828475		16.65	0.15	1.2	0.066	2.18	29.1	120.0	0.65	912	0.82	0.05	6.5	2.3	590	49.1
N828476		14.50	0.17	0.9	1.640	2.52	24.9	25.9	0.88	1920	12.35	0.04	5.6	15.5	450	2670
N828477		16.75	0.15	0.9	0.248	2.92	38.7	35.9	0.81	1660	1.59	0.06	4.7	2.1	540	222
N828478		16.40	0.14	1.1	0.044	2.57	25.7	73.0	0.81	756	0.96	0.39	5.7	2.5	600	15.4
N828479		15.90	0.15	1.2	0.050	2.17	23.7	12.4	0.78	586	0.84	1.72	6.6	2.4	680	12.6
N828480		16.50	0.15	1.2	0.045	2.17	22.5	12.1	0.77	592	0.81	1.83	6.6	2.5	660	13.0
N828481		16.25	0.15	1.3	0.184	2.56	24.6	48.3	0.56	929	1.18	0.34	7.4	2.6	600	42.9
N828482		13.45	0.15	0.9	0.679	2.45	23.0	17.3	0.48	1360	1.66	0.03	4.2	2.0	370	301
N828483		0.22	0.13	<0.1	0.007	0.03	0.6	1.2	12.75	220	0.09	<0.01	0.1	1.3	170	1.8
N828484		11.60	0.14	0.8	0.404	2.11	19.3	31.0	0.42	1880	11.00	0.03	4.1	1.8	360	363
N828485		14.65	0.15	1.0	0.209	2.51	25.6	34.3	0.92	2600	2.47	0.04	5.5	2.1	510	180.0
N828486		15.55	0.14	1.0	0.180	2.65	11.7	22.2	0.88	2230	2.33	0.16	5.6	2.4	530	703
N828487		16.00	0.15	0.9	0.086	2.59	11.1	19.0	0.89	2170	0.85	0.19	5.5	1.9	530	75.7
N828488		15.10	0.15	0.8	0.190	2.67	11.9	10.7	0.86	2100	1.28	0.11	4.9	2.2	490	275
N828489		12.95	0.14	1.1	4.38	2.25	16.1	33.5	0.62	3200	13.35	0.08	5.2	14.9	460	9260
N828490		14.90	0.16	0.9	0.156	2.57	21.0	25.8	0.71	1950	1.32	0.03	5.5	1.8	500	288
N828491		15.85	0.14	0.9	0.801	3.14	22.5	6.2	0.52	1930	3.06	0.05	5.0	1.6	570	203
N828492		16.70	0.17	0.9	0.331	3.21	18.3	8.7	0.84	3550	2.26	0.07	5.3	2.1	600	310
N828493		15.10	0.15	0.7	0.562	2.72	22.3	16.1	0.90	3550	3.39	0.04	4.3	2.5	480	220
N828494		15.50	0.14	0.9	0.105	2.32	26.1	26.8	0.72	1420	0.40	0.73	6.2	2.2	600	118.5
N828495		15.80	0.18	1.0	0.148	3.01	28.5	7.6	0.63	2940	1.45	0.03	6.0	2.6	550	306

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12173675

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
N828460		126.0	0.003	0.26	11.55	8.8	1	1.7	72.1	0.41	<0.05	13.3	0.155	1.66	6.7	65
N828461		116.5	<0.002	0.18	14.35	9.2	1	2.1	86.1	0.59	<0.05	13.1	0.206	1.50	5.0	66
N828462		107.5	<0.002	0.15	7.63	9.3	1	1.8	223	0.64	<0.05	13.4	0.232	1.30	4.6	64
N828463		56.0	<0.002	0.25	27.6	9.5	1	1.9	179.0	0.61	0.06	11.8	0.242	1.07	4.2	68
N828464		135.0	<0.002	0.47	25.7	10.0	1	2.2	54.7	0.50	0.12	13.1	0.182	2.02	5.5	64
N828465		1.9	<0.002	0.01	0.34	0.2	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2
N828466		89.5	<0.002	0.26	17.90	9.3	1	2.0	99.7	0.62	<0.05	12.0	0.227	1.58	4.7	66
N828467		86.3	<0.002	0.15	20.2	9.4	1	2.1	139.0	0.56	<0.05	12.1	0.203	1.44	5.0	66
N828468		93.1	<0.002	0.13	5.10	9.1	1	2.3	224	0.52	<0.05	11.6	0.181	1.12	4.4	67
N828469		89.9	<0.002	0.17	21.2	9.2	1	2.2	205	0.61	<0.05	12.8	0.206	1.09	4.3	62
N828470		96.3	<0.002	0.18	22.4	9.6	1	2.1	204	0.66	<0.05	14.2	0.219	1.23	4.6	67
N828471		70.3	<0.002	0.30	46.0	10.1	1	2.1	252	0.72	<0.05	15.3	0.238	0.90	5.2	60
N828472		63.3	<0.002	0.18	31.0	9.5	1	2.0	229	0.72	<0.05	12.3	0.240	0.99	3.7	66
N828473		91.0	<0.002	0.24	23.6	8.7	1	1.9	124.0	0.61	<0.05	13.6	0.220	1.60	5.3	64
N828474		92.3	<0.002	0.24	20.2	10.2	1	2.5	135.0	0.67	<0.05	13.5	0.235	1.75	4.7	69
N828475		90.1	<0.002	0.30	29.0	9.6	1	2.6	106.0	0.60	<0.05	14.1	0.216	1.67	4.6	68
N828476		164.5	<0.002	4.63	96.5	8.0	1	8.1	95.2	0.47	0.35	11.4	0.176	2.28	6.1	55
N828477		144.5	<0.002	0.98	17.80	10.1	1	3.4	43.3	0.44	0.08	14.4	0.162	2.44	5.8	71
N828478		96.4	<0.002	0.20	6.96	9.4	1	2.2	118.0	0.54	<0.05	13.3	0.188	1.76	5.2	67
N828479		86.8	<0.002	0.08	3.33	9.9	1	2.2	312	0.62	<0.05	11.6	0.252	1.24	5.0	80
N828480		88.3	0.003	0.10	2.91	9.5	1	2.4	330	0.59	<0.05	10.9	0.243	1.18	4.6	76
N828481		117.5	0.003	0.52	12.90	9.8	1	2.9	128.0	0.70	<0.05	14.3	0.243	2.09	4.2	69
N828482		168.0	<0.002	4.89	45.6	7.1	1	7.2	27.0	0.38	0.34	9.5	0.146	2.41	4.2	47
N828483		1.7	<0.002	0.01	0.13	0.2	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2
N828484		135.0	0.002	2.61	185.0	6.4	1	5.4	79.4	0.38	0.15	10.5	0.148	2.29	3.9	47
N828485		153.5	<0.002	1.15	20.3	9.0	1	4.3	131.0	0.52	<0.05	12.6	0.191	2.72	3.7	59
N828486		149.0	0.003	0.95	10.35	9.0	1	4.4	88.3	0.52	<0.05	12.3	0.199	2.79	3.2	72
N828487		132.5	0.003	0.33	5.00	8.8	1	2.9	97.3	0.51	<0.05	12.0	0.183	2.83	3.1	63
N828488		175.0	<0.002	0.86	10.10	8.1	1	4.6	73.1	0.46	<0.05	12.7	0.166	2.87	3.3	61
N828489		133.0	0.003	6.93	214	7.2	1	8.6	126.0	0.44	0.44	8.8	0.181	2.03	5.9	52
N828490		181.0	0.002	4.63	21.1	8.7	1	6.5	63.0	0.49	0.10	12.5	0.187	2.69	4.2	55
N828491		219	<0.002	2.92	16.30	9.3	<1	5.9	25.8	0.48	0.10	12.6	0.192	3.14	3.2	61
N828492		216	<0.002	1.35	13.05	9.5	1	5.9	50.2	0.48	<0.05	15.4	0.188	3.39	5.0	56
N828493		176.0	<0.002	2.72	30.8	8.4	1	4.9	48.2	0.38	0.11	10.2	0.148	2.72	3.3	57
N828494		110.5	0.002	0.64	6.13	9.1	1	3.2	178.5	0.56	0.13	10.8	0.217	2.07	4.5	70
N828495		192.5	<0.002	4.70	12.75	9.3	1	7.7	38.8	0.51	0.07	13.2	0.205	3.20	4.2	61

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-70

CERTIFICATE OF ANALYSIS WH12173675

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.1	2	0.5	1	0.001
N828460		1.9	11.1	99	24.0		
N828461		2.5	13.2	139	28.0		
N828462		1.7	13.2	81	30.6		
N828463		3.6	12.5	94	32.0		
N828464		3.6	11.1	104	27.2		
N828465		0.1	0.7	15	<0.5		
N828466		3.2	12.3	146	30.6		
N828467		2.7	13.1	101	28.9		
N828468		1.5	14.8	81	25.1		
N828469		2.1	13.4	68	32.0		
N828470		2.6	14.2	72	32.5		
N828471		5.9	14.6	62	34.2		
N828472		5.3	12.2	70	30.7		
N828473		3.6	12.4	68	30.1		
N828474		4.6	13.3	103	33.6		
N828475		2.9	13.5	140	30.9		
N828476		5.3	10.1	5210	24.1		
N828477		4.5	10.2	935	24.0		
N828478		1.4	11.9	63	27.3		
N828479		1.2	13.6	52	31.2		
N828480		0.9	13.8	53	31.5		
N828481		2.9	12.7	341	35.8		
N828482		6.4	7.8	1760	22.7		
N828483		0.1	0.8	20	<0.5		
N828484		4.5	7.9	1110	19.0		
N828485		4.2	12.2	709	26.0		
N828486		1.7	10.7	1660	23.3		
N828487		2.0	11.0	191	23.3		
N828488		2.0	10.3	755	22.2		
N828489		4.7	8.8	>10000	29.3	119	1.620
N828490		4.6	11.2	381	24.8		
N828491		3.4	7.4	1570	22.6		
N828492		2.9	9.4	941	22.8		
N828493		5.6	8.9	1820	19.5		
N828494		2.1	12.3	249	25.2		
N828495		4.9	10.1	333	25.6		

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-70

Finalized Date: 2-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12173675

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
This copy reported on 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12173676

Project: Klaza-75

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158892**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-75

CERTIFICATE OF ANALYSIS WH12173676

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828827		<0.005
N828828		<0.005
N828829		<0.005
N828830		<0.005
N828831		<0.005
N828832		<0.005
N828833		<0.005
N828834		<0.005
N828835		<0.005
N828836		<0.005
N828837		<0.005
N828838		0.777
N828839		<0.005
N828840		<0.005
N828841		<0.005
N828842		<0.005
N828843		<0.005
N828844		<0.005
N828845		<0.005
N828846		<0.005
N828847		<0.005
N828848		<0.005
N828849		<0.005
N828850		<0.005
N828951		0.010
N828952		<0.005
N828953		0.149
N828954		<0.005
N828955		<0.005
N828956		<0.005
N828957		<0.005
N828958		<0.005
N828959		2.36
N828960		<0.005
N828961		<0.005
N828962		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158892**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
This copy reported on 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12173677

Project: Klaza-66

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12173677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N829667		0.23	7.48	35.0	1360	1.59	0.93	3.55	0.17	50.0	12.4	8	22.1	4.8	3.45	14.30
N829668		0.48	7.21	27.8	2070	1.83	1.11	3.11	2.41	57.8	9.3	8	19.75	7.5	3.90	14.15
N829669		11.70	5.95	513	610	1.26	15.65	2.14	35.5	36.0	17.7	6	11.55	473	8.09	13.50
N829670		2.23	7.47	116.5	1050	1.67	5.43	1.96	1.84	54.1	9.2	9	14.70	62.6	4.82	16.35
N829671		>100	5.73	6970	820	1.06	68.6	1.94	219	30.9	8.2	17	10.20	1300	8.16	11.55
N829672		5.01	6.33	300	230	1.41	10.60	1.63	20.1	43.1	13.3	7	14.50	88.9	6.81	13.90
N829673		11.55	6.03	1370	470	1.17	24.0	0.86	25.8	36.2	8.6	7	11.10	250	8.19	13.50
N829674		0.08	0.12	6	20	0.09	0.11	21.3	0.17	1.33	0.6	1	0.30	3.3	0.49	0.34
N829675		2.11	7.18	216	360	1.35	3.09	0.90	1.36	54.5	5.9	8	9.33	90.0	6.92	15.95
N829676		1.09	7.92	426	860	1.60	1.99	1.84	1.12	51.5	5.4	10	13.65	35.2	5.70	17.40
N829677		2.11	7.73	1645	600	1.73	3.11	0.98	2.50	58.3	5.9	8	11.75	134.5	7.53	18.00
N829678		1.39	7.84	3970	850	1.73	2.61	0.75	3.77	59.1	5.4	8	8.73	36.2	8.92	20.8
N829679		0.29	8.19	72.0	2200	1.54	0.40	2.77	0.38	48.2	6.2	9	18.95	46.4	3.68	16.40
N829680		0.29	8.01	35.9	2160	1.48	0.81	2.13	0.30	50.1	9.7	9	15.85	30.3	4.18	16.35
N829681		26.5	6.33	3750	290	1.34	19.30	2.38	81.5	44.2	10.7	19	14.05	463	6.91	13.75
N829682		0.43	7.85	71.1	1850	1.54	0.60	1.85	1.27	48.4	7.7	9	16.10	15.1	4.00	15.80
N829683		10.00	5.98	6230	480	1.35	15.50	1.46	27.0	44.8	10.2	8	14.05	448	6.91	14.25
N829684		0.38	7.24	44.3	1770	1.69	0.59	2.84	0.72	50.6	5.9	10	28.4	9.3	2.72	15.25
N829685		0.14	8.22	11.1	2340	1.94	0.27	2.27	0.15	44.6	7.5	10	21.4	13.1	4.25	16.35
N829686		0.60	7.72	51.0	1380	1.64	1.41	2.56	0.66	49.8	9.1	10	17.40	38.0	3.98	15.75
N829687		1.09	7.82	427	1640	2.14	1.11	3.12	5.21	65.8	6.4	12	28.4	26.0	3.27	16.95
N829688		0.46	7.81	98.4	2280	2.36	0.52	3.98	1.34	68.0	5.3	11	24.0	17.9	2.89	17.90
N829689		0.19	7.61	39.2	2540	2.08	0.25	4.33	0.91	66.9	4.9	10	23.4	4.4	2.83	16.25
N829690		0.28	7.84	16.6	1870	1.49	0.58	2.86	0.21	46.0	8.8	9	18.95	16.7	3.24	15.45
N829691		0.26	7.88	85.3	2250	1.66	0.61	2.55	0.21	48.8	8.9	10	24.2	20.2	3.24	16.15
N829692		1.14	7.27	279	1200	1.43	1.73	1.62	0.59	50.9	7.4	8	13.40	82.4	4.94	14.65
N829693		0.82	7.74	1360	820	1.50	1.92	1.83	2.08	47.8	8.6	8	11.55	29.8	4.75	15.50
N829694		0.55	7.41	153.5	1700	1.53	0.64	2.59	3.70	44.7	8.3	9	16.95	15.7	3.53	14.85
N829695		5.80	6.13	448	310	1.43	8.14	2.96	17.40	41.6	13.6	7	13.40	164.5	6.16	13.05
N829696		0.04	0.09	<5	40	0.07	0.05	21.2	0.11	1.27	0.6	<1	0.33	2.3	0.48	0.28
N829697		0.13	7.55	12.1	2130	1.52	0.34	2.13	0.19	31.8	6.8	9	16.00	13.3	3.17	15.60
N829698		0.29	7.06	27.8	1570	1.27	0.76	2.82	0.37	39.4	7.0	9	13.65	22.6	2.50	15.05
N829699		1.18	7.27	416	640	1.62	1.47	2.43	3.00	47.9	8.9	7	16.50	81.9	4.25	15.70
N829700		1.84	7.44	785	440	1.49	3.10	2.06	0.58	49.2	9.5	9	14.35	35.1	4.69	16.05
N829701		0.83	7.60	149.0	2070	1.45	1.73	2.22	0.40	43.1	7.1	10	15.10	51.0	3.88	15.00
N829702		0.96	7.60	146.5	1940	1.53	1.68	2.17	0.40	45.9	7.5	10	15.65	52.0	3.84	15.70

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12173677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N829667		0.17	0.9	0.232	2.95	29.4	13.6	1.14	1000	0.54	0.11	6.1	3.2	590	13.1	132.0
N829668		0.17	0.9	0.372	2.92	34.6	14.2	1.05	1300	0.90	0.09	6.2	3.6	570	114.0	128.0
N829669		0.14	0.7	0.564	2.58	18.7	14.5	0.97	7370	2.96	0.04	5.0	3.0	440	934	137.0
N829670		0.17	1.1	0.219	2.79	32.4	37.3	0.95	1880	1.91	0.04	7.0	3.2	590	117.5	147.0
N829671		0.08	1.1	4.13	2.35	17.0	27.4	0.62	3000	13.90	0.09	4.9	11.8	470	9310	125.5
N829672		0.14	1.0	0.219	2.67	22.8	20.2	0.88	9000	2.91	0.03	5.9	3.1	510	710	139.0
N829673		0.13	1.0	0.367	2.68	19.6	12.2	0.62	2210	4.10	0.03	5.1	2.7	430	794	164.5
N829674		0.14	<0.1	0.012	0.04	0.7	1.2	13.10	235	0.25	0.01	0.2	2.0	180	5.4	2.2
N829675		0.15	1.2	0.281	3.25	29.4	8.9	0.99	1710	1.41	0.04	6.8	2.7	550	77.7	191.0
N829676		0.14	1.2	0.222	3.23	30.0	28.3	0.98	1240	3.65	0.43	7.4	3.0	660	62.8	163.5
N829677		0.14	1.2	0.326	3.39	33.5	17.4	1.01	2010	2.02	0.04	6.7	3.2	570	154.0	184.0
N829678		0.17	1.1	0.269	3.48	31.5	10.8	0.81	1740	3.57	0.06	6.9	3.3	620	133.5	186.0
N829679		0.14	1.2	0.093	2.67	24.3	30.3	0.90	738	0.52	0.31	7.9	3.0	700	18.1	85.8
N829680		0.17	1.0	0.155	2.40	25.8	49.4	0.87	741	3.14	0.10	7.6	3.8	640	20.8	99.1
N829681		0.14	1.0	1.700	2.76	22.5	23.4	0.97	2040	13.30	0.04	5.6	16.4	470	2970	153.0
N829682		0.13	1.3	0.085	2.46	26.3	53.1	0.75	1080	7.71	0.06	7.6	3.0	610	63.3	92.7
N829683		0.14	0.9	0.616	2.29	26.5	32.0	0.63	1840	6.33	0.03	5.5	4.7	440	516	139.5
N829684		0.15	1.5	0.086	2.74	27.0	49.8	0.82	934	1.85	0.05	7.8	2.5	680	39.3	104.5
N829685		0.16	1.2	0.049	2.88	21.9	29.4	0.96	565	1.64	1.13	8.1	3.2	640	16.9	100.5
N829686		0.15	1.0	0.096	2.76	26.4	70.2	0.87	1120	1.14	0.50	7.2	3.1	610	38.4	117.0
N829687		0.20	2.4	0.056	2.94	36.4	42.1	1.04	1400	2.03	0.07	10.3	3.1	870	124.0	112.5
N829688		0.17	2.5	0.048	3.05	34.5	56.2	1.09	1120	1.63	0.07	11.0	3.2	890	51.7	100.5
N829689		0.17	2.3	0.038	2.84	35.0	55.6	1.14	1230	1.15	0.09	10.2	2.9	860	35.0	89.9
N829690		0.15	1.0	0.066	2.84	24.3	31.4	0.89	780	1.10	1.00	6.8	2.7	600	20.2	99.1
N829691		0.16	1.2	0.076	2.81	26.3	37.6	0.76	497	1.45	1.57	7.7	3.1	630	22.8	107.0
N829692		0.15	1.2	0.135	2.77	28.2	45.3	0.85	988	0.53	0.11	6.6	2.7	560	56.2	153.5
N829693		0.16	1.0	0.137	2.31	24.9	29.2	0.68	630	0.65	0.55	7.2	2.7	600	77.8	105.5
N829694		0.16	1.0	0.117	2.78	24.1	48.4	0.83	4360	0.64	0.06	6.6	3.0	580	114.0	98.9
N829695		0.13	0.7	0.183	2.60	23.2	19.2	1.09	4440	5.71	0.04	5.3	3.4	440	378	134.5
N829696		0.13	<0.1	0.012	0.04	0.6	1.2	13.05	227	0.23	<0.01	0.2	1.6	180	2.8	2.0
N829697		0.16	1.2	0.062	2.77	14.1	59.2	0.74	558	3.51	0.10	7.8	2.8	650	17.5	67.5
N829698		0.15	1.0	0.098	2.51	19.5	71.7	0.69	649	6.34	0.06	7.2	2.6	620	21.4	75.6
N829699		0.16	1.0	0.293	2.98	26.4	30.4	0.95	1820	43.6	0.05	6.8	2.9	540	128.0	148.5
N829700		0.16	1.0	0.129	3.00	25.5	31.7	0.74	662	4.65	0.09	7.0	2.8	590	78.8	137.0
N829701		0.15	1.0	0.169	3.40	23.3	29.1	0.79	934	4.07	0.09	6.7	2.8	620	39.6	128.5
N829702		0.17	1.0	0.175	3.32	25.9	30.7	0.78	921	3.16	0.09	7.0	3.0	600	37.3	136.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12173677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N829667		0.002	1.34	8.02	9.8	1	3.8	137.5	0.56	0.08	12.4	0.226	2.13	3.2	67	2.7
N829668		0.003	1.01	7.31	10.0	1	5.0	113.5	0.56	0.10	12.5	0.220	2.07	2.8	64	4.1
N829669		0.003	6.69	47.8	8.5	2	11.5	70.8	0.45	0.51	9.3	0.179	2.36	4.3	56	7.3
N829670		0.003	1.71	16.10	10.7	1	6.4	106.0	0.58	0.32	13.5	0.247	2.42	3.5	68	6.2
N829671		<0.002	7.10	211	6.7	1	8.0	121.5	0.42	0.43	7.3	0.175	2.01	4.7	52	3.7
N829672		0.003	4.24	25.7	8.5	1	7.8	74.0	0.54	0.66	11.5	0.207	2.46	3.7	60	7.1
N829673		<0.002	6.56	43.9	7.5	1	9.0	34.0	0.49	0.54	9.8	0.172	2.19	3.3	53	7.2
N829674		0.002	0.02	0.36	0.3	1	0.5	44.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6	1	0.1
N829675		<0.002	3.95	13.05	9.3	1	8.5	42.6	0.67	0.34	13.2	0.229	2.76	5.1	66	8.5
N829676		0.004	2.41	6.77	10.6	1	6.4	153.0	0.70	0.11	13.6	0.266	2.33	5.1	73	6.1
N829677		0.004	2.83	10.60	10.0	1	10.6	51.0	0.64	0.12	13.8	0.237	2.93	5.0	67	12.0
N829678		0.003	6.06	10.15	10.6	1	10.8	39.8	0.60	0.11	12.7	0.248	2.99	4.1	70	15.4
N829679		0.002	0.27	15.80	10.6	1	3.6	204	0.74	<0.05	11.3	0.294	1.62	4.7	82	3.3
N829680		0.005	0.66	14.55	10.7	<1	6.1	163.5	0.64	0.05	13.8	0.274	1.56	4.0	79	5.2
N829681		0.007	5.10	92.1	7.9	1	8.3	94.6	0.49	0.40	10.0	0.187	2.53	5.1	59	5.1
N829682		0.009	0.44	12.80	10.5	<1	4.8	129.5	0.68	<0.05	14.6	0.273	1.55	3.6	76	6.5
N829683		0.005	5.54	113.5	7.8	1	9.2	73.2	0.48	0.75	10.7	0.186	1.88	3.5	54	8.0
N829684		0.004	0.55	12.75	8.3	1	3.5	169.0	0.66	0.06	10.5	0.251	1.76	5.0	65	3.6
N829685		0.005	0.08	4.30	11.0	1	2.5	347	0.64	<0.05	11.8	0.279	1.17	3.5	76	1.7
N829686		0.004	1.01	15.90	10.7	<1	4.0	202	0.62	0.07	12.2	0.264	1.96	4.4	73	5.4
N829687		0.004	0.88	11.70	6.3	1	3.3	229	0.75	<0.05	11.2	0.260	1.89	5.4	53	3.3
N829688		0.003	0.20	10.65	6.3	<1	2.8	281	0.81	<0.05	10.0	0.272	1.96	5.4	54	2.1
N829689		0.004	0.12	8.37	5.7	1	2.0	303	0.76	<0.05	10.0	0.258	1.74	4.9	50	1.4
N829690		0.004	0.67	5.68	9.5	1	2.6	294	0.54	0.06	10.8	0.262	1.60	3.3	69	4.7
N829691		0.003	0.37	6.16	10.5	1	2.9	343	0.64	<0.05	12.8	0.264	1.33	4.4	71	3.5
N829692		0.005	1.74	18.85	9.5	<1	6.6	104.0	0.67	<0.05	15.1	0.241	2.12	4.2	66	6.8
N829693		0.004	1.44	13.40	10.1	<1	7.7	160.0	0.66	<0.05	12.1	0.251	1.46	3.2	67	6.2
N829694		0.003	0.72	11.85	9.5	<1	3.9	127.5	0.59	0.07	12.1	0.250	2.13	4.0	69	4.6
N829695		0.002	4.65	31.8	8.0	1	8.2	91.1	0.47	0.72	10.1	0.190	2.26	5.8	57	6.2
N829696		0.004	0.02	0.27	0.2	<1	0.5	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2	0.1
N829697		0.002	0.21	7.79	8.9	1	2.5	132.5	0.75	<0.05	10.3	0.279	1.47	3.6	77	6.3
N829698		0.003	0.62	12.10	9.3	<1	2.7	180.5	0.64	0.06	10.7	0.260	1.54	3.7	73	11.9
N829699		0.004	1.97	13.80	10.6	1	6.0	112.0	0.60	0.21	11.7	0.249	2.04	4.6	74	10.9
N829700		0.003	2.70	9.57	10.4	1	6.0	121.0	0.60	0.29	11.8	0.251	1.88	3.7	70	8.5
N829701		0.002	1.35	9.46	9.7	<1	3.6	141.0	0.57	0.22	11.9	0.263	2.03	4.4	74	11.0
N829702		0.002	1.32	9.64	10.3	1	3.9	140.5	0.60	0.34	13.0	0.257	2.01	4.9	72	10.8

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2012
Account: ROCKHA

Project: Klaza-66

CERTIFICATE OF ANALYSIS WH12173677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	2	0.5	1	0.001
N829667		14.8	39	21.4		
N829668		14.7	251	21.4		
N829669		9.6	3020	16.5		
N829670		12.6	189	24.3		
N829671		8.6	>10000	30.5	118	1.585
N829672		10.1	1720	23.1		
N829673		7.5	2170	21.0		
N829674		0.8	24	<0.5		
N829675		8.6	158	26.3		
N829676		12.3	138	26.6		
N829677		8.8	296	27.0		
N829678		8.9	360	25.9		
N829679		14.9	73	27.1		
N829680		14.8	63	24.9		
N829681		10.1	5720	24.5		
N829682		14.2	135	29.0		
N829683		9.3	2040	20.7		
N829684		12.3	105	42.6		
N829685		15.6	49	28.3		
N829686		14.2	98	24.0		
N829687		12.5	510	75.0		
N829688		13.2	165	80.4		
N829689		13.3	127	78.1		
N829690		14.1	51	24.0		
N829691		15.6	45	26.0		
N829692		11.7	95	23.4		
N829693		13.3	164	22.1		
N829694		13.6	316	21.5		
N829695		11.2	1420	17.6		
N829696		0.8	20	<0.5		
N829697		11.2	47	26.7		
N829698		13.0	56	23.7		
N829699		13.4	290	22.4		
N829700		14.1	73	23.2		
N829701		12.9	69	22.5		
N829702		13.9	65	22.5		

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-66

Finalized Date: 7-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12173677

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174364

Project: Klaza TR-12-1

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

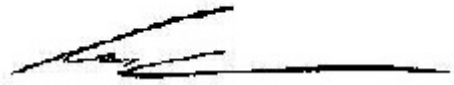
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174364

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815109		7.15	0.113	2.31	8.16	81.0	1800	1.66	3.22	0.37	5.11	45.0	13.5	90	14.25	319
N815110		6.64	0.359	6.70	7.84	425	990	1.81	41.5	0.19	8.91	50.1	18.1	140	29.9	1135
N815111		7.14	0.188	5.04	7.98	278	1070	1.61	3.41	0.16	4.88	49.8	7.8	34	26.3	603
N815112		4.72	0.179	2.00	7.92	64.9	1970	1.60	2.67	0.60	2.71	59.7	10.2	8	13.25	186.5
N815113		5.05	0.304	4.77	8.17	115.5	1890	1.49	6.27	0.43	4.05	65.1	9.3	8	14.90	173.5
N815114		4.16	0.853	30.3	7.35	465	2090	1.48	47.9	0.35	3.99	69.0	3.5	7	11.25	254
N815115		4.24	0.030	0.50	8.17	16.2	2260	1.66	0.79	1.26	0.95	56.8	7.3	9	7.89	100.0
N815116		6.18	0.033	0.49	8.28	29.8	1750	1.77	0.82	0.57	0.95	68.2	10.7	7	16.20	139.0
N815117		6.69	0.034	0.44	8.25	23.9	1740	1.81	0.83	0.41	0.77	65.0	9.2	7	16.85	110.0
N815118		5.41	0.077	3.13	8.16	87.5	1580	1.59	7.84	0.20	0.95	50.3	9.8	6	18.75	182.0
N815119		2.85	0.037	0.74	8.57	57.3	1670	1.82	0.71	0.38	6.28	53.7	8.0	7	24.1	307
N815120		3.24	0.538	10.40	7.19	333	780	1.39	5.06	0.17	3.81	53.1	1.0	6	19.60	109.5
N815121		3.57	0.114	0.97	8.58	110.0	2400	2.16	0.57	0.23	29.3	59.3	13.1	5	18.40	229
N815122		3.45	0.254	5.48	7.58	201	810	1.50	2.80	0.17	2.22	54.0	1.3	6	22.8	128.0
N815123		3.29	<0.005	0.02	0.09	<5	30	0.08	0.04	21.1	0.09	1.39	1.3	<1	0.57	2.3
N815124		4.14	0.238	6.84	7.03	210	640	1.15	2.73	0.19	4.08	49.1	0.6	5	17.60	119.0
N815125		5.70	0.030	1.07	8.01	95.9	1960	2.05	1.46	0.41	10.80	55.6	10.0	6	17.15	424
N815126		3.92	0.046	0.59	7.91	68.2	1740	1.94	0.97	0.30	6.13	55.5	8.4	6	23.4	223
N815127		3.96	0.093	0.40	8.05	31.8	2030	1.62	0.72	0.26	4.73	57.3	8.5	6	22.5	131.0
N815128		3.75	0.258	1.87	7.67	45.5	2520	1.66	1.21	0.28	6.07	61.0	13.9	6	13.90	255
N815129		5.63	0.312	>100	7.79	179.5	2150	1.76	210	0.61	3.33	57.1	7.4	7	14.75	438
N815130		6.49	0.136	1.20	7.77	54.5	1980	1.64	3.37	0.74	1.69	63.5	8.6	9	12.05	179.5
N815131		3.20	0.356	6.15	7.78	63.0	1670	1.81	2.05	0.80	1.83	61.8	7.7	12	11.80	116.5
N815132		0.26	1.300	35.4	7.84	541	1240	1.94	1.32	0.30	31.1	76.7	5.1	16	3.30	130.5
N815133		4.33	0.077	0.43	8.15	42.1	2090	1.71	0.54	0.63	1.51	58.6	10.0	11	18.05	79.6
N815134		6.16	0.077	1.49	7.41	318	1890	1.65	0.73	0.22	2.52	55.2	8.1	11	24.9	143.0
N815135		4.49	0.072	0.90	7.86	152.5	1970	1.64	0.63	0.20	1.96	51.5	7.9	11	20.1	103.0
N815136		4.09	0.043	0.33	8.11	23.1	2400	1.31	0.65	0.25	0.83	47.6	8.3	11	15.00	67.7
N815137		3.26	0.352	1.65	7.82	106.0	1580	1.66	0.66	0.20	1.65	64.8	8.5	11	19.25	178.5
N815138		4.67	0.050	0.92	8.16	19.7	2250	1.39	0.62	0.35	0.83	47.0	6.3	10	16.00	86.3
N815139		3.39	0.111	0.66	7.88	27.1	1970	1.77	0.54	0.77	0.65	54.0	8.6	9	13.70	129.0
N815140		3.26	0.084	0.86	8.21	18.2	2090	1.36	0.98	0.31	0.59	87.1	5.8	8	13.00	133.5
N815141		3.42	0.126	0.49	7.72	24.0	2380	1.73	0.70	0.36	1.34	70.7	19.2	10	11.85	163.0
N815142		4.07	0.038	0.32	8.28	28.2	2240	1.50	0.63	0.22	2.13	56.6	9.8	11	19.05	86.6
N815143		3.51	0.023	0.17	8.56	12.1	3710	1.38	0.53	0.29	1.09	54.6	9.9	11	11.15	54.1
N815144		5.20	0.413	1.39	8.05	149.5	2030	1.48	0.74	0.20	4.00	56.8	11.2	11	17.25	66.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815109		4.53	18.90	0.07	1.9	0.121	3.10	27.2	19.6	0.51	760	2.96	1.00	8.0	29.0	790
N815110		6.06	18.75	0.11	1.7	0.228	3.09	33.6	11.8	0.28	1500	4.59	0.08	5.5	42.5	750
N815111		4.61	18.90	0.06	1.7	0.233	3.22	32.8	11.1	0.30	400	2.82	0.08	6.4	11.2	650
N815112		4.06	17.30	0.09	1.0	0.089	2.88	36.2	22.5	0.27	431	1.59	1.17	7.2	4.9	620
N815113		4.59	18.20	0.09	1.1	0.200	3.08	38.1	16.6	0.30	555	1.94	0.51	7.4	4.3	600
N815114		6.10	16.80	0.13	0.9	0.341	2.85	47.1	15.0	0.27	193	3.20	0.44	5.1	3.2	680
N815115		3.71	17.20	0.09	1.0	0.043	2.67	30.2	16.4	0.60	333	0.99	1.88	8.2	3.5	650
N815116		3.82	17.80	0.09	1.0	0.045	2.70	42.0	21.7	0.42	449	1.46	0.88	8.1	3.9	680
N815117		4.09	17.25	0.07	1.1	0.037	2.64	40.0	21.7	0.29	379	1.41	0.86	7.0	3.6	640
N815118		4.45	19.25	0.07	1.0	0.094	2.89	30.3	26.6	0.25	243	1.11	0.10	7.2	4.7	580
N815119		3.61	18.40	0.08	1.0	0.067	3.21	31.8	23.0	0.23	1300	1.03	0.07	8.2	3.5	660
N815120		3.15	18.65	0.05	0.9	0.540	3.06	33.3	14.5	0.29	395	0.79	0.04	7.1	0.7	550
N815121		4.02	18.85	0.08	0.9	0.068	2.86	34.3	26.4	0.24	4230	0.93	0.06	8.6	5.0	740
N815122		2.92	17.35	0.07	1.0	0.190	3.09	32.3	14.3	0.29	336	0.76	0.05	7.7	0.8	580
N815123		0.46	0.35	<0.05	<0.1	<0.005	0.04	0.7	1.1	12.60	207	0.11	0.01	0.4	2.3	190
N815124		2.70	16.50	<0.05	0.9	0.370	2.94	31.9	13.6	0.28	176	0.77	0.04	7.3	0.5	400
N815125		4.54	17.20	0.08	1.0	0.095	2.99	30.6	22.6	0.40	1450	1.06	0.17	7.9	3.7	650
N815126		3.83	17.10	0.08	0.9	0.085	2.91	32.4	24.5	0.29	544	0.97	0.15	8.1	2.9	590
N815127		3.60	17.15	0.07	1.0	0.057	3.19	34.9	23.2	0.27	395	1.20	0.13	7.5	2.8	570
N815128		3.32	16.20	0.06	1.2	0.139	3.42	36.7	19.3	0.21	499	11.55	0.77	7.6	2.3	590
N815129		4.32	16.30	0.07	1.1	0.460	2.96	36.3	14.0	0.28	517	1.38	1.10	7.7	2.8	650
N815130		3.72	16.50	0.09	1.0	0.119	2.75	37.7	20.2	0.37	515	1.28	1.08	8.3	3.9	670
N815131		3.52	16.20	0.06	1.0	0.129	2.68	33.7	18.2	0.42	561	1.39	1.22	7.8	4.5	650
N815132		5.81	22.0	0.15	2.4	0.250	3.52	41.0	23.4	0.29	1080	5.68	0.08	12.2	6.1	1800
N815133		3.53	17.55	0.07	1.0	0.088	2.82	31.8	21.0	0.30	602	1.57	1.14	8.1	4.2	660
N815134		3.99	17.00	0.11	0.9	0.117	2.61	41.6	30.0	0.22	660	1.93	0.10	8.0	4.6	600
N815135		3.42	18.35	0.12	1.0	0.062	2.74	34.2	27.7	0.19	833	1.84	0.10	8.7	4.0	580
N815136		3.45	18.50	0.11	1.1	0.062	2.80	24.4	30.0	0.27	478	1.31	0.14	9.0	3.6	640
N815137		3.63	18.35	0.15	1.0	0.062	2.89	45.0	29.2	0.22	1020	2.17	0.06	8.7	4.1	610
N815138		3.10	19.35	0.11	1.1	0.053	2.88	24.1	29.5	0.38	319	0.84	0.28	8.9	3.5	650
N815139		3.83	17.80	0.15	1.1	0.056	2.54	30.7	17.8	0.48	394	1.25	1.72	7.6	3.4	640
N815140		3.27	18.55	0.14	1.1	0.077	2.85	42.2	22.5	0.28	329	1.33	0.60	7.9	2.8	610
N815141		4.31	18.35	0.16	1.0	0.065	2.96	39.9	20.8	0.26	416	3.05	0.83	7.4	4.3	640
N815142		3.78	19.60	0.15	1.1	0.065	2.69	34.4	33.2	0.17	510	2.04	0.28	8.7	4.4	660
N815143		3.61	19.05	0.13	1.1	0.034	2.95	25.8	26.9	0.36	189	0.95	0.40	8.3	3.3	620
N815144		3.85	18.25	0.15	1.1	0.063	2.68	35.8	37.4	0.17	514	2.09	0.10	8.7	3.8	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815109		219	180.5	<0.002	0.22	16.05	11.7	1	3.5	203	0.72	0.25	12.6	0.261	2.48	4.5
N815110		225	166.5	<0.002	0.21	78.9	16.1	2	5.5	116.5	0.47	0.57	11.0	0.244	3.13	7.0
N815111		113.5	174.0	<0.002	0.20	85.5	12.8	2	5.6	101.5	0.53	0.48	13.3	0.243	2.91	5.3
N815112		87.1	152.0	<0.002	0.13	8.35	11.7	1	5.0	201	0.62	0.21	16.8	0.239	1.91	3.5
N815113		271	168.0	<0.002	0.27	18.65	12.9	2	7.0	141.5	0.64	0.21	18.5	0.258	2.35	3.8
N815114		1060	155.5	<0.002	0.31	141.0	11.8	3	8.6	138.0	0.42	0.69	16.0	0.203	2.16	5.1
N815115		35.3	129.0	<0.002	0.08	3.78	12.4	1	2.7	312	0.67	0.11	16.2	0.268	1.39	3.1
N815116		28.1	140.5	<0.002	0.04	14.75	13.6	1	3.1	153.5	0.70	0.13	16.2	0.260	1.54	4.1
N815117		49.8	139.0	<0.002	0.07	14.30	12.6	1	3.0	129.5	0.60	0.14	18.2	0.248	1.69	3.8
N815118		50.3	166.0	<0.002	0.05	18.40	13.0	1	3.9	60.4	0.57	0.23	15.6	0.237	1.98	4.2
N815119		34.1	178.0	<0.002	0.15	13.55	13.1	1	2.8	38.0	0.65	0.12	16.6	0.271	2.54	4.7
N815120		3250	208	<0.002	0.55	26.7	10.9	1	20.2	95.5	0.60	0.17	13.7	0.243	3.83	2.3
N815121		53.5	162.5	<0.002	0.10	13.80	13.1	1	2.5	50.8	0.69	0.13	16.1	0.281	2.89	5.4
N815122		1525	191.0	<0.002	0.39	24.3	12.0	1	7.6	139.5	0.66	0.23	16.2	0.249	3.97	3.3
N815123		2.8	3.5	<0.002	0.01	0.07	0.3	1	<0.2	54.0	<0.05	<0.05	<0.2	<0.005	0.03	0.9
N815124		1895	181.5	<0.002	0.57	45.0	9.9	1	11.2	96.6	0.61	0.08	13.3	0.244	3.77	2.3
N815125		69.8	151.5	<0.002	0.07	10.45	12.2	1	3.1	79.8	0.66	0.10	15.8	0.258	2.06	4.9
N815126		49.7	153.5	<0.002	0.05	13.70	12.0	1	3.2	67.2	0.66	0.23	15.9	0.258	2.01	4.2
N815127		26.1	159.5	<0.002	0.08	13.70	11.8	1	3.5	70.8	0.67	0.17	17.1	0.253	2.19	4.2
N815128		291	178.5	<0.002	0.16	18.10	11.4	1	5.3	121.5	0.76	0.19	19.6	0.225	2.21	4.5
N815129		2320	148.5	<0.002	0.11	32.2	12.0	2	5.4	189.5	0.71	0.54	18.0	0.246	1.86	4.8
N815130		64.6	138.0	<0.002	0.05	11.05	11.8	2	3.4	188.5	0.69	0.44	16.2	0.274	1.65	3.7
N815131		314	142.0	<0.002	0.03	7.70	11.3	1	3.5	201	0.64	0.14	15.6	0.272	1.50	3.2
N815132		4010	178.0	0.004	0.63	66.9	15.7	5	21.3	400	0.83	0.30	8.2	0.464	2.00	4.1
N815133		113.0	137.0	<0.002	0.04	8.57	11.2	2	2.4	181.5	0.60	0.19	15.6	0.265	1.77	3.7
N815134		121.5	139.5	<0.002	0.03	29.6	11.6	2	2.3	41.0	0.57	0.23	14.2	0.247	2.33	4.3
N815135		55.1	138.5	<0.002	0.04	20.1	12.4	2	2.4	41.1	0.63	0.28	13.4	0.274	2.46	4.1
N815136		22.8	134.5	<0.002	0.04	10.35	12.4	2	2.2	70.0	0.68	0.31	14.5	0.276	1.67	3.4
N815137		70.2	160.5	<0.002	0.04	27.4	12.8	2	2.5	34.2	0.64	0.33	15.5	0.265	2.56	4.5
N815138		55.1	126.5	<0.002	0.02	10.95	12.0	2	2.3	89.8	0.68	0.30	15.2	0.265	1.54	3.0
N815139		40.4	113.5	<0.002	0.05	6.38	12.4	1	2.8	240	0.69	0.17	12.9	0.271	1.48	3.1
N815140		49.2	123.0	0.002	0.02	7.54	11.2	1	2.9	100.5	0.76	0.43	23.0	0.266	1.66	3.5
N815141		21.8	132.0	0.002	0.05	10.75	12.8	1	3.1	134.0	0.70	0.23	17.4	0.256	1.73	5.1
N815142		20.7	135.5	<0.002	0.05	17.80	12.3	2	2.5	68.6	0.68	0.29	15.9	0.264	1.59	4.6
N815143		21.2	136.0	<0.002	0.06	9.46	12.4	2	2.3	121.5	0.68	0.17	16.3	0.270	1.51	4.0
N815144		569	152.5	<0.002	0.05	20.3	12.5	2	3.1	54.9	0.70	0.27	16.4	0.263	1.91	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174364

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815109		88	4.1	13.8	406	52.2	
N815110		105	5.0	19.2	766	51.7	
N815111		87	14.6	16.0	421	52.0	
N815112		71	3.2	15.1	248	23.3	
N815113		76	2.9	15.6	380	24.0	
N815114		70	3.7	14.9	464	20.6	
N815115		77	2.7	15.9	114	22.7	
N815116		78	2.0	20.6	135	23.4	
N815117		73	2.7	18.7	135	23.7	
N815118		76	3.3	16.4	316	22.8	
N815119		77	2.6	18.9	727	23.3	
N815120		67	13.3	6.2	343	20.0	
N815121		77	2.5	23.2	2610	20.8	
N815122		69	9.0	10.8	372	21.9	
N815123		2	0.1	1.0	22	<0.5	
N815124		66	8.8	7.2	230	20.0	
N815125		72	2.4	18.0	1060	22.0	
N815126		71	2.1	17.4	608	22.2	
N815127		73	2.7	16.5	457	22.8	
N815128		65	3.3	17.7	546	25.3	
N815129		69	2.8	20.2	441	23.6	103
N815130		75	2.3	17.6	152	24.5	
N815131		74	2.2	15.6	238	24.5	
N815132		146	4.0	21.3	2520	63.3	
N815133		75	1.8	16.0	154	25.1	
N815134		70	2.4	21.5	231	23.3	
N815135		76	3.7	20.3	158	23.3	
N815136		77	3.1	16.9	65	25.7	
N815137		77	4.1	22.5	153	24.8	
N815138		73	2.5	14.7	113	26.1	
N815139		78	2.8	20.9	74	22.8	
N815140		72	3.0	19.0	69	24.7	
N815141		74	2.4	26.9	67	24.1	
N815142		77	3.1	19.9	100	27.3	
N815143		77	1.9	18.2	69	26.9	
N815144		79	3.6	21.8	296	27.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174364

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174365

Project: Klaza TR-12-1

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

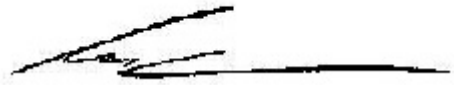
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174365

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815145		3.53	0.055	0.98	7.93	83.0	2360	1.57	0.61	0.33	5.80	62.2	16.7	12	21.0	55.2
N815146		5.91	0.022	0.39	7.93	33.8	2020	1.70	0.34	0.49	2.27	57.2	8.6	10	23.9	40.4
N815147		3.52	0.019	0.24	7.86	13.5	2120	1.81	0.34	1.07	1.21	50.5	8.5	7	12.45	62.5
N815148		4.48	0.327	1.85	7.83	432	2670	1.74	1.22	0.90	4.80	54.9	10.0	7	14.25	89.3
N815149		4.87	0.304	1.71	7.73	332	2770	1.56	0.46	0.72	4.30	50.3	9.8	10	14.80	65.3
N815150		4.03	1.435	11.90	7.64	770	1210	1.65	2.44	0.22	6.61	59.4	8.5	10	19.60	214
N815151		4.37	0.130	1.35	8.07	236	2150	1.52	1.11	0.54	5.72	57.4	11.3	11	14.25	113.5
N815152		5.63	0.395	5.09	7.69	359	2110	1.52	2.47	0.21	8.99	61.7	8.1	11	19.35	173.0
N815153		4.81	0.218	1.63	8.08	211	3700	1.40	1.24	0.30	7.15	61.2	11.1	11	14.70	177.5
N815154		2.76	0.044	39.7	8.39	39.6	2260	1.11	0.34	0.33	3.05	43.3	6.2	11	11.00	32.3
N815155		4.96	0.104	1.09	8.02	124.5	2400	1.56	1.23	0.53	5.56	59.9	10.7	12	13.15	68.0
N815156		3.47	0.090	1.18	7.47	103.5	1330	1.34	1.78	0.11	4.60	55.4	4.6	10	17.70	52.9
N815157		3.81	0.070	0.65	7.93	57.4	1880	1.56	0.79	0.29	3.25	56.1	11.6	10	15.80	43.2
N815158		3.95	0.042	0.29	8.01	38.6	2530	1.54	0.82	0.26	1.94	52.9	9.1	10	18.85	49.7
N815159		3.99	0.043	0.44	7.86	45.7	1630	1.34	0.52	0.29	2.85	53.3	10.7	10	16.20	56.7
N815160		4.92	0.118	2.12	7.82	82.9	2320	1.36	0.91	0.59	2.07	56.7	7.7	9	10.85	49.4
N815161		3.69	0.607	3.83	8.16	1975	1770	1.39	1.18	0.31	10.70	56.5	8.1	11	14.40	122.5
N815162		4.06	0.416	56.2	7.67	304	1240	1.50	0.67	0.19	9.08	53.7	7.0	10	22.3	114.5
N815163		3.66	5.01	49.0	7.51	>10000	1540	1.47	4.90	0.34	38.6	53.1	5.8	10	17.05	569
N815164		3.25	0.103	3.67	8.04	491	1800	1.29	1.33	0.26	13.40	49.1	8.9	10	15.75	96.4
N815165		3.53	0.184	1.03	7.85	313	3420	1.40	1.28	0.84	4.95	58.0	11.5	11	13.35	90.5
N815166		0.23	1.370	33.8	7.97	546	1260	1.75	1.36	0.30	29.6	78.1	5.5	20	3.45	131.0
N815167		2.89	0.247	3.82	7.84	214	1210	1.46	1.50	0.17	8.57	59.0	5.9	10	20.2	180.5
N815168		3.92	0.061	0.54	8.21	66.7	1620	1.59	0.63	0.19	7.14	55.3	9.6	12	21.9	55.4
N815169		3.56	0.008	0.24	8.02	22.2	1730	2.55	0.12	0.93	1.92	72.1	5.5	12	22.9	10.8
N815170		4.31	0.010	0.35	7.91	26.6	7480	2.43	0.16	0.79	1.56	77.0	5.6	9	19.15	12.0
N815171		3.53	0.012	0.35	7.76	21.0	1910	2.52	0.18	0.53	1.08	69.2	5.9	10	21.1	14.4
N815172		3.52	0.009	0.26	8.23	20.1	2060	2.76	0.23	0.50	0.94	81.1	6.4	11	22.3	12.6
N815173		3.24	0.794	5.70	7.44	172.5	3290	2.11	3.15	0.33	14.60	51.7	10.1	10	28.0	99.9
N815174		3.20	0.308	2.40	8.09	289	1370	1.87	1.11	0.21	3.05	52.0	9.3	10	34.9	69.3
N815175		3.68	<0.005	0.06	0.09	5	100	0.08	0.04	22.9	0.14	1.51	0.7	<1	0.27	1.7
N815176		5.65	0.063	0.54	7.84	47.1	2950	2.00	0.66	0.80	2.25	57.8	10.3	11	13.35	48.1
N815177		2.99	0.009	0.20	8.14	17.2	1550	2.30	0.15	1.07	0.40	56.9	6.3	9	24.3	9.8
N815178		4.35	0.018	0.30	8.03	20.1	2720	2.01	0.69	0.48	0.56	54.9	12.2	11	21.9	35.0
N815179		4.49	0.032	0.35	7.84	22.6	1900	1.81	0.37	0.92	1.93	54.4	9.5	13	16.05	50.6
N815180		5.38	0.283	1.57	7.48	139.0	1750	1.66	0.43	0.40	5.99	54.9	11.2	11	20.7	100.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815145		4.45	17.80	0.17	1.2	0.052	2.98	41.0	18.8	0.27	1380	1.79	0.29	8.1	5.2	620
N815146		3.28	17.50	0.14	1.1	0.040	2.59	32.4	28.0	0.28	523	1.24	0.51	8.4	3.8	620
N815147		3.50	17.90	0.15	1.2	0.047	2.56	27.2	18.5	0.76	384	0.81	1.58	8.1	3.3	600
N815148		3.47	17.55	0.17	1.1	0.052	2.68	31.4	17.4	0.57	871	1.28	1.27	7.3	3.3	600
N815149		3.82	15.95	0.14	1.1	0.068	2.75	32.6	17.6	0.38	722	1.47	1.38	6.6	3.4	610
N815150		4.00	18.75	0.17	1.1	1.830	2.94	35.6	19.2	0.25	866	1.68	0.46	8.0	3.6	530
N815151		3.65	18.70	0.16	1.2	0.137	3.07	29.6	19.7	0.26	568	1.16	0.83	8.6	3.3	660
N815152		4.38	17.85	0.20	1.1	0.209	2.87	35.7	23.3	0.24	1190	1.74	0.12	8.0	3.9	610
N815153		4.09	18.75	0.18	1.1	0.091	2.79	37.7	35.4	0.18	769	1.13	0.29	8.3	3.7	650
N815154		2.96	18.80	0.12	1.2	0.050	2.90	14.2	21.7	0.29	385	0.82	0.46	9.4	3.2	660
N815155		4.56	18.00	0.17	1.1	0.105	2.85	32.7	21.2	0.31	603	1.51	0.88	7.5	4.1	590
N815156		3.56	17.15	0.15	1.0	0.072	3.06	35.3	16.2	0.26	363	1.47	0.06	6.5	3.5	450
N815157		3.75	18.40	0.17	1.1	0.057	3.20	30.1	17.8	0.21	456	1.37	0.89	6.0	3.4	620
N815158		3.49	17.90	0.16	1.1	0.057	2.84	29.0	30.4	0.18	293	0.98	1.08	6.9	2.8	600
N815159		3.92	17.80	0.17	1.0	0.041	2.60	26.2	25.7	0.21	692	1.24	0.37	7.2	3.9	590
N815160		3.19	17.90	0.16	1.0	0.094	2.80	28.8	24.5	0.38	266	0.91	1.37	7.4	2.7	630
N815161		4.41	18.55	0.20	1.0	0.157	2.90	39.1	24.3	0.30	512	1.04	0.35	7.9	3.3	630
N815162		3.77	17.75	0.17	1.0	0.356	2.62	33.9	23.5	0.20	281	1.20	0.20	7.0	2.5	590
N815163		6.02	19.65	0.24	1.0	0.890	3.03	36.2	16.8	0.29	485	1.14	0.35	7.5	2.4	580
N815164		3.99	18.40	0.18	1.1	1.485	2.73	26.9	23.4	0.27	774	1.28	0.22	8.3	2.9	630
N815165		3.97	17.30	0.19	1.0	0.076	2.98	33.1	19.5	0.34	347	1.43	1.73	7.8	3.1	610
N815166		5.68	23.2	0.28	2.5	0.258	3.57	39.2	22.5	0.29	1100	5.17	0.07	12.5	7.1	1830
N815167		4.25	18.00	0.18	1.2	0.311	2.86	31.9	24.0	0.25	923	4.34	0.10	7.8	3.2	640
N815168		3.30	19.10	0.16	1.3	0.054	2.75	29.9	98.0	0.20	802	1.62	0.20	8.8	3.6	630
N815169		2.42	20.7	0.15	2.6	0.040	2.63	37.8	46.4	0.21	558	1.06	1.04	11.8	5.1	1120
N815170		2.63	20.7	0.17	1.9	0.039	2.57	40.4	45.8	0.24	572	1.14	1.11	11.1	4.5	1090
N815171		2.56	21.9	0.19	2.1	0.055	2.46	33.2	46.4	0.21	596	1.11	1.46	11.6	4.6	1130
N815172		2.78	22.6	0.18	2.2	0.052	2.59	40.1	40.8	0.23	640	1.40	1.42	12.6	5.2	1170
N815173		4.96	18.50	0.19	1.4	0.414	2.94	27.6	52.1	0.27	2520	5.32	0.47	7.4	4.3	670
N815174		5.14	20.2	0.17	1.0	0.166	3.36	26.4	19.8	0.33	599	3.01	0.18	6.7	2.8	480
N815175		0.54	0.23	0.06	<0.1	0.005	0.03	0.7	1.3	13.55	251	0.15	<0.01	0.1	1.6	190
N815176		3.40	18.05	0.13	1.3	0.069	2.74	29.7	37.4	0.39	945	1.57	1.81	8.6	3.9	730
N815177		2.88	20.6	0.13	2.3	0.040	2.35	26.8	47.6	0.24	543	1.61	1.83	10.1	4.2	950
N815178		3.92	19.15	0.16	1.4	0.047	2.52	29.0	31.4	0.25	358	1.16	1.68	9.4	4.0	810
N815179		3.23	18.00	0.15	1.0	0.038	2.55	27.2	23.3	0.38	361	0.95	1.89	8.2	4.4	660
N815180		3.72	17.85	0.14	1.1	0.102	2.93	31.0	25.1	0.26	1300	1.37	0.59	7.7	4.2	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815145		343	150.0	<0.002	0.11	10.45	11.6	2	2.6	65.4	0.70	0.16	18.3	0.236	2.21	5.4
N815146		31.5	129.0	<0.002	0.04	10.80	11.3	2	1.9	99.8	0.72	0.14	17.3	0.252	1.61	4.2
N815147		19.8	108.0	<0.002	0.04	2.39	11.5	1	2.1	270	0.84	0.06	16.3	0.258	1.24	3.2
N815148		298	125.0	0.002	0.06	7.67	11.2	1	4.0	203	0.77	0.05	16.2	0.242	1.45	3.7
N815149		145.5	130.0	0.002	0.08	5.16	10.7	1	2.6	246	0.68	0.13	14.0	0.241	1.73	5.7
N815150		1260	175.5	<0.002	0.09	24.6	11.3	2	9.6	87.8	0.66	0.33	15.4	0.239	2.31	6.9
N815151		123.5	154.5	<0.002	0.04	11.60	11.5	2	3.0	154.0	0.72	0.31	17.6	0.255	1.94	4.8
N815152		446	165.5	<0.002	0.05	44.2	11.5	2	5.7	49.9	0.65	0.20	16.2	0.243	2.07	5.5
N815153		184.0	145.0	<0.002	0.11	33.8	11.7	2	3.9	106.0	0.69	0.40	17.5	0.251	1.80	5.1
N815154		233	132.5	<0.002	0.01	6.60	11.1	2	2.1	97.7	0.81	0.13	15.5	0.284	1.45	2.7
N815155		169.0	147.0	<0.002	0.10	11.25	11.9	2	4.0	162.0	0.61	0.33	16.3	0.249	1.84	4.1
N815156		220	171.5	<0.002	0.14	15.90	11.3	2	4.4	42.2	0.50	0.29	14.9	0.221	2.74	4.4
N815157		112.0	166.0	<0.002	0.10	7.30	10.8	2	2.6	181.0	0.46	0.30	14.8	0.215	2.23	3.1
N815158		42.4	137.0	<0.002	0.12	8.14	11.1	2	2.4	187.5	0.53	0.29	15.5	0.235	1.83	2.8
N815159		99.1	126.0	<0.002	0.07	16.60	11.0	2	2.2	88.1	0.52	0.21	14.8	0.238	1.59	3.3
N815160		300	137.5	<0.002	0.06	15.90	11.5	2	3.5	209	0.57	0.35	15.0	0.244	1.57	3.0
N815161		171.0	150.0	<0.002	0.02	17.65	12.2	2	6.0	87.4	0.61	0.17	14.9	0.249	1.69	5.5
N815162		>10000	151.5	<0.002	0.23	88.7	11.3	2	2.9	47.5	0.55	0.38	14.4	0.232	2.03	5.7
N815163		2630	192.5	<0.002	0.29	110.5	11.5	2	19.2	89.6	0.60	0.37	13.4	0.236	1.86	10.1
N815164		249	135.0	<0.002	0.04	14.35	12.0	2	3.1	63.4	0.65	0.16	14.9	0.257	1.61	4.3
N815165		132.5	137.0	<0.002	0.09	5.40	11.2	2	2.5	298	0.59	0.73	14.3	0.255	1.51	4.2
N815166		4020	176.5	0.004	0.64	68.9	14.5	5	21.7	402	0.80	0.48	7.4	0.461	2.05	3.7
N815167		570	167.0	<0.002	0.12	21.3	10.2	2	3.8	91.1	0.59	0.22	15.2	0.244	2.30	4.5
N815168		58.0	141.5	<0.002	0.08	13.40	11.9	2	2.3	87.7	0.71	0.24	15.7	0.267	1.87	3.6
N815169		29.6	114.5	<0.002	0.02	4.54	6.3	2	1.8	167.5	0.77	<0.05	12.1	0.280	1.55	3.2
N815170		54.8	106.0	<0.002	0.17	3.82	6.3	1	2.0	238	0.76	<0.05	12.1	0.260	1.39	3.0
N815171		36.5	107.0	<0.002	0.03	3.97	6.6	<1	1.5	208	0.75	<0.05	11.7	0.252	1.35	2.9
N815172		37.3	120.0	<0.002	0.03	4.11	6.9	1	1.6	181.5	0.80	<0.05	12.6	0.272	1.49	3.1
N815173		779	157.5	<0.002	0.25	16.45	11.5	2	6.0	136.0	0.54	0.33	12.5	0.232	2.99	4.1
N815174		208	214	<0.002	0.24	17.40	12.4	<1	4.9	70.0	0.46	0.32	12.7	0.209	4.38	3.0
N815175		4.7	1.4	<0.002	0.02	0.18	0.2	<1	0.2	56.7	<0.05	<0.05	<0.2	<0.005	0.05	0.8
N815176		87.8	120.0	<0.002	0.18	5.53	10.3	1	2.4	308	0.63	0.17	13.7	0.266	1.76	3.2
N815177		28.9	107.5	<0.002	0.02	2.84	6.7	2	1.6	270	0.72	<0.05	10.3	0.311	1.32	4.0
N815178		27.4	115.5	<0.002	0.16	4.30	11.6	3	2.4	276	0.66	0.14	12.9	0.304	1.65	3.0
N815179		33.6	111.5	<0.002	0.09	4.62	11.9	1	2.4	313	0.57	0.12	13.1	0.271	1.52	2.6
N815180		172.5	145.0	<0.002	0.08	17.30	11.5	1	2.9	109.0	0.65	0.12	16.0	0.245	2.64	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174365

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N815145		75	1.9	27.6	419	29.1	
N815146		72	1.7	18.1	150	26.9	
N815147		71	1.2	21.0	105	25.4	
N815148		69	2.1	20.6	254	24.3	
N815149		72	2.6	22.4	235	23.5	
N815150		70	4.6	17.4	856	26.6	
N815151		74	3.4	16.2	665	27.9	
N815152		70	4.3	18.3	830	25.2	
N815153		74	3.2	18.8	609	25.1	
N815154		77	4.1	12.7	245	28.1	
N815155		77	2.3	15.9	431	26.9	
N815156		72	6.8	13.8	441	23.5	
N815157		73	1.9	13.2	209	26.8	
N815158		74	1.4	12.6	185	25.6	
N815159		73	1.8	14.5	288	24.4	
N815160		73	4.5	15.0	254	25.4	
N815161		74	3.0	23.2	327	24.5	
N815162		69	2.5	15.3	913	23.1	1.305
N815163		71	6.1	18.7	1100	22.1	
N815164		74	3.6	16.8	1060	24.8	
N815165		75	1.5	16.6	350	23.6	
N815166		149	3.8	19.8	2530	68.5	
N815167		71	3.8	14.3	857	34.7	
N815168		78	2.5	16.4	592	32.9	
N815169		48	1.6	14.4	181	83.2	
N815170		46	1.3	14.9	182	55.7	
N815171		46	1.5	14.3	154	58.4	
N815172		49	1.4	15.0	151	72.1	
N815173		69	5.1	15.4	1400	42.5	
N815174		73	8.5	11.6	407	27.2	
N815175		3	0.1	0.9	26	<0.5	
N815176		68	2.6	14.5	217	34.4	
N815177		53	1.1	13.7	83	72.8	
N815178		78	1.5	16.5	65	39.7	
N815179		77	1.0	15.9	101	27.0	
N815180		72	3.9	20.4	296	25.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174365

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174366

Project: Klaza TR-12-1

P.O. No.: Batch 3

This report is for 9 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

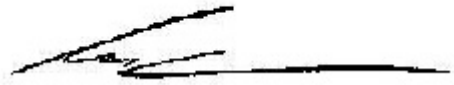
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174366

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815181		4.23	0.599	2.86	7.91	396	1770	1.88	1.02	0.30	10.85	65.8	7.4	10	20.9	108.5
N815182		4.49	0.102	1.99	8.04	121.0	2240	1.84	0.31	0.27	10.45	56.3	8.5	9	25.6	118.0
N815183		0.25	1.390	31.5	7.71	539	1220	1.89	1.20	0.29	30.0	76.5	5.9	18	3.46	131.5
N815184		4.43	0.177	2.80	7.92	177.0	1930	1.81	0.52	0.50	6.32	60.4	9.1	9	14.90	97.2
N815185		4.73	0.043	0.45	7.79	19.3	2100	1.75	0.38	1.05	1.94	54.5	10.1	9	8.44	80.2
N815186		4.12	0.815	25.0	7.11	241	910	2.07	0.47	0.19	15.60	55.1	9.5	8	21.3	182.0
N815187		4.39	0.043	1.22	8.06	49.7	1490	1.94	0.33	0.33	3.98	70.2	9.4	11	21.7	116.5
N815188		4.18	<0.005	0.06	0.09	<5	30	0.05	0.02	20.6	0.10	1.28	1.0	<1	0.54	2.0
N815189		5.98	0.707	1.29	7.92	52.3	2220	1.60	0.79	0.44	2.66	70.9	12.0	10	15.15	323

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815181		4.20	19.50	0.15	1.1	0.243	2.91	43.0	28.5	0.25	908	1.66	0.34	8.4	4.8	630
N815182		3.95	19.15	0.15	0.9	0.062	3.04	33.7	20.7	0.23	1580	1.63	0.07	8.0	5.4	660
N815183		5.67	23.8	0.21	2.5	0.239	3.43	37.5	25.6	0.28	1020	5.86	0.07	11.8	7.5	1760
N815184		3.91	20.2	0.16	1.0	0.078	3.20	35.9	23.5	0.42	622	1.37	0.57	7.7	4.2	610
N815185		3.28	18.70	0.14	1.0	0.045	2.58	28.5	21.7	0.71	331	0.87	1.56	7.7	3.7	620
N815186		4.69	17.60	0.17	0.9	0.580	2.84	32.7	22.1	0.25	1940	4.53	0.08	6.7	4.0	540
N815187		3.27	19.70	0.17	1.2	0.044	2.65	37.7	26.8	0.22	410	3.19	0.57	8.5	5.2	690
N815188		0.47	0.29	0.05	<0.1	0.006	0.04	0.6	1.1	12.35	213	0.13	0.01	0.3	2.3	160
N815189		3.88	18.00	0.14	1.1	0.109	2.62	40.5	17.9	0.46	332	284	1.16	6.5	4.3	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815181		243	175.0	<0.002	0.04	26.3	13.6	1	7.8	75.5	0.75	0.08	16.9	0.260	2.21	5.4
N815182		70.0	166.0	<0.002	0.08	29.2	13.8	1	2.4	36.5	0.62	0.10	13.5	0.268	2.57	4.7
N815183		3950	171.0	0.004	0.61	67.7	15.7	4	21.4	392	0.84	0.31	7.4	0.450	2.05	3.9
N815184		404	182.5	<0.002	0.04	12.85	13.8	1	4.1	125.5	0.63	0.19	13.7	0.250	2.10	4.4
N815185		21.3	123.0	<0.002	0.06	3.55	12.9	1	2.4	250	0.61	0.14	13.2	0.258	1.33	2.9
N815186		2100	161.5	<0.002	0.21	41.5	12.0	1	4.9	36.2	0.57	0.14	13.4	0.233	2.82	7.3
N815187		129.0	138.5	<0.002	0.02	21.3	13.6	1	2.4	93.1	0.72	0.10	16.0	0.271	1.62	3.7
N815188		6.2	2.4	<0.002	0.01	0.15	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N815189		104.5	139.0	0.004	0.26	8.35	11.5	2	2.8	164.5	0.55	0.33	15.2	0.225	1.61	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N815181		78	4.7	21.0	426	24.0
N815182		78	6.7	21.1	435	20.5
N815183		145	3.9	19.6	2480	61.9
N815184		74	3.3	19.5	373	21.2
N815185		73	2.1	15.9	123	21.2
N815186		65	4.3	16.1	1400	20.9
N815187		75	1.9	16.9	324	27.5
N815188		2	0.1	0.8	21	<0.5
N815189		73	1.8	16.2	129	24.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-1

CERTIFICATE OF ANALYSIS WH12174366

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174367

Project: Klaza TR-12-36

P.O. No.: Batch 11

This report is for 25 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

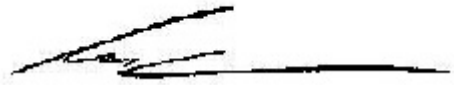
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174367

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815263		4.32	0.029	0.32	7.93	6.3	1190	1.54	0.20	1.58	1.17	53.6	9.4	13	10.50	23.7
N815264		5.28	0.008	0.19	8.05	199.5	1250	1.83	0.19	1.14	0.18	54.4	10.9	11	13.90	10.1
N815265		5.11	<0.005	0.18	8.05	95.3	1450	1.67	1.16	0.86	0.13	57.0	12.7	12	16.20	10.8
N815266		5.00	0.006	0.37	8.07	213	1080	1.75	0.08	0.43	0.25	43.3	10.5	13	22.5	10.7
N815267		5.64	<0.005	0.17	8.24	53.9	1420	1.79	0.41	0.71	0.22	41.8	9.6	14	18.20	29.2
N815268		4.25	<0.005	0.16	8.34	57.7	1220	1.50	0.14	0.87	0.19	54.2	9.1	12	17.60	7.4
N815269		5.09	0.101	1.13	7.21	811	1450	1.73	0.55	0.38	0.48	43.5	11.0	19	19.10	47.3
N815270		4.67	<0.005	0.20	8.12	126.5	1300	1.98	0.21	1.07	0.20	50.4	9.7	29	26.4	14.0
N815271		5.44	0.297	6.85	7.06	1155	1210	1.66	1.53	0.79	2.00	40.9	8.4	12	28.2	119.5
N815272		5.04	0.006	0.19	8.35	49.7	1560	1.70	0.64	1.46	0.25	54.1	13.6	13	22.7	18.8
N815273		4.52	<0.005	0.14	8.17	25.3	1130	1.64	0.11	0.41	0.14	51.3	11.9	11	19.60	20.5
N815274		5.16	<0.005	0.16	7.83	13.2	1240	1.61	0.24	1.34	0.12	42.5	8.8	13	25.2	15.5
N815275		4.51	<0.005	0.22	7.34	15.6	1300	1.57	0.61	0.94	0.11	42.1	9.0	12	13.90	26.2
N815276		4.81	0.079	1.24	7.32	297	1060	1.56	2.17	1.04	2.22	38.9	10.6	12	22.3	18.0
N815277		5.41	0.177	3.06	7.56	495	860	1.33	1.08	0.24	2.25	39.9	8.1	17	16.95	87.3
N815278		4.55	0.014	0.69	7.67	147.0	2690	1.55	0.50	0.45	0.64	41.3	9.0	12	25.9	38.8
N815279		5.07	0.009	0.48	7.98	68.4	1170	1.72	0.42	0.55	0.61	48.4	10.4	16	26.2	38.0
N815280		3.71	<0.005	0.04	0.08	<5	30	<0.05	0.05	20.4	0.07	1.22	0.6	2	0.26	2.0
N815281		5.48	0.043	1.85	7.18	501	1250	1.59	0.61	0.40	1.91	38.9	11.1	13	24.3	45.4
N815282		4.35	0.326	25.2	6.88	768	1050	1.28	1.89	0.38	4.57	39.2	9.4	12	17.10	313
N815283		5.54	0.077	1.56	7.39	677	1770	1.55	0.19	1.42	2.32	34.7	10.1	14	23.7	39.6
N815284		4.23	0.111	1.83	7.89	948	1160	1.52	0.65	1.02	3.18	41.3	11.9	12	15.95	19.5
N815285		5.38	0.062	1.01	8.37	788	1040	1.72	0.18	0.36	3.17	45.3	10.8	18	25.4	39.8
N815286		0.24	1.340	37.3	7.99	535	1260	2.05	1.38	0.31	31.5	78.7	6.2	19	3.42	139.5
N815287		4.50	0.008	0.41	8.16	67.2	1210	1.46	0.23	0.79	0.53	50.7	9.5	13	20.8	21.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815263		3.29	17.90	0.12	0.7	0.048	1.95	26.0	22.2	0.88	744	1.72	1.61	8.4	6.3	570
N815264		3.13	19.15	0.14	0.9	0.030	2.44	29.2	18.9	0.80	1480	2.70	1.98	9.3	6.2	520
N815265		3.59	18.55	0.15	0.8	0.041	2.06	32.0	24.9	0.71	1180	2.38	1.90	8.4	6.1	570
N815266		3.17	19.80	0.16	0.8	0.030	2.77	24.3	23.0	0.35	1140	3.03	0.59	8.7	6.3	570
N815267		3.19	19.90	0.15	0.8	0.030	2.40	22.3	39.7	0.35	912	2.37	0.26	9.1	5.5	580
N815268		3.06	19.80	0.15	0.8	0.032	2.27	29.7	22.2	0.40	957	2.27	1.03	8.9	5.6	590
N815269		3.25	18.30	0.16	0.8	0.050	2.96	29.0	18.3	0.28	3840	7.33	0.35	7.6	6.5	500
N815270		3.16	19.75	0.16	0.8	0.032	2.58	25.8	13.2	0.35	1020	3.52	1.39	8.0	6.3	570
N815271		3.82	16.80	0.15	0.8	0.097	2.57	26.7	22.6	0.29	3810	9.64	0.39	7.4	5.0	500
N815272		3.93	19.45	0.16	0.9	0.047	2.25	29.2	36.7	0.65	1140	2.01	1.63	8.6	8.2	860
N815273		3.39	19.85	0.14	0.7	0.033	2.15	26.4	37.5	0.25	872	2.07	0.89	8.2	6.7	560
N815274		3.14	16.80	0.11	0.6	0.043	2.42	20.7	36.0	0.33	785	2.63	0.51	7.7	5.2	530
N815275		3.22	16.25	0.11	0.7	0.062	2.65	20.4	46.7	0.24	1280	7.57	0.47	7.6	5.2	520
N815276		3.78	17.80	0.11	0.6	0.121	3.06	20.1	13.3	0.26	4280	36.2	0.14	6.5	6.0	460
N815277		4.18	16.05	0.13	0.7	0.137	3.17	21.3	9.8	0.25	4150	7.23	0.07	7.9	5.7	470
N815278		3.46	17.10	0.09	0.5	0.042	3.04	19.6	21.2	0.31	2380	3.94	0.12	7.0	5.9	510
N815279		3.46	17.60	0.12	0.6	0.050	2.19	22.8	39.0	0.28	1360	2.64	0.32	8.1	6.2	580
N815280		0.47	0.23	0.09	<0.1	0.009	0.03	0.5	1.1	12.75	218	0.14	0.01	0.2	2.1	160
N815281		3.58	14.80	0.11	0.5	0.128	2.65	20.3	29.9	0.27	4850	4.86	0.03	6.9	6.0	490
N815282		5.11	16.15	0.11	0.5	0.296	2.91	19.2	18.1	0.24	4480	7.61	0.07	6.3	5.3	400
N815283		3.44	15.85	0.10	0.6	0.055	3.16	16.8	17.1	0.32	3500	3.28	0.06	6.9	6.8	490
N815284		4.82	16.70	0.10	0.5	0.110	3.09	19.0	21.3	0.27	5310	4.23	0.16	7.5	5.5	610
N815285		3.58	18.35	0.14	0.7	0.040	3.07	22.9	28.9	0.27	3060	4.59	0.27	8.2	7.0	600
N815286		5.94	24.5	0.20	2.4	0.238	3.56	34.9	26.3	0.30	1070	5.44	0.08	12.9	7.7	1800
N815287		3.26	17.40	0.13	0.7	0.030	2.35	26.2	58.1	0.19	1220	2.57	0.42	8.3	5.5	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815263		36.8	88.8	<0.002	0.02	4.79	13.5	1	2.0	273	0.79	<0.05	13.1	0.295	0.71	1.9
N815264		17.4	139.0	<0.002	<0.01	5.24	13.4	1	1.4	266	0.95	<0.05	15.7	0.274	1.33	2.3
N815265		16.3	130.5	<0.002	0.02	4.58	13.7	1	4.6	211	0.80	0.05	14.2	0.292	1.40	2.4
N815266		23.4	159.0	<0.002	0.02	11.70	14.7	1	1.4	114.0	0.85	<0.05	14.2	0.292	2.02	2.7
N815267		16.1	122.0	<0.002	0.03	9.50	13.9	1	1.7	97.3	0.90	<0.05	13.7	0.306	1.34	2.2
N815268		20.2	115.0	<0.002	0.03	6.87	14.1	1	1.4	183.0	0.79	<0.05	15.9	0.301	1.17	2.4
N815269		146.0	199.0	<0.002	0.08	20.1	14.4	1	1.4	86.6	0.72	<0.05	12.4	0.261	2.35	2.7
N815270		19.9	145.0	<0.002	0.02	6.70	15.2	1	1.4	221	0.75	<0.05	12.9	0.294	1.53	2.3
N815271		1110	163.0	<0.002	0.10	37.4	13.3	1	1.3	112.0	0.71	<0.05	12.3	0.255	1.73	2.5
N815272		26.0	121.0	<0.002	0.01	6.50	16.8	1	1.7	308	0.72	<0.05	11.7	0.372	1.29	2.3
N815273		23.7	121.0	<0.002	0.01	13.75	14.4	1	1.5	138.5	0.76	<0.05	13.7	0.292	1.19	2.3
N815274		16.4	115.5	<0.002	0.04	10.45	11.3	1	1.2	117.5	0.61	<0.05	11.6	0.286	1.56	1.6
N815275		15.0	143.0	<0.002	0.10	13.90	11.5	1	1.3	108.0	0.61	<0.05	10.8	0.291	2.11	1.9
N815276		141.5	153.5	0.002	0.48	66.2	10.4	1	1.4	95.7	0.53	0.07	9.6	0.252	2.26	2.3
N815277		88.4	175.5	0.002	0.17	140.5	12.4	1	1.8	46.5	0.61	<0.05	11.5	0.295	2.62	2.2
N815278		16.5	199.0	0.003	0.11	23.2	11.7	1	1.5	66.9	0.52	<0.05	10.2	0.267	2.66	2.0
N815279		35.0	126.5	<0.002	0.06	18.10	13.4	1	1.7	92.2	0.60	<0.05	11.2	0.320	1.83	2.2
N815280		1.5	1.5	<0.002	0.02	0.19	0.2	1	0.2	43.1	<0.05	<0.05	0.2	<0.005	0.03	0.6
N815281		121.5	169.0	0.002	0.21	35.1	11.6	1	1.8	59.7	0.51	<0.05	9.6	0.276	2.92	2.1
N815282		518	160.0	<0.002	0.27	168.5	11.4	<1	2.0	69.2	0.45	<0.05	8.8	0.242	2.44	2.9
N815283		73.0	157.5	<0.002	0.10	38.2	10.9	1	1.3	71.3	0.54	<0.05	9.9	0.269	2.30	2.0
N815284		125.5	158.0	<0.002	0.56	58.5	12.5	1	1.6	89.5	0.57	<0.05	10.3	0.306	2.36	2.4
N815285		72.5	172.5	<0.002	0.06	29.7	13.6	1	1.5	78.1	0.65	<0.05	12.3	0.312	3.04	2.4
N815286		3990	177.0	0.008	0.62	66.9	16.1	4	20.6	404	0.77	0.27	7.5	0.462	2.21	3.6
N815287		25.0	122.0	<0.002	0.02	17.00	12.3	<1	1.5	102.5	0.64	<0.05	13.2	0.303	1.73	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174367

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815263		96	5.7	13.3	135	13.3
N815264		86	1.7	15.9	67	16.2
N815265		93	3.4	18.7	66	15.6
N815266		97	3.5	21.0	71	15.2
N815267		96	4.8	18.1	64	15.1
N815268		97	1.5	17.1	62	16.2
N815269		93	1.7	26.9	74	16.1
N815270		105	1.6	16.5	62	15.5
N815271		86	1.9	24.0	197	13.8
N815272		135	1.8	19.2	80	19.3
N815273		95	3.0	17.1	66	13.9
N815274		94	2.2	13.4	72	13.0
N815275		96	1.9	13.2	81	13.7
N815276		111	3.1	15.7	238	14.4
N815277		91	2.9	16.9	235	14.3
N815278		97	2.1	13.9	92	11.6
N815279		101	2.7	15.1	112	11.5
N815280		2	0.1	0.8	15	<0.5
N815281		90	2.7	14.7	252	11.1
N815282		91	1.6	13.1	489	10.1
N815283		92	1.6	11.5	192	10.9
N815284		97	1.9	11.7	262	10.7
N815285		99	3.8	16.1	215	14.3
N815286		145	4.1	20.1	2500	68.7
N815287		95	1.7	14.0	75	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174367

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174368

Project: Klaza TR-12-36

P.O. No.: Batch 10

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174368

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815227		1.81	0.008	0.48	7.89	105.5	2090	1.87	0.90	0.69	3.19	57.4	11.6	10	22.7	36.2
N815228		1.26	<0.005	0.28	8.29	63.5	2140	1.91	0.62	0.56	2.96	48.9	10.2	10	23.8	22.2
N815229		1.48	0.050	1.12	7.93	251	1750	1.69	0.62	0.58	3.84	53.3	10.0	11	22.4	20.9
N815230		1.87	0.022	0.74	7.31	238	3740	1.98	0.65	0.29	4.77	57.7	11.2	9	22.8	25.0
N815231		1.99	<0.005	0.29	8.05	39.8	1430	1.70	0.72	0.84	1.73	49.0	11.5	13	14.90	18.2
N815232		1.73	0.011	0.42	8.32	54.2	1590	1.91	0.71	1.02	2.64	66.1	13.6	14	20.1	32.1
N815233		4.77	0.007	0.33	8.10	52.9	1850	1.77	0.83	1.33	1.85	55.8	10.9	14	14.00	38.3
N815234		5.62	0.078	1.46	7.74	148.0	1220	1.78	1.37	0.22	3.76	47.4	9.3	11	22.3	36.8
N815235		4.70	<0.005	0.27	8.26	36.7	2000	1.59	0.68	1.54	1.28	49.9	10.8	13	9.85	52.9
N815236		0.48	1.315	34.7	8.00	562	1260	2.10	1.29	0.29	32.3	73.4	6.4	19	3.57	136.5
N815237		5.75	<0.005	0.33	7.82	23.6	2020	1.62	0.55	0.62	1.24	48.3	9.0	11	18.35	20.9
N815238		5.41	0.012	0.75	7.75	63.2	2160	1.72	0.76	0.40	1.98	49.3	8.5	10	22.4	16.8
N815239		5.47	0.025	1.21	7.92	238	1530	1.78	0.61	0.35	3.48	52.6	8.6	9	24.1	28.3
N815240		4.04	0.012	1.20	8.26	96.9	1690	1.65	0.56	0.98	2.19	46.2	10.5	11	21.3	43.3
N815241		4.51	0.006	0.33	8.47	78.1	1480	1.90	1.15	0.52	4.90	41.4	9.3	10	25.2	7.7
N815242		4.67	0.009	0.33	7.93	161.5	1840	1.99	0.63	0.86	6.12	48.3	8.6	10	19.30	8.8
N815243		7.96	0.015	0.49	8.12	502	2460	1.70	0.82	0.47	6.66	45.1	7.1	10	25.8	23.8
N815244		7.14	0.340	3.30	7.53	2860	1160	1.59	2.14	0.40	14.15	43.6	11.2	11	24.1	35.0
N815245		6.67	0.005	0.22	7.46	114.5	4030	1.73	0.56	2.02	0.50	41.2	8.7	10	23.8	12.1
N815246		5.50	0.036	0.34	7.36	266	2130	1.86	0.83	1.85	0.78	36.3	9.7	12	23.9	13.0
N815247		5.46	0.020	0.42	6.73	187.5	700	2.12	1.33	3.11	1.28	30.5	9.6	12	50.8	20.9
N815248		5.22	0.018	1.12	7.69	145.0	2620	1.56	1.76	2.63	3.48	39.8	11.1	12	40.1	28.7
N815249		1.95	<0.005	0.05	0.11	<5	30	0.07	0.04	21.0	0.09	1.30	0.8	<1	0.52	2.3
N815250		6.02	<0.005	0.17	7.63	12.4	1490	1.31	0.31	1.42	1.32	42.7	9.7	13	15.20	19.2
N815251		6.58	<0.005	0.21	7.97	4.5	1230	1.41	0.41	1.38	0.67	50.5	9.1	13	8.00	26.4
N815252		4.78	<0.005	0.76	7.92	5.4	1150	1.43	0.89	1.51	1.06	40.1	9.2	12	9.28	46.9
N815253		6.01	0.089	10.65	6.39	802	940	1.61	0.16	0.52	25.2	38.4	9.0	12	20.0	58.8
N815254		5.60	0.076	6.55	6.66	384	910	1.54	0.25	0.34	14.65	43.0	8.7	11	25.9	80.3
N815255		5.20	0.170	13.20	7.00	510	490	1.38	0.89	0.29	14.65	48.3	7.1	11	31.5	133.5
N815256		5.09	0.006	0.41	8.59	27.2	1160	1.59	0.14	0.70	3.78	49.4	8.6	15	12.70	26.7
N815257		4.42	0.200	27.0	6.56	449	490	1.38	0.18	0.85	22.7	41.6	8.0	12	22.0	120.5
N815258		6.63	<0.005	0.48	7.68	7.1	1110	1.31	0.07	1.79	4.68	43.1	9.1	13	8.23	7.6
N815259		6.08	<0.005	0.26	7.87	19.3	1150	1.44	0.19	1.66	8.94	48.7	9.6	11	15.90	13.2
N815260		5.25	<0.005	0.15	7.92	25.3	870	1.66	0.08	0.82	10.85	58.7	9.6	12	25.4	17.4
N815261		5.30	<0.005	0.08	7.99	7.5	1180	1.31	0.07	1.83	2.64	45.3	9.4	10	5.91	7.6
N815262		5.06	<0.005	0.11	8.23	9.2	1150	1.48	0.20	1.61	1.87	49.5	10.3	15	9.58	13.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815227		3.20	17.55	0.15	1.5	0.091	2.94	31.2	19.5	0.44	2420	12.30	1.36	7.6	4.0	660
N815228		3.81	18.55	0.15	1.6	0.053	2.76	24.4	41.2	0.24	750	10.40	1.02	8.2	4.5	720
N815229		3.55	19.10	0.16	1.6	0.076	2.76	24.4	43.8	0.20	1370	14.45	1.18	8.3	4.3	680
N815230		3.78	17.10	0.18	1.6	0.072	2.84	31.0	33.2	0.28	1960	18.55	0.39	7.6	4.3	650
N815231		3.04	18.65	0.14	1.7	0.037	2.34	24.2	18.5	0.50	714	5.51	1.69	8.5	5.2	690
N815232		3.69	18.90	0.15	1.7	0.074	2.60	33.3	18.1	0.51	1740	11.15	1.49	8.6	6.7	720
N815233		3.55	17.60	0.14	1.7	0.046	2.44	29.5	17.8	0.64	782	5.64	1.83	8.4	5.2	730
N815234		3.30	18.20	0.14	1.8	0.082	3.22	22.1	24.0	0.25	1560	15.45	0.28	8.3	3.7	530
N815235		3.31	17.95	0.14	1.6	0.034	2.50	23.3	12.8	0.67	672	4.33	2.02	8.3	4.3	700
N815236		5.76	24.6	0.22	2.7	0.217	3.49	33.6	24.8	0.28	1060	6.09	0.08	12.8	7.5	1860
N815237		3.18	17.65	0.13	1.9	0.042	2.61	23.3	38.3	0.25	805	9.03	0.95	8.5	3.7	670
N815238		3.31	17.95	0.14	1.9	0.057	3.10	24.9	44.8	0.25	1950	12.40	0.67	8.6	4.0	630
N815239		3.23	18.20	0.17	2.2	0.060	3.26	27.5	49.0	0.25	1700	10.80	0.37	9.0	3.7	610
N815240		3.17	18.80	0.15	1.7	0.043	2.85	23.2	50.6	0.30	652	5.72	1.23	8.4	3.9	680
N815241		3.23	18.75	0.15	1.8	0.107	1.68	16.3	25.8	0.50	939	2.55	2.52	9.3	4.0	720
N815242		2.94	17.95	0.12	1.7	0.093	2.10	23.1	15.4	0.47	916	2.94	2.09	8.3	3.7	650
N815243		2.83	18.15	0.14	1.6	0.050	2.33	22.3	30.8	0.29	700	2.48	1.10	8.8	3.2	680
N815244		4.10	17.85	0.15	1.6	0.260	2.86	21.5	17.0	0.30	1420	4.97	0.50	8.4	3.4	650
N815245		3.03	16.90	0.13	1.4	0.045	2.42	19.1	15.7	0.50	962	2.42	1.63	8.2	2.6	680
N815246		3.22	18.80	0.14	1.6	0.062	2.51	16.5	18.7	0.49	919	2.29	1.71	9.2	3.3	730
N815247		2.62	17.75	0.13	1.2	0.053	2.25	13.7	23.0	0.41	990	4.41	0.96	8.9	4.0	570
N815248		3.50	17.95	0.14	0.9	0.090	2.13	18.3	22.2	0.94	986	3.57	1.53	8.3	4.9	590
N815249		0.51	0.27	0.08	<0.1	<0.005	0.04	0.6	1.2	12.55	220	0.22	0.01	0.2	1.9	180
N815250		3.31	17.00	0.15	0.7	0.030	2.06	20.3	19.5	1.10	901	1.08	1.61	8.1	4.7	560
N815251		3.28	15.10	0.15	0.6	0.042	2.20	26.6	15.0	1.17	877	5.00	1.88	7.9	5.9	540
N815252		3.37	15.45	0.16	0.6	0.105	1.97	23.2	15.4	1.18	1020	2.92	1.82	7.8	5.0	580
N815253		4.31	14.15	0.16	0.5	0.085	2.50	30.9	20.5	0.26	10050	69.0	0.03	6.4	5.4	450
N815254		3.41	13.65	0.15	0.5	0.109	2.38	26.6	23.1	0.32	4850	13.65	0.14	6.4	4.8	470
N815255		3.59	15.05	0.17	0.6	0.156	2.55	27.5	23.9	0.32	1390	4.17	0.08	7.4	3.7	500
N815256		3.31	17.30	0.16	0.7	0.035	2.29	24.3	31.8	0.51	696	1.71	0.95	9.0	5.0	620
N815257		3.93	14.40	0.17	0.5	0.223	2.19	23.0	26.9	0.23	2950	5.68	0.03	7.0	3.7	460
N815258		3.21	14.95	0.15	0.6	0.035	2.00	21.6	18.4	1.08	814	0.58	1.87	7.7	4.8	550
N815259		3.20	15.20	0.17	0.7	0.038	2.20	26.7	17.0	0.96	1280	1.65	1.92	7.9	5.5	540
N815260		3.06	17.25	0.15	0.7	0.039	2.30	29.0	14.7	0.92	1160	1.45	1.53	8.3	6.2	560
N815261		3.25	15.70	0.14	0.6	0.032	2.10	22.5	17.3	1.09	768	0.66	2.09	8.1	4.8	550
N815262		3.52	15.75	0.14	0.7	0.051	2.07	25.7	17.8	1.11	961	1.63	1.86	8.1	6.0	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815227		80.9	161.0	<0.002	<0.01	9.18	13.5	1	2.7	195.5	0.62	<0.05	15.1	0.263	2.49	2.1
N815228		32.9	118.0	<0.002	0.02	5.35	14.0	1	2.0	173.5	0.62	<0.05	15.7	0.278	1.42	2.4
N815229		216	133.5	<0.002	0.01	7.69	13.6	1	1.8	160.5	0.59	<0.05	14.4	0.281	1.46	2.5
N815230		281	160.5	<0.002	0.08	9.11	13.4	1	2.3	81.3	0.57	<0.05	14.6	0.258	2.06	2.8
N815231		33.1	123.0	<0.002	0.01	3.81	12.8	<1	3.1	203	0.62	<0.05	13.4	0.290	1.55	2.0
N815232		62.1	148.5	<0.002	0.02	6.86	14.2	1	3.8	225	0.64	<0.05	15.4	0.303	2.17	2.6
N815233		35.2	113.5	<0.002	0.05	3.90	13.8	<1	3.7	293	0.63	<0.05	14.7	0.303	1.65	2.8
N815234		172.5	195.5	<0.002	0.05	12.00	13.4	1	3.5	60.2	0.65	0.31	13.5	0.276	2.86	2.8
N815235		46.0	107.5	<0.002	0.04	2.90	12.1	1	3.2	332	0.69	0.07	13.4	0.296	1.38	2.3
N815236		4010	166.0	0.006	0.64	69.5	15.6	5	21.8	407	0.80	0.27	7.4	0.460	2.27	3.6
N815237		25.7	133.0	<0.002	0.03	9.71	12.4	1	2.8	171.5	0.69	<0.05	16.0	0.270	1.62	2.7
N815238		75.5	173.5	<0.002	0.06	8.77	12.5	<1	2.8	112.0	0.69	<0.05	14.5	0.263	2.37	3.0
N815239		179.5	178.0	<0.002	0.05	15.35	11.5	1	3.2	88.2	0.97	<0.05	18.3	0.262	2.93	3.4
N815240		44.8	141.5	<0.002	0.04	14.05	12.4	1	4.5	197.0	0.68	<0.05	13.7	0.292	2.23	2.4
N815241		33.1	90.6	<0.002	0.02	5.17	13.1	1	7.6	175.5	0.71	<0.05	13.5	0.308	1.53	2.3
N815242		29.9	104.5	<0.002	0.03	4.40	12.3	1	3.8	227	0.67	<0.05	14.4	0.271	1.44	2.1
N815243		25.7	114.0	<0.002	0.04	9.03	13.0	1	3.8	123.0	0.67	<0.05	14.0	0.294	1.71	2.1
N815244		669	151.5	<0.002	0.09	18.45	12.5	1	2.8	78.0	0.62	<0.05	14.8	0.268	2.28	3.4
N815245		22.9	103.0	<0.002	0.09	4.65	11.5	1	1.8	254	0.66	<0.05	11.3	0.285	1.54	2.5
N815246		43.3	93.7	<0.002	0.04	5.83	12.3	<1	2.0	239	0.73	<0.05	10.2	0.299	1.61	2.3
N815247		49.1	92.3	<0.002	0.02	7.79	9.1	1	2.1	210	0.67	<0.05	8.4	0.266	1.81	2.6
N815248		125.5	86.8	<0.002	0.10	4.59	11.9	2	2.1	300	0.65	<0.05	10.6	0.281	1.40	2.0
N815249		2.4	1.8	<0.002	0.02	0.14	0.2	<1	<0.2	47.5	<0.05	<0.05	0.2	<0.005	0.03	0.7
N815250		20.7	82.6	<0.002	0.02	2.41	12.2	2	1.7	269	0.69	<0.05	12.3	0.280	0.99	1.5
N815251		21.4	86.9	<0.002	0.01	1.49	11.5	<1	1.4	294	0.69	<0.05	13.3	0.289	0.85	1.6
N815252		51.5	76.2	<0.002	0.03	1.48	12.0	1	1.6	306	0.63	<0.05	11.8	0.295	0.77	1.4
N815253		2790	142.0	0.002	0.28	52.9	11.1	1	1.6	52.0	0.53	<0.05	10.7	0.232	3.04	3.4
N815254		1765	138.5	<0.002	0.14	51.5	10.9	1	1.9	68.9	0.56	<0.05	12.0	0.241	2.58	3.1
N815255		4370	148.5	<0.002	0.83	46.9	11.3	1	3.4	48.8	0.61	<0.05	12.6	0.272	1.78	3.1
N815256		38.4	101.0	<0.002	0.02	7.82	12.2	1	1.5	164.0	0.74	<0.05	13.6	0.315	0.89	1.9
N815257		8590	135.5	<0.002	0.91	74.0	11.1	<1	2.6	49.7	0.56	<0.05	9.8	0.233	2.14	3.1
N815258		33.0	72.6	<0.002	0.01	2.04	11.0	1	1.2	333	0.59	<0.05	10.8	0.285	0.66	1.3
N815259		40.7	89.4	0.002	0.01	2.61	11.8	<1	1.4	305	0.68	<0.05	13.6	0.287	0.76	1.9
N815260		18.1	137.0	<0.002	<0.01	3.33	13.4	<1	1.3	176.5	0.64	<0.05	14.1	0.292	1.07	1.6
N815261		16.7	71.5	<0.002	<0.01	1.34	11.2	<1	1.3	339	0.70	<0.05	12.0	0.293	0.61	1.4
N815262		25.8	84.4	<0.002	0.01	3.12	13.3	1	1.4	304	0.64	<0.05	13.4	0.320	0.81	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174368

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815227		83	8.2	19.4	244	42.8
N815228		90	4.1	19.0	203	51.8
N815229		89	3.9	16.0	214	54.1
N815230		81	4.3	18.1	425	60.7
N815231		88	3.3	13.3	153	50.6
N815232		91	4.3	17.8	193	53.3
N815233		91	3.9	19.6	156	47.8
N815234		87	5.3	14.1	409	54.4
N815235		89	1.7	13.0	157	45.7
N815236		151	4.0	19.2	2560	69.9
N815237		79	4.3	16.1	110	58.9
N815238		80	2.8	16.6	224	58.4
N815239		76	4.1	18.2	333	59.8
N815240		87	9.3	15.9	198	47.2
N815241		89	4.7	13.3	668	55.2
N815242		83	3.6	14.8	569	46.8
N815243		84	4.7	16.3	523	51.1
N815244		82	2.3	16.8	1290	47.3
N815245		88	2.6	16.1	77	38.6
N815246		93	2.6	15.6	94	44.9
N815247		81	2.3	10.6	147	37.3
N815248		92	3.9	13.5	384	20.4
N815249		3	0.1	0.9	18	0.5
N815250		93	3.2	17.0	70	12.9
N815251		93	3.0	12.3	84	12.8
N815252		97	2.5	15.2	170	12.3
N815253		85	14.6	28.0	1610	11.5
N815254		82	5.2	25.9	1310	11.3
N815255		86	4.6	12.2	1620	12.5
N815256		101	3.7	14.3	617	15.8
N815257		80	5.0	15.7	2160	10.9
N815258		90	2.3	13.1	489	11.9
N815259		93	3.0	17.6	496	17.2
N815260		94	2.0	14.2	1070	15.1
N815261		93	1.9	9.9	244	13.7
N815262		104	3.0	13.2	184	14.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174368

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174369

Project: Klaza TR-12-36

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174369

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897909		Not Recvd														
M897910		4.31	<0.005	0.18	9.12	10.1	1290	1.60	1.12	0.68	0.61	26.1	15.2	6	8.68	147.0
M897911		5.44	<0.005	0.13	8.80	6.8	1280	1.64	0.29	0.48	0.55	29.2	11.1	11	13.60	75.6
M897912		4.57	<0.005	0.14	8.19	8.9	1170	1.58	0.19	0.47	0.61	43.9	10.3	7	16.05	81.1
M897913		3.82	<0.005	0.16	7.70	8.8	1060	1.41	0.22	0.69	0.28	46.4	8.4	10	9.98	42.4
M897914		4.43	<0.005	0.12	8.18	11.5	1000	1.54	0.17	0.45	0.70	55.9	9.9	10	11.60	59.6
M897915		3.14	<0.005	0.14	8.10	3.8	1130	1.63	0.11	1.59	0.22	46.8	8.4	11	5.39	30.9
M897916		4.18	<0.005	0.08	8.11	4.3	1080	1.67	0.18	1.42	0.17	45.6	9.8	19	9.73	11.4
M897917		3.48	<0.005	0.09	7.79	6.1	1260	1.54	0.25	0.77	0.34	55.4	10.5	10	11.60	18.0
M897918		3.75	<0.005	0.13	8.14	4.7	1240	1.65	0.29	1.43	0.22	47.7	8.1	11	7.04	48.2
M897919		3.94	<0.005	0.21	7.66	6.8	1050	1.42	0.17	0.78	0.25	47.4	8.4	10	10.35	78.5
M897920		3.35	<0.005	0.23	8.32	4.6	1240	1.62	0.13	1.99	0.30	49.4	11.5	14	6.63	48.7
M897921		2.06	<0.005	0.21	8.19	16.0	1100	1.35	0.29	1.74	0.46	48.0	12.7	19	8.02	27.7
M897922		3.47	<0.005	0.20	8.29	8.3	1220	1.67	0.17	1.69	0.28	50.8	10.2	12	6.77	19.6
M897923		4.05	0.006	0.25	8.81	34.6	1260	1.55	0.50	0.79	0.73	49.1	11.1	13	14.40	24.0
M897924		2.96	<0.005	0.27	8.95	18.5	1380	1.64	1.50	0.68	0.94	53.4	11.7	12	16.00	17.4
M897925		2.70	<0.005	0.20	8.32	30.5	770	1.52	0.39	0.31	0.72	44.7	9.8	13	16.30	19.7
M897926		2.92	<0.005	0.19	8.23	12.1	850	1.57	0.46	0.35	0.78	44.8	8.7	16	14.35	22.8
M897927		3.47	<0.005	0.32	7.79	19.6	690	1.45	1.54	0.38	0.89	44.7	13.0	34	16.00	101.5
M897928		4.00	0.005	5.11	7.85	130.0	600	1.40	7.73	0.21	0.54	53.7	14.7	12	24.5	475
M897929		2.87	<0.005	3.01	7.97	76.6	900	1.46	3.60	0.56	0.63	53.7	13.4	15	16.30	332
M897930		3.65	0.005	2.95	7.77	43.5	900	1.55	0.56	0.55	0.71	51.7	11.5	13	11.75	97.1
M897931		3.42	<0.005	0.44	8.10	11.2	940	1.40	0.24	0.57	0.39	48.2	10.2	14	11.70	50.8
M897932		3.29	0.009	1.41	8.33	36.4	990	1.31	15.95	1.19	0.42	47.3	9.9	17	9.04	194.0
M897933		2.55	<0.005	0.32	8.03	32.5	900	1.48	0.95	1.15	0.58	50.2	13.4	22	8.74	54.7
M897934		0.23	1.365	34.4	7.85	503	1190	1.76	1.04	0.29	32.0	85.3	5.9	18	3.55	135.0
M897935		2.80	0.006	0.31	7.96	18.5	1160	1.37	0.31	1.09	0.93	51.5	19.0	16	12.25	33.7
M897936		3.12	0.010	0.14	8.32	19.6	910	1.39	0.14	0.64	0.99	58.4	20.1	17	14.95	23.3
M897937		2.40	<0.005	0.26	9.00	8.0	1250	1.64	1.56	1.42	1.66	70.9	15.1	16	21.6	19.5
M897938		2.55	0.005	0.18	7.75	31.4	1060	1.32	0.17	1.39	1.37	54.1	11.3	15	11.25	16.9
M897939		3.60	0.258	2.42	7.10	440	1040	1.45	0.48	0.30	5.46	49.3	10.0	11	15.65	46.4
M897940		2.60	0.092	1.68	6.22	305	660	1.19	0.20	0.30	3.41	52.5	6.5	12	11.10	34.4
M897941		3.52	0.040	0.68	6.41	162.0	600	1.35	0.54	0.14	1.94	59.0	6.4	6	18.20	22.1
M897942		3.50	<0.005	0.02	0.09	<5	20	0.07	0.01	19.50	0.07	1.37	0.6	1	0.68	1.6
M897943		3.01	0.075	0.57	7.94	606	630	1.44	0.44	0.21	1.67	52.9	7.4	14	25.2	41.0
M897944		3.56	0.010	0.42	6.90	359	510	1.32	0.33	0.19	1.87	61.5	4.8	8	19.05	73.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897909																
M897910		4.24	17.95	0.14	0.4	0.032	2.10	13.9	16.7	0.62	834	1.42	0.94	6.0	6.9	1280
M897911		3.46	17.70	0.14	0.6	0.036	1.81	13.7	20.6	0.46	726	1.45	0.46	6.7	10.3	1010
M897912		3.08	15.85	0.16	0.9	0.030	2.22	23.7	19.0	0.46	787	1.39	0.79	7.9	4.8	720
M897913		2.52	14.15	0.13	0.9	0.022	2.42	22.3	12.8	0.39	472	0.83	1.39	7.8	4.8	510
M897914		3.01	16.90	0.16	0.8	0.025	2.23	27.2	18.4	0.34	1100	2.11	0.55	9.1	5.1	600
M897915		3.12	16.55	0.15	0.7	0.028	1.93	22.9	15.1	0.56	551	0.73	1.76	9.0	5.2	590
M897916		3.29	16.30	0.16	1.0	0.034	1.92	26.2	14.1	0.75	687	0.77	1.64	9.9	5.6	570
M897917		3.52	16.20	0.17	0.9	0.036	2.22	25.6	14.0	0.63	920	1.54	1.17	8.8	5.5	570
M897918		3.16	15.35	0.16	0.7	0.037	2.01	24.2	14.3	0.58	700	0.72	1.83	8.2	4.9	590
M897919		2.84	14.85	0.16	1.1	0.027	2.22	24.7	13.5	0.52	600	0.86	1.13	9.4	4.2	500
M897920		3.46	16.60	0.18	0.7	0.028	1.94	25.0	16.5	0.73	795	1.10	2.08	8.5	5.9	600
M897921		3.71	16.05	0.15	1.0	0.036	1.86	21.5	16.5	0.80	1020	1.27	1.52	7.8	8.3	670
M897922		3.14	16.50	0.17	0.8	0.033	2.01	22.6	14.7	0.57	709	0.83	1.92	8.4	5.7	640
M897923		3.22	17.30	0.14	0.8	0.046	2.38	27.5	24.8	0.35	1740	3.22	1.17	8.9	5.1	680
M897924		3.10	17.65	0.17	0.8	0.046	2.40	31.1	25.5	0.38	1450	3.28	0.93	9.5	4.9	750
M897925		2.77	15.95	0.14	0.8	0.035	2.68	25.7	35.5	0.31	955	3.00	0.46	8.6	4.8	640
M897926		2.84	16.55	0.17	0.8	0.034	2.67	25.2	20.2	0.31	789	3.17	0.45	8.5	6.9	650
M897927		3.17	16.55	0.15	0.7	0.038	2.27	26.5	25.6	0.30	1160	4.31	0.40	9.0	12.1	720
M897928		3.81	16.25	0.20	0.7	0.129	2.41	36.6	33.7	0.22	408	3.88	0.08	8.0	4.0	470
M897929		3.82	16.10	0.16	0.7	0.081	2.20	29.1	34.5	0.28	728	3.98	0.58	8.2	6.2	560
M897930		3.20	16.45	0.16	0.8	0.034	2.32	30.1	35.2	0.29	1200	6.89	0.69	8.6	6.5	600
M897931		3.52	15.30	0.15	0.8	0.027	1.95	26.1	18.3	0.44	753	1.74	1.07	8.3	5.7	640
M897932		5.41	16.30	0.17	1.0	0.147	2.06	27.0	23.5	0.61	811	2.98	1.21	7.9	7.2	640
M897933		3.83	16.05	0.16	1.2	0.050	2.11	27.5	26.9	0.64	948	2.38	1.15	7.8	8.9	630
M897934		5.79	23.1	0.15	2.6	0.270	3.42	40.0	24.5	0.28	1040	5.64	0.07	13.2	7.7	1780
M897935		4.53	16.90	0.08	0.9	0.041	1.72	27.1	19.8	0.55	1050	2.23	1.30	8.6	7.3	630
M897936		4.71	18.70	0.09	0.7	0.044	1.62	28.5	25.3	0.46	937	2.98	0.77	9.9	6.9	670
M897937		4.15	20.1	0.08	0.7	0.067	1.90	38.6	20.0	0.47	1470	3.20	1.97	10.1	18.4	680
M897938		2.94	16.65	0.07	0.7	0.009	1.73	23.7	14.4	0.58	1020	1.75	1.83	8.8	6.6	650
M897939		3.01	14.55	0.10	0.6	0.118	2.61	36.5	19.1	0.29	3440	6.88	0.20	7.5	4.6	550
M897940		1.98	13.05	0.10	1.3	0.071	2.34	33.8	20.3	0.24	1960	4.01	0.19	8.1	3.8	350
M897941		1.58	13.20	0.08	1.6	0.036	2.64	34.2	11.4	0.26	1340	3.29	0.04	8.6	3.3	260
M897942		0.46	0.31	<0.05	<0.1	<0.005	0.04	1.2	1.3	12.40	209	0.17	<0.01	0.3	1.9	170
M897943		2.49	16.30	0.09	0.9	0.091	2.71	29.0	18.3	0.29	637	2.52	0.04	9.1	3.5	450
M897944		2.20	13.10	0.09	1.5	0.038	2.67	38.2	18.5	0.27	760	6.11	0.03	9.1	2.9	290

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897909																
M897910		12.8	86.3	<0.002	<0.01	13.00	9.2	1	1.2	200	0.38	0.07	5.4	0.287	0.93	1.6
M897911		12.8	76.6	0.003	0.01	14.15	9.1	<1	1.1	124.5	0.51	0.05	8.0	0.276	0.88	1.9
M897912		13.4	103.0	<0.002	0.01	9.05	8.7	1	1.1	150.5	0.80	<0.05	13.6	0.240	0.98	2.5
M897913		14.2	107.5	<0.002	<0.01	6.39	8.6	1	1.0	199.0	0.75	<0.05	15.5	0.235	0.96	1.9
M897914		15.6	103.0	0.003	<0.01	16.10	12.0	1	1.6	124.5	0.73	<0.05	15.1	0.286	1.12	2.1
M897915		11.3	74.7	<0.002	<0.01	3.26	11.5	<1	1.7	311	0.67	<0.05	13.0	0.295	0.74	1.6
M897916		12.3	90.0	<0.002	<0.01	2.46	13.3	1	1.5	289	0.91	<0.05	15.0	0.298	0.91	1.5
M897917		13.6	99.3	<0.002	<0.01	4.43	10.9	1	1.2	220	0.78	<0.05	15.1	0.262	0.97	2.0
M897918		12.2	76.5	<0.002	<0.01	3.47	10.8	1	1.2	303	0.72	<0.05	15.1	0.278	0.85	1.5
M897919		13.6	92.6	<0.002	<0.01	6.91	9.1	<1	0.9	194.0	0.84	<0.05	17.1	0.237	0.95	1.9
M897920		11.4	78.2	<0.002	<0.01	3.05	11.6	1	1.4	384	0.68	<0.05	12.9	0.299	0.83	1.2
M897921		21.2	85.0	<0.002	0.01	11.55	12.5	1	1.3	324	0.59	<0.05	10.4	0.321	1.01	1.7
M897922		16.1	80.2	<0.002	0.01	4.39	11.6	<1	1.5	350	0.70	<0.05	12.5	0.309	0.87	1.5
M897923		30.7	113.0	0.002	0.01	14.00	12.1	1	1.5	222	0.79	0.07	14.4	0.316	1.70	2.0
M897924		44.4	109.5	0.002	0.01	19.50	13.2	1	1.4	175.5	0.83	0.10	14.8	0.341	1.58	2.1
M897925		19.8	138.0	<0.002	<0.01	26.4	12.5	1	1.4	90.0	0.74	<0.05	14.2	0.299	1.83	2.0
M897926		12.1	139.0	<0.002	<0.01	28.4	12.5	1	1.3	83.5	0.73	<0.05	14.0	0.306	1.72	2.1
M897927		16.6	120.5	<0.002	<0.01	46.0	11.4	1	1.5	80.3	0.73	0.05	10.4	0.327	1.53	2.4
M897928		125.5	125.5	<0.002	0.03	203	11.0	1	1.3	73.5	0.70	0.23	14.1	0.279	1.79	3.0
M897929		56.8	104.5	<0.002	0.02	103.5	11.3	1	1.5	133.5	0.67	0.09	14.1	0.288	1.37	2.6
M897930		29.3	107.5	<0.002	<0.01	80.7	11.2	1	1.4	135.0	0.72	<0.05	13.6	0.276	1.52	2.3
M897931		14.9	96.2	<0.002	0.01	20.0	11.7	<1	1.2	178.5	0.74	<0.05	13.6	0.303	1.25	1.8
M897932		110.0	94.9	<0.002	0.12	27.0	11.8	1	1.2	272	0.68	0.29	12.4	0.330	1.38	2.5
M897933		29.0	102.0	<0.002	0.03	21.4	12.5	1	1.3	241	0.66	<0.05	11.0	0.318	1.48	2.3
M897934		3820	177.5	0.004	0.59	67.1	17.2	3	20.6	393	0.85	0.32	8.3	0.458	1.92	3.6
M897935		36.1	96.5	0.002	0.01	8.63	14.3	1	1.6	247	0.72	<0.05	12.7	0.294	1.06	1.7
M897936		23.5	97.6	<0.002	<0.01	11.85	15.6	1	1.5	162.5	0.70	<0.05	12.7	0.294	1.04	1.6
M897937		49.8	105.0	<0.002	0.01	5.04	16.1	1	1.6	316	0.75	0.11	14.7	0.322	1.28	1.6
M897938		25.8	75.0	0.002	<0.01	3.38	13.5	1	1.5	313	0.73	<0.05	13.7	0.292	0.91	1.2
M897939		606	170.0	0.003	<0.01	19.20	12.4	1	1.4	89.6	0.66	<0.05	13.6	0.243	2.06	2.0
M897940		406	143.5	0.002	<0.01	17.35	7.3	<1	1.0	107.0	0.83	<0.05	18.3	0.171	1.70	2.1
M897941		69.0	171.0	<0.002	<0.01	8.79	4.8	1	1.2	79.6	0.99	<0.05	24.3	0.131	1.69	2.1
M897942		2.8	4.2	<0.002	<0.01	0.11	0.2	<1	0.4	48.9	<0.05	<0.05	0.2	<0.005	0.03	0.5
M897943		108.5	160.0	<0.002	<0.01	17.05	12.2	1	1.3	69.3	0.77	<0.05	16.3	0.256	1.57	2.1
M897944		48.8	180.5	0.002	0.04	21.6	6.9	<1	1.1	69.4	0.89	<0.05	22.9	0.163	2.16	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M897909						
M897910		95	3.9	17.0	80	9.8
M897911		87	3.8	13.4	64	13.7
M897912		74	2.4	14.4	57	23.5
M897913		66	1.9	11.4	47	21.9
M897914		94	5.5	16.3	75	20.6
M897915		91	1.8	11.0	55	17.4
M897916		96	6.7	13.6	66	22.3
M897917		84	1.6	15.7	73	21.1
M897918		86	2.1	12.5	71	17.9
M897919		63	1.4	12.7	72	30.0
M897920		94	1.9	11.3	67	16.1
M897921		108	4.2	15.4	85	29.0
M897922		95	2.0	10.7	75	21.9
M897923		108	2.2	17.2	101	18.0
M897924		110	3.0	19.6	125	19.5
M897925		94	2.6	17.4	80	18.5
M897926		94	3.2	17.0	73	18.1
M897927		106	2.7	20.0	93	18.1
M897928		95	4.7	18.1	112	16.8
M897929		98	3.7	16.2	102	16.3
M897930		89	3.4	16.5	86	21.8
M897931		95	2.8	15.0	64	19.4
M897932		110	4.6	12.3	110	30.6
M897933		100	3.4	14.8	95	37.2
M897934		143	4.1	20.8	2350	62.7
M897935		91	3.6	15.1	104	21.9
M897936		87	4.4	15.2	123	16.3
M897937		98	5.7	16.3	168	14.8
M897938		81	2.3	12.9	145	14.1
M897939		82	3.0	18.6	441	12.1
M897940		50	2.0	13.1	260	32.0
M897941		34	2.1	10.1	177	39.6
M897942		3	0.1	0.7	16	<0.5
M897943		70	3.7	12.1	173	21.8
M897944		45	1.8	11.5	131	36.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174369

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174430

Project: Klaza TR-12-36

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174430

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815191		3.24	0.005	0.80	7.88	71.2	1140	1.32	0.43	1.24	4.04	55.6	7.5	9	18.85	70.1
N815192		3.00	0.006	0.75	8.23	112.0	1110	1.52	0.34	0.67	4.68	58.4	8.5	12	20.9	59.5
N815193		2.96	0.007	0.69	8.46	77.3	1150	1.62	0.21	1.55	4.63	56.2	10.4	12	18.45	59.4
N815194		2.94	0.005	0.42	7.90	95.8	990	1.55	0.25	0.35	5.89	45.3	9.0	11	24.0	58.9
N815195		2.61	0.236	37.0	6.11	1715	630	1.04	13.15	0.13	9.70	41.9	2.3	9	45.6	388
N815196		1.84	0.012	1.29	8.26	211	1300	1.56	0.28	0.46	5.62	47.6	11.9	11	19.95	82.4
N815197		2.93	0.006	0.94	7.95	252	1470	1.41	0.45	0.82	9.18	51.4	9.8	13	22.8	65.5
N815198		2.76	<0.005	0.39	8.24	102.0	870	1.41	0.37	0.64	6.67	62.6	8.3	11	26.3	37.8
N815199		2.30	0.011	1.20	8.06	303	1340	1.40	0.20	0.60	9.98	55.9	8.6	11	25.3	40.9
N815200		2.76	0.008	0.69	8.45	122.0	1140	1.41	0.21	0.71	4.32	50.4	7.7	11	25.1	47.6
N815201		3.51	0.005	0.32	8.22	113.0	1070	1.38	0.22	0.77	5.03	56.6	10.6	11	23.0	30.0
N815202		3.98	<0.005	0.44	8.22	139.5	1210	1.27	0.24	0.30	6.87	50.1	9.1	11	28.6	40.5
N815203		2.85	<0.005	0.41	8.02	125.0	880	1.31	0.18	0.58	5.46	50.7	7.5	11	22.9	38.5
N815204		2.49	0.011	2.97	8.75	84.4	1660	1.46	13.60	1.19	5.20	58.2	8.6	11	19.30	208
N815205		2.17	0.007	0.35	7.91	125.0	1610	1.32	0.21	1.13	5.03	54.7	10.5	10	19.00	76.1
N815206		2.31	<0.005	0.28	8.05	112.0	880	1.21	0.26	0.46	4.31	51.5	7.2	10	24.5	74.5
N815207		2.59	<0.005	0.30	8.32	99.5	840	1.44	0.29	0.64	4.02	55.0	7.6	12	31.5	108.5
N815208		2.51	0.047	1.98	7.90	271	1350	1.56	0.32	1.26	7.78	52.1	9.9	9	22.0	147.5
N815209		2.61	0.047	2.24	7.30	406	1170	1.49	0.72	0.30	13.75	64.0	8.0	7	22.8	80.5
N815210		2.46	0.016	0.67	7.47	127.0	1140	1.30	0.28	0.22	7.16	55.5	6.6	6	24.1	44.8
N815211		3.17	0.019	1.56	8.70	198.0	1620	1.71	0.71	0.60	9.04	60.2	11.7	9	27.1	74.9
N815212		2.57	0.393	2.82	7.08	507	1270	1.42	1.55	0.24	7.22	48.3	7.1	5	23.7	94.8
N815213		2.47	0.439	1.89	7.71	438	1600	1.44	0.89	0.20	11.60	55.9	11.7	6	18.30	111.0
N815214		3.62	0.519	2.69	7.47	1010	1250	1.40	0.74	0.18	22.9	61.0	10.1	5	34.7	141.5
N815215		2.25	<0.005	0.05	0.07	<5	30	<0.05	0.02	19.35	0.16	1.40	0.7	1	0.27	2.6
N815216		3.63	0.014	0.48	10.30	170.0	2370	2.30	0.87	0.84	3.59	56.9	9.2	9	23.1	30.2
N815217		2.69	0.036	1.17	7.10	248	2060	1.53	0.54	0.39	6.89	54.2	5.3	6	18.20	35.3
N815218		2.81	0.013	0.30	8.10	76.1	1570	1.59	0.76	0.77	2.35	50.0	5.8	8	19.25	21.0
N815219		2.66	0.009	0.20	7.94	76.9	1530	1.55	0.40	0.36	2.19	54.3	6.1	8	15.45	12.4
N815220		2.29	0.016	0.60	7.68	135.5	1650	1.52	1.03	0.24	2.87	54.6	7.0	7	24.0	23.0
N815221		2.52	0.008	0.25	8.55	70.6	1920	1.32	0.56	0.54	1.79	49.3	6.0	7	16.90	19.3
N815222		2.76	0.011	0.28	8.19	59.3	1710	1.32	1.42	1.06	1.75	56.4	9.0	12	16.60	24.5
N815223		1.85	0.011	0.24	7.98	57.2	1740	1.48	0.84	1.42	1.84	60.3	9.1	12	17.25	20.0
N815224		0.26	1.335	30.8	8.13	550	1280	1.66	1.24	0.31	28.6	75.9	5.8	19	3.59	136.5
N815225		2.55	0.013	0.43	7.71	93.5	1690	1.45	1.02	1.03	2.61	65.3	8.4	12	18.25	26.9
N815226		2.06	0.005	0.25	7.89	33.5	2050	1.41	0.81	1.26	1.92	63.0	9.6	10	16.95	28.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815191		2.79	16.70	0.08	0.8	0.031	2.19	30.5	22.8	0.57	886	4.56	1.72	9.2	4.8	490
N815192		3.34	17.85	0.08	0.7	0.048	2.50	30.5	54.2	0.43	992	6.38	1.03	8.6	5.5	620
N815193		3.42	18.30	0.10	0.8	0.028	2.25	28.8	18.7	0.64	1000	5.76	1.62	9.6	6.4	600
N815194		3.23	17.25	0.07	0.8	0.037	3.06	25.9	19.9	0.29	1150	15.20	0.23	8.8	4.8	560
N815195		4.74	14.50	0.09	0.6	0.499	2.54	27.7	17.8	0.25	1130	38.2	0.03	6.3	2.2	300
N815196		3.61	17.85	0.08	0.8	0.077	2.83	26.0	25.2	0.31	1780	15.70	0.48	9.0	5.2	540
N815197		3.35	17.10	0.10	0.7	0.092	2.52	27.7	17.3	0.50	2470	14.70	0.93	8.4	5.6	550
N815198		3.10	18.40	0.08	0.7	0.082	2.17	32.8	60.0	0.27	709	9.19	0.85	9.3	5.0	610
N815199		3.31	17.70	0.10	0.7	0.079	2.54	35.7	49.5	0.35	1900	18.05	0.55	8.1	6.2	580
N815200		3.11	17.05	0.09	0.7	0.086	2.70	28.5	41.4	0.44	1480	8.11	0.71	8.0	4.8	600
N815201		3.23	18.10	0.10	0.7	0.026	2.37	30.5	37.9	0.46	1340	7.74	0.79	8.5	5.4	570
N815202		3.07	18.05	0.09	0.7	0.020	2.73	33.4	65.2	0.18	1280	16.00	0.05	8.5	5.1	550
N815203		2.74	17.95	0.08	0.7	0.035	2.46	29.6	68.9	0.24	859	8.66	0.53	8.8	4.8	570
N815204		3.61	19.70	0.09	0.7	0.201	2.34	31.5	32.2	0.42	1590	11.80	1.69	9.2	5.4	630
N815205		3.99	16.50	0.09	0.6	0.066	2.20	25.0	17.4	0.60	2060	7.74	1.28	8.2	6.2	520
N815206		2.54	17.25	0.09	0.7	0.022	2.47	28.2	45.0	0.20	470	8.59	0.26	9.0	3.6	520
N815207		2.78	17.75	0.11	0.8	0.028	2.46	29.9	40.8	0.20	383	7.13	0.74	8.8	4.3	610
N815208		3.59	17.25	0.11	0.9	0.104	2.36	36.2	27.0	0.40	1600	15.15	1.24	7.8	4.8	820
N815209		3.51	15.90	0.12	1.5	0.100	2.70	39.9	39.3	0.22	2600	27.9	0.08	7.5	4.1	780
N815210		2.65	16.15	0.09	1.4	0.055	2.68	32.7	49.3	0.17	2320	16.45	0.06	7.7	3.7	550
N815211		4.73	18.20	0.20	1.5	0.125	3.16	36.0	41.9	0.31	1860	20.3	0.68	7.7	6.0	1160
N815212		2.37	15.70	0.11	1.5	0.121	2.69	33.0	22.0	0.21	1720	15.70	0.27	7.4	3.2	440
N815213		2.33	16.15	0.11	1.7	0.069	3.12	31.8	30.2	0.21	3520	18.80	0.52	7.6	4.7	350
N815214		2.39	16.90	0.13	1.5	0.136	2.76	36.0	25.2	0.19	4720	26.4	0.05	7.7	4.3	240
N815215		0.45	0.24	0.08	<0.1	<0.005	0.02	1.3	1.0	12.20	213	0.29	<0.01	0.1	2.0	150
N815216		3.27	22.8	0.17	2.4	0.040	3.60	24.3	49.7	0.39	569	4.11	1.80	11.4	4.1	700
N815217		2.59	14.95	0.17	1.7	0.108	3.02	33.4	22.4	0.30	4110	20.7	0.36	7.3	2.5	400
N815218		2.11	16.10	0.16	1.7	0.037	2.60	23.2	21.5	0.31	862	4.71	1.73	8.0	2.6	530
N815219		2.37	15.50	0.17	1.9	0.024	3.02	27.7	39.8	0.20	601	5.30	0.93	8.2	2.5	460
N815220		2.24	14.90	0.18	1.7	0.047	2.59	31.4	50.4	0.21	1190	11.45	0.24	7.8	2.6	470
N815221		2.44	16.60	0.17	1.5	0.026	2.75	24.2	35.8	0.30	367	3.13	1.11	8.1	2.6	530
N815222		2.85	17.10	0.20	1.5	0.043	2.30	27.8	22.4	0.55	613	3.78	1.79	8.6	5.1	650
N815223		3.19	16.40	0.21	1.7	0.044	2.23	31.4	17.9	0.64	932	3.94	1.99	8.2	5.2	660
N815224		5.92	23.3	0.27	2.6	0.245	3.45	36.9	21.8	0.31	1080	6.20	0.08	12.5	7.1	1880
N815225		3.12	16.15	0.21	1.7	0.068	2.56	37.1	24.8	0.45	1440	9.95	1.24	8.4	4.6	650
N815226		3.35	17.45	0.21	1.8	0.053	2.63	35.0	15.9	0.60	1010	4.75	1.91	8.4	4.4	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815191		57.2	120.0	<0.002	<0.01	3.67	11.3	1	1.6	256	0.82	<0.05	16.3	0.242	0.90	1.6
N815192		39.1	138.0	<0.002	<0.01	12.05	13.8	1	2.0	175.5	0.70	<0.05	16.4	0.301	1.25	1.9
N815193		34.2	123.0	0.002	<0.01	6.75	14.1	1	1.7	296	0.83	<0.05	17.4	0.294	1.23	1.6
N815194		20.9	163.5	0.002	<0.01	37.7	13.0	1	1.7	68.9	0.79	<0.05	14.7	0.291	1.73	2.4
N815195		4970	184.5	<0.002	0.29	158.5	9.6	<1	2.1	45.9	0.55	<0.05	11.3	0.219	1.63	3.3
N815196		250	156.5	<0.002	<0.01	26.5	14.3	1	2.0	125.0	0.77	<0.05	16.0	0.284	1.46	2.5
N815197		96.1	145.0	<0.002	<0.01	12.30	14.0	1	1.8	198.0	0.77	<0.05	14.3	0.275	1.44	1.8
N815198		44.8	115.5	<0.002	<0.01	7.67	13.9	1	1.9	154.5	0.86	<0.05	17.8	0.293	1.29	2.5
N815199		403	154.0	<0.002	<0.01	14.15	14.9	1	1.9	136.5	0.70	<0.05	15.2	0.283	1.67	2.3
N815200		230	164.0	<0.002	<0.01	13.45	14.1	1	1.7	154.5	0.69	<0.05	15.6	0.284	1.98	2.2
N815201		40.4	131.5	<0.002	<0.01	9.94	14.8	1	1.6	157.0	0.72	<0.05	15.1	0.287	1.45	2.3
N815202		87.3	158.5	0.003	<0.01	13.20	14.3	1	2.1	53.5	0.72	<0.05	15.7	0.278	2.23	3.3
N815203		27.0	132.5	<0.002	<0.01	10.85	13.7	1	1.8	119.0	0.69	<0.05	15.6	0.277	1.63	2.3
N815204		101.5	141.5	<0.002	0.01	16.40	14.7	1	4.1	303	0.71	0.44	15.4	0.306	1.51	2.0
N815205		48.0	113.5	<0.002	<0.01	9.70	13.2	1	2.1	243	0.64	<0.05	14.4	0.263	1.13	1.5
N815206		18.4	128.0	0.003	<0.01	12.20	12.5	1	1.6	84.0	0.76	<0.05	15.2	0.278	1.41	2.7
N815207		19.7	121.0	0.002	<0.01	12.25	13.3	1	2.2	130.0	0.70	<0.05	14.7	0.316	1.40	2.5
N815208		239	135.0	0.002	<0.01	16.90	15.1	1	2.5	252	0.58	<0.05	13.5	0.298	1.50	2.4
N815209		505	173.5	<0.002	<0.01	24.0	14.2	1	2.9	67.9	0.70	<0.05	18.2	0.260	2.24	3.5
N815210		48.0	161.5	<0.002	<0.01	17.90	11.0	1	2.8	79.6	0.71	<0.05	19.1	0.204	1.94	2.8
N815211		62.5	165.0	<0.002	0.02	21.2	17.7	1	4.8	144.5	0.57	<0.05	14.5	0.366	2.34	3.7
N815212		405	181.5	<0.002	<0.01	22.9	9.7	1	3.2	76.9	0.68	<0.05	18.2	0.178	2.19	2.7
N815213		261	179.0	0.002	<0.01	17.40	8.4	1	2.7	76.9	0.85	<0.05	23.7	0.179	1.95	2.6
N815214		569	193.5	<0.002	<0.01	28.1	9.3	1	2.7	61.3	0.82	<0.05	20.4	0.179	2.57	3.4
N815215		4.2	1.8	0.002	<0.01	0.22	0.2	<1	0.3	51.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
N815216		64.3	176.5	<0.002	0.01	10.35	13.2	1	2.6	216	1.16	<0.05	23.1	0.270	1.53	3.0
N815217		272	172.0	<0.002	0.02	16.05	8.3	1	2.1	72.3	0.75	0.06	20.6	0.170	2.34	2.9
N815218		51.7	130.5	<0.002	<0.01	6.61	9.9	1	2.8	188.5	0.79	<0.05	19.7	0.223	1.25	2.4
N815219		32.4	148.5	<0.002	<0.01	8.08	8.6	1	1.3	95.0	0.87	<0.05	22.5	0.197	1.29	2.6
N815220		193.5	150.0	<0.002	0.02	16.45	9.3	1	2.2	71.2	0.80	<0.05	19.6	0.211	1.76	2.9
N815221		25.1	128.0	<0.002	0.01	8.38	9.5	1	1.7	139.0	0.78	<0.05	19.1	0.229	1.20	2.2
N815222		31.3	114.5	<0.002	<0.01	4.66	11.8	1	2.7	230	0.70	<0.05	15.9	0.281	1.00	2.0
N815223		46.8	113.0	<0.002	0.01	4.56	12.3	1	2.0	289	0.68	0.05	17.0	0.283	0.99	2.0
N815224		4260	187.0	0.004	0.66	70.3	14.4	5	19.5	410	0.81	0.34	7.7	0.453	1.99	3.8
N815225		52.6	146.0	<0.002	0.01	7.46	12.3	2	2.8	208	0.69	<0.05	18.0	0.278	1.59	2.5
N815226		23.4	134.5	<0.002	<0.01	3.50	12.9	1	1.8	286	0.67	0.05	16.1	0.266	1.23	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N815191		73	8.1	11.5	583	19.7
N815192		96	7.2	13.5	550	15.4
N815193		92	6.4	14.1	663	16.5
N815194		94	5.1	15.4	450	14.7
N815195		73	4.6	11.8	452	10.7
N815196		94	5.2	18.9	577	15.0
N815197		89	5.4	18.3	536	15.1
N815198		95	2.6	18.1	509	15.5
N815199		96	2.7	21.7	559	13.2
N815200		95	2.9	17.5	681	13.2
N815201		94	2.4	18.1	659	13.7
N815202		94	3.7	23.3	376	14.2
N815203		90	3.6	17.0	411	13.8
N815204		99	4.3	19.9	535	16.0
N815205		86	6.2	16.1	591	12.1
N815206		87	4.2	16.1	280	17.1
N815207		97	4.7	17.6	308	15.5
N815208		110	4.0	24.6	483	20.7
N815209		98	4.8	21.2	487	37.5
N815210		63	3.2	18.3	346	37.0
N815211		151	7.5	23.6	442	39.0
N815212		55	2.3	19.2	294	42.4
N815213		50	2.7	17.3	415	40.2
N815214		50	3.6	22.7	555	40.3
N815215		2	0.1	0.9	18	<0.5
N815216		74	4.5	20.6	443	70.1
N815217		48	2.8	18.7	561	51.1
N815218		55	4.6	13.9	232	48.0
N815219		55	2.1	15.3	185	51.0
N815220		60	4.3	16.7	239	42.0
N815221		60	6.6	14.3	181	40.2
N815222		82	6.5	16.4	177	40.7
N815223		82	12.8	17.9	180	46.6
N815224		148	3.9	22.2	2540	74.2
N815225		84	5.5	20.8	214	48.9
N815226		78	5.9	18.2	179	48.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174430

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174431

Project: Klaza TR-12-36

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

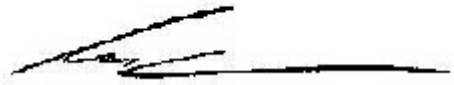
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174431

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815037		4.91	<0.005	0.16	7.96	19.4	1360	1.52	0.52	1.18	1.95	69.2	11.7	18	15.70	28.0
N815038		5.84	<0.005	0.12	8.29	15.1	1150	1.49	0.24	0.75	1.43	53.7	9.5	16	13.85	17.8
N815039		4.67	<0.005	0.18	8.42	17.1	1160	1.42	0.20	1.40	1.24	44.8	9.5	17	15.60	16.9
N815040		4.24	0.082	4.93	8.22	284	1340	1.91	0.53	0.27	9.11	58.5	15.4	18	24.5	177.0
N815041		5.00	0.013	0.92	8.75	54.7	1110	1.67	0.23	0.72	3.99	57.0	11.2	15	25.4	44.7
N815042		4.30	0.006	0.75	8.53	30.1	1270	1.46	0.20	1.59	2.01	52.0	10.8	17	15.70	45.0
N815043		5.35	<0.005	0.40	8.06	13.8	1290	1.53	0.10	2.24	1.34	56.0	10.9	19	12.55	26.4
N815044		4.34	0.008	0.20	8.74	9.3	1200	1.58	0.18	1.32	2.84	51.4	10.0	15	14.50	32.8
N815045		5.46	<0.005	0.26	9.08	23.4	1270	1.47	0.19	0.69	3.26	45.6	10.9	14	15.90	32.8
N815046		5.43	<0.005	0.27	8.65	39.3	1590	1.47	0.21	0.27	3.26	49.2	10.3	16	28.4	25.1
N815047		5.97	0.075	1.49	8.37	441	1450	1.55	0.19	0.65	6.34	53.6	10.1	16	19.80	21.9
N815048		4.92	<0.005	0.24	8.48	50.2	960	1.55	0.11	0.26	2.82	45.1	11.0	15	42.9	22.6
N815049		5.51	<0.005	0.18	8.63	18.3	1280	1.62	0.08	1.33	2.28	49.4	11.3	15	15.60	26.4
N815050		4.87	<0.005	0.14	8.85	10.8	1310	1.62	0.06	1.02	2.71	52.0	11.1	13	15.00	14.7
N815051		5.21	<0.005	0.35	8.47	17.2	1270	1.66	1.29	1.65	1.96	53.3	9.1	13	13.20	68.2
N815052		4.41	0.007	1.29	8.58	63.6	1280	1.81	0.35	0.92	2.47	60.0	8.8	15	19.50	27.2
N815053		4.61	0.009	0.14	8.60	11.7	1140	1.89	0.11	0.59	1.73	56.1	8.4	12	19.75	17.5
N815054		5.48	<0.005	0.18	8.16	13.9	1260	1.55	0.15	1.46	2.04	61.3	9.2	13	18.90	18.3
N815055		6.05	<0.005	0.22	8.65	18.8	1240	1.60	0.10	0.88	2.06	63.7	8.4	13	19.50	32.9
N815056		6.30	0.008	0.33	8.21	77.2	1120	1.66	0.19	0.22	3.79	49.2	9.0	11	29.3	30.3
N815057		7.01	0.011	0.76	7.80	252	1440	1.71	0.33	0.21	7.96	57.5	8.4	16	23.5	54.7
N815058		5.28	0.138	8.74	6.99	1460	1940	1.97	1.82	0.19	17.20	49.7	11.0	14	22.3	228
N815059		5.68	0.162	9.27	7.81	730	1230	1.32	2.59	0.13	8.39	49.2	4.1	18	23.5	186.0
N815060		6.56	0.796	17.65	7.99	2190	800	1.26	1.06	0.18	22.6	53.6	1.2	11	24.4	122.0
N815061		6.39	0.193	6.96	7.42	616	1680	1.46	0.56	0.26	14.40	51.2	7.4	14	20.5	59.3
N815062		6.24	0.010	1.55	8.61	93.8	1100	1.38	0.83	0.81	2.99	59.4	8.1	12	16.55	29.2
N815063		4.56	0.012	3.54	8.16	84.3	1310	1.47	3.27	1.12	5.99	58.2	8.2	14	21.6	67.4
N815064		4.38	0.010	2.56	8.47	161.0	1580	1.55	1.39	0.20	6.00	45.2	8.7	14	30.7	81.1
N815065		4.64	0.013	8.89	8.53	100.5	2250	1.70	1.69	0.21	8.50	53.7	6.3	13	28.3	80.9
N815066		4.95	0.011	0.70	8.73	33.0	1170	1.54	0.70	0.26	3.89	46.3	6.0	7	20.7	60.9
N815067		3.13	<0.005	0.01	0.06	<5	70	<0.05	0.03	20.7	0.08	1.14	1.5	<1	0.14	2.0
N815068		5.00	0.044	1.57	6.91	306	1130	1.19	1.72	0.16	7.08	50.7	3.7	9	22.4	33.8
N815069		5.30	0.266	7.93	6.30	1600	1280	1.55	1.82	0.18	20.1	44.7	6.6	9	32.0	167.0
N815070		5.91	0.094	9.17	6.89	758	1370	1.60	1.54	0.26	10.90	45.3	7.6	7	33.3	204
N815071		0.23	1.310	35.2	8.22	560	1300	2.00	1.43	0.32	32.0	78.1	6.2	20	3.44	144.0
N815072		6.32	0.025	0.62	8.55	122.5	1330	1.73	0.36	1.01	4.47	56.8	10.6	10	23.7	46.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815037		3.55	17.80	0.11	0.9	0.124	2.32	29.9	20.8	0.82	1300	7.79	1.46	9.8	6.4	570
N815038		3.41	18.35	0.10	0.7	0.040	2.19	21.5	23.9	0.51	720	4.87	1.04	9.1	5.8	580
N815039		3.46	18.15	0.12	0.7	0.034	2.18	20.2	23.5	0.65	646	6.44	1.36	9.8	5.6	610
N815040		4.27	17.95	0.16	0.7	0.247	3.20	34.2	35.3	0.27	5490	75.3	0.16	8.2	5.9	480
N815041		3.68	18.20	0.13	0.7	0.053	2.61	27.4	42.4	0.31	1490	13.75	0.72	8.5	5.7	570
N815042		3.85	18.30	0.11	0.7	0.054	2.50	22.4	20.6	0.72	1220	7.93	1.66	9.8	6.8	630
N815043		3.83	18.05	0.10	0.8	0.042	2.20	22.8	18.2	0.84	800	3.68	2.22	10.4	8.2	670
N815044		3.49	19.65	0.10	0.8	0.035	2.13	16.1	17.0	0.58	576	3.83	1.48	10.5	6.3	670
N815045		3.81	19.30	0.10	0.8	0.037	2.21	16.8	28.7	0.59	658	5.08	0.72	9.5	6.5	650
N815046		3.22	19.25	0.11	0.8	0.036	2.33	21.3	41.1	0.26	1160	11.90	0.17	9.5	5.9	530
N815047		3.71	18.10	0.14	0.7	0.074	2.87	32.1	18.9	0.35	2150	10.45	0.65	9.2	6.1	530
N815048		3.38	18.45	0.12	0.6	0.037	2.66	22.1	50.1	0.24	1230	9.52	0.13	8.5	6.0	550
N815049		3.59	19.05	0.11	0.7	0.028	1.94	17.6	15.7	0.48	880	4.96	1.64	9.7	5.9	650
N815050		4.88	18.65	0.13	0.6	0.028	1.81	20.1	22.6	0.64	1180	10.15	1.10	9.0	6.7	620
N815051		3.32	17.35	0.10	1.0	0.030	2.35	20.3	13.9	0.58	790	3.82	2.05	10.8	5.3	550
N815052		3.39	18.40	0.11	0.9	0.076	2.83	30.9	14.9	0.37	1730	12.45	1.11	10.0	4.9	450
N815053		3.61	17.85	0.10	1.0	0.021	2.52	26.4	21.7	0.30	763	10.30	0.91	9.5	4.7	450
N815054		3.23	17.55	0.12	1.0	0.020	2.35	27.7	12.4	0.33	982	5.44	1.80	10.0	5.0	460
N815055		3.02	18.15	0.14	1.0	0.020	2.36	29.8	16.7	0.39	685	5.57	1.22	10.4	4.6	470
N815056		2.77	17.80	0.12	0.8	0.018	3.14	33.3	46.4	0.21	1840	16.20	0.06	7.9	4.3	400
N815057		3.35	16.60	0.16	0.9	0.033	3.20	37.8	23.0	0.26	4100	27.4	0.08	8.0	5.4	410
N815058		4.53	16.45	0.18	0.8	0.270	3.06	53.4	12.6	0.25	9230	69.4	0.05	7.6	5.3	360
N815059		3.48	15.95	0.12	0.9	0.205	3.38	32.5	13.9	0.25	1920	12.90	0.06	8.7	3.1	300
N815060		3.92	15.95	0.12	0.9	0.288	3.28	31.3	35.9	0.27	651	6.97	0.04	7.4	1.3	270
N815061		3.60	15.00	0.13	1.3	0.159	2.47	31.5	78.4	0.22	3820	13.95	0.11	7.3	4.5	460
N815062		2.95	18.15	0.12	0.9	0.043	2.09	32.9	86.3	0.31	1030	6.93	0.73	8.9	4.5	490
N815063		3.63	16.60	0.11	0.9	0.230	2.56	31.3	18.0	0.45	2920	11.90	1.12	8.7	4.8	430
N815064		3.32	17.75	0.14	1.1	0.222	3.68	27.7	13.3	0.29	3080	17.00	0.07	8.6	4.2	460
N815065		4.51	16.95	0.14	0.9	0.418	3.38	33.7	24.0	0.23	5340	16.90	0.04	7.2	4.4	400
N815066		2.84	18.00	0.18	1.0	0.297	2.70	25.2	39.7	0.38	911	8.92	0.35	9.1	4.5	430
N815067		0.48	0.39	0.13	<0.1	0.005	0.02	0.5	1.0	13.00	222	0.18	<0.01	0.3	<0.2	180
N815068		2.81	14.80	0.21	0.9	0.176	2.90	32.3	14.6	0.23	2130	14.65	0.07	8.1	2.5	290
N815069		3.50	14.10	0.21	0.9	0.345	2.51	34.6	26.5	0.21	3930	30.3	0.06	7.8	3.6	320
N815070		3.59	15.45	0.27	0.9	0.165	2.51	30.5	36.7	0.25	2620	20.1	0.21	8.3	3.6	370
N815071		6.07	24.4	0.20	2.2	0.225	3.66	37.5	24.0	0.31	1100	6.29	0.08	11.9	7.2	1830
N815072		3.83	17.60	0.17	1.0	0.055	2.70	29.2	39.8	0.46	1440	8.27	0.83	7.7	4.1	860

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815037		62.9	97.3	<0.002	0.01	7.68	13.5	1	1.6	240	0.76	<0.05	18.0	0.302	0.93	1.5
N815038		19.8	96.0	<0.002	<0.01	6.20	13.3	1	1.4	180.5	0.73	<0.05	15.5	0.300	0.95	1.6
N815039		18.6	85.3	0.002	<0.01	5.06	13.6	1	1.7	243	0.74	<0.05	13.3	0.335	0.82	1.5
N815040		1795	181.0	<0.002	0.03	31.3	13.5	1	1.8	83.2	0.68	<0.05	15.6	0.275	3.00	3.4
N815041		807	128.5	<0.002	0.01	8.82	12.7	<1	1.5	127.5	0.68	<0.05	16.8	0.304	1.60	2.5
N815042		793	99.9	0.002	0.01	4.82	13.2	1	1.7	265	0.72	<0.05	15.7	0.345	1.14	1.8
N815043		403	80.7	<0.002	<0.01	1.59	13.7	1	1.7	360	0.83	<0.05	13.8	0.352	0.71	1.4
N815044		22.2	85.5	<0.002	<0.01	3.33	15.7	1	1.9	270	0.96	<0.05	16.1	0.350	0.80	1.8
N815045		25.2	87.8	<0.002	<0.01	4.90	13.7	1	1.7	147.5	0.83	<0.05	15.1	0.331	0.83	1.8
N815046		29.7	111.0	0.002	0.02	10.20	12.6	1	1.6	95.0	0.74	<0.05	15.3	0.297	1.53	2.2
N815047		365	153.0	<0.002	0.03	12.75	13.5	1	1.7	144.5	0.72	<0.05	15.1	0.311	2.40	2.5
N815048		14.9	142.0	<0.002	<0.01	7.14	12.9	1	1.4	46.3	0.62	<0.05	13.5	0.304	1.86	2.3
N815049		15.1	76.7	<0.002	<0.01	2.99	15.0	1	1.6	279	0.73	<0.05	14.2	0.344	0.77	1.8
N815050		14.3	82.5	<0.002	<0.01	2.02	14.5	1	1.4	213	0.70	<0.05	16.2	0.325	0.80	1.7
N815051		17.1	94.5	<0.002	<0.01	2.57	12.1	1	1.5	294	0.94	0.07	19.5	0.304	0.86	1.7
N815052		85.2	153.5	<0.002	<0.01	5.92	10.9	1	1.5	170.0	0.86	0.10	18.4	0.257	1.53	2.0
N815053		15.8	116.5	<0.002	<0.01	6.93	10.8	1	1.2	132.5	0.90	<0.05	17.8	0.247	1.12	2.3
N815054		16.5	100.5	<0.002	<0.01	3.28	11.1	1	1.2	265	0.86	<0.05	19.7	0.260	1.08	1.9
N815055		17.7	108.5	0.003	<0.01	7.17	11.5	1	1.5	196.0	0.85	<0.05	20.6	0.269	0.98	2.0
N815056		21.0	162.0	<0.002	<0.01	9.42	10.6	1	1.3	46.4	0.65	<0.05	17.3	0.223	2.41	2.6
N815057		196.5	182.0	<0.002	0.01	26.6	10.8	1	1.4	48.0	0.71	<0.05	17.7	0.214	2.65	2.5
N815058		1735	180.0	<0.002	0.02	155.0	10.6	2	1.5	99.0	0.70	<0.05	16.4	0.194	2.49	2.9
N815059		827	177.5	<0.002	0.10	213	8.6	1	1.9	79.2	0.83	0.05	16.6	0.255	2.38	2.5
N815060		1870	196.5	<0.002	0.30	86.5	7.7	1	1.9	163.5	0.72	<0.05	15.8	0.233	3.38	2.9
N815061		777	140.0	<0.002	0.07	39.7	8.3	1	1.5	179.5	0.69	<0.05	16.6	0.238	2.47	3.2
N815062		67.0	99.6	<0.002	0.01	11.10	9.9	1	1.3	176.5	0.79	<0.05	20.3	0.264	1.39	2.4
N815063		591	126.0	<0.002	0.01	16.65	9.0	<1	1.3	201	0.90	0.08	19.2	0.250	1.84	2.4
N815064		237	242	<0.002	0.01	33.0	9.9	1	4.2	34.6	0.85	0.13	19.3	0.238	3.28	2.8
N815065		562	175.5	<0.002	0.03	53.2	8.8	1	1.7	58.2	0.68	<0.05	19.6	0.227	2.78	3.7
N815066		210	135.5	<0.002	<0.01	13.55	10.5	2	1.6	100.5	0.84	<0.05	20.1	0.227	1.59	2.2
N815067		2.0	0.9	<0.002	0.02	0.13	0.3	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N815068		301	154.0	<0.002	0.07	18.05	8.1	1	1.7	54.1	0.79	<0.05	16.8	0.197	2.29	2.3
N815069		1070	134.5	<0.002	0.01	63.2	8.3	2	1.4	47.4	0.75	0.07	17.4	0.185	2.27	3.4
N815070		917	122.5	<0.002	0.02	76.1	9.3	2	1.2	74.8	0.81	0.12	19.0	0.204	1.91	3.1
N815071		4080	173.0	0.006	0.64	69.3	14.7	4	21.2	415	0.78	0.29	7.9	0.470	2.09	4.0
N815072		124.0	130.0	0.002	<0.01	15.50	11.2	1	1.5	213	0.67	<0.05	17.2	0.320	1.79	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174431

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815037		96	19.7	14.2	215	19.6
N815038		94	6.0	13.2	155	13.7
N815039		100	11.3	14.0	197	14.0
N815040		93	18.1	18.7	1480	15.0
N815041		96	14.9	14.6	679	14.5
N815042		101	9.1	13.3	525	16.1
N815043		108	8.8	12.5	238	15.2
N815044		112	7.9	11.3	156	15.2
N815045		103	8.7	11.3	245	14.4
N815046		91	6.8	13.1	256	15.6
N815047		98	3.7	14.9	449	14.1
N815048		95	4.8	12.8	188	13.0
N815049		106	3.8	12.3	188	13.8
N815050		107	5.8	21.0	206	13.3
N815051		88	3.8	10.8	173	23.2
N815052		77	1.9	13.9	203	23.2
N815053		76	3.4	15.7	154	22.9
N815054		76	1.8	14.4	170	24.2
N815055		77	3.7	14.5	232	23.2
N815056		74	4.8	17.4	413	20.6
N815057		73	3.4	18.6	633	19.4
N815058		68	3.7	41.5	1150	19.7
N815059		70	4.7	12.2	687	23.8
N815060		68	4.8	7.9	930	21.7
N815061		69	4.5	14.9	1260	27.3
N815062		77	2.4	14.7	506	25.1
N815063		71	1.8	14.6	1020	25.6
N815064		66	4.2	16.4	642	29.4
N815065		71	2.7	17.3	839	27.2
N815066		69	4.6	12.5	706	25.5
N815067		2	0.1	0.8	15	<0.5
N815068		57	6.0	11.8	595	23.2
N815069		56	9.0	21.8	1120	23.2
N815070		60	6.0	19.6	1170	23.6
N815071		150	3.9	21.1	2570	70.5
N815072		104	3.8	16.6	665	29.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174431

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174432

Project: Klaza TR-12-36

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

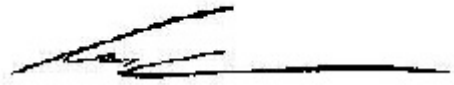
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174432

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897851		3.43	0.433	4.55	7.65	421	700	0.98	2.55	0.11	0.45	47.3	1.0	13	11.35	39.8
M897852		4.32	0.235	2.83	5.97	641	500	1.08	2.10	0.13	1.25	55.2	1.2	6	14.50	54.0
M897853		3.98	0.036	0.75	6.64	402	740	1.34	0.60	0.17	2.68	60.1	9.5	6	13.65	61.2
M897854		3.30	0.078	0.61	7.98	742	1110	1.71	0.43	0.39	3.96	61.0	13.0	16	13.90	55.2
M897855		3.91	0.044	0.44	8.56	244	1040	1.48	0.34	0.60	1.73	55.2	8.7	16	12.60	33.3
M897856		3.20	0.016	0.26	8.47	113.0	1140	1.42	0.28	1.04	1.16	58.3	9.3	15	10.60	20.8
M897857		2.94	0.014	0.17	8.57	57.9	1030	1.48	0.35	1.11	0.87	55.3	9.5	17	10.65	12.9
M897858		3.02	0.014	0.28	8.41	67.9	1080	1.40	3.17	0.67	0.76	51.8	8.5	14	10.60	14.3
M897859		3.90	0.010	0.23	8.39	48.1	920	1.48	0.38	0.62	0.79	55.0	8.2	13	15.55	11.0
M897860		3.26	0.006	0.12	8.49	30.8	960	1.34	0.22	0.40	0.46	48.7	8.5	13	11.55	11.6
M897861		3.17	0.007	0.14	8.85	65.1	880	1.47	0.49	0.39	0.84	55.1	8.4	14	11.70	12.4
M897862		3.51	0.006	0.13	8.76	38.6	1060	1.56	0.43	0.73	0.48	56.6	9.0	15	10.50	12.7
M897863		2.54	0.020	0.17	7.76	51.1	1300	1.33	0.46	0.25	0.79	57.9	5.5	10	12.25	9.4
M897864		2.79	0.007	0.09	7.98	23.9	1480	1.54	0.22	0.23	0.44	59.9	7.2	10	15.40	10.0
M897865		2.91	0.006	0.10	8.28	34.5	1030	1.24	0.14	1.13	0.42	46.9	7.3	12	10.20	8.1
M897866		3.05	0.005	0.10	8.21	35.0	850	1.42	0.16	0.45	0.47	49.6	9.4	14	14.10	9.4
M897867		3.65	0.006	0.12	8.13	40.1	1220	1.29	0.11	1.54	0.44	52.6	8.3	13	8.82	15.1
M897868		0.25	1.290	32.2	8.01	528	1260	1.92	1.40	0.31	31.4	77.1	6.0	19	3.34	139.5
M897869		2.93	0.006	0.24	8.49	29.0	880	1.27	0.16	1.22	0.41	55.1	8.9	13	17.20	11.4
M897870		4.37	<0.005	0.13	8.32	28.1	980	1.54	0.04	1.46	0.47	52.7	9.8	15	16.60	6.8
M897871		3.75	0.005	0.19	8.35	28.9	1040	1.24	0.73	0.85	0.39	56.5	8.3	14	19.20	15.5
M897872		4.18	0.008	0.72	8.15	44.6	1110	1.38	15.30	0.76	1.33	59.8	9.8	15	14.30	58.3
M897873		4.00	0.020	0.47	7.86	71.8	970	1.67	0.95	0.67	1.04	57.2	9.5	16	16.30	32.6
M897874		4.58	0.016	0.54	8.06	94.7	990	1.66	0.30	0.59	1.52	54.2	9.4	15	16.60	33.9
M897875		3.57	0.018	0.95	8.10	134.0	1160	1.66	0.81	1.10	1.77	46.6	9.9	16	12.55	52.8
M897876		3.73	0.008	0.50	7.96	48.7	1250	1.59	0.28	1.48	1.05	45.0	10.7	14	9.78	30.0
M897877		3.83	0.242	2.44	8.23	146.5	1150	1.52	1.77	0.72	1.98	55.2	10.3	17	15.15	64.3
M897878		3.40	0.228	1.11	8.48	88.6	1170	1.59	0.93	0.99	1.85	51.9	11.0	17	14.75	40.7
M897879		3.54	0.007	0.39	8.33	43.5	1260	1.39	0.18	0.65	0.94	52.0	10.8	15	12.00	20.1
M897880		2.91	0.005	0.31	8.43	54.4	1090	1.18	0.12	0.28	0.95	46.6	9.2	13	16.00	21.3
M897881		3.75	<0.005	0.03	0.11	<5	30	0.10	0.03	19.85	0.07	1.47	0.6	2	0.37	2.2
M897882		3.93	0.013	0.55	7.83	77.9	830	1.62	0.97	0.64	2.08	52.8	9.8	16	18.50	41.2
M897883		3.72	<0.005	0.34	8.29	29.2	1200	1.37	0.29	0.67	1.12	54.3	9.7	17	12.25	37.0
M897884		4.60	0.005	0.24	8.19	11.7	1240	1.64	0.09	1.69	1.09	52.2	12.5	18	11.10	50.5
M897885		3.76	0.006	0.18	8.33	17.3	1150	1.62	0.14	1.35	1.08	53.7	10.5	16	12.45	18.8
M897886		3.49	0.007	0.25	8.18	22.2	1210	1.54	0.15	1.98	0.95	50.3	10.5	15	10.20	18.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897851		1.68	17.10	0.11	0.8	0.230	3.52	25.9	9.8	0.34	191	2.76	0.03	8.0	1.3	180
M897852		2.22	12.05	0.14	1.5	0.127	2.53	32.3	14.6	0.23	174	1.80	0.03	7.5	1.5	210
M897853		1.91	13.00	0.13	1.4	0.054	2.75	35.5	17.2	0.25	1640	3.96	0.08	8.1	2.8	180
M897854		3.41	17.75	0.15	0.7	0.057	3.02	33.1	16.9	0.35	3770	4.80	0.26	9.1	7.5	560
M897855		3.34	17.75	0.11	0.7	0.044	2.24	25.9	23.3	0.38	1320	2.45	0.75	9.0	5.4	620
M897856		3.27	17.50	0.11	0.6	0.031	2.45	28.3	17.6	0.46	1120	1.82	1.30	8.6	5.4	610
M897857		3.49	17.85	0.13	0.6	0.029	2.21	25.7	14.4	0.51	1260	1.85	1.57	8.6	6.8	650
M897858		3.38	17.70	0.13	0.8	0.032	2.29	26.4	17.8	0.35	895	1.83	1.22	9.3	4.7	650
M897859		3.23	17.30	0.13	0.8	0.039	2.24	27.6	17.0	0.33	912	1.92	1.20	8.6	4.6	630
M897860		2.95	16.45	0.11	0.7	0.026	2.15	21.3	17.2	0.32	668	1.39	0.96	8.6	4.4	630
M897861		3.20	18.25	0.13	0.7	0.058	2.13	26.6	19.2	0.25	1160	2.42	0.78	9.0	5.0	690
M897862		3.33	18.40	0.14	0.8	0.040	2.24	26.6	16.0	0.39	678	1.73	1.41	9.9	5.4	670
M897863		2.53	15.15	0.15	1.3	0.033	2.81	31.4	13.0	0.27	1140	2.91	0.59	8.2	3.8	430
M897864		2.79	15.70	0.11	0.7	0.021	2.85	31.6	13.6	0.26	829	2.90	0.54	8.5	4.2	460
M897865		2.95	15.90	0.10	0.6	0.030	2.20	22.3	11.3	0.34	682	1.32	1.71	8.1	4.4	600
M897866		3.30	15.75	0.12	0.6	0.025	2.50	25.9	9.5	0.31	1020	2.27	1.57	7.8	4.9	620
M897867		3.17	16.40	0.15	0.7	0.027	2.14	25.1	13.2	0.56	877	1.40	2.18	8.5	4.8	630
M897868		5.93	23.7	0.20	2.2	0.222	3.53	38.5	23.1	0.30	1070	6.16	0.08	11.5	7.4	1790
M897869		3.40	17.10	0.12	0.7	0.019	2.39	27.7	14.0	0.35	719	2.02	1.74	7.9	4.8	590
M897870		3.40	17.30	0.11	0.7	0.027	2.09	29.0	18.3	0.37	787	1.82	1.59	8.8	5.3	610
M897871		3.23	17.15	0.12	0.8	0.026	2.12	31.7	26.2	0.29	638	2.19	1.01	8.8	5.0	610
M897872		3.54	16.45	0.11	0.8	0.061	2.21	28.5	25.8	0.43	1660	4.05	1.02	8.1	5.6	600
M897873		3.31	17.40	0.19	0.8	0.061	2.61	27.3	18.1	0.35	1260	3.16	0.67	9.6	6.4	610
M897874		3.24	17.70	0.16	0.7	0.069	2.38	28.5	21.5	0.31	1430	3.40	0.57	8.9	5.7	600
M897875		3.37	16.80	0.15	0.8	0.074	2.25	25.6	15.5	0.44	1460	2.88	1.04	9.5	6.3	660
M897876		3.48	18.10	0.13	0.7	0.048	2.06	19.2	14.2	0.47	1020	1.93	1.55	9.7	6.2	660
M897877		3.54	18.45	0.17	0.7	0.082	2.18	29.4	21.4	0.40	1500	3.88	0.70	9.3	6.3	640
M897878		3.53	18.25	0.14	0.8	0.053	2.17	29.9	20.7	0.53	1460	3.07	0.88	9.3	6.5	670
M897879		3.34	17.90	0.13	0.7	0.036	1.99	26.4	22.9	0.58	839	2.24	0.71	9.6	5.9	630
M897880		3.19	17.55	0.13	0.6	0.028	1.88	22.7	22.4	0.35	719	7.94	0.25	9.2	5.2	640
M897881		0.46	0.33	0.13	<0.1	0.006	0.03	0.7	1.3	12.20	212	0.12	0.01	0.2	1.7	170
M897882		3.34	17.00	0.19	0.7	0.053	1.92	30.9	43.7	0.32	1120	4.65	0.38	8.6	6.6	610
M897883		3.52	19.05	0.16	0.6	0.050	1.96	28.8	20.6	0.47	565	2.72	0.82	9.6	8.0	680
M897884		3.88	19.30	0.10	0.7	0.052	1.91	23.6	15.1	0.60	704	2.08	1.70	10.3	7.1	710
M897885		3.37	19.15	0.14	0.7	0.053	1.87	25.2	15.2	0.54	877	2.99	1.79	9.5	7.4	630
M897886		3.28	18.10	0.15	0.8	0.051	1.92	24.8	15.7	0.71	943	2.75	1.86	9.5	7.1	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M897851		846	231	<0.002	0.19	96.4	9.7	<1	2.4	176.5	0.71	<0.05	7.8	0.291	2.87	1.5
M897852		197.0	143.5	<0.002	0.22	65.3	4.0	1	1.0	126.0	0.92	<0.05	24.9	0.133	1.98	2.3
M897853		78.0	150.5	<0.002	0.09	26.8	4.9	1	0.9	68.7	0.92	<0.05	24.6	0.148	2.30	2.4
M897854		101.0	185.0	0.002	0.02	29.0	12.0	1	1.5	86.0	0.91	<0.05	14.7	0.312	2.47	2.5
M897855		43.8	116.5	<0.002	0.01	23.5	11.9	<1	1.4	126.0	0.73	<0.05	16.4	0.318	1.34	2.0
M897856		23.5	120.5	0.002	0.01	10.55	11.5	<1	1.4	203	0.71	<0.05	15.7	0.310	1.39	1.9
M897857		17.8	120.0	<0.002	<0.01	5.95	12.3	1	1.5	226	0.75	<0.05	14.5	0.317	1.27	1.9
M897858		15.9	109.0	<0.002	<0.01	8.56	11.5	1	1.5	172.5	0.85	<0.05	16.4	0.309	1.05	2.3
M897859		18.1	106.5	<0.002	<0.01	7.16	11.1	<1	1.8	169.5	0.86	<0.05	16.9	0.303	1.28	2.3
M897860		17.0	103.5	<0.002	<0.01	6.23	11.1	<1	1.3	144.0	0.88	<0.05	16.6	0.310	1.31	1.8
M897861		21.7	107.5	<0.002	<0.01	10.30	12.1	1	2.8	108.0	0.88	<0.05	16.0	0.327	1.33	2.2
M897862		18.8	105.5	<0.002	<0.01	5.57	12.3	1	2.0	175.0	0.94	<0.05	16.2	0.325	1.01	2.0
M897863		22.8	160.0	<0.002	0.01	6.34	8.0	<1	1.5	58.9	0.87	<0.05	17.6	0.227	1.74	2.2
M897864		10.2	156.5	<0.002	0.02	5.07	8.3	<1	1.1	54.5	0.83	<0.05	20.2	0.244	1.73	2.0
M897865		12.9	97.9	<0.002	<0.01	4.14	10.6	1	1.4	227	0.72	<0.05	14.5	0.291	1.06	1.9
M897866		11.4	145.0	<0.002	0.01	3.94	10.8	<1	1.2	115.0	0.71	<0.05	14.3	0.307	1.52	1.9
M897867		16.2	93.9	<0.002	<0.01	3.05	12.4	1	1.2	309	0.79	<0.05	15.0	0.303	0.91	1.8
M897868		3980	169.0	0.008	0.62	69.2	14.5	5	20.9	406	0.73	0.32	7.6	0.456	1.96	3.9
M897869		15.2	105.0	<0.002	<0.01	2.77	10.3	1	1.5	239	0.73	<0.05	15.5	0.299	1.00	2.1
M897870		13.5	89.5	0.003	<0.01	2.85	11.5	1	1.4	238	0.88	<0.05	16.1	0.307	0.87	2.2
M897871		13.7	97.9	<0.002	0.01	4.75	11.2	1	1.4	153.5	0.85	<0.05	16.1	0.313	1.01	2.2
M897872		69.0	120.5	<0.002	<0.01	8.10	11.0	<1	1.9	154.5	0.80	0.20	15.9	0.306	1.53	2.3
M897873		91.2	153.5	0.002	<0.01	9.46	12.4	1	1.6	130.5	0.92	0.05	16.2	0.298	2.19	2.4
M897874		67.2	144.5	0.002	<0.01	12.15	12.4	<1	1.5	117.0	0.86	<0.05	15.9	0.297	1.93	2.3
M897875		98.4	115.0	<0.002	<0.01	12.20	12.8	1	1.5	188.5	0.87	<0.05	15.6	0.316	1.51	2.2
M897876		28.6	77.5	0.002	<0.01	7.71	12.1	1	1.6	260	0.91	<0.05	13.0	0.325	0.92	2.0
M897877		175.0	122.0	0.002	0.01	25.4	13.2	1	1.6	147.5	0.83	<0.05	14.7	0.319	1.36	2.4
M897878		95.3	116.0	0.002	0.01	15.90	13.0	1	1.4	171.0	0.84	<0.05	14.0	0.322	1.34	2.6
M897879		23.7	87.9	0.002	<0.01	7.30	13.1	1	1.4	148.0	0.84	<0.05	15.2	0.311	0.91	1.8
M897880		20.5	89.4	0.002	<0.01	9.55	12.8	1	1.3	73.7	0.83	<0.05	15.2	0.308	0.89	2.3
M897881		2.1	2.1	<0.002	0.01	0.09	0.3	<1	0.2	51.6	<0.05	<0.05	0.2	<0.005	0.03	1.1
M897882		44.7	103.5	0.002	<0.01	14.85	12.6	1	1.4	107.5	0.77	<0.05	13.8	0.312	1.27	2.6
M897883		19.5	98.4	0.002	<0.01	6.61	14.4	1	1.5	173.5	0.70	<0.05	14.0	0.321	0.77	2.3
M897884		14.7	87.1	0.002	<0.01	2.48	16.6	1	1.7	299	0.80	<0.05	12.9	0.350	0.65	2.2
M897885		17.8	98.6	0.002	<0.01	3.24	13.7	<1	2.1	255	0.76	<0.05	13.0	0.308	0.80	2.3
M897886		33.9	82.0	0.002	<0.01	4.46	13.5	1	1.5	322	0.80	<0.05	14.1	0.313	0.79	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174432

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897851		78	3.4	3.8	52	20.1
M897852		32	1.5	7.1	98	41.4
M897853		34	1.9	9.8	151	38.7
M897854		92	3.9	16.6	314	17.7
M897855		93	3.3	13.6	170	15.2
M897856		92	1.9	14.4	130	15.0
M897857		94	2.4	15.9	102	15.1
M897858		92	3.3	15.8	104	18.2
M897859		90	2.8	15.5	96	17.0
M897860		90	3.2	14.6	73	16.0
M897861		95	4.0	16.2	96	16.3
M897862		96	2.6	16.0	78	18.0
M897863		64	2.7	11.7	85	20.3
M897864		69	3.7	12.0	63	18.9
M897865		84	2.0	13.1	69	15.0
M897866		90	1.7	13.9	78	13.5
M897867		89	1.6	15.8	82	14.8
M897868		146	3.8	20.2	2480	66.6
M897869		92	3.1	14.6	72	15.5
M897870		95	2.6	15.5	70	15.6
M897871		96	4.6	15.0	70	17.2
M897872		95	4.0	13.6	207	17.2
M897873		93	3.5	14.0	130	18.0
M897874		91	4.2	15.8	171	15.0
M897875		99	4.4	17.2	206	17.1
M897876		103	3.1	13.5	140	15.1
M897877		97	5.0	18.7	226	16.7
M897878		101	5.5	18.0	192	18.1
M897879		96	10.8	15.0	134	14.7
M897880		95	15.9	14.7	134	14.6
M897881		2	0.2	0.8	19	<0.5
M897882		97	8.3	18.8	200	16.2
M897883		106	4.2	16.3	150	15.2
M897884		119	6.5	16.7	111	14.1
M897885		99	3.2	15.2	123	16.0
M897886		95	3.3	15.4	141	17.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174432

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174433

Project: Klaza TR-12-36

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

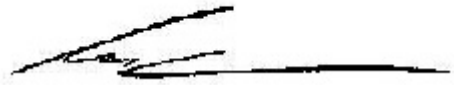
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174433

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815001		3.54	0.011	0.21	7.92	25.9	1260	1.41	0.10	1.84	0.98	50.8	9.9	13	9.76	16.2
N815002		3.40	0.009	0.20	8.01	27.3	1260	1.47	0.08	1.75	1.17	54.8	10.0	13	9.05	11.4
N815003		3.34	0.012	0.29	8.04	23.1	1190	1.42	0.39	1.38	2.19	51.1	9.8	12	12.75	25.5
N815004		3.40	0.033	1.06	8.08	117.5	1080	1.31	1.11	1.00	3.15	53.2	9.3	22	13.00	42.9
N815005		3.41	0.013	0.83	7.98	55.7	1120	1.55	1.20	1.30	1.40	60.0	9.3	19	10.95	29.6
N815006		3.98	0.007	0.30	7.79	27.4	1170	1.41	0.67	1.49	0.94	51.6	9.2	21	10.20	23.7
N815007		2.55	0.005	0.21	8.42	15.9	1140	1.55	0.22	1.91	0.60	55.1	11.9	15	10.55	26.9
N815008		3.45	0.009	0.50	8.03	36.2	1130	1.47	0.64	1.54	0.80	52.6	10.9	35	8.39	50.1
N815009		3.82	0.011	0.53	8.09	42.3	1100	1.55	0.96	1.64	0.81	52.3	10.8	34	9.07	36.1
N815010		3.30	0.009	0.38	8.27	29.9	1140	1.40	1.83	1.98	0.89	57.8	10.5	25	7.21	31.2
N815011		3.20	<0.005	0.13	7.81	12.1	1110	1.50	0.33	2.07	0.61	51.1	9.4	22	7.07	25.4
N815012		5.34	<0.005	0.12	8.07	17.3	1110	1.40	0.20	1.62	0.30	50.3	9.6	13	12.15	20.7
N815013		5.18	<0.005	0.44	8.11	6.3	1310	1.33	2.99	2.54	0.25	51.2	10.4	14	7.08	112.5
N815014		0.22	1.350	37.8	7.88	554	1240	1.97	1.35	0.31	31.3	74.9	5.9	18	3.36	137.5
N815015		4.06	<0.005	0.51	8.21	8.5	1200	1.27	1.92	1.83	0.41	52.9	9.6	14	7.62	89.4
N815016		6.02	<0.005	0.22	8.29	6.7	1240	1.47	0.55	2.02	0.31	48.5	9.4	13	7.47	84.5
N815017		6.11	0.006	0.16	8.30	17.3	1090	1.33	0.28	0.87	0.45	45.7	8.5	13	14.85	98.4
N815018		5.49	<0.005	0.32	8.17	9.6	1250	1.49	1.33	1.85	1.04	54.3	9.1	13	9.86	56.6
N815019		6.24	0.013	0.66	7.65	116.5	1090	1.39	4.66	1.02	2.71	56.9	7.8	10	11.45	129.0
N815020		4.71	0.017	0.93	7.69	112.0	790	1.48	2.54	0.23	2.24	56.0	7.0	16	31.8	173.5
N815021		4.29	0.022	0.66	7.43	131.0	870	1.47	0.90	0.40	1.81	51.4	4.9	10	15.25	93.6
N815022		6.37	0.006	0.21	7.63	38.6	710	1.59	0.50	0.23	1.98	54.0	6.1	8	32.6	65.0
N815023		5.49	0.011	0.35	7.31	42.5	900	1.36	2.40	0.28	1.82	49.2	7.5	9	22.4	132.5
N815024		5.07	<0.005	0.24	7.31	32.0	1080	1.24	1.88	0.47	1.21	48.0	6.3	10	16.50	81.8
N815025		5.67	<0.005	0.15	7.56	18.7	1250	1.19	0.27	0.25	0.90	42.4	6.3	10	13.00	46.8
N815026		6.09	0.005	0.26	7.83	17.1	1160	1.39	2.23	0.90	1.36	51.0	8.5	14	12.00	52.6
N815027		5.52	0.035	0.51	7.94	34.2	1060	1.54	5.39	0.79	2.13	56.2	9.7	13	17.50	79.5
N815028		4.96	<0.005	0.38	8.20	8.0	1230	1.45	0.71	0.72	1.61	50.9	9.8	14	14.00	29.6
N815029		4.53	0.006	34.5	7.74	67.8	1100	1.81	4.15	0.28	2.63	45.5	11.4	16	23.3	257
N815030		4.49	0.007	0.32	8.14	10.2	1230	1.31	0.42	0.48	1.27	43.0	9.6	18	11.80	23.6
N815031		4.30	0.006	0.81	9.35	26.9	1610	1.70	15.20	0.73	3.64	64.6	15.3	14	16.75	84.0
N815032		5.41	0.005	0.44	8.99	26.4	1980	1.71	6.82	1.42	2.48	48.4	18.9	55	18.45	58.9
N815033		6.77	0.006	0.16	8.06	26.1	1300	1.64	0.43	0.62	2.04	43.9	9.8	13	28.3	22.1
N815034		3.40	<0.005	0.07	0.11	7	60	0.09	0.04	21.6	0.07	1.52	1.7	2	0.55	2.1
N815035		4.49	<0.005	0.19	8.55	52.9	1440	1.82	0.56	0.59	3.11	56.9	12.3	19	21.3	23.4
N815036		4.96	0.005	0.14	8.69	13.3	1330	1.55	0.38	0.58	2.20	53.7	11.0	15	16.20	15.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815001		3.40	16.65	0.07	0.8	0.033	2.01	23.7	15.9	0.67	848	1.73	1.89	8.4	6.0	600
N815002		3.38	17.35	0.08	0.8	0.038	2.17	24.7	14.0	0.65	808	1.23	1.96	9.2	5.7	620
N815003		3.39	16.65	0.07	0.8	0.034	2.02	24.6	19.0	0.62	765	2.33	1.51	8.7	6.6	600
N815004		3.44	16.35	0.08	1.0	0.095	2.08	31.1	24.1	0.45	993	4.16	1.07	8.5	7.9	650
N815005		3.50	16.40	0.09	0.9	0.050	2.02	30.1	18.0	0.53	914	2.45	1.33	8.8	8.7	620
N815006		3.32	15.95	0.10	0.9	0.044	2.03	29.4	15.8	0.65	1010	2.01	1.53	8.5	9.7	660
N815007		3.80	18.00	0.10	0.9	0.047	2.01	27.9	15.7	0.90	1080	1.65	1.95	8.7	9.4	620
N815008		3.52	17.45	0.08	1.0	0.058	1.98	29.9	17.3	0.72	897	3.67	1.63	8.8	13.5	690
N815009		3.61	17.20	0.08	1.1	0.056	1.97	28.1	17.5	0.78	908	2.69	1.65	8.7	12.4	670
N815010		3.71	17.95	0.10	1.1	0.084	1.92	29.8	17.6	0.89	962	2.05	1.97	9.0	11.0	720
N815011		3.38	16.40	0.08	1.0	0.045	1.89	26.9	16.2	0.80	790	1.48	2.00	8.8	9.7	660
N815012		3.35	16.70	0.08	0.6	0.040	1.98	26.5	16.6	0.68	758	1.52	1.85	8.0	5.2	610
N815013		3.67	16.30	0.07	0.6	0.101	2.04	26.1	18.9	1.07	1050	1.89	2.23	8.3	5.7	610
N815014		5.87	23.6	0.14	2.4	0.242	3.56	37.6	23.8	0.30	1080	5.46	0.07	12.6	7.7	1780
N815015		3.58	16.40	0.10	0.7	0.074	2.10	26.7	17.1	0.87	1020	2.06	2.14	8.3	5.9	600
N815016		3.43	16.90	0.07	0.7	0.062	2.14	22.6	16.1	0.86	961	1.70	2.28	8.9	5.1	600
N815017		3.10	17.45	0.07	0.7	0.033	2.08	22.6	15.4	0.51	726	4.19	1.21	9.3	5.0	640
N815018		3.23	17.20	0.10	0.9	0.082	2.37	28.1	15.0	0.79	778	4.85	2.23	9.6	5.1	520
N815019		2.94	15.05	0.08	1.0	0.092	2.42	31.4	17.1	0.45	1130	13.90	1.42	8.8	4.6	450
N815020		2.87	16.30	0.08	1.2	0.089	2.49	33.6	28.1	0.22	1060	23.0	0.57	8.8	4.0	410
N815021		2.38	15.15	0.09	1.1	0.054	2.43	27.6	27.1	0.19	477	12.40	0.71	9.4	3.2	330
N815022		2.49	15.50	0.07	1.0	0.035	2.47	35.3	33.5	0.19	749	10.75	0.34	9.2	3.6	370
N815023		2.46	15.20	0.14	0.9	0.027	2.33	29.2	36.0	0.17	637	15.85	0.48	8.6	3.4	360
N815024		2.19	15.15	0.12	1.0	0.018	2.46	24.3	27.4	0.25	561	7.47	0.73	9.0	3.3	340
N815025		2.11	15.25	0.11	0.9	0.020	2.60	16.3	32.2	0.31	448	6.90	0.36	9.2	3.2	360
N815026		2.73	16.65	0.13	0.9	0.073	2.26	24.7	23.5	0.52	663	8.62	1.06	9.9	4.7	440
N815027		3.33	17.40	0.16	0.9	0.241	2.13	28.4	21.8	0.58	998	9.86	1.18	9.9	5.0	530
N815028		3.35	17.40	0.17	0.7	0.138	2.30	22.3	22.9	0.75	864	8.83	0.90	9.5	5.4	520
N815029		3.62	18.10	0.18	0.7	1.765	2.44	22.7	40.3	0.50	1020	246	0.24	9.5	4.9	520
N815030		3.27	17.45	0.14	0.8	0.064	2.31	18.0	26.5	0.72	595	6.29	0.58	10.0	5.3	530
N815031		4.73	22.5	0.24	0.9	1.045	3.39	34.3	17.6	0.63	1910	18.00	1.77	11.5	6.3	640
N815032		5.52	20.3	0.23	1.7	0.505	2.52	23.7	22.3	1.39	1800	10.65	1.91	9.6	17.7	970
N815033		3.30	18.10	0.18	0.9	0.069	2.05	19.1	40.0	0.61	1020	8.01	0.73	10.1	5.5	580
N815034		0.50	0.41	0.06	<0.1	0.006	0.04	0.7	1.3	13.00	227	0.24	0.01	0.5	1.0	170
N815035		3.77	19.15	0.16	1.2	0.130	2.67	30.7	117.5	0.53	1190	15.95	0.73	9.8	6.0	720
N815036		3.42	19.05	0.18	0.8	0.047	2.42	21.4	27.5	0.77	827	11.95	0.77	10.6	5.5	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815001		20.5	78.1	<0.002	<0.01	3.84	13.0	1	1.3	318	0.69	<0.05	13.4	0.306	0.73	1.5
N815002		18.8	90.1	<0.002	<0.01	3.54	13.7	1	1.4	307	0.76	<0.05	15.6	0.306	0.82	1.9
N815003		28.7	92.2	<0.002	<0.01	5.78	12.8	1	1.5	260	0.76	<0.05	12.9	0.309	0.87	2.1
N815004		283	101.5	0.002	0.01	18.80	12.6	2	1.5	202	0.78	<0.05	12.4	0.333	1.09	2.7
N815005		63.2	94.3	<0.002	0.01	13.95	12.0	1	1.5	229	0.74	<0.05	12.8	0.321	1.03	2.2
N815006		43.7	93.7	<0.002	<0.01	6.49	11.8	1	1.4	260	0.75	<0.05	11.7	0.316	1.00	2.0
N815007		16.6	88.5	<0.002	<0.01	3.55	15.2	2	1.6	306	0.73	<0.05	12.6	0.339	0.90	1.9
N815008		46.2	95.7	<0.002	0.01	8.83	13.7	2	1.8	274	0.73	0.09	11.8	0.337	1.02	2.1
N815009		60.1	93.6	<0.002	0.01	10.15	13.2	2	1.7	285	0.72	0.08	11.2	0.331	1.00	2.0
N815010		62.3	90.1	<0.002	0.03	7.87	13.6	2	1.7	329	0.73	0.09	11.5	0.351	0.93	2.0
N815011		28.1	78.1	<0.002	0.01	3.88	12.1	2	1.5	334	0.76	<0.05	12.2	0.323	0.77	1.9
N815012		22.4	84.5	<0.002	<0.01	4.30	12.6	1	1.3	289	0.69	<0.05	12.7	0.304	1.03	1.8
N815013		20.5	77.8	<0.002	<0.01	1.54	13.0	2	1.5	377	0.77	<0.05	13.1	0.317	0.80	1.6
N815014		4010	171.0	0.002	0.62	68.8	15.4	5	22.2	391	0.78	0.29	7.3	0.473	2.14	3.8
N815015		24.3	95.2	<0.002	<0.01	3.14	12.8	2	1.7	349	0.69	<0.05	12.8	0.318	0.87	1.7
N815016		17.3	83.7	<0.002	<0.01	2.92	12.6	1	1.6	364	0.81	<0.05	12.4	0.314	0.82	1.5
N815017		15.4	102.5	<0.002	<0.01	7.99	13.1	3	1.8	181.0	0.78	<0.05	13.1	0.318	0.90	2.0
N815018		22.7	98.5	<0.002	<0.01	3.35	11.5	3	1.8	314	0.81	<0.05	16.2	0.287	0.87	1.9
N815019		83.8	114.5	<0.002	<0.01	12.00	9.2	1	1.7	190.5	0.87	0.18	20.6	0.236	1.26	2.3
N815020		161.0	157.0	<0.002	<0.01	11.45	9.0	2	3.3	73.2	0.82	0.08	18.7	0.227	2.08	2.6
N815021		222	119.0	<0.002	<0.01	7.58	7.5	1	1.5	95.5	1.00	<0.05	19.6	0.185	1.39	2.6
N815022		16.7	134.0	0.002	<0.01	8.46	8.6	1	1.2	58.4	1.00	<0.05	19.2	0.218	1.53	2.6
N815023		17.2	120.5	<0.002	<0.01	9.57	8.2	1	1.3	73.7	0.78	0.07	19.8	0.188	1.24	2.4
N815024		18.3	109.0	<0.002	<0.01	8.01	8.0	1	1.0	120.0	0.89	<0.05	19.7	0.190	0.94	2.0
N815025		13.0	113.0	<0.002	<0.01	12.15	7.8	1	1.1	91.9	0.84	0.05	18.6	0.200	0.88	1.8
N815026		51.5	107.0	<0.002	<0.01	6.85	10.7	1	1.5	182.0	0.88	0.05	19.1	0.235	0.90	1.8
N815027		116.0	116.0	<0.002	<0.01	9.06	13.3	2	2.2	196.0	0.84	0.22	15.6	0.271	1.43	1.9
N815028		122.5	99.0	<0.002	<0.01	10.65	13.1	1	1.5	177.5	0.81	<0.05	16.4	0.279	1.00	1.5
N815029		>10000	137.0	<0.002	0.05	42.8	13.8	2	2.0	97.8	0.83	0.14	15.9	0.278	1.51	2.6
N815030		52.3	98.7	<0.002	<0.01	7.57	13.1	1	1.5	134.5	0.89	<0.05	15.0	0.287	0.96	1.6
N815031		131.0	181.5	<0.002	0.01	13.45	16.1	2	5.3	210	1.00	0.24	21.6	0.333	2.18	2.9
N815032		61.2	113.5	<0.002	<0.01	9.22	21.8	2	3.1	326	0.80	0.11	12.0	0.389	1.49	2.6
N815033		29.1	98.7	<0.002	<0.01	10.40	13.5	2	1.8	153.5	0.84	<0.05	13.4	0.298	1.03	2.0
N815034		2.0	2.6	<0.002	0.01	0.06	0.4	1	0.2	53.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N815035		35.0	150.5	<0.002	<0.01	15.50	15.2	2	1.8	139.0	0.93	<0.05	15.6	0.331	1.70	2.5
N815036		35.2	118.5	<0.002	<0.01	11.60	14.4	2	1.6	164.0	0.91	<0.05	16.0	0.313	0.99	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174433

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N815001		96	4.7	11.3	144	14.4	
N815002		97	2.5	12.6	128	16.1	
N815003		97	3.9	13.4	168	15.1	
N815004		99	3.8	16.1	345	20.1	
N815005		99	3.0	16.4	221	21.1	
N815006		95	2.5	14.2	143	21.0	
N815007		109	3.0	15.6	85	17.5	
N815008		103	3.3	16.4	111	26.7	
N815009		102	3.3	15.6	129	29.7	
N815010		109	4.7	16.1	131	30.8	
N815011		99	5.8	14.7	84	25.1	
N815012		98	6.0	14.0	69	10.3	
N815013		101	4.7	16.7	93	11.7	
N815014		149	4.1	19.7	2560	67.2	
N815015		98	20.8	13.2	110	11.8	
N815016		96	19.2	12.2	98	13.1	
N815017		101	25.6	14.1	80	13.6	
N815018		86	41.2	15.4	140	20.2	
N815019		69	27.0	13.8	240	23.3	
N815020		69	9.0	16.6	320	29.6	
N815021		52	9.5	14.1	284	24.8	
N815022		64	9.4	16.5	175	23.8	
N815023		55	9.6	13.9	149	22.5	
N815024		52	8.1	11.9	130	25.2	
N815025		55	10.6	9.7	134	24.3	
N815026		71	13.9	13.0	190	22.5	
N815027		88	17.9	17.5	415	20.5	
N815028		86	15.9	13.8	581	15.9	
N815029		88	10.9	18.9	780	16.8	1.285
N815030		88	8.9	14.6	356	16.6	
N815031		114	14.3	19.6	526	22.2	
N815032		147	11.6	18.8	396	60.4	
N815033		91	9.2	13.9	257	21.9	
N815034		2	0.1	0.9	16	0.6	
N815035		106	17.0	18.7	336	35.6	
N815036		98	18.6	14.2	288	16.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12174433

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174481

Project: Klaza - 87/84

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
EXTRA-01	Extra Sample received in Shipment
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

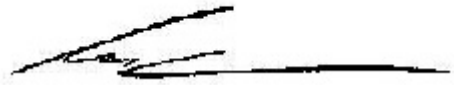
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 87/84

CERTIFICATE OF ANALYSIS WH12174481

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810255		5.09	<0.005	0.02	7.05	6.4	2120	1.61	0.13	2.95	0.10	39.6	8.3	13	18.20	5.0
N810256		0.22	2.28	25.9	6.05	2960	1430	1.63	17.10	2.23	83.2	44.4	11.5	20	15.55	448
N810257		2.47	<0.005	0.15	7.30	9.8	2030	1.72	0.23	3.01	0.16	40.1	8.9	11	20.1	4.8
N810258		3.45	<0.005	0.21	6.75	10.8	1700	1.67	0.46	2.93	0.20	38.7	8.4	12	22.3	5.9
N810259		3.28	<0.005	0.02	0.08	<5	20	0.05	0.03	20.2	0.08	1.22	0.6	2	0.26	1.6
N810260		3.46	<0.005	0.09	7.32	7.6	1430	1.84	0.14	2.64	0.11	47.7	8.5	9	20.0	3.6
N810261		<0.02	<0.005	0.11	7.12	6.6	1400	1.87	0.15	2.71	0.11	44.0	8.9	10	20.5	3.8
N810262		2.42	<0.005	0.17	7.20	19.6	1750	1.83	0.14	3.42	0.29	48.6	8.3	9	17.10	9.0
N810263		4.54	0.052	0.89	6.54	57.8	1090	1.47	2.10	2.74	1.97	43.7	10.1	9	17.05	5.6
N810264		2.92	<0.005	0.16	7.14	9.9	1250	1.68	0.31	2.44	0.27	46.4	7.1	9	18.80	24.1
N810265		2.62	<0.005	0.11	7.13	5.2	1820	1.80	0.51	3.37	0.09	36.1	9.4	11	19.50	14.6
N810266		1.78	<0.005	0.04	7.05	7.5	1800	1.63	0.21	3.07	0.09	37.8	8.4	11	15.65	4.9
N810267		7.64	<0.005	0.15	7.71	10.1	2310	1.71	0.14	2.70	0.14	49.1	8.9	13	7.82	16.1
N810268		12.35	<0.005	0.14	7.40	7.8	2110	1.66	0.22	2.36	0.35	50.3	7.3	11	7.01	11.1
N810269		2.88	<0.005	0.08	7.39	6.3	2210	1.79	0.13	2.38	0.21	50.5	7.8	13	6.69	9.8
N810270		6.42	0.009	0.19	7.62	13.2	2130	1.68	0.48	2.33	0.45	48.5	7.8	12	6.86	12.4
N810271		11.92	<0.005	0.11	7.37	7.0	2170	1.82	0.20	2.57	0.21	45.7	8.0	12	5.03	13.7
N810272		0.21	0.744	10.05	6.85	1640	1120	1.70	5.80	1.94	44.7	46.7	17.1	22	17.60	113.0
N810273		11.90	0.007	0.21	7.42	16.0	2130	1.74	0.39	2.61	0.34	49.7	6.6	11	8.56	8.1
N810274		6.70	0.011	0.29	7.35	9.6	1890	1.56	0.46	2.72	0.30	47.7	7.4	11	9.98	13.4
N810275		6.25	<0.005	0.08	7.75	4.4	2120	1.83	0.07	2.76	0.15	49.4	8.4	17	5.82	10.4
N810276		3.59	<0.005	0.06	7.75	3.8	2140	1.91	0.07	2.74	0.13	48.1	7.3	13	5.34	8.6
N810277		8.41	0.011	0.25	7.32	11.6	2100	1.64	0.37	2.75	2.00	48.9	6.7	12	6.27	14.6
N810278		12.32	<0.005	0.09	7.39	6.3	2200	1.74	0.11	2.74	0.24	46.9	6.9	12	4.27	9.4
N810279		9.04	0.006	0.10	7.11	6.8	1570	1.42	0.33	2.50	0.24	41.9	5.8	11	3.75	7.1
N810280		11.55	<0.005	0.05	7.96	5.7	2320	1.67	0.08	2.82	0.11	52.5	7.1	12	3.74	7.1
N810281		9.94	0.006	0.12	7.68	7.4	2240	1.63	0.13	2.72	0.47	53.8	7.9	10	6.13	11.5
N810282		9.26	<0.005	0.11	7.74	9.4	2230	1.77	0.11	2.71	0.11	51.9	8.9	11	5.25	7.9
N810283		4.49	<0.005	0.14	7.61	6.9	2240	1.53	0.11	2.76	0.93	51.1	7.3	10	5.90	8.3
N810284		4.75	<0.005	0.12	7.73	5.9	2270	1.67	0.16	2.76	0.09	55.7	8.0	14	5.03	15.5
N810285		6.62	<0.005	0.17	6.98	10.0	1950	1.48	0.18	2.90	0.17	50.4	7.6	10	9.02	7.7
N810286		6.38	0.010	0.46	7.61	15.6	1990	1.71	0.67	2.73	0.35	49.9	7.6	10	10.35	9.6
N810287		5.62	<0.005	0.15	7.64	6.6	1970	1.72	0.23	2.73	0.08	49.2	7.0	10	8.76	9.9
N810288		3.05	<0.005	0.03	0.09	8	40	0.09	0.03	21.1	0.08	1.43	0.6	1	0.16	1.3
N810289		7.17	<0.005	0.09	7.55	6.7	2240	1.73	0.14	2.81	0.09	47.8	7.5	11	6.14	10.5
N813667		4.23	0.277	1.25	7.39	169.0	1720	1.58	0.49	2.84	7.20	51.5	3.6	7	15.95	21.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 87/84

CERTIFICATE OF ANALYSIS WH12174481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810255		2.99	17.05	0.11	1.2	0.039	2.64	19.5	11.8	0.76	669	1.45	1.95	8.1	3.1	600
N810256		6.65	15.75	0.16	0.9	1.755	2.61	24.6	24.3	0.91	1910	13.45	0.04	6.3	16.8	460
N810257		3.07	17.30	0.14	1.2	0.038	2.64	19.9	40.8	0.80	760	0.58	1.73	8.3	3.3	610
N810258		2.97	16.55	0.17	1.2	0.047	2.91	19.5	38.2	0.92	1230	0.58	0.27	7.9	2.8	580
N810259		0.47	0.21	0.08	<0.1	0.007	0.03	0.6	1.3	12.40	214	0.32	0.01	0.1	1.7	160
N810260		3.30	16.60	0.15	1.3	0.040	3.11	24.3	22.0	0.83	1140	2.19	0.21	7.8	2.7	610
N810261		3.29	17.10	0.21	1.1	0.036	3.06	21.9	22.6	0.86	1130	0.87	0.21	8.3	2.9	610
N810262		2.96	17.35	0.18	1.2	0.051	2.29	23.6	85.7	0.98	1700	0.47	0.03	8.5	3.0	620
N810263		3.80	14.60	0.14	1.0	0.114	2.89	24.3	10.9	0.95	3220	2.91	0.08	6.7	3.1	490
N810264		3.16	15.65	0.15	1.0	0.063	2.84	24.9	21.7	0.82	1680	0.32	0.49	7.3	2.6	600
N810265		3.43	17.60	0.14	1.2	0.054	2.56	17.2	12.8	0.75	887	0.55	1.89	8.6	3.1	690
N810266		2.94	17.00	0.10	1.2	0.039	2.55	17.9	40.7	0.71	904	0.94	1.44	7.9	2.8	630
N810267		2.94	17.30	0.15	1.2	0.060	2.72	25.3	12.4	0.81	572	1.66	2.27	8.6	3.2	620
N810268		2.79	16.85	0.14	1.1	0.069	2.62	24.1	9.9	0.72	787	1.57	1.93	8.1	3.0	590
N810269		2.78	16.90	0.15	1.2	0.060	2.76	26.1	11.3	0.72	671	1.11	2.08	8.6	3.1	580
N810270		3.00	16.85	0.14	1.1	0.059	2.75	25.2	9.5	0.77	883	1.58	2.03	8.3	3.0	600
N810271		2.94	17.25	0.14	1.2	0.054	2.58	22.7	9.8	0.81	688	1.56	2.25	8.7	3.2	610
N810272		5.46	15.95	0.15	1.3	0.942	2.86	24.2	25.2	0.71	2050	12.55	0.27	8.2	16.8	510
N810273		2.96	17.05	0.17	1.0	0.052	2.69	24.9	10.3	0.69	795	2.92	2.02	8.5	3.1	600
N810274		2.73	16.70	0.14	1.0	0.066	2.36	24.6	10.0	0.65	896	0.89	2.03	7.6	3.1	590
N810275		3.02	18.55	0.16	1.0	0.039	2.57	24.0	10.7	0.88	612	2.23	2.43	9.5	7.4	630
N810276		2.96	18.10	0.12	1.0	0.048	2.53	24.4	10.4	0.83	595	1.89	2.43	8.6	3.3	630
N810277		3.18	16.15	0.06	1.0	0.088	2.66	24.4	9.3	0.78	840	0.98	2.09	7.9	4.1	600
N810278		3.09	16.75	0.07	1.1	0.064	2.57	21.4	9.9	0.86	727	1.55	2.48	8.2	3.5	630
N810279		2.49	15.65	0.07	1.0	0.065	1.71	19.7	9.2	0.80	599	1.04	2.91	7.6	3.0	570
N810280		3.13	16.75	0.10	1.1	0.047	2.64	26.8	9.2	0.94	681	1.18	2.54	8.2	3.2	650
N810281		3.04	17.60	0.08	1.3	0.043	2.65	27.9	11.6	0.91	800	1.71	2.31	8.8	3.0	620
N810282		3.06	17.60	0.08	1.2	0.038	2.63	26.1	10.3	0.88	703	1.54	2.35	8.5	3.3	630
N810283		3.02	17.05	0.10	1.0	0.050	2.64	25.5	9.9	0.85	736	0.73	2.23	8.2	3.9	610
N810284		3.18	17.55	0.08	1.2	0.051	2.61	27.8	10.0	0.93	728	1.20	2.44	8.9	3.5	650
N810285		2.73	16.10	0.06	1.1	0.072	2.40	23.5	11.6	0.70	785	1.20	2.17	8.0	3.2	580
N810286		2.94	16.80	0.11	1.3	0.062	2.59	24.2	11.3	0.67	761	1.69	1.92	8.3	3.2	610
N810287		2.74	17.45	0.11	1.2	0.056	2.50	25.1	11.1	0.69	594	1.33	2.16	8.5	3.0	610
N810288		0.50	0.22	<0.05	<0.1	0.006	0.03	0.7	1.0	12.85	230	0.14	0.01	0.1	1.8	170
N810289		2.97	16.90	0.08	1.3	0.045	2.73	22.9	10.6	0.80	597	2.17	2.45	9.1	3.2	610
N813667		2.82	15.85	0.08	1.1	0.185	2.36	23.1	156.5	0.97	1200	1.51	0.05	7.2	2.8	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 87/84

CERTIFICATE OF ANALYSIS WH12174481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810255		17.0	97.0	0.002	0.01	21.2	10.1	1	1.4	386	0.65	<0.05	10.1	0.274	1.10	2.7
N810256		2770	164.0	0.004	4.87	94.1	8.7	1	8.2	98.8	0.50	0.46	10.9	0.184	2.48	5.3
N810257		21.8	93.6	0.006	0.03	15.70	10.8	1	1.5	375	0.67	<0.05	10.9	0.280	1.27	3.5
N810258		14.6	107.0	0.003	0.13	16.95	10.9	1	1.6	202	0.70	<0.05	10.9	0.271	1.97	5.5
N810259		1.9	1.4	0.003	0.01	1.67	0.2	<1	<0.2	51.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810260		11.9	126.0	<0.002	0.08	16.25	10.5	1	1.6	175.0	0.70	<0.05	12.4	0.280	2.15	4.8
N810261		12.3	123.0	0.003	0.07	18.80	10.9	<1	1.6	175.0	0.68	<0.05	11.1	0.274	2.16	4.6
N810262		18.5	86.1	<0.002	0.19	23.3	11.2	1	1.5	196.0	0.72	<0.05	12.4	0.275	1.81	4.7
N810263		119.5	145.0	0.005	1.38	23.0	9.8	<1	1.3	104.0	0.57	<0.05	12.8	0.225	2.10	8.9
N810264		16.5	141.5	<0.002	0.08	16.50	11.6	<1	1.5	154.5	0.63	<0.05	12.8	0.272	1.89	4.2
N810265		21.4	80.0	0.003	0.01	9.07	12.1	1	1.7	377	0.70	<0.05	9.8	0.313	1.26	3.5
N810266		18.6	81.8	0.004	0.03	6.00	10.3	1	1.5	345	0.73	<0.05	10.2	0.284	1.33	3.6
N810267		16.7	112.0	0.004	0.07	5.05	10.6	1	1.7	368	0.74	<0.05	14.4	0.268	1.23	4.0
N810268		18.6	105.5	0.004	0.05	6.10	9.7	1	1.7	314	0.72	<0.05	13.5	0.248	1.35	2.7
N810269		17.6	109.5	0.003	0.03	5.93	9.6	1	1.7	337	0.78	<0.05	14.6	0.249	1.29	3.0
N810270		20.4	107.5	0.003	0.13	3.66	9.7	1	1.5	325	0.79	<0.05	14.9	0.255	1.34	3.5
N810271		18.4	96.3	0.005	0.07	3.96	10.1	1	1.4	384	0.78	<0.05	12.3	0.263	1.15	3.4
N810272		1355	171.0	0.004	3.17	34.9	9.2	1	6.0	155.0	0.69	0.30	12.9	0.214	2.67	5.5
N810273		22.0	99.8	0.004	0.25	3.84	10.3	1	1.6	335	0.79	<0.05	13.6	0.256	1.28	3.2
N810274		20.8	91.4	0.003	0.20	4.56	10.2	1	3.1	304	0.64	0.05	13.1	0.250	1.03	3.5
N810275		18.6	97.7	0.003	0.02	2.40	11.7	<1	1.9	394	0.77	<0.05	13.3	0.274	0.90	3.9
N810276		18.2	93.1	0.003	0.01	3.20	10.4	1	1.7	397	0.76	<0.05	13.6	0.264	0.90	3.8
N810277		65.0	92.7	<0.002	0.35	3.04	10.1	2	1.7	333	0.67	<0.05	11.5	0.253	1.16	3.6
N810278		16.1	83.1	0.002	0.03	3.77	10.4	1	1.8	386	0.70	<0.05	11.6	0.279	1.04	2.8
N810279		22.0	56.7	<0.002	0.02	2.34	9.5	1	3.0	371	0.64	<0.05	12.5	0.256	0.70	2.7
N810280		18.0	88.7	<0.002	0.01	2.84	11.0	2	1.7	423	0.73	<0.05	14.2	0.279	0.92	3.9
N810281		36.8	99.8	<0.002	0.06	1.93	11.4	2	1.6	383	0.74	<0.05	13.1	0.268	1.00	3.1
N810282		18.5	96.5	<0.002	0.04	2.90	11.5	2	1.7	391	0.68	<0.05	12.8	0.270	0.97	4.0
N810283		51.7	94.6	<0.002	0.08	2.20	11.1	2	1.6	377	0.61	<0.05	12.0	0.266	1.02	3.6
N810284		16.6	92.8	<0.002	0.04	2.46	12.4	1	1.7	401	0.72	<0.05	13.6	0.282	0.99	4.3
N810285		19.2	75.2	<0.002	0.10	3.15	9.8	2	1.8	314	0.63	<0.05	11.1	0.252	1.03	3.1
N810286		38.6	89.0	0.002	0.25	4.00	10.5	3	2.3	334	0.70	<0.05	13.4	0.261	1.20	3.8
N810287		21.0	95.2	<0.002	0.08	3.14	10.8	2	2.5	359	0.72	<0.05	13.9	0.261	1.03	4.0
N810288		1.5	1.2	<0.002	0.01	0.23	0.2	2	<0.2	50.4	<0.05	<0.05	0.2	<0.005	0.02	0.8
N810289		18.2	93.4	<0.002	0.04	3.03	10.4	2	1.8	402	0.89	<0.05	12.3	0.269	1.06	4.3
N813667		295	121.5	0.002	0.73	27.4	10.1	3	3.6	170.0	0.62	<0.05	13.4	0.230	1.92	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 87/84

CERTIFICATE OF ANALYSIS WH12174481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810255		77	1.5	13.7	49	31.4
N810256		58	5.2	10.5	5220	27.3
N810257		78	1.7	14.6	60	33.5
N810258		82	1.4	13.1	56	30.4
N810259		1	0.1	0.8	17	<0.5
N810260		78	1.3	13.5	67	32.7
N810261		77	1.2	13.5	65	31.5
N810262		79	3.3	15.4	69	31.8
N810263		64	1.8	13.0	207	25.7
N810264		79	1.5	14.2	86	27.0
N810265		97	2.9	14.6	65	32.8
N810266		81	1.8	13.7	49	27.7
N810267		73	1.6	17.6	53	30.3
N810268		68	1.7	15.4	99	26.0
N810269		68	2.0	16.0	70	29.6
N810270		69	2.6	15.2	152	27.4
N810271		72	2.9	16.3	83	28.2
N810272		59	6.0	12.2	3090	43.8
N810273		70	1.2	16.2	91	26.0
N810274		68	1.2	15.3	79	24.1
N810275		73	0.6	18.9	48	27.4
N810276		72	0.5	17.5	44	25.6
N810277		69	1.0	15.1	259	23.2
N810278		75	0.9	15.7	66	24.7
N810279		66	1.0	14.2	76	23.0
N810280		76	0.6	17.5	48	25.3
N810281		72	1.2	17.8	89	28.7
N810282		73	1.1	18.0	51	29.2
N810283		72	0.8	16.7	128	24.8
N810284		79	0.7	19.2	45	26.5
N810285		68	1.4	14.1	64	25.4
N810286		70	1.2	15.9	71	29.7
N810287		71	1.1	16.3	48	29.5
N810288		1	0.1	0.9	18	<0.5
N810289		72	2.0	16.3	45	28.7
N813667		72	4.3	12.8	459	32.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2012
Account: ROCKHA

Project: Klaza - 87/84

CERTIFICATE OF ANALYSIS WH12174481

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174482

Project: Klaza - 88

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

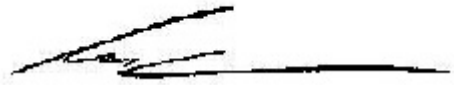
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 88

CERTIFICATE OF ANALYSIS WH12174482

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810592		4.19	<0.005	0.11	6.96	10.6	1680	1.27	0.21	3.37	0.16	37.9	8.6	10	13.55	24.3
N810593		4.14	<0.005	0.09	6.77	8.5	1740	1.21	0.16	3.76	0.10	38.4	8.4	10	10.40	26.8
N810594		7.61	0.005	0.12	6.78	23.5	1140	1.60	0.21	3.27	0.27	43.7	8.9	9	21.6	13.4
N810595		3.95	0.006	0.09	7.39	14.5	1490	1.72	0.16	2.18	0.14	36.6	10.5	11	19.65	30.5
N810596		2.50	<0.005	0.08	7.25	13.4	1290	1.65	0.13	2.03	0.13	50.1	9.2	10	30.7	17.0
N810597		7.74	<0.005	0.12	7.23	15.0	1550	1.83	0.14	3.12	0.20	47.6	9.5	10	33.2	18.1
N810598		3.22	<0.005	0.13	6.93	9.7	2000	1.83	0.14	2.96	0.11	38.4	9.1	12	21.2	13.9
N810599		7.99	<0.005	0.07	7.58	9.3	2130	2.00	0.23	2.66	0.10	45.3	10.0	13	19.55	12.8
N810600		2.74	<0.005	0.09	7.49	14.9	2120	2.05	0.16	2.70	0.10	41.1	8.9	11	19.35	8.5
N810601		7.46	<0.005	0.09	7.66	8.9	1850	1.95	0.16	2.57	0.10	52.8	9.7	12	23.2	13.0
N810602		<0.02	<0.005	0.07	7.55	10.1	1840	1.97	0.15	2.56	0.09	50.3	9.7	11	23.5	12.2
N810603		3.61	0.008	0.13	7.25	18.3	1130	1.79	0.33	2.31	0.16	47.3	9.8	11	21.5	18.8
N810604		5.49	<0.005	0.07	7.48	4.2	2050	1.80	0.07	2.30	0.08	49.7	8.4	10	11.80	9.7
N810605		6.17	<0.005	0.06	7.25	5.5	2090	1.98	0.06	2.61	0.12	35.6	8.9	13	9.41	5.9
N810606		2.59	0.007	0.22	7.00	18.3	1560	1.97	0.27	2.92	0.30	40.0	9.0	11	16.65	5.4
N810607		0.26	4.32	>100	5.27	8260	110	1.64	58.6	1.92	223	31.0	10.5	18	11.50	1245
N810608		3.80	<0.005	0.11	7.58	5.4	2210	1.89	0.13	2.87	0.17	44.9	9.3	14	7.98	5.2
N810609		5.22	<0.005	0.08	7.09	4.8	2250	1.80	0.12	2.49	0.11	34.7	8.2	20	13.00	5.3
N810610		2.98	<0.005	0.08	7.14	6.9	1970	1.87	0.07	2.64	0.12	35.2	8.3	12	18.00	6.1
N810611		2.80	0.005	0.09	7.13	36.3	1870	1.97	0.06	3.14	0.26	38.5	8.7	10	14.75	6.4
N810612		2.78	<0.005	0.01	0.20	<5	40	0.17	0.02	21.2	0.06	1.56	1.7	7	1.27	2.1
N810613		4.11	<0.005	0.07	7.54	4.8	2260	1.79	0.06	2.94	0.09	42.0	8.5	16	9.87	6.7
N810614		8.12	<0.005	0.06	6.74	4.4	1950	1.42	0.07	3.36	0.11	37.0	8.4	10	9.50	8.5
N810615		0.36	2.42	26.2	5.76	2810	900	1.13	19.85	2.15	77.5	44.1	10.6	20	14.85	423
N810616		4.37	<0.005	0.11	7.05	7.7	1830	1.46	0.11	2.87	0.17	41.7	9.1	9	13.45	10.2
N810617		5.66	<0.005	0.08	7.70	4.6	2100	1.44	0.09	2.96	0.12	46.1	8.5	10	16.30	5.3
N810618		2.69	0.005	0.52	6.95	24.5	980	1.30	0.10	4.04	7.43	46.3	8.1	9	23.7	20.8
N810619		4.44	<0.005	0.11	7.65	12.0	1820	1.47	0.12	2.57	0.27	44.7	8.5	10	21.3	4.7
N810620		3.17	0.006	0.31	7.60	38.1	1790	1.28	0.30	3.07	1.83	46.2	8.5	11	16.65	8.8
N810621		2.60	<0.005	0.01	0.10	6	30	0.08	0.02	21.6	0.09	1.57	1.9	1	0.51	2.2
N810622		2.48	<0.005	0.21	7.30	18.2	1990	1.15	0.57	3.13	0.16	40.9	8.9	10	12.15	30.3
N810623		2.74	0.005	0.30	7.79	15.4	2050	1.25	0.95	2.78	0.14	47.2	9.1	13	8.90	27.6
N810624		3.59	<0.005	0.08	7.94	5.0	2110	1.34	0.14	2.84	0.12	47.1	8.5	10	11.70	12.8
N810625		5.78	<0.005	0.10	7.26	7.4	2070	1.39	0.23	2.67	0.16	47.2	8.4	13	8.83	8.6
N810626		4.09	0.035	0.36	7.48	27.7	2020	1.25	0.63	2.68	0.17	48.7	9.9	11	10.60	135.0
N810627		6.67	<0.005	0.05	7.72	5.4	2190	1.49	0.13	2.67	0.11	52.9	8.3	13	8.47	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 88

CERTIFICATE OF ANALYSIS WH12174482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810592		2.95	16.45	0.16	1.3	0.038	2.42	18.8	48.2	0.75	737	1.27	0.33	8.5	2.7	610
N810593		2.84	16.10	0.16	1.2	0.033	2.37	18.8	41.1	0.67	678	1.02	0.37	8.0	2.6	560
N810594		2.69	15.65	0.16	1.1	0.032	2.22	22.7	122.0	1.07	787	2.83	0.05	7.3	2.5	540
N810595		3.22	17.60	0.17	1.3	0.036	2.53	17.7	74.1	0.88	642	2.74	0.15	8.5	3.0	600
N810596		3.19	17.55	0.17	1.4	0.040	2.43	24.8	53.2	0.75	734	11.05	0.11	9.0	3.1	670
N810597		3.40	18.10	0.16	1.2	0.040	2.53	23.2	68.8	0.79	805	1.26	0.37	8.9	3.2	650
N810598		3.07	16.90	0.19	1.3	0.032	2.52	18.1	31.1	0.74	656	1.44	1.63	8.1	2.9	560
N810599		3.32	18.20	0.19	1.3	0.038	2.62	21.5	23.6	0.75	682	6.15	2.08	8.8	3.2	640
N810600		3.26	18.10	0.18	1.3	0.038	2.70	19.8	20.5	0.78	679	4.68	2.12	8.3	3.2	600
N810601		3.62	18.65	0.15	1.5	0.041	2.60	25.8	37.3	0.81	614	0.79	1.65	9.4	3.5	690
N810602		3.59	19.10	0.18	1.5	0.041	2.63	24.8	39.2	0.80	616	0.78	1.61	9.4	3.4	690
N810603		3.27	17.55	0.18	1.4	0.041	2.22	23.9	122.5	0.83	802	1.64	0.41	8.5	3.1	630
N810604		3.05	17.45	0.17	1.3	0.036	2.64	24.9	27.7	0.72	547	0.76	1.62	8.6	2.8	580
N810605		2.95	17.55	0.16	1.3	0.031	2.55	17.5	25.2	0.76	642	1.49	2.05	8.9	3.1	580
N810606		2.81	17.45	0.18	1.3	0.037	2.80	19.7	29.5	0.80	1140	3.85	0.69	8.3	2.7	570
N810607		8.09	14.05	0.23	1.0	4.55	2.19	15.8	38.1	0.61	3000	16.05	0.08	6.0	14.7	440
N810608		3.30	17.85	0.16	1.4	0.036	2.50	21.3	21.0	0.90	731	1.36	2.24	8.8	3.1	630
N810609		2.82	17.00	0.15	1.3	0.034	2.50	16.5	25.8	0.65	634	1.88	1.45	7.9	2.8	570
N810610		2.81	17.20	0.14	1.3	0.034	2.50	17.5	29.3	0.60	724	3.39	1.06	8.0	2.9	600
N810611		2.78	17.10	0.17	1.2	0.039	2.56	18.5	21.7	0.73	1000	2.56	1.52	8.2	2.7	580
N810612		0.48	0.71	0.05	<0.1	<0.005	0.10	0.7	2.8	12.75	214	0.21	0.01	1.0	1.3	180
N810613		3.08	17.40	0.13	1.3	0.030	2.51	19.7	22.5	0.88	833	5.55	2.22	8.3	2.5	580
N810614		3.04	16.10	0.19	1.3	0.042	2.37	19.2	17.5	0.83	858	2.38	1.95	8.1	2.9	560
N810615		6.50	13.90	0.24	0.9	1.850	2.51	26.0	22.6	0.89	1800	13.35	0.04	6.3	16.7	420
N810616		3.25	16.70	0.22	1.3	0.048	2.41	21.9	19.3	0.83	736	1.26	1.81	9.1	3.1	650
N810617		3.14	16.80	0.22	1.3	0.041	2.63	25.3	16.1	0.75	653	1.80	2.15	8.6	3.1	640
N810618		2.78	15.40	0.21	1.1	0.094	2.63	25.6	41.1	0.92	1880	4.24	0.51	7.6	2.7	580
N810619		3.44	16.35	0.21	1.2	0.043	2.62	24.5	33.3	0.81	674	6.15	1.20	8.4	3.0	650
N810620		3.56	16.10	0.23	1.2	0.190	3.42	25.8	18.6	0.87	2130	5.64	1.06	8.1	3.6	630
N810621		0.51	0.50	0.20	<0.1	0.006	0.04	0.8	1.1	13.45	222	0.20	0.01	0.6	2.3	190
N810622		3.17	15.65	0.20	1.1	0.068	2.90	22.3	15.9	0.85	1110	0.70	1.58	7.7	2.7	600
N810623		3.30	16.35	0.24	1.3	0.057	2.90	26.5	12.1	0.85	815	0.95	1.97	8.2	3.2	620
N810624		3.26	16.45	0.25	1.1	0.039	2.71	26.9	20.1	1.09	684	2.82	1.94	8.1	3.0	620
N810625		3.17	16.40	0.23	1.3	0.043	2.50	25.7	16.6	0.92	678	4.40	2.27	8.5	3.3	610
N810626		3.48	16.80	0.25	1.2	0.128	3.13	27.9	12.9	0.81	1280	32.1	1.40	8.5	2.8	610
N810627		3.24	17.10	0.23	1.4	0.041	2.60	27.4	18.7	1.01	687	8.09	2.31	8.7	3.3	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 88

CERTIFICATE OF ANALYSIS WH12174482

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810592		23.7	78.9	<0.002	0.07	28.1	11.6	1	3.9	185.5	0.64	<0.05	11.1	0.268	1.10	3.6
N810593		17.7	76.0	<0.002	0.06	17.10	11.2	1	4.2	212	0.59	<0.05	10.8	0.250	1.08	3.5
N810594		18.0	82.0	<0.002	0.23	20.0	11.8	1	2.4	153.5	0.56	<0.05	11.9	0.236	1.51	4.8
N810595		16.1	83.8	<0.002	0.11	9.84	12.3	1	4.8	153.5	0.64	<0.05	11.7	0.272	1.36	3.2
N810596		12.4	86.0	0.002	0.11	15.50	13.6	1	2.9	134.5	0.66	<0.05	12.0	0.294	1.31	3.8
N810597		17.6	90.3	<0.002	0.10	12.75	14.4	1	3.1	209	0.64	<0.05	11.6	0.294	1.36	4.2
N810598		15.4	91.1	<0.002	0.06	5.97	11.7	1	1.7	342	0.58	<0.05	10.2	0.254	1.08	3.3
N810599		16.8	104.0	<0.002	0.06	3.88	12.8	1	2.3	399	0.66	<0.05	12.0	0.271	1.14	3.9
N810600		17.8	108.0	0.002	0.09	2.99	12.3	2	1.9	400	0.61	<0.05	10.9	0.267	1.19	3.8
N810601		16.1	101.5	<0.002	0.05	6.12	13.8	2	2.6	349	0.67	<0.05	11.3	0.305	1.22	4.6
N810602		16.5	100.5	<0.002	0.05	6.39	14.0	2	2.4	343	0.68	<0.05	11.1	0.309	1.23	4.3
N810603		14.1	93.6	<0.002	0.29	16.50	13.3	2	2.8	217	0.62	<0.05	11.9	0.275	1.50	4.8
N810604		17.2	105.5	<0.002	0.02	4.53	12.7	1	2.0	333	0.65	<0.05	13.6	0.262	1.03	3.3
N810605		18.0	89.7	<0.002	0.02	3.39	11.9	1	1.6	392	0.69	<0.05	11.0	0.259	0.96	3.6
N810606		44.6	104.5	<0.002	0.43	7.29	11.8	1	1.6	314	0.63	<0.05	10.8	0.256	1.56	4.8
N810607		9340	134.5	0.002	7.03	212	8.3	3	8.6	122.5	0.41	0.47	8.2	0.176	2.08	5.3
N810608		18.3	87.2	<0.002	0.03	1.52	12.7	1	1.6	426	0.66	<0.05	11.9	0.278	0.94	3.9
N810609		16.0	84.7	<0.002	0.04	5.53	11.3	2	1.5	326	0.61	<0.05	10.4	0.254	0.98	3.7
N810610		15.8	86.2	<0.002	0.04	7.96	11.3	1	1.5	293	0.61	<0.05	10.2	0.264	1.04	3.8
N810611		18.4	105.0	<0.002	0.07	4.81	12.1	2	1.5	348	0.65	<0.05	11.0	0.253	1.28	4.2
N810612		1.4	7.1	<0.002	<0.01	0.11	0.7	1	0.2	43.0	0.06	<0.05	0.2	0.007	0.04	0.5
N810613		14.7	97.8	<0.002	0.02	1.36	11.7	1	1.9	447	0.68	<0.05	11.3	0.262	0.92	3.8
N810614		15.7	72.0	<0.002	0.03	2.60	11.7	1	2.4	431	0.71	<0.05	10.7	0.271	1.14	3.5
N810615		2710	146.5	0.002	4.61	88.1	8.6	2	8.9	86.3	0.52	0.60	10.3	0.174	2.59	5.2
N810616		18.6	77.6	<0.002	0.05	3.22	13.5	1	2.7	406	0.77	<0.05	11.2	0.301	1.23	3.9
N810617		16.8	90.0	<0.002	0.02	3.00	12.6	1	2.0	438	0.72	<0.05	14.6	0.287	1.16	4.4
N810618		193.0	98.2	<0.002	0.18	7.57	11.0	1	3.8	263	0.63	<0.05	11.1	0.261	1.87	3.9
N810619		22.2	81.1	<0.002	0.05	7.27	11.9	1	2.0	346	0.71	<0.05	12.7	0.294	1.29	4.0
N810620		72.2	130.5	<0.002	0.52	7.00	11.6	1	2.2	298	0.68	<0.05	13.3	0.287	2.36	4.0
N810621		<0.5	2.7	<0.002	0.02	0.10	0.4	1	0.2	49.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N810622		19.7	111.5	<0.002	0.45	4.47	10.8	1	4.0	332	0.67	<0.05	11.6	0.262	1.70	4.0
N810623		24.2	110.0	0.002	0.38	3.96	11.9	1	2.1	371	0.73	<0.05	13.9	0.279	1.56	4.4
N810624		16.8	91.4	<0.002	0.04	2.40	12.1	1	2.4	479	0.72	<0.05	14.2	0.277	1.20	4.4
N810625		17.2	83.0	0.002	0.04	2.16	12.1	1	1.9	426	0.76	<0.05	13.2	0.274	1.12	4.1
N810626		17.7	131.5	0.002	0.27	5.02	12.4	1	2.5	285	0.74	<0.05	13.3	0.271	1.94	4.2
N810627		15.6	93.3	<0.002	0.01	1.15	13.0	1	1.9	457	0.79	<0.05	14.7	0.280	1.10	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 88

CERTIFICATE OF ANALYSIS WH12174482

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810592		76	5.1	16.1	59	35.4		
N810593		72	4.0	15.4	45	34.3		
N810594		68	4.4	15.2	52	29.7		
N810595		77	2.9	14.0	49	35.2		
N810596		84	3.8	16.0	48	35.3		
N810597		89	3.8	16.5	56	33.1		
N810598		72	2.8	14.2	45	35.9		
N810599		78	2.8	16.1	47	37.0		
N810600		75	2.3	15.1	48	37.9		
N810601		87	1.9	16.8	47	43.0		
N810602		88	1.9	16.9	48	43.4		
N810603		81	4.0	15.4	50	39.3		
N810604		75	1.4	16.1	48	36.0		
N810605		74	0.9	15.2	54	36.6		
N810606		72	6.8	15.5	61	35.3		
N810607		51	4.4	9.4	>10000	34.3	119	1.645
N810608		78	0.6	16.6	66	37.2		
N810609		72	2.1	13.5	56	34.1		
N810610		72	1.5	14.6	52	34.4		
N810611		70	1.4	16.0	66	33.9		
N810612		4	0.1	1.0	12	0.5		
N810613		74	1.5	16.9	51	34.0		
N810614		77	2.2	16.0	55	32.2		
N810615		54	5.2	10.4	5140	27.2		
N810616		89	2.2	16.5	64	33.6		
N810617		81	3.2	17.3	57	33.8		
N810618		73	3.7	17.0	592	29.3		
N810619		83	4.8	16.2	71	30.9		
N810620		80	3.4	15.9	279	32.4		
N810621		2	0.1	0.9	18	<0.5		
N810622		74	2.1	16.3	53	29.5		
N810623		77	1.6	16.5	54	33.2		
N810624		78	1.5	16.7	54	28.1		
N810625		76	1.4	17.7	56	31.1		
N810626		76	2.6	16.8	67	29.2		
N810627		78	2.2	19.3	55	34.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 88

CERTIFICATE OF ANALYSIS WH12174482

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174483

Project: Klaza - 89

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

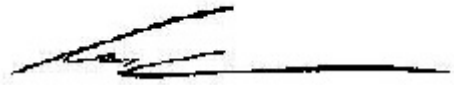
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 89

CERTIFICATE OF ANALYSIS WH12174483

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810290		3.93	0.012	0.74	6.78	22.6	2100	1.35	0.31	3.19	1.42	42.8	8.1	12	11.85	22.0
N810291		0.35	4.44	>100	5.26	6430	320	0.97	54.5	1.91	219	34.4	9.1	20	12.00	1215
N810292		10.49	<0.005	0.20	7.36	14.8	2010	1.48	0.28	2.67	0.30	48.2	7.1	14	7.60	3.6
N810293		4.51	0.006	0.40	6.58	16.7	2540	1.47	0.29	2.74	1.80	39.3	6.7	10	14.15	22.9
N810294		9.30	0.042	1.08	6.69	58.3	2530	1.19	0.41	5.36	7.61	46.1	6.6	8	14.70	40.2
N810295		2.96	<0.005	0.01	0.07	<5	810	0.05	0.02	20.9	0.08	1.25	2.0	2	0.25	1.9
N810296		8.66	0.006	0.13	7.54	15.2	2070	1.25	0.24	2.77	0.18	39.0	5.8	13	10.25	10.5
N810297		11.18	0.006	0.48	7.41	18.1	2480	1.41	0.79	2.99	0.43	40.9	7.4	12	13.00	12.4
N810298		9.85	3.84	43.2	4.87	2450	60	0.93	12.95	3.94	170.5	38.2	20.3	7	8.81	296
N810299		2.62	<0.005	0.06	0.08	<5	50	0.05	0.04	21.1	0.33	1.56	1.8	2	0.21	2.1
N810300		9.04	0.077	1.68	7.21	88.7	1940	1.39	1.19	3.09	3.31	53.5	8.1	10	20.3	22.3
N810301		7.81	0.012	0.50	6.80	14.8	1970	1.41	1.45	2.50	0.70	41.0	6.7	11	12.75	16.4
N810302		9.46	0.007	0.59	7.06	74.3	1630	1.34	0.58	2.53	0.74	40.2	5.5	11	10.15	54.7
N810303		10.53	0.019	1.65	7.08	54.1	2080	1.48	1.82	2.46	4.35	39.3	6.4	10	16.75	99.1
N810304		3.68	0.010	0.31	7.94	17.7	2140	1.49	0.55	2.37	0.19	51.3	5.6	16	9.56	52.5
N810305		3.22	0.013	0.53	7.99	19.7	2220	1.63	1.00	2.50	0.39	46.9	5.6	13	10.20	62.6
N810306		9.42	0.066	5.34	7.61	66.3	1000	1.47	6.90	2.69	6.20	51.4	8.9	12	19.45	87.9
N810307		11.60	<0.005	0.19	7.78	11.1	2230	1.52	0.29	2.75	0.37	47.6	4.8	14	8.47	17.9
N810308		5.03	0.005	0.32	7.60	26.0	1930	1.47	0.28	2.94	0.20	43.4	6.9	12	17.15	41.6
N810309		6.28	<0.005	0.13	7.64	9.9	1860	1.26	0.14	2.21	0.17	47.7	4.2	10	10.25	11.9
N810310		8.69	0.031	0.83	7.31	34.8	2660	1.52	0.98	2.68	1.70	48.2	4.1	9	12.70	44.4
N810311		9.16	<0.005	0.27	7.76	19.4	1760	1.48	0.29	2.64	0.36	51.8	4.7	11	17.95	18.2
N810312		10.81	0.033	0.58	6.68	36.6	2180	1.40	0.95	3.82	0.25	41.0	17.5	7	10.80	12.6
N810313		4.62	0.218	1.32	7.75	79.5	2690	1.39	0.10	1.99	10.55	51.5	4.7	8	19.80	11.4
N810314		<0.02	0.222	1.31	8.06	76.2	2870	1.42	0.10	2.04	10.30	49.1	4.7	9	19.85	11.4
N810315		4.83	0.094	2.89	6.67	124.0	1640	1.29	2.21	3.89	14.75	39.9	5.4	7	11.15	51.5
N810316		9.63	0.025	0.59	7.06	24.0	1380	1.34	0.51	2.84	1.11	40.5	8.0	9	10.70	73.6
N810317		9.97	0.008	0.44	6.96	22.1	1890	1.40	0.51	3.04	0.29	40.7	8.0	10	10.25	63.5
N810318		4.82	0.027	0.58	7.48	26.7	1900	1.57	1.11	2.78	0.34	49.6	7.4	10	12.85	37.5
N810319		0.21	0.809	9.04	6.90	1550	1440	1.37	5.86	1.97	41.9	43.4	15.8	18	16.55	105.5
N810320		4.83	<0.005	0.24	7.39	10.9	2200	1.43	0.39	2.32	0.33	48.0	5.2	11	9.38	17.9
N810321		8.71	<0.005	0.12	7.42	6.8	2240	1.59	0.13	2.72	0.18	47.0	5.9	11	7.01	7.1
N810322		5.35	<0.005	0.19	7.50	11.3	2150	1.59	0.14	2.70	0.17	46.5	7.4	10	17.10	13.7
N810323		6.58	0.045	2.15	6.98	63.2	1840	1.46	1.13	3.03	9.17	57.4	5.6	7	17.00	25.7
N810324		10.88	<0.005	0.16	7.40	8.1	2200	1.60	0.23	2.71	0.16	48.1	5.6	14	6.47	16.1
N810325		8.66	<0.005	0.34	7.93	25.8	2090	1.54	0.44	2.86	0.98	49.5	6.9	11	5.35	29.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 89

CERTIFICATE OF ANALYSIS WH12174483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810290		3.07	15.55	0.22	0.9	0.132	2.67	23.0	11.0	0.85	1080	2.48	1.84	7.9	3.0	550
N810291		8.02	12.95	0.27	1.0	4.87	2.16	19.7	29.1	0.62	2940	14.55	0.08	5.8	15.2	430
N810292		2.93	16.45	0.21	1.0	0.058	2.61	25.9	11.6	0.75	661	3.14	2.29	8.3	3.5	590
N810293		2.72	15.35	0.21	1.0	0.098	2.44	20.1	23.2	0.63	1100	2.07	0.45	7.3	3.1	530
N810294		3.05	14.20	0.21	0.9	0.161	2.41	27.0	23.7	0.99	3130	1.83	0.14	7.4	2.5	540
N810295		0.48	0.41	0.19	<0.1	0.005	0.02	0.6	0.8	12.95	216	0.10	0.01	0.5	2.6	170
N810296		2.61	16.35	0.19	1.0	0.060	2.52	21.3	10.4	0.77	606	1.81	2.25	8.2	3.0	600
N810297		3.28	16.15	0.24	1.0	0.136	3.10	21.5	14.4	0.74	1280	1.35	1.25	8.3	3.3	640
N810298		8.32	11.85	0.27	0.7	3.13	2.11	21.7	13.3	1.45	8350	4.45	0.04	5.1	3.0	350
N810299		0.50	0.38	0.17	<0.1	0.012	0.03	0.8	0.9	12.90	245	0.13	0.01	0.4	2.1	170
N810300		3.45	15.65	0.18	1.0	0.271	2.74	30.4	21.4	1.11	2180	1.40	0.06	7.8	3.1	540
N810301		2.90	15.45	0.21	1.1	0.073	2.63	22.4	12.6	0.67	766	1.78	1.47	8.0	3.7	550
N810302		2.83	16.05	0.21	1.2	0.069	2.15	21.2	18.8	0.69	731	3.38	1.53	7.8	3.1	590
N810303		2.87	15.70	0.21	1.1	0.128	2.20	20.2	35.9	0.80	914	2.21	0.41	7.7	2.8	580
N810304		3.23	16.75	0.23	1.1	0.064	2.45	26.8	20.8	0.77	597	1.44	1.82	8.4	3.0	650
N810305		3.41	17.25	0.24	1.1	0.075	2.60	25.8	19.0	0.80	717	1.41	1.79	8.8	3.4	640
N810306		4.36	15.85	0.23	1.0	0.271	2.63	28.5	18.1	1.00	1360	1.17	0.68	7.4	3.6	580
N810307		3.15	16.45	0.24	1.1	0.063	2.68	26.9	12.0	0.80	564	1.09	2.33	8.5	3.2	620
N810308		3.22	17.05	0.23	1.1	0.071	2.67	24.3	22.1	0.69	705	0.69	1.46	8.3	3.0	640
N810309		2.97	17.65	0.16	1.2	0.056	2.69	23.5	23.8	0.49	703	1.56	0.45	8.0	2.6	620
N810310		3.12	17.10	0.17	1.1	0.186	2.85	25.7	15.9	0.76	1020	1.45	0.83	7.4	2.3	590
N810311		3.03	17.95	0.19	1.2	0.067	2.39	26.5	28.1	0.72	831	0.70	0.44	8.6	2.5	650
N810312		3.47	15.95	0.17	1.1	0.082	2.47	19.8	16.8	1.07	997	18.15	0.89	7.1	4.1	550
N810313		3.19	18.15	0.19	1.2	0.070	3.12	26.7	25.0	0.74	1390	1.45	0.07	8.2	2.8	620
N810314		3.24	18.45	0.18	1.2	0.067	3.24	25.3	25.6	0.76	1400	1.19	0.08	8.4	2.6	650
N810315		3.82	15.55	0.19	1.0	0.122	2.44	20.1	19.8	1.11	4250	1.05	0.05	6.7	2.5	540
N810316		2.79	16.40	0.17	1.1	0.123	2.34	19.6	10.6	0.68	920	1.25	1.70	7.4	3.7	600
N810317		3.03	16.95	0.18	1.1	0.106	2.39	20.2	14.3	0.72	797	4.22	1.64	7.3	3.6	590
N810318		3.33	17.50	0.19	1.2	0.154	2.51	25.9	18.5	0.76	869	1.77	1.62	8.3	2.9	600
N810319		5.55	16.50	0.22	1.4	0.904	2.95	22.6	23.3	0.73	2020	13.15	0.27	7.6	15.2	510
N810320		3.11	17.70	0.18	1.3	0.067	2.79	24.2	13.6	0.64	698	1.23	1.59	8.3	2.9	600
N810321		3.07	18.30	0.20	1.3	0.048	2.74	23.1	9.8	0.82	582	1.12	2.41	8.9	3.2	640
N810322		3.40	18.30	0.19	1.4	0.051	2.69	22.2	11.7	0.69	861	1.57	1.78	8.5	3.6	720
N810323		4.22	16.10	0.21	1.1	0.438	2.94	32.4	16.9	1.11	2780	1.30	0.16	7.2	2.8	500
N810324		3.23	18.15	0.18	1.3	0.060	2.63	23.2	10.0	0.83	632	1.24	2.48	9.0	3.0	650
N810325		3.15	17.70	0.18	1.3	0.080	2.44	26.3	8.7	0.86	635	1.55	2.34	8.3	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 89

CERTIFICATE OF ANALYSIS WH12174483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810290		234	82.9	<0.002	0.27	3.54	10.3	1	1.7	347	0.70	0.06	11.7	0.240	1.43	3.9
N810291		9280	121.0	<0.002	6.83	214	7.8	3	9.3	112.0	0.48	0.51	8.2	0.176	2.32	5.1
N810292		23.7	86.2	<0.002	0.08	2.29	11.4	1	2.2	391	0.74	<0.05	13.0	0.259	1.30	3.5
N810293		269	84.5	0.003	0.18	20.2	10.4	1	3.4	104.5	0.63	<0.05	11.1	0.233	1.79	3.5
N810294		90.6	90.3	0.002	0.43	18.85	10.0	1	4.4	112.5	0.63	0.07	12.1	0.229	1.68	6.9
N810295		<0.5	1.4	<0.002	0.03	0.13	0.4	1	<0.2	63.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810296		18.0	82.8	0.002	0.05	2.61	11.0	1	3.3	367	0.68	0.06	12.3	0.261	1.29	4.1
N810297		29.4	105.0	<0.002	0.29	6.51	10.6	1	2.0	275	0.75	0.05	11.2	0.267	2.03	3.9
N810298		5890	118.5	0.003	5.58	53.8	7.8	3	12.5	59.0	0.45	0.99	8.3	0.153	2.37	4.6
N810299		7.5	1.6	<0.002	0.04	0.16	0.4	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810300		179.0	137.0	<0.002	0.79	15.25	10.6	1	2.6	99.3	0.69	0.10	14.1	0.231	2.46	5.1
N810301		34.8	85.4	<0.002	0.31	4.43	9.9	1	1.7	268	0.74	0.09	11.8	0.237	1.54	3.0
N810302		40.1	80.2	0.005	0.50	8.56	11.2	1	4.6	200	0.67	0.06	12.7	0.245	1.51	4.5
N810303		169.5	84.0	0.003	0.75	14.55	11.4	1	7.0	113.5	0.64	0.22	14.4	0.242	1.81	5.2
N810304		25.4	80.3	0.003	0.28	4.36	12.5	1	3.4	314	0.72	0.05	13.3	0.278	1.19	4.6
N810305		37.8	81.1	0.002	0.34	5.35	12.2	1	3.8	309	0.72	0.07	12.7	0.283	1.34	4.8
N810306		550	122.0	<0.002	1.44	13.80	11.2	2	2.3	149.5	0.63	0.64	13.5	0.233	2.01	6.3
N810307		25.1	94.8	<0.002	0.09	2.57	11.7	2	2.3	392	0.73	<0.05	13.9	0.266	1.31	4.4
N810308		22.5	93.5	<0.002	0.30	8.12	11.8	1	2.3	277	0.66	<0.05	11.3	0.268	1.49	4.2
N810309		14.5	98.7	0.002	0.09	9.25	10.8	1	2.1	127.0	0.59	<0.05	15.3	0.258	1.37	2.9
N810310		88.1	129.0	<0.002	0.56	12.40	10.5	1	3.0	192.0	0.58	0.14	13.2	0.234	1.92	3.5
N810311		26.1	84.1	<0.002	0.28	12.10	11.3	1	2.4	123.5	0.70	<0.05	13.8	0.274	1.35	4.0
N810312		36.8	91.5	0.002	1.12	6.01	10.0	1	2.9	190.0	0.54	0.18	11.2	0.224	1.71	4.3
N810313		455	137.0	<0.002	0.65	11.00	11.1	1	2.7	95.2	0.63	<0.05	13.8	0.260	2.03	4.4
N810314		499	137.0	<0.002	0.69	11.30	11.4	1	2.7	97.8	0.65	<0.05	13.5	0.271	2.05	4.2
N810315		543	161.0	<0.002	1.47	19.55	9.6	1	4.0	83.3	0.52	0.14	11.6	0.208	2.20	4.8
N810316		87.5	117.0	<0.002	0.46	7.19	10.5	1	3.7	213	0.56	0.06	12.2	0.232	1.78	4.8
N810317		30.0	90.9	0.004	0.55	5.47	10.2	1	2.9	250	0.56	0.08	12.9	0.237	1.43	4.0
N810318		27.5	104.5	0.002	0.66	7.41	10.9	1	2.6	234	0.66	0.08	13.2	0.249	1.41	4.5
N810319		1370	159.5	0.002	3.21	33.3	8.7	1	6.0	156.5	0.60	0.25	11.2	0.209	2.46	4.8
N810320		19.9	98.7	0.002	0.13	8.19	10.7	1	1.9	285	0.70	<0.05	13.9	0.255	1.15	4.0
N810321		25.2	98.1	<0.002	0.06	1.76	11.2	1	1.9	410	0.72	<0.05	13.3	0.267	1.10	4.3
N810322		20.1	94.5	<0.002	0.08	5.63	12.6	1	1.9	344	0.67	0.05	12.5	0.294	1.18	8.5
N810323		546	151.5	<0.002	1.13	10.85	9.2	1	3.1	117.5	0.66	0.14	16.2	0.209	2.20	7.2
N810324		19.8	89.6	<0.002	0.15	1.89	11.7	1	2.7	382	0.76	<0.05	13.7	0.269	1.15	5.1
N810325		47.0	106.0	<0.002	0.36	2.20	11.2	1	2.4	324	0.68	0.07	14.2	0.253	1.10	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 89

CERTIFICATE OF ANALYSIS WH12174483

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810290		67	2.9	15.6	180	24.5		
N810291		51	4.5	10.1	>10000	31.7	116	1.625
N810292		71	2.2	17.0	84	26.6		
N810293		68	2.5	15.8	308	24.8		
N810294		66	4.1	20.7	939	23.7		
N810295		2	0.1	0.9	16	<0.5		
N810296		71	1.6	16.3	65	25.2		
N810297		74	3.0	15.2	162	24.3		
N810298		49	4.0	11.7	>10000	17.2		1.205
N810299		2	0.1	1.1	42	<0.5		
N810300		64	4.5	16.3	380	26.5		
N810301		65	2.0	13.9	117	26.5		
N810302		68	2.6	14.9	113	31.3		
N810303		69	2.3	14.1	366	29.3		
N810304		78	1.4	16.7	63	28.9		
N810305		79	1.5	16.7	86	29.6		
N810306		68	2.8	14.9	551	26.0		
N810307		74	1.3	17.7	74	29.0		
N810308		75	2.1	16.4	86	27.7		
N810309		70	2.9	15.3	61	31.1		
N810310		67	2.5	13.4	220	25.6		
N810311		75	3.3	15.3	86	29.1		
N810312		66	2.2	13.6	71	27.0		
N810313		73	4.3	14.1	840	29.0		
N810314		75	4.6	14.2	840	28.5		
N810315		65	2.5	16.0	1180	23.4		
N810316		69	2.2	13.2	181	26.9		
N810317		69	2.1	13.3	71	26.4		
N810318		72	3.4	16.2	95	29.9		
N810319		58	5.4	11.3	3070	40.1		
N810320		70	1.8	16.5	78	30.9		
N810321		75	1.4	17.9	54	33.2		
N810322		89	2.9	17.2	75	35.0		
N810323		60	2.4	14.6	885	27.1		
N810324		75	1.0	18.5	50	31.3		
N810325		73	1.3	16.4	122	33.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza - 89

CERTIFICATE OF ANALYSIS WH12174483

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174484

Project: Klaza-89

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

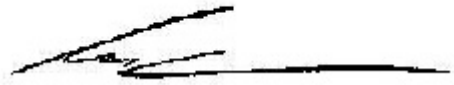
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12174484

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810326		5.94	<0.005	0.16	7.68	6.3	2280	1.55	0.24	2.74	0.19	49.1	7.1	13	6.50	12.1
N810327		0.23	0.802	9.54	6.98	1510	1740	1.39	5.98	2.00	42.8	42.9	15.8	19	16.60	106.0
N810328		6.50	<0.005	0.09	8.07	6.9	2340	1.61	0.09	2.89	0.10	52.5	7.5	11	7.57	9.7
N810329		12.23	0.007	0.18	7.38	10.6	2080	1.51	0.27	2.71	0.20	48.5	5.5	15	6.55	7.5
N810330		11.76	<0.005	0.09	7.93	10.7	2370	1.57	0.19	2.89	0.11	53.7	5.2	12	5.51	6.6
N810331		4.53	<0.005	0.22	7.67	46.7	2060	1.59	0.34	2.80	0.16	47.9	5.3	10	6.10	19.5
N810332		1.58	<0.005	0.20	7.84	41.0	2060	1.63	0.32	2.87	0.14	50.5	5.8	9	5.92	17.9
N810333		3.77	0.007	0.44	6.70	41.1	1730	1.49	0.44	3.54	0.31	39.4	5.9	11	7.95	25.1
N810334		11.77	<0.005	0.12	7.43	10.5	2170	1.65	0.19	2.61	0.10	52.5	5.3	13	5.97	9.5
N810335		12.32	<0.005	0.10	7.70	6.2	2290	1.69	0.11	2.57	0.08	57.9	5.3	14	6.78	7.0
N810336		10.67	<0.005	0.12	7.45	7.6	2220	1.53	0.14	2.79	0.07	47.2	4.1	10	5.56	6.4
N810337		4.19	0.018	2.12	6.85	27.9	1800	1.43	1.78	3.29	0.27	40.4	5.9	10	6.08	461
N810338		12.43	<0.005	0.13	7.35	6.8	2160	1.51	0.19	2.86	0.13	42.5	6.3	11	9.25	6.5
N810339		7.74	<0.005	0.20	7.54	10.7	2000	1.46	0.22	2.58	0.19	44.7	5.5	10	11.25	16.5
N810340		<0.02	<0.005	0.18	7.32	11.3	1990	1.45	0.23	2.59	0.20	40.2	5.5	9	10.95	16.4
N810341		4.29	0.029	2.19	6.54	61.0	2060	1.50	2.99	2.39	1.60	57.2	5.5	7	13.50	213
N810342		3.79	<0.005	0.08	7.37	8.0	2180	1.48	0.17	2.37	0.08	52.0	6.7	14	10.25	2.8
N810343		0.25	2.28	23.8	6.09	2890	1500	1.23	18.35	2.28	78.4	42.4	9.9	16	14.55	431
N810344		12.05	<0.005	0.11	7.41	6.5	2250	1.48	0.11	2.45	0.16	50.6	5.7	12	9.56	4.3
N810345		10.58	0.008	0.12	7.06	13.7	1870	1.55	0.22	2.78	0.25	42.1	5.1	9	8.94	8.4
N810346		10.12	0.009	0.44	6.34	27.5	4140	1.40	0.71	3.95	1.19	44.7	6.2	9	13.90	38.8
N810347		3.87	<0.005	0.10	0.05	<5	60	0.05	0.03	20.9	0.06	1.03	0.7	<1	0.10	3.1
N810348		12.02	<0.005	0.25	7.14	13.1	1950	1.79	0.32	2.80	0.17	40.5	4.6	10	12.45	26.9
N810349		5.70	<0.005	0.34	7.26	15.7	1860	1.33	0.23	2.46	0.55	44.2	5.6	8	11.40	35.4
N810350		5.73	0.373	6.90	6.09	170.0	1270	1.32	2.11	2.58	49.8	40.2	7.7	7	10.95	94.5
N810351		2.29	<0.005	0.25	0.06	<5	30	0.06	0.04	20.0	0.13	1.19	0.6	<1	0.16	2.6
N810352		4.62	0.009	0.68	7.63	27.6	1250	1.59	0.90	2.70	0.95	59.5	5.9	7	11.70	30.2
N810353		4.06	0.027	0.93	7.20	33.8	1710	1.38	0.53	2.29	2.44	49.7	6.0	7	15.95	30.2
N810354		4.37	<0.005	0.24	7.25	9.3	2120	1.68	0.14	2.46	0.20	42.7	3.9	9	9.13	12.4
N810355		3.50	0.006	0.45	7.19	11.8	2040	1.70	0.23	2.64	1.72	43.2	4.2	8	11.60	13.4
N810356		6.00	<0.005	0.18	7.75	7.4	2130	1.62	0.14	2.64	0.11	52.9	5.0	11	8.12	3.9
N810357		3.49	<0.005	0.38	7.46	7.8	2180	1.55	0.17	2.51	0.77	49.1	5.2	10	7.07	13.9
N810358		4.97	<0.005	0.45	8.43	12.5	2520	1.19	0.31	0.85	4.05	71.3	6.3	9	7.49	12.8
N810359		3.63	0.017	1.39	7.13	36.5	2320	1.51	1.00	2.54	8.55	63.4	8.1	7	10.55	40.7
N810360		7.07	<0.005	0.37	7.82	13.9	2160	1.41	0.30	1.38	0.44	58.3	6.2	11	12.20	22.7
N810361		7.75	<0.005	0.17	7.73	8.7	2210	1.56	0.17	2.26	0.17	45.9	5.8	9	11.05	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12174484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810326		3.24	17.60	0.17	1.4	0.055	2.65	25.1	10.9	0.88	774	1.93	2.34	8.5	3.2	640
N810327		5.60	16.40	0.22	1.4	0.927	2.97	22.1	23.2	0.74	2050	13.30	0.28	7.8	15.0	520
N810328		3.30	18.65	0.19	1.4	0.046	2.75	26.8	12.2	0.90	635	2.23	2.45	9.0	3.3	650
N810329		3.03	17.45	0.19	1.4	0.055	2.58	24.0	10.8	0.77	704	1.96	2.23	8.3	3.1	600
N810330		3.13	18.30	0.19	1.4	0.052	2.79	27.9	9.8	0.88	558	1.00	2.47	8.5	2.9	660
N810331		3.02	17.90	0.18	1.6	0.048	2.71	24.5	8.2	0.79	530	1.60	2.42	8.3	3.0	600
N810332		3.12	17.55	0.20	1.6	0.048	2.61	26.7	8.3	0.84	533	1.56	2.41	8.6	3.0	630
N810333		3.25	16.50	0.18	1.4	0.046	2.40	18.9	7.8	0.87	758	2.06	2.25	7.4	3.3	570
N810334		3.00	18.40	0.20	1.7	0.054	2.62	26.9	11.7	0.85	486	1.63	2.48	9.1	3.1	620
N810335		3.12	17.95	0.20	1.6	0.052	2.72	30.6	12.2	0.89	538	3.56	2.45	8.9	3.0	630
N810336		2.93	17.45	0.19	1.3	0.061	2.53	24.0	8.4	0.79	607	1.95	2.33	8.3	2.9	610
N810337		3.39	16.60	0.20	1.2	0.150	2.39	19.9	8.6	0.85	939	1.00	1.83	7.7	3.5	540
N810338		3.08	17.65	0.18	1.3	0.053	2.59	20.7	10.4	0.78	685	1.85	2.30	8.3	2.9	620
N810339		3.12	16.85	0.18	1.4	0.055	2.44	23.1	17.2	0.71	831	3.28	1.46	7.9	3.0	600
N810340		3.10	17.05	0.18	1.3	0.059	2.44	20.1	17.0	0.69	837	3.11	1.48	8.0	2.9	610
N810341		2.89	15.55	0.19	1.1	0.160	2.28	31.6	25.0	0.79	850	2.16	0.74	7.0	3.1	520
N810342		3.05	17.30	0.19	1.3	0.063	2.48	27.8	15.9	0.88	535	2.46	2.64	8.0	3.2	600
N810343		6.95	14.85	0.24	1.0	1.675	2.68	23.0	21.3	0.94	1900	13.40	0.04	6.0	14.6	450
N810344		3.00	17.65	0.18	1.3	0.049	2.81	26.1	13.5	0.84	528	3.67	2.49	8.2	3.1	610
N810345		2.70	15.50	0.12	1.3	0.069	2.38	20.7	18.7	0.70	650	4.31	1.92	7.6	2.8	580
N810346		2.74	14.40	0.12	1.1	0.097	2.47	24.2	60.1	1.04	910	5.50	0.10	6.4	3.2	510
N810347		0.47	0.12	0.10	<0.1	0.006	0.02	0.5	0.9	13.10	199	0.14	0.01	0.1	1.6	160
N810348		3.03	15.95	0.13	1.3	0.064	2.54	20.1	12.4	0.64	619	1.14	1.82	7.7	2.5	600
N810349		2.89	16.70	0.15	1.4	0.062	2.77	22.8	40.8	0.74	703	0.86	0.28	8.6	3.1	610
N810350		5.67	14.25	0.14	1.1	0.818	2.73	21.2	11.1	1.01	2940	1.38	0.04	6.3	3.5	470
N810351		0.46	0.19	0.10	<0.1	0.009	0.02	0.6	0.8	12.65	205	0.14	<0.01	0.1	1.7	160
N810352		3.23	15.95	0.16	1.3	0.164	2.88	34.0	34.8	1.04	1420	6.65	0.05	7.4	2.4	580
N810353		3.08	15.70	0.15	1.3	0.099	2.46	26.5	41.5	0.88	1080	1.06	0.05	7.7	3.5	580
N810354		2.97	16.65	0.13	1.3	0.049	2.85	20.6	18.2	0.66	597	1.18	1.73	8.4	2.7	580
N810355		2.99	16.80	0.11	1.3	0.076	2.87	21.7	20.3	0.71	717	1.48	1.33	8.0	2.6	590
N810356		3.08	16.15	0.16	1.3	0.061	2.84	26.7	11.7	0.82	633	1.71	2.34	7.7	3.0	610
N810357		2.99	17.60	0.16	1.5	0.078	2.90	24.6	14.0	0.77	654	1.97	1.98	8.8	2.7	600
N810358		3.28	19.30	0.14	1.5	0.079	3.11	36.6	29.7	0.34	832	1.76	0.10	9.4	3.3	720
N810359		3.73	15.30	0.13	1.3	0.138	2.48	38.2	33.9	1.03	1340	2.23	0.05	6.6	3.0	530
N810360		2.95	17.55	0.12	1.5	0.065	2.96	31.0	29.8	0.56	534	1.15	0.10	8.1	2.5	640
N810361		3.38	16.80	0.13	1.5	0.061	2.96	23.9	20.1	0.73	640	0.88	1.40	8.3	2.7	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12174484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810326		25.3	102.0	<0.002	0.19	1.36	11.4	1	1.9	395	0.71	<0.05	13.1	0.267	1.10	4.8
N810327		1395	159.5	0.002	3.26	33.8	8.7	1	6.1	159.0	0.60	0.35	11.3	0.213	2.44	4.9
N810328		15.8	108.5	<0.002	0.02	1.26	11.8	1	2.1	422	0.73	<0.05	14.9	0.279	1.03	3.8
N810329		18.4	95.0	<0.002	0.12	1.82	10.9	1	2.2	338	0.70	<0.05	14.3	0.251	1.09	3.2
N810330		14.8	103.0	<0.002	0.17	1.19	11.7	1	2.1	438	0.69	<0.05	15.0	0.273	1.12	4.1
N810331		18.8	101.0	<0.002	0.36	1.34	11.2	1	2.0	376	0.70	0.05	14.0	0.250	1.16	4.4
N810332		16.5	105.0	<0.002	0.37	1.24	11.5	1	2.2	388	0.71	0.06	14.2	0.261	1.09	5.0
N810333		29.5	83.7	<0.002	0.64	1.76	9.9	1	1.9	315	0.61	0.09	11.4	0.224	1.15	5.1
N810334		14.8	103.0	<0.002	0.17	1.39	11.9	1	2.2	390	0.78	<0.05	15.7	0.261	1.10	5.1
N810335		13.8	110.0	<0.002	0.05	1.64	11.8	1	2.0	400	0.77	<0.05	15.6	0.268	1.06	4.7
N810336		12.5	95.1	<0.002	0.10	1.52	11.0	1	2.1	349	0.65	<0.05	13.2	0.257	1.06	4.1
N810337		23.5	95.5	<0.002	0.83	3.85	9.7	1	2.1	265	0.63	0.12	10.0	0.228	1.29	3.7
N810338		15.8	87.8	<0.002	0.10	1.29	10.8	1	1.9	375	0.67	<0.05	12.1	0.261	1.13	3.6
N810339		20.4	93.8	0.002	0.15	8.35	10.6	1	2.7	271	0.60	<0.05	12.7	0.251	1.19	3.6
N810340		18.8	84.4	<0.002	0.15	8.36	10.5	1	2.9	274	0.60	<0.05	11.2	0.256	1.23	3.2
N810341		62.3	100.5	<0.002	0.43	51.4	9.4	1	4.5	151.5	0.56	0.09	11.1	0.216	1.44	5.2
N810342		12.6	97.5	<0.002	0.04	1.69	11.0	1	2.8	386	0.66	<0.05	14.1	0.254	1.07	4.1
N810343		2800	156.0	0.002	4.94	87.7	7.7	2	7.9	93.3	0.46	0.37	10.2	0.181	2.30	5.0
N810344		16.7	110.0	<0.002	0.03	1.32	10.8	1	1.8	389	0.64	<0.05	13.7	0.255	1.15	3.8
N810345		20.0	89.2	<0.002	0.13	3.30	9.7	<1	2.2	313	0.66	0.05	11.6	0.242	1.15	3.5
N810346		34.7	95.6	0.003	0.37	17.40	9.1	1	3.3	129.5	0.55	0.05	10.7	0.202	1.94	4.0
N810347		1.4	0.8	0.003	0.02	0.37	0.2	<1	0.2	45.4	<0.05	0.05	<0.2	<0.005	0.02	0.5
N810348		25.0	87.2	<0.002	0.17	4.88	9.7	<1	2.7	316	0.67	<0.05	11.3	0.253	1.14	3.0
N810349		57.7	97.9	0.004	0.13	9.30	10.8	1	3.5	138.5	0.74	<0.05	13.0	0.260	1.47	2.8
N810350		1260	174.0	0.002	2.96	16.70	9.5	<1	3.7	108.0	0.51	0.24	11.7	0.192	2.47	5.1
N810351		3.3	1.3	<0.002	0.01	0.30	0.2	<1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810352		48.6	157.0	0.003	0.45	11.20	10.2	<1	3.4	99.9	0.66	<0.05	15.2	0.236	2.38	6.3
N810353		158.5	109.0	0.002	0.59	12.05	10.8	1	2.8	89.0	0.71	0.09	13.4	0.246	1.84	4.7
N810354		18.4	103.0	0.002	0.06	6.99	10.5	<1	2.5	310	0.75	<0.05	11.2	0.250	1.34	3.0
N810355		63.2	115.0	0.002	0.15	5.02	10.2	<1	2.1	254	0.71	<0.05	11.6	0.246	1.55	3.9
N810356		18.7	117.0	<0.002	0.06	1.92	11.1	1	2.3	377	0.67	<0.05	13.9	0.257	1.14	3.9
N810357		82.4	122.0	0.002	0.08	2.75	11.5	1	2.3	314	0.78	0.05	13.5	0.260	1.32	3.8
N810358		148.5	144.5	0.002	0.16	13.00	13.2	1	2.7	85.0	0.79	<0.05	18.9	0.296	1.55	3.3
N810359		280	133.0	<0.002	0.88	14.40	9.8	<1	3.8	101.5	0.61	0.05	15.4	0.208	1.68	5.9
N810360		36.1	133.0	<0.002	0.25	12.35	11.3	<1	3.0	84.7	0.69	<0.05	17.5	0.253	1.53	3.2
N810361		25.3	117.5	0.003	0.09	4.80	11.2	<1	2.9	264	0.74	<0.05	14.5	0.262	1.36	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12174484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810326		75	1.0	18.2	54	33.0
N810327		60	5.4	11.4	3100	41.2
N810328		77	0.8	18.9	49	36.0
N810329		72	1.0	16.5	71	36.6
N810330		77	1.6	18.4	45	36.3
N810331		71	1.5	16.6	46	39.5
N810332		73	1.8	17.6	43	39.9
N810333		68	1.5	14.7	62	35.6
N810334		73	2.0	19.4	41	44.2
N810335		76	1.5	19.3	41	40.6
N810336		72	1.6	16.2	45	35.7
N810337		68	1.4	13.3	62	34.8
N810338		74	1.9	16.1	48	35.4
N810339		72	1.7	15.4	59	37.1
N810340		72	2.0	14.9	60	35.3
N810341		59	2.1	12.6	206	29.8
N810342		71	1.2	17.7	40	35.2
N810343		56	5.3	9.5	5490	26.5
N810344		71	0.9	17.3	43	35.5
N810345		68	1.5	14.2	60	30.2
N810346		60	2.1	12.1	144	25.5
N810347		2	0.1	0.7	15	<0.5
N810348		73	1.3	13.8	50	30.5
N810349		71	3.3	15.3	86	33.5
N810350		55	3.2	9.3	3800	24.9
N810351		2	0.1	0.7	19	<0.5
N810352		68	2.0	13.1	126	29.0
N810353		69	2.7	13.0	229	28.2
N810354		68	2.2	14.8	55	30.3
N810355		70	1.7	14.3	153	32.0
N810356		71	2.7	16.8	45	30.6
N810357		70	2.0	16.9	71	35.3
N810358		79	8.4	17.9	175	35.7
N810359		64	2.4	13.3	641	29.7
N810360		71	3.1	14.9	71	35.7
N810361		73	1.8	15.2	52	33.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12174484

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

CERTIFICATE WH12174485

Project: Klaza-88

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

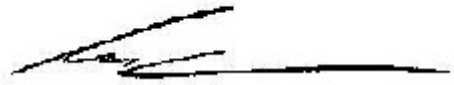
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12174485

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810628		0.26	4.68	>100	5.33	8370	730	1.04	62.2	1.91	220	34.1	9.0	17	12.25	1285
N810629		7.45	<0.005	0.22	7.91	19.1	1780	1.47	0.26	3.21	0.37	50.4	8.5	20	24.8	20.1
N810630		3.41	<0.005	0.82	7.97	22.8	1830	1.44	0.54	2.57	3.52	49.9	10.6	11	22.0	44.6
N810631		3.80	0.073	2.78	5.71	156.0	370	1.07	1.90	4.55	8.91	38.3	26.4	8	13.35	11.4
N810632		2.13	<0.005	0.01	0.08	<5	20	0.05	0.02	21.7	0.07	1.32	1.2	1	0.23	1.4
N810633		4.20	0.044	1.18	7.26	138.5	1350	1.39	0.09	2.82	3.22	49.5	7.5	10	22.2	12.2
N810634		4.17	<0.005	0.11	7.89	6.4	1840	1.41	0.10	1.81	0.32	46.3	7.3	10	18.05	6.1
N810635		1.83	<0.005	0.10	7.70	7.3	2020	1.28	0.09	1.77	0.37	43.3	7.1	10	16.65	5.1
N810636		3.03	<0.005	0.07	7.35	4.8	2100	1.45	0.08	2.67	0.12	44.6	8.2	11	15.25	6.8
N810637		2.91	0.042	1.00	7.81	176.5	1310	1.36	0.15	2.91	0.86	49.7	7.9	12	24.9	17.8
N810638		4.64	<0.005	0.07	7.69	5.4	2310	1.44	0.08	2.85	0.09	50.1	8.6	14	16.40	6.7
N810639		5.60	<0.005	0.05	7.42	3.6	2080	1.47	0.06	2.70	0.08	47.1	8.3	12	10.15	6.0
N810640		2.61	0.957	19.60	6.77	2920	540	1.30	0.75	2.70	25.8	52.9	9.7	10	14.05	46.4
N810641		2.36	<0.005	0.11	0.07	<5	40	0.07	0.48	21.4	0.08	1.28	1.1	1	0.22	16.1
N810642		2.91	<0.005	0.14	6.80	16.6	1710	1.56	0.22	2.64	0.91	43.6	8.0	9	23.9	5.9
N810643		8.32	<0.005	0.06	7.67	8.5	2230	1.46	0.09	2.74	0.11	45.1	7.2	12	21.2	6.7
N810644		4.93	<0.005	0.34	6.86	11.4	1930	1.44	0.16	2.63	0.18	43.8	8.1	13	14.15	8.1
N810645		6.71	<0.005	0.04	7.23	4.4	1940	1.38	0.06	2.70	0.06	49.4	7.9	14	9.50	5.0
N810646		7.48	<0.005	0.06	7.48	3.6	2060	1.44	0.09	2.65	0.07	49.6	8.0	13	10.85	7.5
N810647		<0.02	<0.005	0.09	7.65	4.1	2090	1.44	0.09	2.68	0.07	50.2	8.2	15	10.85	9.0
N810648		6.73	<0.005	0.06	7.46	3.9	2050	1.44	0.10	2.83	0.06	47.9	7.7	14	8.70	5.2
N810649		7.88	<0.005	0.05	6.96	2.4	1940	1.41	0.06	2.88	0.06	48.4	7.3	15	10.70	4.7
N810650		2.27	<0.005	0.05	7.02	10.7	3060	1.36	0.08	2.97	0.08	45.1	6.7	10	24.4	5.6
N810651		2.69	<0.005	0.12	7.02	99.0	2180	1.35	0.17	2.94	0.09	47.5	7.8	12	16.05	5.9
N810652		7.85	<0.005	0.05	7.15	3.3	1980	1.29	0.07	2.71	0.07	47.3	7.4	13	9.49	4.6
N810653		0.26	4.40	>100	5.41	8270	870	1.05	59.9	1.97	223	33.7	8.7	19	11.60	1255
N810654		6.63	<0.005	0.14	7.58	9.5	2060	1.33	0.21	2.82	0.28	47.5	8.0	15	8.69	8.8
N810655		7.09	<0.005	0.10	7.21	9.3	1930	1.36	0.48	2.67	0.12	46.0	7.9	13	11.15	16.8
N810656		3.00	<0.005	0.08	7.34	4.9	2230	1.42	0.12	2.56	0.11	47.7	7.3	13	10.70	12.7
N810657		4.53	0.027	0.17	6.89	29.9	1820	1.41	0.48	2.95	0.20	44.7	11.4	12	15.10	18.7
N810658		6.94	<0.005	0.17	7.12	123.5	1990	1.50	0.08	2.75	0.56	43.1	8.2	12	21.6	8.8
N810659		7.86	<0.005	0.11	7.36	15.6	2070	1.54	0.20	2.83	0.23	44.0	8.2	13	14.90	11.5
N810660		7.29	<0.005	0.15	6.77	10.8	1810	1.45	0.37	2.91	0.30	40.6	9.5	11	20.5	9.5
N810661		3.72	<0.005	0.05	7.08	4.7	2000	1.61	0.09	2.82	0.12	47.9	7.9	15	13.60	8.5
N810662		2.61	0.006	0.20	7.14	66.5	2040	1.26	0.09	4.20	0.13	54.0	7.3	10	30.2	6.2
N810663		5.32	<0.005	0.14	6.82	32.2	1780	1.42	0.08	2.92	0.35	42.5	7.6	12	25.7	7.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12174485

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810628		7.90	13.25	0.23	1.2	4.75	2.20	17.0	29.1	0.63	2970	15.95	0.08	5.7	14.4	440
N810629		3.29	17.15	0.18	1.4	0.055	2.89	24.5	48.7	1.03	1040	13.00	1.12	8.4	9.5	670
N810630		3.31	16.75	0.21	1.4	0.089	2.97	24.3	24.7	0.80	1370	1.49	0.84	8.5	3.2	680
N810631		4.67	12.45	0.18	1.0	0.375	2.51	20.1	20.0	1.54	4870	1.10	0.03	5.7	3.2	450
N810632		0.49	0.29	0.06	<0.1	0.006	0.03	0.6	1.1	13.30	220	0.14	0.01	0.3	1.7	270
N810633		3.88	15.90	0.17	1.3	0.194	2.66	25.0	37.9	1.04	3290	0.80	0.06	7.6	2.8	620
N810634		3.25	16.85	0.17	1.5	0.047	2.30	21.7	40.0	0.55	1130	0.80	0.16	8.9	2.7	700
N810635		3.22	17.05	0.18	1.4	0.047	2.30	20.0	35.9	0.54	1200	1.10	0.15	8.8	2.7	670
N810636		3.27	16.75	0.20	1.4	0.043	2.43	21.3	17.8	0.89	662	1.02	1.88	8.8	3.2	640
N810637		3.24	16.10	0.20	1.3	0.049	2.96	24.9	54.9	0.92	2270	1.58	0.51	8.1	3.2	680
N810638		3.15	17.25	0.19	1.5	0.042	2.51	24.8	12.5	0.85	687	2.07	2.18	9.2	4.1	660
N810639		3.10	16.45	0.17	1.5	0.034	2.46	23.2	16.2	0.83	668	0.82	2.08	8.6	3.1	610
N810640		4.97	15.75	0.22	1.4	0.423	2.81	28.4	19.3	0.95	4180	2.16	0.83	7.9	2.9	560
N810641		0.46	0.27	0.06	<0.1	0.006	0.02	0.6	1.1	12.85	209	0.15	0.01	0.3	1.9	170
N810642		2.80	15.25	0.14	1.3	0.040	2.56	20.9	69.7	0.69	631	1.01	1.31	7.5	2.7	560
N810643		3.10	15.45	0.17	1.5	0.042	2.55	22.6	22.3	0.78	746	1.18	1.71	8.0	2.8	650
N810644		2.89	15.95	0.17	1.2	0.037	2.31	21.0	16.3	0.79	747	1.12	1.80	8.2	3.3	570
N810645		2.89	15.40	0.19	1.3	0.032	2.29	24.5	16.6	0.81	649	1.16	2.05	8.0	3.0	560
N810646		3.05	15.60	0.18	1.3	0.036	2.33	25.0	18.1	0.88	695	1.29	2.05	8.1	3.0	620
N810647		3.15	16.05	0.21	1.4	0.037	2.39	25.5	16.5	0.89	707	1.33	2.04	8.5	3.2	630
N810648		3.03	15.20	0.19	1.5	0.034	2.40	23.8	15.6	0.87	709	1.08	2.10	8.0	3.2	610
N810649		2.91	14.70	0.20	1.4	0.035	2.32	23.7	16.7	0.85	674	0.84	2.01	7.9	2.8	580
N810650		2.86	14.55	0.17	1.4	0.040	2.38	22.0	26.8	0.82	735	1.18	1.26	8.0	2.6	580
N810651		2.95	15.20	0.18	1.3	0.033	2.52	24.3	16.6	0.88	1160	0.76	1.49	7.9	2.8	570
N810652		2.95	15.05	0.20	1.3	0.037	2.39	23.4	18.6	0.87	698	0.86	2.08	7.9	2.7	580
N810653		8.25	12.15	0.13	1.0	4.96	2.24	16.9	25.6	0.62	3030	13.50	0.07	5.9	14.3	460
N810654		3.25	15.95	0.13	1.4	0.043	2.65	23.3	13.4	0.86	807	1.11	2.17	8.6	3.8	610
N810655		3.04	15.35	0.13	1.5	0.045	2.56	22.4	16.3	0.80	705	0.82	2.07	8.5	3.5	600
N810656		3.07	15.60	0.14	1.4	0.035	2.59	23.5	16.6	0.83	679	1.13	2.21	8.5	3.5	610
N810657		3.41	15.55	0.17	1.3	0.069	2.71	21.5	18.4	0.89	877	5.10	1.59	8.8	3.8	580
N810658		3.09	16.30	0.17	1.4	0.039	2.80	20.4	19.1	0.74	755	0.79	1.86	8.9	3.7	610
N810659		3.11	16.00	0.18	1.4	0.042	2.66	21.1	19.5	0.79	768	0.77	2.02	8.6	3.6	600
N810660		3.15	15.20	0.17	1.4	0.059	2.64	19.3	34.6	0.79	889	0.87	1.34	8.6	3.7	590
N810661		3.15	15.85	0.18	1.4	0.045	2.71	22.5	13.4	0.78	745	0.82	2.05	9.1	4.4	590
N810662		3.37	14.10	0.18	1.2	0.057	2.84	29.0	44.6	1.28	1570	0.83	0.78	7.7	3.8	550
N810663		3.06	15.30	0.16	1.5	0.063	3.05	20.4	52.6	0.82	1480	0.71	0.71	8.2	3.5	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12174485

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810628		9660	149.5	0.002	7.21	221	7.3	2	8.1	123.0	0.45	0.58	9.2	0.185	2.19	5.6
N810629		33.1	132.5	0.002	0.19	8.41	12.1	1	1.9	302	0.71	<0.05	13.8	0.291	1.64	5.0
N810630		138.0	165.0	<0.002	0.29	19.95	11.9	1	1.9	231	0.70	<0.05	14.5	0.285	1.98	4.2
N810631		533	187.0	<0.002	2.37	26.6	8.9	1	2.5	98.8	0.46	0.07	9.6	0.201	2.08	4.2
N810632		1.6	1.7	<0.002	0.02	0.14	0.2	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N810633		222	153.0	<0.002	0.85	18.45	11.9	1	2.3	121.0	0.61	<0.05	13.2	0.259	1.98	4.1
N810634		21.6	104.5	<0.002	0.05	19.60	12.0	1	1.6	124.5	0.73	<0.05	12.9	0.292	1.14	2.7
N810635		23.4	102.0	<0.002	0.06	18.30	11.4	2	1.5	122.5	0.68	<0.05	12.4	0.280	1.21	2.8
N810636		17.0	108.0	<0.002	0.03	3.71	11.6	2	1.5	398	0.69	<0.05	12.5	0.278	1.10	4.8
N810637		50.9	153.0	<0.002	0.85	28.9	11.4	1	1.7	238	0.62	<0.05	13.2	0.284	2.31	5.3
N810638		15.9	119.0	<0.002	0.02	3.01	12.0	1	1.5	423	0.69	<0.05	13.8	0.291	1.06	4.3
N810639		16.3	110.5	<0.002	0.01	2.99	11.1	1	1.4	422	0.68	<0.05	13.3	0.276	1.00	5.0
N810640		2450	164.0	<0.002	2.05	59.6	10.6	1	2.5	221	0.61	0.05	13.6	0.247	1.88	5.4
N810641		2.8	1.4	<0.002	0.02	0.07	0.2	1	<0.2	53.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N810642		30.5	113.0	<0.002	0.10	5.93	10.8	1	1.4	310	0.63	<0.05	12.2	0.251	1.44	4.2
N810643		19.1	114.0	<0.002	0.05	3.83	11.1	1	1.5	390	0.66	<0.05	13.5	0.281	1.18	4.9
N810644		38.7	106.0	<0.002	0.09	5.86	10.4	1	1.5	363	0.62	<0.05	11.5	0.257	1.06	3.6
N810645		13.6	104.0	<0.002	0.02	1.34	10.6	1	1.3	409	0.66	<0.05	12.5	0.259	0.83	4.1
N810646		16.6	103.5	<0.002	0.03	1.65	11.2	1	1.5	403	0.65	<0.05	13.2	0.270	0.99	4.2
N810647		15.3	107.0	<0.002	0.03	1.60	10.9	1	1.5	403	0.65	<0.05	13.0	0.279	0.94	4.0
N810648		15.9	103.0	<0.002	0.03	1.22	10.4	1	1.3	410	0.66	<0.05	12.7	0.271	0.86	4.7
N810649		16.8	97.6	<0.002	0.01	1.40	10.2	1	1.4	390	0.65	<0.05	13.3	0.266	0.94	4.5
N810650		14.7	106.0	<0.002	0.13	2.75	9.6	1	1.4	359	0.65	<0.05	12.6	0.260	1.16	4.0
N810651		15.6	126.0	<0.002	0.22	5.16	9.8	1	1.3	333	0.63	<0.05	13.6	0.261	1.29	5.1
N810652		15.3	100.0	<0.002	0.02	0.93	9.9	1	1.4	393	0.64	<0.05	14.1	0.270	0.97	4.5
N810653		9380	143.0	0.002	7.23	213	6.8	2	8.7	118.0	0.47	0.46	9.7	0.180	2.19	5.8
N810654		27.1	116.5	<0.002	0.06	1.53	10.9	1	1.6	393	0.73	<0.05	14.1	0.273	1.08	5.1
N810655		18.6	110.0	<0.002	0.08	2.36	10.6	1	1.6	371	0.74	<0.05	14.6	0.263	1.05	5.1
N810656		18.0	106.0	<0.002	0.02	0.86	10.5	1	1.9	417	0.71	<0.05	13.9	0.264	1.03	4.8
N810657		19.8	111.5	0.002	0.36	3.62	10.4	1	2.8	317	0.79	0.05	13.2	0.264	1.51	4.6
N810658		27.1	116.0	<0.002	0.12	4.90	10.5	1	1.7	366	0.77	<0.05	12.6	0.267	1.88	4.7
N810659		21.7	111.5	<0.002	0.07	2.36	10.8	1	1.6	378	0.76	<0.05	13.2	0.268	1.21	4.6
N810660		28.3	104.5	<0.002	0.18	3.51	10.4	1	1.7	297	0.75	<0.05	12.4	0.262	1.43	5.9
N810661		19.2	107.0	<0.002	0.04	1.77	11.0	1	1.7	372	0.79	<0.05	13.2	0.270	1.14	4.8
N810662		21.4	145.5	<0.002	0.27	4.86	10.1	1	1.5	283	0.68	<0.05	15.6	0.239	1.85	5.5
N810663		34.0	122.5	<0.002	0.16	4.50	10.4	1	1.7	237	0.74	<0.05	12.9	0.261	2.13	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12174485

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810628		53	4.6	10.7	>10000	34.8	118	1.575
N810629		84	2.9	18.5	86	32.5		
N810630		79	2.5	17.6	357	32.8		
N810631		61	3.0	12.7	709	23.9		
N810632		2	0.1	1.0	19	<0.5		
N810633		74	4.4	18.1	302	31.4		
N810634		80	5.0	17.1	80	33.8		
N810635		78	5.3	16.5	85	33.7		
N810636		79	1.7	18.7	57	33.3		
N810637		83	3.3	17.7	132	32.1		
N810638		83	1.8	20.2	53	36.2		
N810639		76	1.3	17.9	53	35.8		
N810640		68	3.1	16.7	2310	32.8		
N810641		2	0.1	1.0	18	<0.5		
N810642		70	1.7	15.9	141	32.1		
N810643		80	2.5	16.5	58	34.3		
N810644		72	2.1	16.2	64	30.1		
N810645		71	1.9	17.9	52	31.0		
N810646		77	2.4	18.2	57	31.4		
N810647		79	2.4	19.0	60	33.9		
N810648		75	1.4	18.0	54	36.0		
N810649		74	1.9	17.7	53	32.7		
N810650		72	2.8	16.2	53	32.3		
N810651		72	1.8	18.2	48	31.7		
N810652		74	1.2	17.6	53	32.0		
N810653		52	4.6	8.9	>10000	31.7	119	1.610
N810654		76	1.3	16.7	66	34.1		
N810655		73	1.5	16.1	52	34.7		
N810656		72	1.6	16.2	54	33.3		
N810657		73	2.8	15.2	57	31.3		
N810658		74	3.0	15.0	81	35.0		
N810659		75	2.1	15.8	61	34.3		
N810660		73	3.0	14.7	70	33.9		
N810661		77	1.6	15.9	58	34.2		
N810662		67	2.3	16.6	59	27.8		
N810663		73	3.0	14.6	84	33.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12174485

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176021

Project: Klaza - 91

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

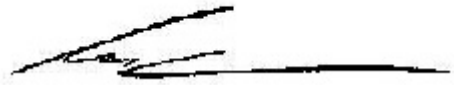
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176021

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810772		6.41	<0.005	0.12	7.66	18.8	2280	1.41	0.28	2.59	0.24	53.1	6.5	8	12.60	4.9
N810773		7.63	<0.005	0.08	7.52	17.8	4410	1.21	0.76	2.20	0.08	53.8	11.1	10	16.55	4.7
N810774		7.97	<0.005	0.06	8.01	8.4	3070	1.18	0.78	1.85	0.09	60.3	8.5	10	20.2	4.8
N810775		8.65	<0.005	0.04	7.66	7.9	2800	1.32	0.31	1.96	0.07	56.6	5.0	10	22.0	3.4
N810776		0.25	2.19	25.7	6.38	3780	170	1.23	20.9	2.30	86.5	46.7	11.4	20	16.05	475
N810777		8.00	0.005	0.10	7.49	51.0	2150	1.37	0.36	2.51	0.24	46.5	8.9	9	15.00	4.4
N810778		3.19	<0.005	0.04	7.99	13.7	2390	1.33	0.28	2.32	0.10	51.1	7.7	9	20.8	4.2
N810779		3.68	<0.005	0.05	7.28	55.8	3130	1.40	0.28	2.08	0.10	49.3	10.1	8	32.4	6.6
N810780		3.68	<0.005	0.01	0.06	<5	20	0.06	0.02	21.2	0.06	1.24	1.2	<1	0.17	3.1
N810781		2.44	<0.005	0.08	7.67	12.0	2540	1.55	0.36	1.60	0.07	49.8	5.4	8	25.7	4.1
N810782		8.90	<0.005	0.05	7.65	8.6	2130	1.58	0.27	2.31	0.10	53.9	9.3	9	19.15	1.6
N810783		8.76	<0.005	0.06	8.01	12.0	4180	1.64	0.81	2.43	0.12	61.9	9.9	10	20.1	1.2
N810784		3.85	<0.005	0.05	8.59	7.9	6030	1.66	0.76	2.83	0.12	60.0	9.2	9	14.45	2.2
N810785		1.55	<0.005	0.04	8.44	7.9	5730	1.61	0.78	2.74	0.12	64.3	9.3	12	14.35	1.8
N810786		4.80	<0.005	0.06	9.89	17.9	5100	1.72	2.63	7.64	0.32	64.0	7.8	10	24.6	1.3
N810787		8.44	<0.005	0.05	8.98	13.8	1880	1.74	1.93	3.14	0.23	57.2	7.3	10	18.95	2.0
N810788		3.79	<0.005	0.06	8.69	10.9	2290	1.23	0.75	4.05	0.11	55.5	4.9	8	15.90	2.6
N810789		4.31	<0.005	0.01	0.07	<5	20	0.05	0.02	21.9	0.06	1.30	1.2	<1	0.16	2.1
N810790		4.29	<0.005	0.07	8.32	9.1	2370	1.63	0.77	2.43	0.15	63.4	4.8	10	11.75	2.7
N810791		8.54	<0.005	0.08	7.90	11.5	3170	1.41	0.29	2.42	0.11	57.2	8.4	9	13.15	4.4
N810792		7.36	<0.005	0.07	7.90	8.6	2660	1.48	0.21	2.41	0.19	62.5	4.7	10	12.20	4.0
N810793		0.22	0.753	10.85	7.03	1960	300	1.72	7.26	1.95	49.2	51.3	19.1	21	19.45	126.0
N810794		9.24	<0.005	0.08	7.47	13.5	2390	1.27	0.23	3.95	0.33	56.7	5.2	9	14.50	2.9
N810795		8.36	<0.005	0.03	7.83	14.7	2160	1.56	0.21	2.07	0.10	54.9	4.1	9	20.6	0.8
N810796		5.39	0.007	0.24	7.48	27.8	1310	1.46	0.52	4.78	0.66	54.4	3.9	6	10.90	2.4
N810797		3.19	<0.005	0.04	8.43	11.9	1990	1.54	0.24	2.93	0.09	52.5	4.7	9	14.90	1.0
N810798		5.44	<0.005	0.02	8.64	11.8	1800	1.59	0.31	2.95	0.08	55.0	4.2	8	17.50	0.7
N810799		5.02	<0.005	0.05	7.45	20.5	2200	1.63	0.41	3.16	0.20	48.9	5.2	8	20.3	1.0
N810800		7.88	<0.005	0.06	8.90	13.7	2380	1.65	0.49	3.16	0.09	55.2	6.1	10	21.6	1.4
N810801		7.38	<0.005	0.10	7.80	27.2	2390	1.83	0.73	2.48	0.26	36.5	5.2	10	22.2	2.7
N810802		6.77	<0.005	0.08	7.75	16.5	2910	1.58	1.37	4.21	0.15	40.4	4.6	9	22.9	4.3
N810803		5.71	<0.005	0.18	6.92	15.8	1980	1.67	0.92	3.18	0.11	37.5	6.9	8	13.55	5.3
N810804		4.34	<0.005	0.15	6.37	9.3	2010	1.42	0.30	4.34	0.19	30.2	3.1	7	7.91	4.6
N810805		4.76	<0.005	0.11	8.02	10.7	2440	1.58	0.75	3.90	0.15	43.8	3.5	9	9.58	1.5
N810806		<0.02	<0.005	0.10	8.03	10.7	2350	1.57	0.83	4.16	0.16	42.3	3.4	9	9.19	1.3
N810807		7.01	<0.005	0.14	6.87	13.9	1230	1.40	0.46	3.33	0.17	33.9	2.6	8	11.45	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176021

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810772		3.29	16.20	0.16	1.0	0.069	2.47	28.2	67.0	1.00	948	0.12	0.78	7.7	2.7	660
N810773		3.28	15.40	0.15	1.0	0.051	2.44	29.2	24.6	0.92	816	0.13	1.83	7.3	2.9	640
N810774		3.27	16.35	0.16	1.1	0.052	2.30	34.1	26.0	0.88	688	0.16	2.43	8.0	3.6	680
N810775		3.03	15.10	0.17	1.0	0.056	2.77	31.6	16.8	0.66	628	0.17	2.47	7.9	2.8	650
N810776		7.04	14.95	0.20	1.0	1.910	2.72	24.1	22.4	0.94	1980	13.10	0.04	6.1	16.2	470
N810777		3.17	16.15	0.16	1.0	0.070	2.55	23.3	27.9	0.84	1000	0.14	1.42	7.8	4.3	620
N810778		3.43	16.20	0.16	1.1	0.063	2.68	26.4	32.8	0.79	764	0.13	1.70	8.6	2.2	690
N810779		2.56	15.20	0.15	1.0	0.061	2.11	27.0	45.4	0.73	681	0.15	0.18	7.9	3.6	600
N810780		0.47	0.22	0.05	<0.1	0.005	0.02	0.6	1.0	12.65	202	0.12	0.01	0.2	1.4	170
N810781		2.81	14.35	0.17	1.0	0.060	2.66	25.3	24.3	0.50	522	0.19	1.66	7.7	2.3	640
N810782		3.13	15.45	0.16	1.0	0.053	2.39	29.2	19.3	0.73	589	0.15	2.54	7.7	2.8	620
N810783		3.34	18.35	0.17	1.0	0.091	1.78	34.2	27.0	0.96	670	0.18	2.80	8.8	3.2	680
N810784		3.51	17.70	0.18	1.2	0.084	1.81	32.6	17.0	1.06	804	0.18	3.26	9.0	3.3	710
N810785		3.41	17.50	0.18	1.1	0.088	1.78	35.8	16.7	1.04	782	0.16	3.06	9.0	3.1	680
N810786		5.12	29.5	0.20	1.3	0.465	1.77	30.5	22.9	1.13	1590	0.15	1.70	11.8	3.4	900
N810787		3.95	20.8	0.18	1.2	0.242	2.32	28.5	43.1	1.17	744	0.17	1.68	10.5	4.2	810
N810788		3.42	17.30	0.18	1.1	0.078	3.07	28.8	26.6	1.04	779	0.13	2.71	8.6	2.8	670
N810789		0.48	0.23	0.05	<0.1	0.005	0.02	0.6	1.1	13.05	216	0.09	0.01	0.2	1.5	200
N810790		3.18	16.30	0.17	1.3	0.065	2.81	33.4	22.7	1.05	626	0.16	3.01	8.8	3.4	690
N810791		3.09	16.25	0.17	1.1	0.068	3.10	30.5	23.9	0.91	516	0.17	2.63	8.3	3.1	620
N810792		2.91	16.80	0.19	1.3	0.062	3.40	33.6	29.8	1.02	481	0.21	2.17	9.5	3.4	650
N810793		5.45	17.30	0.21	1.5	1.120	2.92	26.3	26.7	0.71	2050	13.90	0.27	8.6	17.9	530
N810794		2.73	16.25	0.18	1.2	0.065	3.01	30.5	28.1	0.83	573	0.21	1.61	8.7	2.9	620
N810795		2.69	17.75	0.17	1.1	0.071	2.52	29.7	34.9	0.78	495	0.16	2.40	8.7	2.8	640
N810796		3.77	17.05	0.18	1.0	0.137	1.90	30.5	70.1	1.47	1720	0.12	0.56	7.6	2.9	600
N810797		3.41	19.05	0.18	1.2	0.081	2.66	26.0	35.5	0.88	611	0.14	2.39	10.0	3.6	730
N810798		3.33	20.5	0.18	1.2	0.103	2.90	27.7	26.0	0.90	707	0.14	2.90	9.4	3.2	670
N810799		3.02	16.05	0.16	1.2	0.075	2.47	24.0	32.3	0.95	844	0.19	1.51	9.0	2.5	680
N810800		3.53	18.65	0.18	1.2	0.088	2.96	27.5	22.0	1.07	755	0.15	3.37	10.0	3.3	790
N810801		3.69	19.95	0.15	1.0	0.134	2.67	17.1	54.5	0.79	896	0.10	1.67	9.0	2.8	660
N810802		3.98	20.7	0.17	1.0	0.197	2.06	19.3	40.0	0.81	1100	0.07	1.55	8.8	2.9	670
N810803		2.90	15.55	0.16	0.9	0.086	2.03	18.1	56.2	0.86	1270	0.05	1.34	8.1	2.7	550
N810804		2.57	13.10	0.16	0.8	0.056	2.46	15.0	53.3	1.15	1400	0.05	0.56	7.0	2.4	520
N810805		3.53	19.30	0.17	1.1	0.096	2.13	21.2	21.9	0.91	1060	0.07	2.23	9.2	2.7	660
N810806		3.61	19.35	0.17	1.2	0.099	2.02	20.4	20.8	0.89	1080	0.06	2.15	9.0	2.6	650
N810807		2.79	14.35	0.14	1.1	0.067	2.36	16.7	51.5	0.93	1270	0.05	1.16	8.1	2.6	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176021

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810772		11.8	117.5	<0.002	0.14	10.15	12.2	1	2.1	182.0	0.66	<0.05	13.5	0.271	1.78	3.6
N810773		15.4	98.7	<0.002	0.16	7.58	11.5	1	1.9	245	0.61	<0.05	12.8	0.276	1.45	3.6
N810774		18.2	95.1	<0.002	0.05	8.43	12.8	1	1.9	241	0.69	<0.05	15.4	0.283	1.31	4.0
N810775		14.6	110.5	<0.002	0.02	8.76	12.2	1	1.9	254	0.66	<0.05	13.7	0.267	1.52	3.7
N810776		2980	162.0	0.002	5.16	98.1	8.3	2	8.9	95.8	0.52	0.42	10.8	0.188	2.58	5.7
N810777		16.7	103.5	<0.002	0.13	10.50	11.6	1	2.0	223	0.66	<0.05	12.8	0.265	1.50	3.5
N810778		17.6	105.0	<0.002	0.03	10.25	12.4	1	2.1	263	0.76	<0.05	14.2	0.299	1.60	3.3
N810779		19.0	87.9	<0.002	0.34	29.3	11.5	1	2.4	200	0.75	<0.05	14.4	0.260	3.45	5.7
N810780		1.4	0.9	<0.002	0.01	0.05	0.2	1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810781		14.8	94.3	<0.002	0.06	13.65	12.9	1	2.1	199.0	0.68	<0.05	13.2	0.282	1.65	3.5
N810782		18.7	86.1	<0.002	0.03	9.95	12.8	1	1.7	244	0.70	<0.05	14.2	0.273	1.18	4.1
N810783		21.7	82.8	<0.002	0.12	14.75	13.6	2	2.6	372	0.73	<0.05	15.9	0.278	1.02	4.8
N810784		20.8	79.6	<0.002	0.14	8.49	14.1	1	2.1	676	0.74	<0.05	15.4	0.292	0.89	4.9
N810785		20.9	77.4	<0.002	0.14	8.95	13.8	2	2.0	670	0.75	<0.05	16.3	0.294	0.88	4.9
N810786		40.8	62.9	<0.002	0.11	22.9	16.0	2	3.1	1180	0.94	<0.05	14.8	0.385	1.04	5.0
N810787		25.5	101.0	<0.002	0.03	21.0	14.5	2	2.3	352	0.86	<0.05	16.7	0.356	1.17	4.5
N810788		18.4	134.5	<0.002	0.05	12.25	12.4	1	2.1	270	0.71	<0.05	14.4	0.298	1.40	5.2
N810789		1.4	1.0	<0.002	0.01	0.05	0.3	1	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810790		20.8	96.3	<0.002	0.01	9.78	14.3	1	2.0	289	0.76	<0.05	16.6	0.300	1.17	4.6
N810791		18.6	116.0	<0.002	0.05	11.15	13.6	1	2.1	233	0.74	<0.05	14.5	0.272	1.29	4.9
N810792		20.3	146.0	<0.002	0.01	9.22	14.4	1	2.1	245	0.94	<0.05	16.7	0.290	1.58	4.9
N810793		1395	176.0	0.002	3.24	40.3	10.0	2	7.2	163.5	0.74	0.40	13.0	0.217	2.95	6.0
N810794		22.9	129.5	<0.002	0.01	11.10	12.9	1	1.9	311	0.82	<0.05	16.0	0.275	1.36	4.5
N810795		17.8	116.0	<0.002	0.01	18.90	12.9	1	1.6	258	0.76	<0.05	15.9	0.278	1.27	4.2
N810796		21.7	123.5	<0.002	0.41	12.25	11.7	2	1.9	280	0.62	<0.05	12.8	0.263	1.70	3.5
N810797		16.1	107.0	<0.002	0.01	12.85	13.7	1	1.7	269	0.79	<0.05	12.9	0.331	1.30	3.2
N810798		13.8	136.5	<0.002	0.03	9.19	13.3	1	1.8	240	0.76	<0.05	14.4	0.286	1.74	3.9
N810799		16.1	102.5	<0.002	0.12	9.29	12.3	1	1.9	289	0.73	<0.05	13.1	0.294	1.84	3.6
N810800		14.9	119.0	<0.002	0.03	9.11	14.3	1	2.1	348	0.81	<0.05	14.0	0.332	1.57	4.4
N810801		23.7	90.1	<0.002	0.12	30.4	11.5	1	2.1	346	0.64	<0.05	10.7	0.298	1.78	3.2
N810802		41.2	72.8	<0.002	0.11	16.80	11.4	1	2.9	1255	0.61	<0.05	11.9	0.291	1.27	4.0
N810803		16.9	75.2	<0.002	0.19	8.66	10.3	1	2.0	272	0.59	<0.05	10.6	0.262	1.63	3.3
N810804		9.9	88.3	<0.002	0.13	8.59	9.0	1	1.7	199.5	0.51	<0.05	9.5	0.224	1.81	3.1
N810805		26.9	69.0	<0.002	0.05	10.10	12.1	1	2.5	474	0.65	<0.05	12.5	0.297	1.23	4.2
N810806		27.8	63.8	<0.002	0.04	10.50	11.7	1	2.5	509	0.65	<0.05	12.4	0.293	1.16	4.4
N810807		16.6	82.6	<0.002	0.09	7.92	10.0	1	1.6	204	0.61	<0.05	11.0	0.264	1.85	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176021

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810772		79	4.1	14.8	77	24.6
N810773		77	4.1	16.1	68	23.5
N810774		74	6.4	17.7	74	27.5
N810775		74	3.0	17.7	53	25.7
N810776		62	5.5	11.1	5620	27.6
N810777		79	3.6	16.3	64	25.3
N810778		81	3.6	18.9	57	27.0
N810779		72	2.9	15.9	43	25.4
N810780		3	0.3	0.8	15	<0.5
N810781		73	4.1	14.5	42	23.9
N810782		74	3.8	16.8	46	25.4
N810783		82	3.6	20.7	60	26.8
N810784		81	2.3	22.4	72	30.6
N810785		80	2.2	21.3	72	28.4
N810786		140	3.1	25.1	96	33.5
N810787		107	6.9	18.7	59	31.1
N810788		89	3.6	22.1	50	28.5
N810789		3	0.2	0.9	16	<0.5
N810790		82	2.5	19.4	48	31.3
N810791		75	3.4	19.0	33	27.7
N810792		77	3.8	22.3	38	32.7
N810793		63	6.1	14.1	3230	47.8
N810794		79	3.2	21.9	41	31.4
N810795		81	4.2	18.2	37	30.6
N810796		81	3.7	20.5	98	25.2
N810797		90	3.4	18.6	50	32.2
N810798		87	3.0	18.3	46	33.1
N810799		81	3.2	17.5	60	31.4
N810800		97	3.1	20.0	54	33.8
N810801		98	4.4	13.7	66	28.0
N810802		98	2.1	15.6	51	26.7
N810803		70	2.9	12.8	55	25.8
N810804		64	2.5	12.1	58	23.4
N810805		93	2.7	16.3	55	31.2
N810806		96	2.6	15.8	54	31.3
N810807		70	2.8	12.6	64	29.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176021

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176022

Project: Klaza - 91

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176022

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810808		0.22	2.19	24.1	5.98	3060	1040	1.28	17.95	2.23	73.4	39.1	10.3	19	13.30	437
N810809		5.01	<0.005	0.13	7.44	10.5	1740	1.56	0.47	2.05	0.10	45.5	2.4	11	10.25	1.3
N810810		6.08	0.006	0.21	7.68	27.7	2220	1.63	0.35	1.65	0.36	44.0	2.6	9	14.40	1.6
N810811		4.44	<0.005	0.18	7.54	22.9	1450	1.82	0.55	2.79	0.28	43.2	3.6	8	11.65	3.4
N810812		3.15	0.032	0.98	7.71	169.0	1140	1.77	1.03	2.10	6.33	49.5	4.1	8	15.75	7.3
N810813		3.27	<0.005	0.01	0.10	<5	20	0.07	0.02	21.2	0.07	1.26	1.4	1	0.22	1.5
N810814		7.12	<0.005	0.41	8.50	63.8	2400	2.06	1.53	3.43	0.48	38.5	12.1	28	24.1	29.9
N810815		3.97	<0.005	0.22	7.06	11.6	2940	1.34	0.46	2.50	0.08	38.4	7.2	8	10.10	6.7
N810816		6.51	<0.005	0.11	7.07	9.4	2840	1.36	0.17	3.24	0.10	34.0	3.5	8	8.72	3.6
N810817		3.76	<0.005	0.13	7.32	10.2	2330	1.30	0.26	2.41	0.08	36.7	5.9	9	10.55	4.7
N810818		2.30	<0.005	0.11	7.41	5.7	2340	1.33	0.27	2.35	0.10	40.3	2.8	9	8.11	2.8
N810819		3.00	<0.005	0.09	7.39	5.8	2450	1.31	0.23	2.34	0.07	38.6	2.8	8	8.16	6.2
N810820		7.25	<0.005	0.24	9.40	18.2	1740	1.41	2.21	7.14	0.32	51.3	3.2	11	20.3	6.5
N810821		3.91	0.018	0.64	6.19	115.0	3120	1.19	0.44	5.59	3.86	37.6	5.9	6	11.55	9.4
N810822		6.29	<0.005	0.15	7.55	6.5	2170	1.36	0.26	2.65	0.11	38.6	4.1	10	8.03	2.2
N810823		3.16	<0.005	0.17	7.28	6.2	3070	1.48	0.32	3.12	0.08	34.4	5.2	9	7.35	2.5
N810824		6.27	0.011	0.15	7.55	11.2	3320	1.29	0.40	2.56	0.08	43.1	17.4	9	7.62	2.2
N810825		6.70	<0.005	0.13	7.17	9.1	2010	1.37	0.29	2.62	0.10	37.4	11.5	9	12.75	2.5
N810826		5.12	<0.005	0.12	7.37	7.1	1840	1.47	0.18	2.66	0.19	38.2	6.8	10	8.97	3.3
N810827		7.10	<0.005	0.11	7.40	6.7	1850	1.39	0.18	2.59	0.10	38.9	6.5	10	8.61	2.9
N810828		<0.02	<0.005	0.11	7.49	6.7	1860	1.41	0.16	2.53	0.11	40.1	6.3	10	8.46	3.3
N810829		4.59	<0.005	0.11	7.12	5.9	1780	1.40	0.19	2.66	0.09	34.9	6.6	9	17.70	6.9
N810830		7.30	<0.005	0.20	7.58	46.9	1670	1.20	0.24	2.07	0.17	45.3	7.8	9	19.00	8.1
N810831		0.24	4.43	>100	5.42	7190	170	1.08	55.8	1.96	225	29.7	8.7	18	10.85	1255
N810832		4.61	<0.005	0.23	7.01	21.2	1460	1.32	0.24	2.17	0.22	37.3	6.9	8	19.10	11.6
N810833		2.47	<0.005	0.09	7.63	5.0	2000	1.27	0.17	1.96	0.09	35.9	6.8	10	12.25	4.4
N810834		2.96	<0.005	0.25	7.23	52.4	1510	1.40	0.27	2.38	0.24	48.3	7.7	10	16.85	2.9
N810835		4.56	<0.005	0.17	7.46	10.7	1600	1.19	0.51	1.89	0.15	43.3	11.3	9	14.70	2.6
N810836		6.19	0.071	0.22	7.53	14.5	2410	1.19	0.81	2.09	0.17	39.9	13.2	9	10.90	1.7
N810837		3.33	0.005	0.16	7.62	19.7	2710	1.42	0.44	1.66	0.35	53.9	8.7	10	13.55	2.5
N810838		4.44	3.27	33.6	4.03	>10000	60	0.74	3.37	4.20	411	27.4	7.3	4	6.98	113.5
N810839		3.00	<0.005	0.05	0.05	13	50	0.05	0.02	20.5	0.59	1.08	1.1	1	0.12	3.9
N810840		3.27	<0.005	0.12	7.66	10.4	1490	1.63	0.39	2.40	0.28	63.9	6.8	9	14.80	0.6
N810841		2.62	0.031	0.79	7.31	61.8	1160	1.62	0.44	2.57	8.07	47.2	6.1	9	14.80	7.2
N810842		7.71	<0.005	0.21	7.51	10.4	1870	1.50	0.49	2.74	0.58	42.6	9.7	9	10.05	2.0
N810843		3.32	0.013	0.12	7.47	11.9	1350	1.52	0.30	2.80	0.22	43.9	4.5	9	17.85	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810808		6.64	14.15	0.14	0.9	1.625	2.61	21.9	22.8	0.91	1870	13.80	0.04	6.2	14.5	440
N810809		3.07	15.45	0.15	1.2	0.083	2.75	23.6	27.5	0.76	818	0.08	1.19	8.9	2.7	610
N810810		3.66	16.45	0.15	1.0	0.138	2.81	22.7	57.1	0.72	1060	0.07	1.11	8.6	2.6	650
N810811		3.52	15.95	0.14	0.9	0.177	2.98	23.5	59.0	1.12	1060	0.18	0.07	8.3	3.0	610
N810812		5.46	18.70	0.15	1.1	0.319	3.29	27.3	51.6	0.98	2350	0.31	0.05	9.1	4.2	670
N810813		0.48	0.40	0.27	<0.1	0.005	0.04	0.6	1.3	13.20	209	1.58	0.01	0.4	2.4	200
N810814		4.13	23.3	0.13	1.6	0.192	2.42	18.6	98.4	1.02	1380	0.34	0.05	9.0	10.3	970
N810815		2.54	14.20	0.16	1.2	0.042	2.08	19.5	37.5	0.85	758	0.05	0.95	8.2	2.6	600
N810816		2.66	14.40	0.14	1.1	0.036	2.79	17.4	15.1	0.79	674	0.07	2.26	7.9	2.5	580
N810817		2.98	15.00	0.15	1.3	0.039	2.96	18.1	14.0	0.80	660	0.10	2.08	8.3	2.6	620
N810818		3.16	15.10	0.16	1.3	0.040	2.77	20.5	11.1	0.90	640	0.08	2.17	8.0	2.6	600
N810819		3.04	15.30	0.16	1.3	0.039	2.88	19.5	10.6	0.88	628	0.09	2.21	8.1	2.6	600
N810820		6.96	33.9	0.18	1.5	0.474	2.08	23.8	37.7	1.18	2290	0.07	1.38	12.0	3.0	850
N810821		3.37	13.95	0.10	1.1	0.101	2.69	19.3	23.3	1.08	3190	0.14	0.57	7.2	2.1	520
N810822		3.06	16.00	0.14	1.2	0.049	2.89	19.3	12.3	0.87	683	0.15	2.06	8.2	2.8	610
N810823		2.95	15.40	0.15	1.2	0.078	3.01	16.9	13.1	0.78	715	0.10	1.45	8.4	2.7	630
N810824		3.38	15.00	0.17	1.1	0.081	3.11	22.7	15.1	0.78	660	0.19	1.79	7.9	2.5	570
N810825		3.11	15.00	0.14	1.3	0.046	2.89	18.8	69.4	0.83	597	0.45	1.44	8.6	2.7	600
N810826		2.95	16.00	0.15	1.4	0.043	2.79	19.0	13.1	0.84	576	0.55	2.18	8.7	2.7	590
N810827		3.00	16.10	0.16	1.5	0.042	2.89	19.2	12.0	0.84	574	0.35	2.05	8.8	2.7	620
N810828		3.04	15.70	0.16	1.5	0.041	2.84	20.7	11.4	0.86	568	0.32	2.04	8.6	2.7	610
N810829		3.00	15.15	0.14	1.3	0.047	2.79	17.2	17.2	0.70	642	0.32	1.94	8.2	2.5	560
N810830		3.04	16.35	0.14	1.4	0.045	2.82	23.2	48.5	0.70	789	0.56	0.25	8.6	2.5	630
N810831		8.11	12.55	0.15	1.0	4.43	2.24	15.2	29.2	0.63	2990	15.00	0.08	5.8	12.8	440
N810832		2.78	14.80	0.11	1.3	0.055	2.82	19.3	55.2	0.75	788	0.74	0.16	7.8	2.4	560
N810833		2.95	15.95	0.13	1.5	0.036	2.99	18.2	17.9	0.65	523	0.48	1.30	8.9	2.5	610
N810834		3.10	15.80	0.13	1.4	0.067	3.20	25.6	45.1	0.84	1380	0.61	0.12	8.4	2.5	560
N810835		3.24	16.05	0.14	1.3	0.057	3.03	22.1	24.0	0.74	867	0.67	0.22	8.3	2.5	620
N810836		3.82	16.10	0.14	1.3	0.084	3.23	20.1	21.8	0.80	837	0.33	1.03	8.4	2.8	630
N810837		3.70	17.25	0.15	1.3	0.121	3.78	30.1	38.8	0.73	1380	0.63	0.08	8.6	2.8	590
N810838		8.26	9.52	0.21	0.6	3.25	1.76	14.9	14.5	1.49	5230	5.14	0.02	4.2	1.8	290
N810839		0.51	0.24	0.05	<0.1	0.007	0.02	0.5	1.0	12.85	208	0.23	0.01	0.2	<0.2	170
N810840		3.07	16.85	0.14	1.5	0.045	2.79	34.9	52.5	0.89	631	0.57	1.16	9.4	2.2	620
N810841		3.15	16.55	0.13	1.3	0.111	3.51	24.9	31.8	0.85	1990	0.82	0.33	9.3	2.3	580
N810842		2.87	16.35	0.13	1.2	0.042	2.81	21.8	14.2	0.84	653	0.87	1.84	8.8	2.4	580
N810843		2.98	16.55	0.15	1.3	0.070	2.99	22.8	45.5	0.82	979	0.67	0.81	8.2	2.2	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810808		2810	149.5	<0.002	4.85	83.3	7.7	1	7.7	91.3	0.42	0.33	10.8	0.177	2.28	5.1
N810809		20.8	105.5	<0.002	0.05	10.15	11.2	1	2.0	193.5	0.66	<0.05	14.7	0.291	1.68	2.7
N810810		26.1	124.5	<0.002	0.20	11.10	12.4	1	2.1	192.0	0.58	<0.05	12.8	0.290	1.84	3.6
N810811		21.1	150.5	<0.002	0.10	8.20	11.9	1	1.9	156.5	0.57	<0.05	13.1	0.281	2.36	6.0
N810812		154.5	172.5	<0.002	1.59	11.50	13.0	1	3.3	120.5	0.65	<0.05	15.6	0.306	2.68	6.5
N810813		1.7	1.7	<0.002	0.02	<0.05	0.2	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810814		29.6	80.9	<0.002	0.40	38.5	12.8	1	3.2	280	0.62	<0.05	10.1	0.342	1.94	3.2
N810815		10.2	85.0	<0.002	0.14	7.76	10.7	1	1.7	190.5	0.58	<0.05	11.5	0.277	1.41	2.2
N810816		23.3	83.9	<0.002	0.05	6.42	10.0	1	1.5	356	0.57	<0.05	11.2	0.265	1.22	2.7
N810817		21.5	90.3	<0.002	0.13	3.43	10.7	1	1.8	340	0.60	<0.05	11.8	0.272	1.29	3.5
N810818		20.1	89.7	<0.002	0.01	3.09	10.8	1	1.5	392	0.58	<0.05	13.5	0.266	1.23	3.2
N810819		20.8	93.5	<0.002	0.01	2.95	10.6	1	2.0	391	0.58	<0.05	12.6	0.268	1.22	3.4
N810820		43.1	54.6	<0.002	0.12	20.5	12.9	1	3.6	620	0.84	<0.05	15.3	0.377	1.39	5.3
N810821		192.5	97.6	<0.002	0.65	8.49	9.0	1	2.1	266	0.52	<0.05	10.6	0.226	1.95	3.8
N810822		20.4	90.5	<0.002	0.05	3.08	10.9	1	1.5	397	0.57	<0.05	11.3	0.274	1.27	3.3
N810823		12.0	93.7	<0.002	0.15	3.41	11.1	1	1.5	336	0.54	<0.05	9.3	0.285	1.50	2.6
N810824		15.1	99.0	<0.002	0.26	2.75	10.3	1	1.8	319	0.57	<0.05	12.3	0.259	1.24	3.9
N810825		17.8	89.1	<0.002	0.08	5.45	9.8	1	1.5	310	0.68	<0.05	12.1	0.266	1.24	3.5
N810826		23.1	95.9	<0.002	0.02	3.07	10.2	1	1.5	377	0.71	<0.05	12.0	0.260	1.14	4.2
N810827		19.4	105.5	<0.002	0.02	3.27	10.4	1	1.6	367	0.69	<0.05	13.8	0.269	1.29	4.5
N810828		18.9	108.0	<0.002	0.02	3.13	10.3	1	1.6	367	0.67	<0.05	13.9	0.266	1.24	4.5
N810829		17.0	99.2	<0.002	0.02	4.51	9.9	1	1.8	347	0.62	<0.05	11.2	0.256	1.26	3.7
N810830		16.3	100.0	<0.002	0.09	15.00	11.1	1	2.0	158.5	0.62	<0.05	13.7	0.271	1.53	3.0
N810831		9520	123.5	0.002	7.13	217	6.8	2	8.4	119.5	0.39	0.44	8.8	0.180	2.10	5.1
N810832		17.5	94.2	<0.002	0.16	14.20	9.9	1	2.5	166.5	0.62	<0.05	12.6	0.247	1.77	3.7
N810833		18.4	101.0	<0.002	0.01	4.71	10.0	1	1.7	284	0.69	<0.05	12.4	0.273	1.19	3.7
N810834		21.9	120.5	<0.002	0.18	9.02	10.5	1	1.8	154.5	0.69	<0.05	15.1	0.252	2.05	4.8
N810835		18.2	108.0	<0.002	0.13	10.20	11.2	1	1.6	132.5	0.63	<0.05	12.7	0.277	1.72	3.0
N810836		18.0	109.5	<0.002	0.27	6.72	11.2	1	2.4	232	0.57	<0.05	11.8	0.283	1.60	2.9
N810837		29.7	169.0	<0.002	0.30	10.65	13.2	1	2.5	135.0	0.61	<0.05	13.1	0.269	2.33	3.8
N810838		4950	122.0	<0.002	7.42	140.0	6.2	3	4.1	100.5	0.31	<0.05	6.9	0.128	1.64	7.6
N810839		8.1	0.9	<0.002	0.03	0.18	0.2	1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N810840		17.8	125.0	<0.002	0.05	5.70	12.6	1	1.6	279	0.97	<0.05	18.0	0.279	1.55	5.6
N810841		185.0	181.0	<0.002	0.57	8.44	11.7	1	1.6	162.5	0.84	<0.05	13.5	0.271	2.53	5.0
N810842		30.4	128.0	<0.002	0.08	3.36	12.0	1	1.6	343	0.70	<0.05	12.7	0.266	1.26	4.9
N810843		16.6	134.0	<0.002	0.16	5.68	12.0	1	1.8	237	0.60	<0.05	13.2	0.266	1.94	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N810808		56	5.0	9.6	5360	26.0		
N810809		76	3.2	13.6	64	34.2		
N810810		84	3.8	15.1	85	28.0		
N810811		77	3.5	14.2	71	24.2		
N810812		87	4.7	14.7	542	30.8		
N810813		2	0.1	0.9	16	0.6		
N810814		134	9.0	14.1	80	52.1		
N810815		71	3.3	11.8	50	33.9		
N810816		70	2.5	13.1	57	31.6		
N810817		74	2.3	13.0	58	35.9		
N810818		74	1.9	12.9	64	34.3		
N810819		74	1.8	13.1	64	35.2		
N810820		172	3.0	18.9	85	43.5		
N810821		66	2.6	13.9	343	32.7		
N810822		78	2.0	13.5	55	35.4		
N810823		79	2.6	11.6	50	33.7		
N810824		71	2.5	13.4	50	30.6		
N810825		73	2.1	12.4	51	35.0		
N810826		73	1.5	14.2	52	35.0		
N810827		74	1.5	14.8	48	38.2		
N810828		74	1.5	14.7	48	38.5		
N810829		74	1.8	13.7	47	35.2		
N810830		79	4.5	15.3	55	36.7		
N810831		52	4.3	9.0	>10000	31.5	120	1.660
N810832		70	3.8	12.8	60	34.8		
N810833		75	2.8	13.6	55	41.8		
N810834		71	4.2	14.2	64	36.9		
N810835		82	3.6	14.2	62	34.3		
N810836		81	3.9	13.4	60	34.1		
N810837		77	3.2	15.5	66	36.5		
N810838		39	2.2	8.8	>10000	18.2		3.00
N810839		2	0.1	0.8	53	<0.5		
N810840		78	1.9	17.2	84	39.4		
N810841		76	2.7	15.4	564	34.5		
N810842		74	2.0	16.5	75	32.6		
N810843		75	2.2	15.0	64	36.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 91

CERTIFICATE OF ANALYSIS WH12176022

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176023

Project: Klaza - 93

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

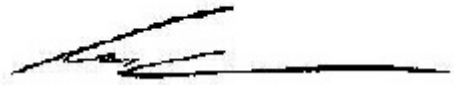
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176023

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813776		2.17	0.046	0.16	7.03	8.5	2100	1.55	0.43	2.54	0.09	43.0	5.9	9	6.86	59.2
N813777		3.20	0.009	0.34	7.07	23.4	1830	1.35	0.41	3.17	0.16	43.2	6.3	9	8.17	133.5
N813778		8.14	0.026	0.52	7.46	13.3	2140	1.54	0.43	2.60	0.26	45.3	5.6	9	8.31	190.0
N813779		7.53	0.008	0.43	7.40	10.0	2150	1.63	0.52	2.38	1.11	49.8	7.7	9	8.16	77.6
N813780		2.41	0.055	1.00	7.63	53.3	1420	1.43	2.59	1.95	2.33	54.0	4.5	9	14.05	121.0
N813781		<0.02	0.055	1.08	7.65	52.3	1410	1.55	2.74	1.90	2.37	55.7	4.4	7	14.30	122.5
N813782		6.98	0.019	0.41	7.47	18.4	2480	1.67	1.10	2.17	0.62	49.1	6.6	9	9.89	91.5
N813783		5.59	0.026	0.49	7.43	23.0	2490	1.33	1.66	2.64	0.69	57.8	6.9	9	10.65	123.5
N813784		5.69	0.008	0.35	7.40	20.0	2200	1.42	0.59	2.65	0.54	46.3	5.7	10	10.10	51.2
N813785		2.09	0.012	0.32	7.31	28.1	2010	1.68	0.58	2.61	0.46	48.2	8.7	9	10.60	48.9
N813786		2.28	0.005	0.33	7.03	17.0	1910	1.62	0.29	2.46	0.28	43.7	5.8	8	11.55	66.6
N813787		2.60	0.198	1.46	7.16	113.5	720	1.72	1.57	2.00	1.10	49.9	6.3	9	25.7	81.6
N813788		3.63	0.031	0.63	7.49	54.6	1860	1.34	0.72	1.58	0.83	54.5	5.2	8	17.10	173.0
N813789		2.59	0.133	4.63	7.14	195.5	1050	1.49	4.00	2.29	1.95	41.3	6.0	8	12.55	79.5
N813790		2.90	<0.005	0.14	0.07	5	30	<0.05	0.03	19.95	0.05	1.19	0.5	<1	0.16	2.6
N813791		6.61	0.015	0.43	7.05	15.8	2170	1.43	1.14	2.17	0.18	38.2	4.8	9	11.00	73.7
N813792		6.43	0.058	1.16	7.39	49.5	1980	1.40	2.40	2.54	0.83	39.7	7.9	8	12.85	246
N813793		3.58	3.47	23.4	7.19	373	570	1.48	23.1	1.26	1.91	45.8	8.9	8	14.50	1665
N813794		2.99	0.051	1.80	7.78	54.6	1130	1.68	2.03	2.43	0.36	51.3	8.6	8	24.7	203
N813795		2.24	0.445	46.5	6.00	281	420	1.20	126.5	2.37	3.05	64.9	14.1	7	15.00	253
N813796		4.50	0.045	0.48	7.53	17.1	2130	1.31	1.13	2.44	0.36	56.8	5.7	11	11.05	117.5
N813797		3.24	0.043	0.58	7.28	24.2	2320	1.37	1.63	2.51	0.61	53.7	8.1	8	12.00	88.6
N813798		6.38	0.020	0.32	7.22	17.9	1830	1.49	0.87	2.63	0.38	52.3	6.4	9	15.05	66.0
N813799		3.62	0.027	0.59	7.35	22.4	1530	1.16	1.52	2.73	0.25	82.3	5.5	8	11.85	52.6
N813800		3.86	0.044	0.55	7.31	21.4	2590	1.21	2.29	1.95	0.52	66.8	5.3	8	13.15	85.4
N813801		4.01	0.079	1.26	7.17	53.9	960	1.30	2.82	1.82	0.27	63.2	9.6	8	8.66	190.5
N813802		7.56	0.078	1.57	7.56	44.3	1120	1.33	3.21	1.74	0.41	67.9	10.8	10	9.35	120.0
N813803		0.25	4.39	100.0	5.23	8130	1240	1.07	52.6	1.90	213	32.8	8.0	17	10.35	1265
N813804		2.76	0.042	1.06	7.74	33.4	2290	1.96	2.47	1.77	0.39	92.5	16.2	8	14.95	152.5
N813805		3.34	0.114	2.01	7.47	58.5	1430	2.20	3.88	2.04	0.95	67.9	8.3	8	19.15	30.9
N813806		2.79	6.29	60.0	3.87	852	320	0.91	112.5	0.98	13.90	67.3	38.8	7	6.99	2660
N813807		3.06	<0.005	0.12	0.07	7	20	<0.05	0.21	21.5	0.09	1.56	1.6	3	0.17	6.0
N813808		2.29	0.055	0.57	7.31	42.7	2160	2.04	1.65	2.19	1.23	83.1	9.3	8	14.35	51.6
N813809		0.25	0.775	11.45	6.58	1840	1030	1.85	7.62	1.90	45.5	54.6	21.0	20	18.75	114.0
N813810		4.71	0.491	1.02	7.07	44.3	750	1.45	1.87	2.21	0.32	48.3	56.0	9	13.95	205
N813811		4.76	0.037	0.54	7.30	23.8	2690	1.26	1.20	1.80	0.90	61.8	7.2	8	13.45	105.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176023

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813776		2.92	15.00	0.15	1.2	0.057	2.58	21.7	9.5	0.79	500	6.61	2.25	7.9	2.8	580
N813777		3.11	14.45	0.14	1.2	0.075	2.71	20.5	11.2	0.77	589	5.15	2.01	7.9	2.7	590
N813778		3.01	15.50	0.14	1.2	0.097	2.74	22.5	10.3	0.81	473	5.66	2.23	8.1	2.7	620
N813779		3.18	16.35	0.16	1.3	0.097	2.81	26.2	10.7	0.80	478	4.78	2.17	8.8	2.9	610
N813780		3.78	17.10	0.17	1.1	0.511	3.14	27.7	12.9	0.60	641	3.42	0.70	8.4	2.6	620
N813781		3.72	17.05	0.19	1.2	0.515	3.09	28.1	13.3	0.59	611	3.37	0.71	8.3	2.6	620
N813782		3.35	16.15	0.15	1.3	0.284	3.10	24.5	10.9	0.88	563	2.43	2.00	8.5	2.9	600
N813783		3.10	15.35	0.18	1.1	0.272	2.57	27.7	9.7	0.94	582	4.25	2.20	8.4	3.1	610
N813784		3.31	15.85	0.16	1.1	0.091	2.75	22.7	14.0	0.90	521	1.78	1.69	8.5	2.6	620
N813785		3.23	17.35	0.15	1.1	0.088	2.76	23.6	15.2	0.89	525	1.58	1.91	9.2	3.0	630
N813786		3.17	16.40	0.17	1.0	0.074	2.71	21.4	16.2	0.72	601	1.06	1.82	8.6	2.7	600
N813787		4.55	15.20	0.16	1.0	0.135	2.77	29.0	20.3	1.00	1380	1.86	0.04	7.4	3.0	560
N813788		2.85	16.05	0.16	1.1	0.108	2.93	28.4	27.3	0.59	686	5.74	0.12	8.2	2.4	630
N813789		3.95	14.60	0.15	1.1	0.208	3.13	21.9	8.3	0.68	713	3.49	1.15	7.2	2.1	540
N813790		0.44	0.18	0.10	<0.1	0.006	0.02	0.6	1.1	12.55	192	0.10	0.01	0.2	1.3	170
N813791		2.88	15.10	0.15	1.1	0.145	3.03	19.6	12.5	0.89	506	2.42	1.49	8.2	2.3	600
N813792		3.70	16.30	0.17	0.8	0.353	3.04	20.2	10.3	0.94	844	13.30	1.51	8.1	2.7	680
N813793		8.63	16.65	0.19	0.6	1.110	3.37	25.8	7.3	0.81	1900	3.84	0.04	6.6	2.9	640
N813794		4.19	17.30	0.18	0.9	0.187	3.45	27.6	12.3	1.02	1160	25.1	0.06	8.3	2.8	770
N813795		6.59	15.05	0.17	0.6	0.367	2.81	39.5	10.2	1.07	2560	25.0	0.03	6.0	3.7	560
N813796		3.41	17.20	0.14	0.8	0.142	2.99	32.5	14.3	0.85	482	14.60	1.60	8.1	2.6	690
N813797		3.47	17.00	0.12	0.8	0.122	2.77	30.4	11.5	0.78	519	9.42	1.56	7.8	2.8	660
N813798		3.31	16.80	0.14	0.8	0.096	2.66	28.6	15.7	0.71	534	29.4	1.59	8.2	2.6	660
N813799		4.27	16.45	0.16	0.7	0.161	3.08	52.3	20.5	0.96	534	21.8	1.41	7.7	2.8	630
N813800		3.65	15.80	0.13	0.8	0.296	3.08	39.4	13.8	0.91	495	2.08	1.88	7.6	2.4	610
N813801		4.45	17.55	0.16	0.7	0.426	2.90	38.5	10.2	0.86	639	1.77	1.26	7.8	2.9	600
N813802		4.97	16.30	0.17	0.7	0.290	3.13	41.4	13.4	0.95	928	1.02	1.19	7.3	2.8	610
N813803		7.89	11.35	0.17	0.9	3.77	2.27	18.3	28.5	0.61	2920	13.10	0.08	5.4	11.8	430
N813804		4.73	20.8	0.15	0.9	0.287	2.63	56.7	38.2	1.00	606	0.65	0.50	8.8	3.8	630
N813805		4.34	18.85	0.16	0.9	0.431	3.09	40.6	17.9	0.96	1590	2.08	0.47	8.4	2.7	600
N813806		17.25	13.25	0.33	0.4	1.810	1.84	39.5	8.7	0.52	2730	5.55	0.03	3.9	3.9	310
N813807		0.50	0.32	0.05	<0.1	0.009	0.03	0.8	0.9	12.75	208	0.16	<0.01	0.2	1.6	170
N813808		3.40	19.65	0.17	0.9	0.303	3.02	49.4	20.2	0.88	874	4.09	0.87	8.6	2.9	590
N813809		5.36	20.5	0.18	1.6	1.025	2.85	30.1	34.1	0.70	1980	15.65	0.25	9.4	18.1	500
N813810		3.97	17.20	0.16	0.7	0.402	2.60	25.1	11.5	0.67	702	4.33	1.39	7.1	4.5	570
N813811		3.47	17.55	0.17	0.7	0.203	2.71	31.9	27.2	0.63	818	3.24	0.09	7.4	3.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176023

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813776		17.5	91.7	0.003	0.27	2.23	9.6	1	3.1	357	0.69	0.16	12.4	0.249	1.07	3.6
N813777		19.0	94.7	0.002	0.44	3.11	9.7	1	2.8	320	0.71	0.23	11.7	0.256	1.24	2.7
N813778		21.4	111.5	<0.002	0.22	3.17	10.1	1	2.5	360	0.73	0.11	12.5	0.268	1.31	3.2
N813779		65.4	116.5	0.002	0.31	2.78	10.4	1	2.9	342	0.75	<0.05	12.5	0.268	1.36	4.0
N813780		94.6	160.5	<0.002	1.71	13.00	10.9	1	5.4	100.5	0.68	0.24	13.7	0.257	2.30	6.8
N813781		91.4	171.0	<0.002	1.68	13.60	11.1	1	5.4	98.4	0.66	0.20	14.0	0.253	2.41	6.5
N813782		33.3	134.0	<0.002	0.56	3.78	10.2	1	3.4	249	0.81	0.15	12.7	0.259	1.89	3.9
N813783		36.0	122.5	<0.002	0.87	2.92	10.7	1	3.4	227	0.73	0.36	13.9	0.257	1.76	4.7
N813784		40.0	116.0	<0.002	0.29	4.53	10.7	1	2.8	261	0.74	0.12	12.2	0.274	1.51	3.5
N813785		36.2	111.5	<0.002	0.31	4.16	11.6	1	3.0	276	0.71	0.12	11.3	0.278	1.53	3.9
N813786		19.5	103.5	<0.002	0.10	5.45	10.0	1	2.6	322	0.69	0.08	10.9	0.259	1.32	3.1
N813787		76.3	148.5	<0.002	0.87	32.8	9.9	1	5.5	71.4	0.63	0.06	13.5	0.236	2.51	4.7
N813788		62.6	124.5	<0.002	0.40	54.2	10.5	1	2.9	91.7	0.69	0.15	13.7	0.264	1.82	5.3
N813789		1205	149.5	<0.002	2.29	19.75	8.9	1	4.2	214	0.70	0.26	12.7	0.232	2.02	5.0
N813790		2.4	1.2	<0.002	0.01	0.21	0.2	<1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	0.04	0.5
N813791		22.6	112.0	<0.002	0.29	5.43	9.4	1	2.6	222	0.76	0.19	12.5	0.264	1.80	4.0
N813792		55.2	140.0	0.003	1.69	7.21	10.7	1	4.7	184.5	0.61	0.61	9.7	0.281	2.41	3.8
N813793		379	251	<0.002	7.26	23.7	11.1	2	10.4	33.9	0.45	1.06	8.4	0.249	3.60	2.6
N813794		46.1	184.0	<0.002	1.58	12.60	12.7	1	4.6	81.2	0.58	0.60	9.0	0.295	3.08	4.9
N813795		504	192.5	0.017	4.74	25.0	8.7	2	7.0	46.6	0.35	0.70	7.3	0.208	2.57	4.0
N813796		28.3	133.5	0.003	0.68	5.60	11.0	1	3.2	290	0.52	0.20	10.1	0.280	1.64	3.8
N813797		56.9	113.0	0.006	1.21	3.57	9.5	2	5.6	268	0.52	0.32	8.9	0.268	1.59	3.8
N813798		25.3	110.0	0.007	0.59	3.26	10.3	1	2.9	267	0.54	0.18	9.6	0.269	1.42	3.3
N813799		26.8	133.5	0.007	1.51	2.92	9.2	2	5.1	170.5	0.54	0.34	9.8	0.255	1.81	6.2
N813800		30.2	129.0	<0.002	0.83	3.19	8.9	1	4.4	217	0.56	0.32	11.0	0.256	1.88	4.1
N813801		27.1	162.5	<0.002	1.96	2.94	9.8	2	7.3	177.5	0.55	0.43	11.4	0.247	1.95	4.4
N813802		39.6	138.0	<0.002	1.71	4.71	9.6	1	5.4	180.5	0.48	0.43	12.4	0.253	1.83	3.5
N813803		9320	113.5	<0.002	6.95	212	5.6	2	7.3	111.5	0.38	0.43	7.5	0.182	1.75	4.6
N813804		34.4	130.5	<0.002	1.26	12.65	11.3	2	5.8	134.0	0.58	0.23	13.3	0.272	1.93	4.3
N813805		42.4	209	<0.002	1.79	10.15	10.8	1	6.5	119.0	0.59	1.21	13.0	0.248	3.00	8.3
N813806		1130	118.0	0.004	>10.0	69.5	6.0	4	9.9	36.7	0.27	4.83	7.0	0.112	2.39	3.2
N813807		3.5	1.6	<0.002	0.07	0.21	0.2	1	<0.2	54.4	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N813808		21.1	173.0	0.003	1.19	6.54	10.6	1	6.1	183.0	0.60	0.30	14.1	0.243	2.47	8.3
N813809		1340	181.5	<0.002	3.13	39.6	10.0	1	6.9	152.5	0.72	0.30	13.7	0.207	2.65	6.1
N813810		28.5	115.0	0.003	1.72	9.33	10.2	2	3.6	171.0	0.56	0.44	10.0	0.236	1.92	6.0
N813811		48.0	111.5	0.002	0.69	26.4	10.9	1	4.0	108.5	0.54	0.21	12.0	0.254	1.62	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176023

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N813776		68	1.5	15.0	35	33.2		
N813777		71	1.9	15.4	38	33.5		
N813778		74	2.0	14.2	39	33.7		
N813779		72	2.4	15.7	102	34.9		
N813780		70	3.5	16.2	215	33.2		
N813781		70	3.4	16.1	216	35.2		
N813782		70	2.1	14.9	82	34.6		
N813783		67	2.0	16.7	84	32.1		
N813784		73	2.5	16.1	73	29.7		
N813785		75	2.1	17.6	68	31.3		
N813786		70	2.0	15.6	54	27.4		
N813787		65	4.7	13.9	144	27.2		
N813788		72	4.1	15.9	93	28.6		
N813789		64	3.0	12.9	177	27.8		
N813790		2	0.1	0.7	13	0.6		
N813791		70	2.3	12.8	59	29.0		
N813792		75	3.1	13.8	110	20.3		
N813793		75	6.9	9.9	195	18.5		
N813794		86	3.7	14.3	86	22.6		
N813795		63	6.7	11.0	379	15.8		
N813796		78	1.9	16.3	74	21.1		
N813797		76	2.6	14.4	67	19.0		
N813798		76	1.6	16.9	63	19.4		
N813799		76	1.9	16.7	66	17.7		
N813800		79	1.4	14.6	77	18.5		
N813801		80	2.3	13.1	65	17.5		
N813802		74	2.9	12.1	104	17.6		
N813803		51	4.0	8.4	>10000	28.3	162	2.12
N813804		79	3.9	17.5	96	21.6		
N813805		67	4.0	14.6	148	21.3		
N813806		40	5.5	18.0	1170	10.7		
N813807		1	0.2	0.9	16	<0.5		
N813808		72	2.4	16.7	284	21.4		
N813809		57	6.0	14.6	2990	48.4		
N813810		69	1.4	14.1	90	19.7		
N813811		72	2.5	16.4	179	21.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176023

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176024

Project: Klaza - 93

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

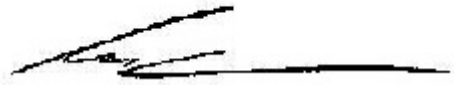
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176024

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813740		3.03	0.062	2.27	7.37	150.5	1390	1.36	3.91	0.76	6.43	53.0	6.1	15	12.10	65.9
N813741		3.30	0.036	2.03	7.36	79.8	2120	1.47	2.62	1.90	10.30	48.3	5.5	15	10.45	69.2
N813742		2.39	0.009	0.12	7.36	15.2	2200	1.43	0.39	2.63	0.35	35.9	5.9	14	11.40	14.6
N813743		2.83	0.022	0.32	7.03	93.6	2430	1.15	1.70	3.26	0.46	45.3	5.5	10	12.15	26.7
N813744		<0.02	0.021	0.35	6.49	93.3	2380	1.07	1.60	3.09	0.43	42.8	5.5	9	11.95	24.6
N813745		4.21	0.029	0.68	7.31	47.6	2700	1.20	2.03	1.57	0.56	43.3	6.2	11	12.25	61.1
N813746		2.26	0.033	0.57	6.71	33.0	1470	1.37	3.53	2.89	0.24	41.7	7.2	9	9.78	51.0
N813747		4.52	0.012	0.16	7.04	11.8	2040	1.35	0.69	2.41	0.15	40.1	5.8	11	15.90	20.8
N813748		2.20	0.030	0.29	7.70	22.9	1890	1.56	0.78	2.74	0.22	47.1	7.1	10	24.1	84.5
N813749		2.28	<0.005	0.02	0.08	<5	20	0.06	0.02	20.7	0.05	1.12	1.4	<1	0.18	2.0
N813750		2.23	0.006	0.25	7.15	20.2	1880	1.43	0.32	2.68	0.27	41.2	5.4	12	12.20	43.9
N813751		4.32	0.015	0.16	7.15	18.6	2070	1.46	0.65	2.46	0.46	41.1	7.7	12	11.30	29.9
N813752		2.56	0.013	0.19	7.37	29.6	1640	1.51	0.60	2.43	0.55	37.4	6.5	10	15.60	50.2
N813753		7.27	0.008	0.11	7.47	8.6	2040	1.46	0.69	2.26	0.19	41.9	6.4	12	9.99	26.0
N813754		3.84	0.011	0.14	7.28	9.4	2020	1.50	0.56	2.50	0.28	42.2	6.5	13	8.54	21.1
N813755		2.59	0.023	0.36	7.27	43.7	1970	1.35	1.02	3.00	1.82	39.0	5.4	11	11.55	105.0
N813756		0.23	4.44	>100	5.50	8210	1300	1.06	59.8	1.92	221	38.1	9.9	18	11.80	1250
N813757		4.77	0.015	0.19	7.48	14.3	2170	1.45	0.78	2.54	0.41	46.2	7.2	14	9.29	34.5
N813758		2.51	0.056	0.39	7.40	39.4	1890	1.41	1.22	1.99	0.60	45.9	7.2	11	9.95	25.8
N813759		7.27	0.009	0.19	7.20	16.9	2110	1.51	0.46	2.68	0.34	40.0	8.2	16	9.71	20.0
N813760		3.27	0.168	6.64	5.39	116.5	170	1.15	12.10	4.18	1.52	35.8	13.7	8	17.75	78.1
N813761		3.44	<0.005	0.01	0.07	<5	20	0.05	0.03	20.6	0.06	1.19	1.4	<1	0.15	1.4
N813762		7.71	0.013	0.12	7.30	16.1	1820	1.44	0.52	2.68	0.19	48.6	7.2	11	12.45	31.9
N813763		2.84	0.054	0.32	7.43	35.5	2600	1.24	1.62	1.06	1.20	42.6	7.5	11	12.95	79.0
N813764		5.66	0.032	0.18	7.35	14.1	1860	1.48	0.92	2.42	0.13	47.9	6.9	12	9.76	64.4
N813765		6.17	0.038	0.30	6.91	39.0	1610	1.31	0.62	2.51	0.21	60.5	6.5	11	10.25	108.0
N813766		4.32	0.009	0.18	7.69	9.2	2000	1.65	0.32	2.42	0.13	53.1	7.0	13	8.91	51.0
N813767		1.65	0.010	0.16	7.48	9.6	1980	1.67	0.34	2.39	0.13	45.7	7.1	12	8.92	48.6
N813768		4.23	0.012	0.21	7.04	13.1	1910	1.46	0.67	2.31	0.16	42.1	8.0	13	9.57	53.8
N813769		7.44	0.009	0.21	7.50	16.7	1990	1.65	0.79	2.46	0.18	53.9	8.4	13	8.60	77.8
N813770		2.62	0.017	0.18	7.00	27.0	1730	1.55	0.65	2.82	0.20	42.4	9.0	11	12.70	56.5
N813771		0.23	0.719	10.25	6.51	1720	1090	1.44	6.80	1.80	42.1	46.5	17.8	19	16.60	105.0
N813772		4.68	0.018	0.32	7.06	26.3	2200	1.67	0.95	2.50	0.22	48.2	9.4	14	9.03	78.3
N813773		7.69	0.011	0.24	7.12	14.6	2040	1.65	0.54	2.46	0.20	48.6	7.5	12	8.24	123.0
N813774		7.25	0.026	0.69	7.35	11.0	2090	1.64	0.51	2.42	0.20	49.6	7.7	14	8.02	414
N813775		2.60	0.018	0.34	6.81	13.5	1980	1.58	1.55	2.42	0.21	45.0	8.2	11	10.05	88.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176024

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813740		4.25	16.45	0.14	1.5	0.306	3.14	28.1	10.3	0.53	1300	3.09	0.55	6.9	3.5	540
N813741		3.47	16.15	0.15	1.2	0.227	3.13	21.0	12.9	0.59	1200	2.89	0.78	7.2	3.4	670
N813742		3.02	17.50	0.12	1.3	0.076	2.77	17.3	9.9	0.72	623	5.17	2.19	8.2	3.4	610
N813743		3.29	16.45	0.11	1.1	0.151	2.02	22.5	25.1	0.62	806	6.42	1.02	7.6	3.1	620
N813744		3.17	16.10	0.12	1.1	0.148	1.99	20.8	24.2	0.57	769	6.49	0.98	7.6	3.0	590
N813745		2.98	17.15	0.13	1.2	0.153	2.66	21.8	25.9	0.55	731	4.44	0.63	8.8	3.1	620
N813746		3.64	16.20	0.11	1.3	0.143	2.63	21.6	26.7	0.78	856	3.05	1.04	7.4	2.7	540
N813747		2.95	16.10	0.12	1.2	0.077	2.78	20.5	14.5	0.78	613	24.5	1.31	7.9	3.5	570
N813748		2.72	16.95	0.15	1.1	0.305	2.92	24.5	13.4	0.70	621	5.23	1.52	8.2	2.9	630
N813749		0.46	0.39	0.29	<0.1	<0.005	0.03	0.5	0.8	13.05	210	0.18	0.01	0.4	0.6	190
N813750		2.98	16.40	0.13	1.2	0.113	2.67	20.3	12.3	0.74	562	3.69	2.02	8.5	19.8	600
N813751		3.22	17.05	0.16	1.2	0.149	2.73	20.3	10.4	0.84	636	3.73	2.17	8.4	2.9	580
N813752		3.56	17.95	0.14	1.0	0.142	2.71	18.2	14.2	0.79	773	3.88	1.71	8.2	3.0	660
N813753		3.11	17.25	0.15	1.1	0.114	2.74	20.8	15.9	0.75	512	9.07	1.82	8.6	3.0	640
N813754		3.18	16.85	0.16	1.0	0.073	2.71	21.2	10.3	0.78	593	12.35	2.30	8.0	3.2	620
N813755		2.73	16.75	0.16	1.0	0.148	2.94	18.9	15.0	0.48	690	15.25	2.04	8.5	3.2	660
N813756		7.89	13.75	0.13	1.1	4.61	2.24	20.5	28.6	0.63	2980	14.90	0.08	5.9	14.5	450
N813757		3.19	17.50	0.12	1.0	0.099	2.86	23.4	11.0	0.84	612	10.70	2.31	8.5	3.3	630
N813758		3.63	16.95	0.13	1.0	0.119	2.91	24.0	13.1	0.69	595	7.59	1.66	8.2	2.9	590
N813759		3.38	17.05	0.14	1.0	0.089	2.57	19.2	10.9	0.82	646	7.51	2.30	8.4	3.5	660
N813760		5.25	14.80	0.10	0.8	0.205	2.58	18.2	15.7	0.47	3680	17.70	0.06	5.8	4.2	470
N813761		0.45	0.32	0.16	<0.1	0.005	0.03	0.6	1.0	13.05	208	0.14	0.01	0.4	0.6	190
N813762		3.02	16.20	0.14	1.2	0.069	2.60	25.5	17.1	0.81	570	7.12	1.30	8.4	2.8	600
N813763		3.09	16.85	0.15	1.2	0.107	2.54	21.6	42.5	0.36	625	6.78	0.08	8.0	2.9	590
N813764		3.00	15.95	0.16	1.2	0.078	2.57	25.5	13.6	0.82	497	51.2	2.00	8.4	3.0	590
N813765		2.32	14.50	0.18	1.2	0.090	2.61	33.8	14.0	0.64	476	23.4	2.00	7.7	2.7	460
N813766		3.11	17.25	0.17	1.5	0.062	2.88	27.2	13.0	0.84	499	4.61	2.28	8.9	3.1	630
N813767		3.02	17.25	0.16	1.4	0.065	2.85	23.1	13.4	0.84	490	4.52	2.29	9.3	3.1	620
N813768		2.91	16.50	0.17	1.3	0.099	2.77	21.1	11.7	0.74	469	4.71	2.04	8.2	2.9	550
N813769		3.08	17.40	0.20	1.3	0.088	2.78	28.0	13.9	0.82	545	3.81	2.29	9.0	3.2	600
N813770		2.95	16.45	0.16	1.2	0.175	2.59	21.5	15.5	0.68	495	5.08	1.70	8.5	2.7	570
N813771		5.07	16.20	0.15	1.4	0.927	2.68	24.7	24.4	0.68	1920	12.50	0.26	8.1	16.5	470
N813772		3.15	17.85	0.17	1.1	0.170	2.56	24.4	13.2	0.84	536	7.25	2.24	8.9	3.5	600
N813773		2.99	16.55	0.17	1.2	0.110	2.61	25.0	12.3	0.83	508	4.26	2.19	8.7	3.1	570
N813774		2.92	17.15	0.18	1.4	0.115	2.66	25.6	11.6	0.85	490	5.00	2.26	8.7	3.3	590
N813775		3.12	16.75	0.18	1.2	0.086	2.68	22.7	10.3	0.69	436	3.65	1.90	8.6	3.1	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176024

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813740		93.9	169.5	0.008	1.60	10.80	9.8	1	5.9	86.7	0.62	0.16	14.0	0.231	2.43	3.4
N813741		354	166.5	0.004	1.21	10.65	10.2	1	4.9	161.5	0.57	0.32	11.2	0.238	2.25	2.5
N813742		17.6	93.1	0.004	0.06	2.82	11.9	1	2.2	390	0.65	0.05	10.2	0.269	1.10	2.7
N813743		21.8	77.0	<0.002	0.31	12.45	10.8	1	2.7	196.0	0.57	0.24	11.0	0.242	1.01	3.0
N813744		21.3	70.7	0.002	0.30	12.30	10.4	1	2.7	189.0	0.58	0.28	10.3	0.242	1.04	2.9
N813745		38.5	106.5	<0.002	0.58	13.15	12.0	1	3.3	130.5	0.70	0.57	13.1	0.269	1.39	3.6
N813746		26.7	105.5	0.002	1.58	5.40	10.0	2	3.4	208	0.59	0.97	12.0	0.224	1.42	4.7
N813747		19.1	100.0	0.004	0.35	4.22	10.6	1	1.9	234	0.60	0.09	11.2	0.254	1.21	4.1
N813748		15.4	150.0	0.002	0.28	6.85	12.1	1	2.4	233	0.65	0.08	13.3	0.267	1.98	5.3
N813749		1.2	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	37.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813750		44.0	101.0	<0.002	0.13	2.98	10.7	1	1.8	339	0.68	<0.05	11.6	0.259	1.20	4.2
N813751		22.7	108.0	<0.002	0.18	3.31	11.1	1	2.6	316	0.73	<0.05	11.9	0.261	1.31	4.0
N813752		22.5	117.0	0.002	0.28	6.83	12.0	1	2.9	273	0.57	<0.05	8.7	0.285	1.61	4.3
N813753		19.2	92.1	0.003	0.06	9.09	11.7	1	2.9	302	0.62	<0.05	11.2	0.275	1.13	2.8
N813754		19.8	99.0	0.007	0.02	3.22	11.9	1	2.7	370	0.60	<0.05	10.5	0.275	0.97	2.7
N813755		56.1	120.5	0.007	0.32	7.00	11.8	1	2.7	255	0.62	0.14	9.8	0.290	1.63	5.2
N813756		9280	143.0	<0.002	6.79	206	8.2	2	8.8	123.5	0.45	0.52	8.6	0.187	1.90	5.0
N813757		27.4	103.0	0.003	0.11	2.92	12.4	1	2.4	385	0.63	0.08	11.5	0.281	1.13	3.4
N813758		44.2	134.5	<0.002	0.90	5.97	11.6	1	4.3	313	0.63	0.14	12.0	0.256	1.36	4.3
N813759		21.3	90.5	<0.002	0.10	4.03	11.6	1	2.3	388	0.62	0.05	9.0	0.284	1.12	2.9
N813760		142.0	119.5	0.013	3.88	28.6	8.5	2	6.7	73.4	0.47	0.64	7.8	0.194	2.03	5.1
N813761		1.5	1.3	<0.002	0.01	0.05	0.2	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813762		20.1	98.5	0.008	0.39	5.35	11.3	1	2.9	238	0.66	0.09	12.2	0.260	1.07	3.8
N813763		28.4	122.5	0.002	0.99	29.4	11.6	1	3.5	106.0	0.64	0.20	12.8	0.256	1.30	4.5
N813764		19.5	106.0	0.006	0.46	5.34	11.5	2	2.9	285	0.63	0.13	14.0	0.265	1.07	3.4
N813765		21.8	107.5	0.007	0.37	3.49	8.9	1	2.4	230	0.73	0.11	17.3	0.203	1.11	6.9
N813766		19.1	110.0	<0.002	0.05	2.14	12.0	1	2.1	369	0.79	<0.05	13.9	0.283	1.17	4.2
N813767		19.0	111.0	<0.002	0.05	2.19	11.9	1	2.2	375	0.76	<0.05	13.1	0.277	1.16	4.1
N813768		19.8	109.0	<0.002	0.33	2.77	10.8	1	2.4	300	0.68	0.19	12.1	0.244	1.33	3.2
N813769		22.7	121.5	<0.002	0.23	1.90	12.1	2	2.6	369	0.77	0.35	14.2	0.258	1.21	4.2
N813770		21.2	108.0	0.002	0.46	3.93	11.5	2	3.2	250	0.67	0.16	11.7	0.254	1.31	4.7
N813771		1275	166.5	<0.002	2.91	34.3	9.7	2	6.0	147.0	0.65	0.30	12.0	0.203	2.27	5.1
N813772		24.3	111.0	0.005	0.50	3.01	12.3	1	3.3	342	0.70	0.17	12.6	0.256	1.23	4.0
N813773		19.2	108.5	<0.002	0.22	2.05	11.7	2	2.6	375	0.69	0.11	12.7	0.255	1.10	4.1
N813774		18.1	106.5	<0.002	0.24	2.38	11.8	2	2.7	376	0.75	0.12	13.1	0.257	1.09	4.5
N813775		23.1	118.0	<0.002	1.22	3.33	11.4	2	3.1	257	0.68	0.60	12.6	0.243	1.38	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176024

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813740		70	3.6	11.6	677	35.7		
N813741		70	3.3	14.5	912	34.3		
N813742		74	1.6	15.9	74	33.7		
N813743		66	4.2	19.0	122	29.8		
N813744		67	4.2	17.8	121	29.2		
N813745		71	3.4	15.7	103	32.0		
N813746		60	3.0	15.7	49	33.4		
N813747		67	4.0	14.2	65	34.0		
N813748		72	3.6	17.0	63	31.2		
N813749		1	0.1	0.8	14	<0.5		
N813750		68	2.3	15.8	69	34.2		
N813751		70	2.5	16.6	76	31.3		
N813752		77	3.8	15.5	96	26.9		
N813753		75	3.2	16.0	46	29.2		
N813754		74	3.1	16.5	55	24.3		
N813755		76	4.4	16.1	162	25.4		
N813756		52	4.5	10.1	>10000	33.9	126	1.705
N813757		76	2.8	18.6	66	25.9		
N813758		69	2.5	17.0	77	28.9		
N813759		79	4.5	16.3	62	26.1		
N813760		54	5.5	18.3	195	21.2		
N813761		3	0.1	0.9	15	<0.5		
N813762		70	2.5	18.0	45	31.6		
N813763		70	4.7	14.7	198	30.1		
N813764		72	2.1	17.2	38	31.7		
N813765		54	1.6	15.7	35	32.2		
N813766		76	1.5	17.5	41	37.0		
N813767		74	1.3	17.9	39	38.9		
N813768		64	2.1	15.8	38	34.2		
N813769		68	1.8	19.1	42	34.4		
N813770		70	1.8	17.5	43	30.5		
N813771		55	5.2	12.7	2820	38.8		
N813772		71	2.0	18.2	43	31.1		
N813773		68	1.6	18.0	38	32.2		
N813774		69	1.4	17.6	37	36.6		
N813775		66	2.3	16.6	39	32.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12176024

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176025

Project: Klaza - 94

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

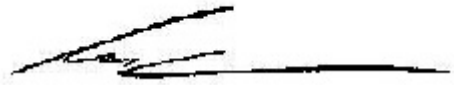
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12176025

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812106		4.74	<0.005	0.09	7.69	37.9	1560	2.25	0.10	3.15	0.13	78.7	11.2	36	26.4	18.2
N812107		5.01	<0.005	0.22	6.72	17.9	1500	1.95	0.40	2.71	0.26	56.5	8.2	10	19.60	20.7
N812108		5.63	<0.005	0.14	6.89	8.6	1290	2.17	0.07	2.80	0.07	47.1	8.1	10	20.7	6.7
N812109		6.09	<0.005	0.07	7.50	3.6	1960	2.25	0.05	2.99	0.08	69.6	8.9	11	23.3	5.9
N812110		4.79	<0.005	0.07	7.39	3.9	2120	1.71	0.08	3.04	0.07	62.5	9.1	11	20.2	6.8
N812111		0.27	0.816	11.25	6.88	1910	640	1.72	7.52	2.00	44.3	54.2	18.7	20	19.25	110.0
N812112		5.47	<0.005	0.11	7.17	6.4	1850	1.50	0.09	2.92	0.14	49.8	8.8	10	23.3	10.0
N812113		5.46	<0.005	0.14	7.08	5.9	2010	1.54	0.27	3.34	0.08	54.3	8.2	11	19.65	9.6
N812114		4.32	<0.005	0.04	7.11	3.8	1750	1.75	0.07	3.45	0.05	50.4	8.8	11	20.5	10.2
N812115		<0.02	<0.005	0.04	7.04	3.1	1730	1.66	0.07	3.42	0.05	47.5	8.4	11	19.95	9.0
N812116		2.47	0.011	1.22	6.89	40.0	1050	1.61	0.29	3.71	4.58	52.7	8.4	8	17.65	19.6
N812117		4.22	<0.005	0.11	6.93	5.4	2020	1.61	0.12	3.79	0.10	53.7	8.2	10	18.90	7.9
N812118		3.03	<0.005	0.01	0.08	<5	20	0.08	0.02	20.6	0.06	1.53	1.5	1	0.18	1.4
N812119		5.00	<0.005	0.20	6.57	15.9	1520	1.89	0.52	3.83	0.19	47.5	8.9	9	16.20	7.8
N812120		2.89	<0.005	0.29	7.10	20.8	860	1.99	0.19	1.86	0.48	53.3	9.4	9	21.7	6.0
N812121		3.78	<0.005	0.10	7.34	5.4	1800	1.73	0.13	2.45	0.11	48.3	9.3	10	23.9	7.5
N812122		0.26	0.764	11.85	6.77	1860	1120	1.74	7.51	1.95	43.9	54.3	18.0	21	18.80	107.5
N812123		5.85	<0.005	0.13	7.04	10.2	1860	1.94	0.11	3.11	0.22	55.9	9.3	11	21.5	8.9
N812124		5.50	<0.005	0.07	7.09	6.8	2100	1.83	0.10	2.98	0.16	52.4	9.4	11	21.7	7.8
N812125		5.38	<0.005	0.06	6.79	4.7	1450	1.36	0.10	2.92	0.19	48.1	9.0	11	18.55	7.1
N812126		4.37	<0.005	0.09	6.60	8.9	2030	1.41	0.17	3.00	0.36	48.0	10.3	8	16.55	8.8
N812127		2.56	<0.005	0.07	6.61	5.0	1540	1.23	0.09	2.93	0.20	42.5	8.7	8	23.4	6.1
N812128		1.06	<0.005	0.06	6.89	4.4	1400	1.24	0.09	2.73	0.18	42.5	8.5	7	23.1	6.9
N812129		3.32	<0.005	0.10	6.85	6.8	2350	1.29	0.13	3.27	0.31	48.8	8.0	8	17.95	14.3
N812130		2.19	0.039	0.46	6.25	220	1290	1.23	0.14	3.55	2.09	41.1	7.8	8	15.60	11.2
N812131		4.14	<0.005	0.18	6.93	55.2	1040	1.37	0.09	2.73	0.85	41.9	8.2	10	21.7	5.3
N812132		4.21	<0.005	0.19	7.00	34.2	1970	1.28	0.09	4.29	1.13	53.7	8.2	10	16.05	12.6
N812133		2.98	<0.005	0.06	6.58	3.9	3380	1.31	0.23	5.12	0.15	51.3	7.5	8	16.25	4.6
N812134		3.45	<0.005	0.01	0.10	<5	40	0.05	0.04	21.5	0.05	1.38	1.3	1	0.19	2.0
N812135		2.34	<0.005	0.04	6.89	8.4	1080	1.41	0.12	3.02	0.13	43.2	7.8	9	11.70	1.9
N812136		1.83	0.008	0.32	6.46	183.0	1030	1.44	0.11	2.33	0.35	47.3	8.1	8	17.30	12.6
N812137		4.20	<0.005	0.10	6.61	37.6	1140	1.40	0.14	3.28	0.18	42.6	7.2	9	15.45	10.1
N812138		2.56	<0.005	0.05	7.13	4.0	1800	1.45	0.28	3.41	0.10	43.0	8.2	11	20.6	1.8
N812139		5.37	<0.005	0.06	7.34	2.2	2060	1.46	0.11	3.14	0.07	45.0	8.6	14	18.95	5.4
N812140		5.63	<0.005	0.07	7.13	4.4	1740	1.37	0.07	2.93	0.11	42.4	8.0	11	23.6	7.3
N812141		4.31	<0.005	0.15	6.90	10.7	1140	1.44	0.14	2.69	0.27	42.5	7.3	9	17.90	10.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12176025

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812106		3.33	20.1	0.14	3.4	0.044	1.79	44.0	188.5	1.09	814	1.10	0.10	11.5	11.3	1170
N812107		2.72	17.60	0.13	1.5	0.042	2.63	31.1	84.1	0.66	1040	1.15	0.14	8.9	2.7	540
N812108		2.96	17.70	0.14	1.3	0.044	2.72	24.3	58.5	0.73	1020	0.92	0.93	8.8	2.9	600
N812109		3.08	19.05	0.15	1.5	0.037	2.78	37.8	21.2	0.70	778	0.97	2.09	9.5	3.0	620
N812110		3.19	18.70	0.14	1.5	0.037	2.73	33.4	58.9	0.80	738	0.90	1.78	9.5	3.1	640
N812111		5.62	17.45	0.16	1.5	0.989	2.99	29.7	31.3	0.73	2070	14.20	0.27	9.1	16.0	520
N812112		2.99	18.35	0.15	1.5	0.038	2.69	25.7	92.3	0.72	886	1.18	1.00	9.5	3.0	610
N812113		2.86	16.95	0.15	1.3	0.038	2.69	29.2	58.4	0.86	1080	1.03	0.29	9.0	2.8	590
N812114		3.09	17.60	0.19	1.5	0.034	2.82	26.0	39.3	0.62	831	0.91	1.55	9.3	3.0	600
N812115		3.10	16.95	0.14	1.5	0.036	2.79	24.5	41.0	0.61	830	0.75	1.56	9.0	2.9	610
N812116		3.43	17.55	0.15	1.3	0.091	2.88	28.5	37.9	0.76	2880	0.38	0.18	8.9	3.0	590
N812117		3.02	18.60	0.15	1.3	0.044	2.84	28.5	40.5	0.75	1220	0.48	0.13	9.1	2.9	580
N812118		0.45	0.36	0.06	<0.1	<0.005	0.03	0.8	1.2	12.15	194	0.13	0.01	0.3	2.1	170
N812119		2.93	21.0	0.13	1.3	0.061	3.31	24.2	25.9	0.65	1980	0.32	0.10	9.1	2.6	570
N812120		2.94	20.0	0.15	1.4	0.051	2.89	28.3	95.6	0.65	1620	0.85	0.04	9.4	2.9	600
N812121		3.22	19.45	0.16	1.4	0.045	2.81	24.6	50.4	0.69	923	0.68	1.17	9.5	2.8	630
N812122		5.49	17.55	0.18	1.5	0.949	2.95	30.2	31.1	0.71	2030	13.80	0.26	8.9	16.1	510
N812123		2.95	19.30	0.17	1.5	0.046	2.71	29.2	63.8	0.79	983	0.72	0.82	9.9	3.0	620
N812124		3.17	18.50	0.14	1.3	0.045	2.65	27.0	63.7	0.85	1000	0.59	0.63	9.3	3.1	630
N812125		3.01	17.40	0.16	1.3	0.047	2.49	23.7	59.6	0.82	979	0.61	0.72	9.1	3.6	610
N812126		2.96	16.10	0.16	1.3	0.034	2.50	24.2	46.0	0.86	1160	0.70	0.04	8.6	3.1	570
N812127		3.04	17.10	0.18	1.5	0.034	2.32	20.6	45.3	0.69	978	0.77	0.09	9.0	3.2	590
N812128		3.04	17.20	0.16	1.4	0.034	2.47	20.7	39.6	0.70	990	1.47	0.05	8.9	3.1	610
N812129		2.88	14.45	0.18	1.2	0.029	2.35	25.4	91.3	0.89	1140	0.89	0.04	8.0	2.9	580
N812130		2.85	12.90	0.15	1.0	0.031	2.67	21.9	32.7	0.81	2640	0.88	0.02	6.8	2.5	500
N812131		3.03	16.35	0.15	1.3	0.037	2.89	20.3	71.8	0.64	1680	0.89	0.04	8.6	2.9	630
N812132		3.07	14.10	0.19	1.1	0.035	2.67	28.9	28.2	0.86	1780	1.78	0.03	7.8	3.1	600
N812133		3.21	14.95	0.16	1.2	0.050	2.61	27.3	31.8	1.08	1420	0.40	0.13	6.9	3.0	490
N812134		0.47	0.26	0.05	<0.1	<0.005	0.03	0.7	0.9	12.70	202	0.28	0.01	0.3	2.8	200
N812135		2.97	16.30	0.12	1.3	0.037	2.71	22.1	37.9	0.73	1110	0.35	0.15	7.9	2.9	570
N812136		2.50	16.05	0.15	1.3	0.037	3.02	25.7	14.5	0.77	1820	0.57	0.03	7.7	2.9	460
N812137		2.99	15.15	0.13	1.2	0.036	2.88	21.8	18.6	0.97	1480	0.70	0.48	7.4	2.6	530
N812138		3.26	17.40	0.15	1.2	0.047	2.63	20.6	9.0	0.65	1040	0.41	2.10	8.6	3.1	610
N812139		3.24	17.30	0.15	1.3	0.038	2.77	21.5	9.8	0.88	795	1.06	2.04	8.6	3.3	630
N812140		3.06	17.00	0.17	1.2	0.038	2.79	20.0	41.9	0.79	854	0.86	1.14	8.8	3.0	640
N812141		2.99	15.30	0.15	1.1	0.036	2.62	21.5	62.8	0.85	1190	0.71	0.05	7.9	2.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12176025

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812106		17.7	99.0	<0.002	0.05	14.35	10.5	1	3.3	440	0.77	<0.05	12.8	0.364	0.95	3.0
N812107		24.3	128.0	<0.002	0.12	15.20	9.7	1	3.7	166.5	0.81	<0.05	16.6	0.232	1.67	4.6
N812108		18.3	128.5	<0.002	0.04	7.87	10.8	1	1.8	206	0.69	<0.05	12.0	0.262	1.60	6.5
N812109		19.1	132.0	<0.002	0.01	3.72	11.8	1	1.8	350	0.76	<0.05	16.5	0.270	1.27	4.3
N812110		20.6	101.5	<0.002	0.02	4.38	10.9	1	1.7	398	0.73	<0.05	14.5	0.276	1.10	4.2
N812111		1410	170.5	0.002	3.25	38.6	8.7	1	6.6	158.5	0.70	0.33	13.6	0.216	2.58	6.0
N812112		25.4	103.5	<0.002	0.04	6.42	10.4	1	2.0	300	0.75	<0.05	13.4	0.263	1.29	4.0
N812113		18.5	109.5	<0.002	0.08	12.30	10.1	1	2.4	195.5	0.73	<0.05	13.9	0.255	1.50	4.7
N812114		16.6	115.5	<0.002	0.01	6.38	10.5	1	1.8	313	0.77	<0.05	13.5	0.262	1.40	4.6
N812115		16.0	109.5	<0.002	0.01	6.10	9.9	1	1.8	310	0.75	<0.05	13.4	0.259	1.33	4.0
N812116		165.5	135.0	<0.002	0.51	24.0	10.5	1	2.9	163.0	0.70	<0.05	13.6	0.257	1.98	6.1
N812117		14.0	126.0	<0.002	0.07	11.25	10.7	1	2.6	187.5	0.72	<0.05	14.0	0.254	1.81	3.5
N812118		1.9	1.6	<0.002	0.03	0.09	0.2	1	<0.2	55.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812119		15.4	164.0	<0.002	0.18	25.7	11.1	1	2.7	146.0	0.70	<0.05	12.4	0.249	2.33	4.9
N812120		33.6	155.0	<0.002	0.16	35.3	11.9	1	2.0	136.0	0.73	<0.05	14.3	0.259	2.16	4.8
N812121		19.6	113.5	<0.002	0.02	9.02	11.6	1	2.3	242	0.76	<0.05	12.8	0.275	1.41	3.1
N812122		1370	170.0	0.002	3.19	38.2	8.8	1	6.5	157.0	0.69	0.32	13.7	0.215	2.66	5.9
N812123		20.2	118.0	<0.002	0.04	12.05	12.0	1	2.2	232	0.76	<0.05	13.4	0.277	1.58	5.3
N812124		16.4	107.5	<0.002	0.05	12.05	10.8	1	2.2	219	0.71	<0.05	12.7	0.266	1.42	2.9
N812125		16.7	100.5	<0.002	0.03	10.50	11.8	1	1.8	192.5	0.69	<0.05	11.1	0.270	1.39	2.6
N812126		13.6	105.0	<0.002	0.08	15.60	10.7	1	1.9	125.5	0.69	<0.05	11.2	0.250	1.65	3.4
N812127		19.0	89.2	<0.002	0.04	13.45	10.8	1	1.8	132.5	0.75	<0.05	10.8	0.257	1.26	3.4
N812128		16.8	97.0	<0.002	0.03	12.20	10.6	1	1.8	118.5	0.74	<0.05	10.9	0.263	1.34	3.2
N812129		14.7	99.3	<0.002	0.07	14.60	10.2	1	2.4	170.0	0.63	<0.05	11.7	0.250	1.22	3.0
N812130		102.0	122.5	<0.002	0.63	20.0	9.0	1	1.8	118.0	0.52	<0.05	9.9	0.225	1.64	4.9
N812131		29.2	118.0	<0.002	0.20	15.00	11.2	1	1.7	135.0	0.62	<0.05	10.7	0.281	1.83	4.7
N812132		57.0	133.0	<0.002	0.24	11.55	10.6	1	2.5	126.0	0.59	<0.05	12.4	0.257	1.72	3.8
N812133		12.4	128.0	<0.002	0.10	14.30	9.7	1	1.7	176.0	0.55	<0.05	10.6	0.228	1.61	5.3
N812134		1.4	1.6	<0.002	0.01	0.07	0.2	1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812135		13.0	120.0	<0.002	0.13	10.75	10.4	1	1.6	113.0	0.65	<0.05	12.0	0.248	1.58	4.6
N812136		74.9	180.0	<0.002	0.28	18.15	10.0	1	2.4	67.1	0.67	<0.05	14.1	0.214	2.17	10.0
N812137		18.2	127.0	<0.002	0.12	8.73	9.3	1	2.4	133.0	0.61	<0.05	11.3	0.231	1.85	6.9
N812138		18.5	103.5	<0.002	0.02	4.53	10.3	1	1.7	263	0.65	<0.05	10.5	0.279	1.34	3.7
N812139		17.3	106.0	<0.002	0.01	2.77	11.1	1	1.6	405	0.65	<0.05	10.6	0.278	1.14	4.2
N812140		20.5	101.0	<0.002	0.03	6.46	11.1	1	1.7	307	0.70	<0.05	10.1	0.283	1.41	3.7
N812141		29.6	102.0	<0.002	0.08	12.15	10.2	1	1.7	150.5	0.62	<0.05	10.4	0.254	1.66	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12176025

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812106		80	3.0	17.3	75	121.0
N812107		63	3.1	16.0	65	36.3
N812108		74	1.3	15.6	61	32.0
N812109		78	1.8	17.0	56	36.8
N812110		78	1.2	16.7	56	37.1
N812111		59	6.0	13.4	3100	45.4
N812112		74	2.1	15.2	65	35.7
N812113		70	1.7	16.6	61	33.3
N812114		74	0.9	15.9	54	36.3
N812115		73	0.9	15.1	55	36.2
N812116		71	2.6	17.3	564	32.7
N812117		74	1.5	16.3	63	34.1
N812118		2	0.1	1.0	13	0.8
N812119		71	2.2	16.3	68	34.9
N812120		70	1.6	15.0	101	37.0
N812121		77	1.5	15.2	61	34.3
N812122		59	6.0	13.3	3050	44.1
N812123		78	1.5	17.2	90	36.8
N812124		74	1.4	15.5	72	34.0
N812125		75	1.5	16.2	72	30.4
N812126		70	2.8	16.0	81	31.0
N812127		72	3.7	15.6	66	33.7
N812128		73	3.5	14.8	65	33.4
N812129		69	2.7	16.4	88	29.2
N812130		64	1.6	15.0	177	24.8
N812131		80	2.8	14.2	130	31.3
N812132		69	2.0	16.8	126	27.5
N812133		75	1.4	19.9	77	27.6
N812134		2	0.1	0.9	13	<0.5
N812135		68	1.1	13.0	81	31.0
N812136		59	1.3	13.8	52	31.1
N812137		65	1.3	15.2	66	27.5
N812138		81	1.0	14.1	91	28.8
N812139		81	1.3	16.3	59	29.6
N812140		82	2.1	15.2	70	27.9
N812141		72	2.0	14.4	94	27.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12176025

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176026

Project: Klaza TR-12-36

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

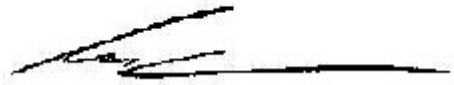
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12176026

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815073		4.37	0.009	0.34	7.38	61.3	1250	1.29	0.24	1.07	3.43	57.9	6.6	9	17.75	22.8
N815074		5.82	0.008	0.39	7.68	71.9	1360	1.16	0.31	0.41	3.83	55.6	7.5	9	13.40	32.3
N815075		6.58	5.73	>100	5.55	6270	1510	1.02	435	0.18	23.3	31.6	5.2	7	13.70	326
N815076		5.98	6.70	>100	5.17	9890	3050	0.99	619	0.14	31.6	31.8	3.2	7	12.30	522
N815077		5.76	1.075	64.2	5.87	7670	800	1.40	60.1	0.13	68.2	43.3	2.2	12	13.95	1280
N815078		6.25	1.180	39.5	6.27	3750	2180	1.14	27.8	0.10	26.7	46.5	3.1	13	12.25	620
N815079		6.94	0.049	5.14	7.49	566	1350	1.37	1.94	0.28	11.10	50.7	7.0	9	14.10	171.0
N815080		5.87	0.038	1.73	7.92	197.5	1300	1.07	0.82	0.32	3.63	48.9	6.1	9	14.20	45.1
N815081		6.00	0.145	6.92	8.75	700	1990	1.47	1.55	0.33	11.80	61.7	16.9	61	20.7	232
N815082		6.27	0.085	2.64	8.03	361	1490	1.29	0.79	0.26	6.59	53.0	8.8	15	19.20	85.4
N815083		6.28	0.022	0.91	8.18	200	1360	1.41	0.50	1.20	4.57	55.4	12.7	54	18.45	24.1
N815084		5.41	0.010	0.30	7.40	57.5	1230	1.27	0.39	0.69	2.72	58.9	6.6	8	14.55	10.5
N815085		6.16	0.014	1.01	8.40	102.0	1390	1.43	0.81	0.65	4.15	70.0	8.1	9	22.1	25.3
N815086		6.13	0.037	3.70	7.58	174.0	1240	1.46	0.59	1.13	3.56	54.7	6.6	11	11.70	25.7
N815087		5.85	0.014	1.48	8.00	186.5	1020	1.67	0.58	0.74	5.76	65.1	7.9	9	23.6	31.9
N815088		6.48	0.013	1.32	7.46	104.0	1040	1.71	0.38	1.06	3.67	55.8	5.6	9	13.70	26.2
N815089		6.34	0.012	0.89	7.47	170.0	930	1.80	0.72	0.49	5.13	56.4	6.5	9	27.2	32.3
N815090		5.67	0.008	0.54	7.81	89.3	910	1.21	0.37	0.65	3.06	51.9	5.9	7	22.3	18.6
N815091		7.02	0.016	1.75	7.67	284	820	1.26	1.61	0.20	4.92	49.2	8.1	8	33.3	176.0
N815092		4.38	0.156	9.46	5.94	490	1050	1.27	7.85	0.11	4.81	38.7	9.4	7	32.6	804
N815093		4.69	0.045	2.37	7.85	185.5	1280	1.27	1.38	0.67	4.23	53.4	7.4	9	10.75	75.7
N815094		0.27	1.265	32.9	7.85	520	1220	1.75	1.23	0.29	30.6	80.8	6.2	18	3.57	134.5
N815095		5.40	0.007	0.74	8.04	95.0	1410	1.54	0.43	0.81	2.99	56.6	7.6	9	13.35	29.1
N815096		4.50	0.011	1.26	7.78	117.0	1420	1.67	1.05	0.78	4.32	60.7	8.3	9	14.95	31.3
N815097		3.39	0.029	8.74	7.90	144.0	1070	1.69	8.33	0.30	6.74	59.3	7.3	9	20.8	62.5
N815098		3.74	0.012	1.77	8.33	271	1190	1.78	1.61	0.28	9.59	71.2	11.0	10	32.3	78.7
N815099		4.81	0.020	1.71	8.17	149.5	1170	1.92	4.21	0.68	3.74	59.2	9.5	10	20.1	40.0
N815100		3.19	0.018	0.96	7.65	28.0	580	1.72	1.08	0.97	2.28	48.5	4.9	9	9.95	18.4
N815101		3.26	<0.005	0.60	7.82	40.1	1340	1.75	0.28	1.14	2.77	53.8	6.5	8	12.75	17.6
N815102		3.82	<0.005	0.02	0.08	<5	20	<0.05	0.03	20.0	0.07	1.19	0.5	<1	0.14	2.2
N815103		2.24	0.005	0.99	7.37	70.7	1040	1.29	0.58	0.85	2.79	46.5	5.4	8	12.80	44.5
N815104		3.02	0.008	0.97	8.72	92.4	1130	1.24	0.85	0.32	3.11	46.0	3.7	9	11.45	34.6
N815105		2.71	0.009	1.90	8.13	160.0	950	1.47	0.61	0.60	5.11	60.6	5.7	9	24.1	82.1
N815106		2.50	0.013	1.39	8.12	67.1	1230	1.37	0.61	0.96	3.41	59.5	7.0	9	13.25	83.0
N815107		2.21	0.007	1.33	7.66	92.3	1240	1.38	0.49	0.87	6.90	63.6	8.1	11	18.50	110.5
N815108		2.65	0.006	1.00	8.25	192.5	1050	1.53	0.33	0.21	7.68	62.3	6.5	11	24.3	68.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12176026

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815073		2.50	14.45	0.11	1.0	0.038	2.67	29.2	11.7	0.41	1060	4.96	1.28	8.3	3.4	410
N815074		2.60	14.55	0.11	1.0	0.033	2.43	32.0	22.9	0.47	1410	6.36	0.50	8.9	3.1	430
N815075		7.95	10.70	0.16	0.6	1.985	2.28	27.5	12.7	0.20	2310	106.5	0.04	5.9	1.7	310
N815076		8.01	10.20	0.15	0.6	3.65	2.05	28.0	21.0	0.14	842	84.2	0.03	5.3	1.2	290
N815077		8.38	12.45	0.19	0.7	1.480	2.53	40.1	12.3	0.15	512	76.5	0.02	6.4	2.7	290
N815078		5.94	12.40	0.17	0.7	1.555	2.65	37.4	16.4	0.16	1320	62.3	0.02	6.7	2.7	310
N815079		3.68	14.70	0.10	1.0	0.210	2.98	29.8	21.8	0.29	2180	15.80	0.34	9.1	3.4	410
N815080		2.78	15.25	0.10	1.0	0.077	2.75	24.2	21.2	0.44	666	4.61	0.41	9.4	4.1	430
N815081		5.01	17.35	0.16	1.4	0.663	2.95	32.4	31.5	0.58	2740	23.0	0.16	11.0	22.0	910
N815082		3.11	16.00	0.12	1.0	0.142	2.73	29.6	33.2	0.44	1310	11.35	0.30	9.7	7.8	500
N815083		3.74	16.45	0.14	1.2	0.087	2.18	30.6	29.8	0.75	1040	8.73	1.11	10.9	23.3	810
N815084		2.40	14.50	0.10	1.0	0.025	2.42	24.9	17.5	0.65	678	2.90	1.17	9.6	3.8	390
N815085		3.07	17.40	0.12	1.2	0.114	2.80	32.3	20.1	0.70	1170	5.81	1.31	10.9	4.3	470
N815086		2.68	14.35	0.08	1.0	0.123	2.43	26.7	17.7	0.61	923	8.20	1.70	9.0	3.5	440
N815087		2.81	17.10	0.12	1.1	0.069	2.61	34.2	35.9	0.37	941	6.95	1.32	9.7	4.0	450
N815088		2.36	14.65	0.11	1.0	0.040	2.31	27.6	18.3	0.47	664	3.37	1.72	8.9	3.6	410
N815089		2.48	15.05	0.12	1.1	0.031	2.74	31.6	28.0	0.32	658	5.23	0.74	9.5	3.2	410
N815090		2.45	15.40	0.14	1.1	0.035	2.50	28.8	39.7	0.26	564	3.83	0.60	9.4	3.7	420
N815091		2.27	15.35	0.17	1.0	0.056	2.85	31.1	34.4	0.19	1450	15.90	0.04	8.6	2.9	410
N815092		3.17	13.25	0.16	0.8	0.411	2.54	27.6	14.8	0.24	1190	261	0.02	6.0	2.1	310
N815093		3.09	15.70	0.14	0.8	0.161	2.59	29.4	40.6	0.31	1090	22.3	0.79	8.5	3.8	450
N815094		5.39	22.2	0.21	2.4	0.250	3.41	37.8	25.8	0.28	1030	5.95	0.07	12.8	7.8	1750
N815095		2.67	15.90	0.12	0.9	0.033	2.37	26.6	20.2	0.56	621	3.80	1.20	9.0	3.7	460
N815096		3.06	15.80	0.14	1.1	0.058	2.48	31.4	30.4	0.54	1140	7.55	1.04	9.4	3.9	440
N815097		3.70	15.10	0.12	1.0	0.149	2.60	32.2	62.5	0.25	1740	14.25	0.28	8.7	3.1	440
N815098		2.89	17.05	0.13	1.1	0.094	2.66	42.2	44.2	0.21	2870	21.4	0.13	9.3	4.1	460
N815099		3.11	17.05	0.13	1.1	0.231	2.31	24.9	19.2	0.38	2140	12.65	1.24	9.0	3.7	450
N815100		2.18	15.70	0.10	1.0	0.075	0.97	15.0	19.0	0.73	629	1.82	2.87	8.8	3.5	450
N815101		2.51	15.40	0.13	1.1	0.028	2.53	25.1	19.8	0.60	489	2.16	1.85	9.0	3.3	410
N815102		0.44	0.19	0.07	<0.1	0.005	0.02	0.6	1.1	12.50	190	0.11	0.01	0.2	1.7	210
N815103		2.30	17.10	0.14	1.0	0.046	1.98	19.5	28.1	0.49	411	3.11	1.53	9.5	4.2	430
N815104		2.17	17.15	0.13	1.2	0.089	2.19	17.0	51.6	0.29	349	3.20	0.88	9.9	3.8	490
N815105		2.59	15.70	0.14	1.0	0.083	2.37	35.0	40.1	0.29	1100	5.96	1.01	8.1	4.3	460
N815106		2.87	14.50	0.13	0.9	0.054	2.52	32.4	15.2	0.68	619	2.70	1.86	8.0	4.6	440
N815107		2.35	14.90	0.14	0.9	0.052	2.66	34.7	14.8	0.44	1800	8.68	1.36	7.6	5.1	430
N815108		2.93	16.40	0.16	1.0	0.093	3.24	39.9	25.7	0.20	1780	12.75	0.17	8.0	4.4	480

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12176026

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815073		45.5	118.0	<0.002	<0.01	5.98	8.3	1	1.1	215	0.71	<0.05	18.1	0.224	1.27	1.6
N815074		58.9	111.0	<0.002	<0.01	7.29	8.8	1	1.1	131.0	0.83	<0.05	17.3	0.231	1.09	1.5
N815075		>10000	116.0	<0.002	0.59	617	6.6	2	1.9	57.3	0.54	0.31	15.4	0.153	1.80	9.3
N815076		>10000	106.5	<0.002	0.49	1005	6.2	2	2.8	106.5	0.51	0.26	15.7	0.137	1.87	12.8
N815077		9950	149.0	<0.002	0.15	195.0	8.7	1	2.8	64.3	0.63	0.12	14.6	0.165	2.18	10.3
N815078		6540	150.5	<0.002	0.14	125.5	8.6	1	2.7	43.0	0.72	0.05	16.0	0.183	2.40	7.3
N815079		618	164.0	<0.002	0.01	23.2	8.6	1	2.0	94.8	0.94	<0.05	18.1	0.212	2.02	2.8
N815080		134.5	127.0	<0.002	<0.01	10.80	8.6	1	1.4	117.0	0.95	<0.05	18.2	0.226	1.24	2.1
N815081		1020	170.0	<0.002	0.01	35.7	13.5	1	1.8	85.7	0.89	<0.05	16.9	0.343	2.16	3.6
N815082		158.0	143.5	<0.002	0.01	21.9	10.0	1	1.5	95.9	0.89	<0.05	17.4	0.250	1.60	2.4
N815083		96.9	117.0	<0.002	0.01	15.15	13.0	1	1.6	236	0.85	<0.05	12.8	0.357	1.27	2.4
N815084		24.8	114.0	<0.002	<0.01	6.90	8.3	1	1.5	198.0	1.04	<0.05	18.1	0.217	0.89	1.6
N815085		118.0	133.5	<0.002	<0.01	11.40	9.8	1	2.1	229	1.07	<0.05	21.2	0.248	1.19	2.1
N815086		500	110.0	<0.002	0.01	12.90	8.2	1	1.7	246	0.86	<0.05	16.1	0.227	1.01	2.1
N815087		129.0	137.5	<0.002	<0.01	8.65	9.7	1	2.8	166.0	0.91	<0.05	18.9	0.225	1.33	1.9
N815088		125.0	108.5	<0.002	<0.01	4.76	8.6	1	2.4	226	0.90	<0.05	18.4	0.214	0.97	1.8
N815089		31.4	141.5	<0.002	<0.01	36.1	9.3	1	1.3	108.0	0.93	<0.05	19.0	0.212	1.36	2.2
N815090		31.8	113.0	<0.002	<0.01	5.00	9.2	1	1.1	111.5	1.03	<0.05	18.7	0.228	1.11	2.5
N815091		249	150.0	<0.002	<0.01	39.6	10.6	1	1.3	38.5	0.90	0.05	19.8	0.225	1.82	3.0
N815092		1805	163.5	0.008	0.03	233	7.9	1	1.1	21.1	0.60	0.48	14.8	0.169	1.61	3.9
N815093		837	122.5	<0.002	0.01	15.25	9.8	1	1.4	147.5	0.78	<0.05	17.8	0.232	1.27	3.2
N815094		3730	184.5	0.003	0.60	70.0	14.6	5	21.8	397	0.82	0.33	8.2	0.433	2.05	4.3
N815095		47.7	109.5	<0.002	<0.01	6.01	9.8	1	1.8	197.5	0.80	<0.05	16.6	0.239	0.91	1.9
N815096		227	123.0	<0.002	0.01	6.40	9.7	1	1.6	176.5	0.92	<0.05	18.5	0.224	1.14	2.3
N815097		2320	139.0	<0.002	0.03	19.80	9.8	1	1.8	82.6	0.81	<0.05	17.9	0.233	1.70	3.1
N815098		356	148.0	<0.002	0.01	26.1	10.9	1	1.5	82.6	0.88	0.05	20.0	0.242	1.88	3.0
N815099		1065	132.0	<0.002	<0.01	10.15	9.8	1	6.1	160.5	0.81	<0.05	18.3	0.232	1.38	2.8
N815100		74.8	47.7	<0.002	<0.01	4.34	9.5	1	6.7	295	0.79	<0.05	16.3	0.226	0.52	1.9
N815101		31.1	108.5	<0.002	<0.01	3.73	8.9	1	1.3	267	0.84	<0.05	17.3	0.226	0.80	1.8
N815102		2.0	1.0	<0.002	0.01	0.09	0.2	<1	0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
N815103		104.5	96.0	<0.002	<0.01	6.46	9.5	1	2.7	185.0	0.87	<0.05	18.4	0.242	0.79	2.2
N815104		76.4	96.4	<0.002	<0.01	7.97	8.9	<1	2.8	111.5	0.95	<0.05	22.0	0.262	0.82	2.4
N815105		114.0	135.5	0.002	<0.01	14.35	9.4	1	1.7	131.0	0.83	<0.05	21.0	0.235	1.47	2.6
N815106		55.7	114.5	<0.002	<0.01	3.99	9.4	1	1.3	238	0.75	<0.05	19.5	0.234	0.96	1.9
N815107		73.3	137.0	0.002	<0.01	6.63	9.0	1	1.2	179.5	0.70	<0.05	18.7	0.227	1.56	2.0
N815108		65.8	166.0	0.002	<0.01	88.0	10.4	1	1.6	45.8	0.68	<0.05	18.7	0.243	1.81	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12176026

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815073		66	1.8	12.6	593	26.5		
N815074		70	3.2	15.1	870	24.9		
N815075		51	3.2	17.3	1380	16.5	279	1.480
N815076		46	3.0	16.9	1400	14.6	355	2.19
N815077		56	3.7	26.4	1750	18.2		
N815078		58	4.0	19.0	1370	18.5		
N815079		64	3.3	16.7	2000	23.3		
N815080		69	4.8	13.0	937	24.1		
N815081		100	12.1	21.3	2380	45.4		
N815082		76	3.9	15.9	1440	25.9		
N815083		102	6.2	18.3	617	39.1		
N815084		65	12.5	9.0	679	25.2		
N815085		77	8.6	12.1	791	28.8		
N815086		68	2.9	11.0	569	25.3		
N815087		73	3.3	12.7	891	29.2		
N815088		64	1.9	10.6	859	25.1		
N815089		65	3.2	14.5	784	28.7		
N815090		65	2.0	12.0	458	25.0		
N815091		64	4.1	15.8	709	25.9		
N815092		56	3.7	15.3	591	21.6		
N815093		69	3.0	12.3	910	22.5		
N815094		143	3.9	21.3	2400	66.6		
N815095		71	3.2	12.1	652	23.5		
N815096		68	3.2	14.1	755	26.8		
N815097		71	4.4	13.8	972	24.8		
N815098		76	4.9	15.9	535	28.1		
N815099		83	3.1	11.7	476	26.9		
N815100		68	7.8	7.1	340	26.7		
N815101		67	4.4	7.1	342	25.3		
N815102		2	0.1	0.8	15	<0.5		
N815103		67	4.4	7.7	400	27.1		
N815104		72	7.8	7.6	547	27.9		
N815105		68	3.5	13.3	795	23.6		
N815106		70	6.9	10.0	1140	23.6		
N815107		67	9.1	11.2	659	23.1		
N815108		77	7.5	12.4	491	25.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12176026

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176321

Project: Klaza-88

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

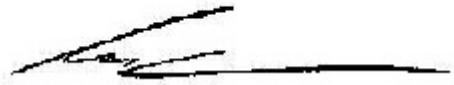
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12176321

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810664		0.28	4.16	97.8	5.03	7600	950	0.88	53.5	1.83	205	34.9	7.6	16	11.35	1190
N810665		2.85	<0.005	0.25	7.31	31.2	2230	1.35	0.24	3.00	0.39	44.6	8.1	15	13.15	8.5
N810666		4.24	0.013	1.10	6.76	101.0	1420	1.28	0.29	3.08	4.29	53.4	10.0	11	26.7	16.2
N810667		1.73	<0.005	0.07	7.29	3.6	2280	1.40	0.13	2.93	0.10	51.1	7.7	13	17.20	4.0
N810668		1.54	<0.005	0.16	7.04	5.6	2040	1.60	0.13	2.66	0.09	50.8	8.3	11	13.20	5.6
N810669		2.91	0.025	0.22	6.82	38.9	1590	1.38	0.28	2.65	0.52	45.3	9.0	12	20.2	4.2
N810670		7.88	4.64	>100	3.10	6570	130	0.65	72.7	3.09	324	24.6	66.2	7	5.09	1325
N810671		1.72	<0.005	0.10	0.08	6	20	0.07	0.06	21.1	0.22	1.46	1.2	<1	0.38	2.6
N810672		4.78	0.008	0.99	6.78	66.3	280	1.83	0.29	3.57	0.79	58.3	6.2	15	21.4	8.1
N810673		3.04	0.032	4.33	6.87	103.0	800	1.68	0.43	4.42	6.04	73.1	7.6	14	14.60	19.0
N810674		5.29	<0.005	0.22	6.79	18.0	1740	1.55	0.12	2.97	0.45	66.3	5.1	12	24.0	11.9
N810675		4.46	<0.005	0.53	7.02	21.5	1040	1.62	0.14	3.25	0.61	63.4	6.0	12	34.7	30.1
N810676		5.28	1.125	62.7	3.97	2130	230	0.79	58.5	1.29	23.5	59.1	49.4	13	7.97	1615
N810677		2.13	<0.005	0.06	0.09	<5	40	0.07	0.06	20.1	0.07	1.35	1.2	1	0.31	2.2
N810678		2.85	<0.005	0.28	7.34	10.1	2080	1.51	0.29	2.78	0.23	47.9	5.8	14	10.60	13.7
N810679		2.98	<0.005	0.20	7.25	17.4	2140	1.36	0.24	2.34	0.24	49.6	6.6	16	15.35	4.8
N810680		3.71	<0.005	1.28	7.42	14.3	1930	1.49	0.17	2.63	0.36	45.9	6.8	11	22.3	13.2
N810681		2.70	0.063	0.19	7.57	6.8	2010	1.37	0.12	2.73	0.24	50.6	9.4	16	16.10	6.5
N810682		3.19	<0.005	0.14	7.17	4.5	2010	1.40	0.08	2.75	0.21	49.1	7.0	9	13.55	6.8
N810683		<0.02	<0.005	0.15	7.00	5.6	2040	1.47	0.12	2.77	0.22	45.1	7.4	12	12.95	9.5
N810684		2.50	0.248	3.85	6.65	503	1320	1.46	1.25	3.26	2.26	51.6	9.8	14	14.30	21.8
N810685		3.57	<0.005	0.36	7.49	17.7	1990	1.53	0.26	2.71	0.45	54.6	8.0	13	15.70	44.0
N810686		4.39	0.099	0.92	6.92	321	1340	1.35	0.44	2.58	1.85	50.1	15.5	16	14.70	12.6
N810687		6.71	<0.005	0.09	7.06	12.6	1940	1.47	0.14	2.39	0.09	50.7	9.9	14	7.69	5.9
N810688		6.54	0.231	0.11	7.53	9.1	1970	1.49	0.15	2.67	0.11	55.9	9.3	13	9.97	26.5
N810689		2.81	<0.005	0.09	7.36	5.9	2060	1.44	0.17	2.66	0.11	50.9	9.0	13	8.49	11.3
N810690		2.96	<0.005	0.12	7.25	7.2	1950	1.57	0.20	2.58	0.20	50.6	9.8	14	8.19	16.0
N810691		2.33	<0.005	0.07	7.79	3.7	2070	1.66	0.10	2.83	0.10	59.9	8.5	10	4.16	14.3
N810692		3.02	<0.005	0.19	7.60	48.2	1160	1.83	0.28	2.01	0.44	41.9	9.4	21	21.8	5.6
N810693		0.26	0.773	9.71	6.37	1685	1230	1.48	6.37	1.83	43.9	44.1	16.9	19	16.15	108.5
N810694		3.98	<0.005	0.19	7.86	33.4	1070	1.54	0.29	3.51	0.28	60.7	8.2	14	25.6	4.9
N810695		4.95	<0.005	0.22	6.72	47.9	1200	1.62	0.39	2.15	1.16	35.9	8.2	13	24.4	7.0
N810696		6.00	<0.005	0.13	7.37	39.0	1510	1.66	0.18	2.24	0.58	51.6	8.1	11	14.85	5.2
N810697		4.67	<0.005	0.46	7.32	140.5	1040	2.23	0.55	3.21	5.41	50.7	7.9	12	29.4	9.4
N810698		4.87	<0.005	0.12	7.24	37.1	1040	1.71	0.10	4.14	0.17	66.7	9.1	30	27.7	18.8
N810699		5.57	<0.005	0.10	6.95	19.6	2120	1.46	0.25	2.50	0.13	45.3	7.5	10	21.9	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12176321

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810664		7.58	11.00	0.19	1.0	3.96	2.13	18.4	24.9	0.58	2780	14.30	0.07	5.4	11.8	420
N810665		3.37	15.40	0.15	1.3	0.039	2.78	22.1	13.4	0.90	1100	1.94	1.72	8.0	3.2	600
N810666		2.93	16.20	0.15	1.3	0.129	2.89	27.8	43.2	0.94	1300	1.49	0.62	8.4	3.1	550
N810667		3.02	17.20	0.17	1.5	0.053	2.67	25.5	7.9	0.75	762	1.94	2.01	8.8	3.3	570
N810668		2.99	17.30	0.15	1.2	0.055	2.59	24.8	8.6	0.80	733	1.76	1.98	8.9	3.7	570
N810669		2.93	15.50	0.16	1.3	0.056	2.83	22.6	32.1	0.71	1250	1.16	0.99	8.3	2.9	560
N810670		16.55	6.54	0.33	0.5	2.86	1.35	13.6	5.0	1.17	3210	1.82	0.02	3.6	2.2	230
N810671		0.48	0.25	0.06	<0.1	<0.005	0.03	0.7	1.0	12.50	214	0.20	0.01	0.3	2.6	180
N810672		2.51	18.00	0.12	3.2	0.029	2.69	31.3	34.1	1.35	1080	1.31	0.03	9.5	5.5	970
N810673		2.55	19.70	0.12	3.1	0.067	1.47	39.5	70.5	1.60	1060	3.22	0.02	12.0	5.3	880
N810674		2.25	18.75	0.17	2.6	0.026	1.60	33.8	75.7	0.87	683	1.42	0.04	11.7	3.2	820
N810675		2.39	18.95	0.16	2.6	0.049	2.78	31.9	37.0	0.82	736	1.39	0.06	12.1	3.4	870
N810676		9.53	9.76	0.23	0.7	1.115	1.59	39.6	22.4	0.43	1050	3.49	0.03	4.8	3.2	330
N810677		0.45	0.29	0.05	<0.1	0.006	0.04	0.7	1.1	11.90	199	0.11	0.01	0.3	2.1	170
N810678		3.24	18.05	0.14	1.2	0.101	3.00	23.3	9.3	0.79	738	10.65	1.77	8.5	2.8	610
N810679		3.39	17.25	0.15	1.3	0.106	3.23	25.5	16.3	0.72	1040	2.41	1.27	8.0	2.8	590
N810680		3.23	16.85	0.15	1.3	0.060	2.95	22.2	27.8	0.76	936	2.40	1.57	8.7	3.0	660
N810681		3.31	17.10	0.17	1.1	0.046	2.90	25.6	16.5	0.82	955	1.91	1.83	8.4	2.9	610
N810682		3.01	16.20	0.15	1.4	0.038	2.63	24.6	9.2	0.79	810	1.40	1.99	8.0	2.9	590
N810683		2.97	16.10	0.13	1.2	0.056	2.58	21.8	10.0	0.78	819	1.01	2.00	7.2	3.0	600
N810684		4.79	14.30	0.13	1.3	0.239	2.53	28.5	21.2	1.12	3930	1.80	0.91	6.3	2.9	540
N810685		3.04	16.00	0.52	1.3	0.064	2.66	32.4	19.4	0.77	810	1.95	1.53	7.3	2.9	580
N810686		3.93	15.60	0.17	1.2	0.137	3.25	26.1	22.7	0.77	2900	1.71	0.24	6.8	2.8	530
N810687		3.13	16.00	0.25	1.2	0.073	2.67	25.9	14.0	0.82	788	1.59	1.75	7.3	3.5	560
N810688		3.23	17.10	0.20	1.5	0.060	2.50	28.0	16.6	0.85	738	1.38	2.05	8.1	3.4	650
N810689		3.15	16.60	0.15	1.3	0.064	2.69	27.1	11.6	0.82	839	2.04	1.91	7.5	3.3	580
N810690		2.95	16.25	0.17	1.4	0.045	2.51	24.7	12.2	0.80	681	1.86	1.99	7.8	3.0	590
N810691		3.28	17.25	0.27	1.8	0.046	2.45	31.5	12.6	0.93	704	2.60	2.28	8.1	3.3	630
N810692		3.10	17.85	0.14	2.1	0.047	2.43	19.5	65.8	0.22	745	2.45	0.55	8.5	4.7	830
N810693		5.08	14.65	0.15	1.5	0.916	2.61	23.9	26.8	0.67	1880	11.75	0.25	6.8	15.3	470
N810694		3.16	16.75	0.26	1.4	0.044	2.57	33.2	48.4	0.27	1150	2.18	0.71	7.6	3.6	630
N810695		3.00	18.05	0.13	1.4	0.051	2.48	15.2	79.3	0.19	913	3.48	0.34	8.8	3.6	660
N810696		2.97	16.65	0.15	1.4	0.032	2.49	27.2	42.9	0.45	653	1.69	1.42	7.8	3.3	600
N810697		2.93	15.45	0.23	1.9	0.039	2.48	25.5	44.3	0.35	1260	2.15	0.33	8.2	4.5	750
N810698		3.38	18.95	0.12	4.8	0.039	2.01	35.2	74.1	0.95	834	1.45	0.10	11.2	12.1	1710
N810699		2.76	12.95	0.14	1.6	0.037	2.17	22.2	43.4	0.76	731	0.93	1.38	7.5	3.1	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12176321

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810664		8870	120.5	0.002	6.61	206	5.8	2	7.6	105.5	0.39	0.48	7.5	0.168	1.87	4.6
N810665		34.1	101.0	<0.002	0.13	3.14	10.2	1	1.7	340	0.63	<0.05	11.4	0.259	1.29	4.0
N810666		171.0	122.0	<0.002	0.28	8.25	10.4	1	2.6	215	0.66	0.14	12.8	0.242	2.10	4.5
N810667		18.7	108.0	<0.002	0.04	1.67	10.9	1	1.6	431	0.70	<0.05	12.8	0.254	1.22	4.7
N810668		20.1	104.0	<0.002	0.05	1.26	11.0	1	1.8	372	0.69	<0.05	12.9	0.252	1.18	4.4
N810669		54.3	107.5	<0.002	0.26	3.87	10.0	1	1.8	250	0.68	0.11	11.3	0.249	1.66	4.1
N810670		>10000	79.0	<0.002	>10.0	219	3.3	4	11.7	77.1	0.25	7.58	5.3	0.103	1.29	2.1
N810671		10.1	1.9	<0.002	0.04	0.17	0.2	1	<0.2	45.4	<0.05	<0.05	0.3	<0.005	<0.02	1.9
N810672		50.9	161.5	<0.002	0.55	10.10	6.6	1	1.2	200	0.63	<0.05	8.7	0.263	3.13	4.0
N810673		508	103.5	<0.002	0.74	12.70	6.6	1	1.7	302	0.76	<0.05	10.6	0.246	1.95	6.6
N810674		30.9	66.1	<0.002	0.10	5.75	6.0	1	1.2	276	0.76	<0.05	9.7	0.236	1.23	4.6
N810675		43.2	104.0	<0.002	0.05	8.04	6.0	1	1.3	280	0.79	<0.05	9.4	0.256	2.07	4.6
N810676		2180	95.3	0.003	9.64	71.7	5.4	2	8.3	78.5	0.35	7.25	6.9	0.139	1.54	3.1
N810677		3.2	1.8	<0.002	0.03	0.11	0.2	1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810678		27.2	119.5	<0.002	0.05	3.30	11.7	1	1.9	356	0.65	<0.05	12.0	0.272	1.50	3.8
N810679		21.1	145.5	<0.002	0.17	4.24	11.1	1	2.2	285	0.65	<0.05	12.5	0.258	1.79	4.4
N810680		32.3	112.5	<0.002	0.10	4.75	11.7	1	1.6	311	0.66	<0.05	11.2	0.285	1.51	3.8
N810681		19.3	119.0	<0.002	0.15	2.08	11.2	1	1.6	358	0.63	<0.05	13.4	0.273	1.32	4.1
N810682		29.5	113.0	<0.002	0.03	1.72	10.7	1	1.4	369	0.59	<0.05	11.9	0.256	1.20	3.8
N810683		29.7	99.5	0.003	0.04	1.70	11.0	1	1.7	377	0.56	<0.05	10.4	0.269	1.31	3.1
N810684		444	137.5	0.003	1.41	9.68	10.6	1	3.6	256	0.53	<0.05	11.0	0.232	1.74	4.7
N810685		26.3	130.0	0.002	0.07	3.24	12.2	<1	1.8	329	0.60	<0.05	13.4	0.261	1.41	4.0
N810686		40.7	198.5	0.002	1.98	8.45	11.0	<1	3.3	115.0	0.55	<0.05	12.3	0.243	2.63	3.8
N810687		15.4	125.5	0.003	0.11	1.94	11.1	1	2.0	324	0.57	<0.05	12.0	0.257	1.34	3.6
N810688		16.7	103.5	0.002	0.08	1.49	12.6	1	2.2	378	0.64	<0.05	12.8	0.280	1.12	4.1
N810689		19.5	118.5	0.002	0.08	1.85	11.5	1	2.2	341	0.61	<0.05	12.7	0.260	1.38	4.2
N810690		24.8	110.5	0.003	0.09	1.10	11.7	1	2.3	351	0.66	<0.05	11.5	0.270	1.16	4.1
N810691		17.2	111.0	0.005	0.01	0.64	13.0	1	2.1	410	0.70	<0.05	14.4	0.284	0.97	4.8
N810692		17.3	94.5	<0.002	0.01	9.51	11.1	1	1.9	112.5	0.73	<0.05	9.7	0.321	1.85	2.8
N810693		1280	156.0	0.003	3.10	31.2	9.0	1	6.1	147.5	0.56	0.32	10.7	0.200	2.51	5.0
N810694		22.4	127.5	0.003	0.01	7.98	13.1	1	1.8	159.0	0.61	<0.05	13.7	0.282	1.73	3.3
N810695		22.2	107.0	0.002	0.02	10.00	12.2	<1	2.1	111.5	0.71	<0.05	8.7	0.296	1.89	2.6
N810696		18.1	112.0	0.004	0.02	4.76	12.0	1	1.8	247	0.63	<0.05	12.7	0.275	1.41	2.6
N810697		73.7	113.5	0.002	0.04	11.60	11.8	1	1.8	116.0	0.64	<0.05	11.2	0.289	2.04	4.6
N810698		13.8	64.2	0.005	0.02	16.65	8.0	1	1.3	344	0.74	<0.05	6.9	0.434	1.72	5.7
N810699		13.0	93.4	0.003	0.17	6.09	11.2	1	1.6	153.5	0.68	<0.05	12.5	0.264	1.66	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12176321

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N810664		48	4.2	9.0	>10000	27.6			1.535
N810665		74	1.7	16.3	84	29.1			
N810666		67	3.2	16.6	388	30.3			
N810667		71	1.5	17.8	53	33.2			
N810668		70	1.4	17.7	53	29.1			
N810669		71	2.1	15.5	86	28.4			
N810670		29	5.6	5.8	>10000	12.6	188	1.950	2.50
N810671		2	0.1	1.0	33	<0.5			
N810672		55	4.8	13.8	108	119.5			
N810673		48	4.9	15.4	399	110.5			
N810674		46	2.5	13.3	87	81.9			
N810675		51	1.7	13.6	90	86.5			
N810676		38	3.3	7.2	1630	18.8			
N810677		2	0.1	0.8	16	0.5			
N810678		75	1.3	17.0	62	27.8			
N810679		72	2.6	16.5	68	27.3			
N810680		83	2.0	17.0	70	29.3			
N810681		76	1.7	17.3	65	25.8			
N810682		71	1.3	16.8	53	30.7			
N810683		74	1.1	13.6	56	27.2			
N810684		65	4.7	13.7	180	26.9			
N810685		71	3.0	16.4	65	30.0			
N810686		68	3.2	12.7	169	27.1			
N810687		70	1.4	14.5	50	27.7			
N810688		80	1.5	16.5	54	31.0			
N810689		72	1.1	15.2	51	28.7			
N810690		73	0.9	15.4	60	29.7			
N810691		78	0.5	18.0	52	35.5			
N810692		85	1.5	11.9	93	56.5			
N810693		55	4.9	10.8	2800	36.9			
N810694		79	1.2	16.1	67	29.9			
N810695		91	2.1	11.5	140	30.6			
N810696		74	0.8	14.1	89	30.8			
N810697		71	1.5	13.0	336	56.6			
N810698		84	1.6	11.6	77	177.5			
N810699		65	1.0	10.2	50	35.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12176321

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176322

Project: Klaza-89

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

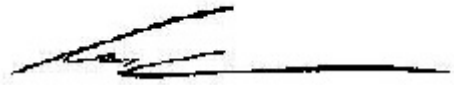
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12176322

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810362		0.23	0.583	9.95	6.34	1705	1040	1.56	6.54	1.82	44.4	44.6	16.9	17	16.45	109.0
N810363		5.00	0.009	0.32	6.99	23.0	3240	1.60	0.22	2.57	1.82	51.2	6.2	13	12.80	15.8
N810364		7.76	0.006	0.69	6.51	28.8	1670	1.74	0.40	7.34	1.84	55.8	8.0	12	14.25	30.5
N810365		3.82	<0.005	0.02	0.08	<5	50	0.09	0.03	20.7	0.08	1.17	0.6	1	0.14	1.7
N810366		5.98	<0.005	0.09	7.51	6.8	2070	1.55	0.16	2.44	0.16	45.7	6.2	13	7.98	6.9
N810367		<0.02	<0.005	0.14	7.30	7.2	2040	1.61	0.17	2.40	0.16	42.4	6.2	13	8.17	7.6
N810368		6.70	0.011	0.62	7.92	22.7	2300	1.58	0.62	2.38	2.31	50.5	8.2	25	10.65	17.3
N810369		4.19	0.005	0.99	7.05	32.9	1520	1.67	0.66	1.94	2.44	51.6	8.8	50	13.20	22.9
N810370		5.86	0.035	2.11	6.81	81.4	1220	1.58	1.09	2.53	17.30	48.3	11.2	21	17.60	28.5
N810371		11.16	0.007	0.43	7.12	24.7	1690	1.50	0.36	2.03	1.08	50.8	6.7	13	16.35	9.6
N810372		6.90	0.008	0.22	7.33	14.6	1930	1.31	0.31	1.56	0.36	46.6	6.8	12	13.65	14.5
N810373		5.00	<0.005	0.18	8.00	12.7	2320	1.40	0.26	1.31	0.21	54.7	6.9	11	15.25	13.1
N810374		5.22	<0.005	0.06	8.04	6.1	1830	1.31	0.11	0.99	0.08	57.7	7.4	14	18.30	12.2
N810375		2.92	0.007	0.05	7.71	6.8	1760	1.17	0.11	1.19	0.08	45.1	7.4	10	16.60	13.9
N810376		6.15	<0.005	0.15	5.36	16.3	1520	1.26	0.16	1.98	0.23	27.2	6.7	15	11.60	10.1
N810377		3.59	0.094	0.80	7.00	26.7	390	1.41	1.97	2.28	2.19	49.1	9.4	16	12.65	10.9
N810378		3.76	0.007	0.39	7.29	95.1	1890	2.14	0.49	3.84	0.78	33.7	23.7	285	21.8	32.4
N810379		5.14	<0.005	0.34	5.98	28	1360	1.11	0.19	10.25	0.76	39.1	8.0	44	12.20	18.1
N810380		6.56	<0.005	0.11	8.03	10.7	1770	1.54	0.12	4.45	0.15	35.2	17.5	233	9.59	27.3
N810381		4.22	<0.005	0.14	6.84	14.4	1700	1.43	0.17	2.84	0.21	43.8	6.9	21	9.13	22.5
N810382		0.24	0.768	9.95	6.34	1685	950	1.35	6.12	1.83	44.2	46.5	17.2	18	16.30	108.0
N810383		6.60	<0.005	0.17	6.98	6.9	1980	1.42	0.10	2.61	0.10	44.3	6.8	22	9.10	15.0
N810384		5.34	<0.005	0.15	5.86	8.2	1650	1.13	0.11	2.16	0.15	34.1	6.8	14	10.10	17.3
N810385		5.95	<0.005	0.12	6.40	9.8	1500	1.16	0.09	6.15	0.45	46.2	6.3	17	15.15	18.1
N810386		6.01	<0.005	0.08	6.95	6.4	1870	1.52	0.10	2.40	0.10	46.4	7.0	13	10.40	11.3
N810387		6.97	<0.005	0.06	7.10	5.0	2010	1.34	0.08	2.37	0.07	50.8	6.5	37	7.42	14.1
N810388		5.19	0.005	0.20	6.58	16.5	1600	1.28	0.14	3.15	0.15	43.7	8.8	15	16.25	12.0
N810389		12.05	<0.005	0.08	7.27	4.8	1990	1.46	0.09	2.60	0.42	49.6	7.3	16	7.10	13.9
N810390		8.36	<0.005	0.10	7.65	4.8	2060	1.58	0.10	2.95	0.53	51.4	7.9	13	8.51	15.2
N810391		3.91	0.006	0.16	6.81	20.6	1850	1.46	0.17	2.46	0.26	51.8	7.3	13	18.15	10.0
N810392		2.44	<0.005	0.02	0.12	6	30	0.05	0.04	20.5	0.08	1.40	0.6	1	0.20	1.9
N810393		4.18	<0.005	0.12	7.57	8.2	2000	1.57	0.12	2.90	0.12	46.9	7.1	15	13.25	11.3
N810394		4.10	0.008	0.14	7.11	8.6	1980	1.37	0.27	2.76	0.11	46.5	7.4	12	9.54	11.0
N810395		6.41	0.009	0.28	7.37	12.6	1970	1.45	0.19	2.08	0.49	51.1	7.0	16	18.45	11.6
N810396		6.50	<0.005	0.30	7.46	13.9	1790	1.60	0.15	2.52	0.33	47.3	8.1	12	17.75	18.9
N810397		7.29	<0.005	0.28	6.95	10.1	1630	1.30	0.14	2.18	0.22	43.3	7.0	14	18.65	6.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12176322

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810362		5.10	14.80	0.16	1.4	0.897	2.62	23.7	27.2	0.67	1880	12.05	0.25	7.0	15.8	480
N810363		2.95	15.60	0.12	1.7	0.061	2.53	28.3	43.2	0.82	969	1.27	0.08	7.6	2.9	550
N810364		2.67	14.50	0.18	1.5	0.065	2.39	31.6	20.2	0.75	1740	2.01	0.06	6.4	3.5	490
N810365		0.46	0.22	0.18	<0.1	0.008	0.03	0.6	1.3	12.85	208	0.63	<0.01	0.1	1.7	180
N810366		2.76	16.25	0.15	1.6	0.041	3.00	22.2	16.8	0.66	490	4.73	1.54	7.7	2.8	580
N810367		2.66	16.55	0.17	1.7	0.040	2.85	21.4	17.5	0.64	469	6.06	1.49	8.2	3.0	570
N810368		3.37	16.70	0.14	1.6	0.082	3.06	26.6	32.9	0.76	866	5.11	0.31	8.4	3.8	640
N810369		4.08	16.45	0.13	1.4	0.106	2.77	27.1	21.1	0.84	1610	3.27	1.00	7.6	15.1	570
N810370		4.08	14.55	0.14	1.4	0.315	2.61	27.6	27.2	0.91	1840	13.80	0.07	6.6	5.5	480
N810371		2.83	15.20	0.11	1.4	0.066	2.52	26.8	39.9	0.71	1090	3.44	0.08	7.4	3.5	570
N810372		2.89	15.95	0.08	1.6	0.044	2.07	23.9	36.2	0.56	866	3.84	0.06	7.5	3.1	590
N810373		2.94	17.00	0.12	1.6	0.042	2.03	29.9	42.9	0.51	784	2.92	0.07	8.2	3.0	650
N810374		2.83	18.25	0.13	1.8	0.036	2.66	32.2	33.2	0.35	524	2.97	0.10	8.7	3.3	640
N810375		2.79	17.60	0.14	1.7	0.031	2.58	22.5	32.5	0.35	566	2.94	0.09	8.3	3.2	620
N810376		2.48	15.65	0.29	1.6	0.042	1.82	11.3	51.5	0.43	699	4.84	0.06	7.9	3.9	570
N810377		4.92	15.55	0.12	1.4	0.094	2.64	25.6	27.6	0.74	749	8.96	0.40	7.0	6.8	550
N810378		4.16	15.70	0.14	2.0	0.081	2.55	16.2	47.2	1.37	1640	1.92	0.09	5.6	66.4	560
N810379		2.58	11.95	0.10	1.2	0.028	1.86	24.3	37.7	0.96	1310	1.94	0.07	5.2	14.2	460
N810380		3.83	16.05	0.10	2.1	0.037	1.65	16.5	59.6	2.08	951	1.72	0.23	6.7	60.9	670
N810381		2.74	16.05	0.09	1.5	0.040	2.42	21.3	17.8	0.79	737	1.81	1.73	7.3	6.7	550
N810382		5.10	15.30	0.15	1.4	0.925	2.59	24.2	26.7	0.67	1880	12.45	0.25	6.9	15.9	490
N810383		2.79	15.80	0.11	1.7	0.032	2.50	22.2	13.7	0.78	555	2.02	2.08	7.4	4.6	570
N810384		2.40	15.75	0.22	1.4	0.044	2.41	14.8	23.1	0.47	569	1.51	0.90	7.5	3.7	540
N810385		2.38	14.45	0.14	1.3	0.034	2.34	24.3	36.9	0.72	1040	1.51	0.09	6.9	3.1	520
N810386		2.64	16.35	0.15	1.5	0.038	2.52	23.8	17.0	0.71	540	1.04	1.85	7.3	3.0	560
N810387		2.76	15.65	0.13	1.4	0.032	2.53	26.2	13.6	0.80	538	2.98	1.99	7.5	3.1	550
N810388		2.78	15.20	0.11	1.4	0.046	2.41	20.8	19.2	0.82	785	1.12	0.93	7.0	3.0	540
N810389		2.87	16.10	0.12	1.4	0.037	2.58	24.2	12.1	0.79	622	1.75	2.11	7.5	3.0	590
N810390		3.03	16.80	0.13	1.5	0.039	2.53	25.4	14.3	0.87	715	1.80	2.29	7.7	3.7	630
N810391		2.93	16.05	0.14	1.5	0.055	2.54	26.5	20.4	0.75	1160	2.06	0.87	7.3	3.0	530
N810392		0.51	0.30	0.10	<0.1	0.006	0.04	0.7	1.2	12.75	226	0.17	0.02	0.2	1.9	180
N810393		3.00	16.80	0.17	1.5	0.044	2.77	22.6	14.7	0.78	924	1.50	1.98	7.7	2.9	600
N810394		2.84	15.60	0.14	1.5	0.042	2.63	23.3	10.0	0.77	818	1.87	2.06	7.2	2.8	550
N810395		2.85	17.50	0.14	1.5	0.084	2.68	27.3	25.6	0.64	1030	2.06	0.63	8.1	3.1	580
N810396		2.99	17.45	0.17	1.6	0.052	2.87	25.1	21.8	0.76	1230	1.42	1.22	8.4	3.3	590
N810397		2.80	16.55	0.13	1.6	0.032	2.52	21.8	29.0	0.69	1060	1.58	0.11	7.7	3.2	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12176322

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810362		1280	153.0	0.004	3.09	31.8	9.0	1	6.1	147.0	0.56	0.33	10.4	0.203	2.27	4.9
N810363		104.0	102.5	0.002	0.35	7.56	10.3	2	2.3	166.0	0.74	<0.05	13.0	0.236	1.54	5.1
N810364		105.0	114.5	0.003	0.40	12.40	9.5	1	2.4	177.5	0.56	<0.05	12.3	0.203	1.63	11.1
N810365		1.8	1.2	0.003	0.01	0.08	0.2	<1	0.3	51.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N810366		20.9	110.5	0.002	0.07	3.58	9.7	1	1.9	284	0.74	<0.05	14.6	0.259	1.20	3.9
N810367		21.3	110.0	0.002	0.07	3.83	10.1	<1	2.0	278	0.75	<0.05	13.4	0.248	1.17	3.6
N810368		93.2	118.5	0.005	0.49	6.98	11.5	1	2.5	144.5	0.69	0.08	14.4	0.283	1.57	3.7
N810369		136.5	136.5	0.003	0.34	6.01	12.8	1	2.8	205	0.61	<0.05	11.8	0.261	1.86	5.1
N810370		183.0	142.0	0.003	1.41	11.40	9.7	1	2.7	83.0	0.60	0.31	13.1	0.214	2.16	4.4
N810371		70.6	108.0	0.003	0.28	12.95	10.3	1	1.9	88.3	0.66	0.05	13.2	0.244	1.47	3.9
N810372		31.7	83.0	0.004	0.19	15.75	10.6	<1	1.9	68.1	0.67	<0.05	13.1	0.255	1.13	2.5
N810373		14.5	103.5	0.002	0.15	20.3	11.8	1	2.0	84.6	0.69	<0.05	14.8	0.268	1.06	3.6
N810374		14.7	131.5	<0.002	0.01	14.45	11.7	1	2.1	74.9	0.73	<0.05	15.9	0.278	1.18	2.7
N810375		15.9	121.0	<0.002	0.01	14.35	11.4	1	2.1	80.7	0.73	<0.05	13.8	0.268	1.14	2.4
N810376		12.5	35.5	0.002	0.11	21.1	8.2	1	1.9	85.9	0.73	<0.05	7.7	0.253	1.14	2.6
N810377		92.4	124.0	0.003	3.13	5.89	10.0	1	3.1	132.0	0.61	0.27	12.7	0.233	1.46	4.9
N810378		63.0	114.5	0.004	0.55	16.95	22.2	<1	1.4	117.5	0.42	<0.05	5.5	0.336	1.86	5.9
N810379		51.9	86.6	0.004	0.35	11.95	9.5	1	1.6	251	0.43	<0.05	9.8	0.195	1.13	8.1
N810380		16.1	45.6	0.002	0.06	14.40	18.6	1	1.5	193.0	0.53	<0.05	6.4	0.339	0.90	3.4
N810381		23.7	92.2	0.003	0.32	3.71	9.7	1	2.0	291	0.63	<0.05	12.5	0.239	1.26	4.2
N810382		1275	155.0	0.003	3.10	30.8	8.6	1	6.2	146.0	0.56	0.28	11.3	0.199	2.52	5.2
N810383		19.5	101.0	0.002	0.05	1.96	9.7	<1	2.0	356	0.68	<0.05	12.6	0.250	1.03	4.3
N810384		19.1	73.3	0.003	0.08	6.52	8.0	<1	2.2	179.0	0.65	<0.05	10.0	0.241	1.21	2.7
N810385		36.8	87.3	0.002	0.08	7.74	8.4	1	3.1	151.5	0.57	<0.05	12.0	0.220	1.24	3.1
N810386		18.2	105.0	0.002	0.04	2.47	9.6	1	2.2	318	0.61	<0.05	12.2	0.242	1.20	4.6
N810387		16.3	113.0	0.002	0.03	1.89	9.8	<1	2.2	344	0.64	<0.05	13.7	0.243	1.07	4.4
N810388		16.5	88.3	0.002	0.22	4.18	9.2	1	2.3	192.5	0.63	<0.05	11.4	0.231	1.26	3.4
N810389		20.0	98.1	0.003	0.03	1.49	9.8	<1	2.3	347	0.65	<0.05	12.5	0.255	1.09	4.0
N810390		17.3	104.0	0.002	0.04	1.73	11.1	1	2.1	374	0.68	<0.05	12.7	0.270	1.05	4.5
N810391		20.3	118.0	0.002	0.23	9.09	9.9	<1	2.0	174.0	0.63	<0.05	13.4	0.232	1.51	4.8
N810392		1.7	1.8	<0.002	0.02	0.07	0.2	<1	0.2	49.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
N810393		17.1	102.0	0.004	0.10	1.88	9.6	1	1.8	331	0.71	<0.05	12.8	0.259	1.32	4.4
N810394		17.1	102.5	0.002	0.18	1.52	9.1	1	1.7	342	0.67	<0.05	12.3	0.240	1.21	4.2
N810395		56.5	119.0	0.002	0.18	10.70	10.7	<1	1.9	158.0	0.70	<0.05	14.6	0.247	1.38	4.2
N810396		61.4	125.5	0.002	0.19	8.29	10.4	1	2.0	228	0.75	<0.05	13.9	0.258	1.54	4.9
N810397		17.1	88.3	0.002	0.09	13.55	10.3	1	1.7	93.5	0.65	<0.05	12.7	0.244	1.30	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12176322

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810362		55	5.0	10.4	2810	36.8
N810363		62	3.5	12.7	172	37.3
N810364		56	1.7	17.9	148	34.4
N810365		3	0.1	0.7	15	0.5
N810366		68	3.5	13.7	41	37.6
N810367		65	3.1	14.1	38	43.4
N810368		76	5.0	14.7	189	41.5
N810369		77	4.6	13.1	234	40.6
N810370		60	3.9	11.4	1200	32.5
N810371		65	6.3	13.4	125	34.5
N810372		69	10.0	13.6	65	38.4
N810373		70	7.6	16.3	52	39.5
N810374		73	4.6	15.6	38	44.6
N810375		71	4.6	13.4	38	41.2
N810376		68	6.9	9.5	52	37.8
N810377		65	2.6	11.4	174	35.3
N810378		145	3.8	15.6	132	62.3
N810379		64	2.2	16.3	107	31.6
N810380		125	4.2	13.0	79	61.0
N810381		67	1.2	12.9	62	40.2
N810382		54	5.2	11.4	2780	37.9
N810383		69	0.6	14.7	44	44.1
N810384		66	2.5	10.4	43	32.5
N810385		59	3.3	16.0	73	32.9
N810386		65	0.7	14.2	40	43.6
N810387		66	1.2	15.2	38	35.1
N810388		64	2.0	14.7	46	33.8
N810389		68	0.8	15.5	62	39.5
N810390		76	1.0	16.7	73	36.6
N810391		66	1.7	15.2	66	37.7
N810392		3	0.1	0.9	17	0.6
N810393		70	1.2	14.8	50	39.2
N810394		65	1.1	13.5	47	36.3
N810395		65	2.6	16.0	69	44.3
N810396		71	1.7	15.3	69	43.4
N810397		70	2.2	15.1	57	45.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12176322

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176323

Project: Klaza-89/92

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89/92

CERTIFICATE OF ANALYSIS WH12176323

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810398		5.64	0.018	1.23	7.16	62.9	1220	1.73	0.45	1.73	10.30	46.0	7.1	9	18.25	25.4
N810399		3.28	<0.005	0.05	0.06	<5	20	0.05	0.03	20.1	0.07	1.07	0.6	<1	0.15	2.2
N810400		5.61	<0.005	0.23	6.94	10.4	1690	1.45	0.16	2.46	0.26	37.0	6.8	11	16.40	12.0
N812001		3.71	0.018	0.69	7.08	44.6	2900	1.50	0.22	2.21	2.61	40.6	7.1	10	17.70	18.0
N812002		6.34	0.008	0.22	6.50	13.7	1580	1.39	0.22	2.49	0.16	33.5	6.7	11	16.35	12.6
N812003		10.86	<0.005	0.62	7.10	8.4	1610	2.07	0.17	3.01	0.20	54.3	5.5	13	21.2	10.6
N812004		0.26	0.835	9.53	6.32	1715	310	1.46	5.80	1.78	37.4	37.6	16.6	20	14.65	108.0
N812005		9.82	<0.005	0.88	6.95	12.1	2370	2.05	0.22	2.64	0.30	59.1	5.8	12	20.7	6.4
N812006		10.86	<0.005	0.22	6.75	8.4	1980	1.50	0.23	2.38	0.13	39.7	7.6	12	8.03	11.8
N812007		5.35	0.007	0.74	6.73	22.9	2380	1.51	0.21	2.53	0.80	44.1	7.6	11	13.95	12.9
N812008		9.09	<0.005	0.79	6.74	12.6	2170	1.49	0.34	2.39	0.13	49.9	8.4	12	7.03	9.8
N812009		7.52	0.020	0.35	7.56	10.3	2240	1.58	0.66	2.51	0.19	49.1	8.6	13	7.83	24.9
N812010		6.24	<0.005	0.16	7.63	6.9	2320	1.47	0.16	2.49	0.12	44.3	7.6	13	6.98	12.9
N812011		2.91	0.008	0.80	6.98	20.8	680	1.41	1.05	2.86	36.7	36.0	9.5	10	8.65	20.3
N812012		0.26	2.32	27.0	5.84	3250	1200	1.27	18.80	2.07	71.8	40.1	10.9	18	12.90	417
N812013		3.92	0.012	0.52	7.57	16.8	2360	1.54	0.38	2.35	0.36	42.3	10.0	15	6.86	34.0
N812014		6.99	0.013	0.40	7.33	19.1	2150	1.58	0.77	2.20	0.26	42.0	14.4	11	7.63	51.2
N812015		3.53	<0.005	0.19	7.81	9.4	2400	1.56	0.28	2.49	0.18	43.0	7.7	12	6.37	25.6
N812016		5.76	0.007	0.11	7.24	7.0	2160	1.56	0.14	2.48	0.12	42.8	7.7	14	5.00	17.4
N812017		3.43	<0.005	0.10	7.45	7.1	2570	1.58	0.34	2.53	0.12	49.5	6.9	10	7.70	26.5
N812018		2.15	0.006	0.13	7.67	10.3	2740	1.64	0.52	2.55	0.15	53.3	8.3	11	9.52	43.5
N812019		4.79	0.013	0.65	7.43	20.4	2140	1.52	1.38	2.11	10.05	50.7	7.2	8	16.90	109.0
N812020		6.55	0.017	0.62	6.45	40.5	3560	1.87	1.90	2.83	0.78	40.8	11.1	8	20.7	107.5
N812021		2.27	<0.005	0.05	0.09	<5	40	0.06	0.03	20.4	0.07	1.40	0.6	1	0.32	3.4
N812022		8.36	0.009	0.29	7.38	20.2	2090	1.71	1.45	2.23	0.15	52.1	9.2	10	15.60	58.2
N812023		3.57	0.028	3.31	7.24	103.0	450	1.58	1.58	1.94	16.40	48.6	10.5	8	13.75	32.7
N812024		6.33	0.351	5.78	7.34	186.0	470	1.32	4.59	1.44	4.82	56.1	7.9	10	11.35	401
N812025		4.51	0.104	25.0	7.06	96.9	870	1.71	39.9	2.18	52.3	63.3	12.8	8	18.25	346
N812026		5.35	0.069	3.98	7.07	104.5	1490	1.42	5.86	2.45	8.86	48.5	6.1	8	21.1	47.7
N812027		3.17	0.035	0.48	7.51	269	2160	1.87	0.50	2.89	0.19	48.0	7.1	12	16.95	25.5
N812028		<0.02	0.031	0.35	7.55	248	2190	1.78	0.44	2.91	0.15	49.2	7.3	12	17.15	26.8
N812029		5.59	0.396	5.47	7.19	217	540	1.53	2.88	2.30	33.9	51.6	7.3	9	16.60	44.3
N812030		7.21	0.019	0.64	7.51	61.1	1390	1.61	0.88	2.47	3.12	49.6	7.5	9	25.1	24.5
N812031		6.30	<0.005	0.14	7.62	7.1	2270	1.89	0.21	2.79	0.16	50.8	7.6	12	9.86	23.2
N812032		7.52	0.010	0.21	7.60	31.2	2100	1.59	1.49	2.70	0.38	46.4	7.6	13	13.35	22.6
N812033		2.17	0.012	0.25	7.35	16.5	1790	1.46	0.54	2.05	0.98	50.5	6.4	9	17.55	22.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89/92

CERTIFICATE OF ANALYSIS WH12176323

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810398		4.48	14.75	0.10	1.5	0.456	2.83	26.7	12.8	0.90	2620	0.87	0.05	7.4	3.6	550
N810399		0.43	0.18	0.09	<0.1	0.005	0.02	0.6	0.8	12.25	190	0.10	<0.01	0.1	1.5	170
N810400		2.84	14.95	0.12	1.6	0.042	2.63	19.0	16.8	0.65	887	1.06	1.08	7.8	3.0	580
N812001		3.34	13.95	0.10	1.4	0.186	2.61	23.4	20.6	0.86	1650	5.77	0.24	6.7	3.0	540
N812002		2.70	14.50	0.09	1.3	0.055	2.54	17.2	27.8	0.70	1020	0.73	1.54	7.5	2.9	550
N812003		2.49	17.40	0.10	2.7	0.025	2.38	29.0	36.0	0.81	964	1.77	0.21	11.2	3.9	880
N812004		5.14	13.85	0.09	1.4	0.799	2.64	20.4	23.7	0.65	1910	11.45	0.25	7.1	15.5	480
N812005		2.58	17.10	0.12	2.6	0.031	1.96	32.3	43.5	0.80	1350	1.89	0.06	11.1	3.7	840
N812006		2.83	15.60	0.08	1.6	0.034	2.43	19.4	14.2	0.73	663	1.13	1.95	8.1	3.2	610
N812007		2.92	14.65	0.10	1.4	0.035	2.47	23.2	24.9	0.80	1060	1.42	1.41	7.9	4.5	560
N812008		2.75	15.60	0.13	1.5	0.039	2.51	27.9	10.0	0.73	615	1.28	2.10	7.9	4.0	570
N812009		3.20	16.60	0.09	1.3	0.058	2.51	26.9	9.8	0.91	673	2.22	2.12	8.4	3.8	620
N812010		3.08	15.60	0.10	1.2	0.043	2.46	24.1	9.9	0.95	645	1.86	2.32	7.8	3.3	620
N812011		4.02	14.65	0.12	1.1	0.329	2.51	18.9	9.3	0.62	756	1.44	1.21	7.1	3.2	570
N812012		6.55	13.15	0.10	1.0	1.500	2.42	23.5	22.2	0.87	1800	11.90	0.05	5.6	15.4	430
N812013		3.12	15.00	0.11	1.1	0.070	2.59	23.1	10.3	0.91	672	1.58	2.29	7.6	3.5	620
N812014		3.10	14.95	0.11	1.2	0.122	2.38	23.5	11.6	0.88	718	3.62	2.21	7.7	3.2	610
N812015		3.20	15.15	0.10	1.2	0.071	2.52	24.3	12.0	0.98	715	4.63	2.37	7.7	3.1	630
N812016		3.01	15.40	0.09	1.2	0.041	2.40	23.1	7.8	0.86	632	5.25	2.30	7.5	3.3	620
N812017		3.11	16.40	0.14	1.1	0.064	2.69	24.4	9.1	0.86	627	4.37	2.27	7.8	3.1	620
N812018		3.19	17.85	0.16	1.1	0.075	2.86	26.8	9.7	0.82	636	3.92	2.02	8.4	3.2	630
N812019		3.56	16.00	0.15	1.2	0.319	2.71	28.2	14.6	0.81	811	1.78	0.81	7.2	2.9	550
N812020		3.39	15.60	0.14	0.9	0.306	2.59	20.8	16.0	0.80	1200	2.58	0.16	7.1	2.7	520
N812021		0.46	0.22	0.11	<0.1	0.006	0.03	0.7	1.1	12.90	206	0.13	0.01	0.2	1.6	170
N812022		2.84	17.10	0.19	1.2	0.175	2.60	27.2	17.4	0.73	586	2.41	1.11	7.8	2.9	580
N812023		4.24	17.05	0.17	1.0	0.233	3.28	25.2	9.6	0.70	1220	11.05	0.48	7.6	3.2	570
N812024		4.35	15.95	0.15	1.0	0.492	3.03	29.4	15.1	0.54	973	15.55	0.55	7.4	3.0	580
N812025		4.89	16.80	0.19	0.9	1.145	3.11	33.1	13.6	0.92	2460	18.80	0.09	7.5	3.1	730
N812026		3.93	16.25	0.14	0.9	0.252	2.90	24.7	16.1	0.91	1940	3.11	0.09	7.2	3.0	550
N812027		3.06	17.25	0.17	1.0	0.085	2.89	23.9	9.1	0.71	785	2.70	1.87	8.5	3.8	620
N812028		3.06	18.10	0.17	1.1	0.086	2.91	23.9	9.3	0.72	787	2.51	1.89	8.9	3.2	630
N812029		4.74	16.55	0.16	1.0	0.663	3.02	27.2	20.2	0.83	1280	2.29	0.08	7.7	2.9	580
N812030		3.30	18.30	0.15	1.0	0.135	2.99	25.6	25.3	0.84	1080	5.62	0.07	8.6	3.0	610
N812031		3.04	18.10	0.14	1.2	0.052	2.71	25.3	10.3	0.81	638	4.05	2.40	8.9	3.0	600
N812032		3.06	17.20	0.15	0.9	0.078	2.48	23.9	9.1	0.77	646	5.28	2.44	8.3	3.2	610
N812033		2.95	16.85	0.15	0.9	0.077	2.88	26.5	15.9	0.62	833	2.45	1.10	7.8	2.6	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89/92

CERTIFICATE OF ANALYSIS WH12176323

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810398		306	149.5	<0.002	0.74	14.50	9.4	<1	3.2	61.0	0.66	<0.05	14.1	0.228	2.32	5.4
N810399		1.8	1.3	<0.002	0.01	<0.05	0.2	<1	0.3	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810400		21.7	92.5	<0.002	0.07	7.30	9.4	<1	1.9	215	0.67	<0.05	11.2	0.246	1.28	3.4
N812001		83.8	115.5	<0.002	0.51	14.10	9.3	<1	2.2	119.5	0.60	0.08	12.8	0.230	1.77	4.2
N812002		19.5	86.5	<0.002	0.09	5.66	8.6	1	2.0	293	0.63	<0.05	10.1	0.240	1.13	3.1
N812003		23.4	72.3	<0.002	0.03	11.30	5.7	1	2.3	259	0.80	<0.05	9.2	0.263	1.13	4.8
N812004		1275	130.0	<0.002	3.05	35.1	8.2	1	5.6	141.0	0.59	0.29	10.3	0.206	2.33	4.4
N812005		55.5	64.5	<0.002	0.07	16.30	5.9	1	1.7	143.0	0.77	<0.05	9.1	0.240	0.95	4.5
N812006		19.6	83.1	<0.002	0.03	2.26	9.1	1	2.1	351	0.68	<0.05	10.6	0.249	0.91	3.4
N812007		42.1	87.5	<0.002	0.18	7.45	9.1	1	2.1	271	0.66	<0.05	10.9	0.243	1.14	3.3
N812008		17.9	95.3	<0.002	0.09	2.45	9.3	1	1.9	358	0.65	0.05	12.5	0.242	1.07	3.4
N812009		19.3	97.0	<0.002	0.47	1.65	11.1	1	2.0	396	0.72	0.21	12.7	0.263	1.09	4.1
N812010		17.1	85.2	<0.002	0.07	1.07	10.5	1	1.7	472	0.66	0.07	12.1	0.266	1.03	3.6
N812011		242	104.5	<0.002	2.36	2.86	9.6	1	2.7	256	0.59	0.27	10.3	0.242	1.42	3.4
N812012		2670	142.5	<0.002	4.78	87.7	7.6	1	7.6	90.9	0.46	0.43	10.1	0.176	2.29	4.9
N812013		26.5	90.5	<0.002	0.23	2.97	10.1	1	1.8	465	0.63	0.10	11.9	0.268	1.06	3.8
N812014		30.4	93.6	<0.002	0.38	3.54	9.8	1	2.5	331	0.69	0.14	12.6	0.257	1.16	2.7
N812015		20.7	95.2	<0.002	0.11	3.37	10.3	1	2.5	444	0.65	0.05	12.2	0.264	1.00	3.6
N812016		16.4	81.2	<0.002	0.03	1.09	10.0	1	1.9	431	0.65	<0.05	11.4	0.254	0.90	3.1
N812017		19.4	98.0	<0.002	0.24	1.67	10.7	1	2.1	408	0.71	0.09	14.6	0.265	1.13	3.9
N812018		20.2	117.0	<0.002	0.38	2.14	11.7	2	2.4	362	0.68	0.12	15.5	0.264	1.23	4.2
N812019		174.5	150.5	<0.002	1.03	8.83	9.8	<1	5.5	146.0	0.70	0.46	17.5	0.223	2.12	5.6
N812020		20.0	125.5	<0.002	0.73	14.65	9.9	1	2.7	118.5	0.60	0.46	12.4	0.219	2.15	3.7
N812021		1.6	1.9	<0.002	0.01	0.14	0.2	1	<0.2	44.6	<0.05	<0.05	0.2	<0.005	0.04	0.5
N812022		13.2	115.5	0.002	0.60	5.20	10.5	1	2.9	195.0	0.71	0.56	14.7	0.238	1.63	7.0
N812023		785	188.5	0.011	3.08	6.26	10.8	2	4.2	113.0	0.63	0.38	15.1	0.236	2.54	4.5
N812024		231	158.0	0.014	2.44	19.95	10.3	1	3.5	120.5	0.68	0.45	14.8	0.243	2.10	4.9
N812025		367	204	0.024	2.48	16.55	10.5	1	5.6	108.5	0.62	0.27	13.8	0.224	3.12	7.2
N812026		193.5	135.5	0.003	1.96	10.70	9.9	1	3.3	87.5	0.63	0.14	14.3	0.232	2.51	5.4
N812027		22.2	119.5	<0.002	0.35	5.04	11.0	1	1.9	349	0.77	0.08	13.8	0.266	1.74	4.5
N812028		20.8	120.0	<0.002	0.35	5.15	11.5	1	2.1	351	0.81	0.09	13.9	0.271	1.66	4.4
N812029		1830	166.0	<0.002	3.04	9.33	10.6	1	5.9	100.0	0.68	0.29	14.1	0.242	2.61	4.9
N812030		129.0	139.5	0.003	0.80	9.23	11.4	1	2.7	117.0	0.77	0.17	14.5	0.262	2.23	6.4
N812031		21.3	103.0	<0.002	0.07	1.22	11.1	1	1.9	401	0.82	<0.05	15.3	0.271	1.08	4.8
N812032		24.9	92.3	0.005	0.32	3.43	10.8	2	2.9	370	0.75	0.77	13.7	0.263	1.07	4.8
N812033		36.0	129.0	<0.002	0.18	7.16	10.5	1	2.2	211	0.69	0.05	14.7	0.250	1.70	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89/92

CERTIFICATE OF ANALYSIS WH12176323

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N810398		62	3.0	11.3	908	37.2
N810399		2	0.1	0.7	14	<0.5
N810400		66	1.4	13.5	68	38.3
N812001		64	2.4	13.1	303	34.0
N812002		64	1.4	12.1	51	36.4
N812003		50	1.6	11.6	95	80.1
N812004		55	4.8	10.3	2920	36.4
N812005		46	1.9	12.6	103	82.2
N812006		68	1.4	13.8	45	41.1
N812007		65	1.9	12.5	98	35.7
N812008		64	1.5	14.1	45	38.4
N812009		72	2.0	17.5	51	29.5
N812010		72	1.4	16.0	46	25.8
N812011		67	2.5	13.4	2770	25.4
N812012		53	5.0	9.4	5180	24.4
N812013		73	1.4	15.7	56	26.9
N812014		68	1.8	15.1	66	28.4
N812015		71	1.4	16.8	51	26.1
N812016		72	1.3	15.1	44	26.8
N812017		73	1.7	16.4	45	30.0
N812018		73	1.8	17.2	49	32.8
N812019		59	2.9	11.8	745	31.3
N812020		63	2.6	12.9	100	26.1
N812021		2	0.1	0.8	16	<0.5
N812022		67	2.1	14.3	54	36.3
N812023		66	4.2	13.1	1310	30.6
N812024		67	4.5	12.6	402	28.4
N812025		65	3.7	15.8	4540	27.7
N812026		66	6.5	12.9	810	26.3
N812027		72	4.0	16.1	55	31.1
N812028		74	3.9	17.1	52	32.0
N812029		68	5.9	14.0	2250	27.4
N812030		72	4.5	16.5	268	28.9
N812031		73	2.1	17.8	50	32.2
N812032		72	2.1	16.6	62	25.1
N812033		69	2.6	15.7	120	27.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-89/92

CERTIFICATE OF ANALYSIS WH12176323

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176324

Project: Klaza-90

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

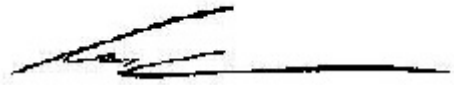
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176324

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813668		2.28	<0.005	0.09	7.16	4.6	1620	1.41	0.06	2.75	0.18	51.9	8.2	11	12.60	8.3
N813669		1.78	0.007	1.08	6.55	29.2	1040	1.14	0.98	2.21	0.61	53.4	6.0	19	18.10	16.0
N813670		2.43	<0.005	0.01	0.10	<5	50	<0.05	0.04	20.7	0.07	1.60	0.7	2	0.31	2.6
N813671		4.24	<0.005	0.06	7.49	3.9	1780	1.51	0.08	2.91	0.09	52.1	8.8	15	8.76	6.9
N813672		5.04	<0.005	0.05	7.61	4.1	1960	1.42	0.13	3.27	0.11	46.2	9.0	13	8.72	7.7
N813673		4.12	<0.005	0.07	7.75	3.6	2000	1.54	0.07	3.07	0.07	50.6	9.6	14	6.54	9.3
N813674		<0.02	<0.005	0.05	7.55	3.5	2010	1.42	0.06	3.06	0.08	45.5	9.0	17	6.03	7.1
N813675		5.61	<0.005	0.05	7.44	2.1	1970	1.60	0.07	2.92	0.06	48.0	8.7	12	3.95	6.4
N813676		6.05	<0.005	0.05	7.99	3.1	2070	1.39	0.09	3.08	0.07	54.0	8.7	17	5.12	7.5
N813677		2.87	<0.005	0.06	7.87	2.9	2060	1.53	0.09	3.10	0.06	52.3	8.8	11	5.91	8.5
N813678		5.72	<0.005	0.04	7.47	2.8	1970	1.44	0.10	2.96	0.08	51.0	9.0	15	8.78	6.5
N813679		5.82	<0.005	0.34	8.00	3.9	1960	1.46	7.57	3.11	0.21	50.0	9.4	13	15.55	31.8
N813680		3.02	<0.005	0.07	7.31	4.4	2040	1.46	0.46	2.87	0.10	39.2	9.1	15	13.15	14.5
N813681		2.16	<0.005	0.35	6.86	13.3	1000	1.18	0.57	5.23	0.51	41.6	8.6	10	13.90	16.7
N813682		0.24	0.747	10.25	6.62	1750	1080	1.40	6.71	1.90	44.2	46.2	17.5	17	16.65	112.5
N813683		1.89	<0.005	0.07	6.89	7.2	1260	1.24	0.40	4.66	0.24	44.7	8.5	10	14.20	7.1
N813684		4.23	<0.005	0.03	7.98	3.6	2180	1.40	0.25	3.12	0.06	48.8	8.6	14	13.40	5.7
N813685		2.86	<0.005	0.05	7.80	3.3	2170	1.34	0.32	3.08	0.06	49.3	8.9	21	11.25	8.7
N813686		1.83	<0.005	0.41	7.35	23.5	1330	1.31	0.54	3.14	0.37	44.6	8.3	11	14.75	23.1
N813687		4.15	<0.005	0.22	7.53	4.5	2060	1.60	0.62	2.99	0.07	42.4	8.8	14	9.44	13.6
N813688		2.78	<0.005	0.18	7.26	7.0	1490	1.52	0.92	2.92	0.08	38.0	8.2	12	11.10	13.5
N813689		1.51	0.017	3.64	7.40	84.4	830	1.43	1.02	2.73	1.25	43.3	7.5	23	24.0	76.2
N813690		2.37	<0.005	0.11	0.07	<5	20	0.05	0.07	20.2	0.05	1.20	0.6	<1	0.18	3.8
N813691		4.31	<0.005	0.07	7.50	2.4	2120	1.66	0.35	2.81	0.06	49.3	8.0	14	7.99	9.8
N813692		5.65	<0.005	0.05	7.28	3.3	2080	1.67	0.31	2.92	0.04	44.1	8.1	16	9.62	8.2
N813693		0.23	0.666	10.25	6.81	1855	350	1.62	5.88	1.89	41.6	40.7	17.0	19	16.15	107.0
N813694		5.85	<0.005	0.23	7.55	5.2	2120	1.79	0.39	2.92	0.10	42.7	8.6	14	5.55	5.6
N813695		5.54	0.119	0.07	7.46	3.5	2090	1.65	0.30	2.85	0.12	41.3	8.4	14	6.31	6.8
N813696		5.09	<0.005	0.06	7.47	3.3	2080	1.61	0.23	2.91	0.09	42.1	8.4	14	6.84	6.3
N813697		4.57	<0.005	0.06	7.72	3.1	2080	1.70	0.24	2.93	0.10	44.4	8.7	19	11.80	9.5
N813698		2.98	<0.005	0.06	7.36	2.4	2050	1.68	0.17	2.92	0.07	41.9	8.6	12	10.55	7.3
N813699		2.01	<0.005	0.15	7.30	10.2	2190	1.71	0.18	4.40	0.31	42.5	9.2	13	16.15	9.4
N813700		2.94	<0.005	0.04	7.31	3.0	2000	1.71	0.13	2.71	0.06	44.9	8.6	16	15.35	5.4
N813701		1.84	<0.005	0.02	7.30	1.3	1900	1.68	0.12	3.05	0.07	39.8	8.8	14	12.20	8.1
N813702		3.78	<0.005	0.03	7.69	2.3	2140	1.64	0.17	2.94	0.08	44.3	8.7	12	4.77	6.1
N813703		2.84	<0.005	0.04	7.43	2.5	2070	1.55	0.21	2.85	0.07	39.2	8.3	14	5.80	7.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176324

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813668		2.87	16.60	0.14	1.5	0.037	2.62	26.7	13.2	0.76	831	1.15	1.42	7.5	3.4	610
N813669		2.48	14.50	0.15	1.8	0.097	2.69	29.8	14.7	0.70	1600	159.5	0.08	9.6	2.8	500
N813670		0.48	0.30	0.07	<0.1	0.006	0.04	0.8	1.5	13.00	214	0.29	0.01	0.3	2.1	200
N813671		3.10	17.25	0.16	1.6	0.039	2.44	24.9	17.9	0.91	780	6.52	1.98	8.1	3.1	630
N813672		3.35	17.10	0.11	1.7	0.043	2.49	21.8	18.2	1.03	827	6.92	2.10	7.7	3.4	680
N813673		3.27	17.90	0.17	1.7	0.035	2.44	27.4	20.0	0.96	749	3.65	2.17	7.8	3.3	650
N813674		3.23	17.10	0.10	1.6	0.039	2.40	21.3	19.3	0.96	754	3.25	2.19	7.7	3.2	650
N813675		3.17	17.10	0.12	1.7	0.038	2.33	24.0	20.4	0.90	687	2.93	2.28	7.8	3.4	640
N813676		3.39	17.15	0.18	1.7	0.035	2.49	27.6	19.9	0.99	729	7.31	2.33	7.7	3.2	670
N813677		3.21	17.15	0.15	1.6	0.038	2.38	25.2	19.6	0.94	709	49.1	2.29	7.7	3.1	660
N813678		3.25	16.95	0.14	1.6	0.032	2.36	25.6	17.0	0.94	700	6.10	2.15	7.6	3.5	640
N813679		3.51	17.90	0.21	1.5	0.079	2.16	26.0	16.7	0.96	828	3.65	1.98	7.8	3.7	690
N813680		3.09	17.90	0.14	1.4	0.036	2.27	17.6	19.0	0.88	680	6.02	2.11	8.1	3.3	640
N813681		3.06	14.20	0.13	1.2	0.031	1.86	22.3	122.5	1.80	1800	7.58	0.09	6.5	2.8	570
N813682		5.28	15.95	0.18	1.5	0.938	2.70	25.1	27.9	0.70	1960	13.15	0.26	7.1	16.1	490
N813683		3.03	15.40	0.15	1.2	0.032	1.86	22.7	130.0	1.34	1060	2.17	0.97	6.9	3.1	610
N813684		3.38	16.70	0.20	1.3	0.031	2.38	24.1	18.9	0.97	739	3.51	2.26	7.4	3.1	690
N813685		3.39	16.40	0.12	1.4	0.041	2.44	24.9	15.1	0.93	786	3.18	2.14	7.7	3.3	670
N813686		3.37	16.50	0.14	1.4	0.042	2.75	22.5	40.1	0.89	1980	10.10	0.72	7.5	3.1	640
N813687		3.34	16.00	0.09	1.2	0.047	2.33	20.0	18.1	0.98	826	10.10	2.20	8.1	3.3	670
N813688		3.19	15.20	0.07	1.3	0.043	2.52	18.7	11.3	0.86	1090	22.7	1.84	7.7	3.0	640
N813689		3.67	14.55	0.09	1.2	0.301	3.15	24.1	7.4	0.83	5660	15.25	0.12	6.9	3.2	600
N813690		0.47	0.21	0.05	<0.1	0.012	0.02	0.6	0.8	12.40	218	0.20	0.01	0.2	1.6	180
N813691		3.09	16.20	0.12	1.3	0.035	2.34	24.4	14.1	0.86	674	5.17	2.12	7.6	3.3	610
N813692		3.11	16.15	0.09	1.3	0.036	2.40	21.5	12.7	0.86	674	6.72	1.92	7.6	3.1	610
N813693		5.46	14.95	0.10	1.4	0.813	2.77	22.3	24.9	0.70	2020	11.85	0.26	7.4	16.1	510
N813694		3.33	15.90	0.09	1.3	0.042	2.30	21.0	15.5	0.96	725	8.30	2.20	8.1	3.4	650
N813695		3.20	16.35	0.11	1.4	0.035	2.43	19.2	13.8	0.89	677	1.66	2.11	7.7	3.2	620
N813696		3.11	16.10	0.10	1.5	0.037	2.43	20.5	15.4	0.89	695	1.25	2.18	7.9	3.2	630
N813697		3.31	16.60	0.09	1.5	0.041	2.48	21.9	14.8	0.86	772	1.49	2.08	8.1	3.5	670
N813698		3.15	16.35	0.10	1.6	0.041	2.46	20.1	14.6	0.84	765	1.11	2.18	8.1	3.3	630
N813699		3.55	15.30	0.10	1.2	0.035	2.46	22.5	26.5	1.38	1600	0.96	1.33	7.5	3.5	610
N813700		3.21	16.40	0.10	1.4	0.042	2.45	22.4	18.1	0.80	707	0.81	2.09	8.1	3.3	660
N813701		3.31	16.65	0.10	1.5	0.041	2.33	18.8	22.5	0.88	758	0.91	1.98	8.4	3.6	660
N813702		3.19	16.75	0.10	1.4	0.040	2.28	22.4	14.2	0.92	704	0.82	2.29	8.0	3.5	650
N813703		3.26	15.90	0.08	1.3	0.033	2.38	19.4	13.2	0.91	717	0.90	2.16	7.8	3.3	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176324

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813668		18.1	113.0	0.002	0.02	26.7	11.8	1	2.2	299	0.64	<0.05	12.7	0.277	1.33	5.2
N813669		71.4	129.0	0.017	0.14	93.4	9.5	1	2.9	96.1	1.02	0.06	16.1	0.228	1.72	5.5
N813670		1.6	1.9	0.002	0.01	0.18	0.2	<1	0.3	43.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813671		15.9	115.0	0.002	0.02	4.24	12.1	<1	2.0	372	0.65	<0.05	12.9	0.284	1.20	4.5
N813672		17.4	99.2	0.002	0.01	21.3	12.0	<1	2.2	399	0.66	<0.05	12.0	0.294	1.23	4.5
N813673		16.6	110.0	0.003	0.02	7.53	12.6	1	2.5	396	0.67	<0.05	12.7	0.303	1.10	4.2
N813674		16.4	97.1	0.004	0.02	7.46	12.1	<1	2.1	396	0.65	<0.05	11.6	0.293	1.05	3.9
N813675		15.4	90.7	<0.002	<0.01	0.99	11.8	1	1.9	405	0.69	<0.05	12.4	0.280	1.08	4.3
N813676		15.2	111.5	0.004	0.01	2.08	12.1	1	2.1	426	0.67	<0.05	14.6	0.303	1.13	5.3
N813677		14.8	101.5	0.004	0.02	2.95	11.6	1	2.2	426	0.67	<0.05	13.5	0.287	1.07	4.5
N813678		15.6	99.0	0.002	0.01	10.55	12.1	<1	2.1	397	0.62	<0.05	12.4	0.289	1.13	3.9
N813679		30.6	101.5	<0.002	0.02	16.80	12.3	1	2.5	401	0.59	0.11	13.4	0.298	1.08	4.2
N813680		17.9	94.2	0.002	0.01	2.55	11.9	1	2.4	396	0.63	<0.05	9.3	0.283	1.16	4.1
N813681		21.7	110.5	<0.002	0.15	19.95	10.3	<1	2.6	202	0.58	<0.05	11.2	0.262	1.59	6.3
N813682		1330	165.0	0.002	3.21	32.0	9.2	1	6.1	153.5	0.62	0.28	11.6	0.208	2.70	5.3
N813683		20.4	66.6	0.002	0.03	8.09	10.7	<1	2.1	339	0.49	<0.05	9.2	0.271	1.06	2.9
N813684		14.4	101.0	0.002	0.03	1.31	12.0	1	2.0	440	0.57	<0.05	12.2	0.302	1.13	4.0
N813685		14.7	99.6	0.003	0.07	1.49	12.5	1	2.1	418	0.61	<0.05	11.8	0.312	1.19	3.9
N813686		40.8	140.0	<0.002	0.12	8.54	12.1	1	2.2	188.0	0.61	<0.05	11.4	0.280	2.04	5.2
N813687		13.8	75.6	0.002	0.09	1.70	11.3	1	2.3	424	0.62	<0.05	10.3	0.292	1.05	3.8
N813688		16.2	87.8	0.003	0.12	7.25	10.4	1	2.3	351	0.63	<0.05	9.9	0.286	1.20	4.2
N813689		229	140.5	<0.002	0.46	76.9	10.0	1	2.2	117.5	0.56	<0.05	11.6	0.263	2.01	7.0
N813690		1.5	1.3	<0.002	0.01	0.12	0.3	1	0.5	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813691		14.4	91.1	0.002	0.05	1.16	11.2	1	2.4	406	0.59	<0.05	12.6	0.270	0.91	4.9
N813692		14.3	85.9	0.002	0.04	15.50	10.6	1	2.3	390	0.60	<0.05	11.4	0.271	0.98	4.0
N813693		1360	143.5	0.003	3.23	39.8	8.6	1	6.0	153.0	0.60	0.29	10.6	0.212	2.39	5.2
N813694		16.3	77.4	0.002	0.03	3.71	11.7	1	2.3	419	0.64	<0.05	10.6	0.279	0.91	3.5
N813695		15.0	77.4	<0.002	0.01	5.36	10.9	1	2.2	411	0.62	<0.05	10.3	0.271	0.91	3.5
N813696		15.2	76.8	<0.002	0.01	4.31	10.9	2	2.3	411	0.61	<0.05	10.6	0.281	0.89	3.6
N813697		15.4	93.0	<0.002	0.01	6.59	11.1	1	2.5	407	0.65	<0.05	12.6	0.280	1.04	4.7
N813698		15.3	81.4	<0.002	0.01	1.84	10.9	1	2.3	413	0.67	<0.05	11.3	0.285	0.99	3.8
N813699		21.3	105.0	<0.002	0.09	32.5	11.0	1	2.4	347	0.59	<0.05	11.8	0.255	1.15	7.6
N813700		15.1	85.5	<0.002	0.01	1.93	11.4	1	2.2	411	0.66	<0.05	12.0	0.290	0.98	3.8
N813701		15.1	77.0	<0.002	0.01	10.90	11.2	1	2.4	403	0.67	<0.05	10.2	0.283	0.99	3.7
N813702		14.8	80.8	<0.002	<0.01	1.06	11.2	1	2.2	438	0.67	<0.05	11.4	0.264	0.84	3.9
N813703		14.5	73.9	<0.002	0.01	5.01	10.7	<1	2.2	420	0.64	<0.05	10.4	0.285	0.81	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176324

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813668		78	2.7	15.6	58	42.3
N813669		55	28.8	11.4	64	45.9
N813670		3	0.1	0.8	17	0.5
N813671		82	34.2	17.5	54	44.5
N813672		88	6.9	16.4	60	45.3
N813673		87	6.5	17.6	58	47.7
N813674		88	6.1	16.0	58	43.3
N813675		80	2.8	16.4	53	44.7
N813676		90	6.8	17.6	57	45.2
N813677		81	5.6	16.9	52	40.7
N813678		83	4.8	15.9	56	39.0
N813679		88	6.7	15.2	83	36.7
N813680		82	5.5	16.0	57	34.9
N813681		74	9.5	15.2	85	27.5
N813682		57	5.3	11.8	2900	42.1
N813683		74	6.7	15.0	68	31.6
N813684		86	5.5	16.2	54	34.2
N813685		91	2.9	16.1	59	32.1
N813686		79	4.2	15.3	106	31.6
N813687		85	5.9	15.8	56	29.2
N813688		82	3.0	13.1	52	30.6
N813689		76	4.7	13.8	150	29.6
N813690		3	0.1	0.8	14	<0.5
N813691		78	2.1	16.5	51	32.4
N813692		79	1.4	15.2	51	31.3
N813693		58	5.1	11.3	3100	36.6
N813694		84	1.2	16.5	54	31.3
N813695		79	1.2	15.5	51	33.1
N813696		82	1.4	15.2	55	36.7
N813697		83	0.5	15.9	57	35.0
N813698		84	0.5	15.2	58	37.1
N813699		79	0.7	17.8	79	30.4
N813700		85	0.5	15.9	60	31.7
N813701		84	0.5	15.2	58	36.0
N813702		77	0.3	16.5	52	31.4
N813703		85	0.3	15.4	57	28.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176324

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176325

Project: Klaza-90

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

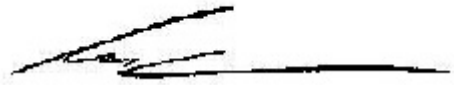
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176325

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813704		1.27	<0.005	0.05	7.56	4.5	2010	1.59	0.23	3.19	0.10	41.8	8.7	11	12.15	6.8
N813705		2.69	<0.005	0.05	7.63	1.8	2110	1.68	0.37	2.92	0.08	43.1	8.5	11	3.46	8.4
N813706		0.26	0.731	10.00	6.79	1805	790	1.60	6.12	1.86	41.2	43.4	17.0	17	16.10	107.0
N813707		1.48	<0.005	0.21	7.98	6.6	2170	1.75	0.40	3.09	0.15	46.1	9.0	9	10.40	15.4
N813708		3.40	<0.005	0.09	8.05	3.6	2130	1.79	0.41	3.07	0.08	46.7	9.0	9	9.34	8.1
N813709		1.69	<0.005	0.05	7.72	5.7	1730	1.83	0.19	2.84	0.09	43.6	9.3	9	18.20	4.8
N813710		1.51	<0.005	0.06	7.51	4.4	1760	1.62	0.41	2.90	0.06	43.1	8.5	7	12.75	7.1
N813711		3.38	<0.005	0.45	7.30	3.0	2060	1.80	13.80	2.71	0.09	41.3	8.8	10	6.24	43.6
N813712		1.51	<0.005	0.54	7.48	3.0	2100	1.66	17.15	2.79	0.12	43.9	9.4	9	5.86	70.8
N813713		1.51	<0.005	0.08	7.72	3.4	2250	1.71	0.37	3.03	0.05	48.1	8.6	9	8.14	11.7
N813714		2.97	<0.005	0.06	7.61	2.0	2090	1.60	2.09	2.75	0.05	42.9	8.5	9	6.16	11.7
N813715		4.77	<0.005	0.05	7.58	1.8	2040	1.76	0.25	2.98	0.05	41.5	8.4	9	5.65	5.1
N813716		4.73	<0.005	0.04	7.63	2.1	2090	1.77	0.18	2.81	0.07	44.6	8.7	11	5.94	8.4
N813717		4.74	<0.005	0.05	7.57	2.5	2110	1.76	0.29	2.67	0.07	47.6	8.9	9	5.48	9.2
N813718		4.85	<0.005	0.12	7.52	2.1	2100	1.69	0.51	2.71	0.07	44.9	8.8	9	6.74	21.9
N813719		3.14	<0.005	0.12	7.98	4.7	2170	1.57	7.75	2.77	0.10	43.4	8.7	9	7.48	24.0
N813720		2.19	<0.005	0.06	7.53	3.7	1900	1.79	0.21	2.62	0.07	44.4	8.8	8	10.70	10.9
N813721		1.63	<0.005	0.18	6.86	17.1	1190	1.43	0.20	4.45	0.20	45.3	7.7	5	20.7	8.1
N813722		3.99	<0.005	0.03	0.06	<5	10	0.06	0.09	20.4	0.06	1.19	0.6	<1	0.16	2.3
N813723		2.16	<0.005	0.08	7.67	5.2	1780	1.35	0.11	2.75	0.07	44.9	8.2	9	19.60	9.7
N813724		1.57	<0.005	0.06	6.75	6.1	1160	1.16	0.19	6.27	0.20	46.3	7.6	6	14.65	9.4
N813725		2.75	<0.005	0.01	0.09	<5	20	0.05	0.05	20.2	0.06	1.18	0.6	<1	0.20	2.0
N813726		5.10	<0.005	0.07	7.87	3.7	2080	1.50	12.95	2.88	0.19	52.5	8.5	10	7.11	17.0
N813727		4.16	<0.005	0.09	7.80	0.3	2150	1.16	1.22	2.86	0.15	47.3	8.1	11	8.28	19.0
N813728		0.26	0.719	10.00	7.21	1995	1620	1.38	7.19	2.01	45.9	49.7	17.6	22	16.55	115.5
N813729		5.41	<0.005	0.08	7.89	2.9	2090	1.34	0.33	2.94	0.08	43.6	8.1	12	8.91	8.5
N813730		4.91	<0.005	0.05	7.05	4.4	1830	1.15	0.20	2.98	0.10	39.9	7.9	9	13.55	7.2
N813731		2.71	<0.005	0.03	7.52	2.6	2150	1.63	0.30	2.91	0.06	43.9	8.4	10	20.6	4.9
N813732		1.46	<0.005	0.07	7.29	9.5	1000	1.53	0.48	4.26	0.39	58.1	9.8	7	25.6	9.1
N813733		4.12	<0.005	0.04	7.60	1.9	2220	1.48	0.32	2.92	0.06	47.3	8.5	10	9.97	7.0
N813734		<0.02	<0.005	0.03	7.84	1.3	2240	1.36	0.27	2.94	0.04	47.0	8.1	10	9.53	6.7
N813735		4.07	<0.005	0.09	7.66	2.9	1970	1.31	1.29	3.03	0.07	45.4	8.5	10	11.40	26.8
N813736		2.50	<0.005	0.30	6.93	7.1	820	1.19	2.85	3.02	0.16	40.1	7.1	10	16.50	42.5
N813737		2.18	<0.005	5.36	7.50	20.1	1310	1.39	34.5	3.40	1.47	51.0	8.6	11	14.20	86.1
N813738		5.39	<0.005	0.09	7.68	2.8	2090	1.37	1.38	2.95	0.10	50.5	8.1	11	9.33	18.9
N813739		4.87	<0.005	0.08	7.92	2.3	2110	1.20	1.37	3.00	0.08	46.8	8.2	11	7.91	12.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176325

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813704		3.27	15.50	0.10	1.3	0.038	2.45	20.2	21.3	0.97	826	0.39	1.89	7.4	3.3	640
N813705		3.16	16.25	0.12	1.3	0.035	2.35	20.3	13.0	0.91	682	0.45	2.24	7.9	3.6	640
N813706		5.38	15.25	0.13	1.4	0.813	2.77	23.6	24.8	0.70	1980	12.10	0.26	7.4	16.5	500
N813707		3.30	17.15	0.11	1.5	0.039	2.46	23.7	12.7	0.94	720	0.38	2.20	8.0	3.7	660
N813708		3.32	17.10	0.10	1.5	0.043	2.49	22.7	16.9	0.94	724	0.46	2.30	8.3	3.4	680
N813709		3.27	16.65	0.10	1.4	0.044	2.45	22.5	17.3	0.86	765	0.39	1.61	8.3	4.0	660
N813710		3.05	16.25	0.11	1.4	0.036	2.37	21.4	14.5	0.86	682	0.37	1.83	7.9	3.5	640
N813711		3.06	16.70	0.10	1.4	0.043	2.37	20.0	15.3	0.89	661	0.36	2.20	8.0	3.5	650
N813712		3.27	16.85	0.10	1.4	0.042	2.38	22.2	15.7	0.95	695	0.46	2.26	8.3	3.6	650
N813713		3.13	16.40	0.13	1.4	0.040	2.36	23.6	14.0	0.92	683	0.44	2.10	7.8	3.8	630
N813714		3.11	16.15	0.12	1.4	0.037	2.39	22.2	13.3	0.90	678	0.52	2.20	8.0	3.9	630
N813715		3.06	16.45	0.10	1.5	0.039	2.37	20.3	14.1	0.91	709	0.78	2.23	8.1	3.7	620
N813716		3.18	16.50	0.11	1.5	0.042	2.36	21.5	14.4	0.97	724	0.54	2.29	8.5	3.4	650
N813717		3.16	16.15	0.11	1.7	0.037	2.33	23.6	13.9	0.98	711	0.42	2.24	8.3	3.4	630
N813718		3.20	16.40	0.11	1.4	0.041	2.36	22.1	16.0	0.98	694	0.45	2.17	8.1	3.6	640
N813719		3.31	16.00	0.13	1.5	0.041	2.26	22.9	15.9	1.00	707	0.92	2.17	7.8	3.6	670
N813720		3.25	15.00	0.11	1.5	0.038	2.35	22.6	30.9	0.99	768	0.32	1.34	8.1	3.5	650
N813721		3.10	14.15	0.12	1.2	0.037	2.20	24.6	65.0	1.36	2300	0.66	0.78	6.9	3.3	560
N813722		0.45	0.20	0.10	<0.1	0.006	0.02	0.6	1.0	12.55	193	0.14	0.01	0.2	1.9	180
N813723		3.11	17.15	0.14	1.6	0.051	2.67	19.2	111.0	0.79	684	0.88	1.23	8.6	3.2	660
N813724		3.02	14.35	0.14	1.3	0.045	2.13	22.9	104.0	1.51	1360	1.00	0.54	6.7	2.7	550
N813725		0.48	0.24	0.08	<0.1	0.010	0.03	0.6	1.6	12.00	213	0.20	0.01	0.2	1.9	160
N813726		3.19	17.95	0.14	1.7	0.056	2.44	22.6	16.5	0.93	717	1.51	2.36	9.0	3.1	650
N813727		3.24	16.75	0.15	1.4	0.041	2.52	21.4	13.8	0.89	696	0.55	2.19	7.9	3.1	660
N813728		5.61	16.75	0.14	1.6	0.970	3.03	23.2	22.2	0.73	2150	13.90	0.27	7.9	16.9	540
N813729		3.26	16.55	0.15	1.4	0.045	2.48	20.6	14.4	0.87	711	0.38	2.19	7.6	2.9	670
N813730		3.00	16.60	0.12	1.4	0.042	2.38	17.8	33.2	0.85	693	0.41	1.73	7.8	2.7	640
N813731		3.11	17.40	0.15	1.4	0.044	2.59	19.7	19.3	0.73	649	0.38	2.11	8.0	2.9	670
N813732		3.15	19.80	0.23	1.5	0.058	2.23	28.2	153.5	1.19	1260	0.39	0.35	8.3	3.7	580
N813733		3.17	17.50	0.16	1.4	0.055	2.50	20.7	20.1	0.88	707	0.44	2.09	8.0	3.1	640
N813734		3.21	16.65	0.14	1.4	0.039	2.54	21.5	20.1	0.89	707	0.51	2.12	7.6	2.9	650
N813735		3.32	17.20	0.14	1.4	0.040	2.42	19.9	11.6	0.89	727	0.42	2.13	8.0	3.1	700
N813736		2.95	15.00	0.13	1.2	0.035	2.33	18.2	31.5	0.89	910	0.30	1.17	7.2	2.8	620
N813737		3.48	16.35	0.13	1.4	0.106	2.99	24.9	16.5	0.94	2530	0.28	0.39	7.9	3.1	630
N813738		3.19	17.40	0.14	1.4	0.040	2.61	22.2	13.0	0.86	796	0.39	1.99	7.9	2.9	640
N813739		3.26	17.00	0.13	1.4	0.038	2.58	20.8	17.0	0.91	730	0.36	2.19	8.0	2.9	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176325

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813704		15.6	78.2	<0.002	0.02	28.8	10.4	1	2.2	387	0.62	<0.05	11.0	0.276	1.00	3.8
N813705		14.7	71.7	<0.002	0.01	1.38	11.0	1	2.1	429	0.64	<0.05	11.2	0.278	0.85	4.1
N813706		1355	151.5	<0.002	3.18	36.1	8.6	1	6.1	151.5	0.60	0.30	11.2	0.214	2.39	5.1
N813707		18.0	84.2	<0.002	0.02	14.25	11.5	1	2.2	447	0.63	<0.05	12.5	0.287	0.95	3.7
N813708		15.8	89.1	<0.002	0.01	4.29	12.0	1	2.3	449	0.68	<0.05	12.3	0.295	0.97	4.1
N813709		16.2	97.3	<0.002	0.01	36.9	12.4	1	2.3	361	0.69	<0.05	12.4	0.285	1.02	4.6
N813710		14.4	94.9	<0.002	0.01	25.7	11.4	1	2.5	386	0.62	<0.05	11.8	0.275	0.97	4.2
N813711		15.1	83.1	<0.002	0.01	2.06	11.6	1	2.2	418	0.66	0.42	11.3	0.274	0.92	4.0
N813712		14.5	84.4	<0.002	0.01	1.06	11.6	2	2.3	427	0.66	0.51	11.1	0.286	0.98	4.0
N813713		14.4	93.6	<0.002	0.01	8.71	11.6	1	2.1	422	0.65	<0.05	13.1	0.274	0.89	4.8
N813714		15.6	90.5	<0.002	0.01	0.76	11.2	1	2.2	421	0.68	<0.05	12.3	0.277	0.93	4.4
N813715		15.5	80.4	<0.002	0.01	2.31	10.8	1	2.1	428	0.66	<0.05	11.6	0.273	0.86	4.0
N813716		15.5	82.1	<0.002	0.01	1.20	11.6	1	2.2	432	0.80	<0.05	12.2	0.283	0.90	4.7
N813717		15.1	88.2	<0.002	0.01	1.03	11.5	1	2.2	433	0.86	<0.05	12.7	0.274	0.91	4.6
N813718		14.7	89.4	<0.002	0.04	1.09	11.2	1	2.3	426	0.67	<0.05	12.7	0.281	1.01	4.4
N813719		19.3	91.2	<0.002	0.03	2.24	12.0	1	2.3	453	0.66	<0.05	12.3	0.279	1.01	4.4
N813720		15.2	86.2	<0.002	0.04	2.74	11.3	1	2.3	377	0.76	<0.05	12.5	0.283	1.07	4.3
N813721		16.8	101.5	<0.002	0.10	17.00	10.3	1	1.9	297	0.63	<0.05	11.4	0.245	1.14	7.6
N813722		1.4	1.0	<0.002	0.02	<0.05	0.2	<1	0.3	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813723		18.1	108.5	<0.002	0.01	5.87	11.9	1	2.3	322	0.73	<0.05	13.4	0.281	1.31	4.7
N813724		19.0	81.6	<0.002	0.05	8.73	9.9	<1	2.2	324	0.58	<0.05	12.8	0.227	1.02	5.5
N813725		1.2	1.3	<0.002	0.01	0.06	0.2	<1	0.4	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813726		18.8	107.5	<0.002	0.01	1.16	12.5	1	2.8	417	0.84	1.22	13.7	0.274	1.06	6.0
N813727		15.4	90.3	<0.002	0.02	1.07	11.2	<1	2.6	432	0.70	<0.05	13.1	0.278	1.03	4.6
N813728		1415	170.0	<0.002	3.35	35.6	9.6	1	6.5	165.5	0.62	0.29	13.1	0.215	2.80	6.1
N813729		15.8	95.1	<0.002	0.01	1.29	11.1	1	2.3	430	0.63	<0.05	12.7	0.279	1.00	4.4
N813730		16.3	88.2	<0.002	0.01	6.45	11.1	1	2.3	375	0.63	<0.05	11.6	0.269	1.03	3.9
N813731		15.3	94.9	<0.002	0.01	2.34	11.4	1	2.2	441	0.61	<0.05	11.3	0.278	1.13	3.8
N813732		21.3	121.5	<0.002	0.02	50.2	13.7	1	3.6	243	0.67	<0.05	13.7	0.246	1.51	5.9
N813733		15.6	96.3	<0.002	0.01	1.37	11.9	1	2.3	421	0.60	<0.05	12.7	0.273	1.13	4.3
N813734		14.8	101.0	<0.002	0.01	1.31	11.2	1	2.3	427	0.59	<0.05	13.0	0.279	1.01	4.2
N813735		16.0	96.7	<0.002	0.01	6.36	11.5	1	2.5	437	0.62	<0.05	12.3	0.287	1.20	4.5
N813736		17.7	99.0	<0.002	0.01	21.2	10.5	1	2.6	262	0.57	<0.05	10.6	0.261	1.33	3.7
N813737		71.7	154.0	<0.002	0.12	21.8	12.4	2	3.5	157.0	0.65	0.67	13.9	0.275	1.99	5.9
N813738		15.2	105.0	<0.002	0.06	3.71	11.7	2	2.5	402	0.61	<0.05	12.2	0.271	1.17	4.4
N813739		16.2	96.7	<0.002	0.03	4.12	11.5	1	2.4	429	0.64	<0.05	13.2	0.285	1.08	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176325

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813704		81	0.5	14.6	59	28.9
N813705		82	0.3	16.2	55	30.8
N813706		59	5.1	11.6	3060	37.8
N813707		84	0.3	16.1	57	35.6
N813708		87	0.6	17.0	59	34.8
N813709		85	0.6	17.2	61	33.0
N813710		81	0.5	15.7	53	31.5
N813711		80	0.6	16.8	53	32.8
N813712		84	0.6	17.2	57	32.1
N813713		78	1.0	17.2	53	30.9
N813714		80	0.6	16.8	55	32.4
N813715		79	1.5	16.4	54	32.7
N813716		85	1.3	17.5	58	33.5
N813717		81	4.9	18.0	56	34.9
N813718		83	0.5	16.8	58	33.5
N813719		82	0.5	18.0	56	31.6
N813720		82	1.0	16.3	56	33.0
N813721		70	2.6	16.4	63	28.2
N813722		2	0.1	0.9	14	0.5
N813723		83	1.8	15.3	55	36.3
N813724		70	2.1	18.9	66	30.8
N813725		2	0.2	0.8	13	<0.5
N813726		83	1.3	19.0	53	38.1
N813727		82	0.4	15.5	52	31.8
N813728		62	5.6	11.9	3230	41.3
N813729		83	0.4	15.9	54	30.9
N813730		80	0.7	14.5	52	31.4
N813731		82	0.5	14.5	51	33.1
N813732		78	1.4	22.0	76	35.8
N813733		81	0.5	15.9	51	34.2
N813734		82	0.4	15.8	52	31.0
N813735		85	0.9	14.8	54	32.8
N813736		78	1.3	12.1	73	30.1
N813737		79	2.4	14.4	229	32.8
N813738		81	0.7	15.9	57	36.1
N813739		85	0.4	15.8	55	34.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2012
Account: ROCKHA

Project: Klaza-90

CERTIFICATE OF ANALYSIS WH12176325

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176326

Project: Klaza-91

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176326

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N810700		5.33	<0.005		0.06	7.56	23.6	2370	1.64	0.25	2.60	0.07	40.7	7.6	9	20.0
N810701		0.22	4.52		>100	5.49	8280	250	1.15	56.7	1.96	222	33.2	9.2	17	11.90
N810702		6.60	<0.005		0.02	7.38	14.5	1600	1.83	0.15	2.83	0.07	36.6	8.4	10	17.75
N810703		5.91	<0.005		0.02	13.75	19.8	1850	2.63	0.48	6.31	0.15	44.0	12.5	12	31.2
N810704		4.20	<0.005		0.05	7.11	11.3	1930	1.64	0.22	3.34	0.07	38.4	9.4	10	18.60
N810705		5.92	<0.005		0.05	6.98	19.1	2050	1.62	0.17	3.23	0.07	38.6	10.1	11	19.70
N810706		2.07	<0.005		0.12	7.83	25.6	1590	1.83	0.14	2.82	0.08	45.5	12.0	10	17.35
N810707		2.78	0.023		1.63	7.17	52.8	2080	1.45	0.69	3.84	33.7	48.1	9.4	7	17.50
N810708		3.84	<0.005		0.02	0.09	<5	30	0.06	0.08	20.3	0.07	1.31	1.6	1	0.22
N810709		1.61	<0.005		0.06	7.96	25.3	750	1.66	0.20	2.54	0.19	45.7	8.2	9	18.15
N810710		0.70	<0.005		0.05	8.15	31.9	680	1.78	0.17	1.91	0.10	50.4	9.9	9	16.80
N810711		6.90	<0.005		0.15	6.95	37.8	1960	1.66	0.16	3.23	0.19	45.3	10.3	9	17.20
N810712		5.16	<0.005		0.05	7.59	14.6	1930	1.52	0.17	2.39	0.08	42.9	8.5	10	18.55
N810713		6.34	<0.005		0.04	7.41	8.0	2400	1.53	0.42	2.67	0.11	40.1	9.5	11	15.25
N810714		3.99	<0.005		<0.01	8.14	11.3	1650	1.74	0.90	2.69	0.11	36.2	8.0	9	18.95
N810715		5.14	<0.005		0.01	7.83	10.1	5700	1.77	1.29	5.07	0.19	45.4	8.8	8	15.50
N810716		9.12	<0.005		0.01	7.29	9.6	1500	1.36	0.59	2.82	0.08	40.9	9.3	8	10.25
N810717		7.30	<0.005		0.01	7.31	5.0	1900	1.48	0.31	3.09	0.06	41.9	9.3	11	7.86
N810718		6.99	<0.005		0.05	7.46	9.3	1920	1.77	0.64	3.69	0.07	38.9	7.6	10	15.30
N810719		<0.02	<0.005		0.05	7.82	10.6	1980	1.98	0.70	3.75	0.08	41.3	8.3	11	16.40
N810720		7.38	<0.005		0.06	7.49	28.0	1260	1.62	0.56	2.93	0.13	46.8	8.3	8	13.70
N810721		0.22	4.52		>100	5.66	7080	100	1.10	59.6	2.00	230	33.7	9.0	17	11.15
N810722		7.43	<0.005		0.09	7.67	25.3	1480	1.63	0.34	3.10	0.14	47.3	7.1	9	15.05
N810723		8.43	0.006		0.08	7.88	18.6	1400	1.57	0.40	4.47	0.11	46.4	8.0	10	14.30
N810724		7.76	<0.005		0.02	7.06	9.9	1120	1.40	0.16	5.03	0.07	49.6	10.3	14	14.50
N810725		7.85	<0.005		0.06	6.93	20.3	1120	1.35	0.15	4.67	0.11	45.8	7.2	9	13.95
N810726		4.28	<0.005		0.18	7.34	59.6	730	1.54	0.19	3.74	0.45	48.5	8.1	9	26.7
N810727		3.32	<0.005		0.13	6.94	18.7	640	1.49	0.21	3.26	0.48	40.9	6.5	11	20.7
N810728		4.78	0.189		1.72	7.27	170.5	630	1.46	0.62	2.93	10.15	48.4	7.8	8	19.05
N810729		3.65	<0.005		0.01	0.08	<5	20	<0.05	0.02	21.2	0.07	1.49	1.2	<1	0.19
N810730		3.46	>10.0	17.65	>100	5.18	>10000	50	1.14	162.0	2.36	54.5	31.6	5.8	4	20.1
N810731		4.17	0.095		2.98	8.76	1945	1020	1.57	1.30	1.44	22.6	56.3	11.3	8	21.9
N810732		7.32	0.011		0.31	8.52	55.5	1800	1.77	0.59	4.18	0.67	53.4	10.8	9	17.85
N810733		8.57	<0.005		0.33	7.71	81.9	1200	1.77	0.57	3.73	0.89	68.6	10.3	23	21.7
N810734		2.82	<0.005		0.05	7.75	29.4	240	1.75	0.10	4.66	0.17	77.6	10.1	30	20.9
N810735		3.27	0.085		6.13	7.49	4460	790	1.87	3.33	2.96	36.9	55.3	17.3	18	19.95

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176326

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N810700		7.7	2.96	14.60	0.18	1.6	0.036	2.58	20.4	17.2	0.96	840	0.25	1.63	9.1	4.5
N810701		1260	8.17	12.60	0.24	1.1	4.81	2.29	17.8	32.8	0.63	3010	14.60	0.08	6.1	14.5
N810702		4.3	2.87	14.15	0.16	1.6	0.037	2.34	18.7	21.2	0.88	703	0.26	2.38	8.4	3.7
N810703		4.1	4.81	25.2	0.21	2.0	0.068	3.71	20.6	22.6	1.18	1140	0.24	3.62	12.8	3.6
N810704		4.2	3.11	14.85	0.19	1.2	0.046	2.17	19.1	15.8	0.87	811	0.24	2.16	8.5	3.3
N810705		4.0	3.30	13.90	0.18	1.2	0.041	2.12	19.3	29.2	0.95	842	0.37	1.60	8.3	3.8
N810706		4.5	3.20	15.85	0.19	1.5	0.053	2.53	22.9	111.0	0.86	985	0.32	0.53	9.2	3.4
N810707		29.6	3.47	14.85	0.16	1.2	1.205	2.33	25.7	79.8	1.31	1170	0.23	0.05	8.7	4.0
N810708		3.3	0.45	0.58	0.06	<0.1	0.005	0.03	0.8	1.0	12.10	194	0.13	0.01	0.3	<0.2
N810709		5.2	3.48	17.10	0.17	1.4	0.049	2.40	23.0	47.3	1.04	784	0.27	1.33	9.4	3.6
N810710		12.3	3.49	16.10	0.19	1.5	0.046	2.29	25.5	60.0	0.87	767	0.56	1.22	9.7	3.5
N810711		9.2	3.18	16.40	0.17	1.3	0.040	2.35	20.9	51.1	1.08	946	0.41	0.64	8.8	3.2
N810712		8.3	3.20	17.35	0.18	1.4	0.038	2.52	20.5	27.4	0.90	736	0.21	2.05	9.0	3.5
N810713		3.8	3.22	17.20	0.19	1.4	0.039	2.55	17.8	17.0	0.85	882	0.20	2.28	9.1	2.7
N810714		0.9	3.19	24.2	0.18	1.4	0.057	2.01	15.6	32.8	0.63	771	0.16	2.80	8.5	2.4
N810715		1.2	3.40	25.3	0.20	1.6	0.066	1.84	19.5	34.2	0.75	1120	0.17	2.23	10.0	2.6
N810716		2.9	3.19	16.95	0.18	1.3	0.051	1.73	18.2	19.0	0.77	898	0.17	2.62	8.8	2.6
N810717		4.7	2.96	16.40	0.19	1.4	0.035	2.06	19.3	14.2	0.82	849	0.21	2.22	8.5	2.7
N810718		1.5	3.50	18.85	0.17	1.3	0.057	2.37	16.9	25.1	0.72	1160	0.15	1.87	8.5	2.3
N810719		1.8	3.55	20.3	0.19	1.5	0.057	2.46	17.9	26.9	0.75	1170	0.19	1.90	8.9	2.4
N810720		4.0	3.11	20.5	0.18	1.5	0.053	3.22	22.0	31.1	1.10	965	0.21	0.08	8.5	2.6
N810721		1325	8.30	12.60	0.16	1.0	4.74	2.40	16.0	31.9	0.63	3080	15.05	0.08	5.8	12.9
N810722		7.6	2.96	20.3	0.15	1.5	0.044	3.38	23.1	27.9	1.14	855	0.17	0.07	8.3	2.4
N810723		3.0	3.36	20.4	0.18	1.4	0.051	2.98	22.4	63.9	1.14	1240	0.21	0.18	8.5	5.3
N810724		1.4	3.25	16.25	0.17	1.2	0.047	3.28	24.8	21.1	1.00	1470	0.19	0.06	8.1	2.6
N810725		1.2	2.89	16.30	0.16	1.2	0.049	3.72	21.5	15.0	0.63	1790	0.22	0.06	8.1	2.4
N810726		2.9	3.18	18.85	0.18	1.3	0.092	3.51	23.2	18.4	0.95	2220	0.23	0.05	8.4	2.8
N810727		2.5	3.13	18.65	0.16	1.3	0.106	3.45	18.8	20.4	0.66	1550	0.14	0.05	7.8	2.4
N810728		25.7	4.11	18.70	0.17	1.3	0.340	3.32	24.8	18.5	1.08	2910	0.18	0.05	7.8	2.2
N810729		1.9	0.46	0.36	0.26	<0.1	<0.005	0.03	0.7	1.0	12.60	206	0.09	<0.01	0.2	0.4
N810730		6030	14.65	13.85	0.26	0.9	5.47	2.21	15.3	10.3	0.77	2520	5.68	0.04	5.1	2.5
N810731		47.3	6.63	25.7	0.16	1.4	0.806	4.01	27.7	14.6	0.94	3280	0.65	0.08	8.4	4.2
N810732		11.0	3.68	19.10	0.17	1.7	0.073	2.56	24.5	47.8	1.06	1560	0.20	0.39	10.6	3.1
N810733		15.5	3.43	18.50	0.17	3.2	0.073	2.26	34.4	72.5	1.20	1290	1.29	0.06	10.7	9.3
N810734		20.9	3.50	19.60	0.19	4.2	0.040	1.42	37.5	97.1	1.38	909	1.12	0.05	12.0	11.5
N810735		43.5	5.92	18.65	0.17	2.6	0.129	2.33	26.4	50.3	1.12	1740	5.40	0.05	10.0	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176326

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N810700		550	9.5	98.3	<0.002	0.18	6.20	10.3	1	1.8	145.5	0.74	<0.05	12.7	0.253	2.11
N810701		440	9470	138.0	0.002	7.19	219	7.4	2	8.6	116.5	0.45	0.48	8.9	0.184	2.23
N810702		600	10.7	82.2	<0.002	0.10	4.73	12.0	1	1.6	191.0	0.74	<0.05	11.5	0.274	1.51
N810703		1000	18.8	89.1	<0.002	0.07	9.05	18.4	2	2.5	310	1.08	<0.05	13.7	0.429	2.17
N810704		660	12.8	79.7	<0.002	0.07	4.75	13.1	2	1.8	203	0.68	<0.05	9.8	0.297	1.36
N810705		660	11.9	73.7	<0.002	0.10	5.87	13.5	2	1.6	210	0.67	<0.05	10.1	0.302	1.69
N810706		700	11.6	83.4	<0.002	0.16	6.63	14.6	2	1.8	136.5	0.82	<0.05	12.8	0.317	2.11
N810707		590	431	97.3	<0.002	0.72	8.78	12.2	1	1.9	133.5	0.67	<0.05	12.9	0.265	1.85
N810708		200	1.5	1.6	0.002	0.02	<0.05	0.3	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.02
N810709		680	18.0	90.1	<0.002	0.21	7.50	13.4	2	1.8	164.0	0.84	<0.05	13.9	0.312	2.74
N810710		730	18.1	92.5	<0.002	0.22	9.73	15.1	2	1.8	140.5	0.87	<0.05	14.9	0.331	2.96
N810711		630	20.9	78.5	<0.002	0.22	10.70	12.7	1	1.4	170.5	0.71	<0.05	13.0	0.277	2.39
N810712		660	13.6	86.5	<0.002	0.11	6.07	13.1	1	1.5	186.0	0.68	<0.05	12.1	0.288	1.65
N810713		650	27.0	93.2	<0.002	0.04	6.28	13.0	1	1.5	227	0.71	<0.05	11.3	0.291	1.23
N810714		610	32.2	85.6	<0.002	0.03	9.93	12.6	1	1.8	207	0.70	<0.05	11.3	0.271	1.19
N810715		680	33.0	70.4	<0.002	0.16	12.55	13.8	2	1.9	612	0.81	<0.05	12.6	0.305	1.10
N810716		630	15.7	81.3	<0.002	0.20	5.33	12.7	1	1.7	188.0	0.68	<0.05	11.6	0.276	1.07
N810717		620	12.3	91.6	<0.002	0.04	4.23	12.4	1	1.6	253	0.73	<0.05	12.3	0.277	1.18
N810718		630	17.2	94.3	<0.002	0.09	7.50	12.0	1	1.6	270	0.68	<0.05	11.6	0.282	1.42
N810719		620	18.7	91.5	<0.002	0.09	8.06	12.5	1	1.8	276	0.72	<0.05	12.2	0.290	1.53
N810720		610	16.9	105.5	<0.002	0.24	8.78	12.2	1	2.0	105.0	0.73	<0.05	13.7	0.259	3.42
N810721		460	9680	132.5	<0.002	7.41	228	7.0	3	8.4	121.5	0.46	0.46	8.8	0.191	2.18
N810722		620	14.0	131.5	<0.002	0.20	7.18	12.1	1	1.5	123.0	0.70	<0.05	13.7	0.270	2.59
N810723		610	17.3	108.0	<0.002	0.16	5.69	11.6	1	1.5	176.0	0.70	<0.05	13.3	0.261	2.25
N810724		640	8.9	158.0	<0.002	0.20	3.85	12.3	1	1.4	133.0	0.64	<0.05	13.2	0.271	2.10
N810725		600	8.8	166.0	<0.002	0.22	3.47	11.2	1	1.4	120.5	0.66	<0.05	12.8	0.255	2.40
N810726		620	29.4	157.0	<0.002	0.21	3.44	12.2	1	1.8	148.5	0.69	<0.05	13.1	0.261	2.11
N810727		580	24.2	145.5	<0.002	0.17	3.85	11.3	1	1.7	117.0	0.61	<0.05	12.0	0.255	2.03
N810728		560	299	175.0	<0.002	0.61	6.09	11.5	1	2.1	123.5	0.64	<0.05	13.6	0.242	2.09
N810729		200	1.8	1.5	<0.002	0.02	<0.05	0.3	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02
N810730		390	3710	114.0	<0.002	>10.0	286	6.4	2	6.2	184.5	0.42	0.19	9.1	0.162	1.71
N810731		580	904	204	<0.002	2.82	14.60	11.2	1	6.5	135.5	0.73	<0.05	15.4	0.265	2.70
N810732		750	45.9	88.9	<0.002	0.23	9.56	14.1	2	2.2	207	0.90	<0.05	15.7	0.336	1.83
N810733		1290	55.4	99.1	<0.002	0.16	15.90	9.8	1	2.0	320	0.74	<0.05	11.5	0.369	1.56
N810734		1690	15.4	56.2	<0.002	0.01	21.4	8.5	1	2.4	363	0.79	<0.05	9.0	0.424	1.01
N810735		1100	1775	97.4	<0.002	2.60	40.0	9.8	2	4.5	258	0.73	<0.05	11.5	0.336	2.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176326

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001
N810700		5.2	68	0.8	11.8	47	46.1		
N810701		5.2	54	4.6	9.2	>10000	33.5	120	1.620
N810702		4.7	68	0.7	12.8	42	44.4		
N810703		4.8	122	1.9	20.1	75	53.6		
N810704		3.2	82	1.1	14.0	50	32.3		
N810705		3.5	77	1.1	13.9	51	31.3		
N810706		6.7	81	2.0	14.8	61	37.7		
N810707		4.7	71	2.1	14.0	2530	33.0		
N810708		0.6	2	0.1	0.9	16	<0.5		
N810709		4.7	82	1.6	14.1	65	38.7		
N810710		4.4	75	1.6	14.3	56	39.5		
N810711		5.1	75	1.8	15.9	57	31.8		
N810712		3.2	77	1.3	12.3	54	35.3		
N810713		3.7	73	1.6	14.0	83	33.9		
N810714		3.2	105	1.8	14.3	66	33.8		
N810715		3.8	102	1.6	16.4	84	38.2		
N810716		3.1	67	3.4	12.9	74	33.0		
N810717		3.0	74	1.1	12.2	64	32.3		
N810718		4.6	87	2.1	13.4	83	32.3		
N810719		4.6	92	2.2	14.0	87	35.7		
N810720		4.2	76	2.1	12.8	67	37.7		
N810721		5.5	54	4.4	9.4	>10000	30.6	124	1.635
N810722		4.0	81	1.9	12.4	55	38.9		
N810723		4.0	76	1.4	13.6	59	36.5		
N810724		5.6	70	2.1	15.7	45	30.5		
N810725		3.7	69	1.8	14.6	41	29.3		
N810726		4.7	77	3.2	15.1	84	34.4		
N810727		4.0	74	4.7	12.1	101	33.4		
N810728		6.0	67	6.9	13.0	1100	32.1		
N810729		0.9	3	0.1	0.9	16	<0.5		
N810730		8.4	56	9.2	6.8	5510	21.5	119	
N810731		11.5	106	6.1	11.0	2400	35.1		
N810732		6.5	81	2.2	17.3	152	43.6		
N810733		3.6	79	2.5	14.3	153	126.5		
N810734		4.1	84	3.0	13.6	84	173.0		
N810735		34.7	78	7.3	10.9	4010	99.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176326

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176327

Project: Klaza-91

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

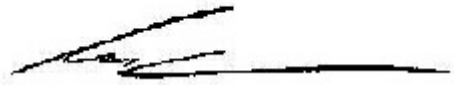
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176327

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810736		0.26	2.22	25.2	6.02	3460	1210	1.28	19.05	2.21	75.7	44.2	10.0	18	14.45	437
N810737		8.58	0.007	1.40	8.70	276	1690	2.15	1.66	4.02	2.55	59.1	13.9	8	15.15	5.4
N810738		6.21	0.005	0.67	7.09	413	1500	1.57	1.30	3.46	0.34	46.5	9.4	9	11.40	5.3
N810739		3.72	0.008	0.88	7.45	90.8	1450	1.70	2.33	3.43	0.20	53.4	15.3	9	13.00	3.2
N810740		6.70	<0.005	0.23	7.21	26.7	1440	1.66	0.82	2.93	0.05	42.5	9.0	11	16.55	3.2
N810741		7.03	<0.005	0.15	7.50	14.5	1600	1.42	0.52	3.26	0.35	48.7	8.4	10	12.65	4.0
N810742		2.96	<0.005	0.12	8.22	9.1	1420	1.34	0.36	1.35	0.08	53.6	7.3	9	11.25	2.9
N810743		1.19	<0.005	0.09	8.35	8.6	1220	1.33	0.26	1.30	0.10	57.2	6.8	9	11.65	3.9
N810744		4.00	<0.005	0.08	8.05	8.0	1550	1.26	0.32	2.51	0.06	49.3	9.3	9	12.20	3.1
N810745		7.76	0.006	0.28	7.26	22.1	1880	1.57	1.43	3.04	0.10	42.3	8.9	8	12.30	3.9
N810746		4.96	<0.005	0.20	7.91	28.9	5370	2.86	2.25	4.49	0.13	38.5	10.7	7	22.7	6.0
N810747		5.34	<0.005	0.15	8.86	17.0	7200	2.40	1.67	5.83	0.10	55.0	10.0	9	33.2	2.6
N810748		6.95	<0.005	0.16	7.04	87.3	1680	1.47	0.47	3.66	0.37	43.0	8.2	9	16.35	6.2
N810749		<0.02	<0.005	0.08	6.95	35.2	1660	1.41	0.34	3.65	0.16	44.2	8.0	9	15.95	5.3
N810750		9.05	<0.005	0.22	6.98	54.2	2050	1.52	0.45	2.78	0.13	40.5	7.5	9	13.65	9.0
N810751		8.13	<0.005	0.28	7.04	106.5	1450	1.53	0.40	2.74	0.11	45.3	8.0	10	20.5	7.1
N810752		8.51	<0.005	0.17	7.12	50.0	1490	1.42	0.22	3.00	0.16	48.2	7.1	9	21.7	4.6
N810753		8.36	<0.005	0.08	7.21	9.6	2030	1.49	0.32	3.00	0.08	38.7	7.7	8	15.50	3.1
N810754		7.69	<0.005	0.11	8.24	15.2	3560	2.23	0.81	3.44	0.14	40.7	10.1	8	25.3	2.3
N810755		0.26	4.49	>100	5.54	6710	1150	1.20	58.7	1.98	227	31.8	9.2	18	11.35	1265
N810756		7.99	<0.005	0.11	7.01	11.9	2570	1.68	0.15	2.59	0.11	35.5	7.7	11	16.45	5.9
N810757		7.39	<0.005	0.12	6.94	47.2	2290	1.24	0.23	2.83	0.24	37.6	7.5	11	12.05	7.0
N810758		6.88	<0.005	0.16	6.73	22.0	2420	1.19	0.24	2.77	0.19	46.4	7.9	9	15.10	10.4
N810759		6.15	<0.005	0.16	6.94	26.6	1590	1.28	0.34	2.54	0.25	49.3	7.6	11	19.45	14.9
N810760		5.04	<0.005	0.08	6.52	17.1	1770	1.51	0.25	3.76	0.14	32.2	6.5	9	16.05	13.3
N810761		6.69	0.007	0.31	7.43	37.0	2320	1.89	0.43	4.81	0.99	30.0	7.3	6	20.3	11.4
N810762		8.33	0.044	0.46	6.64	57.2	2250	1.50	0.57	3.90	1.85	39.1	6.8	7	24.5	17.8
N810763		4.40	0.123	1.32	6.06	206	750	1.51	1.34	3.79	1.86	43.1	7.3	8	16.15	53.3
N810764		2.23	<0.005	0.02	0.08	5	20	0.09	0.03	21.5	0.07	1.09	0.7	1	0.20	2.0
N810765		5.85	<0.005	0.18	6.07	42.5	7720	1.26	0.12	2.77	0.24	63.3	7.7	24	20.1	10.5
N810766		7.16	0.080	2.44	6.79	233	1030	1.41	2.41	2.75	16.20	54.9	8.3	11	8.76	41.5
N810767		4.17	<0.005	0.16	0.06	<5	50	0.05	0.02	21.3	0.07	1.06	0.5	1	0.11	2.6
N810768		4.12	0.088	4.21	7.80	102.5	500	1.19	5.95	3.31	20.3	52.0	27.3	7	6.47	32.4
N810769		7.25	<0.005	0.17	6.99	12.3	1460	1.17	0.32	2.54	0.34	42.7	9.6	7	6.44	5.1
N810770		5.94	<0.005	0.06	7.27	14.7	1790	1.42	0.26	2.87	0.13	47.4	5.4	10	6.82	2.3
N810771		4.95	<0.005	0.13	7.30	22.4	2320	1.43	0.49	3.66	0.31	44.2	12.4	10	8.40	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176327

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810736		6.82	14.10	0.14	0.9	1.630	2.61	23.4	23.4	0.92	1880	13.45	0.04	5.8	15.4	450
N810737		4.45	19.10	0.17	1.3	0.141	4.00	28.6	22.2	1.50	2980	0.77	0.18	9.5	3.6	720
N810738		3.16	14.80	0.15	1.1	0.078	3.30	24.7	22.5	1.29	1740	1.08	0.05	7.1	2.9	550
N810739		3.37	16.10	0.18	1.2	0.094	3.39	30.1	20.8	1.30	1800	0.95	0.06	7.9	3.6	580
N810740		2.91	17.05	0.14	1.1	0.050	2.57	19.6	33.1	0.70	1080	0.48	0.88	8.1	2.8	610
N810741		3.10	16.45	0.15	1.1	0.044	2.29	23.1	30.2	0.86	1130	0.66	1.25	7.9	2.9	610
N810742		2.87	17.95	0.16	1.2	0.045	2.23	27.8	54.8	0.52	815	2.53	0.08	8.8	2.4	680
N810743		2.90	18.25	0.15	1.2	0.034	2.25	30.5	52.6	0.51	810	1.34	0.08	8.9	2.4	660
N810744		3.22	18.25	0.17	1.3	0.044	2.31	24.2	33.6	0.69	853	0.46	0.41	8.8	2.6	690
N810745		3.59	16.90	0.14	1.1	0.104	2.55	21.1	28.3	0.73	1390	0.37	0.36	7.6	2.5	600
N810746		3.54	26.9	0.18	1.3	0.173	2.88	17.9	54.3	0.77	1900	0.28	0.17	9.2	3.5	650
N810747		4.23	24.9	0.16	1.4	0.116	2.30	25.4	36.8	1.18	2070	0.33	1.30	10.0	3.7	750
N810748		2.97	16.65	0.15	1.2	0.048	2.23	22.2	29.4	0.83	955	0.43	0.95	8.1	2.7	590
N810749		3.00	16.15	0.13	1.2	0.045	2.19	22.2	28.7	0.81	946	0.38	0.93	7.9	2.8	580
N810750		2.98	16.30	0.13	1.2	0.044	2.73	20.0	17.9	0.80	1060	0.90	1.22	7.9	2.7	550
N810751		2.96	17.50	0.16	1.3	0.045	2.69	21.3	31.3	0.76	942	0.73	1.00	8.4	2.8	580
N810752		2.98	15.80	0.17	1.1	0.035	2.44	25.4	30.3	0.96	952	0.62	0.89	7.4	2.6	580
N810753		3.21	16.25	0.16	1.1	0.039	2.39	18.5	34.3	0.83	854	0.34	1.65	7.9	2.7	630
N810754		3.27	19.35	0.17	1.3	0.041	2.24	19.6	73.3	0.94	1230	0.17	2.30	9.5	3.0	680
N810755		8.10	13.10	0.14	1.2	4.63	2.30	16.1	32.3	0.63	3050	15.80	0.08	5.4	14.4	450
N810756		2.92	14.20	0.12	1.2	0.042	2.36	15.8	33.1	0.81	790	0.31	1.67	7.3	3.0	590
N810757		2.95	13.55	0.14	1.1	0.031	2.52	16.4	28.7	0.98	820	0.38	1.09	7.0	2.9	560
N810758		2.99	11.20	0.13	1.2	0.033	2.01	20.9	47.1	1.02	935	0.55	0.05	7.4	3.0	560
N810759		2.63	11.60	0.14	1.2	0.044	2.33	22.0	36.2	0.95	863	0.97	0.05	7.3	3.0	570
N810760		2.68	11.55	0.13	1.1	0.029	2.42	14.3	40.9	1.11	981	0.34	0.08	6.1	2.6	490
N810761		2.64	12.60	0.14	1.1	0.071	2.99	14.5	23.2	1.63	1330	0.33	0.05	4.9	2.5	410
N810762		2.84	13.25	0.14	1.2	0.086	2.23	18.2	70.0	1.12	1140	0.37	0.04	5.7	3.0	500
N810763		3.62	12.65	0.14	1.4	0.198	2.09	21.4	109.5	1.13	1260	0.60	0.04	5.9	3.6	510
N810764		0.48	0.20	0.06	<0.1	0.006	0.03	0.5	1.3	12.85	219	0.15	0.01	0.1	1.7	180
N810765		2.75	14.85	0.17	3.4	0.035	1.96	30.4	50.4	0.92	831	0.81	0.03	8.5	9.4	1170
N810766		5.14	16.00	0.13	1.5	0.404	3.04	25.4	17.2	1.17	1900	14.20	0.05	6.8	4.1	610
N810767		0.46	0.17	0.06	<0.1	<0.005	0.02	0.5	1.0	12.70	215	0.18	0.01	0.1	1.6	210
N810768		6.70	21.3	0.17	1.1	0.450	3.84	24.1	9.2	1.06	3900	0.89	0.04	7.2	3.7	560
N810769		2.84	13.60	0.13	1.1	0.115	2.76	20.7	154.0	0.86	1040	0.20	0.04	6.1	2.1	450
N810770		3.14	15.35	0.13	1.3	0.072	2.66	22.1	187.0	1.03	1010	0.22	0.04	7.0	3.1	580
N810771		3.10	16.55	0.15	0.9	0.079	2.88	20.3	195.5	1.33	1220	0.38	0.04	7.2	2.8	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176327

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810736		2830	158.0	0.002	4.86	89.2	7.9	1	7.9	91.7	0.49	0.35	10.6	0.181	2.18	5.2
N810737		180.0	167.0	0.002	0.68	13.65	13.7	1	2.6	136.5	0.82	<0.05	15.5	0.312	3.09	8.3
N810738		29.5	147.5	<0.002	0.39	13.55	10.5	1	1.8	90.3	0.66	<0.05	13.5	0.252	2.81	9.3
N810739		21.6	171.0	<0.002	0.75	14.00	12.4	1	1.7	102.0	0.70	<0.05	14.7	0.259	2.94	7.3
N810740		13.5	95.0	<0.002	0.26	6.80	11.2	1	1.6	253	0.72	<0.05	11.8	0.269	1.87	4.4
N810741		40.7	81.8	<0.002	0.12	7.35	11.2	1	1.5	340	0.70	<0.05	14.0	0.269	1.34	4.7
N810742		15.7	79.7	<0.002	0.07	19.20	12.8	1	1.7	109.5	0.77	<0.05	16.8	0.292	0.98	3.8
N810743		15.3	83.6	<0.002	0.05	18.25	13.0	1	1.8	108.0	0.76	<0.05	16.9	0.299	0.89	2.8
N810744		21.7	76.8	<0.002	0.03	8.59	13.1	1	1.7	211	0.80	<0.05	15.3	0.299	1.16	5.1
N810745		21.9	93.4	<0.002	0.31	7.46	10.9	1	1.8	176.0	0.66	<0.05	12.3	0.266	1.64	4.9
N810746		22.1	82.5	<0.002	0.34	20.1	11.4	1	2.7	273	0.76	<0.05	10.9	0.294	2.64	10.5
N810747		35.4	85.9	<0.002	0.22	15.35	13.6	1	2.1	508	0.86	<0.05	14.9	0.320	1.86	4.2
N810748		35.2	80.3	<0.002	0.07	5.91	11.4	1	2.1	351	0.73	<0.05	12.8	0.266	1.00	4.4
N810749		24.7	75.3	<0.002	0.06	5.34	11.0	1	1.9	352	0.69	<0.05	12.7	0.263	1.02	4.4
N810750		31.0	107.5	<0.002	0.27	5.72	10.7	1	2.0	312	0.72	<0.05	13.7	0.256	1.48	3.9
N810751		20.7	108.0	<0.002	0.27	7.32	11.6	1	1.7	274	0.74	<0.05	14.0	0.265	1.72	5.3
N810752		17.3	106.0	<0.002	0.27	8.36	10.9	1	1.5	256	0.65	0.05	14.6	0.258	1.59	4.0
N810753		18.1	72.3	<0.002	0.05	4.66	11.2	1	1.5	347	0.71	<0.05	12.3	0.287	1.31	4.0
N810754		18.0	86.5	<0.002	0.22	7.30	12.9	1	1.8	306	0.82	<0.05	13.1	0.310	1.91	4.2
N810755		9380	137.0	0.002	7.24	213	7.7	<1	8.9	127.5	0.42	0.51	9.5	0.176	2.33	5.4
N810756		14.0	81.9	<0.002	0.16	5.83	10.2	<1	1.6	280	0.59	<0.05	9.8	0.253	1.60	3.0
N810757		24.1	84.3	<0.002	0.10	7.99	10.0	<1	1.5	275	0.58	<0.05	10.5	0.243	1.28	4.0
N810758		12.9	66.7	<0.002	0.16	13.50	10.6	1	1.6	147.0	0.62	<0.05	11.9	0.238	1.47	3.2
N810759		67.1	81.1	<0.002	0.15	12.20	10.9	<1	2.6	150.5	0.61	<0.05	12.6	0.245	1.90	3.4
N810760		11.1	66.5	<0.002	0.10	10.60	8.2	<1	1.9	178.0	0.53	<0.05	8.6	0.206	1.81	3.0
N810761		47.5	94.1	<0.002	0.22	11.05	7.0	<1	2.2	215	0.43	<0.05	7.8	0.173	2.01	3.7
N810762		105.0	93.1	<0.002	0.45	17.90	8.1	<1	2.0	193.0	0.47	<0.05	9.4	0.200	1.88	3.6
N810763		76.4	101.0	<0.002	1.33	26.8	9.0	<1	2.5	189.5	0.47	<0.05	10.9	0.206	2.03	4.8
N810764		1.7	1.2	<0.002	0.02	0.15	0.2	<1	0.4	42.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810765		17.3	88.9	<0.002	0.27	35.9	6.7	<1	1.6	445	0.55	<0.05	7.3	0.316	1.95	4.5
N810766		642	174.0	<0.002	2.33	23.0	9.1	<1	5.6	171.0	0.58	<0.05	12.5	0.248	2.49	7.6
N810767		2.4	1.0	<0.002	0.01	0.07	0.1	<1	0.4	49.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810768		794	197.5	<0.002	3.54	15.30	10.5	<1	6.3	85.5	0.69	0.10	13.7	0.238	3.26	6.1
N810769		17.7	155.0	<0.002	0.25	9.75	8.4	<1	1.9	92.4	0.59	<0.05	13.6	0.190	2.48	4.7
N810770		5.5	115.5	0.002	0.15	7.96	11.0	<1	1.8	117.0	0.65	<0.05	13.3	0.241	2.16	4.1
N810771		13.0	131.0	<0.002	0.32	10.40	10.9	<1	1.8	127.0	0.51	<0.05	10.7	0.250	2.43	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176327

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810736		58	5.0	9.7	5410	25.3		
N810737		80	4.5	16.1	330	34.2		
N810738		69	2.7	13.6	90	27.0		
N810739		66	2.4	15.5	58	31.5		
N810740		77	1.4	13.8	44	30.8		
N810741		77	1.3	16.5	94	29.4		
N810742		79	6.3	16.9	57	32.7		
N810743		79	6.4	17.1	58	32.4		
N810744		85	2.7	17.2	63	32.8		
N810745		75	3.3	13.2	83	28.6		
N810746		112	3.5	15.3	118	35.6		
N810747		105	3.1	18.8	177	37.7		
N810748		74	2.2	16.7	112	31.7		
N810749		75	2.2	16.3	87	30.9		
N810750		72	1.6	14.2	65	31.1		
N810751		73	2.0	15.2	62	35.9		
N810752		69	1.6	14.5	70	29.4		
N810753		80	1.2	13.8	72	28.3		
N810754		86	1.0	13.5	109	36.9		
N810755		52	4.6	9.4	>10000	32.2	115	1.550
N810756		73	0.8	11.3	74	26.7		
N810757		67	1.2	12.2	72	27.0		
N810758		54	0.9	12.0	74	29.8		
N810759		54	0.8	11.5	75	27.4		
N810760		62	0.8	10.4	66	26.2		
N810761		79	1.0	10.3	117	26.7		
N810762		69	2.2	10.2	199	30.0		
N810763		62	2.3	13.3	203	38.6		
N810764		1	0.1	0.7	15	<0.5		
N810765		65	2.1	12.9	87	133.5		
N810766		79	5.6	8.1	1900	42.6		
N810767		2	0.1	0.7	17	<0.5		
N810768		106	6.2	13.1	2070	27.5		
N810769		58	2.3	10.2	62	25.5		
N810770		64	2.4	11.0	48	29.1		
N810771		73	2.8	12.6	58	20.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12176327

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176328

Project: Klaza-92

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

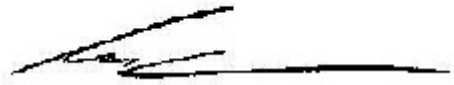
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176328

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812034		5.77	0.423	20.1	6.07	424	150	1.35	25.7	2.59	22.9	47.0	11.5	6	14.80	273
N812035		6.76	0.047	0.78	7.76	40.7	2080	1.57	1.26	2.52	0.53	52.2	8.1	9	12.50	45.4
N812036		3.01	0.563	9.68	6.93	823	220	1.47	11.70	1.84	34.0	50.1	6.9	9	16.20	200
N812037		2.36	<0.005	0.02	0.07	<5	20	<0.05	0.03	20.9	0.07	1.09	1.2	<1	0.15	1.6
N812038		6.12	<0.005	0.13	7.62	5.5	2110	1.54	0.14	2.71	0.17	51.3	7.4	11	9.38	19.3
N812039		0.23	4.37	>100	5.38	6970	70	1.08	60.6	1.95	224	32.1	8.7	17	11.15	1315
N812040		6.90	<0.005	0.21	7.28	9.5	2080	1.61	0.52	2.54	0.24	49.1	7.2	10	8.05	33.0
N812041		3.85	<0.005	0.15	7.68	8.7	2130	1.64	0.35	2.52	0.18	52.3	7.0	10	8.02	13.8
N812042		4.05	<0.005	0.11	7.30	8.5	2050	1.64	0.23	2.50	0.13	52.2	7.3	9	6.11	28.1
N812043		3.52	<0.005	0.13	8.31	11.5	2460	1.84	0.14	3.07	0.19	56.6	10.7	23	6.58	36.3
N812044		6.46	<0.005	0.07	7.52	8.5	2130	1.66	0.23	2.58	0.23	54.1	7.6	12	6.52	12.4
N812045		4.46	0.033	0.51	7.95	104.0	1100	1.41	0.99	2.29	0.79	50.9	7.3	11	12.90	27.1
N812046		7.59	<0.005	0.13	7.89	8.3	2240	1.39	0.35	2.73	0.14	47.9	7.1	12	7.97	20.5
N812047		7.82	0.013	0.08	7.88	5.4	2290	1.47	0.21	2.86	0.13	46.0	7.1	13	9.98	22.4
N812048		7.06	0.008	0.12	7.61	6.8	2190	1.25	0.39	3.04	0.13	40.0	6.7	11	11.70	32.6
N812049		<0.02	0.008	0.18	7.73	9.1	2200	1.25	0.38	3.08	0.15	43.7	6.9	10	12.35	31.7
N812050		2.42	<0.005	0.15	6.99	17.8	3570	1.34	0.90	2.88	0.20	38.8	8.9	9	17.00	11.5
N812051		5.51	<0.005	0.09	8.19	6.8	2370	1.49	0.24	3.16	0.11	50.7	6.8	10	12.55	16.1
N812052		5.70	<0.005	0.10	7.77	9.6	2190	1.32	0.34	2.88	0.10	47.2	7.8	9	14.65	21.5
N812053		5.89	<0.005	0.09	7.95	6.3	2350	1.54	0.22	2.81	0.11	47.5	7.2	10	9.44	18.5
N812054		6.47	<0.005	0.16	8.27	7.9	2410	1.42	0.37	3.12	0.13	52.7	8.5	10	9.83	38.9
N812055		7.63	0.005	0.12	8.38	8.2	2430	1.34	0.36	2.91	0.14	54.1	8.1	12	8.71	26.9
N812056		0.22	0.794	9.40	6.92	1785	1260	1.37	6.80	1.95	43.1	43.7	16.7	20	16.50	110.5
N812057		8.56	<0.005	0.13	7.75	7.5	2190	1.58	0.24	2.96	0.15	47.7	7.9	10	7.89	28.2
N812058		7.83	<0.005	0.22	7.76	8.0	2260	1.52	0.28	2.68	0.14	45.7	7.4	10	11.75	47.6
N812059		4.13	1.035	2.55	7.31	1730	820	1.38	3.19	1.45	6.25	46.3	9.2	7	16.85	46.0
N812060		2.95	1.310	7.68	6.64	411	620	1.15	6.80	3.03	62.6	41.1	8.4	7	11.50	83.2
N812061		2.40	<0.005	0.03	0.07	6	60	0.08	0.04	22.6	0.16	1.08	1.5	1	0.15	1.4
N812062		3.79	<0.005	0.09	7.91	11.1	2120	1.29	0.20	2.32	0.21	48.1	7.0	9	16.10	17.6
N812063		1.70	0.007	0.12	8.24	10.8	2240	1.32	0.24	2.23	0.16	55.4	7.2	10	16.05	20.3
N812064		3.18	<0.005	0.13	8.11	5.8	2320	1.59	0.28	2.88	0.12	50.2	8.0	11	11.70	16.0
N812065		2.87	<0.005	0.12	7.65	8.4	2160	1.48	0.50	2.94	0.13	44.2	7.8	9	15.95	16.0
N812066		3.69	<0.005	0.09	8.06	6.9	2410	1.52	0.33	2.93	0.09	42.4	7.7	10	13.70	15.4
N812067		3.57	0.045	0.71	7.54	112.0	950	1.35	1.16	2.73	2.06	50.8	8.4	8	19.70	15.8
N812068		6.19	<0.005	0.08	8.28	6.7	2250	1.58	0.28	2.88	0.12	52.1	7.6	11	15.40	14.0
N812069		4.51	<0.005	0.11	7.63	7.6	2220	1.43	0.27	2.81	0.13	42.8	7.9	10	19.10	15.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176328

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812034		5.18	14.50	0.15	0.8	0.473	2.65	24.2	15.6	0.90	4640	6.58	0.04	6.2	2.1	460
N812035		3.16	18.00	0.19	1.2	0.095	2.89	25.2	16.6	0.71	711	2.12	1.60	8.7	2.5	590
N812036		4.94	16.85	0.16	1.0	0.513	2.91	25.7	14.4	0.66	1950	30.1	0.23	7.7	2.5	510
N812037		0.45	0.29	0.23	<0.1	<0.005	0.02	0.5	0.9	12.45	200	0.18	0.01	0.3	0.3	180
N812038		2.98	16.85	0.14	1.1	0.042	2.75	24.4	12.9	0.81	617	1.47	2.28	8.7	2.4	600
N812039		8.06	12.00	0.14	1.1	4.75	2.38	14.8	33.4	0.61	2960	15.10	0.08	5.6	12.4	440
N812040		2.92	17.45	0.15	1.2	0.067	2.65	23.4	14.0	0.84	607	1.44	2.31	8.6	2.4	580
N812041		2.86	18.05	0.16	1.3	0.068	2.65	25.1	14.9	0.86	616	3.95	2.51	8.9	2.5	600
N812042		2.82	17.80	0.18	1.3	0.059	2.64	25.7	11.3	0.82	589	1.68	2.25	8.7	2.5	560
N812043		3.52	18.85	0.21	2.1	0.052	2.98	26.9	13.2	1.30	881	1.48	2.57	10.9	10.0	910
N812044		2.89	18.30	0.18	1.2	0.054	2.77	26.5	10.1	0.83	571	33.0	2.33	9.0	2.7	580
N812045		3.96	16.10	0.10	1.2	0.126	3.08	27.5	9.6	0.66	876	0.92	1.29	8.3	2.8	610
N812046		3.05	16.70	0.10	1.2	0.054	2.75	24.5	10.1	0.83	628	3.21	2.45	8.7	2.8	650
N812047		3.02	16.60	0.13	1.1	0.048	2.67	23.4	14.4	0.83	567	5.12	2.39	8.7	2.9	650
N812048		3.14	16.75	0.13	0.9	0.061	2.37	19.3	11.7	0.80	657	6.41	2.28	8.3	2.8	670
N812049		3.15	17.15	0.17	1.0	0.065	2.37	21.5	11.9	0.81	664	6.59	2.30	8.5	3.0	690
N812050		3.65	16.65	0.14	0.8	0.167	2.22	19.1	24.5	0.59	979	12.85	0.11	8.0	2.9	700
N812051		3.30	17.00	0.19	1.0	0.063	2.58	27.9	16.0	0.79	643	1.63	1.92	8.4	2.9	690
N812052		3.22	16.55	0.17	0.9	0.101	2.48	24.3	15.7	0.84	639	3.35	2.09	8.1	2.7	650
N812053		3.13	17.25	0.22	1.0	0.051	2.59	25.5	16.6	0.97	624	2.09	2.14	8.4	3.0	650
N812054		3.38	17.30	0.21	1.0	0.075	2.58	28.8	12.7	1.02	737	6.88	2.20	8.6	3.1	700
N812055		3.41	17.80	0.24	1.0	0.063	2.62	29.8	12.7	1.07	724	1.88	2.39	8.8	3.2	700
N812056		5.50	15.90	0.19	1.4	0.955	2.80	22.9	24.4	0.72	2050	11.90	0.27	7.9	17.6	520
N812057		3.16	17.70	0.17	1.1	0.044	2.59	24.4	12.0	0.95	741	2.30	2.29	8.7	3.2	650
N812058		3.19	17.40	0.20	1.0	0.063	2.68	23.0	12.2	0.79	671	7.94	2.04	8.8	3.2	660
N812059		6.34	16.45	0.19	1.0	0.253	3.05	24.6	13.3	0.64	1420	4.18	0.11	8.0	2.9	590
N812060		6.81	15.30	0.19	0.8	2.11	2.82	22.1	9.7	1.05	7670	2.07	0.05	6.6	2.6	500
N812061		0.52	0.34	0.08	<0.1	0.007	0.03	0.5	0.6	13.95	247	0.07	<0.01	0.3	2.0	200
N812062		3.29	16.85	0.17	1.1	0.050	2.62	24.6	22.8	0.67	776	2.78	1.14	8.6	2.7	670
N812063		3.34	17.05	0.22	1.1	0.040	2.70	30.3	21.0	0.72	760	2.85	1.28	8.4	2.8	660
N812064		3.14	17.75	0.24	1.0	0.048	2.74	26.1	12.7	0.83	632	3.92	2.41	8.8	3.0	650
N812065		3.03	17.30	0.22	1.0	0.049	2.64	21.8	15.0	0.67	698	1.09	1.52	8.4	3.0	650
N812066		3.17	17.70	0.24	0.9	0.053	2.68	21.4	9.7	0.69	580	1.51	2.20	8.6	3.0	660
N812067		4.68	16.00	0.21	0.9	0.199	2.91	28.0	18.0	1.00	1460	1.91	0.12	7.7	2.9	580
N812068		3.31	18.20	0.23	1.2	0.059	2.75	27.3	15.5	0.80	669	1.05	1.94	8.9	3.2	680
N812069		3.05	16.95	0.24	1.0	0.055	2.59	21.9	11.8	0.71	619	1.41	2.09	7.9	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176328

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812034		447	159.5	0.005	3.66	91.9	8.9	2	7.0	65.6	0.48	0.59	11.1	0.191	2.44	7.1
N812035		31.0	119.0	<0.002	0.28	7.73	11.2	1	4.5	298	0.76	0.12	15.2	0.249	1.42	4.9
N812036		1295	163.5	0.005	3.14	22.9	9.9	1	7.6	79.4	0.67	0.19	13.5	0.222	2.19	7.7
N812037		2.4	1.2	<0.002	0.01	0.05	0.2	1	<0.2	41.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812038		20.0	102.5	<0.002	0.02	1.04	10.6	1	1.8	387	0.72	<0.05	14.8	0.257	1.11	4.3
N812039		9460	125.0	<0.002	7.17	214	6.6	3	8.2	116.0	0.45	0.46	8.5	0.190	2.10	5.5
N812040		21.3	96.9	<0.002	0.03	1.33	11.4	1	1.8	392	0.70	<0.05	14.4	0.250	1.05	4.2
N812041		19.2	100.0	0.003	0.02	1.85	11.7	2	2.5	413	0.74	<0.05	15.1	0.257	1.00	4.9
N812042		18.0	99.5	<0.002	0.04	1.00	11.2	1	1.8	392	0.78	<0.05	15.6	0.243	0.98	5.8
N812043		22.3	110.0	<0.002	0.01	1.28	14.7	2	2.2	470	0.84	<0.05	16.0	0.371	1.18	5.2
N812044		20.1	106.5	0.014	0.21	1.57	11.6	2	2.1	372	0.77	0.06	16.3	0.253	1.07	5.5
N812045		45.7	150.5	<0.002	1.74	4.11	10.9	2	2.6	246	0.75	0.15	14.7	0.249	1.74	4.8
N812046		18.8	103.0	0.002	0.14	1.56	10.8	1	2.0	382	0.76	0.06	13.5	0.259	1.10	5.0
N812047		17.2	97.8	0.006	0.04	1.51	11.0	1	1.8	397	0.75	<0.05	13.0	0.261	1.00	4.3
N812048		18.1	78.8	0.004	0.03	2.34	11.2	1	2.2	415	0.60	<0.05	9.7	0.280	0.99	2.9
N812049		18.3	81.6	0.003	0.03	2.52	11.7	1	2.2	416	0.63	<0.05	10.4	0.280	0.95	3.0
N812050		18.9	84.8	0.007	0.58	16.50	11.2	1	3.0	109.0	0.58	0.17	9.3	0.260	1.31	4.5
N812051		16.5	99.7	0.002	0.08	3.94	12.0	1	2.8	370	0.65	0.05	12.5	0.281	1.04	3.2
N812052		16.6	88.2	0.002	0.13	3.20	11.3	2	3.5	369	0.64	0.05	11.3	0.265	0.96	3.3
N812053		17.1	99.7	<0.002	0.09	1.71	12.2	2	2.0	414	0.65	0.05	13.2	0.269	1.04	3.7
N812054		18.2	102.5	<0.002	0.13	1.75	12.5	1	2.5	420	0.64	0.05	12.7	0.281	1.05	3.7
N812055		17.0	99.8	<0.002	0.13	1.72	12.9	2	2.2	464	0.65	0.05	13.2	0.290	1.07	3.9
N812056		1350	153.0	<0.002	3.07	34.9	9.6	1	6.0	154.5	0.66	0.30	12.2	0.204	2.45	5.4
N812057		18.4	95.6	<0.002	0.04	1.69	12.5	2	2.2	403	0.72	<0.05	13.7	0.268	1.05	4.2
N812058		18.3	97.9	<0.002	0.06	3.03	12.0	2	2.3	369	0.76	<0.05	14.3	0.268	1.17	3.9
N812059		136.0	160.5	<0.002	4.27	18.00	11.1	1	5.5	63.0	0.67	0.21	13.4	0.231	2.41	7.3
N812060		652	150.5	<0.002	5.26	14.55	9.5	2	7.9	76.7	0.51	0.30	10.0	0.199	2.09	3.5
N812061		2.9	1.3	<0.002	0.02	0.07	0.3	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N812062		16.7	95.8	<0.002	0.04	10.00	11.8	1	2.2	238	0.70	<0.05	13.0	0.277	1.17	3.5
N812063		16.3	108.0	<0.002	0.05	8.58	11.9	2	2.0	255	0.68	<0.05	14.9	0.269	1.17	3.9
N812064		18.2	101.0	<0.002	0.08	2.90	11.9	1	2.0	410	0.71	<0.05	14.1	0.271	1.09	4.9
N812065		16.0	89.9	<0.002	0.18	3.08	11.1	1	2.0	297	0.70	0.15	12.4	0.263	1.09	4.6
N812066		16.0	100.0	<0.002	0.15	2.31	12.0	1	1.9	392	0.68	0.07	12.9	0.273	1.08	3.6
N812067		50.5	153.0	0.002	2.15	10.30	10.7	2	3.1	87.8	0.65	0.42	14.2	0.239	2.18	7.2
N812068		17.5	108.0	<0.002	0.17	3.30	12.7	2	2.0	350	0.77	0.06	15.1	0.276	1.16	4.5
N812069		22.0	97.7	<0.002	0.16	1.84	11.4	2	1.9	364	0.63	<0.05	11.9	0.252	1.06	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176328

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812034		56	4.6	12.3	1910	19.8		
N812035		69	2.3	17.6	113	30.6		
N812036		63	3.9	13.3	2430	24.6		
N812037		2	0.1	0.8	15	<0.5		
N812038		71	1.5	17.8	51	28.1		
N812039		53	4.3	8.6	>10000	29.3	121	1.650
N812040		69	1.3	17.7	55	29.8		
N812041		71	1.2	19.0	54	33.0		
N812042		67	1.3	18.5	46	32.6		
N812043		96	2.5	23.3	67	56.3		
N812044		69	1.2	18.8	46	31.8		
N812045		70	2.3	15.5	100	34.9		
N812046		72	1.8	17.3	46	43.8		
N812047		74	1.6	17.1	43	32.5		
N812048		76	1.2	16.0	45	27.0		
N812049		76	1.2	16.6	46	33.1		
N812050		77	2.9	17.1	62	22.4		
N812051		79	1.8	15.6	51	28.1		
N812052		76	2.1	15.0	44	34.7		
N812053		75	1.7	16.9	42	30.4		
N812054		80	2.5	18.4	50	29.9		
N812055		81	1.8	19.3	49	25.3		
N812056		58	5.2	11.8	3030	47.5		
N812057		78	1.7	18.5	47	35.1		
N812058		77	3.7	16.2	51	29.7		
N812059		67	5.2	12.6	485	29.8		
N812060		57	5.2	11.3	4500	20.8		
N812061		1	0.1	0.8	22	0.7		
N812062		79	4.3	16.4	54	38.3		
N812063		76	3.9	17.4	49	60.9		
N812064		76	3.5	18.2	45	26.7		
N812065		73	2.6	16.2	43	26.2		
N812066		77	1.4	16.2	44	26.7		
N812067		68	3.0	15.2	210	23.5		
N812068		77	1.4	18.1	47	28.5		
N812069		71	1.2	15.4	47	25.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176328

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12176329

Project: Klaza-92

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176329

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812070		7.28	<0.005	0.20	7.32	15.1	2090	1.27	0.41	2.76	0.30	41.9	7.8	11	14.85	15.9
N812071		2.52	<0.005	0.10	8.08	7.4	1770	1.27	0.39	1.02	0.14	46.2	6.6	10	15.10	21.1
N812072		1.31	<0.005	0.07	8.17	6.7	1770	1.12	0.20	1.05	0.12	43.7	6.5	10	15.00	16.1
N812073		3.52	0.117	1.14	6.93	69.6	1060	1.41	0.61	3.13	8.27	53.6	7.2	8	20.6	21.5
N812074		4.27	0.013	0.31	7.28	32.5	1370	1.44	0.33	2.21	2.64	46.3	6.3	9	20.9	14.6
N812075		5.50	0.015	0.71	7.39	21.1	2020	1.44	1.50	2.49	1.85	53.6	7.9	9	19.80	17.5
N812076		2.25	<0.005	0.02	0.08	<5	20	0.05	0.04	20.2	0.05	1.10	0.6	<1	0.24	2.6
N812077		5.64	<0.005	0.11	7.56	6.0	2300	1.36	0.31	2.76	0.13	39.6	7.2	10	14.70	13.8
N812078		5.75	0.569	12.65	6.87	169.0	1020	1.57	10.40	2.14	2.14	56.3	11.2	9	11.65	671
N812079		0.24	4.25	>100	5.50	8310	380	0.94	69.4	1.97	231	32.4	9.1	17	10.70	1240
N812080		5.79	0.014	0.14	7.26	7.9	2160	1.35	0.34	2.67	0.31	45.3	6.4	10	16.00	20.5
N812081		6.78	0.094	0.90	7.38	186.5	2000	1.36	0.61	2.00	0.59	45.0	6.0	10	15.50	19.8
N812082		2.59	0.132	4.15	6.83	682	1790	1.46	1.52	2.33	11.15	45.3	6.4	8	15.10	188.0
N812083		6.87	<0.005	0.21	7.77	11.6	2280	1.54	0.63	2.55	0.12	52.7	7.1	11	10.55	32.1
N812084		5.16	<0.005	0.12	7.00	7.4	2240	1.45	0.26	2.27	0.12	42.0	6.0	11	11.15	14.2
N812085		8.42	<0.005	0.31	7.12	11.2	2340	1.23	0.64	2.77	0.14	39.5	6.6	9	13.05	42.0
N812086		3.36	<0.005	0.12	7.32	8.2	2680	1.04	0.28	2.06	0.25	56.1	4.4	10	13.05	7.8
N812087		2.67	0.005	0.18	7.76	12.2	1910	1.17	0.27	1.32	1.54	53.8	4.7	9	11.00	9.3
N812088		0.22	2.21	25.3	6.15	3600	1830	1.21	21.2	2.24	79.5	45.0	10.3	19	13.45	442
N812089		7.59	0.006	0.14	6.88	14.1	1780	1.64	0.67	2.45	0.16	58.4	17.5	9	9.04	6.8
N812090		2.86	0.005	0.16	6.88	7.7	1820	1.57	0.30	2.24	0.16	64.9	6.5	9	10.20	7.9
N812091		4.75	<0.005	0.05	6.59	5.1	2150	1.50	0.16	2.75	0.10	36.2	6.8	10	14.20	8.3
N812092		3.63	0.034	1.28	6.89	392	2090	1.54	2.11	2.27	2.94	36.2	7.7	9	10.85	32.2
N812093		5.59	0.014	0.13	7.03	7.2	2130	1.54	0.26	2.14	0.08	39.7	6.4	10	8.14	8.9
N812094		2.46	2.80	8.46	6.11	1520	530	1.46	10.70	1.48	10.90	41.5	11.1	71	11.45	231
N812095		3.97	<0.005	0.15	0.07	<5	20	0.07	0.06	20.0	0.07	1.23	0.6	<1	0.16	3.9
N812096		2.52	0.009	0.69	6.61	22.1	2050	1.50	1.78	2.24	0.21	33.4	7.6	8	11.60	14.6
N812097		7.79	<0.005	0.28	6.91	9.8	2050	1.50	0.36	2.44	1.24	38.4	5.9	11	7.44	15.2
N812098		5.69	<0.005	0.18	6.87	8.9	2390	1.52	0.26	2.51	0.21	36.1	6.1	15	8.38	19.9
N812099		<0.02	<0.005	0.19	6.78	8.1	2370	1.59	0.27	2.49	0.19	35.8	6.0	10	8.46	20.0
N812100		8.25	0.006	0.17	7.19	6.1	2160	1.47	0.38	2.51	0.09	44.6	7.6	11	6.90	24.5
N812101		4.20	<0.005	0.16	7.34	6.7	2370	1.54	0.25	2.62	0.21	41.2	6.3	10	7.76	18.9
N812102		3.83	<0.005	0.17	7.00	7.8	2820	1.39	0.29	2.51	0.21	35.4	6.2	10	7.93	14.8
N812103		8.65	<0.005	0.13	6.89	7.5	2320	1.44	0.23	2.21	0.14	43.3	6.2	9	6.65	12.1
N812104		7.80	0.012	0.20	6.85	12.9	2230	1.43	0.44	2.50	0.20	48.1	4.1	9	7.69	13.9
N812105		5.43	0.006	0.13	7.05	8.4	2190	1.54	0.27	2.65	0.31	40.2	6.3	10	8.60	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812070		3.09	16.75	0.12	1.0	0.074	2.58	18.6	9.6	0.72	603	1.51	2.08	7.8	3.2	620
N812071		3.04	18.80	0.14	1.1	0.051	2.34	19.9	30.4	0.38	670	2.87	0.08	9.1	3.2	690
N812072		3.16	18.55	0.14	1.1	0.047	2.36	19.2	30.2	0.39	668	2.58	0.08	9.0	2.8	710
N812073		3.80	16.05	0.15	1.0	0.122	2.78	25.9	16.1	1.08	3660	3.56	0.03	7.2	2.9	550
N812074		3.81	16.30	0.15	0.8	0.112	2.67	21.8	22.4	0.84	1340	21.0	0.06	7.6	2.9	610
N812075		3.67	17.00	0.16	1.1	0.123	2.66	26.0	20.9	0.77	1340	3.75	0.22	7.9	2.9	600
N812076		0.47	0.21	0.07	<0.1	0.006	0.03	0.5	1.1	12.00	210	0.11	<0.01	0.2	1.9	180
N812077		3.16	16.85	0.14	1.2	0.046	2.64	16.9	9.2	0.70	595	1.07	2.05	8.1	3.5	670
N812078		4.46	16.25	0.17	1.0	0.495	2.98	28.3	15.6	0.81	1290	2.66	0.05	7.3	3.3	530
N812079		8.26	13.30	0.15	1.0	4.56	2.27	15.1	27.8	0.62	3130	14.65	0.08	5.4	14.2	460
N812080		3.07	16.75	0.13	1.1	0.082	2.71	19.8	15.1	0.63	652	7.96	1.63	8.0	3.0	600
N812081		3.36	16.65	0.15	1.2	0.124	2.86	20.6	12.9	0.57	756	1.31	1.24	7.7	2.9	580
N812082		4.03	15.65	0.14	1.0	0.197	2.80	21.9	18.5	0.76	1260	1.48	0.16	6.6	2.5	550
N812083		3.24	18.05	0.17	1.1	0.084	2.81	23.6	13.8	0.85	626	3.24	2.02	8.2	3.3	620
N812084		3.03	17.05	0.16	1.1	0.051	2.68	19.1	16.7	0.76	487	2.18	2.11	7.7	3.0	630
N812085		3.08	16.85	0.15	1.1	0.084	2.70	17.7	25.1	0.74	658	4.01	1.26	8.1	3.3	610
N812086		2.73	16.10	0.17	1.1	0.070	2.69	25.9	17.0	0.69	600	3.75	1.72	7.8	2.7	580
N812087		3.23	17.00	0.13	1.3	0.096	2.68	25.3	27.1	0.52	910	2.29	0.14	8.2	3.0	640
N812088		6.79	14.60	0.13	1.0	1.590	2.68	22.1	21.9	0.90	1950	13.25	0.04	5.8	15.5	460
N812089		2.99	15.70	0.09	1.3	0.081	2.19	34.3	12.7	0.69	548	6.22	2.03	8.3	2.4	550
N812090		2.88	14.30	0.10	1.1	0.062	2.14	37.2	11.7	0.70	526	105.5	2.09	7.5	3.4	550
N812091		2.77	15.35	0.10	1.2	0.053	2.38	17.3	13.7	0.68	553	2.58	2.07	7.5	3.3	560
N812092		3.52	15.10	0.09	1.2	0.276	2.52	19.5	25.4	0.76	737	6.19	1.09	7.7	3.4	610
N812093		3.32	15.05	0.09	1.3	0.058	2.31	21.4	12.0	0.78	523	14.20	1.93	7.7	3.9	640
N812094		7.56	13.80	0.09	1.1	0.470	2.62	23.9	12.3	0.86	3570	6.90	0.04	5.7	26.3	470
N812095		0.46	0.22	0.06	<0.1	0.009	0.03	0.6	0.9	12.45	197	0.16	0.01	0.2	1.6	190
N812096		3.60	14.50	0.10	1.2	0.248	2.78	16.7	13.8	0.63	912	4.69	0.79	7.9	2.9	590
N812097		3.02	14.50	0.08	1.3	0.075	2.51	18.4	9.5	0.76	669	3.23	1.99	7.6	2.8	570
N812098		2.81	14.75	0.10	1.3	0.071	2.61	19.5	10.6	0.73	733	2.03	2.00	7.4	2.9	550
N812099		2.80	15.00	0.09	1.3	0.073	2.57	17.9	10.7	0.71	724	1.90	1.98	7.6	2.8	560
N812100		2.96	14.25	0.09	1.2	0.086	2.41	25.3	9.9	0.78	626	21.0	2.17	7.3	2.9	570
N812101		3.06	15.65	0.11	1.0	0.062	2.52	22.2	11.9	0.89	749	2.75	2.09	8.0	3.1	630
N812102		3.10	14.40	0.08	1.0	0.063	2.48	19.0	15.4	0.81	692	1.29	2.09	7.3	2.9	600
N812103		2.87	15.05	0.11	1.0	0.072	2.54	22.8	17.6	0.84	591	1.90	2.22	7.5	3.1	590
N812104		2.79	14.45	0.09	1.0	0.108	2.44	27.4	12.1	0.75	698	9.27	1.93	7.1	2.9	560
N812105		2.70	14.90	0.10	1.2	0.119	2.60	21.4	8.7	0.67	598	8.36	2.10	7.6	2.9	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812070		23.8	92.2	<0.002	0.28	2.03	10.4	1	2.1	360	0.61	<0.05	11.5	0.253	1.11	3.8
N812071		14.6	102.0	<0.002	0.06	15.80	12.5	1	2.4	78.4	0.69	<0.05	15.0	0.281	1.22	3.9
N812072		13.6	96.5	<0.002	0.06	15.20	11.9	<1	2.3	77.0	0.74	<0.05	14.2	0.294	1.15	3.3
N812073		302	153.5	<0.002	0.85	13.70	10.6	<1	4.4	63.7	0.58	0.10	13.5	0.225	3.56	7.8
N812074		76.8	102.5	0.006	0.32	11.40	10.5	1	3.8	96.7	0.55	<0.05	11.7	0.248	2.20	5.1
N812075		77.1	125.0	<0.002	0.86	11.75	11.0	1	3.0	124.5	0.65	0.19	14.4	0.245	1.96	6.4
N812076		1.3	1.5	<0.002	0.02	0.06	0.2	<1	0.5	43.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N812077		17.8	91.1	<0.002	0.12	2.62	10.5	1	2.2	384	0.64	<0.05	10.9	0.274	1.16	4.1
N812078		141.0	184.0	<0.002	2.44	87.8	10.1	1	7.2	87.7	0.63	0.45	16.1	0.215	2.34	7.5
N812079		9590	134.0	<0.002	7.18	221	7.3	1	8.8	126.0	0.39	0.48	9.1	0.176	2.31	5.8
N812080		25.1	97.0	0.002	0.09	4.68	10.0	<1	2.4	311	0.62	<0.05	11.9	0.251	1.36	3.8
N812081		33.2	120.0	<0.002	0.55	6.73	9.9	1	2.7	244	0.63	0.07	13.5	0.242	1.52	4.5
N812082		213	123.0	<0.002	1.69	23.0	9.5	1	3.8	106.5	0.52	0.21	11.3	0.219	2.07	3.8
N812083		19.2	120.5	<0.002	0.21	1.92	11.6	1	4.2	406	0.61	<0.05	13.2	0.260	1.42	4.5
N812084		16.2	92.1	0.002	0.05	2.18	10.4	<1	2.7	418	0.56	<0.05	11.6	0.259	1.09	3.6
N812085		17.0	98.2	<0.002	0.16	6.57	10.4	<1	4.5	185.5	0.62	<0.05	11.5	0.249	1.52	3.6
N812086		17.5	103.5	0.003	0.08	7.93	10.1	1	3.2	260	0.58	<0.05	13.4	0.242	1.16	4.0
N812087		59.2	115.5	<0.002	0.13	11.60	11.3	1	3.2	98.1	0.67	<0.05	15.8	0.256	1.35	3.2
N812088		2830	167.5	<0.002	4.98	92.1	8.0	1	8.0	92.9	0.46	0.36	11.3	0.177	2.48	5.9
N812089		19.7	78.8	0.004	0.48	2.53	10.2	2	2.9	315	0.76	0.32	10.9	0.245	1.00	3.6
N812090		16.0	84.8	0.007	0.08	2.87	9.2	1	3.0	306	0.71	0.07	12.2	0.239	0.86	3.9
N812091		16.2	74.3	<0.002	0.04	1.85	9.5	1	2.0	382	0.56	0.06	9.1	0.254	0.95	2.9
N812092		208	93.7	<0.002	0.95	5.95	9.7	1	3.0	244	0.74	0.58	10.0	0.247	1.35	3.6
N812093		16.7	77.7	<0.002	0.10	3.60	9.8	<1	2.4	340	0.66	0.06	10.5	0.258	1.02	3.3
N812094		303	151.5	<0.002	5.39	52.1	11.4	<1	10.6	50.1	0.52	0.34	8.9	0.224	2.19	3.7
N812095		2.1	1.4	<0.002	0.02	0.09	0.2	1	0.4	43.5	<0.05	<0.05	<0.2	<0.005	0.03	0.9
N812096		41.7	103.5	0.003	1.40	6.04	9.6	1	2.9	191.5	0.76	0.27	9.7	0.243	1.61	4.3
N812097		40.1	78.1	<0.002	0.22	2.45	9.1	1	2.3	355	0.70	0.06	10.8	0.239	1.04	3.5
N812098		24.4	80.9	<0.002	0.15	2.20	9.1	1	2.4	374	0.68	<0.05	11.1	0.237	1.16	3.6
N812099		24.1	80.3	<0.002	0.14	2.08	9.1	1	2.5	369	0.68	<0.05	10.4	0.239	1.19	3.4
N812100		19.4	80.6	0.002	0.18	2.18	9.3	<1	2.5	372	0.67	0.09	12.2	0.256	0.94	3.6
N812101		35.1	82.5	<0.002	0.10	2.62	10.4	<1	2.0	407	0.64	<0.05	11.0	0.276	1.08	3.4
N812102		37.9	79.9	<0.002	0.33	2.41	9.5	1	2.2	386	0.59	0.06	9.7	0.248	1.10	2.9
N812103		21.5	86.0	<0.002	0.13	2.47	9.6	1	2.1	384	0.60	<0.05	8.8	0.247	0.96	3.0
N812104		23.4	83.1	0.002	0.22	2.94	9.0	1	2.2	338	0.63	<0.05	11.2	0.233	1.17	3.4
N812105		26.2	97.4	<0.002	0.15	2.63	9.3	1	2.1	378	0.67	<0.05	11.6	0.244	1.09	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812070		72	1.2	14.5	52	21.8		
N812071		78	12.5	15.6	41	27.0		
N812072		80	11.8	14.3	42	25.1		
N812073		69	8.4	14.7	717	21.9		
N812074		71	5.7	14.2	258	19.4		
N812075		71	3.6	16.1	191	24.5		
N812076		2	0.1	0.7	11	<0.5		
N812077		78	1.1	14.5	43	24.3		
N812078		62	3.0	12.5	198	22.1		
N812079		53	4.6	9.2	>10000	30.8	123	1.695
N812080		72	1.4	14.2	59	24.1		
N812081		68	2.1	13.7	76	25.3		
N812082		64	2.0	12.3	1300	21.8		
N812083		74	1.0	16.6	42	26.4		
N812084		75	0.9	14.1	39	24.8		
N812085		69	4.8	14.6	57	26.4		
N812086		68	1.8	15.1	47	26.7		
N812087		74	4.6	16.4	166	27.8		
N812088		58	5.1	9.3	5300	24.6		
N812089		69	2.0	15.9	45	28.4		
N812090		67	1.1	15.2	43	26.5		
N812091		69	0.9	14.3	39	28.0		
N812092		70	2.2	13.0	294	25.6		
N812093		72	2.8	13.1	42	26.2		
N812094		76	6.3	9.5	967	25.6		
N812095		3	0.1	0.8	14	<0.5		
N812096		67	2.2	13.6	53	24.1		
N812097		66	3.4	13.5	161	27.3		
N812098		66	4.0	13.7	52	28.0		
N812099		65	4.1	13.5	50	27.1		
N812100		68	1.2	14.3	51	23.7		
N812101		72	1.3	15.2	63	22.0		
N812102		68	1.3	13.4	52	20.7		
N812103		67	1.2	13.9	46	22.4		
N812104		63	1.5	13.0	57	23.3		
N812105		65	2.3	14.5	53	27.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-92

CERTIFICATE OF ANALYSIS WH12176329

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
This copy reported on 7-AUG-2012
Account: ROCKHA

CERTIFICATE WH12177505

Project: Klaza-77

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158894**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12177505

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M897459		0.005
M897460		0.007
M897461		<0.005
M897462		<0.005
M897463		0.067
M897464		0.265
M897465		<0.005
M897466		<0.005
M897467		2.24
M897468		<0.005
M897469		<0.005
M897470		<0.005
M897471		<0.005
M897472		<0.005
M897473		<0.005
M897474		<0.005
M897475		0.781
M897476		0.010
M897477		0.007
M897478		0.074
M897479		0.450
M897480		<0.005
M897481		0.010
M897482		0.022
M897483		0.016
M897484		0.249
M897485		0.014
M897486		0.193
M897487		0.015
M897488		0.089
M897489		0.035
M897490		<0.005
M897491		0.056
M897492		0.199
M897493		0.520
M897494		0.990

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158894**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
This copy reported on 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12177506

Project: Klaza TR-12-2

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12177506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
M895106		1.22	8.39	26.5	2790	1.72	1.20	0.56	1.56	61.5	7.1	9	17.75	48.1	3.52	18.75
M895107		3.94	7.89	81.0	2080	1.85	6.50	0.30	1.69	71.4	9.8	8	28.0	206	4.20	19.30
M895108		0.63	8.96	12.2	2270	1.50	0.96	0.42	0.94	63.3	5.9	11	13.35	30.8	3.10	19.00
M895109		0.53	8.87	18.4	3280	1.50	1.09	0.27	1.41	72.1	9.9	7	15.80	52.9	3.74	18.65
M895110		0.44	9.20	11.4	2410	1.43	0.90	0.30	0.67	63.5	7.9	8	13.30	44.3	3.07	19.85
M895111		0.59	8.85	15.4	2290	1.45	1.49	0.36	1.49	67.9	7.6	10	14.20	81.4	3.50	19.05
M895112		0.62	7.96	17.4	2240	1.72	1.31	1.08	1.01	57.4	9.3	11	11.95	67.4	3.46	18.45
M895113		0.68	9.08	18.9	2610	1.24	1.24	0.38	0.91	66.4	12.4	9	12.30	66.0	3.22	19.40
M895114		0.42	8.84	13.0	2760	1.33	0.67	0.27	1.24	68.4	9.6	10	13.05	39.9	3.97	18.80
M895115		0.51	9.18	9.8	2430	1.40	0.74	0.38	0.57	56.0	5.6	9	13.25	34.2	2.90	19.85
M895116		0.22	8.22	10.2	2540	1.49	0.91	1.17	0.44	59.0	8.4	12	6.67	26.4	3.31	18.30
M895117		0.55	8.55	15.7	3100	1.70	3.42	0.61	0.35	66.2	14.0	9	9.71	49.4	3.63	18.45
M895118		0.35	8.52	10.3	2620	1.74	1.06	1.38	0.29	59.3	9.4	13	8.52	20.6	3.41	18.30
M895119		29.5	6.30	3690	790	1.29	20.3	2.33	85.6	47.1	11.1	17	15.30	462	6.98	14.70
M895120		0.83	8.54	19.5	2150	1.67	2.77	0.50	0.54	56.6	7.7	10	14.35	63.6	3.54	18.75
M895121		1.14	8.19	83.2	2640	2.07	1.67	0.27	5.39	68.0	10.8	9	29.7	52.2	4.25	18.85
M895122		2.17	8.75	139.5	1680	1.56	5.26	0.12	0.67	47.7	5.4	10	15.65	33.0	5.33	18.40
M895123		4.62	9.35	317	1370	1.62	11.75	0.11	0.93	77.8	4.4	9	14.90	54.1	8.15	21.8
M895124		3.63	7.73	181.5	1040	1.34	8.03	0.12	0.85	52.7	5.4	10	13.30	35.5	7.70	17.35
M895125		0.70	8.57	19.1	1940	1.39	3.59	0.19	0.68	51.8	20.6	8	11.75	58.6	4.28	16.90
M895126		0.07	0.08	<5	20	0.09	0.05	21.9	0.07	1.31	0.7	<1	0.19	1.9	0.48	0.26
M895127		0.49	9.17	20.2	3090	1.56	3.98	0.26	0.33	70.9	18.4	9	9.96	18.5	5.01	18.35
M895128		0.52	8.24	22.9	1810	1.43	1.84	0.28	0.28	62.4	7.9	8	20.6	33.2	3.44	17.65
M895129		0.69	8.58	41.4	4050	1.66	3.52	0.25	0.38	64.0	10.8	7	15.20	31.8	4.65	17.55
M895130		1.49	8.22	110.5	2860	1.96	2.57	0.20	0.66	61.3	13.2	10	22.3	26.4	4.20	18.15
M895131		0.51	6.78	18.6	2040	1.47	1.93	0.26	0.37	41.1	7.3	9	9.49	38.1	3.43	19.20
M895132		0.32	8.41	13.1	2900	1.61	1.78	0.34	0.32	58.0	5.1	11	10.90	16.5	3.57	17.65
M895133		0.43	8.71	14.7	2780	1.33	2.83	0.29	0.28	62.6	9.2	8	11.25	40.1	3.66	18.95
M895134		0.34	8.76	17.1	2230	1.48	2.17	0.28	1.04	59.7	8.1	11	12.30	34.9	3.78	19.95
M895135		4.82	8.05	639	1170	1.63	2.70	0.23	3.13	60.8	6.4	10	18.55	329	4.08	17.50
M895136		2.44	9.06	333	3060	1.64	4.71	0.28	2.81	66.0	9.2	12	16.20	40.3	4.44	20.2
M895137		0.65	8.09	88.5	2380	1.59	2.29	0.92	1.02	52.2	9.8	16	8.16	24.4	3.55	16.70
M895138		0.58	8.38	99.4	2170	1.72	1.22	0.61	1.52	56.1	7.3	13	11.15	17.4	3.66	18.25
M895139		0.38	8.25	19.3	2460	1.48	0.92	0.78	1.04	55.7	5.6	11	15.15	19.8	3.65	17.10
M895140		0.29	7.71	10.3	2090	1.35	0.75	0.57	0.25	51.5	7.2	11	12.40	18.4	3.37	16.05
M895141		0.35	7.54	11.0	2420	1.49	1.04	0.60	0.26	39.7	7.5	11	11.20	19.6	3.61	16.65

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12177506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
M895106		0.19	1.3	0.174	2.99	31.2	23.3	0.58	943	1.07	1.06	9.2	4.1	700	56.1	142.0
M895107		0.23	1.4	0.398	3.08	41.3	21.0	0.25	1040	2.79	0.39	8.4	3.9	730	116.0	163.0
M895108		0.15	1.3	0.097	3.04	28.3	25.5	0.31	489	1.07	0.77	9.0	3.5	720	41.1	132.5
M895109		0.18	1.3	0.108	2.92	36.9	31.4	0.15	885	2.20	0.29	9.2	4.0	770	27.4	147.0
M895110		0.17	1.4	0.101	3.02	31.6	24.1	0.17	836	1.12	0.46	9.5	3.7	740	25.6	134.5
M895111		0.15	1.5	0.157	2.87	34.5	28.0	0.19	967	1.24	0.37	9.4	4.1	750	40.6	123.5
M895112		0.19	1.2	0.150	2.74	30.0	16.3	0.51	688	1.19	1.89	9.0	4.9	670	41.4	120.5
M895113		0.20	1.3	0.109	3.29	31.5	19.8	0.29	488	1.14	0.73	9.1	4.1	720	27.6	148.5
M895114		0.21	1.3	0.073	2.92	39.6	34.7	0.15	882	1.69	0.13	8.8	6.2	690	22.9	137.0
M895115		0.19	1.3	0.082	3.03	24.8	24.9	0.28	397	0.94	0.71	8.9	3.8	720	23.0	125.5
M895116		0.14	1.3	0.095	2.83	29.9	15.6	0.72	543	7.70	1.94	9.0	4.4	670	22.1	123.0
M895117		0.16	1.3	0.150	3.06	33.1	18.9	0.90	612	1.05	1.62	8.6	4.3	690	26.4	144.5
M895118		0.17	1.3	0.111	2.92	31.7	15.1	0.77	639	1.65	2.02	8.7	4.9	680	24.4	135.5
M895119		0.18	1.0	1.790	2.79	25.5	24.5	0.96	2030	13.70	0.04	6.0	15.7	470	3030	178.0
M895120		0.19	1.4	0.211	2.68	33.1	24.1	0.53	658	1.31	1.51	8.7	3.8	630	23.2	141.0
M895121		0.20	1.5	0.330	3.60	42.6	11.0	0.34	5930	3.90	0.05	8.8	4.8	650	85.7	240
M895122		0.21	1.2	0.626	3.97	30.5	8.4	0.30	696	3.32	0.05	8.3	2.2	490	44.4	254
M895123		0.29	1.4	0.747	4.35	55.7	15.7	0.33	801	2.53	0.08	8.1	3.5	680	188.5	276
M895124		0.24	1.2	0.452	3.40	34.8	19.3	0.26	1030	2.08	0.08	6.6	3.4	680	143.0	220
M895125		0.16	1.2	0.310	2.78	26.1	22.2	0.24	1460	0.93	0.57	6.7	3.3	580	24.7	127.0
M895126		0.07	<0.1	0.005	0.03	0.7	1.0	13.40	223	0.16	0.01	0.2	1.8	200	1.4	1.6
M895127		0.19	1.2	0.272	2.93	38.3	22.0	0.21	812	1.07	0.70	6.8	3.7	760	18.7	132.5
M895128		0.15	1.1	0.248	2.47	34.4	29.5	0.18	748	1.12	0.09	7.1	3.6	690	18.3	121.0
M895129		0.21	1.1	0.289	2.60	37.5	27.6	0.19	977	1.20	0.13	7.1	3.5	750	25.4	129.0
M895130		0.18	1.1	0.496	3.40	38.1	14.7	0.25	2320	1.67	0.06	6.9	4.1	620	64.0	196.0
M895131		0.18	1.1	0.196	2.83	16.4	19.1	0.25	594	1.13	0.92	8.5	3.8	700	21.4	111.0
M895132		0.15	1.2	0.348	2.55	29.5	19.3	0.43	725	1.20	1.37	8.5	3.6	830	17.7	133.5
M895133		0.18	1.2	0.249	2.69	31.5	19.3	0.34	559	0.99	1.02	8.3	3.1	690	17.9	133.0
M895134		0.17	1.2	0.235	2.94	31.5	28.9	0.18	906	1.46	0.20	9.1	4.3	760	18.2	146.5
M895135		0.21	0.9	0.395	3.32	45.9	26.0	0.31	672	1.21	0.05	6.6	3.2	650	146.5	251
M895136		0.20	1.2	0.187	3.38	37.8	24.9	0.21	965	1.33	0.16	9.1	4.1	750	48.2	181.5
M895137		0.10	1.0	0.141	2.60	29.0	16.7	0.58	699	0.85	1.49	7.8	6.1	690	42.7	122.5
M895138		0.11	1.0	0.141	2.62	28.0	15.0	0.42	769	0.84	1.27	7.9	4.4	670	29.0	127.0
M895139		0.11	0.9	0.153	2.64	27.2	17.3	0.84	670	0.64	1.17	7.6	4.3	680	23.2	120.5
M895140		0.14	0.9	0.107	2.50	26.7	15.7	0.90	597	0.88	1.25	7.3	3.0	630	28.0	112.0
M895141		0.12	1.0	0.114	2.55	21.7	18.2	0.69	664	1.01	1.18	7.3	3.6	640	20.9	94.8

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12177506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
M895106		0.002	0.05	10.50	12.4	1	2.1	163.5	0.72	0.07	16.5	0.268	1.65	3.0	75	4.2
M895107		<0.002	0.16	31.5	11.1	1	3.2	63.7	0.63	0.39	14.6	0.249	2.34	5.0	69	2.6
M895108		0.003	0.01	6.11	12.9	1	1.9	114.5	0.76	<0.05	17.0	0.289	1.45	2.5	81	2.6
M895109		<0.002	0.07	24.3	13.0	1	2.0	79.4	0.75	0.06	16.8	0.293	1.49	3.8	83	3.1
M895110		0.002	0.01	7.97	12.9	1	2.0	85.4	0.79	0.05	17.8	0.296	1.48	3.1	77	3.8
M895111		<0.002	0.03	16.50	13.1	1	1.9	91.1	0.81	0.11	17.8	0.303	1.48	3.4	81	6.1
M895112		<0.002	0.06	5.47	11.8	1	1.9	271	0.70	0.08	14.3	0.275	1.42	3.0	76	1.5
M895113		<0.002	0.03	7.61	13.0	1	2.2	114.0	0.72	0.14	17.5	0.301	1.56	3.3	82	2.6
M895114		0.002	0.08	21.2	13.1	1	2.0	69.8	0.73	<0.05	17.4	0.282	1.46	4.2	80	3.2
M895115		<0.002	0.02	4.18	11.3	1	2.0	110.5	0.72	0.08	16.8	0.289	1.36	2.6	77	2.6
M895116		<0.002	0.11	3.52	11.9	1	2.0	298	0.72	0.06	15.7	0.272	1.32	2.9	75	2.0
M895117		<0.002	0.09	2.45	12.9	1	2.0	201	0.73	0.16	16.9	0.271	1.67	3.2	79	2.3
M895118		<0.002	0.05	2.82	12.1	1	1.8	308	0.81	0.09	15.9	0.269	1.49	3.3	78	2.2
M895119		0.002	5.14	93.9	8.4	2	8.3	90.9	0.46	0.40	10.5	0.190	2.51	5.2	60	5.4
M895120		0.002	0.10	5.32	12.5	2	2.5	134.0	0.81	0.49	18.1	0.252	1.66	3.8	71	2.8
M895121		0.002	0.15	9.82	12.2	2	2.7	33.9	0.89	0.30	17.5	0.244	3.61	4.6	69	5.4
M895122		<0.002	0.29	9.86	13.1	2	4.1	18.5	0.69	0.78	14.6	0.259	4.26	4.4	71	5.5
M895123		<0.002	0.09	19.00	13.4	2	10.4	19.7	0.75	1.76	15.8	0.243	3.99	5.4	71	8.7
M895124		<0.002	0.10	19.60	10.7	1	8.2	21.4	0.60	1.51	13.6	0.220	2.89	4.8	62	7.7
M895125		<0.002	0.03	7.82	12.5	1	2.0	74.8	0.58	0.44	18.6	0.234	1.83	4.1	74	4.8
M895126		<0.002	0.01	0.10	0.2	<1	0.2	40.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
M895127		<0.002	0.02	11.10	12.6	1	2.2	128.5	0.57	1.59	18.1	0.222	1.98	4.2	79	2.7
M895128		0.002	0.04	15.60	12.6	1	2.1	53.7	0.59	0.25	16.5	0.231	1.48	3.5	72	3.7
M895129		<0.002	0.11	17.30	11.9	1	2.1	56.1	0.59	0.87	17.0	0.237	1.84	3.9	74	3.1
M895130		<0.002	0.08	14.30	12.3	1	2.6	39.9	0.57	0.81	15.3	0.222	3.54	3.4	70	3.2
M895131		<0.002	0.02	9.00	10.7	1	2.1	86.5	0.62	0.27	10.8	0.264	1.63	3.3	79	2.0
M895132		<0.002	0.10	6.91	12.1	1	2.2	125.5	0.65	0.21	14.9	0.272	1.88	3.4	82	2.5
M895133		0.002	0.07	6.63	12.5	1	2.1	104.5	0.67	0.33	16.9	0.274	1.73	3.4	77	2.7
M895134		<0.002	0.05	20.5	12.9	2	2.1	66.8	0.70	0.33	15.8	0.283	2.05	3.8	82	3.3
M895135		<0.002	0.13	84.5	12.1	1	2.6	18.4	0.55	0.56	14.5	0.228	3.10	3.6	74	3.1
M895136		<0.002	0.05	12.35	13.3	2	2.4	70.3	0.67	0.29	16.3	0.296	2.24	3.9	84	2.9
M895137		0.002	0.11	7.60	11.2	<1	2.0	248	0.65	0.40	13.1	0.280	1.40	3.0	78	2.2
M895138		0.002	0.04	4.96	12.3	1	2.1	192.0	0.64	0.20	14.4	0.262	1.42	2.8	76	2.5
M895139		<0.002	0.05	3.29	12.2	<1	2.0	206	0.63	0.17	14.4	0.262	1.39	2.4	77	3.4
M895140		<0.002	0.04	2.46	11.1	1	1.8	166.0	0.59	0.07	12.8	0.254	1.30	2.4	75	2.7
M895141		<0.002	0.04	3.58	11.4	1	2.0	169.5	0.63	0.15	11.5	0.258	1.28	2.4	77	4.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-2

CERTIFICATE OF ANALYSIS WH12177506

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895106		19.4	115	30.8
M895107		26.4	199	38.6
M895108		16.1	132	30.4
M895109		23.1	98	31.2
M895110		18.5	68	33.0
M895111		18.8	140	31.7
M895112		15.9	138	32.8
M895113		18.9	76	31.5
M895114		23.3	90	30.2
M895115		14.5	51	31.9
M895116		15.3	51	31.0
M895117		16.9	58	30.4
M895118		16.0	50	30.6
M895119		10.6	5750	26.7
M895120		24.5	72	31.0
M895121		36.1	317	31.5
M895122		17.3	121	30.4
M895123		24.0	177	34.1
M895124		16.4	146	27.9
M895125		16.0	88	27.7
M895126		0.8	15	<0.5
M895127		23.5	78	29.0
M895128		19.7	83	26.6
M895129		23.3	89	26.9
M895130		20.1	93	27.8
M895131		13.5	69	29.2
M895132		16.5	71	30.7
M895133		18.4	61	28.9
M895134		19.3	172	29.7
M895135		22.3	389	21.8
M895136		22.7	314	29.1
M895137		15.7	167	25.5
M895138		18.8	163	23.9
M895139		15.4	99	22.2
M895140		16.7	60	21.1
M895141		17.0	53	24.7

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Finalized Date: 5-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12177506

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
This copy reported on 9-AUG-2012
Account: ROCKHA

CERTIFICATE WH12178649

Project: Klaza-77

P.O. No.: Batch 4

This report is for 28 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158895**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2012
Account: ROCKHA

Project: Klaza-77

CERTIFICATE OF ANALYSIS WH12178649

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M897495		0.045
M897496		0.029
M897497		0.025
M897498		0.005
M897499		0.005
M897500		0.008
M897501		0.005
M897502		0.210
M897503		4.45
M897504		7.43
M897505		<0.005
M897506		0.217
M897507		0.370
M897508		<0.005
M897509		0.130
M897510		0.040
M897511		0.075
M897512		0.025
M897513		0.005
M897514		0.005
M897515		0.005
M897516		0.032
M897517		0.110
M897518		0.782
M897519		0.015
M897520		0.009
M897521		0.014
M897522		0.025

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158895**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179913

Project: Klaza TR-12-38

P.O. No.: Batch 1

This report is for 17 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

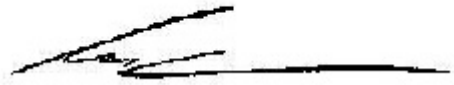
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-38

CERTIFICATE OF ANALYSIS WH12179913

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815511		5.44	0.008	0.13	7.97	44.8	980	1.69	0.64	2.15	0.35	69.8	11.0	29	5.47	13.5
N815512		5.92	<0.005	0.11	7.77	49.3	840	1.55	0.72	2.24	0.38	65.7	11.4	30	5.61	13.5
N815513		6.05	0.011	0.12	7.63	56.1	820	1.52	3.45	2.00	0.35	73.7	11.2	34	5.66	15.7
N815514		0.23	0.259	>100	5.50	251	590	0.71	5.07	1.41	25.2	18.65	11.3	62	0.85	6020
N815515		3.95	<0.005	0.12	8.63	24.3	980	1.52	0.44	3.51	0.24	48.7	14.4	29	4.75	11.5
N815516		4.69	<0.005	0.13	7.95	58.9	870	1.59	0.77	2.18	0.28	65.6	11.6	32	5.45	14.8
N815517		6.61	0.007	1.27	7.81	88.7	1870	1.92	0.50	0.25	0.95	50.3	13.8	30	24.6	52.2
N815518		6.82	<0.005	0.59	8.04	38.9	840	1.94	0.33	0.45	0.79	54.6	9.4	13	14.40	67.4
N815519		6.04	<0.005	0.48	8.20	26.6	1070	1.86	0.24	0.97	0.62	48.5	10.5	12	11.70	112.5
N815520		6.74	<0.005	0.40	7.68	22.1	970	2.04	0.61	0.87	0.53	52.8	9.1	10	9.21	109.5
N815521		5.92	<0.005	0.56	7.81	23.6	1050	1.98	0.69	0.90	0.53	46.8	11.7	10	10.85	171.0
N815522		2.41	<0.005	0.01	0.13	<5	40	0.10	0.03	20.3	0.07	1.61	1.6	1	0.39	3.2
N815523		6.51	<0.005	0.38	8.06	18.9	1030	1.34	0.44	1.21	0.31	55.8	9.6	11	7.22	184.5
N815524		5.57	<0.005	0.53	8.49	26.6	1070	1.72	1.49	0.65	0.46	52.9	12.0	10	12.45	131.0
N815525		5.74	<0.005	0.46	7.98	18.6	1020	1.58	0.96	1.01	0.34	39.3	9.2	10	9.40	117.0
N815526		6.33	<0.005	0.44	8.16	25.2	820	1.66	0.58	0.35	0.43	55.1	6.1	15	14.00	94.4
N815527		5.47	<0.005	0.26	7.27	20.3	1140	1.63	0.34	0.80	0.31	21.4	9.9	11	7.27	58.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-38

CERTIFICATE OF ANALYSIS WH12179913

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815511		3.76	17.70	0.12	2.4	0.061	1.68	33.1	22.5	0.83	957	2.16	1.78	11.1	10.6	750
N815512		3.95	17.90	0.16	2.0	0.069	1.60	31.3	22.6	0.88	1040	2.04	1.58	10.3	10.6	750
N815513		3.82	16.90	0.16	2.1	0.062	1.58	37.9	24.2	0.83	957	2.03	1.56	10.5	11.8	770
N815514		5.78	11.70	0.15	1.3	0.442	1.10	9.2	12.6	1.08	1700	21.7	1.57	3.2	26.5	450
N815515		4.39	17.85	0.11	1.8	0.061	1.32	22.4	18.7	1.40	1180	1.35	2.03	8.9	9.3	800
N815516		3.90	17.35	0.14	1.9	0.060	1.60	31.0	23.6	0.89	952	2.20	1.67	10.3	11.2	800
N815517		3.78	18.20	0.16	1.1	0.057	2.97	24.7	26.3	0.28	4240	11.10	0.06	8.2	10.1	550
N815518		3.50	17.80	0.13	0.9	0.031	2.63	26.8	34.6	0.20	838	6.18	0.81	9.4	6.8	570
N815519		3.55	17.00	0.14	0.8	0.035	2.37	23.4	18.6	0.32	640	3.93	1.58	9.1	6.1	590
N815520		3.09	16.55	0.15	1.0	0.030	2.48	27.1	25.5	0.30	606	3.97	1.77	10.0	5.5	520
N815521		3.55	17.50	0.16	0.9	0.048	2.30	21.2	18.8	0.37	669	4.32	1.99	9.8	6.0	590
N815522		0.49	0.46	<0.05	<0.1	0.005	0.05	0.8	1.1	12.05	227	0.18	0.01	0.4	0.6	180
N815523		3.40	15.75	0.08	0.9	0.035	2.27	28.4	18.1	0.45	504	4.21	1.95	8.7	5.6	590
N815524		4.22	16.95	0.12	1.2	0.047	2.36	26.5	53.2	0.32	637	6.06	1.09	8.5	5.2	880
N815525		3.49	16.35	0.08	1.0	0.040	2.24	22.1	22.7	0.37	488	3.62	1.67	8.9	5.1	630
N815526		3.26	16.80	0.12	0.9	0.039	2.33	29.3	26.9	0.19	401	3.59	1.32	9.6	5.0	620
N815527		3.56	16.55	0.14	0.8	0.032	2.28	10.5	19.4	0.33	388	3.08	1.96	8.3	6.2	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-38

CERTIFICATE OF ANALYSIS WH12179913

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815511		26.8	85.0	<0.002	0.03	7.08	12.7	2	1.6	342	0.77	0.16	11.0	0.429	0.89	2.4
N815512		24.7	78.3	<0.002	0.02	7.83	13.5	2	1.6	334	0.69	0.11	9.6	0.440	0.93	2.2
N815513		25.5	79.9	<0.002	0.02	8.24	13.1	2	1.6	312	0.74	0.18	10.3	0.455	0.87	2.3
N815514		9610	26.5	0.009	2.32	438	11.2	3	2.0	189.0	0.20	1.44	2.1	0.237	0.44	1.2
N815515		26.9	45.6	<0.002	0.04	3.93	15.9	1	1.5	463	0.57	0.09	6.9	0.442	0.71	1.7
N815516		22.7	76.5	<0.002	0.03	7.01	13.7	1	1.5	345	0.69	0.12	8.9	0.445	0.84	2.0
N815517		26.5	180.5	<0.002	0.02	32.9	15.5	1	1.9	113.5	0.55	<0.05	12.0	0.336	2.31	3.3
N815518		25.1	141.0	<0.002	<0.01	17.95	12.3	1	1.5	117.0	0.82	0.06	17.1	0.283	1.38	2.6
N815519		26.1	108.5	<0.002	<0.01	8.21	12.0	1	1.4	219	0.80	0.07	14.4	0.286	0.91	2.0
N815520		16.7	122.0	<0.002	<0.01	4.79	10.8	2	1.4	216	0.93	0.10	15.5	0.244	0.87	2.1
N815521		16.5	110.5	<0.002	<0.01	5.43	12.1	1	1.6	261	0.89	0.05	14.7	0.273	0.92	2.0
N815522		1.3	2.5	<0.002	0.01	0.19	0.4	<1	<0.2	38.0	<0.05	0.08	0.2	<0.005	0.02	0.6
N815523		18.5	102.0	<0.002	<0.01	3.96	11.2	1	1.3	272	0.85	<0.05	15.6	0.274	0.81	2.1
N815524		22.8	121.5	<0.002	0.01	7.61	14.6	1	1.3	181.0	0.76	0.05	13.5	0.372	1.33	3.3
N815525		30.2	88.5	<0.002	<0.01	9.01	11.3	1	1.3	223	0.93	<0.05	13.6	0.291	0.88	2.3
N815526		18.0	118.5	<0.002	<0.01	15.30	12.2	1	1.7	144.5	0.88	<0.05	15.9	0.297	1.05	2.6
N815527		22.0	67.9	<0.002	<0.01	5.69	9.4	1	1.4	264	0.76	<0.05	7.6	0.287	0.81	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-38

CERTIFICATE OF ANALYSIS WH12179913

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815511		106	2.4	18.2	80	98.4	
N815512		119	2.5	18.1	82	82.6	
N815513		113	2.5	19.1	79	83.4	
N815514		79	0.5	12.7	4900	50.7	98
N815515		137	1.6	17.7	92	75.3	
N815516		116	2.8	19.1	77	75.4	
N815517		111	5.5	14.9	118	36.9	
N815518		90	3.6	14.7	122	24.4	
N815519		89	4.8	14.6	83	20.5	
N815520		76	5.6	15.5	65	27.9	
N815521		85	10.1	14.5	78	25.3	
N815522		2	0.1	0.9	14	0.7	
N815523		86	8.1	17.1	74	20.6	
N815524		133	5.9	17.6	96	32.2	
N815525		96	3.3	14.6	86	24.2	
N815526		90	3.2	18.2	77	22.2	
N815527		93	2.1	10.0	75	17.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-38

CERTIFICATE OF ANALYSIS WH12179913

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179914

Project: Klaza TR-12-37

P.O. No.: Batch 7

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

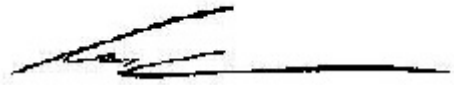
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179914

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815504		7.93	0.005	0.53	8.03	73.7	1550	1.83	0.17	0.37	1.10	49.1	9.6	12	13.65	19.6
N815505		4.34	<0.005	0.30	8.04	13.8	1200	1.75	0.27	0.43	0.56	44.9	9.9	12	9.63	33.0
N815506		3.19	<0.005	0.97	7.81	29.7	1340	1.56	0.96	0.24	1.58	44.3	11.5	11	13.55	31.9
N815507		2.07	<0.005	0.01	0.06	<5	20	0.05	0.01	21.2	0.06	0.96	1.6	<1	0.15	1.6
N815508		5.71	<0.005	0.53	7.79	27.3	1240	1.57	0.48	0.42	0.60	46.0	8.8	10	14.25	26.1
N815509		0.24	1.375	30.1	7.71	530	1220	2.06	1.13	0.30	27.3	67.6	5.6	18	3.14	129.5
N815510		6.84	<0.005	0.44	7.89	25.7	1570	1.72	0.64	0.42	0.39	52.4	9.7	10	14.00	24.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179914

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815504		3.50	17.75	0.12	1.0	0.035	2.85	28.5	18.2	0.27	1860	5.57	0.85	9.1	7.0	560
N815505		3.43	16.60	0.12	0.8	0.032	2.54	25.7	16.8	0.27	1520	2.50	1.49	8.8	5.9	550
N815506		3.58	17.35	0.12	0.8	0.061	3.08	26.8	12.4	0.27	2910	3.56	0.61	8.7	5.6	520
N815507		0.49	0.30	0.10	<0.1	<0.005	0.02	0.5	0.6	12.60	226	0.27	<0.01	0.4	<0.2	180
N815508		3.29	16.90	0.11	0.9	0.040	2.73	26.2	19.1	0.26	1910	3.56	0.89	8.4	5.2	500
N815509		5.74	22.2	0.22	2.2	0.220	3.47	33.9	22.6	0.29	1040	5.81	0.07	11.7	6.9	1760
N815510		3.36	17.55	0.16	0.8	0.049	2.80	29.7	25.3	0.29	1600	2.65	0.86	8.8	6.2	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179914

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815504		41.8	139.5	<0.002	0.04	12.85	12.3	2	1.3	128.5	0.76	<0.05	13.6	0.287	1.55	2.3
N815505		34.3	128.5	<0.002	0.04	12.55	12.5	2	1.3	172.0	0.80	<0.05	12.1	0.293	1.38	2.4
N815506		66.1	186.0	<0.002	0.10	24.4	11.7	2	1.3	139.5	0.88	0.15	12.3	0.263	2.19	3.1
N815507		1.2	1.2	<0.002	0.01	0.09	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N815508		26.8	147.0	<0.002	0.05	14.85	11.0	1	1.3	105.0	0.78	<0.05	14.2	0.272	1.80	2.3
N815509		3910	160.0	0.003	0.60	65.5	14.8	5	20.7	393	0.73	0.30	6.9	0.440	1.73	3.4
N815510		28.5	145.5	<0.002	0.04	12.60	12.2	2	1.2	145.0	0.72	<0.05	14.1	0.289	1.79	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179914

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815504		90	1.6	14.4	146	24.5
N815505		96	1.9	14.5	124	16.1
N815506		94	2.2	16.0	171	16.1
N815507		2	0.1	0.7	14	<0.5
N815508		88	1.6	14.2	113	18.3
N815509		146	3.5	17.5	2460	64.3
N815510		93	2.5	14.3	99	18.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179914

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179915

Project: Klaza TR-12-37

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

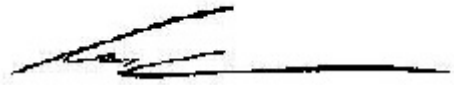
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179915

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815432		5.74	0.006	0.46	9.01	39.4	1400	1.51	1.02	1.06	0.39	53.8	16.6	17	16.55	26.5
N815433		5.41	<0.005	0.39	8.94	25.1	1440	1.80	0.82	0.32	0.89	58.0	18.7	12	11.15	21.9
N815434		5.49	<0.005	0.20	8.18	24.1	1300	1.38	0.56	0.49	0.42	57.1	8.8	10	13.75	16.0
N815435		5.24	<0.005	0.31	7.78	31.8	910	1.62	0.45	0.36	0.55	56.8	6.1	9	12.75	16.9
N815436		4.87	<0.005	0.15	7.27	24.7	640	1.34	0.48	0.33	0.27	48.6	2.9	6	8.11	11.1
N815437		4.10	<0.005	0.16	7.68	24.4	1470	1.43	0.57	0.43	0.31	51.0	3.9	9	8.90	14.7
N815438		5.19	<0.005	0.21	7.84	30.6	2360	1.44	1.63	0.40	0.35	50.2	4.8	12	12.25	16.7
N815439		4.73	<0.005	0.18	6.92	18.3	2260	1.49	0.36	0.35	0.28	47.8	2.2	7	10.35	11.1
N815440		6.08	0.014	1.04	6.97	71.4	1850	1.88	0.71	0.22	1.46	46.6	4.6	13	23.4	39.9
N815441		4.91	<0.005	0.22	7.58	33.3	1570	1.68	0.42	0.51	1.24	63.0	6.6	23	16.95	25.5
N815442		3.73	<0.005	0.48	7.90	46.6	1010	1.52	0.66	0.84	0.96	34.9	7.0	13	16.25	33.2
N815443		4.67	<0.005	0.41	7.75	52.3	1070	1.46	0.91	0.69	1.00	41.0	6.0	14	14.15	35.0
N815444		4.54	<0.005	0.26	7.26	35.2	1020	1.61	0.81	1.11	0.97	39.6	5.8	13	12.05	24.3
N815445		5.43	<0.005	11.65	7.70	102.0	1190	1.49	0.28	0.37	4.09	50.0	10.9	10	23.8	35.4
N815446		5.07	<0.005	0.50	7.70	12.7	1060	1.39	0.21	0.97	1.05	46.2	5.7	16	15.35	26.4
N815447		3.49	0.013	0.77	8.08	26.3	1610	1.28	0.57	0.28	1.54	51.1	7.0	13	26.5	141.5
N815448		4.16	<0.005	0.28	7.98	41.5	700	1.48	0.29	0.24	2.07	58.1	7.2	15	22.0	51.0
N815449		4.20	<0.005	0.02	0.13	<5	30	0.06	0.02	20.4	0.07	1.52	1.3	1	0.29	2.4
N815450		4.37	<0.005	0.34	8.06	24.6	400	1.45	0.53	0.33	1.71	52.1	8.0	12	26.3	43.1
N815451		5.38	0.005	0.83	7.76	55.9	1150	1.33	3.36	0.22	1.84	57.3	9.0	17	17.10	118.5
N815452		5.41	<0.005	0.25	8.44	17.8	1190	1.51	1.14	0.34	1.20	45.1	6.9	13	17.90	36.6
N815453		6.34	<0.005	0.27	8.23	16.6	1070	1.66	0.35	0.33	1.24	54.2	6.9	14	20.4	31.4
N815454		3.90	<0.005	0.29	7.85	29.8	850	1.63	0.37	0.47	1.24	55.6	6.9	13	16.65	36.0
N815455		6.65	<0.005	0.37	7.73	42.4	870	1.42	0.54	0.68	0.91	54.4	7.6	17	13.50	53.7
N815456		5.48	<0.005	0.32	7.92	49.6	1290	1.46	0.84	0.43	0.70	45.4	7.0	18	17.15	43.2
N815457		4.95	<0.005	0.34	7.50	53.9	1330	1.39	0.56	0.41	0.77	51.4	7.2	22	18.25	56.3
N815458		4.35	<0.005	0.29	7.84	54.2	1160	1.49	0.71	0.48	0.84	59.2	9.0	22	20.2	62.6
N815459		5.96	0.332	8.67	7.17	794	1530	1.68	0.58	0.46	4.74	59.6	7.7	20	16.05	46.0
N815460		4.39	0.040	0.85	8.00	186.5	1480	1.52	1.21	0.34	1.70	56.8	7.1	16	16.00	44.2
N815461		4.57	0.013	0.55	8.14	126.5	860	1.44	1.03	0.33	1.70	53.9	8.6	17	19.60	52.0
N815462		6.47	<0.005	0.54	8.22	46.0	2000	1.46	1.45	1.96	0.53	46.7	10.3	22	9.27	30.6
N815463		0.23	0.274	>100	5.73	210	620	0.71	5.58	1.47	27.3	20.1	12.3	67	0.99	6070
N815464		7.62	<0.005	0.49	7.61	33.2	1690	1.43	2.06	0.67	0.79	52.9	8.3	18	14.95	66.6
N815465		6.44	<0.005	1.44	7.83	45.6	2130	1.53	3.52	0.52	0.82	54.1	8.9	17	19.55	75.8
N815466		4.99	<0.005	0.24	8.19	15.7	990	1.49	0.33	0.39	0.61	49.3	7.2	19	17.10	33.0
N815467		5.01	<0.005	0.52	7.75	37.2	1190	1.72	0.95	0.46	0.96	54.7	10.1	19	23.1	49.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179915

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815432		5.03	19.90	0.16	1.5	0.106	1.88	28.6	25.7	1.05	1360	3.64	0.96	5.2	7.9	640
N815433		3.94	19.75	0.17	1.8	0.064	1.75	30.2	35.4	0.35	3100	5.18	0.16	3.8	9.4	660
N815434		2.83	17.30	0.17	1.7	0.044	2.15	30.7	36.0	0.32	981	2.42	0.25	7.5	7.1	880
N815435		2.17	17.90	0.16	1.7	0.058	2.12	32.2	43.1	0.27	1020	2.89	0.18	8.2	6.6	580
N815436		1.67	15.40	0.16	1.4	0.058	2.36	28.5	31.9	0.26	368	1.30	0.17	6.5	4.6	460
N815437		1.77	16.40	0.14	1.5	0.074	2.46	28.8	35.4	0.34	920	1.77	0.27	6.7	5.7	500
N815438		2.27	16.35	0.17	1.7	0.073	2.81	29.1	21.5	0.34	637	1.99	0.22	7.1	5.5	670
N815439		1.32	15.75	0.16	1.3	0.050	2.57	27.3	24.8	0.26	349	1.12	0.20	8.4	3.3	520
N815440		1.77	15.55	0.16	1.2	0.042	2.25	26.8	32.3	0.22	796	3.44	0.06	7.0	7.2	530
N815441		2.74	17.90	0.20	3.0	0.043	2.00	34.8	47.7	0.29	561	2.92	0.25	10.1	10.0	1020
N815442		3.21	17.65	0.19	1.0	0.040	2.46	19.1	17.1	0.44	343	2.04	0.98	10.0	6.5	610
N815443		3.04	17.30	0.18	1.1	0.037	2.28	21.7	25.1	0.33	309	1.69	1.01	10.1	5.4	580
N815444		2.74	15.65	0.18	1.0	0.029	2.20	21.1	14.1	0.32	310	1.53	1.40	9.1	5.1	510
N815445		3.95	17.20	0.22	0.9	0.041	2.38	33.6	17.3	0.29	4350	6.93	0.62	9.5	6.5	520
N815446		2.97	16.85	0.18	0.8	0.028	2.34	24.4	12.4	0.30	252	2.09	1.63	8.6	6.0	520
N815447		2.92	17.80	0.21	0.8	0.051	2.55	30.1	23.1	0.28	512	16.65	0.46	9.2	5.5	540
N815448		3.10	17.65	0.20	0.8	0.029	1.91	35.6	44.1	0.19	302	7.30	0.07	9.5	6.6	550
N815449		0.47	0.43	0.16	<0.1	<0.005	0.04	0.8	1.1	12.45	195	0.42	0.01	0.4	1.9	200
N815450		2.86	17.80	0.28	0.9	0.042	1.64	31.5	37.5	0.22	269	6.59	0.04	9.1	6.7	560
N815451		3.17	16.65	0.20	0.9	0.059	1.54	33.9	58.4	0.17	312	17.30	0.03	8.7	6.8	580
N815452		3.15	17.50	0.20	0.8	0.045	2.20	24.7	20.1	0.28	187	3.82	0.62	8.7	6.0	620
N815453		3.28	17.95	0.21	0.9	0.066	2.27	28.0	25.6	0.26	199	5.17	0.49	9.3	6.2	590
N815454		3.21	17.40	0.20	1.0	0.038	2.20	29.6	24.6	0.30	220	4.18	0.67	8.9	6.9	570
N815455		2.86	16.65	0.21	1.2	0.045	2.06	30.4	27.8	0.29	264	4.02	0.93	9.0	8.1	580
N815456		3.30	16.90	0.21	0.9	0.046	2.23	23.8	23.2	0.23	198	5.43	0.86	8.7	6.5	620
N815457		3.36	15.65	0.22	1.0	0.044	1.70	28.1	44.2	0.21	228	16.45	0.34	8.5	6.8	600
N815458		3.76	16.95	0.23	1.5	0.052	1.78	31.5	40.5	0.26	338	8.51	0.38	9.1	8.3	620
N815459		4.11	16.90	0.24	2.2	0.145	2.24	35.2	38.2	0.27	1030	7.40	0.22	8.9	7.8	840
N815460		3.39	17.30	0.21	1.1	0.053	2.34	32.8	42.6	0.23	331	6.07	0.12	9.3	6.2	670
N815461		3.29	17.60	0.21	0.9	0.048	2.49	31.0	37.4	0.21	310	5.12	0.07	9.8	6.4	660
N815462		3.65	18.00	0.22	2.0	0.063	1.77	24.8	27.2	0.84	769	2.13	1.29	8.5	8.8	710
N815463		5.96	12.80	0.23	1.6	0.469	1.15	10.3	13.5	1.15	1760	23.2	1.65	3.7	29.0	470
N815464		3.22	16.40	0.20	1.1	0.055	2.07	27.4	23.3	0.31	374	5.06	1.06	9.1	7.0	650
N815465		3.24	17.05	0.21	1.2	0.086	2.16	29.4	43.4	0.27	392	9.20	0.52	9.5	6.9	660
N815466		3.17	17.30	0.20	0.9	0.034	1.95	26.6	48.3	0.23	237	6.20	0.61	8.9	5.2	590
N815467		3.14	18.25	0.23	2.7	0.047	2.43	32.2	36.3	0.28	441	6.94	0.23	9.8	8.1	930

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179915

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815432		117.0	107.5	<0.002	0.22	7.34	21.3	1	1.5	201	0.40	0.74	9.3	0.337	1.88	2.7
N815433		48.9	94.2	<0.002	0.06	37.1	15.3	1	1.3	85.4	0.31	0.55	10.8	0.222	1.41	3.1
N815434		39.2	112.5	<0.002	0.04	17.25	9.4	1	1.2	113.0	0.59	0.19	11.8	0.246	1.50	3.3
N815435		50.5	115.5	0.003	0.04	11.10	7.6	1	1.4	87.1	0.66	0.14	10.3	0.175	1.54	2.8
N815436		38.6	114.5	0.002	0.04	7.75	3.8	1	1.0	84.2	0.57	0.12	9.2	0.093	1.49	2.3
N815437		30.6	125.0	<0.002	0.06	6.27	5.2	1	1.0	105.5	0.50	0.09	10.9	0.111	1.46	2.4
N815438		34.3	151.5	<0.002	0.09	7.50	7.2	1	1.0	123.5	0.53	0.14	11.0	0.176	1.92	2.9
N815439		40.9	136.5	<0.002	0.06	8.51	3.9	1	1.1	97.6	0.62	0.06	10.3	0.091	1.77	2.5
N815440		144.0	138.0	<0.002	0.04	36.2	6.5	1	1.1	115.5	0.56	0.06	12.1	0.148	1.77	2.4
N815441		49.3	99.4	<0.002	0.04	16.05	8.9	1	1.3	183.5	0.67	0.07	12.4	0.302	1.24	3.4
N815442		53.1	117.5	<0.002	0.01	8.25	10.7	1	1.7	179.5	0.94	0.13	14.4	0.285	1.28	2.3
N815443		89.8	114.0	<0.002	0.01	10.75	12.0	1	2.0	173.5	0.94	0.14	17.0	0.283	1.11	2.3
N815444		42.8	106.0	<0.002	0.01	6.54	10.5	1	1.4	217	0.90	0.31	14.0	0.245	0.91	2.2
N815445		715	130.0	<0.002	0.01	28.1	13.1	2	1.4	129.5	0.91	0.05	17.9	0.267	1.52	3.2
N815446		44.9	116.0	<0.002	0.01	5.09	11.8	1	1.7	223	0.76	0.05	15.8	0.275	1.02	2.0
N815447		37.2	129.0	<0.002	0.02	15.85	13.3	2	1.9	100.5	0.79	0.07	17.6	0.280	1.29	2.1
N815448		20.8	114.0	<0.002	0.01	15.90	14.4	2	1.8	57.5	0.84	0.05	17.1	0.271	1.30	3.1
N815449		2.0	1.8	<0.002	0.02	0.16	0.3	1	<0.2	50.8	<0.05	<0.05	0.2	0.005	<0.02	0.7
N815450		17.2	99.0	<0.002	0.01	15.80	14.3	2	1.7	52.6	0.83	0.05	16.3	0.280	1.08	2.9
N815451		25.2	101.5	<0.002	0.04	53.9	14.7	2	2.2	102.0	0.74	0.35	14.7	0.281	1.24	2.8
N815452		24.9	107.0	<0.002	0.01	9.78	13.6	2	1.9	111.0	0.74	0.40	16.8	0.298	1.04	2.3
N815453		68.7	109.0	<0.002	<0.01	10.15	15.8	2	1.6	113.0	0.78	0.07	15.3	0.306	1.07	2.7
N815454		35.0	116.5	<0.002	0.01	11.05	14.6	2	1.4	122.0	0.77	0.06	14.1	0.283	1.22	2.8
N815455		46.1	110.0	<0.002	0.01	13.60	12.0	2	1.5	161.5	0.79	0.09	15.1	0.272	1.16	2.8
N815456		42.9	108.0	<0.002	0.01	7.81	12.2	1	2.7	154.5	0.73	0.09	14.0	0.286	1.02	2.5
N815457		31.0	86.6	<0.002	0.02	15.85	11.7	1	1.5	108.0	0.69	0.08	13.4	0.293	0.91	2.5
N815458		39.1	94.5	<0.002	0.02	15.35	12.8	2	1.5	114.0	0.70	0.09	13.7	0.308	1.05	3.0
N815459		1880	135.0	<0.002	0.06	35.3	11.3	2	1.6	131.5	0.68	0.08	12.0	0.286	1.74	3.9
N815460		179.0	138.0	<0.002	0.03	21.2	12.9	2	2.6	79.2	0.74	0.08	15.5	0.300	1.71	3.0
N815461		86.4	130.5	<0.002	0.02	19.35	13.2	2	2.3	57.9	0.79	0.07	14.8	0.309	1.63	3.0
N815462		47.4	90.0	<0.002	0.07	14.15	13.8	2	1.5	315	0.63	0.10	10.9	0.345	1.00	2.7
N815463		>10000	31.2	0.009	2.34	461	13.6	3	2.1	202	0.23	1.22	2.2	0.246	0.53	1.5
N815464		65.1	113.0	<0.002	0.03	10.90	12.2	1	1.6	174.5	0.76	0.09	13.1	0.306	1.20	2.7
N815465		88.1	119.5	<0.002	0.04	17.30	13.0	2	1.6	169.5	0.78	0.22	14.0	0.316	1.41	3.3
N815466		23.8	95.7	<0.002	0.01	8.60	13.2	1	1.5	132.5	0.72	<0.05	15.6	0.289	0.98	3.1
N815467		88.2	128.5	<0.002	0.03	13.35	11.5	2	1.4	333	0.70	0.06	11.6	0.325	1.51	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179915

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815432		148	2.3	21.4	153	56.9		
N815433		106	3.5	17.8	118	68.2		
N815434		80	3.4	14.8	88	57.0		
N815435		54	2.1	16.0	79	53.8		
N815436		24	1.2	10.3	63	36.7		
N815437		31	1.7	11.4	68	40.0		
N815438		54	1.6	14.7	82	51.4		
N815439		19	1.1	11.7	71	35.1		
N815440		42	3.5	12.7	255	29.6		
N815441		68	3.0	15.7	187	106.0		
N815442		90	3.1	10.6	198	25.3		
N815443		86	6.5	12.3	193	23.9		
N815444		77	2.2	12.1	177	21.6		
N815445		84	2.5	25.8	546	19.8		
N815446		85	2.0	14.2	203	17.2		
N815447		90	5.4	19.6	195	18.4		
N815448		89	4.0	20.0	204	17.7		
N815449		4	0.1	1.0	17	0.8		
N815450		91	4.3	18.7	143	18.9		
N815451		88	5.3	18.4	160	19.0		
N815452		98	2.4	15.8	114	16.6		
N815453		101	2.7	18.1	112	17.6		
N815454		91	3.1	17.9	109	26.1		
N815455		84	5.5	14.8	95	33.6		
N815456		90	3.8	12.6	81	20.6		
N815457		89	8.9	14.7	78	24.2		
N815458		94	9.1	17.7	88	45.6		
N815459		82	4.4	19.3	490	78.8		
N815460		95	7.1	16.0	310	27.6		
N815461		97	7.1	15.3	243	20.8		
N815462		110	3.2	16.7	122	64.3		
N815463		81	0.9	15.6	5210	52.8	105	1.050
N815464		94	10.9	13.5	135	26.2		
N815465		97	6.7	15.6	138	31.1		
N815466		93	2.7	15.7	121	16.4		
N815467		87	3.2	19.3	152	96.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179915

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179916

Project: Klaza TR-12-37

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

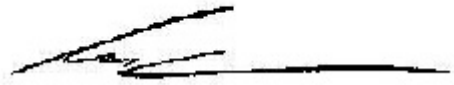
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179916

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815468		4.95	<0.005	0.59	8.32	27.0	1560	1.70	9.29	0.35	0.81	46.2	7.5	14	26.3	50.2
N815469		4.72	<0.005	0.30	8.49	12.9	1110	1.69	0.32	0.96	0.56	40.2	8.4	16	25.0	59.9
N815470		7.46	<0.005	0.34	8.08	26.6	1170	1.65	3.10	0.28	0.84	48.9	10.6	13	16.55	48.6
N815471		3.54	<0.005	0.18	7.89	13.1	540	1.65	0.71	0.29	0.56	45.9	10.1	13	13.90	38.3
N815472		4.01	<0.005	0.20	7.82	16.9	640	1.67	0.67	0.29	0.59	43.4	9.3	13	14.30	27.7
N815473		4.91	<0.005	0.17	7.94	23.1	1560	1.44	1.01	0.24	0.69	48.5	11.7	13	13.85	13.0
N815474		5.14	<0.005	0.21	8.07	19.0	1160	1.62	0.52	0.39	0.54	46.2	9.0	15	15.20	17.4
N815475		4.27	<0.005	0.27	8.06	48.1	610	1.83	0.20	0.27	0.91	50.7	7.7	12	17.10	31.6
N815476		4.34	<0.005	0.19	8.19	10.2	860	1.74	3.25	0.60	0.34	51.5	9.2	14	18.40	19.2
N815477		5.19	<0.005	0.08	8.12	12.3	1070	1.77	0.25	0.91	0.29	49.8	10.0	13	11.80	10.8
N815478		3.72	<0.005	0.11	8.06	18.0	940	1.62	0.23	0.66	0.45	48.5	6.5	13	20.4	18.5
N815479		8.50	<0.005	0.09	7.98	11.6	1020	1.78	0.21	0.40	0.38	46.3	7.2	13	13.80	13.3
N815480		5.22	<0.005	0.06	7.77	4.4	1280	1.11	0.09	0.40	0.12	33.1	10.2	10	8.24	7.8
N815481		6.27	<0.005	0.11	7.87	6.9	1420	1.60	0.34	0.31	0.21	56.5	6.8	11	9.92	17.9
N815482		6.14	<0.005	0.08	7.57	10.2	900	1.52	0.18	0.40	0.20	49.8	7.4	15	9.20	19.0
N815483		4.56	<0.005	0.12	8.43	18.2	850	1.83	0.16	0.61	0.20	76.7	8.4	32	24.5	22.0
N815484		4.68	<0.005	0.11	8.58	23.8	2280	1.98	0.22	0.58	0.25	75.4	8.5	37	15.65	26.4
N815485		4.99	<0.005	0.10	8.16	12.6	1300	1.64	0.22	0.56	0.25	66.0	9.6	24	12.45	17.0
N815486		4.67	<0.005	0.19	7.23	11.7	1440	1.17	0.33	0.21	0.21	57.3	6.6	10	10.20	21.5
N815487		3.34	<0.005	0.11	8.01	9.6	1210	1.41	0.19	0.37	0.28	46.5	9.0	12	13.35	11.0
N815488		3.91	<0.005	0.10	7.82	10.6	1820	1.49	0.19	0.35	0.28	48.9	9.3	11	15.75	8.8
N815489		4.43	<0.005	0.10	7.76	9.7	860	1.42	0.18	0.23	0.21	50.4	9.4	10	16.65	8.3
N815490		5.77	<0.005	2.95	7.93	8.2	1120	1.51	0.16	0.29	0.15	41.6	8.7	11	16.85	14.6
N815491		3.69	0.007	0.21	7.70	20.6	820	1.36	0.19	1.08	0.32	32.5	7.3	10	25.6	5.5
N815492		4.29	<0.005	0.10	7.94	10.0	1270	1.22	0.31	0.25	0.28	46.4	8.7	13	12.30	13.3
N815493		4.06	<0.005	0.26	7.99	12.8	1020	1.45	0.96	0.23	0.32	45.3	9.6	11	13.05	19.9
N815494		7.01	<0.005	0.14	7.79	16.4	900	1.44	0.39	0.25	0.30	50.3	8.2	12	12.50	15.0
N815495		0.23	1.300	32.1	7.88	541	1240	1.80	1.29	0.30	31.0	75.0	5.7	18	3.23	130.5
N815496		6.59	0.005	0.85	8.12	29.4	1700	1.48	6.33	0.28	0.52	44.0	9.8	12	13.05	27.6
N815497		3.32	<0.005	0.26	7.64	34.9	2110	1.77	0.30	0.26	0.36	44.5	8.7	10	16.50	8.8
N815498		5.54	<0.005	0.37	8.09	31.7	1540	1.77	0.87	0.34	0.43	51.0	8.9	10	15.25	15.6
N815499		4.00	0.010	1.11	7.87	185.5	1200	1.64	0.65	0.96	3.51	40.3	9.7	11	28.7	13.3
N815500		1.65	<0.005	0.05	0.10	<5	30	0.05	0.04	20.6	0.07	1.26	0.6	<1	0.26	1.7
N815501		4.65	<0.005	0.29	8.18	36.1	1290	2.07	0.30	0.46	0.73	75.5	6.6	16	30.7	13.1
N815502		4.84	<0.005	0.19	8.01	11.1	1000	2.19	0.11	0.43	0.29	81.9	5.0	10	28.6	7.7
N815503		4.03	<0.005	0.28	7.77	11.8	1150	1.88	0.24	0.44	0.39	76.3	6.1	27	27.1	16.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179916

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815468		3.45	18.75	0.16	0.8	0.059	2.32	23.9	37.9	0.21	335	8.55	0.12	9.2	5.8	600
N815469		3.39	18.80	0.17	0.8	0.037	2.15	18.7	25.2	0.35	307	5.05	1.08	10.3	6.2	630
N815470		3.59	17.55	0.21	0.7	0.071	2.67	26.9	44.0	0.24	548	8.53	0.18	9.5	6.6	590
N815471		3.29	17.45	0.20	0.7	0.052	3.01	25.0	31.5	0.30	445	7.59	0.07	9.0	6.0	580
N815472		3.13	17.35	0.23	0.8	0.042	3.11	23.5	27.6	0.31	512	6.66	0.09	9.0	6.2	580
N815473		3.35	18.25	0.21	0.8	0.065	2.95	26.1	64.6	0.29	1420	10.80	0.06	9.4	6.0	580
N815474		3.25	17.60	0.23	0.9	0.042	2.43	24.1	30.9	0.29	602	4.85	1.00	10.4	7.1	590
N815475		3.85	17.95	0.23	0.8	0.035	2.20	27.5	76.5	0.18	516	8.77	0.08	9.1	8.4	610
N815476		3.18	18.35	0.23	0.8	0.035	2.16	27.3	42.0	0.32	411	3.01	1.25	9.9	6.2	620
N815477		3.32	18.25	0.23	0.8	0.030	2.22	23.1	23.9	0.61	479	2.04	1.92	9.3	6.5	610
N815478		3.22	17.45	0.23	0.7	0.032	1.96	22.6	105.5	0.19	256	3.35	1.39	9.5	6.6	610
N815479		2.96	17.55	0.23	0.8	0.023	2.41	24.1	43.9	0.31	438	3.45	1.56	8.9	6.3	540
N815480		3.12	16.75	0.14	0.8	0.028	2.15	11.6	24.4	0.77	418	0.81	1.19	8.4	5.7	510
N815481		2.86	17.10	0.17	0.9	0.035	2.27	29.0	24.0	0.26	466	3.38	1.78	8.2	5.4	500
N815482		2.97	16.55	0.18	0.9	0.028	1.99	25.5	21.9	0.27	266	3.29	2.11	8.2	6.0	590
N815483		3.63	21.1	0.22	4.1	0.046	1.75	44.4	111.5	0.27	263	3.74	0.60	11.2	12.7	1570
N815484		3.98	22.9	0.21	4.4	0.051	1.97	40.6	105.5	0.25	259	5.12	0.23	12.1	15.0	1750
N815485		3.59	19.55	0.20	2.6	0.046	1.97	36.4	49.3	0.30	523	2.83	1.79	9.6	11.0	1120
N815486		2.58	15.85	0.17	1.0	0.027	2.81	34.3	15.3	0.24	515	4.11	0.60	7.8	4.8	410
N815487		3.23	18.90	0.16	0.8	0.035	3.54	25.2	12.0	0.31	1460	4.11	0.14	7.5	5.5	520
N815488		3.16	18.85	0.16	0.7	0.033	3.12	25.5	12.2	0.27	1360	3.95	0.67	8.3	5.5	470
N815489		3.18	17.45	0.17	0.8	0.031	3.10	27.0	15.3	0.27	1300	4.18	0.32	8.2	5.0	500
N815490		3.12	17.25	0.15	0.7	0.030	2.99	22.6	19.2	0.25	1040	2.67	0.29	7.3	5.2	510
N815491		3.08	17.75	0.17	0.7	0.039	3.22	16.3	17.1	0.29	2170	2.80	0.38	7.5	4.9	530
N815492		3.31	17.55	0.18	0.8	0.041	2.84	24.4	41.8	0.28	1280	3.97	0.83	7.2	6.3	530
N815493		3.04	18.05	0.17	0.9	0.047	3.08	23.7	17.4	0.25	1720	3.20	0.39	8.2	5.8	530
N815494		3.19	15.65	0.15	0.8	0.037	2.52	26.8	23.2	0.22	793	3.21	0.55	8.4	5.5	510
N815495		5.68	23.5	0.21	2.3	0.234	3.50	36.9	23.4	0.29	1070	5.66	0.06	12.1	6.8	1780
N815496		3.55	17.55	0.20	0.8	0.053	3.04	25.0	26.7	0.28	2070	5.06	0.10	8.3	6.1	530
N815497		3.36	16.40	0.16	0.8	0.040	3.19	24.2	18.6	0.27	2030	4.40	0.02	7.8	5.4	460
N815498		3.35	18.35	0.17	0.8	0.052	3.35	28.3	17.5	0.28	2120	4.11	0.06	8.0	5.1	520
N815499		3.53	16.95	0.17	0.8	0.037	3.36	20.1	14.5	0.30	3390	4.61	0.08	8.0	5.0	530
N815500		0.47	0.22	0.17	<0.1	0.011	0.04	0.7	1.0	12.15	227	0.12	<0.01	0.1	1.5	230
N815501		2.71	19.40	0.26	2.6	0.038	2.92	41.2	65.0	0.29	1120	3.14	0.06	10.8	7.6	940
N815502		2.56	20.3	0.25	2.6	0.030	2.70	44.1	82.8	0.24	779	2.65	0.07	11.4	4.8	1050
N815503		2.45	21.1	0.21	3.5	0.033	2.66	42.0	95.0	0.25	889	2.67	0.05	11.4	12.6	950

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179916

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815468		54.8	131.5	<0.002	0.03	13.55	14.5	1	3.7	94.2	0.68	0.57	13.8	0.290	1.79	3.5
N815469		27.2	100.0	<0.002	0.01	7.06	14.4	1	1.4	235	0.77	0.05	12.7	0.308	1.00	3.1
N815470		22.4	150.0	<0.002	0.03	13.85	14.5	1	1.5	117.0	0.74	0.06	12.4	0.305	2.08	3.3
N815471		9.1	178.0	<0.002	0.01	15.80	14.5	1	1.6	71.3	0.67	<0.05	11.5	0.304	2.15	2.6
N815472		11.0	183.0	<0.002	0.01	14.25	13.6	1	1.4	104.5	0.70	<0.05	11.9	0.296	2.22	2.7
N815473		14.5	184.5	<0.002	0.03	8.92	14.8	1	1.6	111.5	0.73	<0.05	12.2	0.312	2.56	3.0
N815474		30.3	134.5	<0.002	0.02	8.51	14.2	1	1.5	150.0	0.98	<0.05	13.6	0.301	1.78	2.9
N815475		25.9	110.0	<0.002	0.01	15.00	14.6	1	1.3	70.2	0.72	<0.05	13.7	0.287	1.36	2.9
N815476		21.9	114.0	<0.002	0.01	5.29	14.3	1	1.8	176.5	0.78	0.06	15.0	0.307	1.31	2.1
N815477		14.5	115.5	<0.002	0.01	2.97	13.6	1	1.3	253	0.72	<0.05	13.7	0.290	1.08	1.9
N815478		25.5	84.3	<0.002	<0.01	4.76	13.9	1	1.3	216	0.72	<0.05	12.5	0.299	0.92	2.1
N815479		14.0	134.5	<0.002	0.01	3.87	12.5	1	1.3	162.5	0.78	<0.05	14.2	0.253	1.28	2.1
N815480		12.5	78.8	<0.002	0.01	1.61	9.1	<1	1.4	171.5	0.82	<0.05	12.8	0.257	0.67	1.7
N815481		14.7	128.5	0.002	0.03	3.53	10.4	1	1.3	153.0	0.86	<0.05	15.5	0.251	1.11	2.4
N815482		12.4	98.4	<0.002	0.01	3.37	10.4	1	1.5	215	0.72	<0.05	13.6	0.278	0.94	2.4
N815483		15.0	77.6	<0.002	0.01	15.30	10.1	<1	1.4	158.5	0.77	<0.05	11.2	0.441	0.72	3.8
N815484		18.2	83.9	<0.002	0.05	12.15	9.8	2	1.5	164.0	0.71	<0.05	10.2	0.479	0.81	4.1
N815485		13.6	102.5	0.002	0.02	4.93	11.0	1	1.3	239	0.74	<0.05	12.2	0.367	0.98	2.8
N815486		12.7	161.0	0.003	0.03	7.50	8.9	1	1.1	75.4	0.79	<0.05	18.1	0.213	1.61	2.2
N815487		13.1	210	<0.002	0.03	8.35	11.3	1	1.5	51.3	0.67	<0.05	15.2	0.273	2.08	2.1
N815488		8.7	189.5	0.003	0.04	10.25	11.5	1	1.3	85.6	0.69	<0.05	15.8	0.266	1.87	2.0
N815489		10.2	175.0	<0.002	0.02	12.15	11.4	<1	1.2	72.2	0.74	<0.05	17.0	0.280	2.03	2.0
N815490		10.8	163.5	0.002	0.02	10.65	10.8	<1	1.2	82.0	0.65	<0.05	16.0	0.275	1.83	1.7
N815491		21.4	179.5	<0.002	0.15	7.45	11.1	1	1.2	99.0	0.64	<0.05	13.0	0.286	1.87	2.0
N815492		11.9	181.5	0.003	0.02	4.16	11.8	<1	1.5	69.9	0.64	<0.05	14.6	0.279	1.75	2.6
N815493		14.4	174.5	<0.002	0.02	12.80	12.0	1	1.8	67.0	0.70	<0.05	14.3	0.289	1.94	2.7
N815494		12.7	130.0	<0.002	0.03	12.45	11.2	1	1.4	103.5	0.75	<0.05	15.7	0.286	1.53	2.3
N815495		4000	179.0	0.006	0.62	64.9	15.0	4	20.5	386	0.78	0.33	8.1	0.458	2.09	4.1
N815496		22.2	185.5	0.002	0.05	15.15	11.7	1	1.7	100.5	0.74	0.05	15.5	0.291	2.39	2.8
N815497		19.0	171.5	<0.002	0.06	14.15	11.4	<1	1.3	85.0	0.69	<0.05	15.6	0.267	2.42	2.5
N815498		16.9	195.0	<0.002	0.06	14.90	11.8	1	1.4	71.8	0.72	<0.05	16.3	0.277	2.58	2.9
N815499		59.6	186.0	0.003	0.16	20.3	11.5	1	1.4	87.1	0.74	<0.05	13.4	0.287	2.50	3.1
N815500		1.5	1.9	<0.002	0.01	0.18	0.2	<1	0.2	39.1	<0.05	<0.05	0.2	<0.005	0.03	0.7
N815501		34.3	150.0	<0.002	0.03	9.42	7.4	1	1.6	137.5	0.82	<0.05	14.6	0.297	1.97	4.0
N815502		21.8	125.5	<0.002	0.01	7.06	6.1	1	1.6	130.5	0.78	<0.05	13.4	0.292	1.60	4.0
N815503		21.5	132.5	<0.002	0.01	5.91	6.5	1	1.7	210	0.80	<0.05	13.6	0.284	1.61	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179916

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N815468		97	6.7	16.3	200	16.8
N815469		103	4.6	13.6	141	16.1
N815470		98	5.6	16.6	159	16.1
N815471		99	3.5	14.2	88	15.2
N815472		95	3.8	13.5	84	17.2
N815473		98	2.9	14.9	111	16.4
N815474		96	3.0	14.2	96	18.3
N815475		97	3.5	18.4	131	16.6
N815476		94	2.9	16.5	93	18.2
N815477		96	1.7	12.9	75	16.2
N815478		96	1.3	13.8	72	14.8
N815479		85	2.5	13.7	61	18.3
N815480		79	3.7	9.1	50	20.5
N815481		79	4.2	12.4	58	20.7
N815482		88	6.4	11.2	58	24.2
N815483		96	4.3	17.7	76	163.0
N815484		100	1.9	17.6	91	193.0
N815485		96	1.7	14.9	78	100.0
N815486		69	1.8	12.8	47	26.1
N815487		90	1.8	12.3	58	18.3
N815488		91	1.5	13.1	57	18.1
N815489		89	1.3	13.7	57	18.2
N815490		90	28.5	12.6	52	15.2
N815491		91	1.7	11.6	60	15.8
N815492		96	2.3	10.6	74	16.5
N815493		93	2.1	10.8	62	19.4
N815494		85	1.2	10.5	58	18.5
N815495		147	3.7	19.9	2470	67.4
N815496		91	2.0	13.8	90	19.4
N815497		86	1.0	14.1	70	17.8
N815498		92	1.5	14.9	87	18.7
N815499		94	1.8	12.6	302	19.3
N815500		1	0.1	0.8	13	<0.5
N815501		61	1.8	14.1	124	90.3
N815502		47	1.5	14.3	83	87.1
N815503		54	1.5	13.3	102	139.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179916

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179917

Project: Klaza TR-12-37

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

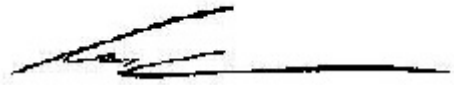
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179917

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815324		3.89	<0.005	0.25	8.28	22.2	1610	1.45	0.65	0.64	0.32	40.0	13.5	9	12.60	20.0
N815325		3.78	<0.005	0.15	8.51	9.2	1020	1.14	0.36	2.59	0.21	28.1	15.0	9	8.17	11.3
N815326		3.14	<0.005	0.13	8.57	6.4	800	0.96	0.23	2.95	0.29	23.0	15.4	4	9.98	13.3
N815327		3.72	<0.005	0.13	8.74	7.2	890	1.05	0.17	3.44	0.21	20.9	15.8	4	10.90	11.6
N815328		3.23	0.320	2.34	8.66	1180	840	1.26	0.46	0.57	0.67	32.4	12.8	6	21.6	31.4
N815329		3.73	<0.005	0.21	8.25	12.8	550	0.88	0.51	2.48	0.13	19.25	16.1	4	16.05	31.3
N815330		3.48	<0.005	0.17	8.13	16.6	1120	1.04	0.68	3.55	0.13	17.80	14.5	8	10.25	20.9
N815331		3.22	<0.005	0.30	8.33	42.9	700	1.09	2.05	1.78	0.20	22.7	16.3	11	13.20	23.7
N815332		3.76	<0.005	0.36	7.88	13.1	840	1.06	0.43	1.66	0.21	28.5	13.6	26	7.07	13.3
N815333		4.83	<0.005	0.18	8.77	5.0	650	1.02	0.14	3.24	0.46	20.7	13.9	6	8.53	11.9
N815334		4.29	<0.005	0.21	8.78	5.2	510	1.14	0.23	2.13	0.65	27.8	15.0	11	19.70	58.0
N815335		4.20	<0.005	0.18	8.22	4.9	750	1.02	0.12	2.96	0.30	26.2	14.3	10	9.24	40.8
N815336		4.21	<0.005	0.17	8.44	4.1	690	1.01	0.13	3.22	0.28	25.2	15.1	11	5.49	35.9
N815337		4.56	<0.005	0.16	8.39	4.8	930	1.15	0.21	3.35	0.34	29.9	16.4	37	8.17	36.5
N815338		3.71	0.082	0.42	7.00	144.0	830	1.28	0.31	1.57	0.46	30.2	18.1	56	17.65	23.9
N815339		2.04	<0.005	0.01	0.09	<5	20	0.05	0.02	21.6	0.05	1.10	1.4	2	0.16	2.1
N815340		3.57	0.007	0.24	6.60	32.1	660	1.14	0.22	3.29	0.31	19.15	14.7	50	13.70	12.8
N815341		3.66	<0.005	0.13	9.34	11.5	330	1.68	0.19	0.39	0.20	35.4	16.8	73	10.45	15.5
N815342		3.74	<0.005	0.29	9.27	7.5	570	1.49	0.19	1.28	0.53	36.6	18.3	67	17.95	73.5
N815343		4.84	<0.005	0.51	9.25	10.7	750	1.33	0.65	1.87	1.03	36.6	15.4	23	19.55	72.7
N815344		2.78	<0.005	0.72	8.36	27.0	570	1.33	1.26	2.11	0.85	31.2	13.5	17	18.65	124.5
N815345		4.74	<0.005	0.30	8.86	6.3	610	1.32	0.24	3.38	0.26	27.1	16.2	17	7.53	34.4
N815346		4.01	<0.005	0.15	9.05	10.1	1190	1.24	0.25	1.97	0.17	34.9	15.1	22	15.80	18.7
N815347		5.19	0.007	0.59	8.38	42.5	880	1.28	0.95	2.70	3.74	30.5	15.9	21	18.00	41.6
N815348		5.52	<0.005	0.23	8.57	12.1	2090	1.25	0.21	3.16	0.89	29.7	14.0	18	13.30	23.2
N815349		6.39	0.005	0.43	9.06	51.6	1150	1.45	0.34	1.71	0.65	40.3	17.2	17	34.9	32.3
N815350		0.23	1.380	33.2	8.28	566	1310	2.02	1.34	0.33	29.2	73.6	6.3	20	3.32	136.0
N815351		6.49	0.097	1.40	9.58	730	4560	1.41	0.49	1.32	1.04	40.6	17.0	18	23.0	37.8
N815352		6.73	0.085	1.11	8.86	522	1350	1.68	0.28	0.42	1.11	33.1	18.2	14	36.8	31.5
N815353		7.42	0.008	0.28	8.22	51.7	2830	1.35	0.23	0.44	0.38	45.6	11.1	10	23.9	17.5
N815354		7.65	0.005	0.18	9.26	17.9	1660	1.31	0.19	1.86	0.23	37.5	14.5	15	18.30	25.4
N815355		6.57	0.080	1.62	5.81	505	580	1.22	0.34	1.19	5.30	25.9	11.6	13	16.50	20.3
N815356		5.64	0.038	1.47	7.08	196.0	990	1.22	0.93	2.96	4.23	17.85	13.7	32	13.80	17.8
N815357		4.88	0.195	4.47	8.87	258	1040	1.47	2.87	0.85	4.94	34.4	19.0	53	14.15	64.0
N815358		5.24	0.010	0.72	6.89	61.2	490	1.30	0.71	3.12	1.80	21.2	19.5	64	21.3	36.4
N815359		6.34	0.045	1.69	8.02	560	890	1.37	0.88	0.83	9.66	23.6	15.7	11	24.8	36.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179917

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815324		3.84	18.95	0.22	1.6	0.053	2.66	21.6	21.8	0.65	908	5.03	0.38	5.0	4.7	690
N815325		4.62	18.85	0.23	1.5	0.060	1.30	14.5	26.9	1.56	1130	1.68	1.65	5.3	5.2	720
N815326		4.75	19.15	0.22	1.2	0.054	1.39	11.5	27.8	1.69	1390	0.83	1.51	4.9	3.3	690
N815327		4.97	19.05	0.21	1.2	0.050	1.33	9.5	25.3	1.63	1470	0.70	1.64	4.6	3.0	690
N815328		3.35	19.80	0.23	1.3	0.080	3.10	24.5	20.0	0.51	1000	4.07	0.19	5.6	3.5	790
N815329		4.72	18.10	0.23	1.1	0.046	1.39	8.9	26.8	1.91	1210	0.66	1.19	5.1	3.4	670
N815330		4.47	17.70	0.21	1.0	0.050	1.39	8.0	24.5	1.67	1200	0.61	1.80	4.7	3.9	640
N815331		4.87	18.35	0.23	0.9	0.080	1.48	11.9	25.3	1.72	1180	2.70	2.01	4.3	5.7	660
N815332		4.21	17.15	0.24	0.8	0.035	2.12	14.5	27.3	1.56	1340	2.16	2.28	3.3	10.5	780
N815333		4.44	18.20	0.22	1.1	0.040	1.17	8.7	21.7	1.65	1160	0.58	2.02	5.0	3.9	700
N815334		4.66	19.00	0.22	1.3	0.044	1.14	11.6	25.7	1.69	1380	1.37	1.35	5.9	5.9	730
N815335		4.24	16.75	0.22	1.3	0.038	0.99	12.3	22.5	1.57	1200	1.47	1.97	5.5	5.9	660
N815336		4.38	17.60	0.23	1.3	0.039	1.12	12.1	23.3	1.82	1140	1.51	2.10	5.7	6.3	670
N815337		4.76	17.80	0.21	1.5	0.060	0.99	14.1	25.7	1.91	1440	2.12	1.69	6.6	15.1	760
N815338		4.79	16.15	0.19	1.1	0.080	2.78	14.7	17.9	0.26	5230	8.05	0.10	5.4	17.6	630
N815339		0.48	0.38	0.30	<0.1	<0.005	0.03	0.5	1.2	12.65	215	0.32	0.01	0.4	2.8	180
N815340		4.93	16.15	0.17	1.3	0.054	2.95	8.5	31.5	0.27	3170	5.89	0.07	5.9	15.4	650
N815341		5.32	19.05	0.20	1.4	0.065	0.68	16.5	55.3	0.24	2080	6.36	0.03	6.6	20.6	820
N815342		5.77	19.85	0.23	1.5	0.058	1.10	17.8	52.7	1.41	1770	2.85	0.53	7.0	22.3	820
N815343		5.02	20.6	0.22	1.7	0.065	1.32	17.4	47.0	0.98	1460	45.8	0.74	7.5	10.6	780
N815344		3.92	19.90	0.21	1.7	0.063	3.15	15.4	16.5	0.71	2340	16.20	0.10	6.5	7.1	790
N815345		5.53	18.20	0.22	1.6	0.047	1.06	12.2	25.2	1.58	1220	1.77	1.52	7.2	8.2	840
N815346		4.49	19.25	0.23	1.5	0.045	1.59	17.4	42.0	0.77	1340	4.77	0.49	6.2	9.0	780
N815347		4.65	17.70	0.22	1.5	0.055	1.39	14.6	23.9	1.20	2580	4.36	1.59	6.2	8.7	730
N815348		4.50	19.50	0.24	1.4	0.043	1.19	13.0	24.8	1.66	2090	2.18	1.98	6.8	7.2	760
N815349		4.86	19.70	0.23	1.4	0.047	1.46	20.4	34.5	1.42	1600	3.33	1.18	7.0	7.6	800
N815350		6.24	24.3	0.28	2.2	0.226	3.81	36.4	26.3	0.31	1100	6.35	0.08	13.3	7.5	1910
N815351		4.68	20.1	0.22	1.4	0.075	2.08	22.3	33.9	0.70	1860	5.82	1.10	7.1	8.2	820
N815352		4.89	19.30	0.21	1.3	0.096	2.40	15.9	35.8	0.31	3120	12.45	0.03	7.4	7.9	790
N815353		3.60	17.55	0.20	1.4	0.065	1.74	24.5	57.3	0.38	1500	6.86	0.29	8.3	4.9	640
N815354		4.59	19.15	0.25	1.3	0.044	1.25	18.2	31.0	1.05	1140	2.88	1.51	6.9	6.7	780
N815355		4.13	12.85	0.20	1.0	0.063	2.30	13.5	37.4	0.29	3960	10.05	0.03	3.9	6.2	450
N815356		4.90	17.20	0.21	1.4	0.071	2.95	7.8	8.2	0.23	6260	6.32	0.21	5.8	11.8	660
N815357		5.36	18.85	0.23	1.4	0.085	3.56	16.9	5.5	0.25	4190	10.05	0.16	6.3	15.8	720
N815358		4.98	16.75	0.21	1.3	0.057	2.15	9.6	34.6	0.27	3270	7.39	0.08	6.0	17.0	730
N815359		4.53	17.20	0.20	1.3	0.105	2.90	12.7	11.4	0.29	5230	5.28	0.16	5.1	6.1	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179917

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815324		18.1	144.0	<0.002	0.70	46.7	14.7	2	1.4	144.0	0.34	0.21	7.6	0.263	1.26	1.8
N815325		21.4	51.8	<0.002	0.32	5.05	16.7	2	1.1	396	0.35	0.16	4.7	0.368	0.81	1.2
N815326		26.7	44.8	<0.002	0.06	2.62	15.8	2	1.0	349	0.31	0.07	3.3	0.376	0.81	1.0
N815327		17.8	38.4	<0.002	0.02	1.92	16.0	1	0.9	362	0.30	0.05	3.0	0.391	0.80	1.0
N815328		64.7	207	<0.002	0.11	35.3	18.3	2	1.0	67.8	0.36	0.08	5.0	0.388	2.71	1.6
N815329		29.4	41.5	<0.002	0.06	1.42	15.8	1	0.9	261	0.29	0.06	2.8	0.378	1.03	0.8
N815330		31.6	33.8	<0.002	0.18	1.67	14.1	1	1.0	430	0.27	0.08	2.4	0.362	0.99	0.7
N815331		31.4	60.9	<0.002	0.48	1.78	15.3	2	1.5	292	0.25	0.33	3.6	0.324	0.96	1.0
N815332		46.9	96.0	<0.002	0.74	1.39	14.6	1	0.7	264	0.20	0.18	5.1	0.249	1.06	1.2
N815333		64.1	31.1	<0.002	0.19	1.14	13.5	1	0.8	425	0.29	0.06	3.1	0.362	0.70	0.8
N815334		36.4	37.5	<0.002	0.05	2.97	15.1	1	0.8	276	0.37	<0.05	4.1	0.381	0.69	1.0
N815335		35.7	27.0	<0.002	0.04	1.28	14.8	1	0.8	415	0.33	<0.05	4.0	0.358	0.56	1.0
N815336		36.6	28.1	<0.002	0.03	1.25	15.4	1	0.8	447	0.34	<0.05	3.9	0.368	0.55	1.1
N815337		27.6	23.2	<0.002	0.03	2.22	17.1	1	1.0	417	0.39	<0.05	4.6	0.398	0.65	1.2
N815338		35.0	147.5	<0.002	0.17	16.10	17.2	1	0.8	58.1	0.30	<0.05	4.4	0.347	2.87	1.5
N815339		1.5	1.3	<0.002	0.01	0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N815340		22.0	129.5	<0.002	0.06	10.75	13.2	1	0.9	77.8	0.35	<0.05	2.9	0.367	2.94	1.2
N815341		17.3	46.6	<0.002	0.01	14.70	22.2	1	1.1	25.0	0.39	<0.05	6.4	0.429	0.68	1.5
N815342		98.5	64.6	<0.002	0.03	5.29	22.1	1	1.0	135.5	0.40	0.07	6.7	0.448	0.92	1.6
N815343		191.0	71.6	0.005	0.30	7.99	16.7	1	1.1	200	0.42	0.19	6.4	0.414	1.26	1.6
N815344		107.5	148.0	<0.002	0.39	10.45	15.3	1	0.9	64.4	0.38	0.52	5.6	0.372	2.50	1.6
N815345		43.0	27.7	<0.002	0.32	2.83	15.8	1	0.9	370	0.41	0.19	4.5	0.422	0.77	1.1
N815346		21.7	83.0	<0.002	0.27	8.60	17.0	1	1.1	143.5	0.38	0.10	5.9	0.404	1.34	1.4
N815347		329	56.3	<0.002	0.36	4.95	16.5	2	0.9	345	0.36	0.15	4.8	0.385	1.42	1.2
N815348		89.3	30.6	<0.002	0.14	2.69	15.9	1	1.0	455	0.39	0.05	4.2	0.393	0.95	1.0
N815349		44.3	82.7	<0.002	0.07	5.23	17.3	1	1.0	263	0.42	0.05	6.2	0.417	1.31	1.6
N815350		4260	181.5	0.004	0.66	60.8	16.4	5	19.2	421	0.74	0.26	8.1	0.482	2.20	4.2
N815351		112.5	129.5	<0.002	0.14	10.60	17.6	2	1.1	250	0.40	0.08	6.6	0.413	2.57	1.9
N815352		83.7	163.5	<0.002	0.12	16.00	18.1	1	1.2	62.7	0.46	0.06	6.5	0.421	3.37	1.9
N815353		17.5	109.5	<0.002	0.11	5.93	11.5	1	1.5	77.6	0.53	0.07	7.6	0.266	1.72	2.0
N815354		24.5	63.5	<0.002	0.05	4.75	16.3	1	1.0	314	0.41	<0.05	6.0	0.400	0.95	1.5
N815355		402	144.0	<0.002	0.34	55.5	11.1	1	0.6	100.5	0.23	<0.05	3.8	0.259	2.68	1.5
N815356		353	116.0	<0.002	0.63	44.8	13.7	1	0.9	120.0	0.34	0.08	4.0	0.358	2.51	1.7
N815357		1065	179.5	<0.002	0.69	92.9	18.6	2	1.0	70.4	0.36	0.11	6.3	0.398	2.92	2.1
N815358		98.1	103.0	<0.002	0.23	36.5	15.8	1	0.9	193.5	0.36	0.09	3.6	0.370	3.07	1.6
N815359		1030	174.0	<0.002	0.42	24.5	15.4	2	0.9	153.5	0.31	0.08	5.2	0.334	2.97	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179917

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N815324		113	2.2	16.6	85	59.2
N815325		132	2.8	17.3	97	52.0
N815326		140	1.6	17.6	145	42.4
N815327		146	0.9	15.1	132	42.0
N815328		149	3.5	34.5	167	48.9
N815329		138	1.2	14.8	133	43.9
N815330		133	1.8	14.7	117	39.8
N815331		123	2.1	19.4	111	34.5
N815332		107	1.4	14.9	132	32.1
N815333		119	1.0	12.5	145	43.3
N815334		132	1.1	13.7	134	52.3
N815335		123	1.0	14.2	141	51.1
N815336		131	0.9	16.0	120	54.1
N815337		135	1.4	18.1	174	58.1
N815338		134	3.3	20.6	137	46.1
N815339		3	0.1	0.9	16	0.5
N815340		135	3.1	11.0	160	50.8
N815341		145	29.7	18.2	157	57.5
N815342		158	3.7	18.2	230	63.6
N815343		142	3.6	18.8	245	71.5
N815344		125	3.6	20.8	174	73.7
N815345		144	3.4	15.1	179	65.8
N815346		143	3.3	16.0	107	60.8
N815347		132	3.1	18.6	482	64.2
N815348		149	3.0	17.5	190	58.2
N815349		143	2.8	22.1	163	58.1
N815350		157	3.8	21.1	2680	72.9
N815351		144	6.3	24.0	218	58.1
N815352		146	12.0	20.2	198	55.3
N815353		92	2.8	19.4	99	49.0
N815354		141	2.4	18.3	103	56.0
N815355		103	4.1	12.4	749	44.1
N815356		128	4.3	12.1	832	59.0
N815357		143	5.4	15.7	941	59.6
N815358		143	4.8	13.0	368	50.9
N815359		125	3.7	18.0	1200	55.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179917

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179918

Project: Klaza TR-12-37

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

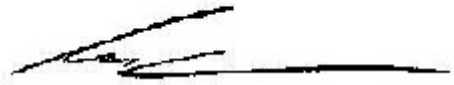
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179918

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815396		5.49	0.005	2.86	8.99	51.7	850	1.30	1.50	1.64	2.42	35.7	17.8	43	13.95	130.5
N815397		4.97	<0.005	0.40	8.49	15.2	1680	1.14	0.58	2.59	1.68	29.8	18.3	55	12.95	30.5
N815398		5.15	<0.005	0.33	8.94	53.4	860	1.33	0.43	1.82	2.41	33.1	19.2	59	21.2	38.7
N815399		3.30	<0.005	0.27	9.12	23.7	820	1.51	0.30	1.29	1.56	30.2	16.3	42	14.05	33.3
N815400		3.83	0.015	1.89	8.53	43.4	780	1.24	0.64	1.89	1.65	32.0	17.3	36	12.95	67.9
N815401		5.44	0.006	1.39	8.21	29.6	990	1.56	4.53	0.33	1.26	19.55	21.6	47	31.8	217
N815402		5.54	0.006	1.00	8.40	23.9	950	1.31	4.07	0.39	1.93	37.2	19.9	47	30.2	146.0
N815403		5.14	<0.005	0.71	9.24	26.0	920	1.41	1.38	0.45	2.57	42.5	18.5	42	21.2	101.0
N815404		4.65	<0.005	0.30	9.59	11.8	1630	1.46	0.64	1.51	1.66	32.9	19.2	58	29.3	55.2
N815405		4.99	<0.005	0.22	9.51	15.3	1200	1.29	0.23	1.26	2.21	42.2	18.0	51	28.7	47.2
N815406		5.43	<0.005	0.31	9.73	9.5	1040	1.19	0.40	1.98	1.60	40.8	18.4	57	19.80	52.1
N815407		5.01	<0.005	0.40	8.96	5.3	1220	0.71	1.12	0.34	0.60	40.3	16.3	39	17.60	35.6
N815408		6.53	<0.005	0.52	9.47	5.4	760	1.05	0.89	1.97	1.42	41.5	18.5	37	16.15	42.0
N815409		5.18	0.007	0.20	8.83	37.1	860	0.41	1.62	0.24	0.36	41.3	8.2	7	16.05	9.4
N815410		3.38	0.006	0.13	9.00	33.1	550	0.31	2.05	0.21	0.19	40.8	5.5	4	9.27	3.2
N815411		5.30	<0.005	0.11	8.92	12.1	840	0.32	1.31	0.27	0.10	52.3	4.0	13	7.46	4.0
N815412		3.78	<0.005	0.01	0.14	<5	30	0.06	0.03	21.8	0.05	1.35	1.2	1	0.21	2.8
N815413		4.85	<0.005	0.06	9.39	10.4	2290	0.35	0.81	0.26	0.11	49.4	2.3	15	7.46	3.3
N815414		4.18	<0.005	0.06	9.49	8.3	6190	0.45	0.54	0.21	0.14	48.7	3.3	15	7.17	4.1
N815415		6.47	<0.005	0.17	9.37	15.6	1010	0.97	0.76	0.21	0.35	49.9	11.0	14	24.0	9.5
N815416		4.42	<0.005	0.44	9.02	11.0	1380	1.65	1.16	0.28	0.62	53.0	12.3	10	16.00	16.5
N815417		6.62	<0.005	0.28	8.34	12.9	1980	1.43	0.70	0.43	0.42	56.0	6.4	8	15.40	14.8
N815418		5.36	<0.005	0.38	8.60	22.2	1500	1.37	0.76	1.51	0.52	51.6	12.2	11	15.90	33.3
N815419		4.06	<0.005	0.23	8.32	19.8	1030	1.37	0.49	1.37	0.44	52.8	7.8	8	15.05	26.3
N815420		3.74	<0.005	0.50	8.46	52.0	2060	1.40	1.83	0.37	0.85	50.9	8.3	8	30.1	24.0
N815421		5.32	<0.005	0.29	8.50	12.9	1830	1.38	2.33	1.48	0.82	52.4	10.9	10	22.9	42.9
N815422		4.29	<0.005	0.15	7.92	11.9	1200	1.38	0.31	1.09	0.54	54.3	6.7	8	18.45	13.7
N815423		4.10	0.005	0.34	7.63	37.2	690	1.23	1.62	0.22	0.50	46.8	7.0	5	22.7	25.7
N815424		5.62	<0.005	0.16	8.71	14.0	970	1.14	0.71	1.67	0.42	51.6	14.0	13	21.0	23.4
N815425		0.23	0.282	>100	5.78	220	620	0.55	5.08	1.46	24.1	20.9	12.5	65	0.98	6280
N815426		5.64	<0.005	0.18	8.99	11.0	1670	1.19	0.94	1.63	0.31	53.0	15.6	13	21.2	45.0
N815427		6.38	<0.005	0.13	8.95	12.8	1040	1.24	0.88	0.50	0.28	55.1	16.3	17	21.4	21.6
N815428		5.11	<0.005	0.15	8.65	19.6	1050	1.28	1.37	0.72	0.23	57.6	14.0	19	20.3	23.3
N815429		5.40	<0.005	0.21	9.23	27.2	1770	1.21	2.00	0.68	0.36	59.6	16.5	16	24.1	36.8
N815430		4.69	<0.005	0.19	8.18	23.7	2370	1.25	0.70	0.85	0.31	56.8	9.4	14	15.75	19.7
N815431		5.27	<0.005	0.23	9.00	16.6	1140	1.42	0.90	0.74	0.37	48.7	14.9	37	18.85	23.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179918

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815396		5.13	19.55	0.10	1.4	0.102	2.13	15.4	21.3	1.25	2640	3.44	0.94	5.8	19.4	780
N815397		4.75	18.90	0.09	1.1	0.058	1.16	12.0	28.0	1.76	2100	2.05	1.40	5.5	19.7	740
N815398		5.18	18.35	0.10	1.3	0.066	1.32	13.7	35.6	1.14	2210	1.86	1.02	5.3	20.5	740
N815399		4.61	18.70	0.11	1.5	0.052	1.20	12.3	26.7	0.94	1460	1.77	0.87	6.2	16.9	830
N815400		4.66	17.60	0.11	1.5	0.092	1.55	13.4	22.2	1.37	1820	1.83	1.32	5.7	15.7	780
N815401		4.62	18.50	0.10	1.3	0.172	2.74	9.6	21.4	0.36	2220	6.59	0.05	5.3	18.8	700
N815402		5.75	18.50	0.12	1.3	0.114	2.76	17.1	28.0	0.34	3460	8.87	0.05	5.1	18.6	710
N815403		5.41	19.65	0.12	1.4	0.113	2.50	23.2	36.0	0.52	2250	5.16	0.16	5.4	17.6	830
N815404		5.14	19.85	0.10	1.1	0.066	1.46	13.2	32.9	1.09	1860	2.14	0.97	6.1	20.9	830
N815405		5.05	20.7	0.13	1.3	0.062	1.30	18.6	40.9	1.02	2360	2.99	0.79	6.8	19.6	860
N815406		5.22	20.6	0.15	1.2	0.076	1.34	18.9	41.5	1.42	2650	3.07	1.65	6.6	17.5	880
N815407		5.15	22.3	0.17	1.4	0.104	3.61	18.8	38.7	1.09	1200	3.39	0.20	2.7	11.8	710
N815408		5.37	21.0	0.16	1.6	0.084	1.46	19.5	35.1	1.64	2670	2.46	1.45	6.3	16.0	860
N815409		6.29	25.0	0.17	0.7	0.037	2.86	19.8	43.5	0.17	312	12.75	0.07	1.2	4.3	790
N815410		4.90	21.2	0.16	0.4	0.019	1.88	19.1	109.5	0.10	221	16.00	0.07	1.8	1.7	840
N815411		4.27	17.75	0.17	0.5	0.030	2.04	24.7	86.1	0.09	204	11.15	0.08	2.1	1.7	920
N815412		0.53	0.38	0.13	<0.1	0.005	0.03	0.6	1.8	13.40	213	0.24	0.01	0.3	1.7	200
N815413		2.59	18.65	0.23	0.5	0.021	1.86	23.3	150.0	0.11	141	5.56	0.09	2.4	1.7	1020
N815414		2.68	15.05	0.19	0.5	0.014	1.76	23.1	181.5	0.07	133	6.00	0.05	2.7	2.3	1010
N815415		4.16	18.90	0.19	1.3	0.049	3.17	24.0	58.1	0.19	348	5.55	0.16	2.2	6.2	750
N815416		4.50	21.7	0.18	1.7	0.122	3.34	26.4	39.1	0.37	1400	4.41	0.12	3.0	7.3	730
N815417		2.86	18.15	0.16	1.6	0.059	2.20	29.3	37.9	0.29	1260	5.61	0.66	6.8	4.5	570
N815418		3.67	19.65	0.17	1.8	0.161	1.82	26.1	19.4	0.75	1940	22.7	1.87	8.6	8.0	710
N815419		3.07	18.60	0.17	1.8	0.096	1.77	27.4	12.9	0.53	1220	3.16	1.97	9.2	5.3	670
N815420		3.03	18.55	0.16	2.1	0.070	2.72	26.1	22.9	0.32	2270	5.36	0.25	9.2	5.3	700
N815421		3.81	19.55	0.17	1.8	0.102	1.59	26.3	28.5	0.61	2010	4.06	1.45	8.9	8.1	730
N815422		2.70	18.60	0.15	1.7	0.080	1.92	28.2	18.9	0.41	1900	5.01	1.50	7.6	5.3	580
N815423		2.93	18.40	0.15	1.5	0.092	3.25	23.7	12.2	0.25	1320	6.43	0.06	6.5	3.1	550
N815424		4.30	20.2	0.17	1.8	0.085	2.31	22.8	18.0	0.88	1420	2.28	1.39	9.4	6.1	670
N815425		6.31	13.25	0.16	1.6	0.468	1.17	9.5	12.8	1.18	1800	22.7	1.72	3.7	28.6	480
N815426		5.26	20.8	0.16	1.9	0.105	2.00	27.8	17.2	0.90	1100	3.12	2.05	8.9	4.9	660
N815427		4.90	21.2	0.18	1.8	0.089	2.83	28.6	23.3	0.51	807	3.62	0.40	5.3	7.5	770
N815428		4.49	19.95	0.16	2.1	0.083	2.57	28.2	31.3	0.57	755	2.98	0.53	6.4	7.6	720
N815429		4.42	20.6	0.17	2.2	0.079	2.06	30.1	36.4	0.50	1100	3.92	0.76	8.2	8.0	890
N815430		3.06	18.55	0.16	1.8	0.076	2.23	29.1	23.4	0.53	1300	2.59	0.99	8.8	7.0	640
N815431		4.43	20.5	0.17	1.7	0.096	1.83	24.0	36.4	0.81	1500	3.82	0.33	8.7	13.5	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179918

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815396		670	107.0	0.003	0.38	17.45	17.8	1	1.4	233	0.36	0.28	5.9	0.396	1.96	1.6
N815397		66.8	29.9	0.002	0.17	6.90	18.7	2	1.2	354	0.34	0.20	4.0	0.394	0.85	0.9
N815398		71.9	52.1	0.002	0.27	16.55	18.8	<1	1.2	225	0.36	0.26	5.3	0.412	1.06	1.4
N815399		44.6	37.1	<0.002	0.13	11.95	16.2	1	1.2	183.0	0.40	0.28	5.0	0.414	0.83	1.6
N815400		571	60.7	<0.002	0.24	11.85	14.6	1	1.3	287	0.38	0.41	4.8	0.371	1.30	1.4
N815401		108.5	141.0	<0.002	0.31	64.7	18.8	2	1.4	34.1	0.33	0.59	5.6	0.365	1.98	2.0
N815402		66.5	144.0	0.003	0.22	44.4	18.7	2	1.3	32.6	0.33	0.43	5.9	0.369	2.07	2.1
N815403		103.5	128.0	0.002	0.28	17.50	19.8	1	1.1	42.8	0.35	0.39	6.8	0.376	1.78	2.1
N815404		103.5	59.4	<0.002	0.06	8.05	18.7	1	1.2	293	0.37	0.22	5.7	0.443	1.09	1.3
N815405		81.7	66.2	<0.002	0.03	8.78	20.0	1	1.2	185.0	0.45	0.09	6.6	0.445	0.99	1.7
N815406		91.2	53.1	<0.002	0.18	7.38	21.6	1	1.2	320	0.44	0.27	5.9	0.447	0.81	1.5
N815407		44.5	169.0	<0.002	0.28	3.89	17.8	2	0.7	68.7	0.19	0.33	6.5	0.210	1.48	1.8
N815408		246	64.5	<0.002	0.17	3.87	18.4	2	1.1	332	0.43	0.43	6.7	0.413	1.01	1.8
N815409		50.3	142.0	<0.002	0.62	5.13	11.8	2	0.3	917	0.08	0.75	5.6	0.082	1.34	3.5
N815410		37.4	89.5	<0.002	0.71	2.86	8.0	2	0.4	1390	0.12	0.99	6.4	0.117	0.88	2.1
N815411		31.5	100.5	<0.002	0.50	2.28	6.2	2	0.9	1435	0.14	0.42	12.3	0.131	1.04	1.9
N815412		1.7	1.5	<0.002	0.02	<0.05	0.2	1	<0.2	56.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N815413		29.0	87.6	0.002	0.35	3.10	7.2	2	0.7	1720	0.18	0.30	10.3	0.145	1.04	1.8
N815414		19.9	82.3	<0.002	0.49	6.15	5.3	2	0.8	1785	0.19	0.19	10.5	0.154	0.85	1.9
N815415		21.1	144.0	<0.002	0.18	38.6	10.1	2	0.6	850	0.16	0.13	11.1	0.113	1.43	2.3
N815416		83.7	164.0	<0.002	0.42	13.35	9.5	2	0.6	473	0.23	0.28	10.5	0.121	1.82	3.2
N815417		27.0	123.5	<0.002	0.21	12.80	6.8	1	1.0	218	0.51	0.28	11.3	0.164	1.61	3.0
N815418		36.8	101.5	0.002	0.09	5.11	11.8	1	1.3	336	0.57	0.37	9.8	0.317	1.41	2.6
N815419		22.1	93.5	<0.002	0.09	4.40	8.2	1	1.2	293	0.65	0.23	11.1	0.251	1.35	2.9
N815420		56.8	161.5	<0.002	0.18	10.35	8.2	1	1.6	78.3	0.65	0.55	10.9	0.252	2.40	3.2
N815421		59.3	80.5	<0.002	0.07	7.71	10.0	1	1.7	310	0.63	1.30	10.3	0.302	1.14	2.7
N815422		35.2	96.9	<0.002	0.10	5.50	6.7	1	1.0	272	0.54	0.24	11.2	0.185	1.12	3.1
N815423		45.6	166.0	<0.002	0.13	11.55	6.5	1	1.7	75.1	0.47	0.34	10.4	0.141	1.84	2.8
N815424		32.3	100.5	<0.002	0.05	6.81	15.2	2	1.8	274	0.65	0.16	10.8	0.378	1.17	2.3
N815425		>10000	31.3	0.011	2.39	467	11.3	3	2.1	202	0.23	1.19	2.3	0.258	0.51	1.7
N815426		35.4	88.3	<0.002	0.20	4.53	17.7	2	2.6	341	0.60	0.45	11.0	0.374	1.06	2.7
N815427		21.6	151.0	<0.002	0.40	8.19	15.6	2	1.4	150.0	0.37	0.27	11.4	0.266	1.48	2.8
N815428		25.2	135.0	<0.002	0.22	12.60	14.6	2	1.5	156.0	0.45	0.30	12.0	0.288	1.39	2.9
N815429		49.1	117.5	<0.002	0.16	15.55	14.6	2	2.1	180.5	0.57	0.39	11.8	0.360	1.40	3.4
N815430		58.1	115.5	<0.002	0.08	8.80	9.5	1	1.9	229	0.64	0.20	11.2	0.248	1.46	2.8
N815431		39.4	97.4	<0.002	0.07	8.58	14.0	2	1.6	120.5	0.61	0.45	9.5	0.328	1.30	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179918

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815396		134	5.1	17.0	406	63.3		
N815397		147	2.5	15.9	234	35.7		
N815398		157	3.2	17.4	339	48.0		
N815399		147	2.1	15.9	279	58.7		
N815400		131	5.5	16.1	324	57.0		
N815401		131	4.1	19.4	232	61.6		
N815402		142	4.4	23.7	337	47.2		
N815403		150	4.8	26.7	382	53.5		
N815404		162	2.8	14.9	341	40.2		
N815405		164	5.9	21.4	339	50.6		
N815406		162	3.3	22.3	233	47.6		
N815407		129	2.7	19.0	141	53.0		
N815408		153	1.9	19.9	349	60.9		
N815409		115	0.7	12.8	56	25.6		
N815410		112	0.9	11.5	13	15.9		
N815411		110	1.7	12.9	16	18.6		
N815412		3	0.1	1.0	13	0.7		
N815413		113	1.3	15.2	11	16.9		
N815414		106	1.8	13.6	10	16.8		
N815415		104	1.7	14.9	74	46.8		
N815416		80	1.0	17.2	149	64.0		
N815417		49	1.4	13.1	100	55.9		
N815418		102	1.4	17.0	157	69.8		
N815419		67	1.4	15.6	114	70.7		
N815420		64	2.2	16.6	155	82.8		
N815421		89	3.1	17.1	144	67.8		
N815422		54	1.0	14.0	107	63.1		
N815423		49	2.5	12.8	111	50.8		
N815424		131	3.2	18.4	123	67.4		
N815425		85	0.6	16.2	5310	59.3	102	1.010
N815426		138	2.7	24.9	119	73.7		
N815427		133	1.9	20.3	95	67.3		
N815428		122	2.0	19.4	94	77.7		
N815429		130	2.8	21.5	118	87.3		
N815430		79	2.0	16.9	101	62.8		
N815431		120	3.2	19.1	141	58.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179918

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179919

Project: Klaza TR-12-37

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

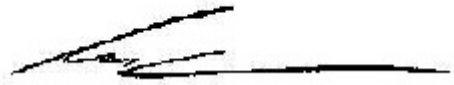
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179919

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815360		5.67	<0.005	0.23	8.60	16.4	1190	0.94	1.00	3.32	0.67	25.1	15.8	7	13.35	81.4
N815361		6.46	<0.005	0.16	8.85	8.1	610	1.01	0.48	4.92	1.51	29.1	17.4	9	11.75	37.9
N815362		5.63	<0.005	0.08	8.67	4.2	840	1.17	0.26	4.07	0.33	24.9	15.9	4	10.85	21.1
N815363		8.41	0.126	10.60	6.86	172.5	870	0.97	0.21	2.70	56.4	18.80	6.7	5	20.5	130.5
N815364		7.54	0.040	1.05	8.08	83.0	1060	1.23	0.38	3.49	14.30	21.2	13.5	7	15.10	30.8
N815365		5.84	0.009	0.57	6.76	44.4	700	1.14	1.07	2.92	0.69	19.35	13.5	19	15.80	36.8
N815366		6.98	0.006	1.15	7.90	21.9	740	1.45	2.45	3.69	0.83	48.2	12.4	8	13.00	87.9
N815367		6.32	<0.005	0.34	8.35	5.4	660	1.24	1.08	4.04	0.28	38.9	10.8	14	11.15	58.8
N815368		5.48	<0.005	0.16	8.07	10.6	840	1.40	0.60	2.50	0.43	50.3	11.7	15	7.69	25.7
N815369		4.95	<0.005	0.23	8.03	17.7	920	1.24	0.65	2.40	0.47	45.0	12.0	21	6.47	28.9
N815370		7.52	<0.005	0.31	8.86	14.4	730	0.99	0.64	2.86	1.00	38.4	12.1	11	13.50	64.7
N815371		5.47	<0.005	0.27	8.85	7.8	620	0.97	0.79	2.49	1.20	29.3	15.1	6	17.05	53.1
N815372		6.56	<0.005	0.54	8.32	8.6	660	1.06	0.69	2.69	0.87	38.5	18.5	40	10.70	135.5
N815373		6.70	<0.005	0.25	8.73	12.6	780	1.17	0.58	3.23	0.61	39.1	19.0	47	9.12	57.1
N815374		7.20	0.005	0.85	8.67	23.5	1440	1.50	3.49	1.84	1.23	51.2	22.4	44	19.85	227
N815375		7.02	<0.005	0.27	8.75	16.0	1520	2.22	1.02	1.07	0.54	58.1	18.8	38	28.7	96.1
N815376		5.00	<0.005	0.13	9.23	7.3	960	1.54	0.41	1.45	0.40	37.2	17.8	39	18.80	33.1
N815377		4.88	<0.005	0.16	8.23	21.0	760	2.14	0.31	1.34	0.44	44.6	13.3	33	33.8	37.3
N815378		5.53	<0.005	0.14	7.39	8.8	2330	2.25	0.33	1.47	0.58	43.7	7.3	18	19.35	12.3
N815379		5.82	<0.005	0.09	7.98	17.7	1160	2.05	0.23	1.02	0.19	42.0	12.5	28	20.5	19.0
N815380		5.50	<0.005	0.28	8.39	7.8	740	1.34	1.26	3.87	0.30	26.3	19.9	33	14.05	32.3
N815381		4.55	<0.005	0.38	8.86	27.0	910	1.18	1.03	2.83	0.49	43.0	17.7	47	21.8	66.7
N815382		5.63	0.006	1.34	8.91	84.9	1040	1.90	0.73	1.25	4.89	31.0	20.3	60	29.4	77.3
N815383		4.80	<0.005	0.42	8.79	10.3	920	1.52	2.36	3.23	0.79	41.6	20.7	56	10.40	69.2
N815384		0.23	1.330	34.0	7.67	538	1200	2.34	1.25	0.29	32.9	78.3	6.2	18	3.36	131.5
N815385		6.06	<0.005	0.39	8.75	46.1	550	1.55	0.87	1.30	1.12	28.7	18.7	45	24.1	41.2
N815386		6.34	<0.005	0.80	8.38	19.7	1200	1.76	6.77	2.93	0.63	23.2	13.8	31	42.4	36.9
N815387		6.93	0.029	1.40	8.06	80.1	1080	1.80	0.56	2.49	0.94	17.00	10.6	4	38.0	71.2
N815388		7.04	0.141	2.13	7.48	181.5	1150	1.53	0.69	2.45	5.14	17.90	11.6	4	23.0	163.5
N815389		6.84	<0.005	0.19	8.20	8.3	1750	1.57	0.67	2.13	1.12	18.75	11.2	4	37.4	31.3
N815390		5.97	0.048	3.88	9.16	71.7	1510	2.53	0.64	0.86	9.61	21.0	11.5	3	24.8	278
N815391		5.28	0.038	1.92	9.30	268	1040	2.25	0.63	1.04	2.40	21.8	11.8	11	20.9	90.9
N815392		7.06	0.032	1.65	8.18	112.0	2500	1.89	1.18	1.16	0.47	26.6	4.9	11	21.0	55.6
N815393		2.30	<0.005	0.01	0.11	<5	20	0.09	0.02	21.4	0.09	1.26	1.6	<1	0.32	2.4
N815394		5.75	0.015	0.69	7.72	130.0	750	1.87	0.54	0.36	1.75	36.5	6.4	15	23.4	26.5
N815395		5.68	0.075	3.63	7.47	390	1030	2.08	2.03	0.28	2.60	38.6	9.0	17	30.0	91.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179919

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815360		4.97	19.75	0.17	1.3	0.105	1.12	12.2	23.8	1.55	2230	1.02	1.49	5.0	4.5	650
N815361		5.12	18.95	0.16	1.1	0.221	0.94	13.7	21.6	1.68	1490	1.00	1.78	5.9	5.2	870
N815362		5.08	19.90	0.15	1.2	0.048	0.86	12.1	20.3	1.64	1260	0.86	1.69	5.2	3.9	730
N815363		2.87	16.10	0.17	1.1	0.227	2.85	8.9	10.5	0.57	4400	1.37	0.11	4.5	2.4	630
N815364		4.37	17.95	0.19	1.2	0.115	1.90	10.5	12.4	0.72	2890	1.53	1.06	4.7	4.3	660
N815365		3.87	18.45	0.17	1.4	0.071	3.04	8.7	16.0	0.33	2430	4.13	0.07	5.1	5.9	640
N815366		4.56	22.5	0.21	2.0	0.136	1.86	22.3	20.4	0.73	2870	2.47	0.71	7.3	3.8	630
N815367		4.34	21.2	0.19	1.9	0.142	1.87	19.2	15.1	1.51	1940	0.84	1.14	6.2	5.5	660
N815368		3.87	18.50	0.18	1.8	0.055	1.64	23.9	18.5	1.11	1190	1.01	2.00	8.5	6.2	680
N815369		3.76	18.20	0.17	1.8	0.074	1.49	21.2	19.9	1.18	1160	1.62	1.84	7.8	8.8	690
N815370		4.10	18.75	0.21	1.8	0.066	1.47	18.3	29.2	1.16	1440	1.29	1.50	6.1	6.2	750
N815371		4.38	19.20	0.16	1.2	0.059	1.11	15.1	21.0	1.15	1310	0.91	1.94	4.8	4.6	750
N815372		4.19	19.25	0.13	1.2	0.066	1.39	17.3	21.6	1.60	1370	0.98	1.57	6.2	14.8	730
N815373		4.54	20.2	0.16	1.1	0.063	1.23	18.0	20.6	1.80	1310	1.22	2.13	6.9	18.0	760
N815374		4.90	19.60	0.20	1.2	0.088	1.52	26.3	28.9	1.07	1860	3.14	1.21	6.5	17.7	760
N815375		4.46	23.3	0.19	1.8	0.086	1.82	29.1	39.0	0.65	1080	2.28	0.76	8.9	19.5	800
N815376		4.73	20.5	0.17	1.3	0.063	1.07	16.6	37.3	0.97	1170	1.29	1.01	6.6	15.8	790
N815377		4.12	21.6	0.16	1.9	0.048	2.21	21.3	39.8	0.43	1280	2.57	0.41	8.7	12.2	790
N815378		2.48	20.8	0.12	2.1	0.027	2.34	20.6	39.6	0.28	568	1.67	0.20	10.7	7.3	740
N815379		3.25	20.2	0.17	1.5	0.040	1.96	19.9	50.7	0.28	811	1.97	0.59	8.3	10.8	800
N815380		5.27	20.1	0.16	1.0	0.069	1.18	12.5	24.0	1.61	1380	0.99	1.68	6.9	13.5	850
N815381		4.86	19.95	0.07	1.2	0.075	1.34	20.0	24.3	1.28	1620	1.23	1.76	6.7	16.4	800
N815382		4.24	21.1	0.17	1.1	0.123	2.17	15.8	30.4	0.46	4260	4.64	0.43	6.1	19.8	760
N815383		4.77	20.3	0.18	1.1	0.152	1.36	19.8	25.7	1.85	1540	1.26	2.04	6.6	20.9	740
N815384		5.59	23.1	0.24	2.1	0.251	3.39	38.9	26.4	0.28	1040	5.90	0.07	12.7	7.5	1750
N815385		4.79	21.3	0.17	1.1	0.072	1.35	13.7	49.4	0.61	1470	2.02	0.30	6.6	18.8	760
N815386		4.07	22.2	0.17	1.2	0.077	2.94	10.3	28.1	0.51	1770	3.77	0.43	7.0	11.6	950
N815387		3.32	20.8	0.13	1.1	0.128	3.49	7.1	18.1	0.26	1640	3.47	0.42	8.0	3.2	950
N815388		3.87	18.15	0.12	1.0	0.412	2.73	7.7	42.4	0.31	2600	5.73	0.20	7.1	2.9	870
N815389		3.98	19.65	0.13	0.9	0.064	2.50	7.9	55.8	0.25	1820	2.76	0.16	7.6	2.9	930
N815390		3.85	21.9	0.17	0.9	0.635	4.00	9.2	7.3	0.33	4620	4.48	0.08	7.5	2.9	970
N815391		3.90	22.4	0.16	1.1	0.113	4.28	9.5	7.9	0.38	3280	3.13	0.05	7.5	4.9	980
N815392		2.06	20.8	0.09	2.4	0.054	2.94	13.4	31.6	0.27	1100	1.50	0.04	8.2	5.3	580
N815393		0.49	0.40	<0.05	<0.1	0.005	0.04	0.6	1.0	12.60	232	1.01	0.01	0.3	0.3	200
N815394		2.66	19.00	0.06	2.1	0.058	2.80	18.0	19.2	0.23	2940	3.34	0.04	7.3	6.2	550
N815395		2.96	17.35	0.09	1.7	0.137	2.19	19.9	36.8	0.22	3910	32.2	0.04	6.1	6.8	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179919

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815360		17.1	39.7	<0.002	0.17	4.33	15.5	<1	1.3	387	0.36	0.08	3.7	0.390	1.09	1.2
N815361		19.3	26.8	<0.002	0.21	6.06	15.9	<1	1.3	406	0.40	0.06	3.8	0.460	0.67	1.2
N815362		22.0	25.2	<0.002	0.12	2.05	14.9	1	1.1	370	0.35	0.08	4.0	0.406	0.61	1.2
N815363		5930	139.0	<0.002	0.70	27.9	10.2	<1	0.9	137.0	0.31	0.05	3.1	0.316	2.51	1.2
N815364		804	91.9	<0.002	0.29	9.52	14.3	2	1.0	282	0.35	0.06	3.8	0.374	1.82	1.4
N815365		19.1	134.5	<0.002	0.69	13.95	12.2	1	1.5	108.5	0.38	0.17	4.0	0.348	2.31	1.5
N815366		64.1	87.9	0.002	0.83	8.67	13.6	2	3.0	188.0	0.56	0.26	8.6	0.332	1.83	2.2
N815367		35.4	78.6	<0.002	0.38	3.12	13.0	1	2.9	248	0.49	0.10	6.6	0.345	1.39	1.9
N815368		28.5	64.8	0.002	0.06	3.01	14.2	2	1.9	386	0.62	0.06	9.0	0.375	0.90	2.2
N815369		36.4	63.0	<0.002	0.08	3.83	13.7	1	1.6	365	0.54	0.09	8.0	0.359	0.90	2.1
N815370		40.4	58.3	<0.002	0.11	3.91	13.9	1	1.2	313	0.43	0.12	6.2	0.378	0.86	1.8
N815371		43.8	42.5	0.002	0.11	8.51	13.7	1	0.9	353	0.34	0.13	4.3	0.368	0.63	1.4
N815372		97.0	47.2	<0.002	0.06	3.20	17.7	2	1.1	330	0.39	0.19	4.9	0.389	0.69	1.2
N815373		38.2	35.3	<0.002	0.03	2.75	17.9	2	1.2	436	0.42	0.12	4.9	0.403	0.58	1.2
N815374		79.6	80.4	<0.002	0.07	14.25	19.7	3	1.3	266	0.41	0.35	5.9	0.378	0.84	1.5
N815375		33.7	93.0	<0.002	0.04	14.00	16.2	1	1.7	182.5	0.58	0.07	9.0	0.341	0.93	2.6
N815376		24.6	44.2	<0.002	0.05	6.70	18.9	2	1.3	220	0.42	0.07	5.3	0.414	0.67	1.5
N815377		37.3	94.6	<0.002	0.02	15.10	14.5	1	1.4	134.5	0.57	0.06	7.1	0.335	1.11	2.4
N815378		40.7	86.4	<0.002	0.05	10.90	7.0	1	1.6	135.0	0.78	<0.05	8.5	0.246	1.01	3.0
N815379		20.6	88.1	<0.002	0.04	11.20	13.3	2	1.3	142.5	0.55	0.09	6.9	0.337	1.03	2.2
N815380		35.8	28.1	<0.002	0.11	3.71	16.1	2	1.2	402	0.39	0.21	3.1	0.409	0.60	1.0
N815381		39.0	46.3	<0.002	0.07	4.97	17.0	1	1.3	390	0.43	0.33	5.1	0.400	0.71	1.4
N815382		296	113.5	<0.002	0.12	21.7	21.9	2	1.3	145.0	0.38	0.17	4.9	0.418	1.91	1.4
N815383		45.5	43.2	<0.002	0.09	3.70	20.3	2	1.3	443	0.41	0.43	5.5	0.423	0.68	1.3
N815384		3830	177.5	0.003	0.61	73.2	15.5	5	21.8	388	0.76	0.40	7.2	0.452	1.69	3.3
N815385		123.0	61.1	<0.002	0.03	12.55	20.1	2	1.2	121.0	0.41	0.20	4.7	0.403	1.04	1.3
N815386		59.7	127.0	<0.002	0.15	7.75	15.1	2	2.2	154.0	0.41	0.46	4.0	0.415	1.71	1.2
N815387		249	186.5	<0.002	0.44	11.40	11.1	2	1.6	146.0	0.49	0.19	2.9	0.445	2.94	1.1
N815388		662	129.5	<0.002	0.76	41.1	10.5	2	1.3	112.5	0.42	0.16	2.8	0.395	2.15	1.1
N815389		49.7	132.0	<0.002	0.11	17.10	11.5	1	1.3	94.1	0.45	0.23	2.8	0.417	2.25	1.0
N815390		1365	227	<0.002	0.52	31.1	13.9	2	1.4	64.2	0.44	0.23	3.3	0.404	2.70	1.3
N815391		419	205	<0.002	0.19	73.2	14.5	2	1.3	66.4	0.45	0.12	3.3	0.416	2.33	1.4
N815392		548	155.0	<0.002	0.15	59.7	5.6	<1	1.4	118.0	0.58	0.10	6.2	0.213	2.08	3.4
N815393		4.2	2.3	<0.002	0.02	0.16	0.3	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N815394		185.0	168.0	<0.002	0.08	45.6	6.6	<1	1.2	133.0	0.54	0.05	7.0	0.206	2.38	3.4
N815395		1045	134.0	0.003	0.17	91.7	8.1	<1	1.4	344	0.43	0.22	6.3	0.218	1.95	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179919

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815360		153	2.0	16.1	269	45.7
N815361		158	3.0	16.0	243	42.2
N815362		148	1.6	13.9	180	44.1
N815363		98	2.7	10.8	4940	45.5
N815364		137	3.2	15.9	1360	44.2
N815365		126	4.9	10.4	127	57.4
N815366		140	4.9	19.2	189	76.0
N815367		153	2.5	18.3	170	69.8
N815368		116	1.8	18.9	135	69.3
N815369		112	1.8	17.3	146	73.3
N815370		120	1.6	17.3	182	60.5
N815371		121	1.8	20.5	205	42.1
N815372		133	1.4	17.7	153	51.7
N815373		137	1.8	18.8	126	46.7
N815374		133	2.7	26.3	197	49.0
N815375		106	3.0	19.1	192	79.1
N815376		142	2.2	17.0	141	52.8
N815377		105	2.0	17.1	119	83.2
N815378		57	1.6	9.8	102	88.0
N815379		104	1.9	13.1	94	65.0
N815380		144	2.0	15.2	143	40.5
N815381		144	2.3	22.2	129	47.4
N815382		157	3.6	20.8	477	45.5
N815383		153	2.0	20.0	164	45.7
N815384		143	3.7	18.9	2460	69.1
N815385		145	3.3	19.6	198	48.3
N815386		143	5.3	13.6	187	54.7
N815387		117	6.8	9.3	227	48.8
N815388		101	4.0	8.8	572	43.2
N815389		107	2.7	10.8	204	39.2
N815390		106	6.6	11.3	1000	41.0
N815391		114	10.3	11.5	336	48.3
N815392		43	1.9	7.7	101	98.6
N815393		2	0.1	0.9	16	0.5
N815394		50	2.7	11.2	226	90.1
N815395		64	3.8	11.8	340	71.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179919

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179921

Project: Klaza TR-12-37

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

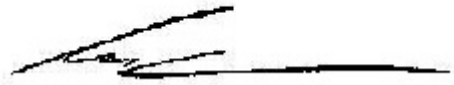
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179921

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815288		3.59	<0.005	0.37	9.41	24.7	1050	1.91	2.69	0.39	0.40	55.7	16.0	24	11.05	43.8
N815289		3.02	0.007	0.38	9.31	32.4	710	1.88	3.56	0.36	0.15	55.5	15.5	20	12.75	59.4
N815290		3.69	0.024	0.66	8.71	563	1690	1.66	1.58	0.31	0.48	42.7	10.3	21	11.10	26.1
N815291		3.57	0.042	1.02	7.88	465	7750	1.74	1.94	0.28	1.71	52.8	9.8	11	13.95	28.7
N815292		3.39	0.006	0.50	7.57	110.0	1010	1.42	2.59	0.32	0.60	50.6	6.5	3	14.40	19.3
N815293		3.28	0.041	1.03	8.53	602	880	1.26	1.50	0.34	0.89	49.7	7.6	4	13.15	15.5
N815294		4.96	0.005	0.14	9.10	48.8	750	1.43	0.88	0.91	0.33	48.9	12.8	18	11.15	20.6
N815295		3.87	<0.005	0.10	9.55	30.5	1130	1.58	0.40	0.40	0.47	65.8	6.8	6	10.35	20.6
N815296		3.90	<0.005	0.19	9.30	32.8	1170	1.66	0.53	0.39	0.64	50.2	8.5	15	16.45	18.9
N815297		3.97	0.014	0.44	9.56	173.5	610	1.89	1.28	0.40	1.28	59.4	14.1	17	21.8	35.2
N815298		4.18	<0.005	0.16	9.29	11.5	890	1.50	0.53	1.66	0.26	49.0	11.8	19	15.55	21.6
N815299		3.86	0.005	0.29	8.64	18.9	980	1.22	1.05	0.60	0.21	38.7	16.2	10	19.25	18.5
N815300		3.86	0.006	0.34	9.34	23.0	2010	1.41	1.19	0.54	0.34	35.9	14.8	10	23.0	18.8
N815301		4.44	0.008	0.32	9.49	29.1	1310	1.23	1.32	1.28	0.25	40.9	16.8	12	24.3	28.1
N815302		4.00	0.069	1.43	9.58	65.9	2660	1.36	2.55	0.41	0.64	44.6	18.9	10	27.7	84.2
N815303		3.81	0.007	0.38	9.15	40.3	2430	1.33	0.96	1.51	0.75	41.9	17.0	15	18.50	29.2
N815304		4.73	0.019	0.71	9.29	72.8	1780	1.30	1.52	1.06	0.54	35.1	15.5	11	23.5	38.6
N815305		4.11	<0.005	0.49	8.80	9.9	1190	1.13	1.19	1.65	0.44	33.7	15.4	9	16.60	28.1
N815306		4.91	0.005	0.57	10.10	35.3	1040	1.51	0.69	0.39	0.80	38.8	19.9	10	21.5	55.9
N815307		3.82	<0.005	0.21	8.77	23.7	1480	1.16	0.90	1.45	0.61	42.7	12.9	16	16.20	21.3
N815308		3.85	<0.005	0.14	8.62	35.1	1030	1.50	0.84	1.26	1.62	60.2	12.2	35	14.55	24.2
N815309		3.34	<0.005	0.48	9.24	19.9	1760	1.51	1.32	1.02	1.23	45.3	21.3	138	23.3	47.5
N815310		4.28	<0.005	0.40	9.05	11.8	1660	1.11	0.72	2.45	1.20	36.6	20.8	65	12.75	38.2
N815311		3.18	<0.005	0.24	8.85	6.3	670	0.96	0.48	2.88	0.69	33.6	18.6	11	8.13	37.0
N815312		4.14	0.029	0.55	9.28	93.7	3640	1.25	0.59	0.44	1.41	37.6	21.1	9	19.85	41.2
N815313		3.58	0.022	0.26	8.84	79.7	510	1.19	0.37	0.91	0.45	41.5	15.8	8	15.50	44.5
N815314		3.53	0.052	1.01	8.37	197.5	1080	1.39	1.14	0.29	0.57	37.4	16.7	15	16.85	48.4
N815315		4.31	<0.005	0.32	9.80	30.9	740	1.52	1.09	0.32	0.81	36.1	18.5	8	18.85	40.7
N815316		2.78	0.026	0.81	8.94	134.5	640	1.29	1.28	0.83	2.88	41.4	17.9	7	29.5	32.3
N815317		2.24	<0.005	0.01	0.12	<5	20	0.05	0.03	21.2	0.06	1.54	1.4	1	0.29	1.5
N815318		5.51	<0.005	0.18	9.20	12.4	750	1.22	0.43	1.91	0.31	27.9	16.8	9	16.80	28.9
N815319		4.24	<0.005	0.19	8.79	3.6	900	1.14	0.50	2.57	0.14	35.3	12.6	8	9.50	18.2
N815320		3.62	<0.005	0.26	8.58	4.6	950	1.03	0.31	1.99	0.38	49.2	12.9	8	9.72	23.5
N815321		3.99	<0.005	0.17	9.16	4.7	850	1.06	0.28	1.65	0.39	44.5	14.4	7	12.15	27.3
N815322		0.23	0.264	97.9	5.38	232	570	0.59	5.13	1.39	23.9	17.80	11.1	60	0.89	5830
N815323		4.05	0.006	0.50	9.42	7.4	1980	1.41	0.79	0.95	0.49	54.6	15.2	7	11.50	33.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815288		4.91	20.2	0.23	1.9	0.141	2.00	29.3	53.1	0.45	1060	7.09	0.29	8.6	6.9	950
N815289		4.73	20.6	0.23	2.0	0.151	2.12	29.9	48.6	0.58	752	3.98	0.38	9.3	6.4	970
N815290		3.69	19.50	0.23	2.0	0.111	2.91	23.9	330	0.27	1920	3.96	0.07	8.8	6.4	830
N815291		4.95	17.20	0.25	1.9	0.097	3.17	31.1	57.2	0.26	3890	14.60	0.11	7.7	5.9	860
N815292		2.30	16.70	0.19	2.2	0.071	2.58	27.5	394	0.25	1420	11.70	0.06	8.3	3.5	780
N815293		2.65	18.50	0.11	3.0	0.050	2.57	26.3	42.4	0.32	1080	2.76	0.20	9.5	3.9	820
N815294		4.36	20.1	0.15	3.2	0.064	1.44	20.5	36.5	1.09	822	1.40	0.87	9.3	9.4	900
N815295		2.79	17.65	0.18	2.6	0.049	1.92	22.2	83.5	0.42	929	1.69	0.11	9.4	4.9	960
N815296		3.45	18.50	0.14	2.1	0.061	2.12	19.2	42.4	0.47	1370	2.54	0.10	8.7	4.6	950
N815297		4.12	18.90	0.18	2.5	0.105	1.72	29.2	94.5	0.22	1720	5.25	0.06	8.5	6.0	1010
N815298		4.28	17.35	0.13	2.1	0.063	1.38	21.6	31.6	0.96	1260	1.66	1.14	7.4	5.7	940
N815299		5.15	18.30	0.15	2.0	0.101	1.44	18.1	39.1	0.88	1330	2.14	0.62	5.1	4.0	770
N815300		5.67	17.75	0.12	1.5	0.063	1.82	17.5	46.6	0.74	1220	2.53	0.37	4.3	4.1	790
N815301		5.07	21.1	0.19	1.8	0.084	1.53	21.3	32.9	0.90	1210	3.38	1.08	5.5	5.4	690
N815302		4.05	21.1	0.13	2.6	0.111	1.44	23.3	50.6	0.32	1610	32.2	0.15	5.7	5.9	780
N815303		4.77	20.1	0.18	2.1	0.097	1.50	21.3	38.1	0.76	1480	2.93	0.97	6.3	7.1	700
N815304		4.85	19.90	0.16	2.1	0.104	1.55	18.5	37.3	0.65	1540	6.81	0.68	5.5	5.8	720
N815305		5.11	19.00	0.18	2.3	0.083	1.30	16.7	30.1	1.41	1290	1.79	1.24	5.4	5.0	690
N815306		4.24	18.95	0.12	1.8	0.105	0.88	19.9	76.4	0.27	1800	5.84	0.10	5.6	5.7	840
N815307		4.27	18.55	0.18	2.1	0.064	1.39	21.1	29.3	1.14	1320	1.90	1.10	7.2	7.1	730
N815308		3.81	19.00	0.18	3.3	0.070	1.99	31.7	28.3	0.72	1200	2.06	1.20	9.7	15.8	1180
N815309		4.71	19.60	0.16	2.6	0.093	1.91	23.6	28.0	1.08	1280	2.46	1.05	8.5	42.8	1010
N815310		5.32	19.90	0.18	1.8	0.076	1.19	18.4	25.9	1.63	1940	2.01	1.54	6.1	24.6	790
N815311		4.96	19.60	0.19	1.7	0.062	0.80	16.0	20.0	1.61	1790	1.25	2.05	5.5	7.0	680
N815312		4.01	21.4	0.13	2.3	0.067	1.33	20.1	58.7	0.26	2830	3.78	0.12	5.6	7.2	730
N815313		4.12	19.75	0.15	2.0	0.047	1.21	23.4	42.3	0.68	1520	7.62	0.56	6.5	5.5	710
N815314		4.46	19.00	0.14	2.3	0.064	2.35	20.7	36.9	0.23	2920	12.80	0.09	6.1	7.7	720
N815315		5.58	18.35	0.13	1.6	0.077	2.28	17.9	34.3	0.25	2000	7.58	0.05	5.0	6.1	760
N815316		4.30	21.0	0.17	2.7	0.101	2.65	21.5	20.6	0.37	3320	6.12	0.09	6.2	5.1	690
N815317		0.49	0.44	0.30	<0.1	<0.005	0.04	0.7	1.0	12.50	230	0.14	0.01	0.5	<0.2	200
N815318		4.92	17.15	0.09	1.3	0.051	1.57	13.4	28.8	1.02	1470	2.05	1.10	4.5	4.9	740
N815319		4.29	17.05	0.14	2.3	0.053	1.22	16.4	20.3	1.45	1400	0.69	1.79	5.6	3.7	730
N815320		4.20	19.90	0.20	3.2	0.073	1.59	28.5	21.1	1.35	1390	2.68	2.28	6.4	4.1	690
N815321		4.77	21.1	0.19	3.0	0.050	1.27	23.0	22.7	1.80	1420	2.02	1.82	6.3	4.7	710
N815322		5.59	12.40	0.11	1.5	0.441	1.07	8.7	11.2	1.06	1670	20.7	1.55	3.3	27.7	430
N815323		4.59	20.5	0.19	2.7	0.055	2.63	29.0	24.2	0.89	1540	4.88	0.62	7.0	4.1	770

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815288		29.4	115.5	<0.002	0.03	23.1	17.4	2	1.7	67.2	0.55	0.25	9.0	0.422	1.59	3.0
N815289		20.6	133.5	<0.002	0.05	12.10	16.0	2	2.3	56.1	0.57	0.31	9.3	0.412	1.96	2.9
N815290		20.3	179.5	<0.002	0.03	23.8	14.3	2	1.6	55.7	0.55	0.10	7.4	0.380	3.66	3.1
N815291		38.8	178.0	<0.002	0.18	66.5	12.0	2	1.1	163.0	0.47	0.13	9.0	0.291	3.07	3.7
N815292		18.7	151.0	<0.002	0.01	19.55	6.0	1	1.0	58.4	0.56	0.07	8.6	0.204	2.88	2.6
N815293		18.5	152.5	<0.002	0.01	21.9	7.6	1	1.0	42.6	0.66	<0.05	9.2	0.246	2.91	2.7
N815294		20.5	85.3	<0.002	0.01	10.55	13.7	1	1.6	145.5	0.63	<0.05	8.9	0.380	1.35	2.3
N815295		24.1	91.5	0.002	0.01	13.90	8.0	1	1.3	60.3	0.71	0.05	9.8	0.294	1.40	2.1
N815296		32.9	129.0	0.003	0.01	16.15	11.9	1	1.4	42.3	0.60	0.08	8.7	0.381	1.85	2.0
N815297		39.9	119.5	0.004	0.02	23.8	14.1	1	2.2	34.2	0.62	0.08	8.8	0.419	2.73	3.0
N815298		26.3	72.1	0.003	0.07	6.89	13.2	1	1.2	236	0.54	0.10	7.9	0.374	1.22	2.0
N815299		39.6	85.3	<0.002	0.34	7.27	16.0	2	1.3	134.0	0.34	0.74	6.4	0.275	1.19	1.8
N815300		30.3	109.0	0.005	0.26	10.60	17.8	1	1.1	122.5	0.31	0.65	5.8	0.351	1.54	1.6
N815301		34.6	94.0	<0.002	0.36	6.85	20.2	2	1.5	223	0.36	0.39	6.4	0.375	1.59	1.9
N815302		117.0	87.1	<0.002	0.29	39.8	16.9	2	4.0	171.5	0.39	0.19	7.3	0.370	1.72	2.5
N815303		39.1	85.0	<0.002	0.21	10.45	19.2	2	1.5	277	0.42	0.26	7.1	0.390	1.28	2.1
N815304		53.7	98.5	<0.002	0.18	14.90	18.8	2	1.7	217	0.37	0.18	5.8	0.387	1.76	2.0
N815305		55.5	67.8	<0.002	0.15	5.48	18.3	2	1.2	271	0.34	0.18	5.2	0.373	1.11	1.6
N815306		88.4	56.1	0.005	0.11	42.6	18.7	1	1.6	106.0	0.39	0.13	5.3	0.461	1.37	1.9
N815307		35.8	73.9	<0.002	0.08	5.66	13.2	2	1.3	238	0.48	0.09	7.2	0.346	0.93	2.1
N815308		29.9	80.6	<0.002	0.05	7.71	11.9	2	1.4	239	0.60	0.06	8.3	0.430	1.05	2.7
N815309		68.1	119.5	<0.002	0.50	7.72	19.8	2	1.3	217	0.56	0.16	6.8	0.402	1.35	2.0
N815310		35.7	61.4	<0.002	0.40	4.81	20.9	2	1.0	369	0.38	0.11	4.9	0.406	0.94	1.4
N815311		22.9	37.4	<0.002	0.14	2.85	19.2	2	1.0	434	0.35	0.07	4.6	0.386	0.62	1.3
N815312		34.1	88.4	<0.002	0.40	14.75	19.8	2	1.1	114.0	0.37	0.16	5.3	0.408	2.47	1.8
N815313		20.7	78.8	<0.002	0.09	11.20	16.4	2	1.2	148.5	0.43	<0.05	6.8	0.362	2.01	1.9
N815314		39.6	145.0	<0.002	0.15	31.6	17.2	2	1.1	112.0	0.38	0.10	5.4	0.371	2.56	2.0
N815315		32.9	153.0	0.003	0.19	16.70	18.7	1	1.1	41.2	0.37	0.16	5.2	0.432	2.76	1.7
N815316		75.0	170.5	<0.002	0.49	15.25	16.9	2	1.1	50.0	0.42	0.12	7.0	0.377	2.80	2.1
N815317		1.4	1.9	<0.002	0.01	0.14	0.4	1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N815318		18.4	77.6	0.004	0.09	6.03	15.9	1	1.0	208	0.32	0.11	4.1	0.403	1.56	1.0
N815319		24.7	44.7	0.005	0.05	1.81	12.9	2	0.9	353	0.42	0.05	5.7	0.363	0.64	1.3
N815320		61.4	79.9	<0.002	0.35	3.75	14.4	2	0.9	397	0.43	0.14	8.5	0.333	0.67	2.2
N815321		48.2	71.6	<0.002	0.21	5.00	16.1	2	1.0	298	0.42	0.12	7.6	0.356	0.65	2.1
N815322		9550	25.7	0.009	2.26	422	11.3	3	1.9	187.0	0.21	0.99	1.9	0.230	0.46	1.2
N815323		37.3	132.0	<0.002	1.09	22.3	15.6	2	1.3	154.5	0.50	0.28	9.7	0.330	1.35	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N815288		136	7.1	21.5	91	78.1
N815289		128	7.4	20.4	64	86.0
N815290		117	5.7	16.2	83	82.0
N815291		88	10.6	25.3	321	82.9
N815292		48	3.5	15.3	75	89.9
N815293		52	4.6	18.5	72	95.9
N815294		109	4.5	17.3	94	105.5
N815295		64	5.1	15.6	73	80.5
N815296		112	3.7	14.8	127	78.2
N815297		127	4.7	20.6	172	85.7
N815298		115	2.6	16.9	101	78.8
N815299		134	3.3	16.9	96	65.2
N815300		166	3.0	15.5	98	49.1
N815301		170	2.8	20.0	108	61.2
N815302		142	12.8	18.8	244	83.9
N815303		156	3.7	18.6	125	68.7
N815304		155	4.5	18.5	173	69.3
N815305		140	2.8	18.6	145	75.9
N815306		164	34.0	21.3	168	55.7
N815307		110	2.2	16.7	114	66.4
N815308		113	2.5	18.6	139	112.0
N815309		150	2.9	20.8	161	80.9
N815310		157	3.8	21.3	171	55.2
N815311		153	2.1	19.5	119	55.7
N815312		161	6.9	24.8	107	73.9
N815313		128	5.9	20.0	95	66.1
N815314		129	5.0	19.5	132	75.0
N815315		163	2.5	18.2	199	52.5
N815316		137	2.7	20.2	348	86.4
N815317		2	0.1	1.0	15	0.8
N815318		155	1.5	15.2	120	42.4
N815319		120	1.9	16.4	102	77.0
N815320		114	1.7	23.3	121	103.0
N815321		126	1.2	21.5	131	98.9
N815322		78	0.6	13.4	5150	44.3
N815323		120	1.8	22.5	116	87.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza TR-12-37

CERTIFICATE OF ANALYSIS WH12179921

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179922

Project: Klaza-91

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

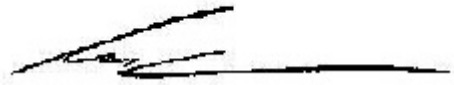
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179922

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810844		0.26	4.27	>100	5.26	7900	120	1.01	57.8	1.92	217	29.7	8.3	17	11.15	1230
N810845		3.25	<0.005	0.16	7.57	9.3	1820	1.37	0.25	2.59	0.16	46.5	6.8	15	10.15	2.7
N810846		3.19	<0.005	0.06	7.51	9.8	1820	1.54	0.30	2.96	0.15	43.5	13.9	13	10.60	3.2
N810847		5.55	<0.005	0.03	7.35	6.4	1810	1.35	0.16	2.58	0.12	57.7	7.8	11	10.55	3.6
N810848		4.46	<0.005	0.02	8.14	6.3	1840	1.20	0.16	1.36	0.15	61.4	8.8	9	13.00	4.6
N810849		3.57	0.048	1.10	6.73	72.5	820	1.52	0.29	3.15	3.77	46.3	13.7	7	15.65	4.7
N810850		2.83	0.005	0.20	6.96	13.6	1560	1.52	0.36	2.61	0.30	42.0	14.5	8	16.20	6.2
N812301		4.20	<0.005	0.11	7.02	8.9	2010	1.56	0.35	2.91	0.09	40.3	14.9	11	20.8	4.2
N812302		4.96	<0.005	0.07	7.62	3.9	1990	1.69	0.16	2.86	0.07	50.3	10.1	14	14.85	7.4
N812303		<0.02	<0.005	0.08	7.47	3.9	1950	1.73	0.15	2.80	0.08	46.9	10.0	11	14.40	10.5
N812304		6.00	<0.005	0.14	7.37	6.3	1910	1.59	0.15	2.94	0.11	43.8	9.3	11	18.30	12.0
N812305		4.80	<0.005	0.17	7.24	6.0	1830	1.53	0.14	2.89	0.09	39.9	8.6	12	19.90	9.5
N812306		4.84	<0.005	0.16	7.42	6.4	1910	1.71	0.19	2.99	0.08	44.2	10.4	13	20.3	15.1
N812307		0.26	4.27	>100	5.46	6710	290	1.26	56.8	2.00	222	32.9	10.9	17	11.00	1290
N812308		4.66	<0.005	0.12	8.00	3.3	2150	1.55	0.11	2.97	0.11	39.9	8.7	12	8.88	8.8
N812309		5.42	<0.005	0.09	7.79	5.7	2680	1.53	0.17	2.25	0.12	42.5	8.5	10	19.40	9.0
N812310		5.19	0.008	0.27	7.90	9.6	3390	1.38	1.17	1.77	0.25	55.6	15.2	11	12.70	3.6
N812311		3.63	0.024	0.66	7.71	30.4	2750	1.29	1.94	1.93	0.54	55.9	48.5	9	13.60	2.6
N812312		3.17	<0.005	0.29	8.14	8.6	2730	1.31	0.63	1.48	0.23	53.6	13.0	10	10.90	8.9
N812313		7.98	<0.005	0.11	7.84	7.4	2110	1.73	0.30	2.84	0.10	48.3	11.0	14	9.04	9.5
N812314		4.81	0.729	19.50	5.34	423	200	1.12	26.0	1.17	4.72	40.6	34.0	12	7.60	1025
N812315		5.41	<0.005	0.16	7.61	8.7	1810	1.59	0.32	2.81	0.20	44.7	9.6	11	14.10	6.8
N812316		4.98	<0.005	0.04	0.09	<5	20	0.10	0.06	21.5	0.06	1.16	1.7	1	0.15	3.6
N812317		3.17	<0.005	0.70	7.11	38.6	650	1.94	0.23	3.22	1.35	59.4	6.8	14	19.70	10.8
N812318		3.82	0.089	8.50	7.07	316	900	2.22	0.33	3.29	12.95	59.6	10.1	16	20.3	87.4
N812319		4.56	<0.005	0.21	7.56	16.8	670	1.99	0.22	2.78	0.26	71.1	5.5	12	21.6	2.5
N812320		2.37	<0.005	0.20	7.29	20.5	580	1.95	0.19	2.47	0.25	70.1	5.8	12	22.6	2.7
N812321		7.49	<0.005	0.16	7.26	17.9	1300	1.99	0.14	2.39	0.25	70.1	5.1	12	23.5	2.5
N812322		3.77	0.163	7.77	5.87	495	340	1.17	6.01	1.27	21.5	42.1	19.2	9	6.66	98.6
N812323		4.04	<0.005	0.01	0.14	<5	30	0.09	0.02	21.0	0.07	1.21	1.9	3	0.86	1.9
N812324		2.41	0.091	2.44	6.76	285	500	1.39	1.06	1.42	4.72	45.5	16.9	9	9.77	14.8
N812325		3.73	<0.005	0.11	7.11	7.0	1820	1.26	0.22	0.97	0.10	47.7	6.5	9	11.25	6.4
N812326		4.90	<0.005	0.14	7.56	6.0	2140	1.20	0.18	1.82	0.17	47.6	5.9	8	14.75	6.6
N812327		7.27	<0.005	0.14	7.75	6.6	1950	1.33	0.21	1.55	0.23	50.9	8.8	10	11.90	8.5
N812328		3.31	<0.005	0.12	6.75	10.2	1700	1.39	0.15	2.44	0.20	41.8	7.5	8	15.65	9.4
N812329		3.52	0.011	0.28	6.90	34.9	2200	1.34	0.32	2.51	0.34	48.2	16.9	10	9.33	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810844		7.93	12.90	0.12	1.1	4.81	2.21	15.9	25.7	0.60	2960	14.05	0.08	5.4	13.1	440
N810845		3.25	17.70	0.17	1.4	0.052	2.66	24.5	16.8	0.78	644	0.87	1.48	8.5	4.6	620
N810846		3.16	17.65	0.17	1.5	0.052	2.62	22.4	14.6	0.86	620	1.18	1.95	8.5	3.8	610
N810847		3.13	17.10	0.18	1.5	0.049	2.64	33.3	17.3	0.78	710	1.12	1.58	8.2	3.4	590
N810848		3.06	17.95	0.16	1.5	0.045	2.74	35.8	45.8	0.59	530	0.41	0.15	8.7	3.4	650
N810849		3.50	15.00	0.12	1.3	0.118	2.72	24.8	70.5	0.99	2120	0.47	0.04	7.1	2.9	500
N810850		2.89	15.80	0.13	1.6	0.043	2.30	20.1	227	0.81	971	0.54	0.05	8.0	3.2	570
N812301		2.91	16.80	0.15	1.7	0.045	2.74	18.8	17.4	0.71	652	0.52	1.62	8.5	3.6	570
N812302		3.13	16.50	0.16	1.7	0.034	2.64	25.0	14.7	0.79	638	0.65	2.16	8.7	3.6	580
N812303		3.01	15.75	0.17	1.6	0.031	2.60	23.3	13.7	0.77	614	0.56	2.12	8.3	3.4	570
N812304		3.28	15.90	0.15	1.5	0.043	2.70	21.3	65.2	0.89	825	0.45	0.91	8.6	4.2	610
N812305		3.16	15.80	0.14	1.5	0.045	2.66	19.3	27.5	0.81	870	0.77	1.72	8.1	3.8	570
N812306		3.16	15.60	0.17	1.5	0.039	2.67	21.7	16.1	0.83	792	0.84	1.87	8.2	3.5	600
N812307		8.29	13.35	0.23	1.2	4.17	2.28	16.3	35.2	0.63	3040	14.80	0.08	6.0	15.5	450
N812308		3.22	15.75	0.13	1.4	0.030	2.67	19.0	16.8	0.82	729	1.24	2.22	8.3	3.3	620
N812309		3.41	16.50	0.16	1.4	0.038	2.49	20.2	38.4	0.68	770	0.96	0.66	8.7	3.4	650
N812310		3.68	16.45	0.18	1.5	0.104	3.37	29.1	39.8	0.71	1060	1.21	0.06	8.6	3.5	640
N812311		4.40	15.30	0.22	1.7	0.102	4.45	29.0	37.9	0.98	1080	1.99	0.09	9.3	3.9	660
N812312		3.52	16.35	0.17	1.7	0.061	3.08	27.8	41.6	0.67	821	0.86	0.11	8.8	3.8	630
N812313		3.36	16.25	0.18	1.6	0.057	2.77	24.5	14.4	0.90	754	1.02	2.10	8.7	3.8	620
N812314		6.93	12.30	0.21	1.4	0.440	2.29	22.0	17.8	0.50	1920	2.73	0.03	6.1	3.7	440
N812315		3.61	15.95	0.17	1.5	0.052	2.75	21.8	15.8	0.87	817	0.94	1.69	8.5	3.7	620
N812316		0.48	0.36	0.08	<0.1	0.005	0.04	0.5	1.3	12.75	205	0.21	0.01	0.3	2.5	200
N812317		3.09	16.30	0.16	3.3	0.052	2.70	31.2	55.1	1.21	1610	1.78	0.04	9.3	5.9	960
N812318		2.73	16.10	0.18	3.1	0.067	2.40	31.4	88.8	1.24	947	9.83	0.03	9.3	6.7	950
N812319		2.63	16.90	0.20	2.7	0.022	1.99	36.3	114.5	1.00	958	1.12	0.05	11.7	3.8	880
N812320		2.48	16.60	0.17	2.7	0.021	2.05	35.2	108.0	0.88	920	1.24	0.05	11.8	4.0	850
N812321		2.47	17.00	0.19	2.8	0.023	2.39	35.0	173.5	0.85	900	0.95	0.05	11.9	3.5	860
N812322		5.69	14.30	0.20	1.3	0.381	2.51	21.9	43.2	0.58	1260	3.70	0.02	6.5	3.3	470
N812323		0.47	0.47	0.05	<0.1	<0.005	0.08	0.6	2.2	12.45	211	0.19	0.01	0.3	2.4	210
N812324		5.28	14.75	0.15	1.4	0.218	2.86	24.6	27.6	0.64	3570	1.19	0.02	6.9	3.2	520
N812325		3.96	14.15	0.15	1.5	0.062	2.74	24.4	43.0	0.68	514	0.68	0.12	7.8	2.7	580
N812326		3.65	14.70	0.16	1.5	0.080	2.86	24.5	34.0	0.84	1180	0.68	0.12	7.8	2.8	580
N812327		3.31	15.05	0.15	1.6	0.062	2.92	26.6	33.6	0.65	962	0.73	0.07	8.1	2.9	610
N812328		3.15	13.85	0.14	1.4	0.075	2.88	20.1	59.5	0.83	1460	0.80	0.05	7.5	3.0	580
N812329		3.82	13.90	0.17	1.3	0.147	3.21	26.0	36.5	0.86	1820	0.99	0.08	7.1	2.9	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810844		9200	116.5	<0.002	6.97	210	6.5	2	8.8	118.0	0.42	0.44	7.4	0.174	1.97	4.5
N810845		18.9	112.5	<0.002	0.03	4.07	12.6	1	1.6	314	0.61	<0.05	13.3	0.271	1.17	4.2
N810846		18.8	109.0	<0.002	0.05	2.96	12.6	1	1.6	370	0.62	<0.05	13.8	0.274	1.14	4.8
N810847		20.3	136.0	<0.002	0.05	3.81	13.2	1	1.5	329	0.63	<0.05	19.6	0.265	1.11	6.2
N810848		17.9	129.0	<0.002	0.03	11.60	13.4	1	1.5	146.5	0.69	<0.05	18.1	0.285	1.15	4.0
N810849		299	139.5	<0.002	1.25	15.75	10.8	2	2.2	186.0	0.65	0.06	14.2	0.222	2.19	5.1
N810850		24.9	76.2	<0.002	0.17	16.40	10.9	2	1.5	190.5	0.75	<0.05	13.9	0.244	1.51	3.9
N812301		20.5	94.0	<0.002	0.11	5.18	11.2	2	1.7	345	0.80	<0.05	13.0	0.257	1.39	4.2
N812302		18.2	100.5	<0.002	0.03	2.33	11.9	2	1.6	401	0.80	<0.05	15.8	0.262	1.10	4.4
N812303		17.9	96.0	<0.002	0.03	2.30	11.6	2	1.6	394	0.80	<0.05	15.5	0.255	1.07	4.3
N812304		17.4	90.2	<0.002	0.10	7.32	11.8	2	1.8	287	0.76	<0.05	13.7	0.270	1.33	4.3
N812305		19.8	88.2	<0.002	0.06	3.79	10.9	2	1.6	357	0.71	<0.05	12.5	0.255	1.29	3.5
N812306		17.9	96.2	<0.002	0.06	3.73	11.8	2	1.6	374	0.72	<0.05	13.0	0.265	1.44	3.8
N812307		9580	125.5	0.002	7.18	219	8.7	4	9.2	122.0	0.50	0.51	8.9	0.184	2.14	5.0
N812308		19.8	89.6	<0.002	0.02	2.44	11.9	2	1.6	436	0.70	<0.05	13.4	0.280	1.01	3.7
N812309		15.9	85.1	<0.002	0.09	12.50	13.3	2	1.6	236	0.72	<0.05	12.8	0.292	1.32	3.2
N812310		21.6	126.5	<0.002	0.30	11.20	13.4	2	2.6	148.0	0.71	0.09	14.7	0.285	1.71	3.5
N812311		32.2	160.0	<0.002	0.76	9.12	15.4	2	3.9	182.0	0.87	0.20	15.4	0.307	2.13	5.3
N812312		21.7	121.0	<0.002	0.18	12.75	13.4	2	2.4	147.0	0.81	0.06	16.0	0.279	1.45	5.3
N812313		19.4	109.0	<0.002	0.07	3.00	13.0	2	1.7	393	0.77	<0.05	14.9	0.277	1.16	4.6
N812314		423	130.5	0.002	5.98	46.1	8.7	3	8.7	95.6	0.57	1.99	10.8	0.187	1.91	4.4
N812315		22.1	99.7	<0.002	0.12	4.05	12.0	2	1.7	347	0.73	<0.05	13.4	0.274	1.45	4.4
N812316		2.0	1.7	<0.002	0.03	0.12	0.3	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N812317		89.5	146.5	<0.002	0.33	14.90	7.5	2	1.7	341	0.72	<0.05	10.6	0.275	2.85	6.6
N812318		1620	122.5	0.004	0.65	47.0	7.3	2	1.6	431	0.70	<0.05	10.2	0.273	2.59	7.1
N812319		26.9	74.1	<0.002	0.12	10.70	6.4	2	1.5	372	0.85	<0.05	11.8	0.260	2.03	6.1
N812320		26.2	76.6	<0.002	0.12	10.60	6.2	2	1.5	338	0.85	<0.05	11.4	0.253	2.22	6.1
N812321		22.6	89.6	<0.002	0.10	10.80	6.5	2	1.4	370	0.86	<0.05	11.5	0.250	2.28	6.1
N812322		596	143.0	<0.002	5.04	42.0	9.2	2	10.9	97.1	0.56	0.20	10.8	0.200	1.94	7.6
N812323		1.6	4.9	<0.002	0.01	0.09	0.4	1	<0.2	39.9	<0.05	<0.05	<0.2	0.006	0.03	0.6
N812324		456	170.5	<0.002	2.70	14.15	10.2	1	5.4	66.0	0.67	<0.05	13.2	0.223	2.46	5.4
N812325		14.2	114.5	<0.002	0.05	9.89	11.2	1	1.7	108.5	0.73	<0.05	14.5	0.264	1.35	3.6
N812326		19.5	111.0	<0.002	0.05	9.66	11.2	2	2.1	133.5	0.73	<0.05	14.3	0.260	1.48	3.7
N812327		24.4	122.0	<0.002	0.09	11.05	12.1	2	1.8	123.0	0.75	<0.05	15.2	0.272	1.51	3.4
N812328		15.6	99.0	<0.002	0.14	10.75	10.6	1	1.6	153.5	0.63	<0.05	11.7	0.256	1.88	3.0
N812329		32.2	157.0	0.002	0.58	6.10	10.6	2	4.8	135.5	0.63	0.05	14.5	0.232	2.19	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179922

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810844		51	4.7	8.5	>10000	28.1	117	1.595
N810845		76	2.1	17.9	54	31.5		
N810846		78	1.9	17.8	50	33.6		
N810847		75	2.1	20.0	50	34.0		
N810848		80	9.8	17.9	61	34.2		
N810849		65	3.2	14.7	339	30.7		
N810850		69	4.6	14.5	75	38.9		
N812301		74	1.7	15.2	48	41.5		
N812302		73	0.9	16.3	49	39.9		
N812303		72	0.9	15.2	48	37.6		
N812304		78	2.4	15.0	57	37.1		
N812305		72	1.5	13.7	58	34.7		
N812306		76	1.3	15.0	53	33.9		
N812307		54	5.0	9.4	>10000	34.7	120	1.655
N812308		79	1.5	14.5	76	32.6		
N812309		83	4.8	16.3	64	34.4		
N812310		80	9.1	15.2	73	35.7		
N812311		92	6.7	14.2	98	37.3		
N812312		80	8.0	16.1	75	40.1		
N812313		78	2.1	16.5	61	39.1		
N812314		55	5.4	9.6	474	36.3		
N812315		79	1.9	15.1	71	37.6		
N812316		2	0.1	0.8	15	<0.5		
N812317		62	3.1	13.6	181	116.0		
N812318		62	3.4	12.4	1020	114.0		
N812319		52	2.5	13.4	87	88.1		
N812320		50	2.3	13.2	84	87.4		
N812321		49	2.0	12.9	83	89.0		
N812322		57	5.5	7.6	2110	33.7		
N812323		4	0.2	0.7	15	<0.5		
N812324		64	4.5	11.3	453	32.6		
N812325		77	4.7	14.9	46	36.6		
N812326		76	4.7	15.3	60	35.2		
N812327		77	6.2	15.0	64	37.3		
N812328		75	4.4	13.0	63	33.6		
N812329		67	3.6	12.1	69	32.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179922

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179923

Project: Klaza - 95

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

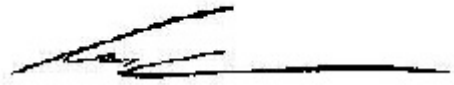
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179923

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811200		2.17	<0.005	0.15	7.32	6.1	1320	1.33	0.30	1.86	0.18	48.3	4.2	10	13.25	9.4
N811201		4.01	<0.005	0.17	6.92	13.0	1750	1.45	0.13	2.36	0.12	39.6	6.6	10	17.05	7.6
N811202		2.73	<0.005	0.24	7.25	9.8	1750	1.44	0.24	1.91	0.89	48.4	5.7	10	14.90	18.5
N811203		8.12	<0.005	0.12	7.39	5.3	2030	1.65	0.15	2.55	0.07	49.9	7.8	18	9.22	8.4
N811204		7.25	<0.005	0.12	7.44	4.4	2100	1.53	0.13	2.54	0.07	49.1	6.5	13	7.61	9.5
N811205		3.09	0.016	0.83	7.49	40.3	2620	1.35	0.69	1.55	2.28	51.1	7.5	11	11.90	29.5
N811206		2.68	<0.005	0.16	7.29	6.7	1990	1.33	0.69	2.56	0.08	45.2	5.3	13	8.35	6.0
N811207		5.04	<0.005	0.21	6.84	12.0	1830	1.37	0.71	2.44	0.08	45.3	8.1	14	7.54	9.7
N811208		0.21	2.42	24.7	5.73	2790	1240	1.31	19.65	2.16	75.4	41.2	10.0	18	13.65	425
N811209		2.67	0.009	0.25	7.05	18.7	1810	1.46	0.40	2.29	0.33	44.6	5.6	12	9.30	7.9
N811210		3.03	<0.005	0.08	7.33	3.4	2000	1.55	0.12	2.54	0.07	48.8	6.9	13	9.72	8.1
N811211		1.07	<0.005	0.06	7.64	3.8	2060	1.82	0.14	2.66	0.08	51.5	7.3	12	10.35	9.3
N811212		3.74	<0.005	0.43	7.40	12.3	1630	1.52	4.08	2.35	0.13	54.2	5.5	10	11.50	6.9
N811213		2.25	0.041	2.14	7.07	74.8	1310	1.72	3.71	3.13	0.99	74.5	14.1	8	14.50	33.3
N811214		4.96	0.010	0.63	6.91	43.6	1710	1.37	0.61	2.59	3.32	42.5	5.4	9	11.15	29.7
N811215		3.05	0.007	0.80	7.41	49.9	2120	1.48	0.31	2.87	3.42	49.4	6.6	9	13.15	36.2
N811216		3.80	<0.005	0.13	7.09	8.8	2060	1.54	0.10	2.92	0.16	44.1	6.1	14	15.10	11.2
N811217		2.70	<0.005	0.22	7.18	28.2	1820	1.50	0.17	2.92	0.16	40.2	6.9	12	16.05	26.1
N811218		5.11	0.062	4.74	6.99	280	1460	1.39	0.94	2.16	11.30	49.4	9.3	10	15.85	21.2
N811219		3.16	<0.005	0.04	0.08	<5	40	0.07	0.05	21.1	0.08	1.27	0.6	2	0.20	3.2
N811220		2.26	<0.005	0.14	7.37	6.3	2100	1.77	0.23	2.83	0.14	45.7	6.5	12	10.25	9.9
N811221		4.77	0.009	0.39	7.05	29.8	1700	1.40	0.48	1.81	0.63	42.9	6.8	9	17.25	22.2
N811222		2.66	0.008	0.36	7.02	26.9	1810	1.79	0.37	2.18	0.46	43.5	8.0	10	15.20	24.8
N811223		4.18	0.005	0.18	7.55	6.4	2160	1.50	0.20	2.74	0.21	50.6	7.1	14	8.74	7.9
N811224		<0.02	0.005	0.18	7.41	7.3	2150	1.61	0.23	2.75	0.19	49.9	10.4	16	8.92	10.4
N811225		4.48	0.026	1.05	7.17	37.7	2110	1.41	0.47	2.85	20.4	49.0	5.8	16	12.50	13.4
N811226		2.45	0.005	0.19	7.14	10.0	2260	1.48	0.39	2.53	0.39	50.2	5.8	11	10.55	13.2
N811227		0.22	2.30	25.0	5.93	2860	810	1.27	20.6	2.27	77.3	42.5	10.4	20	13.75	434
N811228		7.83	<0.005	0.24	7.36	13.3	2300	1.64	0.32	2.61	0.40	46.4	7.0	13	8.20	5.5
N811229		4.00	0.006	0.39	7.46	20.5	1860	1.62	0.43	2.16	0.57	52.3	6.1	10	15.90	6.0
N811230		2.67	0.008	0.25	7.24	18.1	1500	1.30	0.48	2.61	0.21	43.9	8.5	10	21.4	6.4
N811231		4.51	0.010	0.59	6.54	23.5	1500	1.52	1.06	3.00	0.22	54.2	11.8	10	20.2	7.2
N811232		3.66	<0.005	0.02	0.07	<5	20	0.07	0.03	21.8	0.07	1.38	0.6	1	0.18	1.5
N811233		2.60	<0.005	0.16	6.06	15.8	3010	1.45	0.52	3.86	0.15	45.2	8.1	8	20.1	4.2
N811234		2.77	<0.005	0.09	7.37	7.4	2050	1.50	0.20	2.45	0.08	39.1	5.9	10	12.75	5.5
N811235		4.32	0.005	0.12	7.18	13.0	2120	1.56	0.20	2.51	0.11	45.9	6.2	12	9.03	10.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811200		2.93	14.50	0.13	1.0	0.098	2.11	24.9	20.7	0.67	1120	0.65	0.76	7.8	2.8	580
N811201		2.93	14.20	0.14	1.0	0.042	2.55	19.7	32.7	0.66	902	2.85	1.18	7.6	3.0	570
N811202		2.91	14.15	0.15	1.0	0.060	2.51	25.2	21.4	0.65	792	0.64	1.41	7.7	2.8	570
N811203		2.92	14.55	0.17	1.0	0.040	2.57	25.6	13.9	0.80	851	0.79	2.16	7.9	3.2	590
N811204		3.01	15.10	0.17	1.1	0.047	2.62	24.8	13.1	0.75	713	0.77	2.20	8.3	3.3	610
N811205		3.57	16.25	0.09	0.8	0.067	2.61	29.4	20.8	0.61	1490	0.84	0.22	7.3	3.3	560
N811206		2.93	15.25	0.09	1.0	0.072	2.04	24.0	11.7	0.71	920	0.87	2.01	7.0	3.1	580
N811207		2.94	14.85	0.09	0.9	0.057	2.24	23.4	10.4	0.75	878	0.74	2.04	6.9	3.1	560
N811208		6.46	14.00	0.09	0.9	1.580	2.49	23.9	23.1	0.88	1820	12.40	0.03	5.6	15.4	420
N811209		2.97	15.85	0.09	0.9	0.053	2.57	23.3	14.2	0.59	834	1.44	1.23	7.2	2.8	560
N811210		2.98	16.00	0.11	1.0	0.045	2.56	25.1	11.4	0.78	528	2.17	2.23	7.9	2.9	610
N811211		3.14	17.10	0.11	1.1	0.053	2.58	28.2	12.1	0.82	563	6.51	2.27	8.3	3.2	630
N811212		3.17	17.45	0.12	1.1	0.129	2.45	29.1	22.5	0.64	817	1.36	0.91	8.2	3.2	580
N811213		3.44	17.45	0.14	1.1	0.248	2.55	44.7	27.9	0.65	1850	1.19	0.08	6.8	3.6	530
N811214		3.09	15.90	0.11	1.0	0.094	2.46	21.8	44.7	0.58	975	0.89	0.19	7.4	2.9	570
N811215		3.57	16.35	0.14	1.0	0.121	3.21	26.7	21.4	0.62	2030	1.09	0.22	7.4	3.0	570
N811216		2.80	15.15	0.11	1.0	0.049	2.61	23.9	14.0	0.64	785	0.90	1.65	7.2	2.7	580
N811217		2.94	14.90	0.11	1.0	0.037	2.60	19.8	19.1	0.81	1020	1.61	1.26	7.1	2.7	590
N811218		4.57	14.80	0.14	1.0	0.258	2.79	31.1	28.2	0.89	2860	0.97	0.04	6.3	3.2	530
N811219		0.45	0.24	0.10	<0.1	0.007	0.03	0.6	1.1	12.50	206	0.34	0.01	0.2	2.0	170
N811220		3.03	16.20	0.15	1.2	0.050	2.70	22.7	11.0	0.81	761	1.50	2.10	8.3	3.0	590
N811221		3.00	15.30	0.13	1.1	0.075	2.60	22.1	29.2	0.58	1250	1.08	0.21	7.9	3.5	570
N811222		2.98	16.15	0.13	1.1	0.072	2.64	22.9	17.0	0.58	1160	1.05	1.13	8.0	3.0	540
N811223		3.11	16.00	0.12	1.0	0.077	2.52	27.7	11.0	0.83	1020	1.04	2.07	7.5	3.3	610
N811224		3.16	16.25	0.10	1.0	0.078	2.56	25.7	11.6	0.84	1020	0.93	2.09	7.7	3.9	630
N811225		3.99	15.25	0.11	0.8	0.430	2.64	28.2	15.9	0.98	1960	0.51	1.12	6.5	2.8	560
N811226		2.93	15.85	0.11	0.8	0.089	2.37	27.9	14.8	0.75	906	0.73	2.02	7.1	3.0	550
N811227		6.80	14.15	0.14	0.9	1.590	2.55	24.8	23.2	0.92	1900	12.10	0.03	5.7	15.3	430
N811228		3.00	15.85	0.10	1.0	0.043	2.52	24.3	13.9	0.82	755	0.78	2.13	7.4	3.0	600
N811229		3.07	15.50	0.10	1.1	0.125	2.72	30.9	24.4	0.56	1380	0.98	0.85	7.2	2.6	550
N811230		2.63	15.70	0.10	1.0	0.044	2.54	23.5	33.9	0.52	702	0.90	1.15	7.4	2.7	600
N811231		3.46	14.65	0.10	1.0	0.058	1.88	30.4	13.1	0.76	1060	1.12	1.42	6.6	3.4	490
N811232		0.48	0.21	0.08	<0.1	0.006	0.03	0.7	1.0	12.80	198	0.24	0.01	0.2	1.7	190
N811233		3.19	14.50	0.11	0.9	0.104	1.72	23.5	18.4	0.60	1080	2.11	1.50	6.8	2.7	530
N811234		2.81	16.25	0.10	1.0	0.062	2.49	19.5	24.6	0.47	648	3.09	1.54	7.5	3.1	590
N811235		2.93	16.30	0.10	1.0	0.050	2.54	23.9	14.3	0.66	599	2.48	1.99	7.4	3.1	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811200		10.6	100.5	<0.002	0.09	9.47	11.0	2	4.3	110.0	0.65	<0.05	13.6	0.254	1.52	3.9
N811201		15.9	82.2	<0.002	0.13	10.45	10.1	2	1.9	238	0.62	<0.05	10.9	0.243	1.19	2.5
N811202		33.9	97.9	<0.002	0.13	9.43	10.6	2	2.2	225	0.66	<0.05	14.0	0.245	1.28	3.4
N811203		14.9	92.6	<0.002	0.09	1.61	11.2	2	1.8	351	0.66	<0.05	14.0	0.249	1.09	3.4
N811204		14.4	89.7	<0.002	0.04	2.67	11.3	2	1.9	353	0.71	<0.05	14.5	0.257	1.12	3.2
N811205		160.5	147.5	<0.002	0.67	21.2	10.9	1	2.0	76.7	0.61	0.05	14.8	0.240	1.71	4.6
N811206		14.4	85.5	<0.002	0.07	3.31	10.1	1	2.1	329	0.59	0.17	13.5	0.242	1.19	3.5
N811207		15.8	84.9	<0.002	0.22	2.05	9.1	1	1.7	314	0.55	0.25	12.7	0.236	1.13	3.3
N811208		2660	155.0	<0.002	4.66	89.2	8.0	1	7.7	88.3	0.48	0.40	10.7	0.173	2.31	5.3
N811209		25.0	103.0	<0.002	0.16	5.32	9.9	1	1.5	232	0.60	<0.05	13.4	0.243	1.37	3.1
N811210		16.2	96.5	<0.002	0.01	1.63	10.4	1	1.6	379	0.66	<0.05	14.8	0.258	1.03	3.2
N811211		16.2	104.5	<0.002	0.01	1.74	11.9	1	2.0	389	0.69	<0.05	15.9	0.265	1.04	3.8
N811212		19.2	104.0	0.002	0.08	7.39	11.0	1	2.9	139.5	0.69	2.21	14.0	0.263	1.39	4.1
N811213		118.5	160.5	<0.002	0.72	23.2	10.4	2	3.9	66.0	0.57	1.11	14.8	0.219	2.11	7.5
N811214		158.5	97.7	<0.002	0.41	10.20	9.4	1	2.6	115.0	0.63	0.13	12.5	0.242	1.56	3.4
N811215		161.0	161.0	<0.002	0.55	6.82	10.3	1	4.6	121.0	0.57	<0.05	13.6	0.249	2.27	4.0
N811216		19.5	99.7	<0.002	0.02	3.18	9.7	1	1.9	298	0.63	<0.05	12.8	0.246	1.20	2.9
N811217		19.8	98.1	<0.002	0.13	8.21	9.4	1	4.0	249	0.64	0.05	12.5	0.251	1.42	4.8
N811218		1270	154.5	<0.002	1.44	15.40	9.1	2	3.0	62.5	0.55	0.07	15.5	0.219	2.47	6.2
N811219		4.8	1.5	<0.002	0.01	0.12	0.2	1	0.3	46.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N811220		19.4	103.0	<0.002	0.04	2.54	10.0	1	2.1	364	0.83	<0.05	13.1	0.260	1.27	4.1
N811221		37.9	115.0	<0.002	0.22	17.00	9.4	1	2.7	96.2	0.83	<0.05	13.1	0.239	1.71	4.2
N811222		41.1	118.5	<0.002	0.27	8.85	10.1	1	2.5	215	0.87	0.06	12.5	0.239	1.64	4.4
N811223		43.4	100.5	<0.002	0.11	1.68	10.8	1	1.9	367	0.61	<0.05	14.0	0.255	1.20	3.8
N811224		39.4	95.1	<0.002	0.10	1.59	11.1	1	1.9	365	0.67	0.05	13.2	0.263	1.26	3.5
N811225		140.5	126.5	<0.002	0.78	3.76	9.9	1	2.5	232	0.53	0.15	13.3	0.229	1.97	4.8
N811226		15.2	102.0	<0.002	0.14	2.55	10.0	1	1.9	309	0.52	0.06	13.5	0.239	1.34	3.8
N811227		2790	159.5	<0.002	4.83	93.9	8.1	1	7.7	92.0	0.47	0.34	11.2	0.179	2.44	5.9
N811228		27.7	92.6	<0.002	0.04	1.60	10.1	1	1.7	376	0.57	<0.05	12.0	0.256	1.08	2.6
N811229		109.0	122.0	<0.002	0.26	5.93	10.0	1	1.9	157.5	0.61	0.06	16.7	0.242	1.84	2.7
N811230		19.3	98.8	0.002	0.23	5.57	10.2	1	1.8	203	0.54	0.08	13.7	0.257	1.43	4.4
N811231		17.8	104.5	<0.002	0.44	5.52	9.3	2	1.7	196.0	0.52	0.29	15.0	0.216	1.23	6.3
N811232		1.4	1.2	<0.002	0.01	0.08	0.2	1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N811233		14.2	71.7	<0.002	0.21	6.03	8.4	1	1.9	222	0.57	<0.05	10.1	0.220	1.06	4.4
N811234		17.4	89.8	<0.002	0.07	3.74	10.2	1	2.1	265	0.63	<0.05	14.4	0.261	1.17	3.7
N811235		15.2	99.4	<0.002	0.20	2.56	10.3	1	1.9	312	0.60	0.05	13.1	0.248	1.10	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N811200		70	2.3	14.0	79	23.0
N811201		68	2.6	13.5	52	22.1
N811202		68	1.8	13.9	119	23.1
N811203		69	1.6	15.0	45	23.5
N811204		72	2.1	14.3	46	26.3
N811205		70	5.2	13.9	246	21.9
N811206		67	2.1	13.4	47	24.4
N811207		65	1.8	12.9	46	22.0
N811208		55	5.1	9.4	5290	24.8
N811209		68	3.0	13.8	55	23.2
N811210		71	1.0	15.3	38	25.9
N811211		75	1.0	16.8	40	26.6
N811212		76	3.3	15.0	60	27.1
N811213		71	2.9	17.9	192	23.4
N811214		68	3.2	13.5	325	24.0
N811215		70	2.6	13.8	363	25.2
N811216		69	3.7	13.7	61	24.3
N811217		71	2.4	13.6	53	24.7
N811218		63	5.7	12.5	930	22.8
N811219		2	0.1	0.7	15	<0.5
N811220		73	3.1	15.1	60	26.6
N811221		66	4.0	13.9	130	24.9
N811222		66	3.0	14.1	106	26.4
N811223		72	1.4	15.1	62	24.6
N811224		75	1.5	15.2	61	24.9
N811225		65	2.7	13.5	1440	21.3
N811226		66	2.0	14.0	69	22.6
N811227		57	5.4	9.1	5460	25.2
N811228		71	1.8	14.9	61	26.0
N811229		67	2.6	14.1	102	26.8
N811230		71	2.6	13.0	63	27.5
N811231		61	2.6	16.2	67	24.5
N811232		2	0.1	0.7	16	<0.5
N811233		64	3.0	13.7	62	23.1
N811234		71	1.9	12.8	50	25.2
N811235		69	1.3	14.6	44	26.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179923

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179924

Project: Klaza-93

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

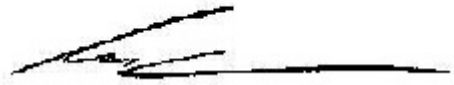
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza-93

CERTIFICATE OF ANALYSIS WH12179924

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813812		6.98	0.032	0.75	6.88	29.1	1710	1.35	1.40	2.28	0.74	42.9	5.1	9	13.15	80.8
N813813		4.20	0.063	0.91	6.35	41.0	2310	1.39	0.78	2.30	2.41	43.1	5.6	8	10.15	113.0
N813814		<0.02	0.056	0.91	6.46	44.2	2620	1.31	0.80	2.32	2.74	43.9	5.6	8	10.40	106.0
N813815		4.92	<0.005	0.09	6.68	37.8	690	2.04	0.18	3.08	0.27	67.7	6.4	21	12.20	13.0
N813816		8.33	<0.005	0.11	6.47	41.7	1970	2.00	0.19	2.89	0.35	61.4	5.8	20	13.60	9.8
N813817		8.48	<0.005	0.10	6.72	35.7	730	2.04	0.14	2.36	0.21	65.4	6.3	20	13.80	16.3
N813818		8.92	<0.005	0.08	6.73	31.0	1040	1.99	0.12	2.70	0.19	69.5	6.4	20	13.45	10.5
N813819		6.97	<0.005	0.07	6.49	27.2	1430	1.79	0.16	2.57	0.14	62.1	6.1	19	17.45	9.4
N813820		7.21	<0.005	0.08	6.61	30.5	890	1.82	0.14	2.51	0.24	65.1	6.0	19	10.65	8.1
N813821		4.31	<0.005	0.07	6.94	37.6	1190	1.92	0.17	2.58	0.19	66.1	6.4	20	11.65	7.9
N813822		0.26	2.42	27.4	5.78	3270	1160	1.22	19.75	2.17	74.5	46.1	10.0	18	13.40	416
N813823		5.16	0.028	0.55	6.81	48.4	2130	1.71	1.21	2.32	0.66	48.1	6.4	9	24.8	53.6
N813824		2.55	0.616	30.2	6.40	369	600	1.62	44.4	1.72	3.39	51.2	6.0	8	17.50	1135
N813825		2.47	0.007	0.13	0.07	<5	20	<0.05	0.15	19.60	0.07	1.33	0.6	1	0.24	5.9
N813826		5.07	0.030	0.62	7.59	32.9	2010	1.41	1.38	1.32	0.40	57.6	6.0	8	13.60	20.0
N813827		2.47	0.101	1.16	6.81	79.3	340	1.47	4.10	1.55	0.41	51.8	6.2	8	11.65	57.9
N813828		2.35	0.014	0.33	7.28	32.1	2400	1.21	0.88	1.16	0.34	58.3	7.2	9	10.50	59.0
N813829		1.04	0.011	0.30	7.40	30.6	1530	1.29	0.85	1.11	0.32	56.7	9.0	8	10.50	40.8
N813830		2.70	0.199	4.44	6.67	187.0	190	1.38	7.30	1.03	1.25	56.8	8.5	8	13.95	77.6
N813831		3.07	0.067	0.98	6.96	144.0	510	1.57	1.82	2.06	0.31	43.5	10.3	9	15.10	20.7
N813832		4.11	<0.005	0.07	6.55	21.3	1200	1.86	0.17	3.13	0.10	54.6	6.2	21	12.15	6.2
N813833		4.85	<0.005	0.17	6.74	37.0	1900	2.19	0.15	3.49	0.19	67.1	7.0	20	13.55	9.4
N813834		5.15	0.015	0.25	6.98	20.8	1790	1.60	0.74	2.24	0.47	39.5	9.6	9	10.95	16.6
N813835		0.26	0.778	10.15	6.44	1800	630	1.49	6.79	1.86	40.3	47.5	15.6	20	15.30	104.5
N813836		4.40	0.038	0.51	7.28	38.2	1180	1.87	2.05	2.08	0.60	68.5	30.6	8	17.70	16.2
N813837		3.52	0.090	0.28	6.53	24.3	1150	1.55	7.01	2.12	0.26	67.7	27.6	7	7.84	11.6
N813838		3.07	0.018	0.25	6.42	29.5	1760	1.40	1.01	2.51	0.29	73.2	17.3	7	15.10	25.9
N813839		3.38	0.020	0.25	7.39	20.0	1960	1.40	1.29	1.24	0.26	78.6	26.5	8	11.45	17.3
N813840		2.52	0.025	0.55	7.21	33.7	650	1.26	1.86	1.52	0.45	83.3	52.9	8	12.45	41.1
N813841		2.98	0.023	0.36	6.89	30.4	780	1.27	1.44	1.75	0.40	67.0	24.5	10	11.25	33.4
N813842		5.49	<0.005	0.01	0.10	<5	20	0.08	0.04	19.45	0.06	2.10	0.8	1	0.22	1.6
N813843		3.44	0.042	0.28	6.56	26.1	1410	1.52	1.81	2.11	0.45	71.3	38.3	7	8.64	15.1
N813844		3.00	0.009	0.22	6.93	16.6	2450	1.53	0.87	2.27	0.34	49.2	18.0	10	8.03	22.5
N813845		7.36	0.042	0.47	6.80	22.8	2270	1.59	0.82	2.39	2.37	47.4	8.9	9	9.65	36.9
N813846		6.22	0.019	0.43	7.15	29.4	1630	1.43	0.96	1.59	0.95	56.4	10.1	15	10.95	29.4
N813847		5.17	<0.005	0.14	7.24	16.4	1810	1.23	0.42	1.43	0.27	54.6	6.6	9	25.0	25.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza-93

CERTIFICATE OF ANALYSIS WH12179924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813812		3.01	15.80	0.10	0.9	0.134	2.87	21.0	17.9	0.59	401	1.44	1.02	7.3	3.1	560
N813813		2.35	14.80	0.11	1.3	0.135	2.97	20.1	26.5	0.54	362	1.57	0.19	7.0	2.7	490
N813814		2.42	14.85	0.09	1.3	0.124	3.04	21.7	26.4	0.56	372	1.71	0.20	6.8	2.6	490
N813815		2.41	18.25	0.11	4.7	0.027	2.22	32.8	30.4	0.91	555	1.66	0.06	10.0	7.9	1090
N813816		2.17	17.70	0.12	4.7	0.026	2.18	32.1	35.1	0.83	579	1.81	0.03	9.4	7.6	1010
N813817		2.18	17.85	0.10	4.8	0.029	2.08	33.6	41.0	0.80	489	1.81	0.03	9.8	7.6	1040
N813818		2.33	17.95	0.12	4.6	0.028	2.06	33.6	42.2	0.93	599	1.66	0.03	9.9	7.9	1000
N813819		2.27	16.70	0.10	4.5	0.023	2.03	31.2	36.2	0.83	613	1.44	0.03	9.1	7.5	970
N813820		2.41	17.40	0.10	4.6	0.026	2.09	34.2	41.1	0.89	672	1.91	0.03	9.2	7.8	980
N813821		2.51	18.30	0.11	4.7	0.029	2.25	33.5	37.1	0.95	613	1.50	0.03	10.1	8.5	1090
N813822		6.47	13.10	0.08	1.0	1.510	2.55	25.0	22.1	0.89	1820	11.85	0.04	5.4	14.4	430
N813823		2.75	16.45	0.11	1.2	0.162	2.94	24.3	18.9	0.74	637	3.02	0.50	7.8	2.8	570
N813824		4.98	16.70	0.13	1.1	0.647	2.93	28.3	8.9	0.80	1410	1.33	0.04	6.5	2.8	500
N813825		0.42	0.24	0.06	<0.1	0.008	0.03	0.7	0.9	11.75	193	0.14	<0.01	0.1	1.4	160
N813826		3.14	16.00	0.12	1.1	0.170	3.00	30.7	26.1	0.57	710	1.54	0.07	7.7	3.2	600
N813827		4.13	15.50	0.11	1.2	0.209	3.46	26.7	23.4	0.68	630	17.05	0.07	6.9	2.7	520
N813828		2.81	15.70	0.10	1.3	0.114	2.90	31.2	28.4	0.49	660	1.79	0.08	7.8	3.6	580
N813829		2.78	15.95	0.12	1.4	0.101	2.97	29.1	30.6	0.47	654	1.30	0.08	7.9	4.4	580
N813830		5.83	15.40	0.13	1.1	0.220	3.37	30.7	10.5	0.60	879	1.64	0.08	6.6	2.7	510
N813831		3.41	16.40	0.13	1.2	0.211	3.61	20.8	14.5	0.74	614	1.95	0.48	7.0	2.8	540
N813832		2.36	17.60	0.12	4.6	0.028	2.34	26.1	19.7	0.88	432	0.87	1.15	9.9	8.1	1080
N813833		2.41	18.85	0.12	4.9	0.036	2.46	32.5	50.8	0.95	645	1.66	0.17	10.7	8.4	1130
N813834		3.20	15.40	0.12	1.2	0.129	2.93	19.5	16.4	0.77	454	1.21	1.35	7.5	2.8	570
N813835		5.21	14.30	0.10	1.4	0.835	2.87	24.4	23.8	0.69	1910	11.45	0.26	6.8	14.3	470
N813836		3.30	17.10	0.13	1.2	0.108	2.55	37.7	26.5	0.69	403	3.56	0.67	7.9	3.2	580
N813837		2.86	14.90	0.09	1.1	0.085	1.42	38.9	130.0	0.64	513	2.71	0.03	7.2	2.6	580
N813838		2.50	14.20	0.12	1.2	0.069	1.41	42.6	84.0	0.77	547	3.83	0.03	7.2	3.0	540
N813839		3.27	16.80	0.14	1.1	0.078	2.68	46.1	28.4	0.52	279	2.05	0.35	7.7	3.3	580
N813840		3.36	16.55	0.15	1.0	0.148	2.71	48.9	40.4	0.54	429	3.39	0.07	7.2	3.7	560
N813841		2.69	16.00	0.11	1.1	0.148	2.78	36.7	35.3	0.58	428	2.04	0.07	7.3	3.1	530
N813842		0.43	0.31	0.09	<0.1	0.008	0.04	1.1	1.4	11.60	196	0.13	0.01	0.2	1.7	160
N813843		2.69	15.35	0.14	1.0	0.229	3.05	38.8	12.0	0.50	262	2.27	1.28	6.9	2.7	500
N813844		2.61	15.50	0.13	1.0	0.120	3.29	25.4	10.0	0.71	311	7.39	1.91	7.3	2.6	580
N813845		2.58	15.65	0.11	1.1	0.164	3.17	23.7	11.9	0.75	417	1.72	1.73	7.5	2.3	550
N813846		3.16	15.80	0.11	1.1	0.170	2.75	30.3	56.7	0.64	582	1.02	0.34	7.6	2.5	580
N813847		2.89	16.55	0.11	1.1	0.085	2.24	28.1	122.0	0.45	579	1.98	0.07	8.1	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza-93

CERTIFICATE OF ANALYSIS WH12179924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813812		36.6	106.0	<0.002	0.72	18.55	9.7	1	3.2	180.5	0.53	0.58	11.0	0.252	1.57	6.0
N813813		73.6	100.5	<0.002	0.53	15.45	7.7	1	3.2	143.0	0.61	0.31	12.9	0.221	1.57	3.3
N813814		72.3	106.0	0.003	0.58	15.75	7.7	1	3.2	144.0	0.62	0.24	13.5	0.219	1.52	3.2
N813815		12.0	63.8	<0.002	0.08	12.10	5.4	1	1.7	161.5	0.63	0.05	9.0	0.314	0.83	12.7
N813816		24.0	62.3	0.003	0.14	17.10	5.0	1	1.4	112.5	0.63	<0.05	8.8	0.284	0.84	7.8
N813817		20.4	63.4	0.003	0.08	12.20	5.0	1	1.4	114.0	0.68	<0.05	9.6	0.304	0.82	5.7
N813818		12.1	63.9	<0.002	0.05	18.35	5.5	1	1.5	126.0	0.66	<0.05	9.6	0.298	0.83	5.3
N813819		9.9	60.4	<0.002	0.06	18.80	4.8	1	1.3	120.5	0.64	<0.05	8.8	0.284	0.78	4.7
N813820		15.2	63.7	<0.002	0.05	20.8	5.0	1	1.3	123.5	0.63	<0.05	9.6	0.284	0.83	7.7
N813821		10.8	67.7	<0.002	0.08	21.7	5.3	1	1.4	139.0	0.65	<0.05	9.3	0.314	0.92	6.9
N813822		2630	158.0	0.002	4.75	89.7	7.7	1	7.2	87.2	0.45	0.40	10.3	0.175	2.21	5.2
N813823		41.9	122.0	<0.002	0.40	11.80	10.2	1	3.2	184.5	0.60	0.29	11.2	0.249	2.01	4.3
N813824		188.0	165.5	<0.002	3.07	58.7	9.6	2	10.9	89.6	0.56	0.48	12.0	0.223	2.78	5.9
N813825		1.9	1.7	<0.002	0.01	0.28	0.2	1	<0.2	40.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N813826		29.5	147.5	<0.002	0.73	9.04	10.7	1	4.7	99.8	0.60	0.28	14.5	0.252	2.05	4.1
N813827		50.8	203	<0.002	2.69	14.25	10.2	2	7.5	88.6	0.58	0.61	13.3	0.232	2.46	4.4
N813828		56.2	137.5	<0.002	0.41	10.20	10.5	1	2.7	95.5	0.65	0.11	15.4	0.254	1.71	4.8
N813829		29.5	144.5	<0.002	0.41	9.19	10.8	1	2.7	94.8	0.69	0.08	15.2	0.258	1.66	4.7
N813830		134.5	210	<0.002	4.38	10.20	10.1	1	7.8	62.0	0.57	0.41	12.9	0.225	2.83	5.1
N813831		42.2	200	<0.002	1.78	5.79	10.3	1	5.2	173.5	0.59	0.28	11.3	0.235	2.54	5.0
N813832		11.3	70.1	<0.002	0.05	5.15	4.6	1	1.5	389	0.66	<0.05	7.5	0.313	1.09	4.1
N813833		10.5	72.2	0.002	0.08	7.17	5.4	1	1.5	309	0.68	<0.05	8.3	0.327	1.09	5.7
N813834		36.9	119.0	<0.002	0.66	3.72	10.1	1	3.7	277	0.60	0.15	11.1	0.255	1.67	3.2
N813835		1285	156.5	<0.002	3.05	31.2	8.5	1	5.4	144.0	0.57	0.38	11.8	0.211	2.67	5.5
N813836		32.3	130.5	<0.002	1.31	8.71	10.3	1	3.8	164.0	0.66	0.87	12.8	0.261	1.92	6.8
N813837		18.6	59.2	<0.002	1.09	19.75	9.5	1	3.5	194.0	0.62	3.95	11.5	0.238	1.19	4.8
N813838		18.8	58.8	0.004	0.68	29.9	9.9	2	3.3	176.0	0.60	0.46	12.1	0.235	1.09	3.7
N813839		19.6	135.0	<0.002	0.94	10.10	10.7	1	3.8	118.0	0.61	0.45	15.5	0.253	1.67	9.9
N813840		52.9	129.5	<0.002	1.89	20.3	10.3	2	4.2	142.0	0.60	0.71	13.2	0.242	1.76	4.5
N813841		24.5	129.0	<0.002	1.48	23.2	10.4	2	3.6	109.5	0.60	0.51	12.6	0.237	1.70	3.7
N813842		1.4	2.1	<0.002	0.02	0.19	0.3	<1	<0.2	43.1	<0.05	0.05	0.2	<0.005	0.02	0.4
N813843		24.8	138.0	0.002	1.32	4.72	9.2	1	3.6	202	0.59	0.97	11.5	0.225	1.82	3.8
N813844		26.7	125.5	<0.002	0.92	4.60	10.0	1	2.8	305	0.60	0.30	10.7	0.257	1.84	3.5
N813845		96.4	126.0	<0.002	0.67	5.96	10.1	1	2.9	266	0.65	0.27	10.6	0.250	1.80	4.0
N813846		40.8	130.0	<0.002	0.85	23.0	10.8	2	5.0	148.0	0.64	0.30	13.7	0.249	1.68	4.0
N813847		14.9	99.2	<0.002	0.32	31.7	11.2	1	3.8	190.0	0.67	0.09	13.9	0.263	1.38	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza-93

CERTIFICATE OF ANALYSIS WH12179924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813812		67	2.0	13.7	80	22.6
N813813		57	1.8	11.8	182	30.4
N813814		56	1.8	12.0	194	30.8
N813815		54	1.3	11.8	100	171.5
N813816		49	1.5	10.8	88	162.5
N813817		52	1.5	10.1	93	170.0
N813818		52	1.8	11.4	96	161.5
N813819		51	1.5	10.5	94	157.0
N813820		51	1.5	11.4	102	154.0
N813821		54	1.7	11.5	82	175.5
N813822		54	5.1	10.0	5040	23.3
N813823		68	2.2	14.6	71	30.5
N813824		61	7.8	12.0	308	25.2
N813825		2	0.1	0.8	16	0.6
N813826		64	5.9	14.5	73	28.1
N813827		63	3.3	12.7	70	26.9
N813828		65	4.3	15.3	55	30.0
N813829		64	4.5	15.3	53	30.8
N813830		63	5.6	11.7	131	25.5
N813831		65	2.1	13.1	54	27.9
N813832		53	1.0	8.3	70	162.5
N813833		57	1.3	11.4	82	177.0
N813834		69	1.4	14.1	70	28.2
N813835		58	5.5	11.4	2990	36.3
N813836		73	2.0	14.7	58	27.0
N813837		65	2.8	13.8	49	24.3
N813838		62	2.7	16.7	60	28.3
N813839		68	1.9	16.5	53	23.9
N813840		72	2.0	14.5	68	23.9
N813841		69	2.2	14.1	59	23.7
N813842		3	0.1	0.9	13	<0.5
N813843		61	1.3	12.8	52	23.7
N813844		71	1.2	13.9	52	24.3
N813845		69	1.2	15.0	171	24.4
N813846		67	3.1	16.0	94	24.3
N813847		71	6.0	16.3	56	24.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza-93

CERTIFICATE OF ANALYSIS WH12179924

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179925

Project: Klaza - 95

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

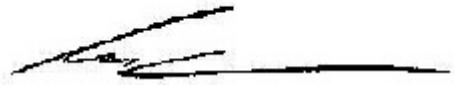
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179925

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811164		2.67	0.016	0.79	6.86	41.9	1780	1.32	0.81	2.71	2.34	47.8	6.0	13	17.85	27.6
N811165		2.12	0.029	8.04	7.17	768	1710	1.31	0.62	1.42	42.3	49.4	6.5	13	14.80	41.7
N811166		4.15	0.011	1.13	7.10	25.4	2170	1.31	0.68	2.21	3.81	46.1	6.7	14	15.65	32.6
N811167		3.12	0.025	3.85	7.18	134.0	1790	1.54	0.78	1.80	15.90	53.0	6.8	12	17.50	27.3
N811168		4.67	0.005	0.19	7.59	44.0	2110	1.60	0.09	2.84	0.34	51.4	7.1	18	6.73	10.0
N811169		0.22	4.60	>100	5.22	7010	480	1.30	52.9	1.91	216	34.5	10.5	16	11.90	1215
N811170		2.31	0.005	0.14	7.15	6.0	2110	1.82	0.10	2.50	0.31	49.7	7.7	15	4.98	8.7
N811171		3.23	<0.005	0.28	7.12	7.3	1930	1.76	0.15	2.72	0.48	48.0	7.5	16	7.78	14.5
N811172		3.78	<0.005	0.15	7.28	2.6	2060	1.79	0.08	2.73	0.11	52.6	8.5	18	6.41	12.1
N811173		2.76	0.046	7.44	6.58	595	1490	1.50	1.13	2.86	44.8	42.1	11.8	14	18.90	72.9
N811174		2.53	<0.005	0.02	0.07	<5	20	0.05	0.02	21.6	0.10	1.34	1.7	1	0.12	2.7
N811175		2.27	<0.005	0.09	7.41	4.9	2250	1.57	0.05	2.72	0.19	43.9	7.7	14	9.74	7.4
N811176		8.16	<0.005	0.13	7.52	4.2	2160	1.74	0.12	2.72	0.13	49.6	7.9	19	6.51	7.3
N811177		5.44	<0.005	0.09	7.58	3.7	2150	1.78	0.07	2.88	0.13	48.2	8.4	16	6.10	6.1
N811178		2.74	<0.005	0.10	7.30	5.2	2200	1.80	0.23	2.62	0.14	44.3	7.4	16	9.53	6.6
N811179		2.60	0.009	1.50	6.90	39.1	1740	1.60	0.40	2.79	8.79	44.3	9.5	16	22.0	21.9
N811180		2.59	<0.005	0.11	7.33	2.8	2190	1.77	0.06	2.74	0.11	45.7	8.1	19	5.77	7.2
N811181		6.54	<0.005	0.12	7.23	3.3	2120	1.71	0.11	2.74	0.13	44.9	7.9	15	6.53	12.7
N811182		2.55	0.005	0.23	7.50	7.2	1880	1.79	1.97	2.69	0.13	52.1	7.6	14	13.00	11.3
N811183		7.98	<0.005	0.13	7.40	6.0	2000	1.89	0.16	2.71	0.10	46.7	8.1	15	13.55	10.9
N811184		<0.02	<0.005	0.23	7.58	5.9	2050	1.93	0.26	2.79	0.11	49.8	8.2	16	13.80	10.1
N811185		4.38	<0.005	0.23	7.79	4.7	2280	1.83	0.14	2.83	0.10	51.7	9.6	14	8.50	15.7
N811186		3.36	0.009	1.06	7.18	43.8	2050	1.67	0.30	2.84	3.28	44.4	9.0	14	13.40	15.0
N811187		3.12	<0.005	0.18	7.62	4.3	2250	1.81	0.16	2.88	0.13	50.3	8.0	14	9.27	7.9
N811188		1.95	<0.005	0.13	7.44	3.4	2220	1.62	0.13	2.84	0.12	46.1	7.6	12	8.09	9.2
N811189		2.92	0.008	0.40	6.97	18.0	1250	1.64	0.52	2.51	0.25	36.0	6.2	13	13.75	12.0
N811190		5.23	<0.005	0.11	7.56	5.8	2100	1.59	0.11	2.87	0.16	44.8	6.9	16	7.78	4.3
N811191		2.66	0.005	0.66	7.74	12.6	2020	1.61	0.19	2.90	2.21	67.2	8.0	23	9.88	10.7
N811192		0.22	2.37	25.6	6.18	3500	1210	1.47	17.80	2.33	78.2	45.0	11.9	19	15.50	457
N811193		7.82	0.005	0.26	7.54	9.0	2160	1.58	0.31	2.77	0.60	43.9	8.0	18	10.55	16.2
N811194		3.39	0.017	1.55	7.21	35.8	1290	1.65	0.59	2.28	6.30	47.9	6.8	11	16.60	34.2
N811195		3.81	<0.005	0.02	0.09	<5	30	0.09	0.02	21.5	0.07	1.43	1.7	<1	0.21	3.4
N811196		7.54	<0.005	0.19	7.19	10.0	1690	1.46	0.38	2.61	0.12	49.6	7.3	16	9.39	9.1
N811197		3.54	<0.005	0.17	7.32	6.6	2080	1.52	0.14	2.79	0.11	50.8	7.4	13	10.80	8.6
N811198		3.98	0.091	3.96	7.21	123.5	1100	1.62	4.01	2.23	5.87	48.7	12.2	14	12.55	62.3
N811199		3.94	0.039	2.64	7.22	72.2	1410	1.58	1.29	2.05	22.7	55.4	5.7	15	14.95	27.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179925

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811164		3.29	15.50	0.13	0.9	0.103	3.23	25.5	10.4	0.77	2490	1.31	0.54	7.5	3.0	600
N811165		5.00	15.50	0.12	0.8	3.47	3.24	26.9	10.1	0.62	4430	1.12	0.59	6.8	3.0	560
N811166		3.58	15.55	0.09	0.9	0.139	3.35	26.7	9.4	0.75	2530	1.90	0.96	7.7	3.1	570
N811167		4.23	16.05	0.11	0.9	0.480	3.56	30.5	10.8	0.64	3830	1.33	0.29	7.3	2.9	560
N811168		3.15	16.30	0.10	1.0	0.048	2.63	27.9	9.5	0.88	1020	1.36	2.15	8.0	4.4	640
N811169		7.97	14.00	0.21	1.1	4.72	2.14	17.9	34.8	0.61	2920	15.75	0.07	6.0	14.6	430
N811170		2.99	17.30	0.15	1.1	0.047	2.50	25.4	11.8	0.83	655	1.73	2.18	8.9	3.2	580
N811171		3.05	16.85	0.15	1.2	0.056	2.55	24.4	10.8	0.79	837	1.69	1.98	9.2	3.1	630
N811172		3.04	17.20	0.18	1.2	0.047	2.53	26.5	11.5	0.82	706	1.61	2.26	9.0	3.2	590
N811173		4.31	15.05	0.16	1.0	1.050	2.63	22.1	19.3	0.92	2820	4.86	0.16	7.6	4.2	550
N811174		0.49	0.33	0.07	<0.1	0.005	0.02	0.7	0.9	12.75	215	0.14	0.01	0.3	1.3	180
N811175		3.00	17.30	0.15	1.1	0.038	2.67	21.3	14.3	0.67	605	2.65	2.03	8.5	2.8	620
N811176		2.96	17.05	0.15	1.1	0.044	2.61	24.9	12.2	0.86	614	2.86	2.41	9.0	3.1	600
N811177		3.28	17.45	0.15	1.2	0.047	2.57	23.6	12.8	0.92	679	37.5	2.44	9.4	3.3	630
N811178		2.96	16.40	0.13	1.3	0.046	2.68	21.9	10.5	0.77	644	2.25	2.32	8.9	3.2	590
N811179		3.53	16.40	0.17	1.2	0.184	2.82	22.2	14.1	0.87	1940	2.49	0.95	9.0	3.2	580
N811180		3.14	16.40	0.17	1.4	0.035	2.52	22.0	11.2	0.86	732	2.03	2.39	9.4	3.4	620
N811181		3.04	16.65	0.16	1.2	0.039	2.56	21.5	12.7	0.78	646	1.66	2.33	9.0	3.2	590
N811182		2.77	16.30	0.15	1.4	0.041	2.32	26.4	12.5	0.78	616	6.92	2.19	9.5	3.3	640
N811183		3.07	16.60	0.18	1.5	0.037	2.57	23.3	12.0	0.68	710	2.30	2.16	9.4	3.3	620
N811184		3.01	16.60	0.16	1.4	0.038	2.65	24.9	12.0	0.73	704	2.87	2.18	9.6	3.5	620
N811185		3.11	16.95	0.17	1.2	0.040	2.58	26.6	12.3	0.89	646	1.74	2.39	9.8	3.4	640
N811186		3.30	15.75	0.18	1.0	0.051	2.64	21.9	9.6	0.80	1240	2.83	1.77	8.7	3.1	630
N811187		3.07	17.30	0.18	1.1	0.053	2.60	24.7	9.0	0.83	820	2.11	2.37	9.6	3.3	650
N811188		3.03	15.90	0.15	1.0	0.040	2.52	22.3	8.0	0.83	852	1.64	2.36	8.8	3.2	630
N811189		2.82	15.80	0.13	0.9	0.128	1.77	17.0	124.5	0.70	1070	1.09	0.87	8.6	3.0	600
N811190		3.03	16.40	0.15	1.1	0.049	2.50	22.0	17.3	0.86	595	1.30	2.15	9.0	3.3	650
N811191		3.19	16.30	0.18	0.9	0.060	2.55	37.0	11.1	0.88	816	2.21	2.23	8.6	3.2	630
N811192		7.00	14.50	0.22	1.0	1.765	2.67	25.1	24.3	0.95	1970	13.85	0.03	6.6	16.2	470
N811193		3.12	16.60	0.15	1.0	0.070	2.58	21.4	11.4	0.84	908	2.02	2.30	8.9	3.4	620
N811194		3.03	16.15	0.15	1.0	0.112	1.97	23.7	13.9	0.68	1450	1.28	1.84	8.2	2.8	600
N811195		0.46	0.42	0.11	<0.1	0.005	0.03	0.7	1.2	12.65	201	0.13	0.01	0.3	2.2	180
N811196		2.78	16.25	0.12	1.0	0.122	2.00	25.3	12.2	0.84	740	5.34	2.44	8.1	3.0	600
N811197		2.92	16.60	0.16	1.0	0.047	2.43	25.5	9.7	0.79	712	5.84	2.24	8.5	3.0	610
N811198		4.19	15.60	0.17	0.9	0.209	3.31	26.3	10.0	0.75	2090	2.75	0.30	8.1	3.6	580
N811199		3.99	15.80	0.17	0.9	0.233	3.23	32.2	10.2	0.82	3390	1.32	0.04	7.8	2.8	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179925

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811164		144.5	161.5	<0.002	0.49	7.04	9.9	1	1.7	142.0	0.57	0.06	11.4	0.244	2.81	3.6
N811165		1360	189.5	<0.002	1.20	13.75	10.1	2	4.9	128.0	0.55	<0.05	13.4	0.232	2.65	4.4
N811166		221	165.5	<0.002	0.36	5.92	10.8	1	2.1	187.0	0.63	0.07	13.6	0.248	2.43	4.1
N811167		841	195.5	0.002	0.63	9.35	10.3	1	3.7	88.1	0.61	<0.05	14.3	0.232	2.90	4.3
N811168		30.7	108.0	<0.002	0.04	1.40	11.0	1	1.5	370	0.62	<0.05	14.2	0.263	1.15	3.4
N811169		9190	129.5	0.002	6.87	213	8.1	4	8.5	123.5	0.46	0.49	8.5	0.174	2.13	5.2
N811170		20.6	94.7	<0.002	0.02	1.21	11.7	2	1.7	370	0.70	<0.05	14.0	0.250	0.96	2.6
N811171		47.9	106.0	<0.002	0.04	5.43	11.5	2	1.7	325	0.73	<0.05	14.3	0.256	1.22	3.2
N811172		18.6	89.6	<0.002	0.01	0.85	11.2	2	1.6	376	0.73	<0.05	14.3	0.256	0.96	4.4
N811173		1365	113.0	<0.002	1.51	15.55	10.1	2	2.4	97.8	0.60	0.06	12.8	0.225	2.13	4.1
N811174		2.2	1.1	<0.002	0.01	<0.05	0.3	1	<0.2	54.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N811175		18.2	88.0	<0.002	0.01	1.53	10.4	1	1.4	346	0.65	<0.05	13.0	0.264	0.98	2.9
N811176		18.6	88.3	<0.002	0.02	1.26	10.7	2	1.4	381	0.71	<0.05	13.9	0.256	0.95	3.6
N811177		15.2	85.9	0.002	0.01	1.99	11.6	2	1.6	398	0.76	<0.05	12.8	0.272	0.94	3.1
N811178		17.5	89.8	<0.002	0.04	1.42	9.8	1	1.5	361	0.78	0.10	13.3	0.251	1.10	4.6
N811179		158.0	106.0	<0.002	0.32	5.86	10.0	2	2.4	179.5	0.77	0.06	13.3	0.246	1.77	5.6
N811180		16.3	83.1	<0.002	0.01	0.90	11.0	2	1.6	395	0.81	<0.05	13.2	0.265	0.96	4.8
N811181		18.0	85.6	<0.002	0.03	1.27	10.1	2	1.6	382	0.73	<0.05	12.7	0.253	1.00	3.7
N811182		18.3	89.1	0.003	0.05	2.30	11.2	2	2.6	312	0.80	1.04	14.6	0.269	1.09	3.9
N811183		17.8	96.8	<0.002	0.03	1.65	10.9	2	1.7	355	0.81	0.06	13.8	0.260	1.04	4.4
N811184		18.9	101.0	<0.002	0.04	2.09	11.3	2	1.7	357	0.82	0.11	14.4	0.263	1.06	4.6
N811185		18.5	100.0	<0.002	0.11	1.55	11.9	2	1.7	415	0.88	0.05	13.3	0.263	1.01	4.3
N811186		499	98.4	<0.002	0.34	2.83	11.1	2	1.8	312	0.65	<0.05	11.2	0.262	1.43	3.5
N811187		18.4	87.9	<0.002	0.04	1.80	11.6	2	2.1	386	0.72	<0.05	12.5	0.276	1.10	3.3
N811188		18.1	80.6	<0.002	0.04	1.38	10.8	2	1.9	386	0.68	<0.05	11.1	0.265	1.03	2.9
N811189		19.2	60.1	<0.002	0.22	6.72	9.5	2	4.2	136.5	0.66	<0.05	10.3	0.252	1.54	3.5
N811190		16.8	73.8	<0.002	<0.01	2.38	11.5	2	2.1	385	0.67	<0.05	11.2	0.278	0.89	2.7
N811191		153.5	95.4	<0.002	0.21	1.98	11.2	2	1.7	379	0.61	<0.05	15.0	0.267	1.09	4.0
N811192		2900	156.0	0.002	5.03	91.7	8.6	2	8.0	98.0	0.52	0.39	11.0	0.187	2.37	5.5
N811193		28.4	89.7	<0.002	0.12	2.60	10.8	2	2.2	362	0.68	<0.05	11.0	0.270	1.20	3.5
N811194		282	80.6	<0.002	0.48	8.92	10.0	2	3.9	166.5	0.64	0.07	10.0	0.252	1.47	3.9
N811195		1.6	1.6	<0.002	0.01	0.10	0.3	1	<0.2	56.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811196		16.3	77.9	<0.002	0.06	3.26	9.9	1	3.3	314	0.66	0.06	12.0	0.251	1.05	2.8
N811197		17.0	86.1	<0.002	0.06	1.82	10.4	2	1.8	369	0.62	0.05	11.5	0.257	1.09	3.8
N811198		261	170.5	<0.002	1.76	10.80	10.5	2	2.5	109.5	0.63	0.27	12.6	0.243	2.75	4.8
N811199		578	204	<0.002	1.03	9.29	10.3	2	2.9	60.1	0.58	0.13	13.2	0.239	3.07	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179925

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811164		68	3.7	14.2	301	21.4		
N811165		66	3.9	11.9	3100	23.4		
N811166		70	2.4	14.2	483	22.4		
N811167		64	3.2	12.4	1200	22.3		
N811168		74	1.2	16.1	74	26.1		
N811169		51	4.6	9.7	>10000	34.4	119	1.650
N811170		71	2.2	17.7	81	28.0		
N811171		71	2.1	17.6	94	28.7		
N811172		71	1.4	16.7	52	28.3		
N811173		63	3.2	12.9	3810	23.6		
N811174		2	0.1	0.9	17	<0.5		
N811175		74	0.9	16.0	54	26.6		
N811176		71	1.0	16.7	46	27.1		
N811177		79	2.3	18.0	47	28.8		
N811178		69	1.3	15.3	47	30.0		
N811179		69	2.5	14.1	720	29.9		
N811180		76	1.5	17.3	46	32.7		
N811181		71	1.5	15.5	46	30.2		
N811182		75	1.4	16.7	43	32.9		
N811183		74	2.8	16.4	47	33.0		
N811184		74	2.8	17.1	48	31.4		
N811185		75	1.0	18.8	42	26.6		
N811186		76	1.3	15.3	363	25.1		
N811187		77	1.1	17.0	51	26.3		
N811188		73	0.9	15.7	47	24.3		
N811189		68	2.4	12.3	82	23.8		
N811190		79	1.0	15.8	43	25.4		
N811191		74	0.9	16.4	255	22.7		
N811192		59	5.4	10.4	5430	29.5		
N811193		76	1.2	15.8	108	24.6		
N811194		72	2.6	13.4	621	24.2		
N811195		2	0.1	0.9	17	<0.5		
N811196		70	2.2	14.6	58	24.3		
N811197		73	1.1	16.2	48	24.9		
N811198		69	2.9	12.5	611	22.7		
N811199		68	2.4	12.2	1940	23.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179925

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179926

Project: Klaza-91

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

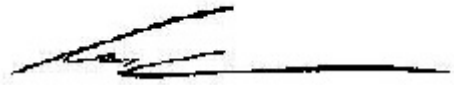
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179926

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812330		0.22	4.48	>100	5.09	7430	120	1.29	53.0	1.95	220	27.5	9.9	17	11.50	1250
N812331		8.47	<0.005	0.21	6.81	10.7	1830	1.60	0.20	2.87	0.23	38.9	7.5	13	12.30	12.8
N812332		2.97	0.031	1.56	6.80	153.5	830	1.73	0.95	2.95	3.14	48.4	13.0	10	16.65	36.4
N812333		2.62	<0.005	0.14	7.46	11.2	1490	1.42	0.20	2.54	0.25	41.4	10.8	18	14.60	12.1
N812334		1.25	<0.005	0.11	7.18	9.2	1420	1.39	0.15	2.59	0.28	40.2	5.8	10	13.30	14.7
N812335		3.49	<0.005	0.30	7.23	33.3	870	1.46	0.35	2.87	1.83	40.2	10.3	10	17.75	27.2
N812336		4.34	0.009	0.52	7.36	80.7	970	1.54	0.44	3.01	0.82	47.2	7.8	12	15.80	14.6
N812337		3.11	0.011	0.11	7.18	55.3	700	1.31	0.13	2.98	2.40	35.7	3.9	11	11.80	6.2
N812338		4.47	0.014	0.63	6.94	106.0	540	1.40	0.19	3.51	3.58	44.1	5.4	10	13.85	6.3
N812339		5.51	<0.005	0.20	7.17	19.1	1180	1.36	0.37	2.66	0.42	39.4	11.3	13	16.10	4.4
N812340		5.38	<0.005	0.21	7.17	31.0	800	1.57	0.24	2.92	0.49	42.6	4.9	11	18.85	3.7
N812341		4.39	<0.005	0.31	7.19	52.2	1900	1.63	0.63	3.38	1.29	48.0	8.5	16	19.90	3.7
N812342		2.40	<0.005	0.03	0.10	<5	20	0.07	0.06	21.8	0.07	1.00	0.6	1	0.42	2.7
N812343		2.93	<0.005	0.07	7.16	9.7	1870	1.45	0.36	2.84	0.28	34.7	2.9	10	10.75	3.0
N812344		<0.02	<0.005	0.13	7.46	11.1	1950	1.30	0.37	2.89	0.27	37.8	3.1	14	11.85	1.7
N812345		4.75	<0.005	0.16	7.22	15.6	1480	1.51	0.40	3.48	0.63	42.7	6.3	11	11.95	2.7
N812346		3.60	<0.005	0.09	7.35	9.2	1290	1.26	0.22	2.10	0.44	38.6	4.2	12	10.00	4.2
N812347		5.47	<0.005	0.30	7.01	31.9	1280	1.58	0.27	3.80	1.02	48.4	5.9	9	21.6	3.4
N812348		8.02	<0.005	0.12	6.88	31.2	1990	1.74	0.44	4.17	0.55	48.0	6.3	8	38.3	2.3
N812349		4.93	<0.005	0.02	0.10	<5	20	0.06	0.04	22.4	0.05	1.13	0.7	1	0.28	2.1
N812350		5.14	<0.005	0.11	7.23	16.5	1320	1.51	0.24	2.21	0.30	36.6	5.8	12	19.20	2.5
N812351		0.21	2.20	25.7	5.99	3300	930	1.23	19.15	2.30	77.6	41.3	9.7	18	13.10	436
N812352		3.03	<0.005	0.15	7.04	25.7	1350	1.69	0.25	2.85	0.22	38.5	12.0	11	17.95	3.3
N812353		7.43	<0.005	0.10	7.38	10.7	1750	1.37	0.25	2.39	0.09	39.4	8.1	19	11.45	2.9
N812354		2.96	<0.005	0.20	7.05	23.6	1340	1.43	0.20	3.28	0.16	36.8	8.9	21	13.05	3.7
N812355		6.54	<0.005	0.16	7.89	16.1	1840	1.62	0.42	2.79	0.19	47.2	17.4	27	8.40	3.0
N812356		5.42	<0.005	0.12	7.56	12.2	1830	1.45	0.27	2.36	0.08	43.7	8.7	18	10.65	5.9
N812357		4.20	<0.005	0.18	7.28	52.5	1160	1.57	0.34	2.19	0.33	41.2	9.3	21	15.95	3.3
N812358		2.73	<0.005	0.77	7.14	30.5	1400	1.48	0.14	2.44	13.45	38.3	5.4	16	16.60	8.8
N812359		4.79	<0.005	0.08	7.61	5.0	1910	1.60	0.14	2.64	0.13	44.5	7.9	26	9.71	5.8
N812360		2.86	<0.005	0.08	7.79	3.6	2050	1.78	0.13	3.00	0.15	51.6	7.8	17	9.17	7.6
N812361		7.17	<0.005	0.08	7.24	7.8	1770	1.56	0.15	2.78	0.17	44.4	7.2	21	12.20	5.8
N812362		2.97	<0.005	0.27	6.83	28.3	1940	1.40	0.19	3.00	1.06	42.1	5.8	13	18.00	6.0
N812363		2.40	<0.005	0.13	7.06	38.2	890	1.60	0.24	2.31	0.17	38.4	8.2	13	23.6	7.2
N812364		3.11	<0.005	0.21	6.95	41.6	1380	1.67	0.16	4.19	1.10	46.2	7.1	13	19.20	5.5
N812365		3.71	<0.005	0.11	7.55	8.7	1740	1.17	0.26	1.74	0.15	39.9	7.8	12	13.95	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179926

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812330		8.10	12.75	0.20	1.1	4.59	2.19	13.4	32.4	0.60	2990	16.05	0.08	5.9	13.8	440
N812331		3.10	15.80	0.14	1.5	0.054	2.84	18.0	26.1	0.78	709	1.12	1.36	8.3	3.0	590
N812332		3.65	14.75	0.15	1.3	0.165	2.77	26.6	29.3	1.05	1580	1.32	0.04	7.6	3.2	520
N812333		3.14	16.55	0.14	1.4	0.075	2.96	20.2	102.0	0.77	845	1.59	0.07	8.6	3.2	620
N812334		3.21	15.65	0.14	1.4	0.077	2.98	19.1	113.0	0.77	865	0.65	0.07	8.9	2.7	650
N812335		3.25	15.65	0.09	1.2	0.077	2.66	20.1	73.7	1.02	1450	1.22	0.05	7.1	3.3	610
N812336		3.24	15.90	0.13	1.1	0.140	2.82	26.4	52.0	1.12	1540	1.10	0.04	6.8	2.7	570
N812337		2.93	14.45	0.10	1.3	0.049	1.84	17.3	153.0	0.88	1080	0.58	0.05	6.9	2.3	640
N812338		3.50	15.50	0.12	1.2	0.126	3.05	23.3	24.7	1.16	4080	1.65	0.03	6.7	2.8	540
N812339		3.13	15.75	0.09	1.4	0.071	2.51	19.9	62.8	0.89	1020	0.97	0.06	7.7	3.0	640
N812340		2.78	15.70	0.11	1.2	0.056	2.29	21.7	83.3	0.99	822	0.60	0.04	7.3	3.0	650
N812341		2.61	17.25	0.12	1.2	0.056	2.57	24.0	46.8	1.12	844	0.76	0.05	7.7	3.6	630
N812342		0.47	0.27	0.08	<0.1	<0.005	0.04	0.5	1.6	12.90	214	1.39	<0.01	0.2	2.0	180
N812343		3.18	16.30	0.13	1.0	0.044	2.72	17.0	45.9	0.96	881	0.48	0.07	7.5	2.5	630
N812344		3.32	17.35	0.12	1.4	0.050	2.88	18.3	39.6	0.97	913	0.61	0.07	8.1	2.7	660
N812345		3.23	16.55	0.09	1.2	0.070	2.30	20.9	69.9	1.13	1130	0.54	0.04	7.3	2.7	630
N812346		2.83	17.40	0.10	1.2	0.040	2.45	17.5	95.3	0.66	732	0.68	0.06	7.7	3.0	660
N812347		2.99	16.20	0.10	1.1	0.060	2.62	26.6	47.7	1.30	1280	1.17	0.04	7.0	3.5	540
N812348		2.71	14.70	0.10	1.1	0.043	2.05	26.4	48.3	1.32	839	0.43	0.04	6.0	3.1	530
N812349		0.48	0.27	0.10	<0.1	<0.005	0.04	0.6	1.4	13.30	222	0.14	0.01	0.2	2.2	150
N812350		2.96	15.30	0.11	1.2	0.041	2.73	17.6	39.1	0.79	610	0.74	1.35	7.8	2.6	630
N812351		6.73	13.35	0.13	0.7	1.420	2.63	21.7	23.7	0.94	1880	12.70	0.04	5.3	15.1	440
N812352		2.92	16.00	0.09	1.2	0.050	2.40	20.1	43.5	0.94	769	0.53	0.78	7.6	2.8	590
N812353		3.03	16.50	0.11	1.2	0.033	2.98	19.6	26.6	0.84	619	1.20	1.57	7.3	3.0	610
N812354		3.45	16.45	0.11	1.2	0.086	2.77	18.1	16.9	1.01	1290	1.15	1.36	7.6	4.4	660
N812355		3.20	17.15	0.12	1.3	0.043	2.99	25.0	15.3	0.98	747	1.86	2.55	8.0	3.3	660
N812356		3.26	16.65	0.11	1.3	0.049	2.96	20.7	16.6	0.91	840	1.25	2.06	7.6	3.0	630
N812357		3.01	17.20	0.12	1.1	0.075	2.63	19.8	41.8	0.76	1000	1.12	1.23	6.9	2.9	610
N812358		3.34	16.25	0.13	1.1	0.071	3.09	19.1	24.1	0.78	2700	2.60	0.96	7.2	2.8	580
N812359		3.50	16.75	0.12	1.4	0.045	2.74	21.7	19.6	0.98	979	2.59	1.64	8.0	3.4	630
N812360		3.09	17.70	0.11	1.4	0.022	2.64	25.2	17.5	0.89	663	1.73	2.40	8.4	3.1	630
N812361		2.98	17.20	0.12	1.4	0.026	2.57	21.2	17.6	0.78	586	2.14	2.08	8.0	3.4	600
N812362		3.50	15.60	0.09	1.2	0.101	2.95	21.5	29.4	0.91	2350	2.63	0.51	7.1	2.6	570
N812363		2.74	16.25	0.11	1.2	0.027	2.71	18.6	55.2	0.67	961	2.33	0.71	7.1	3.1	600
N812364		3.43	15.30	0.11	1.0	0.091	2.82	25.0	31.9	1.38	2230	2.10	0.09	6.8	2.7	540
N812365		3.13	16.25	0.10	1.4	0.034	2.75	19.9	46.9	0.72	665	1.29	0.44	7.5	2.9	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179926

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812330		9380	109.0	0.002	7.03	217	7.2	4	8.4	119.0	0.46	0.48	7.3	0.180	2.10	5.2
N812331		20.8	87.4	<0.002	0.05	4.98	9.9	1	1.7	328	0.68	<0.05	9.8	0.262	1.40	3.8
N812332		118.0	128.5	<0.002	0.95	16.40	10.2	1	3.3	151.0	0.62	<0.05	13.5	0.236	2.27	5.0
N812333		15.6	90.6	<0.002	0.07	7.75	10.9	2	2.2	199.0	0.70	<0.05	11.1	0.275	1.70	3.1
N812334		16.2	80.7	<0.002	0.04	8.12	10.7	1	2.5	207	0.71	<0.05	11.3	0.291	1.61	2.6
N812335		59.9	94.8	<0.002	0.22	14.95	10.6	1	1.8	190.0	0.69	<0.05	11.5	0.274	2.03	3.7
N812336		52.9	133.5	<0.002	0.39	11.30	10.3	1	2.9	162.5	0.63	<0.05	13.6	0.265	2.21	4.0
N812337		21.3	47.5	<0.002	0.10	12.40	10.3	1	1.6	264	0.62	<0.05	9.5	0.273	0.98	1.8
N812338		95.4	173.5	0.002	0.82	11.10	10.1	<1	2.2	111.5	0.59	<0.05	13.2	0.245	2.56	4.3
N812339		15.8	86.0	<0.002	0.14	11.60	10.8	1	1.9	199.0	0.71	<0.05	11.5	0.278	1.63	3.1
N812340		18.9	79.2	<0.002	0.21	14.20	10.1	1	1.9	217	0.67	<0.05	13.2	0.267	2.20	4.3
N812341		63.0	87.6	<0.002	0.29	11.75	10.7	1	1.9	232	0.68	<0.05	12.1	0.275	2.65	4.6
N812342		2.1	2.0	0.002	0.02	0.17	0.3	<1	0.5	43.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N812343		18.7	85.5	<0.002	0.07	10.40	10.7	1	1.9	224	0.62	<0.05	11.3	0.277	1.54	2.7
N812344		20.4	96.7	<0.002	0.07	11.75	11.1	1	1.9	232	0.70	<0.05	11.3	0.296	1.66	2.9
N812345		28.0	89.7	<0.002	0.20	13.05	10.7	<1	1.9	178.5	0.63	<0.05	13.1	0.266	1.74	2.7
N812346		14.9	73.4	0.003	0.06	15.10	11.4	1	1.8	160.0	0.76	<0.05	12.0	0.285	1.22	2.6
N812347		54.7	140.5	0.002	0.33	18.05	10.7	1	1.6	199.5	0.63	<0.05	13.4	0.245	2.26	5.5
N812348		24.6	99.7	<0.002	0.24	17.50	10.0	1	1.5	248	0.55	<0.05	12.5	0.240	2.35	4.4
N812349		1.5	1.8	<0.002	0.01	0.15	0.4	<1	0.4	43.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N812350		17.3	96.5	<0.002	0.09	9.47	10.0	1	1.6	212	0.69	<0.05	11.9	0.288	1.65	3.4
N812351		2750	148.5	0.003	5.01	87.2	7.6	1	6.6	92.6	0.49	0.30	10.2	0.188	2.03	5.4
N812352		18.3	83.0	<0.002	0.14	10.35	10.8	<1	1.7	213	0.68	<0.05	11.1	0.271	1.86	3.9
N812353		17.2	94.3	0.002	0.05	4.60	10.4	1	1.6	307	0.66	<0.05	11.8	0.282	1.24	3.7
N812354		19.1	103.0	<0.002	0.21	4.96	10.9	1	1.8	283	0.65	<0.05	10.5	0.273	1.87	3.8
N812355		24.5	118.0	<0.002	0.10	3.48	11.3	1	1.7	359	0.66	<0.05	14.3	0.298	1.39	4.2
N812356		19.9	106.5	0.002	0.09	4.00	10.8	1	1.6	308	0.66	<0.05	12.5	0.283	1.46	3.9
N812357		24.4	104.5	<0.002	0.26	7.88	9.8	1	1.7	239	0.62	<0.05	10.9	0.266	1.78	3.7
N812358		134.5	123.0	0.003	0.32	6.98	10.3	1	1.8	246	0.65	<0.05	12.3	0.265	1.85	4.2
N812359		19.7	105.0	<0.002	0.04	3.00	11.8	1	1.8	342	0.69	<0.05	12.9	0.291	1.27	4.4
N812360		17.7	103.5	<0.002	0.01	1.27	11.6	1	1.8	429	0.80	<0.05	13.7	0.278	1.01	5.0
N812361		19.1	93.3	0.002	0.03	3.26	11.0	1	1.8	375	0.75	<0.05	12.4	0.268	1.12	4.4
N812362		62.3	120.5	0.002	0.34	8.08	10.0	1	1.9	177.5	0.65	<0.05	11.5	0.258	2.35	4.1
N812363		17.9	93.8	<0.002	0.18	8.12	10.1	1	1.7	229	0.62	<0.05	11.4	0.269	2.40	4.1
N812364		55.7	130.5	<0.002	0.35	10.05	10.5	1	1.9	179.0	0.63	<0.05	12.4	0.245	2.28	4.6
N812365		24.6	93.4	<0.002	0.06	9.11	10.4	1	1.7	205	0.77	<0.05	12.2	0.276	1.33	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179926

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812330		53	4.6	7.9	>10000	33.2	122	1.655
N812331		75	2.3	13.1	61	37.8		
N812332		69	3.5	13.4	335	32.9		
N812333		79	2.9	13.4	75	36.5		
N812334		81	2.6	12.6	82	36.1		
N812335		76	2.6	12.5	227	30.2		
N812336		72	2.9	12.8	137	27.7		
N812337		79	2.5	12.9	230	32.0		
N812338		69	4.3	13.1	277	29.8		
N812339		76	2.5	12.9	85	33.9		
N812340		74	2.1	13.6	72	30.0		
N812341		81	1.8	13.3	122	30.6		
N812342		3	0.1	0.7	16	<0.5		
N812343		76	2.5	12.1	72	28.3		
N812344		81	2.7	13.1	75	33.5		
N812345		75	2.4	13.8	92	30.4		
N812346		79	3.7	12.3	77	29.6		
N812347		70	2.5	15.2	112	28.2		
N812348		69	2.5	14.4	85	25.7		
N812349		4	0.1	0.8	14	<0.5		
N812350		75	2.5	11.8	69	29.1		
N812351		58	5.4	9.0	5160	22.3		
N812352		78	2.1	14.1	62	28.8		
N812353		79	1.9	13.1	54	31.3		
N812354		80	3.2	13.6	68	31.2		
N812355		82	2.4	15.5	70	32.4		
N812356		80	2.1	13.7	67	31.5		
N812357		83	2.7	13.0	80	29.0		
N812358		76	4.0	13.1	1040	28.9		
N812359		84	2.8	15.9	62	33.3		
N812360		79	1.7	17.5	53	33.2		
N812361		77	1.7	15.3	52	34.3		
N812362		73	3.1	14.2	131	29.9		
N812363		77	1.5	12.0	56	29.8		
N812364		70	3.0	16.2	135	26.5		
N812365		77	5.9	14.0	58	34.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-91

CERTIFICATE OF ANALYSIS WH12179926

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179927

Project: Klaza - 94

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

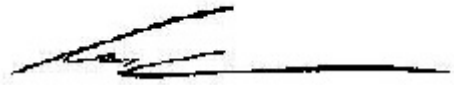
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179927

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812178		2.08	0.037	1.73	6.87	411	990	1.54	0.19	2.94	1.64	40.9	7.8	9	15.30	8.9
N812179		0.23	0.833	9.41	6.22	1760	190	1.38	6.44	1.89	39.3	35.1	15.8	19	14.20	103.0
N812180		0.05	<0.005	0.15	6.79	9.5	1910	1.58	0.09	2.77	0.12	38.8	8.8	12	15.25	7.9
N812181		3.81	0.012	0.32	6.58	17.8	1860	1.44	0.08	2.76	0.09	34.3	7.6	13	13.30	10.5
N812182		2.49	<0.005	0.24	6.46	27.9	890	1.58	0.11	3.34	0.18	35.6	8.2	12	13.85	11.6
N812183		4.25	<0.005	0.22	7.07	69.9	1530	1.43	0.07	2.33	0.45	35.6	8.0	9	15.80	6.8
N812184		3.23	0.054	2.94	6.95	185.5	1670	1.57	0.27	2.50	8.43	43.1	9.3	9	16.20	76.3
N812185		5.42	<0.005	0.15	0.12	<5	20	0.07	0.04	21.2	0.06	1.20	0.9	2	0.54	2.7
N812186		2.86	<0.005	0.13	6.76	3.9	1710	1.53	0.36	3.13	0.11	34.6	7.7	12	13.55	3.0
N812187		1.87	<0.005	0.17	6.64	15.4	1080	1.39	0.21	2.92	0.17	35.6	8.0	9	19.45	5.0
N812188		3.11	<0.005	0.19	7.15	3.6	2060	1.53	0.10	2.90	0.09	39.0	8.6	13	11.40	7.3
N812189		<0.02	<0.005	0.08	6.97	1.9	2000	1.49	0.08	2.81	0.10	37.7	8.4	13	10.70	6.3
N812190		2.60	<0.005	0.05	7.03	2.4	2070	1.49	0.08	2.85	0.07	38.7	8.4	14	9.89	5.8
N812191		5.56	<0.005	0.06	7.13	2.9	2250	1.44	0.07	2.85	0.07	38.0	8.5	15	10.60	6.2
N812192		5.25	<0.005	0.04	7.10	3.2	2070	1.46	0.08	2.75	0.05	37.8	8.1	18	12.00	4.3
N812193		2.16	<0.005	0.05	7.32	2.7	1900	1.48	0.07	2.35	0.05	38.6	8.2	11	11.00	3.7
N812194		3.16	<0.005	0.06	6.84	1.8	1660	1.53	0.09	2.77	0.16	35.0	7.0	11	17.75	3.4
N812195		5.71	<0.005	0.04	7.24	3.2	2100	1.60	0.06	2.71	0.07	38.8	8.1	12	13.85	4.6
N812196		3.55	<0.005	0.04	7.05	0.3	2120	1.43	0.08	2.82	0.05	37.2	8.2	12	13.30	5.4
N812197		3.92	<0.005	0.07	6.56	7.1	1560	1.49	0.09	3.11	0.11	37.7	7.9	10	13.30	6.2
N812198		3.31	<0.005	0.05	6.93	4.9	1480	1.70	0.09	2.89	0.11	35.0	8.2	10	16.05	4.9
N812199		3.74	<0.005	0.10	6.68	9.1	1830	1.42	0.11	3.00	0.28	37.0	7.5	10	18.50	6.9
N812200		1.85	<0.005	0.16	6.48	23.7	1580	1.62	0.29	2.99	0.11	37.9	7.0	11	17.50	8.1
N812201		2.04	<0.005	0.06	6.92	5.4	1810	1.47	0.13	2.83	0.08	34.6	7.5	25	16.45	3.6
N812202		0.90	<0.005	0.05	6.90	3.4	1860	1.55	0.12	2.82	0.09	36.1	7.7	10	17.40	4.4
N812203		3.41	0.009	0.19	6.40	32.7	1040	1.43	0.15	3.16	0.75	38.7	7.2	11	15.25	9.0
N812204		4.11	<0.005	0.06	6.70	6.7	1920	1.46	0.10	3.06	0.09	34.7	7.5	13	20.7	5.7
N812205		4.37	<0.005	0.05	7.01	3.2	2160	1.65	0.07	2.92	0.07	39.3	8.6	16	10.65	6.9
N812206		5.21	<0.005	0.05	7.45	<0.2	2340	1.80	0.08	2.96	0.06	40.2	9.0	15	11.90	6.2
N812207		4.79	<0.005	0.04	6.83	2.7	2020	1.53	0.06	2.88	0.06	34.3	7.6	13	13.50	5.5
N812208		0.25	0.787	10.50	6.26	1805	200	1.43	6.41	1.88	41.5	41.4	16.6	19	15.65	106.5
N812209		4.27	<0.005	0.48	6.68	9.5	1980	1.62	0.07	2.77	0.13	34.1	7.9	11	20.2	6.9
N812210		4.53	<0.005	0.09	6.72	6.5	2020	1.43	0.06	2.59	0.08	35.5	7.9	12	20.1	6.6
N812211		5.07	<0.005	0.04	6.59	1.4	2020	1.44	0.05	2.52	0.11	34.0	7.6	13	10.45	4.3
N812212		1.49	0.009	0.10	6.80	16.0	1510	1.38	0.07	2.29	0.13	33.6	6.8	9	19.35	5.0
N812213		2.28	<0.005	0.01	0.06	<5	20	<0.05	0.03	21.4	0.05	0.93	2.2	1	0.13	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812178		3.11	16.05	0.10	1.3	0.034	2.92	20.0	39.3	0.99	2820	0.42	0.04	7.0	2.7	570
N812179		5.28	13.95	0.08	1.3	0.822	2.76	18.4	23.6	0.68	1910	11.60	0.26	6.6	14.4	480
N812180		3.25	16.90	0.09	1.3	0.035	2.50	17.7	17.4	0.82	843	0.95	1.83	8.3	3.2	650
N812181		2.95	15.25	0.09	1.3	0.038	2.67	16.3	13.5	0.75	959	0.74	1.80	7.2	2.8	570
N812182		3.06	15.00	0.09	1.2	0.047	2.97	16.8	34.6	1.01	1670	1.27	0.37	6.9	3.4	550
N812183		2.76	15.85	0.10	1.4	0.030	2.53	16.5	68.6	0.64	1060	1.25	0.41	7.6	2.8	610
N812184		3.39	16.50	0.10	1.3	0.074	2.55	19.7	60.6	0.80	3870	2.17	0.10	8.0	3.1	740
N812185		0.48	0.32	0.07	<0.1	<0.005	0.05	0.6	1.8	12.55	219	0.26	0.01	0.1	2.3	170
N812186		3.03	15.05	0.07	1.1	0.036	2.59	16.3	17.8	0.74	912	0.36	1.83	7.2	2.7	610
N812187		2.98	15.10	0.10	1.0	0.030	3.12	18.1	20.9	1.01	1560	0.56	0.07	6.7	2.8	570
N812188		3.18	16.75	0.09	1.2	0.026	2.55	19.0	22.7	0.87	803	0.72	1.99	7.5	3.1	630
N812189		3.03	16.35	0.08	1.1	0.028	2.48	17.6	21.5	0.85	746	0.74	1.99	7.4	2.9	610
N812190		3.01	16.45	0.11	1.2	0.026	2.47	18.1	18.2	0.86	663	0.80	2.25	7.8	2.9	600
N812191		3.09	16.40	0.11	1.2	0.028	2.49	17.9	19.1	0.91	668	2.91	2.29	7.5	3.0	620
N812192		3.08	15.90	0.09	1.2	0.023	2.52	18.9	17.1	0.87	665	5.82	2.43	7.3	2.9	620
N812193		3.12	16.60	0.09	1.2	0.032	2.60	18.7	18.7	0.78	567	1.01	1.77	7.5	2.9	620
N812194		2.73	15.90	0.08	1.4	0.026	2.55	16.9	24.8	0.69	721	2.24	1.13	7.6	2.7	560
N812195		3.12	16.45	0.10	1.2	0.029	2.53	19.8	21.0	0.78	633	2.83	1.63	7.6	2.8	640
N812196		2.96	16.10	0.10	1.2	0.023	2.60	18.2	16.0	0.76	653	8.82	1.90	7.4	2.8	600
N812197		2.81	15.55	0.09	1.1	0.022	2.39	19.0	31.6	0.80	820	1.12	1.02	7.3	2.7	580
N812198		3.14	15.80	0.10	1.2	0.027	2.68	17.2	72.1	0.83	773	0.78	1.14	7.4	2.8	580
N812199		2.89	15.50	0.11	1.1	0.025	2.81	17.3	44.8	0.71	973	2.41	1.10	7.1	2.6	580
N812200		2.72	15.90	0.10	1.4	0.028	2.92	18.9	37.8	0.70	1280	0.56	0.42	7.5	2.8	530
N812201		2.99	15.45	0.10	1.2	0.025	2.82	16.1	44.9	0.71	763	0.73	1.45	7.0	2.9	590
N812202		2.98	15.95	0.10	1.3	0.025	2.80	17.3	42.1	0.68	743	0.77	1.46	7.3	2.8	600
N812203		2.87	14.25	0.10	1.1	0.024	2.87	19.8	25.9	0.98	1560	0.74	0.33	6.9	2.6	530
N812204		2.92	15.35	0.09	1.3	0.025	2.73	16.1	25.1	0.82	794	1.19	1.78	7.2	2.8	590
N812205		3.11	16.10	0.10	1.3	0.029	2.47	18.2	14.1	0.92	701	5.75	2.24	8.3	3.1	630
N812206		3.26	17.45	0.11	1.3	0.028	2.60	18.5	20.2	0.92	705	1.29	2.46	8.4	3.2	640
N812207		2.91	15.75	0.11	1.2	0.021	2.62	16.1	12.2	0.78	665	4.02	2.12	7.6	2.7	580
N812208		5.26	15.00	0.10	1.4	0.865	2.76	20.2	26.1	0.68	1900	12.50	0.26	7.1	15.3	470
N812209		2.97	16.05	0.10	1.3	0.026	2.65	16.4	73.1	0.75	926	0.93	1.03	7.5	2.8	580
N812210		2.95	15.95	0.11	1.3	0.026	2.53	15.9	35.8	0.75	674	0.78	1.61	7.6	2.8	600
N812211		2.73	15.75	0.10	1.5	0.021	2.43	16.6	17.7	0.77	606	1.34	2.12	7.5	2.8	550
N812212		2.67	14.85	0.09	1.6	0.032	2.69	16.3	56.3	0.72	1160	5.67	0.76	6.6	2.5	520
N812213		0.49	0.17	0.09	<0.1	<0.005	0.02	<0.5	0.9	12.75	215	0.12	0.01	0.1	1.6	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812178		173.5	114.5	<0.002	0.41	20.8	10.2	1	1.6	123.5	0.64	<0.05	10.1	0.264	1.88	5.9
N812179		1325	125.5	0.002	3.10	30.6	7.9	1	5.4	137.0	0.55	0.26	9.7	0.208	2.32	4.3
N812180		20.9	81.6	<0.002	0.03	2.79	11.4	1	1.6	370	0.71	<0.05	9.4	0.293	1.20	3.5
N812181		19.7	89.1	<0.002	0.04	3.55	9.3	1	1.4	356	0.69	<0.05	9.0	0.263	1.26	3.5
N812182		21.3	98.2	<0.002	0.21	7.09	10.1	1	1.5	177.5	0.59	<0.05	8.4	0.264	2.03	3.5
N812183		69.1	79.7	<0.002	0.18	8.60	10.2	1	1.6	263	0.72	<0.05	10.0	0.270	1.56	4.4
N812184		325	91.1	<0.002	0.60	52.3	11.6	1	1.9	198.0	0.69	<0.05	10.9	0.290	1.88	4.7
N812185		2.1	3.2	<0.002	0.01	0.12	0.4	1	0.2	42.0	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N812186		20.5	79.0	<0.002	0.01	5.85	9.8	1	1.5	326	0.63	<0.05	8.1	0.280	1.23	2.7
N812187		12.3	115.0	<0.002	0.15	26.1	9.9	1	1.6	119.0	0.52	<0.05	9.0	0.261	2.07	3.7
N812188		16.0	81.0	<0.002	0.03	3.36	11.1	1	1.6	374	0.63	<0.05	9.2	0.284	1.11	3.1
N812189		15.0	78.9	<0.002	0.03	2.91	10.3	1	1.6	373	0.58	<0.05	8.4	0.278	1.00	2.7
N812190		15.4	84.8	<0.002	0.01	0.85	10.8	1	1.5	406	0.65	<0.05	9.3	0.268	0.90	3.7
N812191		15.0	77.2	<0.002	0.01	0.83	11.0	1	1.5	434	0.58	<0.05	9.3	0.281	0.91	3.2
N812192		16.0	81.2	0.002	0.01	1.71	10.3	1	1.4	402	0.63	<0.05	10.1	0.278	0.89	3.2
N812193		15.9	84.1	<0.002	0.01	3.52	11.2	1	1.5	320	0.60	<0.05	10.4	0.281	0.96	2.5
N812194		20.6	75.3	<0.002	0.02	6.39	9.9	<1	1.5	315	0.77	<0.05	10.4	0.260	1.05	2.6
N812195		15.5	79.3	<0.002	0.01	4.26	11.0	1	1.5	331	0.62	<0.05	9.6	0.283	0.94	2.9
N812196		15.5	79.9	0.002	0.01	3.16	10.0	1	1.5	382	0.63	<0.05	9.6	0.271	0.99	3.1
N812197		13.0	81.5	<0.002	0.08	9.60	10.1	1	1.6	222	0.59	<0.05	9.2	0.264	1.16	3.0
N812198		13.9	84.3	<0.002	0.03	5.17	10.3	1	1.7	261	0.61	<0.05	9.4	0.270	1.32	3.0
N812199		22.1	91.8	<0.002	0.06	7.36	9.5	<1	1.7	330	0.60	<0.05	9.2	0.263	1.36	3.0
N812200		14.9	106.5	<0.002	0.14	6.76	9.6	1	1.5	188.5	0.73	<0.05	11.2	0.249	1.71	4.2
N812201		17.6	84.7	<0.002	0.03	3.46	9.7	1	1.5	320	0.61	<0.05	9.8	0.269	1.24	3.0
N812202		17.9	85.4	<0.002	0.03	3.68	10.0	1	1.6	328	0.63	<0.05	9.9	0.267	1.27	3.1
N812203		17.7	111.5	<0.002	0.16	8.78	9.4	1	1.5	122.5	0.62	<0.05	10.6	0.248	1.91	4.6
N812204		15.1	78.0	<0.002	0.03	4.37	9.4	1	1.5	343	0.65	<0.05	8.9	0.267	1.32	3.4
N812205		15.2	76.4	0.002	0.01	1.23	11.1	1	1.6	409	0.70	<0.05	10.5	0.283	0.96	4.2
N812206		16.2	80.2	<0.002	0.01	1.09	11.4	1	1.6	454	0.70	<0.05	10.6	0.292	0.97	4.5
N812207		15.5	82.6	<0.002	0.01	1.39	9.8	1	1.5	358	0.68	<0.05	9.7	0.263	1.09	4.0
N812208		1295	140.0	<0.002	3.09	33.4	8.6	1	5.7	146.5	0.58	0.24	10.3	0.209	2.38	4.6
N812209		16.8	83.9	<0.002	0.12	6.68	10.0	1	1.7	279	0.65	<0.05	9.0	0.264	1.45	3.2
N812210		16.9	85.8	<0.002	0.03	4.74	10.8	<1	1.8	367	0.61	<0.05	8.9	0.275	1.24	3.6
N812211		16.8	82.5	<0.002	0.01	1.03	9.6	1	1.5	387	0.61	<0.05	10.2	0.252	0.94	3.6
N812212		20.1	88.4	<0.002	0.12	7.49	8.8	1	1.5	260	0.62	<0.05	10.9	0.238	1.54	4.7
N812213		1.3	0.8	<0.002	0.02	0.07	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812178		79	1.9	12.6	232	32.0
N812179		56	5.1	9.6	2940	35.7
N812180		88	1.2	14.4	67	33.6
N812181		73	1.6	12.9	59	32.3
N812182		74	2.0	13.0	78	29.9
N812183		77	3.0	12.5	81	34.1
N812184		91	3.4	15.0	1090	31.3
N812185		4	0.1	0.8	14	<0.5
N812186		79	1.2	11.1	84	25.7
N812187		74	1.4	12.1	65	25.1
N812188		81	1.0	14.4	59	30.7
N812189		78	0.5	13.4	58	28.0
N812190		77	1.3	15.0	51	29.7
N812191		79	0.6	14.6	53	29.3
N812192		79	1.1	14.0	51	29.9
N812193		78	0.9	13.4	54	31.8
N812194		73	0.9	13.1	55	32.2
N812195		81	1.0	13.6	55	30.0
N812196		76	0.8	12.8	48	30.2
N812197		73	1.3	12.5	56	28.4
N812198		76	1.3	12.0	57	29.8
N812199		74	1.2	12.1	70	27.3
N812200		70	1.4	12.5	63	36.0
N812201		76	0.8	11.5	59	27.4
N812202		75	0.9	12.3	57	32.7
N812203		66	1.6	12.1	131	27.4
N812204		74	1.1	11.6	56	31.3
N812205		82	1.7	15.3	55	34.1
N812206		84	2.2	15.8	57	32.8
N812207		75	1.1	13.1	51	31.8
N812208		56	5.2	10.6	2930	40.0
N812209		74	3.0	12.2	52	34.1
N812210		78	2.3	12.9	54	32.1
N812211		69	0.7	13.2	52	48.7
N812212		64	1.0	11.1	58	47.9
N812213		2	0.1	0.7	13	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179927

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179928

Project: Klaza - 94

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

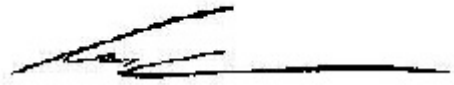
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179928

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812142		4.20	<0.005	0.26	7.03	17.2	1660	1.62	0.18	4.03	0.37	46.5	7.8	12	17.25	11.6
N812143		3.81	<0.005	0.02	0.05	<5	20	<0.05	0.05	20.8	0.07	1.14	0.6	2	0.09	2.2
N812144		4.96	<0.005	0.23	6.73	12.0	1990	1.43	0.12	3.38	0.17	39.9	8.0	10	19.70	8.7
N812145		2.37	0.013	0.22	6.69	82.3	1600	1.55	0.11	2.91	0.51	38.0	7.4	12	14.95	10.5
N812146		3.67	<0.005	0.12	7.04	11.1	1270	1.56	0.07	2.83	0.52	36.3	7.5	12	19.65	9.3
N812147		5.37	<0.005	0.10	6.66	5.6	1620	1.45	0.06	3.03	0.12	36.2	7.4	11	17.90	7.8
N812148		1.75	<0.005	0.06	6.80	10.6	1600	1.63	0.09	2.24	0.08	32.1	6.0	10	18.85	5.2
N812149		0.77	<0.005	0.12	7.24	9.2	1690	1.75	0.08	2.36	0.09	35.1	7.2	11	22.6	9.5
N812150		2.73	<0.005	0.09	7.03	10.9	1290	1.49	0.11	3.35	0.10	43.7	6.6	9	17.25	11.6
N812151		4.40	<0.005	0.11	7.01	11.2	2260	1.45	0.24	3.46	0.16	47.5	7.8	10	16.15	13.6
N812152		2.69	0.017	0.30	6.72	92.7	3870	1.38	0.18	3.74	0.93	49.0	7.0	9	15.15	6.9
N812153		4.83	<0.005	0.08	7.07	54.7	640	1.74	0.14	3.49	0.37	47.2	5.2	14	23.0	19.1
N812154		0.25	0.748	10.40	6.77	1885	210	1.40	6.52	1.94	44.1	43.9	17.0	22	16.85	113.5
N812155		2.64	<0.005	0.07	6.75	51.4	1450	1.58	0.13	2.81	0.38	45.0	5.4	13	20.6	12.7
N812156		1.78	<0.005	0.47	7.31	50.5	3050	1.56	0.27	2.35	1.21	45.3	10.0	9	28.2	17.2
N812157		4.55	<0.005	0.02	0.15	<5	30	0.09	0.04	21.1	0.07	1.40	0.8	2	0.57	3.6
N812158		1.92	<0.005	0.10	6.87	19.1	2130	1.38	0.17	2.81	3.12	36.0	7.8	10	29.2	9.1
N812159		4.20	<0.005	0.29	7.07	19.0	2230	1.48	0.10	2.75	0.26	41.8	8.2	11	22.8	12.7
N812160		5.52	<0.005	0.54	7.23	20.0	2040	1.48	0.10	2.72	3.86	42.5	8.1	12	17.55	13.0
N812161		2.47	0.007	0.52	7.08	46.6	1190	1.55	0.24	2.94	2.38	40.8	7.5	12	19.60	42.2
N812162		3.39	<0.005	0.07	7.40	5.1	2140	1.37	0.05	2.87	0.10	42.2	8.2	12	13.55	10.7
N812163		0.25	0.767	10.45	6.71	1865	220	1.48	6.43	1.90	44.1	45.8	17.1	20	17.55	111.5
N812164		3.89	<0.005	0.11	7.38	4.6	2100	1.40	0.06	2.89	0.18	39.4	7.9	13	11.65	7.2
N812165		2.76	<0.005	0.07	7.40	5.1	2040	1.33	0.06	3.03	0.16	40.0	8.3	13	16.85	11.6
N812166		2.41	<0.005	0.54	7.25	12.5	1670	1.37	0.08	2.15	5.63	42.6	8.0	11	16.95	32.8
N812167		4.19	<0.005	0.10	7.39	4.4	2180	1.40	0.06	2.95	0.15	40.5	8.0	13	11.05	12.7
N812168		<0.02	<0.005	0.10	7.25	4.5	2150	1.41	0.06	2.97	0.13	38.4	7.8	13	10.95	11.0
N812169		3.62	<0.005	0.09	7.48	4.3	2210	1.47	0.06	3.02	0.17	39.5	9.0	12	15.65	12.4
N812170		5.40	<0.005	0.07	7.49	4.0	2080	1.43	0.06	2.84	0.12	42.8	8.0	14	13.15	8.8
N812171		3.96	<0.005	0.11	7.41	3.8	2030	1.34	0.06	2.84	0.30	42.4	8.0	12	10.80	12.5
N812172		2.89	<0.005	0.06	7.35	3.7	2170	1.45	0.07	2.98	0.10	44.3	8.1	13	9.09	7.4
N812173		4.05	<0.005	0.08	7.09	3.7	2060	1.36	0.05	3.07	0.11	40.6	7.9	15	9.34	6.6
N812174		5.55	<0.005	0.06	7.51	3.5	2270	1.42	0.06	2.83	0.09	43.4	8.0	14	8.65	7.7
N812175		5.63	<0.005	0.60	6.94	3.9	2000	1.40	0.09	2.89	0.10	38.4	8.3	12	12.80	9.0
N812176		5.23	<0.005	0.05	7.29	2.6	2060	1.38	0.05	2.66	0.08	46.0	8.6	14	10.10	10.3
N812177		4.39	<0.005	0.11	7.32	13.5	2080	1.29	0.05	2.77	0.24	39.3	7.8	13	11.25	9.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179928

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812142		2.97	13.70	0.11	1.3	0.029	2.68	25.1	41.8	1.01	1470	0.82	0.03	7.3	3.2	570
N812143		0.45	0.15	0.11	<0.1	<0.005	0.02	0.6	1.1	12.35	201	0.13	<0.01	0.1	2.0	170
N812144		3.08	13.65	0.11	1.2	0.026	2.73	19.7	21.8	0.92	1010	0.62	0.97	7.1	2.8	620
N812145		2.75	13.60	0.11	1.1	0.026	2.93	18.9	24.8	0.76	1540	0.59	0.56	6.6	2.5	580
N812146		2.90	14.05	0.09	1.2	0.023	2.74	18.5	38.5	0.76	1000	0.45	0.67	7.1	2.6	620
N812147		2.92	13.80	0.10	1.2	0.024	2.53	17.2	35.8	0.84	806	0.46	1.24	6.9	2.7	580
N812148		2.67	13.90	0.09	1.3	0.024	3.03	14.9	34.6	0.63	946	0.55	0.23	6.8	2.6	600
N812149		2.92	14.95	0.08	1.3	0.025	3.03	16.6	49.1	0.63	886	0.56	0.63	7.3	2.9	650
N812150		2.89	13.55	0.13	1.2	0.028	3.21	23.4	11.8	1.06	1840	0.93	0.05	6.8	2.6	570
N812151		2.89	14.05	0.12	1.2	0.031	3.23	25.3	14.8	1.07	1360	0.40	0.04	6.7	2.5	580
N812152		2.97	12.50	0.11	1.4	0.034	2.75	26.7	27.9	1.08	2820	3.31	0.03	6.5	2.7	580
N812153		2.30	17.90	0.10	3.5	0.017	1.93	22.8	165.0	0.65	500	1.26	0.08	10.0	4.7	980
N812154		5.39	14.50	0.08	1.4	0.960	2.86	22.4	26.6	0.69	2080	11.80	0.27	7.4	15.3	520
N812155		2.33	17.70	0.07	3.5	0.020	1.58	22.7	273	0.63	509	1.22	0.06	10.1	4.7	950
N812156		2.90	15.60	0.13	1.5	0.041	2.48	22.7	203	0.82	908	4.49	0.34	8.0	3.2	650
N812157		0.47	0.36	0.07	<0.1	<0.005	0.06	0.7	2.5	12.60	221	0.11	0.01	0.2	2.3	180
N812158		3.04	14.05	0.11	1.4	0.031	2.50	17.2	37.9	0.75	786	0.75	1.72	7.3	3.2	630
N812159		2.90	15.50	0.12	1.5	0.027	2.53	19.5	20.7	0.78	781	0.69	2.01	7.9	2.9	610
N812160		3.11	15.15	0.11	1.3	0.062	2.56	20.4	16.7	0.79	857	0.53	1.93	7.5	2.8	650
N812161		3.03	14.00	0.09	1.2	0.037	3.03	22.3	17.0	0.90	2110	0.60	0.30	6.6	2.8	610
N812162		3.08	15.55	0.11	1.3	0.022	2.48	20.1	20.0	0.84	763	0.71	2.16	7.5	3.2	650
N812163		5.30	14.60	0.12	1.3	0.938	2.81	23.1	26.5	0.69	2040	11.35	0.26	7.2	15.6	510
N812164		2.95	15.45	0.11	1.2	0.025	2.54	19.4	11.5	0.84	717	0.64	2.19	7.2	2.8	640
N812165		3.18	15.45	0.07	1.2	0.026	2.57	20.8	18.0	0.86	816	0.80	1.97	7.4	3.1	660
N812166		3.16	15.10	0.08	1.3	0.123	2.52	20.4	49.7	0.77	1080	0.73	0.14	7.2	2.7	610
N812167		3.10	15.00	0.08	1.4	0.030	2.53	19.0	22.1	0.86	782	0.83	2.14	7.4	2.9	650
N812168		3.08	14.90	0.09	1.3	0.023	2.49	17.5	20.9	0.85	780	0.80	2.11	7.3	3.0	630
N812169		3.32	15.55	0.12	1.4	0.030	2.52	19.3	21.0	0.88	791	1.04	2.08	7.6	3.0	710
N812170		3.02	15.10	0.13	1.5	0.025	2.53	21.5	28.2	0.84	705	0.78	2.20	7.5	2.9	630
N812171		3.12	15.00	0.11	1.5	0.022	2.52	20.2	26.2	0.86	786	0.83	2.03	7.6	2.9	630
N812172		3.14	14.90	0.08	1.6	0.030	2.45	20.6	21.5	0.93	789	0.68	2.29	7.8	3.5	640
N812173		3.08	14.75	0.08	1.4	0.031	2.40	18.4	20.5	0.90	795	0.58	2.18	7.4	2.8	650
N812174		3.09	15.35	0.08	1.2	0.026	2.47	21.1	13.9	0.89	732	0.61	2.38	7.3	2.9	640
N812175		3.17	14.85	0.10	1.3	0.025	2.35	18.6	15.6	0.87	812	0.80	2.02	7.4	3.1	660
N812176		3.02	15.85	0.12	1.3	0.025	2.35	22.1	18.0	0.89	723	0.61	2.26	7.9	3.0	640
N812177		3.06	14.65	0.09	1.3	0.026	2.59	18.9	16.0	0.80	983	0.71	1.95	7.4	2.8	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179928

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812142		31.7	132.0	0.002	0.15	8.53	10.6	<1	1.7	220	0.62	<0.05	11.4	0.255	2.09	6.8
N812143		1.8	0.8	0.004	0.02	0.09	0.1	<1	0.4	51.5	<0.05	<0.05	<0.2	<0.005	0.03	0.7
N812144		19.1	101.0	0.003	0.06	5.62	10.3	1	1.8	261	0.58	<0.05	8.3	0.270	1.61	4.7
N812145		88.1	123.0	0.004	0.28	8.96	9.9	<1	1.8	201	0.54	<0.05	9.2	0.255	2.02	5.4
N812146		54.8	95.1	0.002	0.15	5.24	10.1	1	1.9	244	0.59	<0.05	9.0	0.270	1.53	3.8
N812147		20.8	96.2	0.002	0.03	4.25	9.5	<1	1.9	258	0.60	<0.05	8.0	0.252	1.55	2.3
N812148		14.4	116.5	0.003	0.09	6.23	9.3	<1	1.7	164.5	0.57	<0.05	8.3	0.257	2.14	4.9
N812149		19.8	114.5	<0.002	0.06	5.83	10.6	1	2.2	211	0.64	<0.05	8.9	0.276	1.99	4.3
N812150		34.6	134.0	0.004	0.15	7.27	10.4	<1	2.6	99.8	0.57	<0.05	10.9	0.251	2.27	9.1
N812151		17.1	142.5	0.002	0.15	4.49	10.2	<1	2.9	127.0	0.58	<0.05	11.4	0.250	2.03	5.9
N812152		34.1	135.5	0.004	0.43	10.45	9.5	<1	1.8	164.0	0.57	<0.05	11.3	0.241	1.78	7.3
N812153		31.6	55.9	0.002	0.02	9.71	4.5	<1	2.0	562	0.72	<0.05	7.1	0.297	1.09	3.1
N812154		1320	154.0	0.005	3.23	31.9	8.9	1	6.0	155.5	0.60	0.51	10.5	0.215	2.45	5.0
N812155		40.6	47.9	0.003	0.04	17.50	4.3	1	2.2	543	0.73	<0.05	6.5	0.285	0.91	2.6
N812156		54.1	89.3	0.003	0.25	17.85	10.9	1	2.6	285	0.71	<0.05	11.0	0.268	1.53	4.0
N812157		1.5	3.5	0.004	0.01	0.06	0.3	<1	0.3	47.8	<0.05	<0.05	<0.2	0.005	0.04	0.4
N812158		96.6	89.7	0.003	0.15	4.07	10.5	<1	1.8	370	0.65	<0.05	9.1	0.272	1.36	3.7
N812159		79.1	95.8	<0.002	0.08	2.24	10.7	1	2.2	409	0.73	<0.05	9.6	0.265	1.20	4.3
N812160		136.0	92.4	0.003	0.15	2.55	11.5	<1	2.3	399	0.60	<0.05	9.2	0.277	1.16	3.1
N812161		91.1	123.5	0.005	0.38	15.15	10.4	<1	2.1	173.5	0.54	<0.05	10.1	0.268	1.83	4.2
N812162		18.3	85.0	0.002	0.02	1.09	10.7	1	2.1	427	0.62	<0.05	9.3	0.273	0.97	3.3
N812163		1305	157.5	0.005	3.15	32.9	9.1	1	5.9	154.5	0.57	0.32	10.5	0.211	2.46	5.0
N812164		23.7	81.5	0.004	0.01	1.34	10.4	<1	1.8	430	0.60	<0.05	9.0	0.272	0.96	3.0
N812165		20.3	85.4	0.003	0.02	1.64	11.0	1	2.4	420	0.61	<0.05	9.4	0.278	1.04	3.5
N812166		304	82.0	<0.002	0.14	13.15	10.5	<1	2.8	171.0	0.63	<0.05	10.3	0.264	1.28	4.4
N812167		21.2	84.9	0.003	0.02	2.29	10.4	<1	2.1	420	0.66	<0.05	9.4	0.275	0.94	3.5
N812168		21.3	79.9	0.003	0.02	2.21	9.9	<1	2.0	417	0.64	<0.05	8.8	0.271	0.96	3.4
N812169		24.3	82.6	0.005	0.02	1.82	11.4	<1	2.0	429	0.68	<0.05	9.7	0.297	0.98	3.5
N812170		20.6	84.5	0.004	0.01	1.54	10.7	1	2.0	413	0.66	<0.05	10.4	0.269	0.91	3.7
N812171		25.1	82.5	0.003	0.02	1.90	10.4	1	1.9	402	0.72	<0.05	10.2	0.269	0.95	4.2
N812172		18.0	80.7	0.002	0.01	0.89	10.9	1	1.7	433	0.76	<0.05	10.7	0.272	0.95	4.4
N812173		20.0	74.2	0.004	0.01	1.16	10.4	<1	1.8	432	0.63	<0.05	8.8	0.274	0.89	3.1
N812174		17.3	82.2	0.003	0.01	1.28	10.8	<1	1.7	450	0.58	<0.05	9.4	0.273	0.89	3.5
N812175		18.0	79.1	0.005	0.02	1.82	10.8	<1	1.9	393	0.61	<0.05	9.4	0.278	1.01	3.0
N812176		17.1	83.1	0.005	<0.01	0.86	11.6	1	2.1	411	0.63	<0.05	10.0	0.269	0.89	3.3
N812177		24.8	89.5	0.004	0.10	2.08	10.4	1	2.1	405	0.63	<0.05	9.4	0.273	1.11	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179928

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812142		72	1.5	14.9	78	30.9
N812143		2	0.1	0.7	15	<0.5
N812144		81	1.0	14.9	77	27.5
N812145		72	1.4	12.5	81	28.2
N812146		76	1.3	11.9	104	30.8
N812147		72	1.0	11.5	69	28.9
N812148		72	1.2	10.0	55	33.4
N812149		80	1.2	11.6	62	30.0
N812150		71	1.5	14.1	52	30.6
N812151		75	1.1	15.6	72	30.2
N812152		64	1.5	14.8	126	37.6
N812153		48	1.2	7.2	127	117.5
N812154		60	4.8	11.3	3140	38.7
N812155		46	1.3	7.2	138	121.5
N812156		78	2.5	14.7	127	37.3
N812157		4	0.1	0.8	15	<0.5
N812158		81	2.0	13.4	249	30.5
N812159		76	1.0	14.6	91	35.1
N812160		80	0.5	15.5	340	31.2
N812161		80	1.8	14.3	229	27.7
N812162		79	0.4	16.0	61	29.1
N812163		58	4.7	11.3	3070	39.9
N812164		78	0.4	14.7	71	30.7
N812165		83	0.9	15.0	68	31.2
N812166		75	2.1	14.0	511	29.2
N812167		80	1.2	14.9	69	31.2
N812168		79	1.1	14.4	68	30.6
N812169		94	3.9	15.8	78	34.1
N812170		80	1.6	16.1	69	34.4
N812171		79	1.1	16.5	82	35.6
N812172		81	1.0	16.9	63	35.0
N812173		80	0.7	15.2	64	32.2
N812174		78	0.5	15.2	61	29.5
N812175		83	3.4	14.5	62	28.3
N812176		79	0.4	16.7	61	32.5
N812177		78	0.7	15.2	70	29.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12179928

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12179929

Project: Klaza - 95

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
EXTRA-01	Extra Sample received in Shipment
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

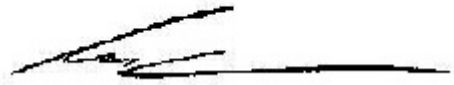
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179929

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811236		2.38	<0.005	0.16	7.78	10.1	2130	1.39	0.22	1.85	0.15	48.5	6.1	11	9.99	16.9
N811237		3.40	0.014	1.25	6.88	33.3	4050	1.44	0.39	3.96	9.64	50.3	6.3	9	18.95	23.0
N811238		2.28	<0.005	0.09	7.70	6.8	2050	1.57	0.10	2.35	0.11	48.7	6.3	11	13.70	6.9
N811239		6.15	<0.005	0.19	7.46	7.3	2030	1.50	0.36	2.60	0.26	44.6	5.4	13	10.30	7.3
N811240		2.65	0.035	1.18	7.14	20.9	1650	1.59	0.97	2.43	2.36	41.4	6.6	10	25.5	25.7
N811241		5.96	<0.005	0.19	7.26	13.9	1950	1.51	0.34	2.49	0.27	39.0	6.1	10	21.1	12.2
N811242		0.25	2.33	26.5	6.05	3490	730	1.41	20.8	2.20	82.2	47.4	11.1	19	14.65	442
N811243		2.10	<0.005	0.24	7.62	14.8	1990	1.45	0.34	1.62	0.11	46.9	11.2	10	12.85	4.5
N811244		2.64	0.005	0.32	6.73	21.0	2440	1.49	0.34	2.00	0.14	43.6	6.1	8	21.1	3.3
N811245		2.45	0.014	0.77	7.11	40.4	1180	1.40	0.61	2.61	1.91	41.7	6.6	9	13.00	14.9
N811246		2.76	<0.005	0.02	0.06	<5	20	0.06	0.03	21.0	0.07	0.96	0.5	1	0.13	1.3
N811247		3.84	0.006	0.23	7.25	28.6	2260	1.51	0.17	1.95	0.22	43.8	7.0	9	18.20	6.2
N811248		3.57	0.014	0.44	7.29	29.0	2310	1.63	0.60	2.32	1.04	47.3	8.7	10	21.9	10.0
N811249		3.80	<0.005	0.09	7.92	9.9	2070	1.39	0.16	2.02	0.15	48.0	6.0	11	11.05	6.5
N811250		1.55	<0.005	0.11	7.75	10.3	2120	1.54	0.15	2.23	0.21	50.0	6.7	11	10.75	7.6
N811251		5.16	<0.005	0.07	7.85	4.9	2170	1.66	0.13	2.53	0.10	48.1	7.5	12	9.22	11.2
N811252		2.59	0.043	1.35	7.38	53.9	2030	1.73	1.07	2.34	8.95	63.3	8.1	9	13.75	27.5
N811253		3.00	<0.005	0.08	7.75	5.2	2130	1.63	0.17	2.60	0.11	48.7	6.8	13	9.44	6.5
N811254		2.52	0.072	7.31	6.83	73.2	1290	1.50	1.59	2.60	30.6	54.4	9.7	8	13.30	36.6
N811255		4.66	0.005	0.13	7.91	15.8	1870	1.45	0.25	2.05	0.19	52.6	6.6	11	10.90	7.9
N811256		2.33	1.380	0.74	6.82	37.8	1780	1.33	12.60	2.08	0.22	54.0	14.1	9	18.20	8.2
N811257		6.16	<0.005	0.10	7.78	7.9	2230	1.77	0.33	2.63	0.10	50.3	7.2	11	10.90	15.0
N811258		7.75	<0.005	0.09	7.93	6.7	2130	1.70	0.16	2.80	0.12	43.3	6.9	11	8.71	6.6
N811259		6.90	<0.005	0.05	7.66	5.0	2160	1.64	0.14	2.46	0.10	49.4	7.1	13	5.44	7.4
N811260		2.36	<0.005	0.11	7.75	5.2	2190	1.66	0.16	2.65	0.11	44.6	7.2	10	8.12	8.0
N811261		2.41	0.009	0.60	7.70	15.0	2280	1.61	0.38	1.87	0.50	48.4	6.5	10	11.55	22.2
N811262		4.69	0.050	8.36	6.77	64.8	1770	1.41	3.28	2.78	24.9	44.3	7.5	11	10.80	472
N811263		2.20	0.011	0.17	7.54	11.2	2090	1.59	0.15	2.61	0.20	43.9	7.4	11	10.25	12.7
N811264		3.07	0.092	4.94	7.02	113.0	1450	1.60	0.28	2.23	30.7	46.7	6.7	9	19.15	45.8
N811265		4.14	0.005	0.17	7.71	12.7	2070	1.48	0.23	2.07	0.28	49.6	8.3	11	17.05	28.7
N811266		7.47	<0.005	0.08	7.66	6.5	2150	1.53	0.15	2.53	0.14	47.9	7.5	11	11.50	11.1
N811267		<0.02	<0.005	0.07	7.38	6.6	2100	1.52	0.18	2.45	0.09	48.0	6.8	11	10.45	7.9
N811268		5.38	<0.005	0.14	7.72	7.2	2170	1.50	0.21	2.53	0.71	47.7	6.6	12	9.21	8.3
N811269		4.00	0.012	0.50	7.23	23.6	1510	1.39	0.61	2.77	0.29	35.4	9.6	11	11.15	12.7
N813918		0.25	0.765	9.32	6.78	1835	210	1.46	5.88	1.89	41.2	47.1	16.2	21	17.40	107.5
N811271		2.78	<0.005	0.03	0.06	<5	20	0.06	0.04	20.4	0.08	1.12	0.6	<1	0.12	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811236		2.97	14.70	0.10	1.2	0.054	2.82	25.1	18.7	0.67	599	2.39	1.60	7.5	3.3	620
N811237		3.48	12.85	0.13	1.0	0.141	2.56	28.0	31.7	1.44	1740	1.73	0.06	6.4	3.6	510
N811238		2.79	15.15	0.13	1.2	0.043	2.60	22.7	19.7	0.62	554	2.76	1.57	7.9	3.0	620
N811239		2.88	14.20	0.14	1.0	0.063	2.22	20.3	13.4	0.59	696	1.42	1.83	7.3	3.0	590
N811240		3.05	14.15	0.10	1.1	0.101	2.39	18.9	21.5	0.73	892	1.69	1.09	7.2	2.9	560
N811241		2.80	13.95	0.10	1.1	0.054	2.43	17.5	23.3	0.52	726	1.05	1.18	7.1	2.7	580
N811242		6.75	13.20	0.13	0.9	1.670	2.57	25.8	24.5	0.89	1880	12.55	0.04	5.7	16.4	450
N811243		3.15	15.15	0.13	1.1	0.057	2.36	23.7	23.3	0.63	612	0.69	1.35	7.5	3.3	590
N811244		2.60	14.20	0.12	1.0	0.075	2.36	22.9	69.4	0.62	845	1.18	0.04	7.1	3.1	540
N811245		3.18	13.60	0.09	1.0	0.078	2.44	20.3	43.9	0.79	1280	1.76	0.06	7.2	3.3	590
N811246		0.46	0.15	0.09	<0.1	<0.005	0.02	0.5	1.0	12.50	216	0.17	<0.01	0.1	1.8	160
N811247		2.63	14.90	0.12	1.1	0.049	2.51	21.4	43.9	0.66	804	2.14	0.04	7.5	3.5	570
N811248		3.34	13.90	0.09	1.0	0.083	2.59	24.9	18.8	0.86	1040	2.14	0.03	7.1	3.8	580
N811249		3.08	14.90	0.09	1.2	0.049	2.79	24.0	18.4	0.55	652	1.13	1.30	8.0	3.0	640
N811250		2.97	15.60	0.10	1.2	0.051	2.76	23.3	19.7	0.56	674	1.19	1.26	8.0	3.1	620
N811251		3.03	15.10	0.13	1.2	0.034	2.70	23.4	17.6	0.84	591	0.77	2.13	8.2	3.2	610
N811252		3.29	15.05	0.15	1.2	0.190	3.11	32.0	16.2	0.70	1680	1.04	0.24	7.9	3.3	580
N811253		2.98	15.65	0.12	1.3	0.040	2.78	22.7	11.3	0.77	535	0.69	2.35	8.0	3.4	610
N811254		4.07	12.95	0.13	1.3	0.411	2.85	29.0	17.6	0.72	3410	1.52	0.13	6.8	3.0	470
N811255		2.92	14.90	0.10	1.3	0.044	2.63	25.1	17.6	0.58	660	7.72	1.24	8.0	3.4	630
N811256		2.63	14.45	0.11	1.3	0.068	2.49	27.2	26.3	0.49	567	34.4	0.15	7.4	5.5	570
N811257		2.90	15.55	0.12	1.2	0.052	2.61	22.9	16.8	0.79	539	1.41	2.34	8.2	3.5	610
N811258		3.04	15.40	0.13	1.3	0.047	2.59	20.8	12.8	0.82	646	1.31	2.33	8.2	3.3	630
N811259		2.92	14.50	0.09	1.2	0.038	2.60	22.3	13.3	0.87	543	0.85	2.37	7.8	3.5	600
N811260		2.95	15.15	0.10	1.3	0.039	2.72	21.1	11.4	0.80	567	0.69	2.38	8.0	3.3	610
N811261		2.93	14.75	0.12	1.3	0.056	2.97	23.4	15.2	0.58	1180	0.89	0.90	7.4	3.1	600
N811262		3.43	12.35	0.10	1.1	0.218	2.88	23.6	11.7	0.83	1800	1.52	0.66	6.3	3.5	510
N811263		2.74	14.20	0.10	1.3	0.052	2.85	20.5	12.4	0.66	736	1.16	1.93	7.3	3.0	590
N811264		3.06	13.80	0.12	1.2	0.108	2.76	23.4	42.0	0.80	1560	1.52	0.19	6.6	3.1	540
N811265		2.98	15.50	0.11	1.3	0.056	2.76	23.5	23.7	0.68	589	2.13	1.11	8.2	3.0	640
N811266		2.93	15.10	0.11	1.3	0.047	2.60	21.4	16.2	0.78	563	2.52	2.30	8.1	3.3	610
N811267		2.83	13.75	0.11	1.3	0.043	2.55	21.8	14.8	0.75	542	2.24	2.22	7.4	3.2	590
N811268		2.96	14.70	0.11	1.2	0.050	2.67	23.5	13.4	0.76	632	9.35	2.33	7.6	3.1	620
N811269		3.58	14.00	0.11	1.2	0.112	2.23	16.9	18.1	0.75	1460	1.75	1.71	7.3	3.3	580
N813918		5.31	13.10	0.10	1.4	0.844	2.78	23.2	24.3	0.68	1980	10.90	0.26	6.9	15.7	500
N811271		0.44	0.16	0.06	<0.1	0.006	0.02	0.5	1.0	12.15	193	3.49	0.01	0.1	1.8	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811236		18.2	108.5	0.004	0.09	5.96	9.5	<1	1.9	270	0.63	<0.05	13.1	0.253	1.18	4.4
N811237		319	125.5	0.004	0.52	8.23	9.4	1	2.8	123.0	0.51	<0.05	13.7	0.216	1.74	6.2
N811238		16.6	97.0	0.004	0.02	4.71	9.9	<1	2.0	281	0.64	<0.05	12.2	0.251	1.07	3.2
N811239		74.0	79.3	0.005	0.04	3.33	9.3	1	2.1	289	0.62	0.08	11.2	0.244	1.00	3.4
N811240		361	87.4	0.005	0.22	8.49	8.8	<1	2.0	200	0.60	<0.05	9.8	0.234	1.33	2.8
N811241		23.5	80.6	0.003	0.13	6.86	8.8	1	2.4	217	0.60	0.10	10.0	0.240	1.12	2.8
N811242		2790	168.0	0.005	4.84	88.8	8.1	1	7.6	92.7	0.43	0.41	10.8	0.171	2.16	5.4
N811243		14.4	106.5	0.005	0.09	5.74	10.4	1	2.1	186.5	0.60	0.07	13.3	0.247	1.29	4.4
N811244		12.6	107.0	0.003	0.11	15.75	9.9	1	2.2	88.2	0.54	0.07	12.0	0.224	1.60	3.6
N811245		184.5	94.0	0.002	0.44	11.60	9.4	1	1.9	142.5	0.58	<0.05	10.9	0.237	1.60	3.9
N811246		1.3	0.9	0.004	0.01	<0.05	0.1	<1	0.2	39.4	<0.05	<0.05	0.3	<0.005	<0.02	0.5
N811247		10.9	90.0	0.005	0.19	10.15	9.5	1	1.8	106.0	0.64	<0.05	12.1	0.237	1.90	3.5
N811248		33.3	101.5	0.004	0.41	8.74	9.7	<1	2.0	81.2	0.61	0.08	12.2	0.242	2.19	3.9
N811249		15.5	110.0	0.004	0.07	7.08	10.7	<1	1.8	216	0.68	<0.05	13.4	0.264	1.25	4.5
N811250		16.5	109.0	0.004	0.09	7.22	10.9	1	1.9	230	0.63	<0.05	12.9	0.256	1.23	3.9
N811251		16.8	101.5	0.003	0.02	1.34	10.1	1	1.7	370	0.70	<0.05	13.6	0.256	1.00	4.3
N811252		254	150.5	0.003	0.73	9.87	10.2	1	2.2	92.1	0.64	0.06	14.7	0.241	2.20	5.2
N811253		16.1	102.0	0.004	0.02	1.66	10.2	1	1.8	384	0.69	<0.05	12.4	0.255	1.11	3.8
N811254		1200	147.0	0.004	1.33	12.15	8.2	1	4.0	83.9	0.79	0.07	19.2	0.196	2.31	5.9
N811255		18.7	101.0	0.007	0.08	7.83	9.9	1	2.3	233	0.69	0.05	13.2	0.258	1.27	3.7
N811256		16.9	101.0	0.012	0.23	11.70	9.1	1	3.1	81.8	0.70	8.34	11.4	0.229	1.56	3.7
N811257		15.7	100.5	0.004	0.03	1.86	10.2	1	2.0	399	0.66	0.08	12.1	0.252	1.05	3.2
N811258		17.2	101.5	0.004	0.04	1.28	10.3	1	1.7	384	0.64	<0.05	11.6	0.267	0.98	3.9
N811259		16.0	101.0	0.003	0.01	0.79	9.9	1	1.5	397	0.63	<0.05	11.6	0.251	0.94	4.1
N811260		18.5	99.5	0.005	0.04	1.04	9.8	1	1.6	384	0.68	<0.05	11.8	0.256	0.99	4.0
N811261		70.3	125.5	0.005	0.23	8.48	10.1	1	2.1	183.5	0.65	0.05	13.1	0.244	1.55	4.0
N811262		1700	140.0	0.004	1.32	11.20	8.7	1	1.8	164.5	0.56	0.13	12.5	0.209	2.00	4.4
N811263		23.6	109.0	0.004	0.18	1.93	9.2	1	2.2	324	0.65	<0.05	11.4	0.241	1.17	3.6
N811264		1525	130.0	0.006	0.56	13.10	9.0	1	2.3	85.2	0.57	<0.05	12.4	0.216	1.98	7.5
N811265		28.4	116.5	0.005	0.09	6.51	10.5	<1	3.6	211	0.68	<0.05	12.7	0.260	1.23	3.5
N811266		18.0	98.4	0.006	0.02	1.39	10.2	1	2.3	384	0.65	<0.05	10.9	0.257	0.94	3.4
N811267		15.7	92.1	0.004	0.03	1.35	9.5	1	1.8	367	0.63	<0.05	12.3	0.246	0.95	3.6
N811268		40.0	100.5	0.004	0.06	1.36	9.9	1	2.0	382	0.60	0.06	11.8	0.253	1.03	3.7
N811269		51.8	109.5	0.004	0.73	3.12	9.6	1	2.2	237	0.60	0.13	11.2	0.232	1.46	4.1
N813918		1350	156.0	0.005	3.12	30.2	8.3	<1	5.2	144.5	0.59	0.24	12.1	0.199	2.32	5.5
N811271		1.9	1.0	0.005	0.02	<0.05	0.2	<1	0.2	46.1	<0.05	<0.05	0.3	<0.005	<0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179929

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811236		71	2.2	16.2	47	25.7
N811237		62	3.4	14.1	676	21.8
N811238		69	2.8	16.5	41	28.2
N811239		68	1.8	14.6	57	22.7
N811240		66	1.8	13.0	193	23.7
N811241		68	1.6	12.7	65	23.2
N811242		57	4.7	10.3	5390	23.2
N811243		70	2.1	13.7	54	27.1
N811244		65	2.2	14.3	52	22.8
N811245		68	2.6	14.9	250	22.3
N811246		2	0.1	0.7	13	<0.5
N811247		67	2.2	13.9	61	24.6
N811248		70	4.9	14.1	117	22.8
N811249		77	2.0	16.4	48	26.4
N811250		73	2.0	16.4	47	29.8
N811251		72	0.9	17.9	41	26.5
N811252		69	2.7	13.4	690	27.4
N811253		72	1.2	16.8	41	30.5
N811254		57	3.5	11.9	2700	25.3
N811255		74	1.9	16.1	53	28.4
N811256		68	2.4	13.5	64	25.9
N811257		72	3.3	17.0	37	28.7
N811258		76	0.7	16.6	41	28.4
N811259		72	0.7	17.3	37	26.2
N811260		71	0.6	16.7	37	28.5
N811261		72	2.1	15.9	79	27.5
N811262		60	1.2	14.4	2130	24.4
N811263		68	0.8	14.7	54	28.7
N811264		63	2.7	13.9	1840	25.3
N811265		74	2.1	16.2	57	29.5
N811266		72	0.7	17.2	42	28.5
N811267		71	0.7	15.7	38	28.2
N811268		72	0.8	16.1	74	26.7
N811269		66	1.5	12.1	68	25.6
N813918		59	4.8	11.1	3030	36.9
N811271		2	0.1	0.8	16	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12179929

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12180270

Project: Klaza - 93

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

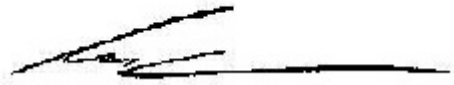
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12180270

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813848		4.40	0.008	0.29	7.38	18.2	1710	1.88	0.55	2.03	0.27	43.8	6.1	10	18.50	81.5
N813849		4.42	<0.005	0.27	7.18	15.9	1910	1.38	0.73	1.81	0.57	51.4	11.6	9	15.40	16.7
N813850		5.03	0.013	0.40	7.28	43.0	1280	1.51	0.90	2.46	2.63	38.9	9.7	9	10.20	30.0
N813851		2.48	<0.005	0.29	7.07	16.4	2060	1.54	0.56	2.05	0.88	44.0	9.4	10	11.60	9.4
N813852		2.47	0.011	0.54	6.41	28.3	1730	1.52	0.63	1.76	1.21	26.3	6.8	8	13.30	76.9
N813853		1.16	0.009	0.57	6.99	30.3	1620	1.53	0.55	2.04	1.37	33.7	6.7	8	13.95	96.5
N813854		3.89	0.009	0.36	6.85	23.3	1880	1.35	0.59	1.83	3.07	40.7	11.8	8	14.05	33.0
N813855		7.06	<0.005	0.23	7.23	22.5	2310	1.31	0.64	1.79	0.91	38.5	9.3	17	19.65	32.4
N813856		0.25	2.21	27.3	5.88	3550	610	1.47	20.6	2.22	83.8	45.4	12.0	18	14.95	444
N813857		2.41	0.050	0.36	6.93	57.7	1070	1.45	0.64	3.71	0.83	52.4	6.7	8	19.05	7.9
N813858		3.62	0.050	0.57	7.10	53.0	1170	1.61	1.00	2.45	1.73	53.6	8.6	9	16.80	11.9
N813859		3.27	0.399	4.73	5.58	2080	120	1.07	8.84	1.83	4.23	20.4	7.8	9	5.34	90.5
N813860		4.24	<0.005	0.04	0.09	<5	20	0.10	0.07	20.4	0.08	1.10	0.8	2	0.26	4.1
N813861		2.93	0.021	0.84	7.44	63.7	870	1.74	1.19	1.84	5.49	58.2	6.4	9	17.50	28.7
N813862		4.99	0.006	0.34	7.21	17.5	1890	1.56	0.58	2.08	1.44	42.8	5.7	10	14.70	22.0
N813863		2.72	0.011	0.48	7.25	27.3	1140	1.56	1.26	2.12	1.24	46.2	26.9	7	19.70	7.9
N813864		7.32	0.053	0.55	7.55	42.3	1860	1.46	1.14	2.06	0.42	41.4	8.9	10	14.45	20.2
N813865		2.84	0.166	0.96	7.07	176.0	360	1.55	2.19	2.04	0.58	61.9	17.9	18	19.25	23.8
N813866		0.26	2.36	25.1	5.83	3450	470	1.32	20.4	2.19	79.4	43.2	11.3	17	14.15	432
N813867		2.47	0.037	0.84	7.24	37.4	1850	1.48	1.27	1.99	5.43	50.7	10.0	21	15.75	19.3
N813868		6.93	0.112	1.21	7.65	60.0	1540	1.51	1.61	1.66	9.42	51.4	21.4	9	12.05	16.7
N813869		2.23	0.094	1.33	6.87	94.4	520	1.58	1.98	1.36	3.01	88.3	59.7	7	21.5	25.4
N813870		4.73	<0.005	0.03	0.09	<5	30	0.07	0.04	21.0	0.08	1.47	0.8	1	0.28	2.1
N813871		5.96	0.113	0.88	7.36	150.5	1720	1.44	0.73	1.97	0.45	53.0	8.9	11	17.45	81.4
N813872		5.94	0.100	1.39	7.21	94.1	840	1.34	2.20	2.61	2.14	35.5	14.9	143	11.95	50.5
N813873		2.22	0.348	15.80	6.52	158.5	290	1.30	33.0	2.08	7.65	34.0	8.8	52	9.13	44.8
N813874		6.02	0.123	1.30	7.58	121.5	870	1.71	1.69	2.82	7.84	43.0	10.2	72	16.50	43.5
N813875		5.94	<0.005	0.09	7.06	20.5	1810	2.13	0.21	2.89	0.36	61.0	5.1	12	22.8	4.3
N813876		7.43	0.066	1.27	6.23	128.0	1200	1.59	1.34	2.75	6.37	37.2	13.7	107	21.2	33.6
N813877		8.57	0.118	2.28	5.81	180.5	730	1.45	2.73	3.00	11.15	26.8	12.8	94	9.84	71.2
N813878		3.44	0.879	5.40	6.55	513	280	1.61	7.76	1.68	5.06	39.8	10.6	15	12.35	149.5
N813879		6.59	0.132	0.79	7.61	114.5	1390	1.68	1.58	2.09	1.79	54.3	11.8	9	14.90	21.5
N813880		<0.02	0.144	0.74	7.22	112.0	1300	1.64	1.38	1.97	1.75	53.0	11.5	9	15.30	22.6
N813881		5.81	0.018	0.40	6.89	21.3	2440	1.44	0.73	1.81	1.81	42.1	8.4	8	12.80	43.7
N813882		5.41	0.012	0.78	6.94	24.4	1660	1.76	1.42	2.66	1.69	44.9	9.1	7	16.85	9.8
N813883		5.82	0.009	0.52	6.89	27.3	1300	1.59	1.23	2.69	1.19	46.1	11.5	9	12.40	9.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12180270

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813848		2.89	17.45	0.08	1.1	0.123	2.50	23.7	43.4	0.61	467	1.38	1.97	7.8	2.9	560
N813849		2.84	16.00	0.09	1.0	0.105	2.57	28.7	32.1	0.51	485	1.18	0.83	7.2	2.8	610
N813850		2.97	16.15	0.11	0.9	0.294	2.65	20.5	17.4	0.62	544	0.66	1.78	6.4	2.6	540
N813851		2.25	15.90	0.10	1.0	0.247	2.84	22.9	47.2	0.61	456	1.33	1.09	6.9	3.0	540
N813852		2.47	16.55	0.09	1.0	0.127	2.74	11.9	81.3	0.38	496	1.40	0.18	7.5	2.5	550
N813853		2.59	16.30	0.09	1.1	0.138	2.68	15.4	86.4	0.49	588	1.97	0.18	7.7	2.4	570
N813854		2.65	15.85	0.10	1.0	0.175	2.66	21.1	25.5	0.64	374	2.47	0.69	7.1	2.8	520
N813855		2.88	17.25	0.10	1.2	0.133	2.14	19.1	70.0	0.47	649	0.91	0.06	8.7	2.8	610
N813856		6.56	15.40	0.12	0.9	1.760	2.74	23.8	27.6	0.91	1840	12.85	0.04	5.8	15.8	430
N813857		2.91	14.75	0.09	1.0	0.134	2.53	31.8	51.3	1.16	1040	0.75	0.07	6.8	2.4	540
N813858		3.49	16.70	0.12	1.0	0.291	2.68	30.2	15.4	0.81	943	0.77	1.21	7.6	2.9	570
N813859		4.38	13.40	0.07	0.8	0.315	2.71	9.9	18.0	0.71	2810	1.45	0.04	5.2	2.3	400
N813860		0.47	0.27	0.06	<0.1	0.009	0.04	0.5	1.4	12.30	213	0.14	0.01	0.2	2.1	160
N813861		3.92	17.80	0.11	1.0	0.296	2.49	32.9	49.6	0.81	1300	0.94	0.04	7.9	2.6	560
N813862		2.69	16.30	0.13	1.0	0.119	2.62	23.5	25.8	0.63	455	1.50	1.30	7.4	2.7	560
N813863		2.70	17.25	0.09	1.1	0.274	2.40	26.3	30.3	0.67	690	4.01	0.07	7.7	2.9	570
N813864		2.74	17.55	0.09	0.9	0.153	2.77	21.9	35.8	0.59	465	0.59	0.36	7.7	3.1	630
N813865		2.91	16.55	0.12	1.6	0.202	2.99	35.0	11.6	0.74	555	1.02	0.06	7.7	8.2	700
N813866		6.48	14.40	0.10	0.9	1.655	2.68	21.9	25.9	0.90	1820	12.25	0.04	5.3	15.0	440
N813867		2.74	17.30	0.14	1.8	0.347	2.63	27.1	52.6	0.70	722	0.99	0.08	8.5	7.1	740
N813868		2.61	17.65	0.14	1.0	0.466	3.01	29.0	28.3	0.63	675	1.95	0.06	7.7	2.7	620
N813869		3.84	16.30	0.15	0.9	0.179	2.71	55.4	41.0	0.65	1230	4.59	0.04	7.3	4.1	530
N813870		0.47	0.25	0.07	<0.1	0.006	0.03	0.8	1.3	12.55	210	0.12	<0.01	0.1	1.7	180
N813871		2.94	17.10	0.14	1.0	0.197	2.96	30.5	38.4	0.75	682	0.98	0.18	7.7	3.2	560
N813872		5.71	15.90	0.10	1.7	0.219	2.59	19.1	40.3	2.09	1830	0.92	0.26	5.6	44.3	610
N813873		6.46	14.75	0.11	1.7	0.301	2.81	16.8	43.9	1.39	1870	0.45	0.03	5.1	18.5	590
N813874		4.66	17.35	0.11	1.8	0.609	3.10	23.1	37.1	1.49	1450	1.37	0.09	6.2	23.8	660
N813875		2.43	18.50	0.12	2.6	0.032	2.23	32.3	79.2	0.92	655	1.56	0.42	11.2	4.3	850
N813876		4.01	14.60	0.11	1.4	0.440	2.53	21.0	27.4	1.17	1250	2.09	0.05	5.4	32.6	540
N813877		4.79	14.65	0.14	1.5	0.415	2.66	13.1	27.1	1.35	1590	2.28	0.05	5.1	30.4	560
N813878		5.75	14.20	0.10	0.7	0.627	3.15	20.8	9.7	0.94	962	2.53	0.04	5.2	6.4	510
N813879		3.09	16.15	0.11	0.9	0.368	2.71	30.8	37.0	0.87	772	1.49	0.04	6.5	2.7	590
N813880		2.84	15.85	0.11	0.9	0.355	2.65	31.5	36.8	0.82	721	1.46	0.04	6.6	2.6	550
N813881		2.69	16.25	0.09	0.9	0.209	2.62	22.4	68.2	0.64	596	1.15	0.06	7.6	2.8	570
N813882		2.57	15.65	0.12	0.9	0.312	2.83	24.1	27.3	0.78	562	0.80	0.05	7.1	2.4	530
N813883		2.82	16.00	0.09	0.9	0.360	2.64	24.0	24.7	0.70	571	0.69	0.84	6.9	2.6	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12180270

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813848		22.3	119.0	<0.002	0.36	7.24	11.0	<1	3.8	281	0.67	0.10	13.2	0.250	1.68	3.6
N813849		50.3	101.5	<0.002	0.61	12.90	10.3	1	3.0	209	0.63	0.19	12.3	0.255	1.53	3.1
N813850		146.0	125.0	<0.002	1.22	3.76	9.9	1	3.9	260	0.56	0.18	13.1	0.232	2.08	3.9
N813851		52.1	132.5	<0.002	0.72	6.47	10.6	1	3.1	202	0.59	0.11	13.7	0.238	2.27	3.3
N813852		48.8	99.4	<0.002	0.71	35.1	9.8	1	3.3	120.5	0.66	0.11	9.9	0.243	1.93	2.5
N813853		40.5	95.2	0.002	0.70	39.2	10.5	1	3.6	114.5	0.71	0.10	12.0	0.260	1.91	2.2
N813854		135.0	120.5	<0.002	0.95	8.89	9.9	1	3.2	124.0	0.62	0.14	13.4	0.235	1.99	3.6
N813855		38.1	76.2	<0.002	0.43	28.1	11.5	1	3.9	149.5	0.74	0.07	12.7	0.277	1.43	2.5
N813856		2710	167.0	0.002	4.84	92.3	8.9	<1	8.3	93.1	0.46	0.41	10.8	0.187	2.62	5.3
N813857		35.7	137.0	<0.002	0.64	8.98	10.2	1	2.9	126.5	0.61	0.07	13.6	0.242	2.54	5.2
N813858		52.6	138.5	<0.002	0.90	4.76	11.0	1	4.6	157.0	0.65	0.15	12.5	0.253	2.61	6.7
N813859		77.0	129.5	<0.002	3.66	41.0	8.2	1	6.9	31.8	0.49	0.87	9.6	0.186	2.25	5.7
N813860		1.5	2.1	<0.002	0.02	0.20	0.3	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.03	0.7
N813861		109.0	142.5	<0.002	1.07	19.10	11.5	1	4.9	103.0	0.65	0.11	15.1	0.249	2.50	4.6
N813862		93.1	101.0	<0.002	0.37	7.00	9.9	<1	3.4	249	0.68	0.07	13.0	0.249	1.70	4.2
N813863		55.8	106.0	0.003	1.22	10.15	11.2	1	4.0	90.2	0.71	0.45	12.9	0.254	1.98	3.3
N813864		36.6	103.5	<0.002	0.82	11.00	11.2	<1	3.7	129.5	0.60	0.21	10.8	0.280	1.73	3.2
N813865		54.6	141.0	<0.002	1.73	13.70	11.5	1	4.0	60.6	0.62	0.22	13.9	0.275	2.48	6.0
N813866		2660	159.0	0.002	4.77	88.7	8.4	<1	7.9	87.9	0.44	0.35	11.0	0.183	2.68	5.3
N813867		46.2	106.0	<0.002	0.66	19.15	11.9	1	4.3	128.5	0.72	0.13	13.0	0.294	1.84	4.1
N813868		227	143.0	<0.002	1.19	10.20	10.2	1	5.2	73.5	0.61	0.18	12.8	0.265	2.51	3.6
N813869		143.0	166.5	0.002	1.79	27.4	10.9	1	6.4	82.1	0.57	0.22	12.4	0.239	2.72	6.2
N813870		2.0	2.0	<0.002	0.02	0.19	0.3	<1	0.3	42.7	<0.05	<0.05	0.2	<0.005	0.02	0.5
N813871		25.7	136.0	0.002	0.66	17.55	11.3	1	3.7	127.5	0.67	0.13	14.3	0.251	2.20	5.3
N813872		107.5	154.0	<0.002	0.98	5.82	13.6	<1	2.2	134.5	0.48	0.12	8.8	0.256	2.49	4.2
N813873		874	184.5	<0.002	2.62	4.61	8.4	<1	2.6	96.4	0.48	0.14	9.0	0.190	2.61	4.3
N813874		114.5	204	<0.002	1.10	7.91	11.0	<1	2.1	149.5	0.53	0.08	10.7	0.229	2.76	4.9
N813875		19.9	71.3	<0.002	0.04	14.20	6.1	<1	1.5	372	0.76	<0.05	9.2	0.257	1.46	5.0
N813876		334	153.0	<0.002	1.38	12.90	12.3	1	2.3	133.0	0.44	0.09	8.3	0.228	2.20	4.9
N813877		231	80.2	<0.002	1.37	14.55	9.4	<1	2.9	102.0	0.43	<0.05	6.0	0.226	2.56	4.1
N813878		301	205	<0.002	3.82	39.9	8.7	1	7.0	42.4	0.44	0.17	10.2	0.208	3.04	4.9
N813879		69.1	140.0	<0.002	1.15	13.65	10.1	<1	4.4	56.8	0.55	0.20	13.3	0.235	2.49	3.1
N813880		69.1	149.5	<0.002	1.04	13.80	10.4	<1	4.3	58.2	0.54	0.21	13.5	0.234	2.33	3.0
N813881		39.6	100.5	<0.002	0.62	17.80	10.3	1	3.6	136.5	0.61	0.10	11.3	0.250	1.88	3.1
N813882		94.2	126.0	<0.002	1.11	6.55	10.5	1	3.6	97.7	0.61	0.38	13.2	0.234	2.29	4.1
N813883		77.2	111.5	<0.002	1.34	4.70	10.9	1	3.8	145.5	0.62	0.26	12.7	0.236	2.01	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12180270

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813848		64	1.7	16.1	55	27.3
N813849		69	3.9	14.5	73	25.0
N813850		65	1.4	13.0	233	21.9
N813851		64	1.6	13.8	89	23.1
N813852		68	3.4	11.2	107	25.3
N813853		72	3.2	13.3	119	25.3
N813854		65	1.6	14.3	238	23.7
N813855		73	6.0	14.3	104	30.7
N813856		58	5.5	10.6	5430	25.8
N813857		63	4.1	15.1	114	23.2
N813858		66	2.7	14.7	197	25.3
N813859		56	8.0	5.8	372	18.4
N813860		3	0.1	0.7	14	<0.5
N813861		67	4.4	15.1	489	25.7
N813862		65	1.7	13.7	117	25.2
N813863		70	1.9	15.1	133	26.8
N813864		77	2.0	13.8	65	23.2
N813865		79	2.3	14.4	75	46.4
N813866		56	5.5	10.2	5290	24.4
N813867		80	5.5	14.8	361	54.0
N813868		70	3.1	14.1	637	25.7
N813869		62	4.9	14.7	280	23.7
N813870		3	0.1	0.8	14	<0.5
N813871		69	2.4	16.0	67	25.7
N813872		102	4.6	10.2	293	50.5
N813873		69	5.0	7.5	726	42.8
N813874		82	3.6	10.2	680	56.4
N813875		51	1.5	12.2	86	83.5
N813876		84	4.0	11.2	548	51.9
N813877		84	4.6	8.7	922	43.5
N813878		57	4.8	10.5	428	18.5
N813879		69	2.4	12.9	159	23.1
N813880		69	2.2	12.9	154	22.5
N813881		68	4.4	13.1	164	23.0
N813882		59	2.0	16.0	145	21.5
N813883		66	1.9	14.4	111	20.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12180270

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE WH12180699

Project: Klaza - 105

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

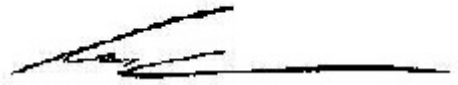
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12180699

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814475		3.75	<0.005	0.24	7.43	12.5	2120	1.58	0.14	3.11	0.18	54.2	8.1	13	10.95	8.8
N814476		5.18	<0.005	0.15	7.26	6.2	2270	1.54	0.34	2.98	0.29	54.6	9.2	11	9.01	15.8
N814477		3.31	<0.005	0.21	7.08	9.7	1690	1.57	0.85	2.85	0.13	49.8	6.4	9	13.25	3.7
N814478		4.52	<0.005	0.15	7.35	5.3	2090	1.48	0.46	3.17	0.17	57.8	5.7	9	8.31	8.1
N814479		2.59	<0.005	0.35	7.19	5.1	2300	1.20	0.56	3.65	0.23	46.4	7.1	10	6.80	42.5
N814480		<0.02	<0.005	0.28	7.40	5.4	2310	1.17	0.44	3.59	0.18	51.2	6.9	10	7.36	44.5
N814481		4.34	<0.005	0.11	7.40	4.7	2320	1.57	0.21	2.59	0.15	50.8	5.5	10	7.15	10.6
N814482		5.89	<0.005	0.30	7.28	12.4	2310	1.47	0.71	3.65	0.06	54.6	8.9	8	11.60	37.9
N814483		3.49	<0.005	0.26	7.73	13.6	2010	1.43	0.59	3.05	0.06	54.1	16.9	9	5.29	37.8
N814484		3.03	<0.005	0.11	7.20	7.2	1950	1.40	0.21	2.50	0.09	56.1	9.3	10	5.44	12.7
N814485		0.30	0.725	10.00	6.89	1875	1180	1.42	5.99	2.04	43.7	52.0	16.9	21	16.55	112.0
N814486		7.31	<0.005	0.12	7.26	5.5	2290	1.38	0.10	2.76	0.09	52.0	7.6	11	6.59	4.6
N814487		4.74	<0.005	0.06	7.45	6.0	2330	1.46	0.34	2.77	0.09	59.1	6.9	11	7.24	2.3
N814488		2.36	<0.005	0.09	7.27	10.6	1580	1.37	0.42	3.08	0.06	53.5	6.8	10	11.85	2.0
N814489		4.34	<0.005	0.06	7.18	6.8	1530	1.46	0.45	2.93	0.09	51.5	8.0	11	7.75	1.6
N814490		3.46	<0.005	0.05	7.43	5.6	2490	1.52	0.19	2.94	0.08	50.5	8.0	10	6.37	2.3
N814491		1.83	<0.005	0.05	7.16	5.7	2410	1.34	0.20	2.80	0.08	53.9	8.4	11	6.51	2.8
N814492		8.26	<0.005	0.20	7.25	8.1	2300	1.39	0.19	2.83	0.11	51.9	10.2	11	6.15	62.4
N814493		4.69	<0.005	0.05	7.28	6.3	2100	1.40	0.33	3.15	0.09	53.8	5.8	10	6.25	4.7
N814494		1.16	<0.005	0.09	7.11	6.7	1850	1.70	0.41	3.08	0.05	57.5	5.6	10	7.17	4.1
N814495		4.46	<0.005	0.08	6.96	4.1	2160	1.31	0.14	2.53	0.06	54.8	5.8	10	7.01	8.8
N814496		3.24	<0.005	0.07	7.26	10.4	2360	1.28	0.47	2.54	0.06	56.2	5.0	10	10.95	7.0
N814497		0.30	0.818	9.53	6.56	1745	1180	1.42	5.53	1.92	41.6	49.5	16.3	20	16.00	106.0
N814498		7.60	<0.005	0.18	7.58	9.0	2220	1.50	0.14	2.56	0.14	54.8	7.4	12	7.81	7.8
N814499		2.37	<0.005	0.16	6.71	12.5	1860	1.41	0.13	3.14	0.16	44.3	7.0	9	11.45	7.9
N814500		3.66	<0.005	0.10	6.75	5.7	2070	1.64	0.10	2.98	0.10	41.5	8.7	10	14.45	9.8
N814501		3.15	0.006	0.32	6.18	25.6	1340	1.36	0.35	4.45	0.26	45.7	14.2	10	18.60	7.2
N814502		2.77	<0.005	0.02	0.06	<5	20	0.05	0.02	21.2	0.07	1.17	1.7	<1	0.37	1.8
N814503		7.40	<0.005	0.09	7.20	4.5	2060	1.49	0.13	2.85	0.07	43.2	7.8	10	9.61	5.9
N814504		3.02	<0.005	0.10	6.79	6.6	2000	1.57	0.31	2.54	0.06	45.3	10.0	10	6.66	6.3
N814505		3.80	<0.005	0.09	6.79	6.7	2020	1.66	0.49	2.34	0.06	43.5	7.8	9	7.19	2.6
N814506		3.15	0.019	0.30	4.32	23.2	2370	0.80	0.87	1.09	0.10	33.7	11.0	12	6.95	27.8
N814507		1.85	<0.005	0.01	0.08	<5	30	0.07	0.04	20.3	0.05	1.40	1.6	<1	0.26	2.8
N814508		2.99	0.096	0.54	6.98	37.2	2680	1.37	2.46	2.02	0.24	46.2	22.3	10	11.25	51.6
N814509		3.49	<0.005	0.10	7.00	6.1	2270	1.52	0.17	2.77	0.08	41.5	8.1	9	11.50	6.3
N814510		5.49	<0.005	0.16	7.59	7.8	2120	1.67	0.24	2.05	0.09	48.3	6.2	9	16.50	12.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12180699

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814475		3.28	16.15	0.18	1.3	0.045	2.75	23.0	14.1	0.90	1120	0.65	2.22	8.3	2.8	620
N814476		3.23	17.10	0.16	1.1	0.067	2.69	23.8	14.4	0.88	757	0.56	2.42	8.7	2.9	670
N814477		3.57	16.45	0.15	0.9	0.197	2.07	21.8	15.6	0.88	787	0.54	2.04	7.9	4.1	640
N814478		3.27	15.95	0.18	1.0	0.079	2.46	26.6	16.6	0.88	763	0.34	2.18	8.1	2.7	640
N814479		3.43	15.35	0.17	1.0	0.064	2.65	19.4	24.4	0.79	861	0.40	1.62	7.5	2.8	670
N814480		3.41	16.05	0.18	1.0	0.068	2.62	22.5	26.0	0.83	834	0.36	1.61	8.0	2.8	680
N814481		3.31	15.70	0.16	1.1	0.058	2.57	22.8	11.5	0.81	618	0.38	2.44	7.4	2.6	640
N814482		3.53	14.75	0.18	0.9	0.260	2.74	27.2	13.9	0.77	1050	1.01	0.83	7.1	2.6	720
N814483		3.83	15.75	0.20	1.0	0.115	2.46	25.8	11.1	0.89	858	0.33	2.26	7.3	2.7	760
N814484		3.35	15.65	0.21	1.1	0.068	2.59	26.2	10.1	0.91	712	0.30	2.53	7.2	2.7	620
N814485		5.47	15.10	0.19	1.3	0.878	3.04	23.9	24.8	0.75	2070	12.25	0.29	7.2	14.4	530
N814486		3.24	16.40	0.16	1.2	0.053	2.46	23.0	13.1	0.96	693	0.38	2.52	8.1	3.4	650
N814487		3.20	16.30	0.17	1.0	0.079	1.83	27.1	13.0	0.97	665	0.27	2.79	7.8	2.8	630
N814488		3.24	16.35	0.20	1.0	0.106	2.07	23.6	13.2	0.92	708	0.26	2.38	8.2	3.1	640
N814489		3.28	15.80	0.15	1.0	0.071	1.47	22.6	11.8	1.02	709	0.22	3.00	7.6	2.8	640
N814490		3.21	15.95	0.18	1.2	0.040	1.86	22.6	13.6	0.99	734	0.29	2.79	7.7	2.7	640
N814491		3.04	15.70	0.16	1.1	0.046	1.78	24.3	13.4	0.98	697	0.30	2.70	7.5	3.4	620
N814492		3.27	16.30	0.19	1.1	0.061	2.21	24.8	14.9	0.95	602	0.38	2.61	7.8	3.0	650
N814493		3.07	15.85	0.17	1.0	0.067	1.67	23.7	11.8	0.92	652	0.26	2.62	7.3	2.6	630
N814494		3.33	16.20	0.19	1.1	0.100	1.63	25.3	12.5	0.91	638	0.32	2.47	8.2	2.9	630
N814495		3.03	15.40	0.17	1.0	0.063	2.28	25.3	11.2	0.83	534	0.33	2.31	7.5	2.6	600
N814496		3.82	17.20	0.17	0.9	0.234	2.43	26.2	19.0	0.90	672	0.28	1.81	7.3	2.7	600
N814497		5.18	14.60	0.18	1.3	0.822	2.88	23.2	24.7	0.71	1950	11.85	0.27	7.1	14.1	490
N814498		3.32	16.65	0.19	1.1	0.079	2.66	25.0	17.0	0.95	581	0.35	2.50	7.9	2.6	660
N814499		3.43	15.75	0.16	1.1	0.063	2.80	19.1	16.1	1.01	767	0.71	1.80	7.6	2.9	650
N814500		3.38	18.95	0.13	1.2	0.058	2.62	19.3	14.6	0.89	759	0.42	2.10	10.0	2.7	720
N814501		3.25	15.80	0.12	0.9	0.086	2.40	24.2	84.3	1.41	1390	0.37	0.10	7.6	2.4	530
N814502		0.50	0.39	0.35	<0.1	0.006	0.03	0.6	1.0	12.90	219	<0.05	0.01	0.3	0.7	160
N814503		3.37	17.85	0.14	1.0	0.086	2.44	21.5	14.2	0.92	671	0.31	2.43	9.2	2.8	690
N814504		3.41	16.90	0.17	0.9	0.137	2.15	22.4	10.6	0.86	622	0.23	2.40	9.0	2.9	610
N814505		4.09	16.75	0.16	0.9	0.208	1.99	22.1	14.7	0.75	770	0.16	1.92	8.5	2.8	570
N814506		3.32	10.65	0.11	0.4	0.217	1.82	18.9	15.3	0.53	783	0.07	0.09	4.9	2.3	360
N814507		0.49	0.45	0.36	<0.1	0.008	0.03	0.7	1.1	12.30	233	<0.05	0.01	0.4	0.9	150
N814508		3.90	16.25	0.15	1.0	0.158	3.07	24.0	14.0	0.77	783	0.32	1.01	8.7	2.8	610
N814509		3.16	16.75	0.16	1.0	0.070	2.81	20.7	13.8	0.80	578	0.29	1.97	8.9	2.8	640
N814510		3.24	16.95	0.17	1.0	0.087	2.91	25.5	18.5	0.74	473	0.39	1.87	9.3	2.8	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12180699

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814475		18.9	115.0	<0.002	0.08	2.33	11.6	<1	1.6	396	0.70	<0.05	13.9	0.283	1.16	5.7
N814476		19.4	102.5	<0.002	0.02	1.81	11.7	1	1.6	406	0.68	<0.05	12.5	0.290	1.07	3.9
N814477		17.9	94.6	<0.002	0.08	3.93	11.7	1	1.8	289	0.60	<0.05	12.2	0.273	1.10	10.1
N814478		18.8	103.5	0.002	0.01	2.89	13.1	1	1.6	371	0.63	0.08	13.9	0.287	1.15	3.8
N814479		21.8	80.9	<0.002	0.02	3.18	9.7	1	1.4	284	0.61	0.11	11.1	0.295	1.06	2.3
N814480		18.7	93.7	<0.002	0.02	3.39	10.7	1	1.6	283	0.61	0.09	12.2	0.298	1.11	2.5
N814481		15.3	96.9	<0.002	0.01	1.95	10.9	1	1.5	414	0.60	<0.05	12.6	0.278	1.12	2.9
N814482		4.9	151.5	<0.002	0.16	2.36	11.5	<1	1.6	138.5	0.56	0.05	13.7	0.270	1.69	8.2
N814483		10.6	107.5	<0.002	0.07	1.72	10.6	<1	1.6	279	0.60	<0.05	14.7	0.267	1.28	4.3
N814484		15.3	102.0	<0.002	0.05	1.54	10.8	1	1.4	360	0.59	<0.05	13.9	0.261	1.06	3.7
N814485		1470	178.5	0.002	3.31	32.8	9.0	1	5.9	158.0	0.61	0.23	13.4	0.224	2.70	5.4
N814486		16.3	84.7	<0.002	0.01	1.20	11.3	1	1.5	446	0.65	<0.05	12.8	0.282	0.98	3.7
N814487		14.1	70.5	<0.002	0.01	2.16	11.0	1	1.6	491	0.62	<0.05	13.9	0.278	0.78	4.0
N814488		10.1	98.9	<0.002	0.12	3.21	12.1	1	1.6	275	0.64	<0.05	12.5	0.283	1.16	4.0
N814489		14.4	57.5	<0.002	0.02	2.54	11.0	1	1.7	481	0.58	<0.05	12.4	0.276	0.77	3.3
N814490		13.1	61.5	<0.002	0.01	1.30	10.8	1	1.4	513	0.62	<0.05	14.1	0.281	0.73	3.6
N814491		12.7	64.2	<0.002	0.01	1.25	10.5	1	1.5	501	0.63	<0.05	13.0	0.272	0.73	3.3
N814492		14.7	78.7	<0.002	0.03	1.37	10.8	1	1.8	500	0.61	<0.05	13.3	0.275	0.92	3.4
N814493		12.7	70.1	<0.002	0.02	1.76	10.8	<1	1.8	507	0.58	<0.05	13.1	0.279	0.83	3.6
N814494		12.4	80.6	<0.002	0.03	2.08	11.3	1	2.3	486	0.63	<0.05	14.2	0.278	0.95	3.6
N814495		12.2	103.5	0.002	0.02	1.40	10.7	1	1.8	387	0.59	<0.05	14.0	0.263	0.95	3.4
N814496		11.3	116.5	<0.002	0.09	4.50	11.1	1	3.1	286	0.58	<0.05	13.1	0.263	1.35	4.7
N814497		1390	174.0	0.003	3.14	31.7	8.7	1	5.8	150.0	0.60	0.27	13.4	0.210	2.57	5.4
N814498		16.3	107.5	<0.002	0.02	2.07	11.7	1	2.5	486	0.63	<0.05	13.5	0.281	1.17	3.4
N814499		15.0	100.5	<0.002	0.06	3.05	10.6	<1	1.5	366	0.64	<0.05	11.2	0.284	1.45	3.8
N814500		14.9	89.2	<0.002	0.02	2.43	14.1	2	2.0	402	0.74	<0.05	9.5	0.316	1.18	3.1
N814501		13.6	98.8	<0.002	0.38	9.96	10.5	2	1.9	186.5	0.60	<0.05	11.3	0.237	1.67	4.6
N814502		1.4	2.0	<0.002	0.01	0.13	0.5	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N814503		13.4	85.2	<0.002	0.03	2.13	12.5	2	1.9	392	0.65	<0.05	10.6	0.290	1.01	3.0
N814504		12.6	77.3	<0.002	0.04	2.01	11.7	2	2.6	365	0.69	<0.05	11.0	0.267	1.00	3.1
N814505		9.9	82.9	<0.002	0.05	3.51	11.4	1	2.8	319	0.63	<0.05	10.5	0.258	1.14	3.3
N814506		11.9	80.4	<0.002	0.63	10.85	7.1	1	2.7	70.0	0.37	0.08	7.9	0.150	0.93	1.9
N814507		1.2	1.9	<0.002	<0.01	0.07	0.4	1	<0.2	38.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814508		21.1	125.0	<0.002	0.89	13.30	11.9	2	3.0	203	0.70	0.17	12.5	0.257	1.47	3.9
N814509		14.0	93.5	<0.002	0.07	3.63	11.5	2	1.8	348	0.67	<0.05	10.6	0.276	1.15	2.7
N814510		15.1	116.5	<0.002	0.08	5.84	12.2	2	1.9	322	0.76	<0.05	13.8	0.283	1.28	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12180699

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814475		77	0.9	16.7	69	26.7	<1
N814476		82	1.0	16.4	73	25.8	<1
N814477		79	2.5	14.1	69	21.2	<1
N814478		83	1.6	16.8	64	23.2	<1
N814479		80	2.5	13.9	83	22.7	<1
N814480		81	2.5	14.8	72	24.2	<1
N814481		79	1.4	13.6	57	23.6	<1
N814482		80	2.9	12.9	51	19.8	<1
N814483		75	2.2	13.6	61	22.4	<1
N814484		74	1.7	14.7	64	25.7	<1
N814485		61	5.2	11.0	3180	36.5	10
N814486		79	0.8	15.6	56	25.2	<1
N814487		77	1.4	15.0	52	21.9	<1
N814488		78	1.9	14.5	48	22.2	<1
N814489		77	1.4	15.0	54	21.7	<1
N814490		80	0.9	14.7	52	26.0	<1
N814491		77	0.9	14.8	50	22.4	<1
N814492		79	1.1	15.1	47	25.0	<1
N814493		77	1.7	15.0	48	23.7	<1
N814494		79	1.9	15.5	52	24.7	<1
N814495		73	1.0	14.7	46	24.0	<1
N814496		80	2.6	15.7	57	21.4	<1
N814497		57	5.1	10.2	2980	35.1	9
N814498		80	1.2	15.7	52	24.0	<1
N814499		85	2.2	13.7	53	22.7	<1
N814500		101	1.6	17.6	55	27.7	<1
N814501		65	3.0	15.3	70	22.3	<1
N814502		3	0.1	0.8	16	<0.5	<1
N814503		85	1.0	16.9	55	25.2	<1
N814504		75	1.4	16.0	51	23.5	<1
N814505		71	2.0	13.7	54	21.1	<1
N814506		46	4.0	9.5	42	10.6	1
N814507		2	0.1	0.9	14	<0.5	<1
N814508		70	3.7	14.2	67	24.0	<1
N814509		77	1.5	15.5	54	23.8	<1
N814510		77	2.0	15.2	56	25.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 105

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12180699

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

CERTIFICATE WH12181680

Project: Klaza - 105

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

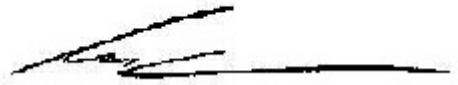
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181680

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814511		2.78	0.093	0.54	6.80	49.1	1830	1.44	5.47	3.44	0.47	51.6	6.7	9	20.7	60.4
N814512		3.04	0.069	1.02	5.87	70.9	2490	1.38	1.51	3.40	0.55	44.2	8.9	8	16.95	57.9
N814513		2.65	0.091	0.54	7.09	67.7	1740	1.45	4.28	2.52	0.41	45.3	10.4	9	23.0	78.4
N814514		5.54	<0.005	0.05	7.24	11.0	1850	1.53	0.50	2.43	0.12	45.2	7.1	10	28.2	15.6
N814515		2.89	0.008	0.17	6.82	28.4	1600	1.63	0.33	2.73	0.40	44.0	13.2	10	20.9	15.0
N814516		0.28	4.39	>100	5.33	8110	1180	1.21	58.4	1.91	220	40.9	9.0	17	12.05	1215
N814517		4.08	<0.005	0.14	6.96	10.2	1760	1.71	0.31	2.85	0.26	45.3	7.3	10	19.85	27.0
N814518		2.42	0.005	0.56	6.81	27.8	2270	1.51	0.67	2.83	0.48	50.3	8.2	8	18.00	42.0
N814519		6.41	0.005	0.31	6.83	48.0	1830	1.73	0.16	2.69	1.18	46.8	7.0	10	23.7	10.4
N814520		2.87	0.540	50.0	6.43	2850	910	1.36	30.6	1.47	37.4	47.8	11.4	9	10.40	383
N814521		5.31	0.025	0.96	6.87	390	1170	2.07	0.37	2.24	0.81	58.0	7.3	17	23.5	25.8
N814522		2.59	0.094	4.35	7.16	93.7	1020	1.73	4.50	1.71	8.98	48.2	8.9	9	16.90	75.2
N814523		2.81	<0.005	0.14	7.14	14.9	950	2.03	0.15	2.13	0.52	67.0	4.7	11	34.6	9.6
N814524		1.59	<0.005	0.08	7.02	12.2	700	2.09	0.13	2.31	0.46	66.5	4.6	11	34.7	8.7
N814525		8.00	0.036	0.57	6.93	19.2	1360	1.97	0.71	2.66	1.71	63.4	5.5	11	22.3	15.4
N814526		3.14	<0.005	0.21	6.83	9.9	2070	1.39	0.19	2.84	0.42	62.3	5.1	12	4.82	5.2
N814527		4.57	1.620	>100	2.62	3690	180	0.67	69.6	2.04	92.0	24.0	114.0	8	4.67	2820
N814528		3.07	<0.005	0.35	0.08	10	30	0.06	0.13	21.3	0.15	1.25	1.1	<1	0.23	5.0
N814529		3.89	<0.005	0.28	7.34	8.7	2080	1.53	0.17	2.40	0.15	49.8	8.8	8	11.20	9.4
N814530		2.19	0.026	1.54	6.78	61.1	1710	1.53	0.80	2.87	1.26	46.6	7.7	9	13.15	28.0
N814531		2.12	<0.005	0.03	0.08	7	30	0.07	0.04	21.5	0.07	1.34	1.1	<1	0.22	2.9
N814532		5.04	<0.005	0.13	7.45	4.5	2210	1.63	0.15	2.88	0.12	51.3	8.1	12	8.06	9.7
N814533		2.07	0.044	0.73	7.75	111.5	1880	1.53	0.86	2.57	0.36	60.1	8.3	10	7.75	43.3
N814534		2.61	0.035	0.63	7.60	46.4	1920	1.36	0.75	2.74	2.13	51.8	8.5	13	6.62	34.6
N814535		3.49	<0.005	0.10	7.45	3.7	2240	1.70	0.31	2.62	0.10	51.3	7.4	12	6.45	13.1
N814536		0.28	0.751	9.76	6.52	1550	1070	1.49	6.70	1.89	43.6	44.1	16.6	19	16.20	107.0
N814537		3.80	<0.005	0.17	7.31	6.1	1750	1.67	0.25	2.71	0.17	50.1	6.5	12	6.39	6.9
N814538		5.76	<0.005	0.09	7.48	3.3	2270	1.54	0.12	2.70	0.11	45.8	8.1	14	5.48	6.0
N814539		4.28	<0.005	0.09	7.58	3.4	2090	1.68	0.18	2.80	0.10	53.4	7.7	14	5.14	7.2
N814540		<0.02	<0.005	0.09	7.45	3.4	2100	1.60	0.17	2.74	0.10	47.7	8.0	15	4.83	7.6
N814541		5.22	0.006	0.32	7.00	8.3	1980	1.73	0.38	3.14	0.15	46.2	7.5	11	8.59	37.4
N814542		8.11	<0.005	0.08	7.42	3.2	2260	1.74	0.17	3.06	0.09	51.3	8.2	14	6.54	6.6
N814543		7.04	<0.005	0.10	7.43	3.5	2290	1.71	0.15	2.58	0.09	51.5	8.2	11	7.79	7.1
N814544		2.77	<0.005	0.11	7.57	3.8	2370	1.74	0.17	2.64	0.11	52.0	7.9	133	6.89	12.9
N814545		4.58	<0.005	0.12	7.18	4.5	2220	1.60	0.21	2.61	0.10	44.8	5.6	11	8.61	12.1
N814546		6.13	<0.005	0.14	7.65	10.8	2670	1.37	0.30	1.68	0.13	45.4	4.7	11	11.40	11.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181680

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814511		3.47	14.05	0.09	1.1	0.118	2.56	31.1	28.5	1.12	1200	0.75	0.07	7.4	2.4	530
N814512		3.43	12.50	0.09	0.9	0.136	2.26	23.6	38.3	1.09	1140	0.94	0.04	6.2	2.7	450
N814513		3.54	14.95	0.09	1.0	0.105	2.01	24.9	62.8	0.82	1170	0.44	0.07	7.8	2.6	600
N814514		3.09	16.75	0.10	1.2	0.057	2.43	23.9	65.8	0.65	573	0.40	0.76	8.6	2.8	630
N814515		3.23	16.05	0.10	1.1	0.116	2.64	23.3	19.6	0.79	1180	0.37	1.30	8.5	3.2	610
N814516		8.04	12.40	0.13	1.1	5.10	2.23	21.1	31.3	0.62	2990	15.90	0.08	5.7	14.3	440
N814517		3.09	16.30	0.09	1.1	0.126	2.34	21.2	28.2	0.69	609	0.40	1.55	8.5	3.0	630
N814518		4.18	15.15	0.10	1.0	0.319	2.64	28.4	39.7	0.85	3200	0.73	0.23	7.4	2.8	580
N814519		2.96	15.60	0.10	1.4	0.085	2.72	22.2	11.9	0.54	817	0.43	1.60	8.1	2.7	570
N814520		5.71	14.15	0.12	1.2	1.105	2.78	25.3	7.9	0.59	1240	7.82	0.06	6.8	3.3	510
N814521		2.53	17.70	0.10	3.4	0.044	2.85	32.1	19.2	0.79	897	1.95	0.04	10.4	6.6	1010
N814522		3.58	16.40	0.10	1.4	0.217	1.80	25.7	37.9	0.71	1140	1.69	0.03	8.5	3.7	630
N814523		2.40	17.65	0.11	2.6	0.028	2.57	37.0	22.6	0.88	605	0.94	0.06	11.9	2.7	850
N814524		2.53	17.75	0.12	2.6	0.027	2.53	36.3	24.7	0.90	669	1.10	0.06	12.0	2.9	860
N814525		2.38	18.40	0.11	2.7	0.069	1.91	34.4	139.0	0.81	848	1.89	0.07	12.2	3.2	860
N814526		2.40	17.95	0.10	2.5	0.034	0.40	32.8	162.5	1.01	683	1.51	0.03	11.6	2.8	850
N814527		14.65	7.20	0.24	0.4	1.840	0.94	12.7	21.3	0.54	900	4.12	0.01	3.0	3.4	220
N814528		0.53	0.28	<0.05	<0.1	0.007	0.02	0.6	1.4	12.85	201	0.13	<0.01	0.3	2.2	190
N814529		2.95	17.75	0.12	1.2	0.068	2.70	24.2	20.4	0.76	669	0.73	1.29	8.6	2.8	680
N814530		3.31	16.75	0.12	1.0	0.099	2.71	23.8	16.8	0.93	1170	0.74	0.86	7.6	2.6	550
N814531		0.48	0.30	0.05	<0.1	0.007	0.03	0.7	1.2	13.00	203	0.10	0.01	0.3	1.9	200
N814532		3.10	18.05	0.12	1.2	0.053	2.51	25.6	13.4	0.88	678	1.01	2.14	8.5	3.0	620
N814533		3.91	18.30	0.15	1.1	0.070	3.02	32.8	13.8	0.90	924	1.24	1.29	8.4	3.0	620
N814534		3.65	15.85	0.13	1.2	0.061	2.93	26.2	10.9	0.89	909	0.93	1.73	7.6	2.8	600
N814535		3.14	17.60	0.11	1.4	0.050	2.56	25.7	13.3	0.90	673	0.76	2.32	8.6	2.9	640
N814536		5.17	16.00	0.15	1.3	0.966	2.79	22.4	24.8	0.69	1960	12.50	0.26	7.6	15.0	510
N814537		3.18	17.70	0.13	1.1	0.092	2.43	25.8	14.8	0.89	717	0.76	2.24	8.5	2.9	600
N814538		3.10	18.30	0.12	1.3	0.048	2.61	22.8	13.9	0.90	666	0.72	2.33	8.7	2.9	620
N814539		3.15	18.20	0.13	1.3	0.080	2.58	26.9	13.3	0.90	726	0.88	2.28	8.8	3.0	620
N814540		3.17	17.95	0.13	1.4	0.078	2.59	24.1	12.9	0.89	715	0.91	2.29	8.8	3.2	620
N814541		3.11	17.85	0.12	1.4	0.113	2.65	22.1	13.0	0.86	938	12.70	1.95	8.8	2.9	590
N814542		3.13	18.30	0.12	1.3	0.053	2.58	25.2	14.5	0.87	902	1.18	2.20	8.8	3.1	600
N814543		3.14	17.85	0.12	1.3	0.050	2.66	26.4	13.7	0.88	680	1.34	2.13	8.7	3.0	610
N814544		3.26	18.55	0.13	1.1	0.074	2.72	26.4	10.5	0.88	672	1.39	2.16	8.6	22.2	630
N814545		2.89	17.45	0.13	1.0	0.077	2.62	22.7	17.3	0.64	537	0.73	1.47	8.3	2.6	590
N814546		3.22	18.50	0.11	1.0	0.096	2.60	22.7	31.3	0.40	650	0.70	0.15	8.6	2.6	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181680

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814511		18.8	127.0	<0.002	0.59	15.15	10.2	1	2.3	167.5	0.71	0.17	14.9	0.230	1.79	6.5
N814512		19.2	114.5	<0.002	1.05	30.1	8.8	1	2.8	139.0	0.61	0.17	11.6	0.192	1.64	4.9
N814513		21.8	79.3	<0.002	0.86	19.40	10.9	1	2.0	137.5	0.70	0.17	12.3	0.258	1.54	3.0
N814514		18.5	86.3	<0.002	0.07	10.60	11.6	1	1.7	245	0.74	<0.05	13.4	0.269	1.23	4.6
N814515		27.9	106.5	<0.002	0.21	4.45	11.2	1	1.9	292	0.75	<0.05	12.7	0.262	1.52	4.3
N814516		9280	135.5	0.002	6.89	207	7.4	2	9.1	126.0	0.50	0.43	9.8	0.177	2.03	5.7
N814517		20.2	88.7	<0.002	0.06	5.96	11.3	1	2.1	300	0.73	<0.05	11.6	0.268	1.31	4.3
N814518		56.6	110.5	<0.002	0.24	15.20	11.0	1	3.1	164.0	0.64	0.05	13.1	0.237	1.65	5.5
N814519		79.8	114.5	<0.002	0.35	4.88	10.5	1	1.9	319	0.77	<0.05	13.6	0.251	1.41	4.5
N814520		4080	173.5	<0.002	5.38	97.6	9.6	1	7.7	64.4	0.64	0.43	13.1	0.211	2.57	4.3
N814521		80.7	142.0	<0.002	0.85	18.80	7.1	1	4.3	200	0.82	<0.05	10.1	0.266	3.04	5.3
N814522		491	82.9	<0.002	0.99	21.3	10.7	1	11.9	158.0	0.79	0.06	13.2	0.256	1.72	4.2
N814523		41.7	92.7	<0.002	0.04	6.67	6.1	1	2.8	280	0.90	<0.05	10.6	0.246	1.76	5.1
N814524		31.5	88.2	<0.002	0.02	7.23	6.1	1	2.3	274	0.91	<0.05	10.8	0.248	1.70	5.4
N814525		80.0	61.5	<0.002	0.08	7.23	6.2	1	1.9	374	0.94	<0.05	9.9	0.245	1.34	5.4
N814526		27.0	11.7	<0.002	0.09	4.42	6.0	1	1.7	265	0.77	<0.05	9.0	0.238	0.40	6.8
N814527		>10000	58.6	0.006	>10.0	458	3.0	6	10.2	106.5	0.21	8.26	4.0	0.084	0.99	3.8
N814528		17.0	1.0	<0.002	0.06	0.62	0.2	2	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N814529		26.9	102.0	<0.002	0.08	4.18	10.6	1	1.8	273	0.68	<0.05	12.9	0.269	1.26	3.3
N814530		135.5	129.5	<0.002	0.59	5.47	10.2	1	3.5	233	0.61	0.05	11.7	0.231	1.62	5.2
N814531		2.9	1.8	<0.002	<0.01	0.07	0.2	2	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N814532		18.3	104.0	<0.002	0.03	1.24	11.9	1	1.6	403	0.68	<0.05	12.0	0.259	0.99	4.0
N814533		36.1	157.5	<0.002	0.80	2.75	12.9	1	4.4	281	0.65	<0.05	14.4	0.261	1.56	4.4
N814534		145.5	111.5	<0.002	0.51	1.80	10.7	1	2.7	311	0.65	<0.05	12.7	0.271	1.37	3.9
N814535		18.1	105.5	<0.002	0.02	1.30	12.0	1	1.6	413	0.70	<0.05	13.4	0.265	1.00	4.4
N814536		1390	165.0	0.002	3.11	35.2	9.0	2	6.2	146.0	0.61	0.29	11.5	0.208	2.47	5.1
N814537		20.4	110.0	<0.002	0.04	2.19	11.6	1	1.7	323	0.69	<0.05	13.4	0.257	1.13	4.7
N814538		18.2	100.0	<0.002	0.01	1.13	11.7	1	1.6	421	0.70	<0.05	13.0	0.264	0.94	4.4
N814539		16.5	112.0	<0.002	0.02	1.17	12.3	1	1.7	392	0.73	<0.05	14.0	0.265	1.06	4.7
N814540		16.2	106.0	<0.002	0.02	1.16	12.3	1	1.7	390	0.72	<0.05	13.7	0.267	1.06	4.8
N814541		20.9	102.0	<0.002	0.11	2.19	11.2	1	1.8	373	0.80	<0.05	13.0	0.251	1.28	4.8
N814542		17.9	99.1	<0.002	0.01	1.25	11.9	1	1.6	425	0.77	<0.05	12.9	0.261	0.97	4.8
N814543		17.1	107.0	<0.002	0.01	1.53	12.3	1	1.6	409	0.74	<0.05	13.5	0.262	1.04	4.7
N814544		18.4	109.0	<0.002	0.02	1.85	12.3	1	1.8	427	0.69	<0.05	13.3	0.270	1.14	4.1
N814545		17.1	107.0	<0.002	0.03	3.59	11.7	1	1.8	330	0.68	<0.05	11.5	0.255	1.16	4.8
N814546		18.0	100.5	<0.002	0.13	23.1	12.4	1	2.0	105.0	0.70	<0.05	12.3	0.268	1.21	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181680

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N814511		67	6.1	17.7	75	25.5	<1		
N814512		59	6.4	14.7	57	21.1	1		
N814513		73	3.4	14.3	73	23.7	<1		
N814514		79	1.7	16.2	53	27.6	<1		
N814515		76	1.6	15.8	76	24.7	<1		
N814516		52	4.6	10.4	>10000	33.8	119		1.655
N814517		78	3.5	16.4	62	26.5	<1		
N814518		72	2.5	15.1	78	24.4	<1		
N814519		70	1.7	15.2	137	34.9	1		
N814520		57	9.2	8.7	2930	33.6	51		
N814521		60	3.6	13.6	120	120.0	1		
N814522		73	4.2	14.7	605	36.3	5		
N814523		49	1.8	13.6	97	80.4	<1		
N814524		49	1.8	14.0	90	80.9	1		
N814525		49	2.2	13.0	133	82.4	1		
N814526		47	2.1	12.0	94	79.5	<1		
N814527		25	3.4	6.9	6310	15.4	286	1.990	
N814528		2	0.1	0.8	20	0.5	<1		
N814529		73	3.3	15.0	58	28.8	<1		
N814530		67	1.7	14.0	144	24.4	2		
N814531		2	0.1	0.9	15	<0.5	<1		
N814532		72	1.7	16.5	52	28.7	<1		
N814533		76	2.9	17.2	67	28.2	1		
N814534		75	6.8	15.2	255	29.5	1		
N814535		76	1.3	17.6	53	33.5	<1		
N814536		58	5.5	11.4	3070	36.9	10		
N814537		71	1.7	15.8	56	26.2	<1		
N814538		75	1.3	16.8	49	30.3	<1		
N814539		74	1.8	17.3	50	30.3	<1		
N814540		74	1.8	16.9	50	33.1	<1		
N814541		73	1.8	16.7	57	32.3	<1		
N814542		74	1.9	18.2	54	31.3	<1		
N814543		74	3.1	17.6	50	29.9	<1		
N814544		78	1.6	16.9	50	25.4	<1		
N814545		72	1.8	15.1	50	24.5	<1		
N814546		76	5.3	13.5	60	25.8	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 105

Finalized Date: 1-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12181680

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12181681

Project: Klaza - 105

P.O. No.: Batch 5

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

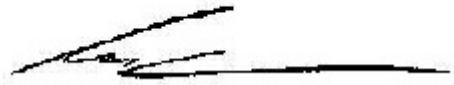
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181681

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814547		3.63	<0.005	0.26	7.40	12.0	1960	1.63	1.02	2.01	0.11	51.0	6.7	9	9.99	7.1
N814548		5.10	0.006	0.41	7.16	26.5	2460	1.66	1.28	2.04	0.21	58.0	27.3	8	9.10	2.8
N814549		7.02	<0.005	0.23	6.73	15.8	2280	1.59	0.76	2.44	0.14	46.0	11.6	8	17.60	20.2
N814550		2.17	<0.005	0.01	0.12	6	40	0.10	0.03	20.6	0.07	1.43	1.1	<1	0.31	2.5
N814551		5.29	<0.005	0.23	7.43	15.1	1720	1.69	0.57	1.92	0.15	51.8	8.9	9	8.78	43.3
N814552		4.29	<0.005	0.09	7.61	5.3	2140	1.46	0.21	2.46	0.11	45.3	5.5	10	7.47	9.6
N814553		4.09	<0.005	0.13	8.00	7.6	2160	1.32	0.26	1.39	0.15	59.8	7.9	9	8.84	52.6
N814554		6.96	<0.005	0.18	7.57	10.7	2170	1.23	1.08	1.55	0.16	47.8	13.4	10	6.31	13.7
N814555		5.29	<0.005	0.09	7.57	6.9	2090	1.32	0.39	2.06	0.09	47.3	7.5	11	6.96	3.1
N814556		<0.02	<0.005	0.09	7.43	6.9	2010	1.46	0.48	1.95	0.10	48.1	8.1	8	6.64	3.8
N814557		7.49	<0.005	0.07	7.46	4.4	2110	1.57	0.17	2.22	0.10	47.1	7.0	9	7.60	1.8
N814558		7.75	<0.005	0.06	7.59	4.6	2070	1.55	0.14	1.89	0.13	50.4	5.9	10	8.35	9.3
N814559		9.11	<0.005	0.12	7.43	6.2	2120	1.30	0.26	1.69	0.13	48.9	7.8	8	7.25	7.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181681

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814547		3.17	16.80	0.12	1.1	0.212	2.33	26.4	37.5	0.84	911	0.49	0.06	8.5	2.9	570
N814548		4.29	17.95	0.13	0.8	0.257	2.47	30.6	140.5	0.93	1160	0.97	0.08	7.8	3.6	580
N814549		3.23	15.65	0.11	0.7	0.154	2.24	23.2	59.1	1.00	848	0.44	0.06	7.5	3.0	540
N814550		0.50	0.36	<0.05	<0.1	0.011	0.04	0.7	1.7	12.40	210	1.70	0.01	0.3	2.4	190
N814551		3.89	17.70	0.13	0.9	0.183	2.25	24.9	42.7	0.74	613	0.38	1.69	8.8	2.9	630
N814552		3.29	17.95	0.11	1.0	0.098	2.74	21.6	10.1	0.85	580	0.29	2.33	8.8	2.8	630
N814553		3.30	18.95	0.13	1.0	0.108	2.95	31.0	28.0	0.93	472	0.37	0.86	9.3	3.3	650
N814554		3.29	18.00	0.11	1.0	0.113	2.61	23.5	20.0	0.78	559	0.33	1.11	8.8	2.7	650
N814555		3.43	18.10	0.12	1.0	0.110	2.59	23.0	13.3	0.87	603	0.27	1.81	8.8	2.9	610
N814556		3.33	17.75	0.12	1.0	0.112	2.50	23.5	13.6	0.85	574	0.24	1.79	8.5	2.7	580
N814557		3.12	17.60	0.12	1.1	0.086	2.46	22.7	15.7	0.84	610	0.21	2.01	8.8	2.8	600
N814558		3.34	17.60	0.12	0.9	0.084	2.82	24.6	14.5	0.85	620	0.26	1.81	8.7	2.9	610
N814559		3.42	16.95	0.14	0.9	0.094	2.76	24.5	16.8	0.82	556	0.26	1.19	8.6	2.7	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181681

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814547		8.7	115.0	<0.002	0.36	13.70	10.9	1	2.2	76.0	0.80	0.05	14.3	0.248	1.68	3.2
N814548		12.6	138.5	<0.002	0.79	8.32	11.7	1	2.1	87.7	0.60	0.14	13.2	0.244	1.90	4.1
N814549		10.0	119.5	<0.002	0.48	12.75	11.0	1	2.7	118.5	0.57	0.08	12.8	0.232	1.74	3.6
N814550		1.4	2.5	<0.002	0.02	0.08	0.3	1	<0.2	51.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
N814551		13.0	95.1	<0.002	0.21	10.95	12.2	1	2.3	266	0.67	<0.05	13.1	0.262	1.35	4.4
N814552		15.8	101.0	<0.002	0.03	2.29	11.6	1	1.8	408	0.68	<0.05	12.3	0.272	1.27	3.7
N814553		18.3	121.0	<0.002	0.07	6.66	12.0	1	12.0	186.5	0.71	<0.05	14.3	0.281	1.42	3.1
N814554		16.7	106.0	<0.002	0.13	7.47	11.9	1	3.3	212	0.70	<0.05	13.5	0.271	1.25	3.0
N814555		15.6	103.0	<0.002	0.08	2.70	12.2	1	1.7	303	0.71	<0.05	13.4	0.266	1.22	4.3
N814556		15.6	101.5	<0.002	0.08	2.68	11.8	1	1.6	294	0.66	<0.05	13.4	0.250	1.18	4.1
N814557		16.5	93.6	<0.002	0.02	3.61	12.1	1	1.6	371	0.72	<0.05	12.4	0.258	1.13	4.1
N814558		17.1	121.5	<0.002	0.03	4.04	12.4	1	2.8	297	0.65	<0.05	13.6	0.265	1.31	3.5
N814559		19.9	121.5	<0.002	0.07	5.24	12.3	1	2.6	241	0.65	<0.05	13.6	0.269	1.38	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181681

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N814547		71	3.1	14.0	58	24.4	<1
N814548		77	3.7	14.0	79	20.2	1
N814549		67	2.4	13.6	59	20.0	<1
N814550		3	0.1	0.9	17	<0.5	<1
N814551		77	1.6	16.1	63	21.6	<1
N814552		75	1.8	17.2	49	25.1	<1
N814553		78	5.4	17.9	56	25.4	<1
N814554		76	3.3	15.7	59	24.7	<1
N814555		75	1.7	16.4	52	24.9	<1
N814556		71	1.6	16.2	52	25.2	<1
N814557		73	2.0	17.3	53	27.2	<1
N814558		74	1.7	16.4	57	24.5	<1
N814559		74	2.4	15.8	55	24.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12181681

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12181682

Project: Klaza -106

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza -106

CERTIFICATE OF ANALYSIS WH12181682

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355461		3.63	0.015	0.39	7.95	74.6	1850	1.59	0.30	0.63	0.95	52.5	6.4	9	19.50	5.1
M355462		5.60	<0.005	0.16	7.77	17.5	2190	1.57	0.31	1.86	0.49	49.4	6.8	8	9.12	4.7
M355463		5.54	0.025	0.43	8.12	93.7	1870	1.50	0.22	0.65	1.11	59.4	6.5	8	26.2	8.0
M355464		4.69	<0.005	0.17	7.82	25.0	2300	1.56	0.08	1.81	0.70	49.9	6.2	8	14.70	4.7
M355465		6.51	<0.005	0.23	7.72	38.9	2200	1.49	0.33	1.66	0.44	51.3	11.2	9	11.50	8.1
M355466		<0.02	<0.005	0.21	7.90	36.9	2240	1.48	0.33	1.73	0.42	50.5	11.0	8	11.30	7.0
M355467		6.74	<0.005	0.08	7.78	14.3	2270	1.53	0.08	2.39	0.23	50.8	7.2	12	8.96	5.3
M355468		6.79	<0.005	0.08	7.68	21.9	1880	1.61	0.21	1.87	0.16	47.8	5.8	9	8.31	2.9
M355469		7.25	<0.005	0.09	7.37	12.6	2190	1.45	0.08	2.68	0.19	42.0	7.3	10	10.45	4.4
M355470		7.18	<0.005	0.06	7.16	8.2	1990	1.50	0.07	2.54	0.11	44.2	7.4	12	8.21	4.6
M355471		3.34	<0.005	0.05	7.54	9.0	2060	1.59	0.07	2.66	0.11	46.5	7.9	9	8.66	5.0
M355472		3.83	<0.005	0.11	7.23	17.1	1510	1.71	0.26	2.43	0.15	44.0	5.9	9	11.40	5.8
M355473		3.13	0.005	0.40	7.45	45.4	1930	1.59	0.67	1.80	1.39	54.9	11.4	9	14.30	8.3
M355474		5.26	<0.005	0.09	6.73	41.3	960	2.64	0.28	1.21	0.43	37.6	2.2	4	23.3	6.1
M355475		2.93	<0.005	0.04	6.65	25.4	1070	2.24	0.03	1.48	0.08	36.3	1.7	3	24.0	1.6
M355476		0.26	2.41	24.8	5.60	2250	1390	1.18	18.85	2.10	79.1	41.7	10.6	18	13.60	425
M355477		7.59	<0.005	0.04	6.51	13.9	1210	2.51	0.03	1.73	0.08	36.9	1.7	3	22.3	0.6
M355478		4.06	<0.005	0.05	6.54	29.4	780	2.86	0.11	1.56	0.06	34.7	1.6	3	27.7	<0.2
M355479		2.82	0.119	2.83	7.04	179.5	1530	2.50	2.49	2.44	12.25	42.0	9.0	9	21.1	37.6
M355480		3.80	<0.005	0.02	0.08	7	40	0.07	0.03	20.0	0.09	1.08	1.0	<1	0.23	2.4
M355481		8.30	<0.005	0.22	6.63	30.3	2160	1.51	0.33	2.73	0.49	34.9	7.2	10	14.10	5.5
M355482		2.32	0.005	0.18	6.87	16.4	1790	1.38	0.15	2.42	0.62	38.3	6.0	9	14.50	4.2
M355483		2.76	0.131	3.31	6.36	152.0	1190	1.44	1.99	2.59	9.96	37.1	8.0	7	15.65	50.7
M355484		4.69	<0.005	0.24	7.07	22.0	1560	1.40	0.13	2.29	0.33	39.3	5.2	7	19.70	5.8
M355485		2.66	0.010	0.36	7.17	28.6	1240	1.37	0.14	2.48	1.43	44.0	5.8	7	19.70	10.4
M355486		3.13	0.548	3.77	7.63	575	810	1.83	0.40	2.58	18.40	53.4	5.9	8	25.9	23.0
M355487		3.70	0.006	0.32	7.03	14.1	1090	1.82	0.16	3.10	0.53	45.1	6.2	13	28.3	7.5
M355488		6.57	<0.005	0.07	7.36	9.2	1800	1.69	0.07	2.61	0.14	54.7	5.7	9	26.4	4.0
M355489		0.26	2.32	26.4	5.84	2650	1380	1.34	18.15	2.16	80.5	42.1	10.2	18	14.45	445
M355490		6.19	<0.005	0.13	7.24	12.8	2300	1.62	0.14	2.89	0.19	53.6	7.0	20	29.8	12.3
M355491		4.97	0.033	0.59	7.33	39.4	1730	1.84	0.39	2.03	0.48	47.9	6.1	9	22.6	7.5
M355492		2.45	0.215	8.05	6.62	522	940	1.75	2.11	1.80	15.90	44.5	11.2	7	19.80	54.5
M355493		3.59	<0.005	0.03	0.11	8	30	0.07	0.02	21.1	0.10	1.32	1.1	<1	0.45	2.6
M355494		2.55	<0.005	0.13	6.88	5.3	2110	1.33	0.28	2.86	0.15	39.2	6.9	9	12.70	5.1
M355495		7.61	<0.005	0.06	7.24	4.4	2060	1.41	0.08	2.71	0.08	59.8	7.0	10	10.05	3.9
M355496		9.41	<0.005	0.05	7.56	3.6	2140	1.47	0.11	2.76	0.08	53.3	7.5	9	8.55	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza -106

CERTIFICATE OF ANALYSIS WH12181682

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355461		2.90	18.90	0.12	0.9	0.094	2.32	28.9	21.0	0.23	901	1.24	1.97	9.1	2.9	660
M355462		2.71	18.20	0.12	1.0	0.042	2.66	24.6	12.1	0.50	492	0.64	2.33	8.3	3.1	590
M355463		2.93	19.10	0.12	1.1	0.058	2.85	33.5	22.9	0.20	1020	1.29	1.60	8.7	2.9	660
M355464		3.04	18.30	0.12	0.8	0.052	2.46	26.1	14.7	0.37	520	0.75	2.20	8.7	2.9	660
M355465		3.15	18.70	0.13	0.9	0.063	2.49	25.3	17.5	0.59	714	0.76	2.10	9.0	3.2	650
M355466		3.17	19.15	0.13	0.9	0.066	2.56	25.6	17.5	0.61	707	0.74	2.16	9.0	3.2	670
M355467		3.07	18.50	0.13	0.9	0.047	2.49	24.9	14.0	0.73	642	0.73	2.38	8.7	3.4	640
M355468		2.98	18.15	0.13	0.9	0.099	2.10	23.6	14.2	0.70	547	0.52	2.51	8.9	3.2	620
M355469		2.98	18.20	0.12	0.9	0.044	2.38	19.9	17.1	0.67	592	0.61	2.21	8.6	2.9	620
M355470		2.90	17.50	0.13	1.0	0.045	2.03	20.8	15.2	0.78	571	0.58	2.40	8.7	2.9	600
M355471		3.02	18.85	0.12	1.0	0.048	2.09	22.0	15.1	0.82	585	0.56	2.56	9.1	3.0	620
M355472		3.09	18.85	0.13	1.1	0.100	1.58	20.2	13.6	0.73	587	0.61	2.93	9.3	3.3	630
M355473		3.28	18.45	0.15	1.0	0.146	2.31	27.5	15.7	0.43	700	0.98	2.13	9.6	3.1	670
M355474		1.36	18.90	0.12	2.2	0.019	3.29	18.2	47.1	0.18	493	1.24	0.18	14.1	1.1	330
M355475		1.22	20.2	0.11	2.5	0.021	3.73	16.8	21.0	0.27	381	0.33	0.28	15.8	0.9	320
M355476		6.28	15.30	0.18	0.9	1.765	2.49	21.3	22.0	0.86	1840	13.60	0.04	6.1	15.2	430
M355477		1.27	19.65	0.11	2.5	0.021	3.54	16.7	16.9	0.28	450	0.36	0.42	16.2	0.9	320
M355478		1.22	19.30	0.10	2.5	0.016	2.96	16.5	31.9	0.37	400	1.38	0.09	16.2	0.8	300
M355479		3.57	16.90	0.13	1.2	0.613	3.03	22.2	20.5	0.84	1300	2.24	0.74	8.7	3.6	550
M355480		0.45	0.27	<0.05	<0.1	0.006	0.03	0.5	1.0	12.05	194	0.13	0.01	0.3	1.9	180
M355481		2.95	16.40	0.11	1.0	0.099	2.27	17.1	13.5	0.70	686	1.47	2.14	8.2	3.1	590
M355482		2.75	15.75	0.11	1.0	0.065	2.50	19.3	24.1	0.70	705	1.10	1.22	7.9	2.8	560
M355483		3.88	14.65	0.13	0.8	0.358	2.80	20.0	23.4	0.83	1790	3.63	0.08	6.8	3.2	480
M355484		2.95	17.20	0.12	0.9	0.057	2.56	19.7	42.6	0.64	715	0.84	0.53	8.2	2.7	590
M355485		2.44	16.85	0.12	0.9	0.095	2.94	22.2	97.6	0.68	1060	0.67	0.09	8.2	3.0	590
M355486		3.69	18.30	0.14	1.4	0.211	2.99	30.2	24.3	0.99	3600	2.97	0.05	8.5	4.1	620
M355487		2.66	17.80	0.12	2.5	0.037	2.61	22.1	24.6	1.11	882	0.69	0.07	8.2	6.1	730
M355488		2.34	19.20	0.13	2.3	0.032	2.73	29.9	24.6	1.03	545	0.46	0.06	8.8	4.2	810
M355489		6.57	14.85	0.16	0.9	1.720	2.60	23.1	22.8	0.90	1840	14.50	0.04	6.1	15.8	460
M355490		2.74	19.40	0.14	2.9	0.043	2.54	28.7	33.2	1.20	683	0.50	0.07	8.3	7.3	820
M355491		3.07	17.10	0.12	1.5	0.088	2.71	26.2	22.5	0.79	1560	0.62	0.05	8.3	3.9	630
M355492		3.95	15.55	0.14	1.2	0.436	2.35	23.4	43.4	0.67	2030	2.44	0.04	7.2	3.9	590
M355493		0.49	0.37	0.05	<0.1	0.009	0.05	0.7	1.2	12.75	216	0.14	<0.01	0.3	2.4	180
M355494		2.88	16.80	0.12	1.0	0.055	2.54	19.7	13.3	0.80	661	0.90	1.85	7.6	2.8	560
M355495		2.88	16.85	0.13	1.0	0.038	2.57	33.1	11.0	0.76	567	1.38	2.20	7.7	2.9	580
M355496		3.11	17.25	0.13	1.1	0.055	2.57	29.4	13.7	0.89	675	1.17	2.18	8.8	3.0	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza -106

CERTIFICATE OF ANALYSIS WH12181682

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355461		21.0	126.0	<0.002	0.01	6.01	13.9	1	2.9	181.0	0.69	<0.05	14.7	0.267	1.50	2.3
M355462		23.0	110.0	<0.002	<0.01	1.73	11.0	1	1.7	361	0.64	<0.05	13.8	0.237	1.05	1.2
M355463		32.8	137.5	<0.002	0.01	6.28	13.3	1	2.2	182.0	0.67	<0.05	16.7	0.256	1.71	2.4
M355464		77.9	111.5	<0.002	0.01	3.01	12.5	1	1.7	342	0.68	<0.05	12.0	0.262	1.28	1.7
M355465		21.1	112.0	<0.002	0.01	2.34	13.1	1	2.4	328	0.66	<0.05	12.5	0.265	1.20	1.5
M355466		20.9	113.0	<0.002	0.01	2.27	13.2	1	2.3	342	0.65	<0.05	12.2	0.269	1.19	1.5
M355467		22.5	100.5	<0.002	0.01	1.49	12.3	1	1.9	399	0.63	<0.05	12.6	0.261	1.05	2.4
M355468		13.6	89.3	<0.002	<0.01	2.27	11.9	1	2.8	359	0.70	<0.05	13.8	0.257	0.90	2.0
M355469		15.3	90.1	<0.002	0.01	2.40	12.1	1	1.8	376	0.68	<0.05	10.2	0.258	1.05	2.3
M355470		13.5	84.6	<0.002	0.01	1.88	12.0	1	1.8	418	0.73	<0.05	12.2	0.251	0.93	3.0
M355471		13.6	90.3	<0.002	0.01	1.98	12.7	1	1.9	442	0.75	<0.05	12.4	0.257	0.95	3.2
M355472		10.7	84.9	<0.002	0.03	3.64	12.2	1	2.2	415	0.84	<0.05	12.1	0.256	1.04	3.7
M355473		97.2	124.0	<0.002	0.12	3.50	13.6	1	2.3	317	0.78	<0.05	13.7	0.272	1.43	2.5
M355474		27.1	154.0	<0.002	<0.01	2.52	3.7	1	3.5	131.5	1.44	<0.05	9.1	0.131	1.50	3.7
M355475		27.5	171.5	<0.002	0.01	1.78	3.2	1	1.9	228	1.57	<0.05	8.3	0.123	1.62	3.9
M355476		2760	159.5	<0.002	4.63	88.5	8.6	2	8.0	92.0	0.45	0.40	9.8	0.171	2.26	4.7
M355477		26.8	165.5	<0.002	0.01	1.59	3.2	1	1.8	295	1.47	<0.05	7.7	0.123	1.53	2.6
M355478		25.9	140.5	<0.002	0.02	1.87	2.9	1	2.1	269	1.46	<0.05	8.3	0.123	1.34	9.3
M355479		507	167.5	0.002	1.30	7.63	9.9	1	2.6	284	0.66	0.06	11.0	0.230	2.27	20.3
M355480		2.2	1.7	<0.002	0.01	0.05	0.2	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M355481		56.8	84.6	<0.002	0.09	2.94	9.8	1	2.8	386	0.67	<0.05	8.5	0.245	1.14	2.8
M355482		32.6	104.5	<0.002	0.09	5.31	10.0	1	2.0	277	0.63	<0.05	10.1	0.240	1.35	2.9
M355483		805	179.5	0.002	1.78	11.50	8.6	1	3.6	126.0	0.52	0.09	9.9	0.205	2.57	5.4
M355484		23.2	99.3	<0.002	0.10	6.73	10.0	1	1.7	192.0	0.57	<0.05	10.3	0.243	1.62	1.9
M355485		36.3	119.0	<0.002	0.27	12.05	10.5	1	1.6	186.0	0.59	<0.05	16.0	0.245	1.95	1.9
M355486		759	175.5	0.002	1.34	15.30	11.3	1	3.6	193.0	0.70	<0.05	13.7	0.255	2.82	7.9
M355487		24.6	104.0	<0.002	0.09	8.45	9.4	1	1.5	269	0.59	<0.05	8.6	0.283	1.63	3.7
M355488		10.7	123.5	<0.002	0.12	6.72	8.0	1	1.3	253	0.58	<0.05	9.0	0.277	1.49	3.6
M355489		2870	171.5	<0.002	4.84	98.4	8.1	2	8.4	91.1	0.48	0.41	10.4	0.178	2.41	5.0
M355490		13.5	117.0	<0.002	0.18	11.10	10.0	1	1.5	272	0.54	<0.05	8.4	0.291	1.38	3.7
M355491		29.2	137.0	<0.002	0.26	9.10	11.1	1	2.3	172.0	0.67	<0.05	13.9	0.255	2.28	3.9
M355492		360	148.0	<0.002	2.18	26.0	10.8	2	3.6	246	0.54	0.27	10.7	0.242	2.07	6.7
M355493		2.0	2.9	<0.002	0.01	0.11	0.4	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M355494		14.4	95.4	<0.002	0.03	4.24	10.1	1	1.5	351	0.56	<0.05	9.4	0.245	1.08	2.8
M355495		14.9	100.0	<0.002	0.01	1.10	10.7	1	1.4	382	0.57	<0.05	13.7	0.248	0.92	3.3
M355496		13.4	114.0	<0.002	0.01	2.02	12.0	1	1.6	380	0.66	<0.05	14.3	0.271	1.05	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza -106

CERTIFICATE OF ANALYSIS WH12181682

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355461		76	2.0	20.0	216	23.3	1
M355462		64	1.2	16.3	114	23.0	<1
M355463		73	5.4	21.2	172	26.2	<1
M355464		74	1.6	18.0	124	18.7	<1
M355465		73	1.8	17.4	143	20.7	1
M355466		74	1.7	17.2	147	20.3	<1
M355467		72	0.9	17.4	60	20.5	<1
M355468		70	1.3	15.0	56	22.0	<1
M355469		72	1.9	17.2	54	20.6	<1
M355470		68	0.7	17.5	47	21.7	<1
M355471		72	0.8	18.6	45	23.0	<1
M355472		72	1.5	17.9	56	23.2	<1
M355473		76	1.6	17.8	254	21.7	<1
M355474		18	1.4	16.6	111	52.0	<1
M355475		14	1.7	15.5	59	56.2	<1
M355476		54	4.9	9.7	5310	24.3	25
M355477		14	1.6	15.8	62	58.4	<1
M355478		14	1.9	16.2	69	56.2	<1
M355479		61	3.8	15.4	1290	27.1	3
M355480		2	0.1	0.9	17	<0.5	<1
M355481		70	1.5	15.7	94	19.9	<1
M355482		62	1.4	14.8	96	20.8	<1
M355483		57	5.1	13.2	1010	19.4	3
M355484		68	3.0	13.8	68	21.6	<1
M355485		68	3.3	15.3	171	20.6	<1
M355486		72	5.4	17.3	1500	36.2	4
M355487		72	3.1	15.2	90	75.5	<1
M355488		64	5.3	14.0	58	72.4	<1
M355489		56	5.2	11.0	5490	24.0	25
M355490		72	6.1	15.0	69	91.5	<1
M355491		71	4.9	16.2	80	40.0	1
M355492		66	5.5	12.3	1500	31.3	8
M355493		3	0.2	0.9	16	<0.5	<1
M355494		70	1.2	14.8	48	24.8	<1
M355495		70	1.7	16.9	42	24.8	<1
M355496		77	1.9	19.3	46	27.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza -106

CERTIFICATE OF ANALYSIS WH12181682

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12181683

Project: Klaza - 106

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

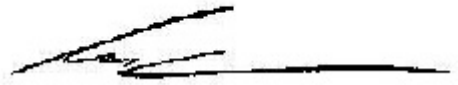
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12181683

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355497		8.24	<0.005	0.05	7.46	3.9	2160	1.57	0.08	2.73	0.08	47.3	8.0	10	7.14	5.0
M355498		6.96	<0.005	0.14	7.36	18.4	2150	1.59	0.15	2.73	0.10	45.6	7.7	11	6.16	16.3
M355499		8.00	<0.005	0.13	7.40	5.1	2170	1.47	0.18	2.68	0.08	47.8	8.0	11	6.00	20.9
M355500		2.49	0.038	5.59	7.26	205	2060	1.49	0.48	2.68	1.38	46.6	8.0	10	6.68	276
M355501		1.71	0.005	2.92	7.45	130.5	2220	1.54	0.18	2.67	0.57	44.8	7.9	9	6.80	151.0
M355502		4.69	<0.005	0.42	7.35	38.9	1960	1.56	0.50	2.69	0.20	48.0	10.2	8	6.07	8.2
M355503		7.82	<0.005	0.34	7.36	9.7	2100	1.64	0.38	2.70	0.09	44.8	8.5	12	5.90	9.9
M355504		3.17	0.036	2.50	7.18	19.8	2150	1.73	2.57	2.98	0.25	43.3	8.8	9	6.99	55.8
M355505		3.48	<0.005	0.06	7.90	2.9	2330	1.82	0.12	2.91	0.08	52.7	8.5	11	6.34	7.1
M355506		7.03	<0.005	0.09	7.68	4.9	2250	1.69	0.15	2.94	0.09	46.9	8.5	11	5.34	6.5
M355507		<0.02	<0.005	0.10	7.59	5.5	2260	1.69	0.17	2.93	0.08	44.9	8.5	13	5.31	7.6
M355508		7.36	0.007	0.54	7.38	56.0	2210	1.52	0.28	2.73	0.15	44.6	7.9	9	5.11	29.0
M355509		7.85	<0.005	0.45	7.43	14.2	2230	1.66	0.23	2.85	0.17	46.8	8.0	10	5.93	17.5
M355510		8.24	<0.005	0.21	7.32	31.1	2280	1.67	0.33	2.67	0.23	48.0	8.4	10	5.72	5.3
M355511		5.40	<0.005	0.16	7.34	11.8	2250	1.68	0.23	2.71	0.14	44.3	7.8	9	5.22	11.0
M355512		3.08	<0.005	0.89	7.44	192.0	2070	1.75	0.25	2.75	2.17	50.7	8.2	10	5.91	7.7
M355513		8.03	<0.005	0.12	7.63	6.6	2260	1.37	0.20	2.87	0.14	54.8	8.0	12	4.27	10.7
M355514		0.26	2.20	25.3	5.82	2180	1230	1.21	19.80	2.21	79.7	45.2	10.7	18	14.90	437
M355515		3.60	<0.005	0.15	7.00	6.1	2050	1.31	0.47	2.94	0.13	45.6	7.5	10	4.76	7.8
M355516		6.89	<0.005	0.42	7.28	19.7	2100	1.32	0.38	2.57	1.09	51.7	7.4	11	5.12	9.8
M355517		2.35	0.347	4.63	6.98	1180	940	1.17	0.22	3.35	29.1	53.2	7.1	7	13.85	21.6
M355518		1.91	<0.005	0.04	0.11	<5	30	0.11	0.04	20.3	0.11	1.26	1.2	<1	1.31	2.6
M355519		5.57	<0.005	0.10	7.19	5.2	2090	1.33	0.11	2.83	0.09	48.5	7.7	11	6.20	6.4
M355520		3.34	0.016	5.37	7.33	143.5	2090	1.25	0.10	2.56	0.84	51.9	6.8	11	5.29	7.1
M355521		2.53	<0.005	0.02	0.20	<5	30	0.09	0.04	20.6	0.07	1.58	1.8	<1	0.83	2.8
M355522		3.74	<0.005	0.16	7.55	6.2	2130	1.35	0.19	2.66	0.08	51.7	7.2	9	5.54	10.5
M355523		5.22	<0.005	0.17	6.94	10.7	2020	1.35	0.12	2.90	0.12	48.4	7.5	10	7.74	5.4
M355524		5.32	<0.005	0.26	7.47	10.5	1810	1.47	0.35	3.35	0.26	54.0	7.6	9	13.30	8.8
M355525		0.26	0.781	9.82	6.64	1110	540	1.30	6.52	1.91	44.0	46.2	16.8	20	17.10	111.0
M355526		4.67	<0.005	0.18	6.56	6.9	1410	1.41	0.24	3.18	0.15	42.6	6.2	8	21.3	3.3
M355527		6.22	<0.005	0.10	7.49	3.5	2130	1.53	0.22	2.73	0.09	52.9	7.1	9	9.86	4.8
M355528		4.40	<0.005	0.09	7.50	3.8	2040	1.48	0.13	2.84	0.08	50.6	7.5	10	11.75	5.4
M355529		4.12	<0.005	0.07	7.31	3.5	2020	1.43	0.13	2.46	0.07	51.1	6.6	9	12.00	5.2
M355530		6.23	<0.005	0.09	7.25	2.1	2110	1.40	0.16	2.90	0.09	45.1	6.8	9	8.49	6.5
M355531		4.06	<0.005	0.16	6.45	5.3	1810	1.25	0.31	3.78	0.08	43.7	8.4	8	23.1	6.4
M355532		2.39	<0.005	0.08	7.01	3.3	2000	1.07	0.27	2.94	0.08	47.0	6.7	8	9.72	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12181683

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355497		3.01	17.35	0.12	1.3	0.040	2.51	24.3	14.4	0.85	614	2.39	2.23	8.2	3.1	610
M355498		3.08	17.25	0.12	1.2	0.051	2.52	22.9	11.7	0.86	703	1.26	2.11	8.3	2.9	610
M355499		3.10	17.40	0.12	1.2	0.057	2.47	24.6	12.9	0.85	653	2.01	2.23	8.3	3.0	600
M355500		3.45	17.45	0.13	1.2	0.207	2.47	23.2	10.8	0.83	1220	0.84	1.95	8.4	3.1	620
M355501		3.24	17.35	0.12	1.3	0.089	2.56	23.0	13.6	0.87	1060	1.20	1.97	8.4	3.1	640
M355502		3.17	17.55	0.12	1.2	0.069	2.41	25.3	15.6	0.83	890	1.00	1.71	8.5	3.0	600
M355503		2.98	17.35	0.11	1.4	0.048	2.44	22.5	11.7	0.81	708	1.30	2.13	8.7	2.9	610
M355504		3.25	17.55	0.11	1.3	0.082	2.33	20.8	15.3	0.86	748	1.13	1.93	8.8	3.2	650
M355505		3.22	18.45	0.12	1.2	0.043	2.42	27.0	11.9	0.91	651	0.91	2.40	9.0	3.2	660
M355506		3.19	17.70	0.13	1.1	0.045	2.31	24.4	12.9	0.89	665	0.94	2.37	8.7	3.1	640
M355507		3.16	18.15	0.13	1.1	0.048	2.35	22.8	13.6	0.86	657	1.20	2.39	8.7	3.2	630
M355508		3.14	17.60	0.13	1.0	0.060	2.26	22.6	12.1	0.88	809	0.76	2.16	8.3	3.0	620
M355509		3.23	17.70	0.13	1.1	0.063	2.11	24.1	12.7	0.95	936	0.95	2.26	8.5	3.6	660
M355510		3.04	17.15	0.12	1.2	0.058	2.03	25.2	11.5	0.85	798	0.89	2.33	8.2	3.1	600
M355511		3.09	17.40	0.12	1.2	0.052	2.33	22.2	12.7	0.85	712	1.22	2.30	8.2	3.0	620
M355512		3.33	17.40	0.13	1.2	0.053	2.30	26.3	13.3	0.93	1060	0.76	2.11	8.6	3.1	620
M355513		2.95	17.65	0.10	1.4	0.040	2.50	28.5	9.7	0.89	691	0.95	2.35	8.6	3.4	600
M355514		6.45	15.20	0.16	1.0	1.760	2.62	23.9	20.6	0.91	1900	14.10	0.04	6.0	16.6	440
M355515		2.71	15.70	0.08	1.3	0.051	2.09	23.1	9.8	0.81	601	1.02	2.37	7.8	2.7	570
M355516		2.88	16.25	0.07	1.3	0.054	2.42	27.6	9.0	0.84	678	0.99	2.13	7.8	2.7	570
M355517		3.87	15.50	0.10	1.4	0.169	2.79	29.2	9.6	0.83	1860	0.96	0.83	7.5	2.5	540
M355518		0.46	0.47	<0.05	<0.1	0.005	0.06	0.6	1.4	12.40	207	0.30	0.01	0.5	1.7	160
M355519		2.88	16.95	0.09	1.4	0.037	2.59	24.4	8.9	0.87	793	0.91	2.12	8.4	2.7	580
M355520		2.74	15.90	0.09	1.3	0.035	2.78	26.8	9.2	0.78	819	0.63	2.02	7.6	2.8	540
M355521		0.53	0.71	0.05	<0.1	<0.005	0.06	0.8	1.6	12.75	230	0.24	0.04	0.5	3.1	180
M355522		2.88	16.65	0.09	1.4	0.039	2.63	28.3	10.1	0.83	649	0.69	2.19	8.1	2.8	570
M355523		2.80	16.60	0.10	1.3	0.037	2.51	23.9	10.2	0.79	686	0.71	2.13	8.2	2.8	560
M355524		3.33	17.75	0.11	1.3	0.070	2.20	28.1	12.0	0.88	898	1.36	1.91	8.5	3.0	780
M355525		5.13	16.45	0.14	1.4	0.959	2.90	23.9	23.1	0.71	2010	13.15	0.26	7.8	16.4	490
M355526		2.81	16.75	0.08	1.2	0.058	1.84	20.6	17.6	0.46	731	0.69	1.00	7.8	2.7	550
M355527		2.90	17.60	0.10	1.5	0.045	2.49	28.0	10.9	0.76	537	0.65	2.16	8.9	2.8	580
M355528		2.87	17.00	0.10	1.4	0.038	2.53	26.0	11.1	0.76	586	0.61	2.16	8.6	2.9	590
M355529		2.68	17.05	0.10	1.4	0.035	2.55	26.4	11.0	0.70	509	0.73	2.01	8.8	2.8	570
M355530		2.89	15.25	0.08	1.2	0.038	2.48	23.8	10.4	0.78	565	0.63	2.04	7.7	2.7	580
M355531		2.71	16.55	0.11	1.1	0.038	2.36	21.7	13.4	0.80	754	0.53	1.04	7.8	2.8	550
M355532		2.84	16.50	0.10	1.1	0.035	2.60	23.7	15.1	0.73	604	0.50	1.22	7.6	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12181683

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355497		14.3	100.0	<0.002	0.01	1.17	11.7	1	1.6	403	0.67	<0.05	14.9	0.259	0.97	4.6
M355498		14.9	99.8	<0.002	0.05	2.26	12.1	1	1.8	379	0.69	<0.05	13.0	0.259	1.05	3.7
M355499		14.2	98.8	<0.002	0.05	1.12	12.1	1	1.8	393	0.65	<0.05	13.9	0.256	0.99	3.7
M355500		70.4	97.3	<0.002	0.42	14.10	11.9	1	2.5	342	0.72	<0.05	12.3	0.260	1.27	4.0
M355501		31.4	103.5	<0.002	0.16	8.97	12.5	1	2.3	356	0.72	<0.05	12.9	0.269	1.18	4.0
M355502		27.8	103.0	<0.002	0.24	2.78	12.0	1	2.2	313	0.72	<0.05	13.3	0.253	1.14	3.9
M355503		30.2	100.5	<0.002	0.16	2.05	11.9	1	1.7	370	0.76	<0.05	12.8	0.256	1.12	4.3
M355504		27.3	86.6	<0.002	0.10	4.15	12.2	1	1.8	361	0.81	<0.05	10.9	0.270	1.07	4.2
M355505		14.8	100.5	<0.002	0.01	1.21	13.4	1	1.7	426	0.78	<0.05	13.6	0.280	1.00	3.9
M355506		14.7	96.3	<0.002	0.02	1.23	12.7	1	1.8	414	0.73	<0.05	13.6	0.276	0.99	4.3
M355507		14.3	92.2	<0.002	0.02	1.21	12.7	1	1.7	413	0.70	<0.05	12.5	0.270	0.95	4.1
M355508		16.8	91.1	<0.002	0.10	1.07	12.5	1	1.7	389	0.65	<0.05	12.3	0.264	1.05	3.4
M355509		27.1	90.9	<0.002	0.05	1.13	12.7	1	1.9	386	0.62	<0.05	12.8	0.276	1.06	3.4
M355510		23.0	91.5	<0.002	0.10	1.44	13.1	1	2.0	389	0.64	<0.05	13.7	0.258	1.05	3.9
M355511		16.6	90.8	<0.002	0.04	1.21	11.8	1	1.9	396	0.66	<0.05	12.3	0.266	1.03	3.4
M355512		185.0	107.5	<0.002	0.18	2.24	14.4	1	2.0	367	0.70	<0.05	14.3	0.261	1.07	4.5
M355513		22.4	95.7	<0.002	0.01	0.91	12.9	1	1.7	399	0.79	<0.05	13.5	0.273	0.94	3.9
M355514		2860	162.5	<0.002	4.70	96.6	8.6	2	8.4	90.7	0.50	0.36	9.6	0.173	2.42	4.8
M355515		14.9	82.6	<0.002	0.02	1.88	11.2	1	2.6	381	0.73	0.05	11.4	0.248	0.92	4.0
M355516		46.4	101.0	<0.002	0.11	1.87	11.6	1	2.0	351	0.71	0.06	13.6	0.248	1.08	4.9
M355517		428	146.0	<0.002	1.87	20.6	10.6	1	2.8	192.5	0.76	<0.05	14.2	0.234	1.88	6.2
M355518		5.4	6.9	<0.002	<0.01	0.14	0.5	1	0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.04	0.5
M355519		16.3	98.2	<0.002	0.04	1.35	11.8	1	1.7	354	0.80	<0.05	13.2	0.260	1.07	4.6
M355520		58.5	106.5	<0.002	0.11	9.83	10.7	1	1.7	335	0.76	<0.05	13.5	0.236	1.07	5.0
M355521		1.4	3.7	<0.002	<0.01	0.10	1.0	1	<0.2	44.5	<0.05	<0.05	<0.2	0.014	0.02	0.7
M355522		16.6	107.0	<0.002	0.07	1.83	11.2	1	1.6	359	0.81	<0.05	14.2	0.244	1.00	4.8
M355523		18.5	84.5	<0.002	0.04	2.02	11.3	1	1.6	360	0.79	<0.05	12.8	0.256	0.93	4.1
M355524		24.9	103.0	<0.002	0.05	3.79	14.6	2	2.5	353	0.71	<0.05	11.7	0.308	1.15	4.6
M355525		1390	159.5	<0.002	3.06	35.7	9.3	2	6.3	149.5	0.65	0.29	11.2	0.204	2.64	4.9
M355526		12.5	74.9	<0.002	0.10	7.15	10.9	1	2.3	194.5	0.72	<0.05	10.6	0.245	1.25	5.6
M355527		16.1	99.9	<0.002	0.03	1.96	12.5	1	1.7	388	0.84	<0.05	14.9	0.262	1.08	4.7
M355528		15.7	99.1	<0.002	0.01	1.96	12.4	1	1.6	396	0.81	<0.05	13.5	0.265	1.00	4.7
M355529		14.4	103.5	<0.002	0.01	4.75	11.7	1	1.7	358	0.85	<0.05	13.9	0.253	1.03	4.3
M355530		13.5	91.3	<0.002	0.02	1.79	11.4	1	1.6	378	0.69	<0.05	11.9	0.263	0.94	3.9
M355531		14.9	88.7	<0.002	0.10	4.59	11.7	1	1.6	244	0.63	<0.05	10.3	0.247	1.19	5.0
M355532		15.8	89.8	<0.002	0.03	3.09	11.4	1	1.6	256	0.58	<0.05	11.8	0.252	1.06	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12181683

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M355497		74	1.6	18.1	43	29.0	<1
M355498		75	1.1	18.2	48	26.3	<1
M355499		73	1.1	18.3	46	27.3	<1
M355500		75	1.6	18.0	240	27.0	5
M355501		75	1.3	18.5	117	28.6	3
M355502		72	1.8	17.8	57	27.5	<1
M355503		73	1.2	18.4	45	28.9	<1
M355504		81	1.8	18.2	60	28.2	2
M355505		79	1.2	20.1	50	27.8	<1
M355506		78	0.8	19.5	50	25.3	<1
M355507		74	1.2	18.7	49	25.5	<1
M355508		75	0.7	17.5	57	23.9	<1
M355509		77	1.9	18.5	64	25.9	<1
M355510		73	1.2	18.0	63	28.1	<1
M355511		74	0.7	17.3	53	26.4	<1
M355512		77	0.8	20.8	249	28.1	<1
M355513		77	0.6	19.4	53	31.7	<1
M355514		55	4.8	10.1	5450	24.8	24
M355515		68	1.0	17.3	42	30.2	<1
M355516		69	0.9	17.7	133	30.7	<1
M355517		64	3.7	16.7	2300	31.0	4
M355518		2	0.1	0.9	20	0.5	<1
M355519		74	2.6	18.0	48	31.3	<1
M355520		65	1.0	16.4	155	29.7	6
M355521		5	0.1	1.1	14	1.6	<1
M355522		69	1.2	18.7	45	32.2	<1
M355523		72	0.8	16.6	52	30.2	<1
M355524		102	3.9	20.0	69	31.5	<1
M355525		57	5.0	12.2	3000	38.5	9
M355526		69	2.0	15.4	52	28.2	<1
M355527		72	0.7	18.2	42	35.1	<1
M355528		76	0.6	18.0	44	31.7	<1
M355529		69	0.8	16.7	39	33.4	<1
M355530		75	0.6	16.6	40	26.4	<1
M355531		68	3.5	16.9	36	25.7	<1
M355532		71	1.1	16.6	41	28.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12181683

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182332

Project: Klaza - 94

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12182332

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812214		3.36	<0.005	0.02	7.30	2.2	2040	1.38	0.04	2.57	0.06	34.7	7.4	9	18.65	3.4
N812215		1.64	<0.005	0.03	6.81	4.9	1980	1.35	0.03	2.84	0.08	30.6	7.2	10	17.20	2.9
N812216		2.43	<0.005	0.01	7.32	0.3	1860	1.51	0.04	2.76	0.05	38.9	7.1	9	13.00	2.2
N812217		0.23	2.25	25.7	5.85	3460	1400	1.31	17.85	2.16	80.7	43.5	10.4	19	15.20	431
N812218		2.20	<0.005	0.04	7.42	0.8	1910	1.55	0.04	2.69	0.08	38.5	6.8	12	10.30	2.5
N812219		1.98	<0.005	0.04	6.78	15.4	1670	1.48	0.03	3.06	0.14	31.5	6.8	9	14.60	2.6
N812220		1.80	<0.005	0.01	7.32	0.8	1720	1.19	0.03	2.30	0.07	34.7	6.7	9	16.95	3.1
N812221		3.46	<0.005	0.06	6.72	10.3	1590	1.31	0.04	2.69	0.30	36.3	7.9	9	17.20	5.9
N812222		3.78	<0.005	0.03	7.33	3.0	2000	1.40	0.04	3.04	0.07	38.4	8.2	9	14.55	5.2
N812223		2.39	<0.005	0.05	7.15	2.6	1770	1.22	0.04	2.58	0.09	36.8	8.7	11	17.10	5.4
N812224		0.95	<0.005	0.03	7.12	5.1	1900	1.23	0.05	2.51	0.06	43.4	8.0	9	15.55	7.2
N812225		4.94	<0.005	0.08	6.75	91.3	2000	1.44	0.23	2.88	0.12	40.8	7.7	9	17.70	2.5
N812226		2.32	0.044	0.90	5.34	568	940	1.14	0.34	4.20	1.97	41.9	7.9	6	15.40	5.8
N812227		4.46	<0.005	0.01	0.09	<5	30	0.07	0.02	21.6	0.06	1.26	1.3	1	0.21	9.6
N812228		3.31	<0.005	0.09	7.02	8.4	2210	1.43	0.17	3.10	0.12	42.1	8.2	9	18.60	4.0
N812229		5.55	<0.005	0.06	7.26	3.2	1890	1.43	0.06	2.82	0.06	45.7	8.0	12	15.25	5.2
N812230		1.95	0.017	0.43	6.69	55.0	1210	1.22	0.26	3.31	0.95	48.8	7.3	8	16.35	8.9
N812231		3.19	<0.005	0.06	7.05	3.6	1890	1.41	0.17	2.64	0.12	43.0	8.0	10	13.55	7.5
N812232		0.22	2.29	24.4	6.02	3520	1020	1.29	19.30	2.21	78.7	48.1	10.6	19	15.00	439
N812233		5.38	<0.005	0.07	6.67	5.0	1730	1.45	0.18	2.59	0.11	40.8	8.6	11	16.15	17.9
N812234		4.87	<0.005	0.03	6.78	3.5	2240	1.52	0.12	2.58	0.08	40.9	7.8	11	15.75	3.5
N812235		5.11	0.010	0.04	6.87	3.3	1830	1.40	0.08	2.88	0.08	44.2	8.2	14	13.40	4.1
N812236		2.17	<0.005	0.02	6.54	4.3	2090	1.53	0.07	2.74	0.11	40.4	8.5	9	16.40	3.5
N812237		<0.02	<0.005	0.03	6.74	4.4	2120	1.62	0.07	2.78	0.13	41.9	8.7	8	16.35	3.4
N812238		3.01	0.007	0.40	6.65	48.4	1070	1.59	0.15	3.03	1.83	46.8	8.7	10	18.00	6.3
N812239		4.63	<0.005	0.06	6.95	8.7	1560	1.53	0.06	2.58	0.15	43.8	7.9	10	18.15	4.6
N812240		4.22	<0.005	0.03	7.14	3.3	2090	1.50	0.06	2.83	0.10	42.4	8.6	10	13.10	5.8
N812241		2.67	<0.005	0.04	6.86	6.4	1570	1.30	0.06	2.45	0.13	43.8	7.7	13	21.6	5.9
N812242		5.45	<0.005	0.06	7.15	7.1	1950	1.47	0.07	2.68	0.09	42.7	8.3	11	20.7	6.2
N812243		5.47	<0.005	0.27	6.76	19.7	1560	1.36	0.07	3.58	0.35	52.9	8.6	9	20.2	6.8
N812244		4.47	<0.005	0.12	7.14	12.1	820	1.44	0.07	2.19	0.16	42.9	7.4	10	22.1	5.1
N812245		3.82	<0.005	0.32	6.78	47.9	1030	1.44	0.08	2.65	0.37	47.2	7.8	9	17.55	24.2
N812246		2.10	0.008	0.27	6.69	60.0	810	1.47	0.08	2.72	1.35	45.6	7.9	9	17.55	8.7
N812247		4.45	<0.005	0.01	0.07	<5	20	<0.05	0.02	20.6	0.07	1.27	1.5	1	0.19	2.7
N812248		3.76	<0.005	0.08	7.08	11.8	910	1.60	0.07	3.38	0.13	54.0	7.7	10	21.2	4.8
N812249		1.99	<0.005	0.13	6.16	18.1	1030	1.34	0.09	3.40	0.54	46.0	7.9	8	18.25	9.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12182332

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812214		2.79	17.75	0.13	1.7	0.034	2.57	17.5	26.8	0.71	593	1.31	1.56	8.9	2.3	590
N812215		2.76	16.95	0.14	2.0	0.032	2.63	15.2	33.7	0.69	675	0.67	1.43	9.1	2.5	580
N812216		2.58	18.05	0.16	1.8	0.031	2.52	19.5	15.7	0.70	566	1.14	2.28	9.1	2.4	550
N812217		6.52	14.85	0.17	0.9	1.895	2.58	24.6	24.5	0.87	1840	14.65	0.04	6.7	15.0	440
N812218		2.55	17.85	0.14	1.7	0.030	2.54	19.7	15.6	0.70	547	0.81	2.33	8.8	2.4	540
N812219		2.54	17.00	0.14	1.7	0.030	2.64	15.2	21.1	0.69	929	0.59	1.71	8.7	2.3	540
N812220		2.59	17.40	0.14	1.8	0.029	2.62	18.1	27.6	0.62	489	0.57	1.07	9.3	2.4	550
N812221		2.82	16.35	0.16	1.3	0.036	2.38	18.4	35.0	0.84	804	0.66	0.92	9.1	2.3	600
N812222		3.06	17.55	0.16	1.4	0.038	2.54	19.4	20.9	0.81	667	0.89	1.82	9.5	2.4	600
N812223		3.01	17.60	0.15	1.3	0.043	2.52	18.0	30.2	0.67	641	1.62	0.84	9.6	2.4	640
N812224		2.95	15.75	0.17	1.3	0.037	2.54	21.0	30.6	0.66	625	1.85	0.79	8.4	2.9	630
N812225		3.00	15.40	0.21	1.2	0.059	2.68	19.3	24.6	0.76	1180	2.13	1.12	7.6	2.6	580
N812226		3.27	12.10	0.18	0.8	0.054	2.38	22.7	21.6	1.19	4030	3.59	0.03	5.2	2.5	400
N812227		0.48	0.32	<0.05	<0.1	0.005	0.03	0.6	1.4	12.90	204	0.13	0.01	0.4	2.3	180
N812228		3.13	15.60	0.07	1.3	0.038	2.58	20.0	55.4	0.90	809	0.50	1.57	8.5	2.9	590
N812229		3.06	15.70	0.07	1.3	0.037	2.59	21.7	18.5	0.82	643	8.46	2.09	8.5	3.0	620
N812230		3.12	13.70	0.07	1.1	0.045	2.77	25.6	54.4	1.14	2170	25.0	0.23	7.1	2.8	540
N812231		3.04	15.00	0.08	1.3	0.035	2.88	20.7	36.0	0.86	721	0.42	1.62	8.7	3.1	610
N812232		6.70	14.15	0.22	0.9	1.770	2.64	26.0	22.0	0.89	1890	14.40	0.04	6.3	16.0	440
N812233		3.13	16.15	0.16	1.2	0.041	2.57	18.8	38.9	0.76	709	0.62	1.75	8.4	3.4	650
N812234		2.92	15.40	0.19	1.3	0.038	2.61	19.3	22.3	0.77	644	2.01	1.92	7.7	2.5	600
N812235		3.08	15.95	0.21	1.2	0.037	2.56	21.5	22.3	0.77	680	0.73	1.93	8.2	3.0	610
N812236		3.14	15.75	0.21	1.2	0.035	2.57	18.5	19.9	0.76	715	0.73	1.84	8.1	2.6	620
N812237		3.20	16.15	0.21	1.2	0.041	2.57	19.6	20.5	0.79	731	0.73	1.85	8.3	2.8	640
N812238		3.04	14.90	0.18	1.2	0.040	2.85	22.6	35.5	0.97	1720	0.76	0.28	7.7	2.6	580
N812239		2.97	16.10	0.21	1.3	0.036	2.55	20.2	61.8	0.73	927	2.57	1.09	8.0	2.7	610
N812240		3.16	16.85	0.20	1.3	0.040	2.54	19.6	26.6	0.84	715	1.73	1.92	8.3	2.8	660
N812241		2.94	16.30	0.23	1.3	0.038	2.64	21.0	49.3	0.68	802	1.31	0.34	8.0	2.8	600
N812242		3.10	16.90	0.19	1.2	0.040	2.63	20.5	30.4	0.68	685	0.73	1.44	8.2	2.8	650
N812243		3.04	14.45	0.18	1.1	0.039	2.44	28.4	69.1	1.12	1380	0.59	0.06	7.3	3.2	550
N812244		2.88	16.50	0.20	1.3	0.036	2.27	20.2	131.5	0.65	691	0.62	0.09	8.1	2.5	620
N812245		3.03	15.70	0.21	1.2	0.035	2.70	23.0	64.0	0.81	1380	0.75	0.09	7.5	2.5	590
N812246		2.64	14.70	0.17	1.2	0.034	2.52	23.1	69.2	0.82	2390	0.68	0.04	7.3	2.6	570
N812247		0.46	0.31	0.14	<0.1	0.005	0.03	0.6	1.1	12.25	205	0.11	0.01	0.2	<0.2	170
N812248		3.17	15.35	0.17	1.3	0.039	2.91	27.2	23.0	1.06	1180	2.39	0.39	7.9	2.3	610
N812249		2.85	13.95	0.18	1.2	0.031	2.50	22.8	37.2	1.02	1200	0.69	0.43	7.3	2.4	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12182332

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812214		16.2	97.8	<0.002	0.01	4.30	9.8	1	1.6	358	0.77	<0.05	12.5	0.254	1.09	4.4
N812215		16.0	90.2	<0.002	0.02	8.21	8.5	1	1.5	342	0.83	<0.05	11.1	0.240	1.17	5.1
N812216		15.8	103.0	<0.002	0.01	1.45	9.4	1	1.5	443	0.86	<0.05	13.4	0.232	0.95	4.9
N812217		2710	159.5	<0.002	4.79	92.9	8.0	2	8.7	96.8	0.54	0.39	10.6	0.175	2.38	5.3
N812218		17.3	96.6	<0.002	0.01	1.18	8.8	1	1.4	441	0.81	<0.05	14.0	0.226	0.93	5.0
N812219		17.3	93.9	<0.002	0.03	7.71	8.4	1	1.5	383	0.79	<0.05	11.4	0.228	1.16	4.7
N812220		16.8	102.5	<0.002	0.01	8.18	8.8	1	1.5	314	0.87	<0.05	14.1	0.237	1.06	4.0
N812221		22.6	90.3	<0.002	0.04	15.75	10.4	1	1.7	326	0.79	<0.05	11.6	0.259	1.24	3.9
N812222		15.5	97.5	<0.002	0.01	3.02	10.7	1	1.7	431	0.80	<0.05	12.5	0.265	1.01	4.6
N812223		15.3	83.0	<0.002	0.01	8.20	10.8	1	1.8	270	0.78	<0.05	10.5	0.280	1.09	3.1
N812224		15.6	87.6	<0.002	0.02	7.54	12.1	1	1.8	266	0.73	<0.05	11.6	0.271	1.01	3.2
N812225		18.2	95.7	<0.002	0.06	8.72	11.2	1	1.4	274	0.68	<0.05	11.5	0.255	1.36	3.8
N812226		127.5	149.0	<0.002	0.86	27.1	9.0	1	1.2	130.0	0.44	<0.05	11.4	0.174	1.84	13.3
N812227		1.3	1.8	<0.002	0.02	<0.05	0.2	1	<0.2	52.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N812228		17.4	85.3	<0.002	0.05	4.89	11.1	1	1.6	340	0.75	<0.05	10.9	0.265	1.20	4.9
N812229		15.7	95.7	0.002	<0.01	2.02	11.7	2	1.6	381	0.71	<0.05	11.7	0.271	1.05	4.0
N812230		66.5	147.5	0.005	0.41	14.00	11.6	1	1.6	157.5	0.59	<0.05	12.0	0.246	1.72	6.9
N812231		14.8	113.0	<0.002	0.03	4.65	11.5	1	1.5	280	0.69	<0.05	11.5	0.270	1.35	4.1
N812232		2740	165.5	0.002	4.95	91.3	9.5	2	7.8	89.4	0.50	0.42	12.1	0.174	2.29	5.7
N812233		19.8	91.4	<0.002	0.02	4.76	12.6	1	1.5	312	0.73	<0.05	9.8	0.283	1.12	3.1
N812234		19.4	89.0	<0.002	0.02	2.08	11.4	1	1.3	358	0.69	<0.05	11.7	0.262	1.06	3.7
N812235		16.6	93.7	<0.002	0.01	2.73	11.6	1	1.4	342	0.66	<0.05	10.9	0.264	0.99	3.4
N812236		15.7	86.5	<0.002	0.01	4.71	11.7	1	1.5	363	0.65	<0.05	10.4	0.274	1.10	3.0
N812237		15.3	90.3	<0.002	0.02	4.50	12.4	1	1.5	369	0.65	<0.05	10.0	0.279	1.10	2.9
N812238		54.9	107.0	<0.002	0.28	11.65	12.3	1	1.6	164.0	0.67	<0.05	12.1	0.256	1.78	8.3
N812239		16.4	88.5	<0.002	0.05	6.37	11.8	1	1.5	321	0.71	<0.05	12.0	0.263	1.33	3.8
N812240		15.4	88.1	<0.002	0.01	2.69	12.2	1	1.5	397	0.70	<0.05	10.9	0.281	0.96	4.0
N812241		15.7	89.7	<0.002	0.03	10.95	12.0	1	1.4	207	0.69	<0.05	12.0	0.259	1.29	4.2
N812242		16.5	89.3	<0.002	0.02	5.68	12.3	1	1.5	347	0.68	<0.05	10.8	0.278	1.11	3.7
N812243		19.8	124.0	<0.002	0.17	16.40	12.4	1	1.4	213	0.61	<0.05	14.1	0.239	2.05	10.1
N812244		13.9	80.4	<0.002	0.09	14.05	12.6	1	1.5	198.5	0.71	<0.05	11.9	0.273	1.33	4.3
N812245		64.2	102.0	<0.002	0.42	16.85	12.2	1	1.6	154.5	0.65	<0.05	13.7	0.247	1.63	9.2
N812246		25.3	110.0	<0.002	0.39	15.15	11.8	1	1.6	163.5	0.62	<0.05	12.8	0.246	1.93	6.3
N812247		1.7	1.4	<0.002	0.02	0.06	0.2	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N812248		10.4	123.5	<0.002	0.09	9.76	12.2	1	1.6	167.0	0.69	<0.05	14.3	0.262	1.89	5.1
N812249		14.4	103.0	<0.002	0.13	11.60	11.3	1	1.5	189.0	0.66	<0.05	12.2	0.236	1.74	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12182332

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812214		71	0.9	13.7	50	51.5
N812215		67	1.5	12.7	50	61.7
N812216		64	0.4	15.1	45	54.1
N812217		55	5.7	9.9	5380	25.6
N812218		61	0.9	14.2	51	55.5
N812219		63	1.1	12.7	54	53.6
N812220		63	1.9	13.4	44	54.2
N812221		72	3.2	14.7	71	39.5
N812222		74	2.0	16.0	51	37.0
N812223		80	2.3	15.4	50	33.9
N812224		74	2.2	14.7	48	32.2
N812225		76	1.4	13.4	62	30.5
N812226		60	1.9	13.3	256	22.2
N812227		3	0.1	1.0	18	0.5
N812228		78	1.6	15.1	71	30.5
N812229		80	1.8	15.1	53	31.0
N812230		77	1.7	14.5	112	25.5
N812231		80	1.4	12.7	66	31.3
N812232		56	5.1	10.1	5350	25.9
N812233		81	2.1	12.2	66	31.1
N812234		74	1.4	11.6	55	29.3
N812235		75	1.6	12.2	55	31.4
N812236		83	1.4	11.9	61	28.5
N812237		85	1.9	12.5	64	29.1
N812238		75	1.9	13.4	211	29.2
N812239		76	1.6	13.6	61	31.0
N812240		85	1.3	14.9	54	34.1
N812241		75	1.6	14.6	56	32.5
N812242		82	1.2	13.9	52	28.7
N812243		72	3.7	16.3	78	28.9
N812244		77	4.0	13.0	67	31.8
N812245		72	2.3	13.6	75	31.3
N812246		70	3.3	13.9	157	29.9
N812247		1	0.1	0.8	14	<0.5
N812248		71	2.0	15.7	64	31.0
N812249		68	1.7	14.8	100	29.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12182332

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182333

Project: Klaza - 95

P.O. No.: Batch 4

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

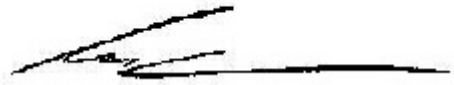
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12182333

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811270		3.56	0.010	0.77	6.92	32.7	1360	1.59	0.30	3.27	1.91	45.2	5.5	9	17.60	14.2
N811272		3.90	<0.005	0.25	7.21	13.9	1920	1.59	0.17	2.20	0.19	37.2	5.9	10	14.45	9.9
N811273		2.44	<0.005	0.31	7.43	11.6	1820	1.70	0.35	2.29	0.21	47.7	6.3	10	15.65	20.9
N811274		7.14	<0.005	0.12	7.76	6.3	2280	1.95	0.10	2.50	0.14	48.0	6.8	10	8.38	5.3
N811275		4.61	<0.005	0.15	6.94	7.0	1780	1.69	0.13	3.26	0.08	35.0	5.6	10	5.31	4.0
N811276		3.45	<0.005	0.11	7.34	6.5	2010	1.80	0.11	2.57	0.07	39.7	5.8	10	5.98	2.8
N811277		4.35	0.006	0.31	7.35	20.1	1400	1.74	0.41	3.24	0.22	42.8	8.8	10	4.64	24.5
N811278		4.90	0.009	0.43	7.05	23.1	1450	1.61	0.52	3.12	0.25	38.9	8.5	9	3.38	62.1
N811279		7.46	0.039	0.19	7.46	6.8	2240	1.72	0.30	2.42	0.10	46.2	6.5	10	5.03	7.3
N811280		0.28	0.795	8.10	6.64	1790	1690	1.57	5.74	1.86	39.2	39.7	15.0	19	15.95	96.7
N811281		7.51	0.006	0.05	7.34	4.7	2280	1.43	0.14	2.46	0.09	46.1	7.3	12	4.57	6.4
N811282		7.31	<0.005	0.07	7.17	4.5	2190	1.31	0.14	2.39	0.09	42.5	7.8	16	4.73	10.0
N811283		5.44	<0.005	0.04	7.54	3.8	2200	1.32	0.09	2.35	0.08	48.1	7.6	10	6.41	10.1
N811284		1.57	0.005	0.26	7.25	7.3	2010	1.35	0.31	2.67	0.93	44.4	9.2	9	10.95	25.8
N811285		3.07	0.005	0.26	7.06	6.3	2000	1.22	0.23	2.67	1.38	43.1	7.8	11	10.80	23.2
N811286		3.04	0.019	0.86	7.36	22.7	1680	1.27	0.37	2.12	7.13	44.0	8.1	9	16.15	13.5
N811287		3.42	0.029	1.03	7.38	47.8	1670	1.47	0.19	4.60	5.05	31.0	24.9	296	36.3	35.2
N811288		3.66	0.010	0.24	7.08	12.2	1730	1.34	0.22	3.19	1.11	42.3	9.4	25	26.8	14.3
N811289		4.83	0.009	0.34	6.81	17.8	1930	1.32	0.53	2.94	0.15	40.7	7.7	9	11.40	41.0
N811290		6.50	0.006	0.15	7.26	6.3	2100	1.33	0.13	2.53	0.11	44.2	8.8	10	8.10	20.7
N811291		4.40	0.005	0.09	7.63	6.0	2350	1.44	0.10	2.60	0.16	44.2	7.5	12	10.35	8.1
N811292		<0.02	0.005	0.07	7.62	4.8	2350	1.38	0.11	2.59	0.11	45.1	7.4	12	10.25	7.7
N811293		3.62	0.008	0.38	7.31	11.6	2130	1.40	0.21	2.55	0.18	43.4	7.8	10	12.75	23.2
N811294		4.16	0.006	0.64	7.57	18.2	2180	1.44	0.15	2.85	2.37	49.2	7.0	11	7.64	17.9
N811295		2.37	<0.005	0.01	0.08	6	20	0.06	0.02	21.1	0.05	1.33	1.2	<1	0.25	1.7
N811296		4.75	<0.005	0.07	7.56	4.7	2300	1.83	0.12	2.62	0.10	48.9	7.0	10	9.39	4.9
N811297		2.46	0.020	0.77	7.28	18.0	2110	1.64	0.15	2.55	1.87	43.2	6.8	8	13.55	10.1
N811298		7.18	0.006	0.13	7.20	6.7	2180	1.47	0.12	2.61	0.20	46.0	7.4	9	10.40	5.8
N811299		2.17	0.007	0.27	6.60	14.6	1430	1.21	0.35	2.88	0.61	40.1	9.1	8	11.50	13.8
N811300		3.28	<0.005	0.07	7.67	4.7	2210	1.43	0.12	2.65	0.12	48.1	7.1	10	9.87	5.8
N811301		0.23	4.44	>100	5.58	8070	980	0.97	57.5	1.95	222	34.3	9.1	17	12.15	1240
N811302		4.42	0.013	0.20	7.60	6.0	2220	1.36	0.13	2.73	0.23	48.6	7.3	10	10.05	8.4
N811303		2.48	0.005	0.14	7.50	8.9	1850	1.22	0.11	2.20	0.15	42.9	7.0	10	13.40	8.8
N811304		2.83	0.019	0.66	6.24	36.4	1670	1.22	0.76	6.64	1.10	48.1	8.1	6	17.65	10.2
N811305		3.51	0.158	23.6	5.58	306	640	1.29	0.89	6.07	20.7	39.1	6.5	6	13.05	29.1
N811306		2.91	<0.005	0.02	0.07	<5	20	0.05	0.02	20.7	0.07	1.21	1.2	<1	0.23	2.0
N811271		Not Recvd														

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12182333

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811270		3.75	13.75	0.12	1.0	0.083	2.53	24.1	52.9	1.15	2160	1.43	0.12	6.2	3.1	510
N811272		2.86	15.55	0.13	1.0	0.041	2.54	17.6	32.6	0.63	713	1.40	0.78	7.1	3.0	610
N811273		2.99	15.80	0.14	1.3	0.042	2.54	23.4	20.7	0.61	700	2.06	1.15	7.5	3.0	620
N811274		2.93	17.00	0.19	1.2	0.037	2.56	24.2	14.5	0.81	532	1.56	2.45	8.1	3.0	610
N811275		2.83	14.95	0.15	1.0	0.041	2.26	16.1	10.6	0.69	641	0.61	1.99	7.3	2.8	590
N811276		2.72	15.80	0.17	1.1	0.044	2.41	19.3	11.7	0.76	509	0.81	2.39	7.5	2.8	580
N811277		2.72	15.65	0.18	0.9	0.054	2.07	21.2	8.5	0.74	625	0.88	2.01	7.4	3.2	600
N811278		2.85	14.90	0.14	0.9	0.052	2.17	18.5	8.1	0.76	634	0.56	2.00	6.8	2.6	610
N811279		3.05	15.95	0.17	1.1	0.040	2.56	22.7	10.7	0.83	522	2.56	2.39	7.3	2.9	610
N811280		5.23	14.65	0.13	1.1	0.773	2.79	20.0	25.2	0.69	1950	12.50	0.26	6.9	14.7	480
N811281		3.12	17.60	0.14	1.1	0.056	2.50	23.0	10.7	0.87	552	1.24	2.50	8.5	2.7	610
N811282		2.91	17.35	0.14	1.1	0.050	2.54	21.2	10.6	0.82	567	1.29	2.43	8.4	2.5	600
N811283		2.84	17.60	0.16	1.1	0.040	2.65	24.9	12.5	0.88	498	2.26	2.42	8.2	2.6	580
N811284		2.86	17.45	0.15	1.1	0.068	2.54	21.9	11.2	0.75	737	1.95	2.19	8.3	2.4	580
N811285		2.91	16.80	0.15	1.1	0.056	2.51	20.9	11.1	0.75	815	0.98	2.11	8.4	2.5	570
N811286		4.05	16.70	0.15	1.1	0.084	2.78	23.0	16.3	0.89	2200	1.99	1.30	7.8	4.7	560
N811287		5.21	16.80	0.15	1.8	0.069	2.08	16.2	47.2	2.58	1980	1.95	0.61	6.3	85.9	570
N811288		3.11	16.75	0.14	1.1	0.072	2.36	21.7	18.3	1.04	1050	1.48	1.32	7.7	11.7	560
N811289		2.85	17.50	0.14	1.1	0.091	2.60	19.6	10.6	0.68	1100	2.70	1.84	8.2	2.7	610
N811290		2.86	17.90	0.14	1.1	0.066	2.56	21.5	10.9	0.79	639	1.33	2.33	8.7	2.6	600
N811291		3.01	18.15	0.15	1.2	0.052	2.71	21.6	11.8	0.84	605	2.01	2.31	8.8	2.9	610
N811292		3.02	18.15	0.16	1.2	0.051	2.72	21.9	11.9	0.85	603	1.49	2.31	9.0	2.9	630
N811293		2.94	17.95	0.15	1.3	0.067	2.86	21.1	12.3	0.70	832	1.08	1.92	8.3	2.6	610
N811294		2.99	18.55	0.16	1.2	0.062	2.73	24.3	10.4	0.87	787	0.95	2.16	9.0	2.7	600
N811295		0.46	0.29	0.11	<0.1	<0.005	0.03	0.6	1.6	12.90	200	0.08	0.01	0.3	<0.2	170
N811296		2.92	19.35	0.15	1.3	0.050	2.69	24.0	17.3	0.83	621	0.77	2.40	8.9	2.6	600
N811297		2.99	18.75	0.14	1.3	0.070	2.86	20.7	14.3	0.71	827	1.42	1.81	8.7	2.5	580
N811298		2.90	18.00	0.15	1.3	0.043	2.50	22.8	15.0	0.77	688	0.91	2.08	9.0	2.5	580
N811299		2.56	16.95	0.15	1.2	0.088	2.29	19.8	20.7	0.56	599	8.49	0.67	8.4	2.5	570
N811300		2.95	18.50	0.17	1.4	0.044	2.74	24.2	10.7	0.77	568	0.97	2.28	9.2	2.6	600
N811301		8.03	13.50	0.17	1.1	5.21	2.23	17.6	32.2	0.63	2950	15.30	0.09	5.8	13.3	440
N811302		2.92	17.75	0.15	1.2	0.042	2.74	24.8	12.6	0.80	553	0.79	2.41	8.7	2.5	610
N811303		2.65	18.25	0.15	1.2	0.045	2.69	21.1	39.2	0.65	549	0.87	1.34	9.0	2.7	620
N811304		3.22	14.25	0.13	1.0	0.037	2.28	26.7	23.0	1.13	1740	0.61	0.18	6.5	2.2	450
N811305		3.79	12.80	0.13	0.9	0.233	2.33	21.1	20.3	1.15	3270	1.87	0.03	5.4	1.9	390
N811306		0.46	0.27	0.09	<0.1	<0.005	0.03	0.6	1.5	12.75	217	0.12	<0.01	0.2	<0.2	160
N811271																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12182333

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811270		176.0	129.5	<0.002	0.47	14.45	9.7	1	1.6	86.4	0.49	<0.05	12.1	0.215	1.73	4.3
N811272		15.5	88.8	<0.002	0.12	8.45	10.0	1	1.7	167.5	0.49	<0.05	8.6	0.261	1.13	2.7
N811273		24.7	93.7	<0.002	0.15	8.15	10.2	2	1.6	210	0.68	<0.05	12.8	0.253	1.08	4.2
N811274		18.1	98.0	<0.002	0.04	1.52	11.2	2	1.6	396	0.67	<0.05	14.3	0.259	0.90	5.1
N811275		10.2	66.6	<0.002	0.12	1.99	10.1	1	2.0	278	0.53	<0.05	8.3	0.265	0.91	2.6
N811276		12.3	85.8	<0.002	0.05	1.73	10.3	2	1.7	335	0.62	<0.05	10.9	0.248	0.86	3.5
N811277		13.8	80.9	<0.002	0.53	2.74	10.8	1	2.3	208	0.53	0.09	11.3	0.258	1.02	3.7
N811278		14.3	75.5	<0.002	0.66	2.40	10.1	1	2.2	213	0.51	0.09	9.4	0.246	0.97	3.0
N811279		14.0	87.0	<0.002	0.14	1.11	10.9	1	1.8	354	0.58	<0.05	12.5	0.261	0.92	3.4
N811280		1295	142.0	<0.002	3.03	29.8	8.3	2	5.1	145.0	0.52	0.25	9.5	0.205	2.20	4.3
N811281		15.2	90.7	<0.002	0.03	1.20	10.2	1	2.0	376	0.72	<0.05	13.2	0.263	0.92	5.1
N811282		15.6	87.8	<0.002	0.05	1.40	9.8	1	2.4	360	0.70	<0.05	13.3	0.255	0.95	4.2
N811283		15.4	108.0	<0.002	<0.01	1.14	9.9	1	2.3	384	0.70	<0.05	14.5	0.250	0.97	4.6
N811284		52.9	97.9	<0.002	0.09	2.31	9.4	1	2.5	329	0.71	<0.05	13.2	0.248	1.10	4.8
N811285		68.6	98.7	<0.002	0.07	2.15	9.5	1	2.4	320	0.72	<0.05	12.7	0.251	1.08	4.3
N811286		366	128.0	<0.002	0.29	4.14	9.5	1	2.6	232	0.69	<0.05	13.6	0.240	1.85	4.8
N811287		260	105.0	<0.002	0.28	11.25	20.7	1	1.8	361	0.48	<0.05	5.6	0.347	1.75	3.5
N811288		53.3	101.5	<0.002	0.15	4.30	10.1	1	1.9	279	0.64	<0.05	13.1	0.242	1.37	4.9
N811289		22.2	102.5	<0.002	0.36	3.60	9.8	1	2.5	280	0.69	0.06	12.1	0.252	1.45	4.5
N811290		16.3	101.0	<0.002	0.13	1.83	10.0	1	2.1	354	0.72	<0.05	13.3	0.254	1.04	4.0
N811291		17.8	108.0	<0.002	0.02	1.87	10.6	1	1.9	397	0.76	<0.05	14.0	0.268	1.04	3.9
N811292		16.5	107.0	<0.002	0.02	1.88	10.4	1	1.9	397	0.77	<0.05	13.8	0.270	1.07	3.7
N811293		22.6	111.0	<0.002	0.20	3.03	9.8	1	1.9	313	0.73	<0.05	13.0	0.249	1.35	4.4
N811294		62.8	109.5	<0.002	0.22	2.33	10.6	2	1.9	362	0.79	<0.05	14.6	0.261	1.11	5.2
N811295		1.8	1.7	<0.002	0.01	<0.05	0.2	2	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N811296		17.9	106.0	<0.002	0.03	1.55	10.3	1	1.7	400	0.79	<0.05	15.5	0.258	1.04	5.4
N811297		297	119.0	<0.002	0.24	3.22	10.1	1	2.0	314	0.77	<0.05	13.5	0.255	1.35	4.9
N811298		18.2	99.1	<0.002	0.03	2.34	10.2	1	1.9	358	0.81	<0.05	13.9	0.252	1.02	4.6
N811299		37.7	92.7	<0.002	0.34	8.64	8.9	1	2.2	135.0	0.76	<0.05	12.1	0.238	1.36	4.7
N811300		19.2	114.0	<0.002	0.03	1.54	10.4	1	1.8	372	0.91	<0.05	15.4	0.256	1.07	6.5
N811301		9450	135.0	0.002	7.09	212	7.1	3	9.2	116.5	0.49	0.50	8.8	0.180	2.12	5.5
N811302		21.7	110.5	<0.002	0.03	1.34	10.2	1	1.8	378	0.76	<0.05	14.2	0.263	0.99	5.4
N811303		15.1	103.5	<0.002	0.05	9.80	9.9	1	2.1	263	0.74	<0.05	12.8	0.274	1.20	3.2
N811304		71.6	119.5	<0.002	0.77	10.80	8.6	2	1.8	187.0	0.58	0.05	14.4	0.186	1.70	6.8
N811305		7140	148.5	<0.002	1.94	37.0	7.4	2	3.8	146.5	0.46	<0.05	10.8	0.161	1.97	6.5
N811306		4.8	1.9	<0.002	0.01	0.05	0.4	2	<0.2	41.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811271																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12182333

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811270		65	1.7	15.6	233	23.9		
N811272		71	2.0	12.2	46	25.2		
N811273		72	1.4	15.6	51	30.5		
N811274		72	0.7	17.3	38	31.4		
N811275		73	1.3	11.2	44	24.1		
N811276		68	0.8	14.8	34	26.8		
N811277		72	1.3	10.2	53	23.5		
N811278		71	1.2	9.7	50	23.2		
N811279		74	1.1	15.5	35	25.1		
N811280		58	4.4	9.1	2970	38.6		
N811281		72	1.0	16.8	32	27.2		
N811282		71	0.9	15.9	31	26.3		
N811283		69	0.8	17.1	29	27.8		
N811284		68	0.9	15.2	99	27.6		
N811285		70	1.0	15.8	129	28.3		
N811286		66	2.3	14.3	638	27.2		
N811287		151	5.6	15.8	499	59.9		
N811288		71	1.6	14.3	123	27.7		
N811289		73	1.4	13.8	53	26.5		
N811290		70	0.9	16.3	38	27.9		
N811291		74	1.0	17.4	40	29.0		
N811292		76	1.0	17.7	37	30.0		
N811293		70	1.5	14.8	48	31.9		
N811294		73	1.0	17.5	219	30.4		
N811295		3	0.1	0.8	13	<0.5		
N811296		71	0.9	17.4	37	32.6		
N811297		71	2.1	14.9	196	31.6		
N811298		70	1.0	17.0	44	32.1		
N811299		67	3.7	11.8	87	29.0		
N811300		71	1.0	17.7	38	32.3		
N811301		53	4.8	9.7	>10000	30.2	117	1.590
N811302		72	1.0	17.2	49	29.7		
N811303		74	2.2	14.7	44	30.7		
N811304		54	2.5	17.2	150	23.7		
N811305		49	2.5	13.2	1740	22.4		
N811306		3	0.1	0.8	13	<0.5		
N811271								

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 95

CERTIFICATE OF ANALYSIS WH12182333

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182334

Project: Klaza-95

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12182334

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811307		2.97	0.005	0.28	7.19	16.8	1430	1.54	0.28	1.54	0.43	49.8	9.1	9	19.70	12.4
N811308		7.09	0.005	0.12	7.43	6.4	2220	1.69	0.18	2.40	0.18	45.1	7.9	10	12.05	8.5
N811309		4.14	0.011	0.36	7.03	35.7	1870	1.46	0.54	2.49	1.06	43.8	8.5	8	14.55	8.3
N811310		6.64	0.005	0.07	7.46	5.2	2210	1.40	0.13	2.62	0.21	45.4	7.7	12	7.65	6.0
N811311		4.99	0.008	0.12	6.82	10.8	1880	1.31	0.14	2.60	0.34	33.7	7.3	8	15.65	9.8
N811312		4.69	0.006	0.12	6.70	10.8	1760	1.22	0.14	2.88	0.28	36.8	5.6	8	13.75	4.1
N811313		3.16	0.008	0.44	6.66	15.4	1650	1.23	0.41	3.43	2.39	38.4	9.1	8	9.18	5.9
N811314		3.01	0.005	0.21	6.66	12.0	1650	1.30	0.15	3.08	0.86	34.3	7.9	8	10.15	3.3
N811315		7.09	0.005	0.15	6.74	12.7	1720	1.23	0.15	2.90	0.20	36.7	5.7	8	15.65	2.7
N811316		2.65	0.008	0.71	7.05	35.6	1430	1.28	0.47	3.00	1.42	40.1	4.6	8	14.05	51.3
N811317		<0.02	0.008	0.77	7.22	35.1	1550	1.67	0.44	3.09	1.08	36.8	4.2	12	13.65	45.8
N811318		4.21	0.099	4.02	8.12	129.5	590	1.76	5.10	4.28	1.47	71.0	27.8	7	8.32	239
N811319		4.68	<0.005	0.28	7.26	16.0	1770	1.69	0.35	2.83	0.18	39.0	6.7	9	10.50	16.1
N811320		5.15	<0.005	0.14	7.40	9.6	1980	1.74	0.30	2.76	0.07	40.3	5.4	10	10.80	6.0
N811321		2.39	0.014	0.76	7.07	43.2	2270	1.51	0.84	3.66	3.25	48.3	7.4	8	12.45	29.1
N811322		3.88	0.005	0.19	7.72	13.6	1640	1.66	0.29	2.96	0.14	43.5	7.5	10	16.70	20.3
N811323		2.64	0.009	0.73	7.12	34.0	2050	1.63	0.25	5.77	8.39	27.2	18.0	223	26.1	30.6
N811324		4.83	<0.005	0.20	7.27	32.4	1240	1.33	0.19	4.32	1.01	33.6	15.6	147	16.80	3.3
N811325		1.90	<0.005	0.23	7.48	32.0	1070	1.35	0.19	4.80	1.40	35.6	16.6	156	18.10	4.7
N811326		7.45	0.029	0.21	7.76	44.7	1500	1.92	0.17	3.84	0.97	60.0	8.1	40	25.6	4.3
N811327		7.73	<0.005	0.18	7.85	20.5	1560	2.11	0.18	3.50	0.44	67.5	6.3	25	29.6	8.3
N811328		0.28	2.37	26.0	6.14	3560	1410	1.49	21.1	2.23	81.9	45.2	12.0	19	15.05	438
N811329		2.73	0.011	0.54	7.91	29.7	1750	1.66	0.16	4.76	0.18	30.6	17.4	220	34.0	29.8
N811330		2.55	0.033	1.64	7.53	37.8	1810	1.78	2.47	5.08	0.17	29.6	18.4	231	32.4	63.0
N811331		2.01	0.024	2.06	7.55	33.3	1460	1.70	2.31	3.23	11.65	48.3	9.3	29	25.4	49.9
N811332		3.93	<0.005	0.06	0.10	<5	20	0.05	0.03	21.3	0.07	1.14	0.5	1	0.29	1.7
N811333		2.99	0.043	0.76	6.96	28.8	1160	1.56	0.95	2.79	1.37	40.9	5.7	7	12.10	28.5
N811334		3.68	0.311	7.76	7.14	490	900	1.37	1.90	2.62	49.2	47.4	9.2	10	15.70	44.0
N811335		4.17	0.013	0.41	7.86	18.8	1560	1.43	0.36	2.52	1.08	48.6	5.6	9	17.15	29.4
N811336		0.28	3.31	>100	5.41	8200	320	1.13	64.4	1.93	221	30.0	9.3	17	10.80	1255
N811337		2.77	0.007	0.54	7.47	21.8	2530	1.69	0.83	3.37	1.61	41.6	4.5	8	13.05	6.7
N811338		3.53	0.196	12.15	6.65	1010	430	1.51	6.25	1.91	74.2	35.0	8.1	7	5.86	140.5
N811339		5.59	0.009	2.50	7.43	59.5	2160	1.54	2.72	3.23	12.00	51.0	5.4	8	9.21	103.5
N811340		4.00	<0.005	0.03	0.08	<5	20	0.07	0.11	21.5	0.17	1.13	0.5	1	0.12	2.1
N811341		2.37	0.189	20.0	6.16	195.0	390	1.31	9.47	2.56	24.2	32.9	69.0	7	6.13	28.2
N811342		2.58	0.008	0.68	7.38	28.6	2100	1.59	0.55	3.02	2.36	46.9	9.6	8	7.74	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12182334

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811307		2.77	18.75	0.14	1.2	0.053	2.36	24.8	52.4	0.58	951	1.45	0.15	8.9	5.2	630
N811308		3.02	19.40	0.15	1.3	0.046	2.69	21.8	20.2	0.78	632	2.06	2.18	9.1	2.8	620
N811309		3.10	18.15	0.16	1.2	0.082	2.61	21.0	19.6	0.73	854	1.80	1.64	8.7	2.7	570
N811310		3.07	18.50	0.17	1.2	0.049	2.61	22.3	14.1	0.91	605	2.14	2.41	8.8	3.1	620
N811311		2.71	17.75	0.15	1.2	0.054	2.41	15.6	13.2	0.69	620	4.73	2.01	8.7	2.6	580
N811312		2.58	17.10	0.16	1.1	0.067	2.46	17.7	14.3	0.72	776	1.43	1.66	8.2	2.5	550
N811313		2.57	15.50	0.16	1.1	0.096	2.11	19.4	13.7	0.71	737	1.02	1.66	7.5	2.3	500
N811314		2.50	17.05	0.14	1.2	0.063	2.32	16.1	8.6	0.60	657	1.82	1.65	8.2	2.3	540
N811315		2.70	17.30	0.15	1.1	0.053	2.31	17.9	16.1	0.63	520	1.28	1.35	8.2	2.4	550
N811316		2.84	17.95	0.16	1.2	0.116	1.96	20.1	17.9	0.60	846	1.49	1.64	8.3	2.3	570
N811317		2.90	15.50	0.14	1.1	0.112	1.99	18.4	20.5	0.59	884	1.75	1.68	7.5	2.4	600
N811318		4.79	21.2	0.16	1.3	0.441	2.46	37.2	45.1	0.72	1400	0.38	1.76	7.2	12.5	690
N811319		2.76	15.30	0.14	1.3	0.078	2.12	19.8	17.5	0.65	680	1.26	2.10	7.5	3.0	610
N811320		2.87	15.20	0.14	1.4	0.048	2.41	21.0	14.0	0.75	671	1.40	2.06	7.9	2.8	620
N811321		2.83	15.20	0.13	1.4	0.091	2.41	25.1	24.5	0.77	947	3.16	0.32	7.6	3.9	650
N811322		3.08	15.45	0.15	1.4	0.042	2.50	22.6	24.1	0.92	689	1.25	1.40	7.7	6.2	620
N811323		3.92	14.35	0.13	1.9	0.047	2.61	15.3	15.1	2.14	1620	1.92	0.06	5.6	58.2	570
N811324		3.28	14.70	0.15	1.8	0.036	2.34	18.1	25.5	1.68	1030	0.41	0.38	6.1	49.0	630
N811325		3.51	15.20	0.16	1.9	0.032	2.38	18.8	27.3	1.85	1110	0.53	0.46	6.4	51.4	650
N811326		2.62	16.95	0.17	2.4	0.035	2.72	32.8	21.9	1.22	914	1.28	0.58	9.9	14.3	840
N811327		2.60	17.40	0.16	2.5	0.019	2.61	37.8	22.3	1.17	658	1.02	0.63	10.9	9.1	890
N811328		6.86	14.70	0.14	1.0	1.870	2.59	25.0	26.6	0.91	1900	13.40	0.04	6.0	16.7	460
N811329		3.72	15.75	0.17	2.0	0.030	2.42	17.1	38.5	1.86	904	1.60	0.06	6.5	58.9	660
N811330		3.80	14.30	0.12	2.1	0.052	2.25	16.3	50.5	1.88	1180	1.64	0.06	6.1	63.4	620
N811331		3.44	15.00	0.15	1.2	0.167	2.48	28.1	37.6	1.23	1280	1.96	0.16	6.9	14.4	580
N811332		0.47	0.25	0.13	<0.1	<0.005	0.03	0.6	1.2	12.60	212	0.15	<0.01	0.1	1.5	180
N811333		3.19	13.50	0.15	1.1	0.293	2.74	20.4	17.6	0.92	1380	2.32	0.32	6.5	3.6	570
N811334		3.64	14.30	0.15	1.0	0.290	2.72	26.2	26.1	1.02	1520	3.73	0.04	6.4	4.6	560
N811335		2.91	16.70	0.16	1.2	0.069	2.65	25.6	79.4	0.65	528	3.37	0.25	8.0	3.0	620
N811336		8.10	12.40	0.15	1.0	4.63	2.20	15.6	32.1	0.62	3070	13.95	0.08	5.1	13.6	460
N811337		2.54	13.90	0.15	1.1	0.109	3.09	22.6	11.5	1.24	1470	1.08	0.11	7.1	3.3	550
N811338		5.52	13.85	0.12	1.1	0.789	2.87	18.0	10.6	0.89	2660	1.09	0.07	6.0	3.2	520
N811339		2.89	14.50	0.13	1.2	0.295	3.31	27.2	11.3	1.06	2060	0.60	0.03	7.0	2.1	560
N811340		0.47	0.21	0.13	<0.1	<0.005	0.03	0.6	1.0	12.60	198	0.16	<0.01	0.1	1.3	210
N811341		5.95	11.15	0.14	0.9	0.323	2.71	16.5	15.7	1.04	2760	4.11	0.04	5.4	4.9	500
N811342		2.25	14.70	0.18	1.1	0.075	3.49	23.2	8.5	1.01	2060	2.22	0.04	7.2	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12182334

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811307		46.7	103.0	<0.002	0.17	21.2	10.8	1	1.8	88.7	0.74	<0.05	16.2	0.259	1.36	4.9
N811308		21.4	108.5	<0.002	0.05	2.88	11.0	1	1.9	352	0.80	<0.05	14.9	0.267	1.12	5.6
N811309		64.2	107.5	<0.002	0.47	3.72	9.8	1	2.3	276	0.79	0.07	12.7	0.251	1.45	5.3
N811310		18.9	97.5	<0.002	0.01	1.15	11.4	1	1.8	387	0.73	<0.05	13.6	0.271	1.01	5.1
N811311		21.5	91.7	<0.002	0.10	2.46	9.8	1	1.7	311	0.75	<0.05	10.8	0.254	1.09	4.1
N811312		16.5	89.4	<0.002	0.16	2.60	8.9	1	1.8	271	0.68	<0.05	11.5	0.247	1.24	4.3
N811313		45.8	86.5	<0.002	0.31	2.97	8.5	1	1.9	239	0.63	<0.05	12.0	0.226	1.25	3.9
N811314		32.0	90.1	<0.002	0.20	3.37	8.8	1	1.9	259	0.72	<0.05	10.7	0.245	1.35	4.0
N811315		16.2	82.6	<0.002	0.11	4.14	8.5	1	1.7	254	0.69	<0.05	11.3	0.244	1.14	5.7
N811316		69.5	82.3	<0.002	0.31	9.05	9.6	1	2.8	225	0.73	<0.05	13.6	0.242	1.16	4.7
N811317		63.8	73.8	<0.002	0.29	8.82	9.2	2	2.5	236	0.62	0.05	10.4	0.244	1.16	3.7
N811318		73.9	84.9	0.003	2.77	21.8	10.1	3	3.7	164.0	0.62	1.73	11.3	0.238	1.74	4.6
N811319		17.4	72.6	0.002	0.24	3.27	9.6	1	1.8	315	0.66	0.08	10.6	0.246	1.18	4.5
N811320		16.2	88.7	0.004	0.09	2.98	10.3	2	1.8	359	0.70	<0.05	12.0	0.256	1.03	4.7
N811321		44.4	94.7	0.004	0.89	11.25	9.9	1	2.7	171.5	0.65	<0.05	11.7	0.243	1.39	3.5
N811322		17.2	103.5	0.002	0.18	6.09	10.2	1	1.8	297	0.70	<0.05	12.7	0.249	1.36	4.8
N811323		278	124.5	0.003	0.29	9.91	18.0	2	0.9	264	0.41	<0.05	5.2	0.302	2.24	3.5
N811324		67.9	120.0	0.003	0.17	8.74	13.7	2	0.9	287	0.49	<0.05	7.5	0.259	1.65	3.7
N811325		67.8	123.5	<0.002	0.18	9.18	14.7	1	1.0	321	0.51	0.06	7.7	0.269	1.80	4.0
N811326		60.0	114.5	0.002	0.12	6.13	8.0	2	1.3	373	0.68	0.05	10.1	0.250	1.72	4.6
N811327		50.3	107.5	0.003	0.03	5.51	6.9	2	1.4	441	0.74	<0.05	10.7	0.256	1.62	4.8
N811328		2820	165.0	0.003	4.92	93.6	8.5	2	8.2	100.5	0.45	0.37	10.6	0.177	2.42	5.2
N811329		12.7	111.5	0.003	0.12	9.67	17.8	1	0.8	319	0.53	<0.05	6.6	0.326	1.82	3.0
N811330		14.9	114.0	0.003	0.19	10.80	18.5	2	0.9	343	0.45	<0.05	6.0	0.323	1.88	3.0
N811331		729	138.0	0.002	0.58	8.07	10.9	1	3.3	159.5	0.58	<0.05	12.6	0.239	2.11	3.0
N811332		2.1	1.7	<0.002	<0.01	0.13	0.2	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.03	0.8
N811333		64.4	120.5	0.002	0.71	7.22	8.6	2	1.8	116.0	0.58	0.05	10.9	0.216	2.42	4.6
N811334		2730	152.0	0.002	1.70	9.39	9.4	2	2.4	88.0	0.58	0.13	12.7	0.223	2.54	6.6
N811335		40.4	114.0	0.003	0.16	7.21	10.8	2	1.8	192.5	0.68	0.07	13.9	0.255	1.73	3.9
N811336		9470	128.5	0.004	7.10	214	7.1	2	8.2	120.0	0.40	0.46	8.1	0.176	2.22	5.0
N811337		112.5	181.5	0.002	0.36	11.05	9.9	2	1.6	104.0	0.64	0.05	13.7	0.227	2.89	5.0
N811338		3830	175.0	0.003	3.20	25.0	9.2	2	3.0	50.7	0.53	0.44	11.2	0.207	2.79	4.2
N811339		524	193.0	0.003	0.67	8.66	10.3	1	2.4	89.8	0.60	0.15	14.8	0.229	3.16	5.7
N811340		8.0	1.4	0.002	0.02	0.17	0.1	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811341		1680	159.5	<0.002	3.92	5.05	8.9	2	2.1	63.7	0.45	6.82	10.4	0.182	2.19	6.1
N811342		145.5	147.5	0.002	0.61	5.05	9.4	1	1.8	68.2	0.62	0.14	11.8	0.242	2.92	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12182334

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811307		69	3.7	15.6	71	30.9		
N811308		75	1.1	16.9	46	31.6		
N811309		71	1.7	14.9	109	28.4		
N811310		77	1.0	17.5	43	29.3		
N811311		71	1.0	14.3	51	29.5		
N811312		68	1.2	12.9	54	27.9		
N811313		64	1.3	10.7	194	25.3		
N811314		67	1.2	10.5	88	27.4		
N811315		68	1.3	13.0	53	27.8		
N811316		69	1.8	12.8	167	28.7		
N811317		71	1.6	10.8	142	26.0		
N811318		90	2.7	10.5	177	26.9		
N811319		68	1.1	11.7	50	28.2		
N811320		74	1.1	14.0	42	29.9		
N811321		70	2.4	13.9	295	31.2		
N811322		71	1.1	14.9	51	30.7		
N811323		129	2.6	13.3	659	55.0		
N811324		104	1.8	11.3	139	53.0		
N811325		108	1.9	12.3	158	55.4		
N811326		64	1.7	12.5	131	74.2		
N811327		56	1.3	12.7	93	82.4		
N811328		58	5.0	9.8	5220	25.3		
N811329		132	2.7	13.1	80	60.1		
N811330		137	3.8	13.5	89	60.9		
N811331		72	2.5	13.2	743	26.1		
N811332		3	0.1	0.8	17	<0.5		
N811333		59	2.0	12.1	172	23.3		
N811334		66	3.3	12.0	3150	22.5		
N811335		72	1.5	14.0	108	27.6		
N811336		53	4.1	8.2	>10000	28.2	125	1.645
N811337		64	1.6	14.5	162	24.6		
N811338		66	2.6	7.0	4880	20.9		
N811339		66	2.0	11.3	944	25.5		
N811340		2	0.1	0.8	21	<0.5		
N811341		67	2.0	9.5	1700	19.4		
N811342		67	1.8	10.0	234	24.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12182334

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182335

Project: Klaza-96

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12182335

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813922		8.59	<0.005	0.15	7.83	4.7	2080	1.38	0.27	3.08	0.14	43.4	9.3	15	7.85	12.0
N813923		8.18	<0.005	0.10	7.36	3.3	2080	1.43	0.16	3.02	0.11	42.5	8.5	13	8.90	8.6
N813924		7.86	<0.005	0.17	7.52	4.4	2060	1.46	0.13	2.90	0.11	42.4	8.3	15	9.69	23.3
N813925		5.56	<0.005	0.13	7.73	13.7	1650	1.32	0.17	2.07	0.11	38.8	8.6	11	13.90	12.9
N813926		2.90	<0.005	0.11	7.08	6.5	1670	1.57	0.22	3.71	0.09	38.1	8.3	10	19.65	10.4
N813927		7.59	<0.005	0.11	7.38	5.3	2020	1.35	0.21	2.45	0.09	38.8	8.7	10	13.65	9.6
N813928		<0.02	<0.005	0.10	7.48	5.6	2060	1.26	0.11	2.49	0.09	39.3	8.8	10	13.65	10.4
N813929		5.95	<0.005	0.09	7.47	8.2	1840	1.37	0.16	2.76	0.08	42.1	8.3	11	13.20	8.9
N813930		2.62	0.006	0.26	7.07	13.2	1900	1.48	0.92	4.20	0.07	35.3	10.7	9	18.25	4.2
N813931		7.30	<0.005	0.72	7.53	3.7	2040	1.42	1.93	2.83	0.41	47.0	8.6	12	8.77	14.8
N813932		0.28	0.759	9.18	6.63	1665	1500	1.41	6.45	1.86	38.8	42.4	16.1	20	16.25	102.5
N813933		8.84	0.005	0.35	7.68	5.9	2100	1.45	0.58	2.87	1.14	44.3	9.1	12	7.88	19.3
N813934		6.57	<0.005	0.14	7.56	2.7	2070	1.43	0.16	3.17	0.13	42.8	8.9	13	8.12	11.4
N813935		3.74	<0.005	0.12	7.53	2.5	1950	1.52	0.14	3.02	0.11	39.6	8.8	11	8.77	11.5
N813936		1.48	<0.005	0.11	7.46	2.2	1920	1.44	0.14	2.95	0.10	41.7	8.5	11	8.65	12.6
N813937		2.53	<0.005	0.26	7.01	23.0	1540	1.25	0.42	2.70	0.23	38.1	8.2	9	14.30	41.3
N813938		3.44	<0.005	0.18	6.37	5.9	1430	1.16	1.73	2.07	0.13	22.6	5.3	9	11.90	17.4
N813939		2.91	<0.005	0.08	6.22	7.2	1910	1.47	0.15	3.34	0.13	39.1	8.1	8	18.90	20.3
N813940		5.02	<0.005	0.17	7.31	2.9	1870	1.47	0.20	2.68	0.10	43.8	8.3	10	8.80	18.9
N813941		8.80	<0.005	0.20	7.54	2.9	1970	1.52	0.28	2.85	0.33	43.0	8.8	12	6.92	24.1
N813942		6.16	<0.005	0.10	7.48	2.4	1910	1.43	0.12	2.76	0.09	44.9	8.4	12	5.96	11.9
N813943		0.29	0.807	9.14	6.65	1645	1580	1.37	5.94	1.87	38.9	42.7	16.5	20	16.20	103.5
N813944		6.83	0.005	0.50	7.39	10.0	1840	1.50	1.08	2.85	0.55	41.8	8.9	11	10.75	29.4
N813945		5.95	<0.005	0.72	7.45	11.9	1530	1.32	1.26	1.95	0.97	41.9	8.3	9	15.15	24.8
N813946		2.73	<0.005	0.11	7.03	10.9	1910	1.44	0.13	2.90	0.13	37.7	8.5	11	14.45	12.1
N813947		2.47	<0.005	0.45	7.66	17.8	3850	1.22	0.84	2.33	2.05	42.3	9.9	8	17.60	15.0
N813948		5.18	<0.005	0.09	7.59	7.3	1840	1.18	0.09	1.72	0.16	39.1	8.3	8	12.40	8.8
N813949		3.91	0.012	0.44	6.99	248	540	1.46	0.10	3.16	0.29	43.6	7.6	8	17.90	10.5
N813950		4.27	<0.005	0.03	0.18	<5	30	0.10	0.01	20.7	0.06	1.70	1.1	2	0.22	1.8
N813951		2.92	<0.005	0.16	6.93	32.5	860	1.40	0.08	2.67	0.21	41.3	7.4	9	20.7	9.3
N813952		3.19	<0.005	0.01	0.25	<5	30	0.12	0.01	20.4	0.06	4.20	0.8	1	0.95	1.7
N813953		7.72	<0.005	0.06	7.17	4.5	2010	1.47	0.07	3.00	0.09	40.5	8.2	10	13.55	8.4
N813954		4.49	<0.005	0.07	7.48	15.6	1690	1.23	0.05	3.01	0.12	39.3	8.3	11	16.90	10.8
N813955		7.51	<0.005	0.26	7.45	71.8	2080	1.33	0.12	2.65	0.33	41.3	8.6	9	16.45	12.9
N813956		4.71	<0.005	0.13	7.90	8.2	2030	1.46	0.18	1.92	0.15	47.7	8.5	12	13.35	12.8
N813957		2.59	0.299	3.35	4.02	1925	440	0.96	0.21	5.54	12.25	29.8	9.7	7	10.60	23.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12182335

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813922		3.36	18.00	0.15	1.2	0.050	2.38	21.6	12.7	0.96	770	1.61	2.15	8.5	4.2	680
N813923		3.11	16.95	0.17	1.1	0.041	2.31	20.9	15.4	0.92	712	1.85	2.01	8.1	4.1	640
N813924		3.12	17.15	0.18	1.2	0.044	2.35	20.7	15.0	0.88	705	1.59	2.12	8.3	4.1	640
N813925		3.10	18.45	0.16	1.2	0.049	2.34	19.0	39.3	0.65	782	2.11	0.34	9.0	3.6	700
N813926		3.23	16.60	0.19	1.3	0.048	2.31	18.6	15.8	0.83	908	3.43	1.34	8.3	4.2	620
N813927		3.23	17.30	0.16	1.3	0.040	2.18	19.0	34.6	0.66	778	1.45	0.49	8.7	4.1	690
N813928		3.28	17.70	0.16	1.2	0.043	2.21	19.0	34.6	0.66	782	1.32	0.50	8.6	4.0	710
N813929		3.09	17.05	0.19	1.2	0.039	2.33	21.2	17.1	0.79	728	1.96	1.63	8.2	4.0	640
N813930		3.19	17.05	0.18	1.2	0.081	2.56	17.5	21.4	0.94	1560	0.56	0.77	8.3	4.6	650
N813931		3.18	17.10	0.18	1.1	0.058	2.44	23.8	13.6	0.91	705	2.11	2.15	8.0	3.8	640
N813932		5.20	15.60	0.16	1.3	0.921	2.71	22.3	22.4	0.68	1940	12.45	0.25	7.8	16.0	490
N813933		3.30	17.70	0.20	1.1	0.096	2.43	21.9	16.5	0.99	737	3.57	2.17	8.5	4.2	670
N813934		3.30	17.70	0.20	1.2	0.044	2.39	20.3	14.2	0.98	772	14.15	2.19	8.5	4.5	680
N813935		3.22	17.45	0.18	1.2	0.042	2.40	18.9	14.1	0.86	677	0.65	2.16	8.3	4.2	660
N813936		3.10	16.95	0.19	1.1	0.041	2.36	20.3	13.4	0.84	651	1.04	2.12	8.0	4.0	620
N813937		3.10	15.75	0.15	1.0	0.053	2.33	19.0	48.4	0.83	1340	17.00	0.13	7.7	4.0	630
N813938		2.07	15.90	0.12	1.1	0.041	2.20	10.3	35.0	0.22	515	24.7	0.09	8.2	2.9	620
N813939		2.99	15.35	0.17	1.0	0.038	2.26	19.1	14.7	0.75	862	114.5	0.87	7.5	3.8	570
N813940		3.05	17.15	0.21	1.3	0.041	2.39	20.9	14.6	0.77	608	27.4	1.86	8.7	4.0	630
N813941		3.14	17.20	0.20	1.4	0.051	2.43	21.6	15.0	0.92	694	7.30	2.18	8.6	4.1	620
N813942		3.11	17.00	0.21	1.4	0.037	2.37	22.2	12.2	0.91	697	1.09	2.19	8.5	4.1	620
N813943		5.25	15.50	0.16	1.3	0.931	2.75	22.2	23.0	0.68	1960	12.60	0.25	7.6	16.2	490
N813944		3.23	17.05	0.20	1.4	0.073	2.44	20.3	11.5	0.81	730	10.00	1.81	8.5	4.1	610
N813945		3.63	16.30	0.11	1.4	0.110	2.67	19.8	28.8	0.67	1800	2.41	0.14	7.4	3.0	640
N813946		3.55	15.90	0.11	1.3	0.048	2.63	17.0	18.8	0.96	1120	1.43	1.27	7.6	2.8	620
N813947		3.56	16.10	0.11	1.3	0.098	2.35	20.9	76.1	0.84	1280	1.60	0.23	7.8	2.9	640
N813948		3.07	16.65	0.11	1.5	0.038	2.15	18.0	60.6	0.56	820	1.08	0.07	8.0	2.8	650
N813949		3.61	14.00	0.13	1.1	0.114	2.39	22.6	126.5	1.17	2300	1.00	0.04	6.2	2.5	560
N813950		0.47	0.37	0.16	<0.1	0.007	0.05	0.8	2.0	12.70	199	0.17	0.01	0.2	2.0	200
N813951		3.12	15.65	0.14	1.3	0.066	2.36	19.8	90.4	0.94	1420	1.10	0.07	7.3	2.6	600
N813952		0.49	0.51	0.14	<0.1	0.008	0.11	2.3	2.5	12.60	219	0.14	0.02	0.7	2.0	160
N813953		3.11	16.60	0.15	1.4	0.039	2.53	18.6	21.6	0.87	692	1.46	2.09	7.9	2.8	610
N813954		3.31	17.10	0.16	1.6	0.043	2.62	18.0	48.2	0.92	932	1.75	1.27	8.2	3.3	680
N813955		3.38	16.75	0.14	1.3	0.048	2.72	19.1	22.4	0.90	1060	3.28	1.37	7.8	2.9	640
N813956		3.38	17.35	0.14	1.2	0.037	2.76	23.4	46.5	0.92	688	1.86	1.15	8.2	3.0	670
N813957		5.22	8.14	0.11	0.6	0.171	1.75	16.8	25.1	1.78	7500	4.61	0.03	3.7	2.9	300

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12182335

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813922		20.6	87.2	<0.002	0.09	2.98	13.2	2	2.5	429	0.64	<0.05	10.2	0.291	1.02	3.6
N813923		16.1	83.2	<0.002	0.05	4.74	12.5	2	1.8	402	0.62	<0.05	10.1	0.270	0.98	3.5
N813924		17.4	84.3	<0.002	0.04	1.33	12.2	1	1.8	419	0.66	<0.05	10.3	0.275	1.04	3.4
N813925		17.0	81.2	<0.002	0.05	11.45	13.2	1	2.2	153.5	0.67	<0.05	10.5	0.304	1.34	2.7
N813926		13.5	79.0	<0.002	0.09	26.2	12.6	1	2.1	301	0.62	<0.05	9.2	0.286	1.13	4.0
N813927		14.7	73.4	<0.002	0.04	9.66	12.9	2	1.8	192.5	0.65	<0.05	9.7	0.294	1.12	2.4
N813928		14.7	72.9	<0.002	0.04	9.59	12.7	1	1.8	197.5	0.65	<0.05	9.3	0.297	1.12	2.5
N813929		17.6	85.8	<0.002	0.03	4.25	12.7	2	1.7	336	0.64	<0.05	11.0	0.277	1.23	3.1
N813930		15.7	90.7	<0.002	0.29	8.41	11.6	2	3.2	203	0.63	0.07	9.4	0.278	1.64	4.3
N813931		69.0	86.7	<0.002	0.10	1.23	12.1	2	2.4	429	0.62	<0.05	11.2	0.273	1.14	3.8
N813932		1315	154.0	0.002	3.09	34.7	9.3	2	5.9	153.0	0.58	0.29	11.2	0.203	2.46	4.9
N813933		45.0	87.9	<0.002	0.17	1.45	12.8	2	2.6	455	0.64	<0.05	11.0	0.282	1.11	3.7
N813934		18.3	82.1	<0.002	0.01	1.34	12.8	2	1.9	470	0.62	<0.05	9.8	0.290	1.01	3.0
N813935		17.8	84.5	<0.002	0.01	1.88	12.4	2	1.9	438	0.64	<0.05	10.4	0.279	1.04	2.7
N813936		17.4	86.9	<0.002	0.02	1.97	12.1	2	2.0	422	0.60	<0.05	10.5	0.272	0.99	2.7
N813937		27.8	84.4	<0.002	0.20	17.85	11.4	1	2.0	169.0	0.58	<0.05	9.9	0.267	1.35	4.1
N813938		18.5	76.2	<0.002	0.01	20.4	10.0	1	2.0	118.0	0.61	<0.05	6.6	0.284	1.03	2.7
N813939		9.1	90.8	<0.002	0.10	10.50	10.6	1	1.7	184.0	0.57	<0.05	8.4	0.251	1.23	4.1
N813940		18.2	86.2	<0.002	0.01	2.99	12.1	2	1.8	371	0.70	<0.05	10.9	0.278	1.00	3.0
N813941		33.0	89.2	<0.002	0.05	1.06	12.1	2	1.9	425	0.69	<0.05	11.3	0.274	0.97	3.9
N813942		18.6	89.3	<0.002	0.01	1.02	12.2	2	1.8	404	0.70	<0.05	12.0	0.269	0.96	4.3
N813943		1335	153.0	<0.002	3.11	34.6	9.2	2	6.0	151.0	0.59	0.40	11.1	0.205	2.49	4.8
N813944		43.1	96.5	<0.002	0.13	6.31	12.6	2	2.6	370	0.72	<0.05	11.4	0.270	1.13	3.9
N813945		83.8	109.0	0.003	0.14	19.65	11.7	1	2.4	119.5	0.62	<0.05	11.2	0.282	1.57	3.3
N813946		18.9	90.9	0.003	0.09	11.35	11.5	1	1.7	290	0.62	<0.05	9.3	0.291	1.35	3.4
N813947		58.2	87.9	0.004	0.25	15.40	11.6	1	1.8	169.0	0.65	<0.05	11.7	0.284	1.50	3.7
N813948		15.4	72.9	0.002	0.04	14.40	11.3	1	1.6	126.0	0.73	<0.05	10.6	0.285	1.00	2.9
N813949		19.8	119.0	0.003	0.38	26.0	9.8	1	1.5	165.5	0.54	<0.05	11.7	0.245	2.18	5.5
N813950		1.6	1.7	0.003	0.01	0.23	0.3	1	<0.2	45.4	<0.05	<0.05	0.2	0.005	0.03	0.8
N813951		21.9	89.6	0.003	0.15	21.0	10.8	2	1.4	160.5	0.60	<0.05	10.0	0.259	1.84	3.5
N813952		1.4	5.2	0.002	0.01	0.17	0.4	1	0.2	38.4	0.06	<0.05	0.6	0.007	0.03	0.5
N813953		15.7	87.1	0.002	0.02	1.66	10.8	1	1.5	393	0.72	<0.05	10.7	0.275	1.03	3.9
N813954		16.0	86.2	0.002	0.07	7.53	11.0	1	1.5	299	0.73	<0.05	10.6	0.291	1.33	3.9
N813955		22.9	102.0	0.004	0.08	10.45	11.7	1	1.6	329	0.67	<0.05	10.7	0.285	1.21	4.1
N813956		20.3	96.0	0.002	0.03	7.26	12.2	1	1.7	307	0.68	<0.05	12.5	0.297	1.34	3.2
N813957		818	120.0	0.002	2.95	83.7	6.2	<1	1.6	104.0	0.30	<0.05	6.7	0.139	1.72	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12182335

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813922		86	5.2	16.3	59	27.7
N813923		80	1.1	15.6	51	28.0
N813924		80	3.0	15.6	52	27.7
N813925		87	7.7	14.3	55	29.8
N813926		89	2.2	12.2	55	28.7
N813927		83	5.1	14.9	54	30.1
N813928		86	5.1	14.6	56	28.6
N813929		82	2.8	15.0	54	27.6
N813930		78	3.7	12.3	77	28.7
N813931		79	1.4	15.4	83	26.1
N813932		56	5.3	11.2	2940	36.5
N813933		83	1.7	16.3	154	27.6
N813934		86	4.1	16.1	56	29.7
N813935		83	2.1	15.0	53	28.1
N813936		80	4.9	14.5	52	25.2
N813937		78	26.0	13.3	67	24.6
N813938		76	26.1	8.1	40	26.2
N813939		73	32.8	11.5	40	24.5
N813940		82	19.2	15.2	52	31.0
N813941		81	13.6	16.2	76	31.7
N813942		78	2.6	16.2	54	31.7
N813943		57	5.3	11.1	3000	37.1
N813944		80	3.2	14.3	108	32.5
N813945		84	6.2	13.9	163	29.6
N813946		92	3.0	14.0	74	27.5
N813947		81	7.0	15.5	202	28.7
N813948		76	7.9	14.2	64	30.9
N813949		72	4.0	13.6	78	24.0
N813950		2	0.1	0.8	15	0.5
N813951		78	5.2	14.9	71	27.3
N813952		3	0.1	0.9	13	<0.5
N813953		78	2.2	14.9	54	28.3
N813954		83	3.8	15.0	63	31.8
N813955		83	3.2	15.2	92	26.0
N813956		84	3.3	15.5	64	24.7
N813957		44	4.2	11.4	946	12.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12182335

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182336

Project: Klaza - 96

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

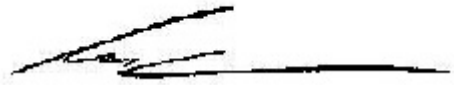
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182336

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813958		8.93	<0.005	0.35	7.56	12.5	1930	1.49	0.13	2.90	0.25	40.9	8.3	10	12.80	11.8
N813959		5.25	<0.005	0.11	7.29	4.9	2080	1.67	0.12	2.97	0.10	37.3	8.3	10	10.40	8.4
N813960		4.90	<0.005	0.11	7.32	11.1	1820	1.47	0.17	2.95	0.13	40.1	8.6	8	19.50	10.8
N813961		<0.02	<0.005	0.09	7.44	9.1	1840	1.55	0.11	2.91	0.11	41.2	8.2	9	18.75	9.9
N813962		2.82	<0.005	0.09	7.36	6.2	1960	1.56	0.23	2.94	0.09	38.3	8.4	9	11.95	11.4
N813963		2.78	<0.005	0.10	6.72	15.4	1500	1.59	0.26	2.84	0.13	39.0	8.1	8	18.20	9.6
N813964		4.02	<0.005	0.02	0.11	<5	20	0.05	0.02	21.2	0.07	1.08	0.8	2	0.31	2.6
N813965		6.69	<0.005	0.08	7.75	4.3	2080	1.38	0.11	3.26	0.10	42.6	8.7	11	12.35	14.1
N813966		7.08	<0.005	0.33	7.78	12.2	2690	1.36	0.17	1.73	0.15	42.0	9.7	10	11.30	54.3
N813967		7.72	<0.005	0.08	7.86	4.6	2180	1.62	0.11	2.91	0.12	47.7	9.2	12	9.74	10.8
N813968		7.79	<0.005	0.16	7.67	4.4	2180	1.10	0.12	3.13	0.12	37.6	8.9	11	10.90	16.7
N813969		8.07	<0.005	0.10	7.48	6.1	2040	1.05	0.10	3.01	0.08	36.6	8.7	10	11.55	8.9
N813970		4.27	<0.005	1.41	6.94	19.0	2390	0.95	0.34	3.17	0.56	37.5	7.4	7	10.05	43.4
N813971		2.65	<0.005	0.12	7.20	8.9	2090	1.03	0.24	2.98	0.06	41.7	7.7	7	12.00	9.3
N813972		6.16	0.005	0.15	7.34	13.5	1710	1.07	0.13	2.88	0.08	39.7	7.8	9	10.10	9.7
N813973		2.50	<0.005	0.09	6.89	6.0	1340	1.02	0.12	2.77	0.06	38.3	7.1	7	11.70	5.6
N813974		0.28	2.31	22.6	5.60	3300	620	0.98	17.30	2.06	67.7	35.1	9.7	17	11.90	413
N813975		3.53	<0.005	0.14	7.34	7.1	1460	1.12	0.13	1.82	0.08	41.6	7.9	8	11.30	11.0
N813976		3.49	0.008	0.48	7.41	577	1190	1.33	0.13	2.56	1.17	39.9	8.7	8	14.40	47.9
N813977		2.66	0.235	6.63	6.82	1965	420	1.09	0.20	3.30	14.60	43.5	11.2	7	12.20	424
N813978		4.28	<0.005	0.02	0.13	10	30	0.06	0.01	21.7	0.08	1.72	1.9	1	0.27	2.2
N813979		5.68	<0.005	0.14	8.03	11.5	2340	1.26	0.10	2.08	0.12	94.7	10.8	11	13.10	14.3
N813980		7.05	<0.005	0.12	7.28	6.2	1950	1.18	0.10	3.05	0.08	43.8	8.2	9	11.65	11.2
N813981		6.92	<0.005	0.11	7.55	5.8	2030	1.19	0.08	2.63	0.08	44.2	9.2	8	12.25	11.5
N813982		2.34	<0.005	0.12	8.22	7.3	2320	1.31	0.10	1.89	0.07	50.3	8.6	8	15.35	11.6
N813983		2.53	<0.005	0.16	6.65	8.1	1020	1.47	0.19	3.36	0.09	37.9	8.7	7	13.20	6.0
N813984		2.37	<0.005	0.14	7.84	5.9	1800	1.18	0.08	2.14	0.07	39.8	8.8	8	11.90	12.0
N813985		1.15	<0.005	0.08	7.38	5.5	1650	1.17	0.07	2.78	0.08	41.4	7.8	8	11.05	10.7
N813986		7.98	0.038	0.22	8.00	8.7	2070	1.37	0.27	2.35	0.08	40.6	9.3	9	12.35	26.9
N813987		8.81	<0.005	0.10	7.64	4.3	2170	1.59	0.16	2.86	0.08	36.9	8.8	10	14.90	9.2
N813988		6.96	0.008	0.18	7.27	9.0	1720	1.57	0.49	3.17	0.07	35.8	8.7	10	11.30	5.5
N813989		0.28	0.776	9.72	6.95	1870	1540	1.51	6.10	1.93	40.7	43.8	16.9	19	15.70	110.5
N813990		3.80	<0.005	0.25	7.62	4.0	2190	1.54	0.14	2.86	0.16	41.9	8.5	12	8.67	36.1
N813991		1.99	0.009	4.09	7.14	18.3	1700	1.46	0.36	2.82	5.19	42.1	8.0	8	12.05	15.7
N813992		3.95	<0.005	0.47	7.80	4.9	1910	1.69	0.11	2.82	0.38	46.2	8.6	9	9.98	13.5
N813993		5.23	<0.005	0.20	7.73	4.8	1980	1.69	0.08	2.67	0.26	47.0	8.8	10	9.28	13.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813958		3.24	15.20	0.15	1.1	0.034	2.43	20.7	27.7	0.87	958	0.59	1.89	7.2	3.1	650
N813959		3.12	15.35	0.17	1.1	0.028	2.42	17.5	20.0	0.81	662	0.67	1.95	7.1	3.2	630
N813960		3.08	15.45	0.15	1.1	0.044	2.41	19.5	44.8	0.78	855	0.63	1.25	7.4	2.9	630
N813961		3.08	14.75	0.15	1.1	0.041	2.39	20.4	44.3	0.78	840	0.83	1.25	7.2	2.8	630
N813962		3.10	15.35	0.15	1.1	0.039	2.45	18.9	29.5	0.78	759	0.82	1.28	7.3	2.9	640
N813963		3.02	14.75	0.12	1.0	0.051	2.55	19.3	33.9	0.71	1070	1.22	0.78	6.8	2.5	570
N813964		0.55	0.29	0.12	<0.1	<0.005	0.04	0.6	1.3	12.70	221	0.21	0.01	0.1	1.9	200
N813965		3.24	15.75	0.19	1.0	0.039	2.44	21.4	19.6	0.87	713	2.84	1.30	7.5	3.0	660
N813966		3.29	16.05	0.16	1.1	0.052	2.53	21.0	26.8	0.68	807	0.78	0.64	7.7	3.0	680
N813967		3.27	16.50	0.15	1.2	0.037	2.43	24.5	22.1	0.98	711	0.82	2.25	7.9	3.2	650
N813968		3.30	16.65	0.22	1.0	0.037	2.47	19.0	13.7	0.92	778	1.02	2.21	8.4	3.9	690
N813969		3.22	16.00	0.23	1.1	0.036	2.52	18.4	13.9	0.86	847	1.06	2.01	8.2	3.4	680
N813970		2.83	14.55	0.22	1.1	0.034	2.51	19.7	23.2	0.98	2390	1.26	0.18	7.6	3.0	610
N813971		3.03	13.85	0.24	1.1	0.031	2.26	22.7	22.0	1.00	1100	1.58	0.10	8.0	3.0	640
N813972		3.11	15.30	0.21	0.9	0.077	2.87	21.5	20.6	0.98	1620	1.95	0.24	7.5	3.1	630
N813973		2.79	14.20	0.19	0.9	0.039	2.30	20.9	35.6	0.94	947	0.43	0.07	7.1	2.6	600
N813974		6.33	12.80	0.20	0.8	1.420	2.41	20.0	16.1	0.84	1760	11.95	0.04	5.5	14.8	430
N813975		3.11	15.30	0.18	1.0	0.050	2.75	22.3	29.2	0.75	1040	1.04	0.48	7.9	2.9	610
N813976		3.35	15.70	0.20	1.0	0.056	2.85	20.3	42.1	0.87	2660	1.78	0.23	7.9	3.0	660
N813977		5.44	13.75	0.20	0.7	0.149	2.84	25.7	26.2	1.08	4300	1.37	0.03	6.3	3.6	580
N813978		0.50	0.52	0.13	<0.1	0.005	0.05	0.9	1.3	12.90	225	0.16	0.01	0.4	3.7	210
N813979		3.37	17.45	0.21	0.9	0.051	2.68	56.3	20.7	0.78	799	0.90	1.30	7.8	3.3	690
N813980		3.11	16.80	0.20	1.0	0.038	2.39	22.6	24.6	0.54	705	0.68	0.83	8.1	3.0	690
N813981		3.22	16.60	0.23	0.9	0.040	2.29	22.9	30.2	0.63	783	1.10	0.43	8.1	3.1	700
N813982		3.23	16.95	0.20	1.1	0.044	2.55	27.1	31.4	0.73	928	0.94	0.66	8.8	3.1	700
N813983		2.87	14.15	0.17	0.9	0.059	2.18	20.1	35.6	1.00	1480	0.57	0.50	6.7	2.5	570
N813984		3.30	17.00	0.20	1.0	0.045	2.44	20.0	46.7	0.74	866	0.76	0.38	8.4	3.2	720
N813985		3.06	15.65	0.19	0.9	0.038	2.33	21.3	48.6	0.65	859	0.74	0.37	7.5	2.8	690
N813986		3.61	17.55	0.19	1.1	0.061	2.65	20.1	36.7	0.74	970	0.89	0.32	8.2	3.3	690
N813987		3.12	16.75	0.20	1.1	0.036	2.49	17.3	19.1	0.73	795	1.42	1.63	8.1	3.2	660
N813988		3.11	15.70	0.19	0.9	0.042	2.40	17.1	18.2	0.75	1190	0.79	1.67	7.6	2.9	640
N813989		5.43	15.05	0.19	1.3	0.898	2.85	23.9	24.4	0.71	2020	12.70	0.28	7.7	16.0	510
N813990		3.11	16.55	0.21	1.0	0.044	2.57	20.9	12.1	0.84	777	1.05	2.06	7.7	3.3	650
N813991		3.35	15.00	0.19	1.0	0.047	2.54	22.0	38.2	0.77	3250	0.49	0.43	7.3	2.8	620
N813992		3.33	16.80	0.21	1.1	0.040	2.74	22.9	20.3	0.88	1300	0.80	1.64	8.4	3.1	700
N813993		3.52	16.70	0.21	1.2	0.064	2.76	23.4	22.3	0.96	1130	1.02	1.82	8.6	3.1	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813958		31.6	96.8	0.003	0.04	3.52	10.8	1	1.6	409	0.62	<0.05	11.0	0.277	1.11	3.9
N813959		19.1	86.5	0.002	0.01	3.20	10.5	1	1.5	445	0.60	<0.05	10.4	0.271	1.08	3.7
N813960		18.6	93.3	<0.002	0.06	9.18	10.9	2	1.6	344	0.59	0.05	10.3	0.270	1.41	4.2
N813961		18.2	95.2	0.003	0.05	8.69	10.7	1	1.7	345	0.59	<0.05	10.9	0.270	1.40	4.2
N813962		18.1	89.3	0.002	0.04	5.22	10.8	2	1.6	334	0.59	<0.05	10.3	0.273	1.26	3.6
N813963		13.8	105.0	<0.002	0.13	23.3	10.2	2	1.5	194.0	0.52	<0.05	9.7	0.246	1.64	3.5
N813964		1.6	2.1	0.002	0.02	0.12	0.3	2	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N813965		15.9	95.1	0.002	0.01	4.65	11.6	2	1.8	385	0.59	<0.05	10.9	0.278	1.00	3.8
N813966		18.9	98.5	0.004	0.10	20.2	11.7	1	2.2	204	0.61	<0.05	11.5	0.287	1.15	3.3
N813967		16.7	98.8	0.004	0.01	1.20	11.9	2	1.6	456	0.61	<0.05	12.2	0.278	0.98	4.1
N813968		18.7	86.0	<0.002	0.01	2.79	11.9	2	1.5	460	0.62	<0.05	12.0	0.287	1.03	3.6
N813969		16.6	85.7	<0.002	0.02	7.10	11.4	2	1.5	395	0.63	<0.05	11.6	0.276	1.14	3.3
N813970		64.7	102.5	<0.002	0.20	24.1	10.4	1	1.4	172.5	0.60	<0.05	13.1	0.260	1.53	2.8
N813971		7.5	98.2	<0.002	0.12	10.50	11.1	1	1.4	149.0	0.69	<0.05	14.2	0.262	1.43	3.1
N813972		20.0	132.0	<0.002	0.20	9.15	11.2	1	1.5	135.5	0.59	<0.05	13.8	0.269	1.93	3.6
N813973		9.0	89.0	<0.002	0.05	12.90	10.4	1	1.2	140.5	0.54	<0.05	13.2	0.257	1.27	2.4
N813974		2620	138.0	<0.002	4.54	73.4	7.4	2	6.5	81.7	0.41	0.31	11.3	0.169	2.28	5.2
N813975		15.5	121.0	<0.002	0.07	9.59	11.6	1	1.4	133.5	0.63	<0.05	15.5	0.262	1.62	4.0
N813976		52.3	124.0	<0.002	0.24	40.9	11.8	1	1.8	135.0	0.61	<0.05	13.6	0.272	2.01	3.2
N813977		309	195.5	<0.002	3.20	233	10.4	1	2.3	113.0	0.41	<0.05	11.8	0.242	2.61	3.7
N813978		1.7	2.3	<0.002	0.04	0.31	0.5	1	<0.2	44.9	<0.05	<0.05	0.2	0.006	0.03	0.5
N813979		19.0	93.5	<0.002	0.04	7.04	12.5	1	1.5	298	0.56	<0.05	23.6	0.291	1.19	3.0
N813980		16.8	71.8	<0.002	0.01	9.96	11.8	1	1.5	259	0.60	<0.05	12.4	0.291	0.99	2.5
N813981		16.2	67.9	<0.002	0.02	9.67	12.1	1	1.7	230	0.58	<0.05	11.8	0.297	0.98	2.7
N813982		14.6	98.5	<0.002	0.05	9.59	13.8	1	1.8	197.0	0.70	<0.05	16.4	0.303	1.22	3.9
N813983		8.4	93.9	<0.002	0.20	14.60	10.5	1	1.3	159.0	0.57	<0.05	12.2	0.240	1.35	4.4
N813984		15.9	78.1	<0.002	0.02	12.15	13.2	1	1.8	216	0.62	<0.05	11.8	0.302	1.12	2.8
N813985		14.5	70.2	<0.002	0.02	13.00	12.0	1	1.7	226	0.55	<0.05	10.9	0.286	1.01	2.5
N813986		20.0	87.7	<0.002	0.13	12.05	12.6	1	1.8	211	0.64	<0.05	12.3	0.291	1.44	2.9
N813987		16.9	81.3	<0.002	0.02	6.54	11.9	1	1.5	375	0.69	<0.05	12.0	0.284	1.04	3.5
N813988		18.8	80.7	<0.002	0.10	7.01	11.2	1	1.5	316	0.60	<0.05	10.7	0.277	1.22	3.2
N813989		1360	156.5	0.002	3.20	32.5	9.5	2	5.7	156.5	0.62	0.28	14.5	0.213	2.64	5.7
N813990		24.9	85.3	<0.002	0.02	4.89	11.8	1	1.5	418	0.59	<0.05	13.3	0.284	1.02	3.5
N813991		425	101.0	<0.002	0.59	44.3	11.5	1	1.9	170.5	0.57	<0.05	13.4	0.262	1.40	4.2
N813992		25.7	104.5	<0.002	0.06	9.60	12.8	1	1.6	354	0.69	<0.05	13.9	0.293	1.29	3.7
N813993		34.4	105.0	<0.002	0.03	4.51	12.7	1	1.7	364	0.72	<0.05	14.6	0.286	1.30	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813958		82	1.7	14.3	71	24.2
N813959		80	2.0	12.9	54	25.7
N813960		78	2.5	13.3	57	26.3
N813961		79	2.5	13.3	57	25.1
N813962		80	1.9	12.9	54	24.6
N813963		73	3.2	12.3	54	22.4
N813964		3	0.1	0.7	13	<0.5
N813965		80	2.6	14.4	54	25.2
N813966		83	4.1	13.9	64	25.4
N813967		81	1.4	17.0	53	28.8
N813968		86	2.5	15.8	61	26.7
N813969		83	2.2	15.1	59	28.3
N813970		74	1.9	12.4	180	27.6
N813971		74	1.8	12.6	66	27.4
N813972		75	2.2	12.1	64	23.7
N813973		73	1.8	11.5	58	22.2
N813974		54	4.7	8.9	5160	22.7
N813975		77	2.3	14.3	64	24.4
N813976		82	2.9	14.5	220	25.4
N813977		71	4.5	14.1	1940	20.8
N813978		5	0.2	1.0	22	<0.5
N813979		86	2.9	15.3	69	24.7
N813980		88	3.9	13.9	59	26.7
N813981		88	3.9	15.8	62	24.7
N813982		90	3.0	16.6	64	28.1
N813983		66	1.5	15.1	65	22.7
N813984		88	3.3	15.6	63	26.2
N813985		84	2.9	15.4	56	24.2
N813986		86	4.8	14.7	74	27.2
N813987		83	2.3	14.7	62	27.0
N813988		82	2.0	13.0	79	23.4
N813989		60	5.4	12.0	3090	39.7
N813990		83	1.9	13.9	73	25.9
N813991		77	3.1	14.5	854	24.9
N813992		89	2.9	15.4	124	26.9
N813993		86	2.3	16.9	93	29.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182336

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182337

Project: Klaza - 97

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

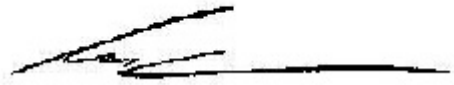
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12182337

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812286		0.28	2.22	24.0	5.93	3450	1240	1.18	19.60	2.16	76.7	49.2	10.5	18	15.00	432
N812287		7.20	<0.005	0.17	7.38	56.5	1560	1.80	0.25	2.82	0.83	61.9	7.4	20	28.4	12.4
N812288		6.97	<0.005	0.08	6.54	24.9	1570	1.86	0.13	2.84	0.37	57.2	5.8	26	28.0	9.1
N812289		2.74	<0.005	0.20	6.81	42.5	2440	1.84	0.16	2.25	0.59	67.3	6.3	29	25.2	10.7
N812290		3.87	1.145	5.54	6.39	958	610	1.38	3.32	1.19	26.5	50.2	10.0	9	15.15	54.5
N812291		6.80	0.076	2.49	6.90	146.5	1510	1.66	6.26	1.97	2.08	50.2	8.9	9	14.80	129.0
N812292		3.59	0.156	4.39	7.34	166.0	1990	1.57	6.18	1.79	5.22	54.0	12.8	8	14.00	246
N812293		5.31	0.088	0.73	7.05	76.1	1970	1.34	0.69	1.95	0.53	51.7	10.1	9	15.20	51.4
N812294		4.85	0.122	1.09	7.18	109.5	1520	1.43	0.97	2.18	2.98	54.3	17.2	8	15.70	42.0
N812295		7.00	1.565	4.26	7.24	364	630	1.47	1.75	1.99	18.20	52.1	13.9	8	14.50	96.2
N812296		4.67	0.030	1.39	7.37	82.9	2010	1.37	0.80	2.49	3.34	41.6	7.6	8	16.65	48.9
N812297		1.82	0.010	0.39	7.08	38.9	2210	1.62	0.23	2.22	0.42	53.4	6.1	25	18.45	16.7
N812298		<0.02	0.014	0.43	7.44	43.1	2290	1.70	0.22	2.30	0.65	58.1	6.3	27	19.50	18.2
N812299		4.63	0.027	0.62	7.19	141.5	1710	1.71	0.28	3.12	0.46	42.1	8.6	9	19.25	19.1
N812300		3.73	0.060	2.68	7.23	232	1400	1.73	0.45	3.12	2.47	42.9	7.2	7	21.9	108.0
N814001		4.97	0.025	1.54	7.46	92.6	1970	1.55	0.32	1.89	1.25	43.8	6.9	8	14.95	152.5
N814002		2.89	0.121	5.81	7.41	786	1620	1.59	1.38	1.39	21.4	46.5	7.3	8	10.65	253
N814003		4.96	<0.005	0.20	7.70	12.3	2120	1.62	0.15	2.39	0.14	43.5	6.5	8	11.60	27.3
N814004		2.78	0.416	2.69	7.30	563	2520	1.53	0.75	1.82	27.2	42.3	8.2	8	14.25	40.4
N814005		3.58	0.056	1.48	7.25	312	2170	1.55	0.45	2.12	2.51	42.5	8.0	9	15.25	136.0
N814006		6.59	0.160	3.02	7.18	862	2130	1.45	0.70	2.69	6.68	38.9	11.9	8	20.7	42.3
N814007		4.04	0.169	2.50	6.88	291	1470	1.48	0.45	2.93	7.54	38.6	36.4	8	13.60	51.2
N814008		3.75	<0.005	0.03	0.12	<5	30	<0.05	0.64	21.0	0.10	1.19	1.7	<1	0.38	2.1
N814009		8.34	0.006	0.47	7.32	62.2	1790	1.40	0.18	3.38	0.33	41.6	5.5	10	20.6	15.6
N814010		3.14	0.118	3.06	6.66	379	1740	1.26	0.28	4.47	6.61	39.2	5.8	6	16.10	62.5
N814011		3.97	<0.005	0.02	0.09	<5	60	0.06	0.01	21.0	0.07	1.24	1.7	<1	0.21	1.0
N814012		2.99	0.014	0.98	7.13	78.7	1970	1.51	0.88	2.88	0.67	44.2	7.6	8	8.73	33.2
N814013		3.13	0.135	4.35	7.41	482	2440	1.72	0.53	2.15	10.35	44.8	35.0	9	8.29	21.2
N814014		0.28	4.41	>100	5.61	8210	1300	1.12	62.3	1.94	224	34.2	7.7	17	10.70	1240
N814015		6.53	<0.005	0.06	7.92	7.0	2020	1.45	0.10	2.86	0.12	42.8	6.3	10	11.80	7.0
N814016		3.84	0.013	0.17	7.22	13.4	2640	1.53	0.19	2.34	0.24	40.0	7.1	9	8.10	6.2
N814017		2.46	<0.005	0.15	7.47	9.4	2110	1.56	0.20	2.15	0.11	42.9	5.6	8	6.90	4.6
N814018		1.19	<0.005	0.11	7.66	8.6	1920	1.64	0.16	1.80	0.10	45.8	4.0	8	7.17	3.9
N814019		2.81	0.009	0.43	6.98	30.8	3760	1.53	0.11	3.57	1.48	43.8	5.1	7	17.50	6.6
N814020		4.47	<0.005	0.14	7.91	6.7	1890	1.59	0.07	1.49	0.08	44.0	6.4	17	16.35	7.7
N814021		3.77	0.013	0.29	7.20	30.9	1780	1.91	0.21	2.86	0.29	40.1	15.8	9	17.25	9.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12182337

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812286		6.58	13.90	0.18	1.0	1.710	2.59	27.0	20.5	0.88	1860	13.55	0.04	6.0	15.9	440
N812287		2.84	18.25	0.21	3.4	0.036	2.53	30.8	24.0	1.07	830	1.29	0.06	8.8	9.9	840
N812288		2.34	17.95	0.17	3.8	0.033	2.72	28.2	17.1	0.78	644	0.50	0.07	10.5	14.0	880
N812289		2.40	19.45	0.22	4.3	0.030	2.74	34.8	18.0	0.83	786	1.06	0.07	10.9	15.3	930
N812290		5.98	15.05	0.21	1.3	0.432	2.86	25.3	11.4	0.57	1690	3.40	0.03	6.8	5.1	580
N812291		3.90	15.40	0.19	0.9	0.186	3.32	25.5	14.3	0.84	1870	1.93	0.05	6.8	2.7	580
N812292		4.30	15.60	0.20	0.8	0.344	3.38	29.3	14.5	0.88	1550	1.34	0.06	6.6	2.9	570
N812293		4.00	16.35	0.22	0.8	0.120	3.40	26.7	19.6	0.80	1500	1.27	0.30	7.1	2.9	580
N812294		3.96	15.50	0.20	0.9	0.115	3.15	29.0	9.1	0.95	2100	1.00	0.04	6.5	2.5	590
N812295		4.23	15.55	0.19	1.1	0.253	3.08	27.0	10.7	0.83	2100	2.53	0.04	7.1	3.1	600
N812296		3.14	14.85	0.13	1.0	0.098	2.72	20.5	20.9	0.94	1180	1.86	0.05	7.1	3.2	610
N812297		2.12	17.70	0.15	3.1	0.032	2.34	26.0	76.8	0.84	547	0.80	0.08	9.4	11.5	910
N812298		2.21	18.05	0.15	3.1	0.035	2.44	28.5	80.0	0.88	571	0.81	0.08	9.8	11.6	940
N812299		3.18	15.70	0.15	1.1	0.057	2.90	20.3	14.9	1.07	1240	3.85	0.05	7.7	3.1	630
N812300		3.22	14.50	0.15	1.0	0.101	2.82	22.2	14.6	1.09	1440	2.42	0.04	6.7	2.8	570
N814001		3.37	16.35	0.14	1.1	0.085	3.01	21.2	31.4	0.69	1100	1.14	0.09	7.4	2.6	640
N814002		4.23	16.75	0.16	1.0	0.139	2.86	23.3	27.2	0.70	1640	1.43	0.06	7.1	2.5	590
N814003		3.21	15.45	0.13	1.2	0.042	2.69	21.3	15.6	0.75	564	1.26	1.56	7.2	2.6	630
N814004		3.45	16.95	0.15	1.1	0.130	2.95	20.1	31.8	0.60	1560	1.35	0.08	7.8	2.8	630
N814005		3.18	16.00	0.13	1.1	0.157	2.78	20.3	27.2	0.75	1240	1.78	0.07	7.1	2.6	620
N814006		3.65	15.70	0.15	0.8	0.147	2.72	18.7	23.7	0.86	1360	7.13	0.17	6.8	2.9	620
N814007		4.22	14.30	0.13	0.8	0.385	2.85	19.3	16.7	1.04	1440	2.29	0.49	5.8	2.9	550
N814008		0.47	0.42	0.27	<0.1	<0.005	0.06	0.6	1.1	12.85	215	0.20	0.01	0.4	3.3	190
N814009		2.99	15.80	0.15	0.9	0.064	2.74	20.0	45.3	0.92	1020	0.99	0.07	7.8	2.9	650
N814010		3.28	12.45	0.11	0.8	0.068	2.39	20.5	22.3	1.39	1500	1.62	0.05	5.8	2.6	540
N814011		0.47	0.38	0.29	<0.1	<0.005	0.03	0.6	0.9	12.85	214	0.12	<0.01	0.5	3.3	180
N814012		3.50	14.70	0.12	1.0	0.160	3.07	21.7	17.7	1.08	1860	2.36	0.05	6.4	2.5	610
N814013		4.30	15.60	0.14	0.8	0.125	2.88	22.8	25.8	0.95	1610	2.46	0.05	6.5	3.6	570
N814014		8.02	12.30	0.13	1.0	4.00	2.25	17.7	28.4	0.63	2980	15.05	0.08	4.9	12.0	450
N814015		3.30	16.90	0.12	1.2	0.046	2.43	20.7	48.4	0.74	636	1.30	1.39	8.7	2.5	670
N814016		3.05	16.10	0.13	0.9	0.068	2.79	18.6	21.4	0.53	593	0.99	1.11	7.2	2.7	610
N814017		3.47	16.30	0.15	0.8	0.090	2.40	20.6	44.9	0.72	797	1.12	0.24	7.1	2.9	640
N814018		3.33	16.30	0.14	0.8	0.077	2.37	22.7	53.2	0.70	737	4.27	0.24	6.7	2.5	620
N814019		3.13	14.30	0.15	0.8	0.049	2.36	23.1	47.4	1.06	1400	1.79	0.05	6.3	2.7	530
N814020		3.25	17.25	0.14	1.2	0.047	2.63	20.6	33.9	0.48	589	1.11	0.52	8.7	2.5	670
N814021		3.39	16.00	0.18	1.1	0.069	2.47	19.2	21.7	0.91	879	1.09	1.08	7.2	3.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12182337

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812286		2690	163.0	<0.002	4.87	89.6	9.3	1	7.8	88.2	0.52	0.37	12.2	0.172	2.27	5.7
N812287		29.3	88.9	<0.002	0.08	12.65	9.5	1	1.5	245	0.68	<0.05	10.0	0.302	1.40	5.5
N812288		23.3	81.6	<0.002	0.04	14.15	5.9	1	1.4	306	0.85	<0.05	10.5	0.257	1.80	5.2
N812289		28.3	91.5	<0.002	0.13	11.10	6.9	1	1.6	178.0	0.80	<0.05	12.0	0.267	2.02	6.8
N812290		708	186.5	0.002	5.56	17.75	11.3	2	4.7	56.4	0.55	0.18	12.4	0.207	2.87	4.5
N812291		98.9	157.0	0.002	1.11	14.95	11.9	1	2.2	117.5	0.59	0.07	12.6	0.217	2.70	5.5
N812292		140.5	174.5	<0.002	1.24	16.85	12.0	1	2.8	136.0	0.58	0.13	14.6	0.216	2.52	6.6
N812293		39.5	150.0	<0.002	0.55	7.10	12.2	1	2.3	169.5	0.58	0.05	13.8	0.229	2.20	5.4
N812294		158.0	154.0	<0.002	0.96	6.98	12.2	1	2.6	109.0	0.57	0.08	13.5	0.220	2.47	7.4
N812295		799	160.5	<0.002	2.21	17.50	12.0	1	3.4	97.1	0.61	0.16	14.6	0.222	2.65	5.2
N812296		165.0	94.2	<0.002	0.53	12.00	10.6	1	2.0	141.0	0.54	0.08	11.4	0.261	1.70	3.6
N812297		27.5	72.8	<0.002	0.18	6.87	6.2	1	2.0	260	0.69	<0.05	9.9	0.271	1.56	3.1
N812298		21.2	84.4	<0.002	0.20	7.14	6.5	1	2.0	268	0.68	<0.05	9.8	0.281	1.54	3.2
N812299		28.9	106.0	<0.002	0.41	5.61	11.1	1	1.6	207	0.63	<0.05	11.5	0.267	2.27	3.5
N812300		114.5	134.0	<0.002	0.66	12.05	10.5	2	1.7	178.5	0.54	0.05	11.9	0.242	2.24	4.6
N814001		61.2	114.0	<0.002	0.38	11.90	11.3	1	1.7	117.0	0.58	<0.05	12.7	0.273	1.90	3.1
N814002		585	135.0	<0.002	1.31	24.8	11.5	2	4.7	88.0	0.57	0.24	12.5	0.250	1.87	2.9
N814003		14.2	96.5	<0.002	0.08	4.13	11.0	1	1.4	299	0.58	<0.05	12.0	0.269	1.04	3.2
N814004		849	116.5	<0.002	0.99	15.85	11.4	2	2.4	114.0	0.57	0.07	10.9	0.268	1.87	2.7
N814005		129.5	107.5	<0.002	0.50	20.3	10.8	1	2.0	104.0	0.58	<0.05	11.4	0.261	1.72	4.2
N814006		648	102.0	<0.002	1.00	12.75	10.6	2	2.0	140.0	0.47	0.06	8.1	0.270	1.64	2.4
N814007		466	133.5	<0.002	1.63	12.35	9.9	2	1.9	168.5	0.43	0.10	9.2	0.219	1.92	3.7
N814008		3.4	2.5	<0.002	0.02	0.13	0.5	1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.3
N814009		29.3	98.1	<0.002	0.26	9.42	11.0	1	1.7	152.5	0.55	<0.05	9.0	0.282	1.64	3.6
N814010		493	110.0	<0.002	0.73	18.00	9.4	1	1.6	180.0	0.44	0.05	8.6	0.223	1.48	5.4
N814011		1.7	1.5	<0.002	0.01	0.11	0.3	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814012		38.1	133.0	<0.002	0.64	10.85	10.2	1	2.4	129.0	0.48	0.14	8.9	0.234	2.10	4.3
N814013		854	144.5	<0.002	1.31	11.00	10.9	2	2.4	106.5	0.53	0.11	9.4	0.240	1.95	3.3
N814014		9330	123.5	<0.002	7.02	217	6.3	3	7.7	120.0	0.40	0.44	7.4	0.180	2.03	4.5
N814015		15.1	89.6	<0.002	0.03	7.41	11.4	1	1.6	342	0.67	<0.05	11.1	0.279	1.03	2.9
N814016		18.5	100.5	<0.002	0.10	5.73	10.5	1	1.6	189.5	0.56	<0.05	8.6	0.269	1.24	2.7
N814017		8.7	101.5	<0.002	0.08	8.56	11.3	2	1.8	110.5	0.52	<0.05	11.2	0.264	1.45	2.0
N814018		7.8	106.0	<0.002	0.06	8.65	11.0	1	1.8	111.0	0.53	<0.05	11.8	0.257	1.36	2.0
N814019		69.8	120.5	<0.002	0.32	8.94	10.1	1	1.4	143.5	0.44	<0.05	11.2	0.229	1.69	5.0
N814020		13.1	104.0	<0.002	0.02	15.55	12.8	2	1.8	141.5	0.68	<0.05	12.6	0.302	1.11	2.4
N814021		25.4	101.0	<0.002	0.36	6.23	11.0	1	1.5	194.0	0.64	<0.05	9.1	0.251	1.52	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12182337

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812286		55	5.3	10.3	5250	26.1		
N812287		71	1.9	13.8	185	117.0		
N812288		49	2.0	9.8	121	132.5		
N812289		52	1.4	11.8	138	157.0		
N812290		61	5.4	10.6	2110	37.4		
N812291		67	4.3	12.8	237	20.8		
N812292		66	4.1	12.5	577	18.5		
N812293		68	3.4	13.0	117	20.8		
N812294		70	3.8	12.6	381	20.4		
N812295		66	6.5	12.1	2040	29.2		
N812296		74	2.2	12.1	331	31.6		
N812297		54	1.8	9.3	70	133.0		
N812298		55	1.8	10.2	92	139.0		
N812299		78	6.6	14.8	78	26.1		
N812300		72	4.9	14.6	235	24.2		
N814001		78	5.8	13.5	141	28.2		
N814002		74	7.1	11.9	1540	25.0		
N814003		76	2.1	14.2	59	29.3		
N814004		76	4.4	14.3	1780	29.1		
N814005		75	4.7	12.6	290	27.8		
N814006		81	2.8	11.8	788	20.9		
N814007		72	3.1	10.9	835	20.0		
N814008		3	0.1	0.8	17	<0.5		
N814009		81	2.8	13.9	72	22.9		
N814010		68	9.0	13.7	670	19.3		
N814011		3	0.1	0.8	17	<0.5		
N814012		74	4.4	11.0	107	24.7		
N814013		78	3.1	12.1	1280	21.4		
N814014		53	4.1	7.7	>10000	33.1	123	1.615
N814015		76	2.2	16.4	53	27.0		
N814016		76	4.1	12.5	70	22.8		
N814017		79	3.2	15.3	75	22.8		
N814018		78	3.3	14.7	73	20.6		
N814019		69	5.8	14.9	169	20.6		
N814020		86	4.5	15.1	49	32.0		
N814021		76	3.0	13.5	71	25.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12182337

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182338

Project: Klaza-98

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

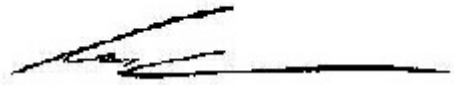
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12182338

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812402		1.69	0.006	0.18	7.26	31.1	1460	1.31	0.30	3.31	0.07	39.3	7.8	9	15.50	4.9
N812403		1.69	0.005	0.10	6.59	10.3	1470	1.36	0.45	3.28	0.12	37.1	7.8	8	13.55	2.6
N812404		1.55	0.005	0.09	6.87	9.2	2390	1.36	0.20	3.85	0.08	35.7	6.7	8	12.25	2.7
N812405		4.95	<0.005	0.05	7.56	4.8	2030	1.57	0.06	3.05	0.07	51.9	8.2	12	13.65	4.8
N812406		0.26	2.39	24.7	5.71	3030	1710	1.31	19.95	2.16	76.1	44.0	10.6	18	12.90	415
N812407		1.51	0.005	0.27	7.43	5.7	2100	1.51	0.06	2.87	0.09	44.8	7.8	9	12.40	6.3
N812408		1.35	0.012	0.23	6.87	171.0	1910	1.35	0.08	2.69	0.66	43.3	8.2	9	14.60	7.0
N812409		0.77	0.012	0.30	7.32	164.0	1890	1.47	0.13	2.79	0.95	48.0	9.1	8	15.70	7.7
N812410		1.71	<0.005	0.10	7.65	13.1	2050	1.46	0.05	2.72	0.05	46.7	8.0	9	14.10	6.7
N812411		2.41	<0.005	0.04	7.35	5.9	1550	1.30	0.10	3.24	0.11	42.3	8.0	14	14.10	6.6
N812412		2.89	<0.005	0.04	7.14	4.4	1900	1.29	0.07	2.83	0.07	41.8	7.6	10	12.65	4.5
N812413		2.48	<0.005	0.04	7.21	3.7	2420	1.51	0.05	2.43	0.05	43.2	7.8	9	10.30	4.2
N812414		1.87	<0.005	0.10	7.71	13.2	1320	1.28	0.15	2.96	0.18	43.6	8.5	7	12.15	3.6
N812415		3.80	<0.005	0.05	7.05	5.6	1170	1.31	0.06	2.76	0.09	40.8	7.9	9	13.05	5.2
N812416		1.90	0.108	1.93	7.40	117.5	920	1.38	0.24	3.31	0.51	48.5	8.5	10	15.00	8.3
N812417		1.59	<0.005	0.06	0.12	5	20	0.05	0.02	20.7	0.07	1.01	0.8	2	0.44	1.6
N812418		1.99	<0.005	0.08	8.02	4.6	2040	1.19	0.09	1.12	0.10	53.9	7.0	10	14.90	7.4
N812419		3.54	<0.005	0.06	7.55	4.2	1830	1.43	0.07	2.21	0.06	44.3	7.2	9	15.30	7.5
N812420		1.46	0.009	0.17	7.13	120.0	1320	1.63	0.05	1.88	0.35	42.4	8.3	8	16.60	4.5
N812421		2.24	<0.005	0.07	7.24	5.1	1900	1.63	0.05	2.39	0.09	42.6	8.0	10	17.75	10.2
N812422		1.67	<0.005	0.13	7.15	4.4	1890	1.35	0.05	2.50	0.08	41.3	7.5	8	14.90	9.8
N812423		3.12	<0.005	0.07	7.54	4.0	2010	1.41	0.08	2.74	0.07	42.9	7.9	10	10.90	6.5
N812424		0.22	0.747	9.00	6.66	1595	1880	1.41	6.63	1.93	40.8	45.7	16.1	20	14.25	104.5
N812425		3.40	<0.005	0.07	7.50	3.5	1680	1.39	0.12	3.08	0.06	39.7	8.5	12	11.60	11.3
N812426		2.76	<0.005	0.05	7.45	4.7	2510	1.45	0.13	2.99	0.07	37.4	8.4	9	10.75	6.7
N812427		2.78	<0.005	0.06	7.25	6.2	1850	1.38	0.12	2.45	0.06	42.3	8.0	10	12.35	5.8
N812428		3.27	<0.005	0.05	7.52	2.3	1990	1.50	0.09	2.64	0.06	41.4	8.5	11	18.35	7.3
N812429		4.36	<0.005	0.04	6.97	3.8	900	1.26	0.08	2.85	0.06	39.5	8.2	11	12.15	4.4
N812430		3.56	<0.005	0.03	7.86	2.7	2390	1.37	0.11	1.51	0.05	55.4	9.2	10	14.45	5.7
N812431		3.33	<0.005	0.03	7.25	3.2	2590	1.51	0.08	3.10	0.06	41.0	8.3	11	15.35	4.2
N812432		1.36	0.068	6.86	6.88	341	1200	1.40	0.18	3.19	1.09	44.2	7.7	8	17.20	16.2
N812433		2.21	<0.005	0.03	0.10	<5	20	0.06	0.02	22.1	0.05	1.35	1.1	1	0.37	1.7
N812434		4.60	<0.005	0.08	8.04	4.5	2070	1.66	0.13	2.83	0.10	51.2	8.2	11	16.20	7.5
N812435		3.23	0.023	0.47	6.98	421	1180	1.36	0.11	3.05	0.67	43.2	8.4	9	18.15	8.4
N812436		<0.02	0.024	0.36	7.14	415	1220	1.23	0.10	3.00	0.54	41.2	7.3	9	16.35	7.3
N812437		4.06	<0.005	0.06	7.64	7.6	2040	1.52	0.12	2.92	0.09	46.0	8.5	10	14.85	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12182338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812402		2.99	15.20	0.13	1.2	0.043	2.98	19.9	19.8	0.82	1620	0.32	1.05	7.1	2.6	590
N812403		3.07	14.00	0.11	1.3	0.032	2.15	17.9	44.9	0.79	1260	0.19	1.37	7.0	2.7	590
N812404		2.81	14.15	0.10	1.3	0.036	2.44	18.0	11.6	0.71	1370	0.22	1.63	6.7	2.3	580
N812405		3.22	16.40	0.14	1.4	0.040	2.74	25.3	13.3	0.92	793	0.73	2.13	7.7	2.9	610
N812406		6.54	14.10	0.12	1.0	1.650	2.57	23.5	23.3	0.91	1790	12.80	0.04	5.7	15.1	420
N812407		3.14	15.95	0.10	1.4	0.043	2.71	21.7	12.4	0.89	708	0.62	2.16	7.5	2.7	610
N812408		3.31	15.55	0.14	1.3	0.057	3.21	20.3	16.7	0.81	1640	0.51	1.24	7.6	2.9	590
N812409		3.56	16.75	0.14	1.4	0.067	3.29	23.7	16.8	0.89	1740	0.62	1.23	8.3	3.0	630
N812410		3.20	16.00	0.12	1.3	0.042	2.95	23.4	11.3	0.82	937	0.57	1.89	7.5	2.7	610
N812411		3.21	16.25	0.16	1.4	0.036	3.04	20.6	42.3	0.92	1150	0.47	0.92	8.3	3.7	660
N812412		3.13	14.35	0.15	1.2	0.045	2.98	21.1	42.7	0.74	932	0.48	1.22	7.0	2.7	600
N812413		2.96	14.55	0.13	1.3	0.031	2.81	21.0	11.3	0.69	678	0.45	2.14	7.0	2.5	580
N812414		3.38	15.95	0.14	1.2	0.031	3.01	22.3	36.6	1.06	1510	0.32	0.29	7.0	2.7	580
N812415		3.25	14.55	0.12	1.3	0.033	2.65	19.1	47.1	0.99	881	0.38	0.36	6.9	2.6	570
N812416		3.29	14.95	0.14	1.4	0.091	3.22	24.2	35.2	1.15	3020	0.61	0.05	7.2	2.9	620
N812417		0.49	0.30	0.18	<0.1	0.006	0.06	0.5	1.7	12.75	217	0.10	0.01	0.1	2.1	180
N812418		2.80	16.65	0.18	1.5	0.036	2.92	29.3	27.2	0.53	374	0.86	0.86	7.9	2.7	640
N812419		2.91	16.20	0.17	1.5	0.039	2.79	21.9	20.3	0.57	563	0.70	1.45	7.6	2.5	610
N812420		3.10	18.25	0.13	1.4	0.041	2.92	20.9	32.9	0.73	1680	0.37	0.58	7.6	2.8	560
N812421		3.06	16.10	0.12	1.5	0.032	2.65	19.5	19.1	0.80	646	0.84	2.00	7.9	2.8	590
N812422		2.98	15.70	0.14	1.4	0.031	2.67	20.3	29.7	0.69	714	0.59	1.49	7.6	2.9	540
N812423		3.20	15.95	0.13	1.4	0.035	2.74	19.9	14.5	0.89	777	0.81	2.26	7.8	2.6	620
N812424		5.37	14.70	0.11	1.4	0.883	2.86	23.2	24.6	0.72	1960	11.90	0.26	7.1	15.1	490
N812425		3.30	17.75	0.17	1.5	0.068	2.61	19.2	12.0	0.86	986	1.10	2.01	8.6	3.1	600
N812426		3.28	17.65	0.18	1.4	0.055	2.70	18.1	13.8	0.90	911	1.08	2.18	8.4	2.9	630
N812427		3.18	16.95	0.20	1.4	0.051	2.86	21.0	18.2	0.70	810	0.67	1.78	8.5	2.8	600
N812428		3.12	17.70	0.20	1.4	0.040	2.70	20.3	11.7	0.79	715	0.99	2.21	8.7	3.0	600
N812429		3.27	15.40	0.20	1.2	0.052	2.43	19.9	24.9	0.88	1040	0.53	0.96	7.8	3.0	570
N812430		3.36	17.30	0.18	1.5	0.045	2.59	28.7	20.0	0.68	797	0.49	1.14	9.1	3.1	720
N812431		3.12	16.70	0.20	1.4	0.037	2.80	19.6	13.4	0.80	934	0.38	2.06	8.1	2.9	600
N812432		3.34	16.65	0.19	1.3	0.061	3.11	22.1	38.1	0.82	7030	0.59	0.47	7.8	2.7	550
N812433		0.50	0.39	0.14	<0.1	<0.005	0.04	0.6	1.1	13.20	236	0.16	0.01	0.3	2.3	200
N812434		3.27	18.35	0.17	1.6	0.044	2.79	24.9	23.1	0.86	781	1.19	2.20	9.6	2.9	640
N812435		3.10	16.15	0.17	1.4	0.039	3.40	21.4	32.4	0.86	3100	0.73	0.58	8.5	3.3	570
N812436		3.08	14.45	0.14	1.3	0.035	3.46	20.5	29.2	0.85	3100	0.63	0.59	7.7	2.6	580
N812437		3.26	17.95	0.18	1.4	0.052	2.91	22.0	15.0	0.85	1020	0.87	1.99	8.8	2.9	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12182338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812402		15.5	122.5	0.003	0.09	7.46	10.9	1	1.6	163.0	0.57	<0.05	10.4	0.260	1.82	2.4
N812403		18.3	73.1	0.002	0.08	7.98	9.9	1	1.5	228	0.56	<0.05	9.8	0.259	1.28	2.5
N812404		6.9	93.3	0.002	0.16	2.83	9.4	2	1.5	164.0	0.57	<0.05	10.0	0.254	1.54	4.1
N812405		16.9	99.2	0.002	0.01	2.12	11.7	2	1.6	382	0.64	<0.05	12.1	0.271	1.18	3.3
N812406		2650	148.0	0.004	4.73	89.0	7.9	2	7.8	93.2	0.44	0.39	10.7	0.172	2.17	5.3
N812407		16.4	89.0	0.003	0.01	1.73	11.1	2	1.6	397	0.63	<0.05	11.1	0.271	1.05	3.0
N812408		37.2	121.5	0.004	0.26	9.49	11.2	1	1.8	243	0.61	<0.05	10.5	0.278	1.91	5.0
N812409		40.4	141.5	0.002	0.29	10.15	12.3	1	2.0	239	0.67	<0.05	11.4	0.283	2.00	5.6
N812410		18.8	113.5	0.004	0.05	3.02	11.1	<1	1.7	355	0.58	<0.05	12.7	0.268	1.29	3.8
N812411		11.6	114.0	0.002	0.03	9.01	11.2	1	1.8	189.0	0.65	<0.05	10.9	0.288	1.65	3.2
N812412		15.1	109.5	0.003	0.03	7.03	10.1	1	1.5	225	0.58	<0.05	10.8	0.259	1.47	3.1
N812413		16.2	95.4	0.002	0.02	2.51	10.3	1	1.4	330	0.60	<0.05	11.2	0.254	1.13	2.4
N812414		15.1	117.5	0.002	0.18	15.20	10.5	1	1.4	147.5	0.56	<0.05	12.1	0.256	1.74	4.5
N812415		13.0	81.0	<0.002	0.02	12.35	9.7	1	1.5	135.5	0.57	<0.05	10.5	0.253	1.30	2.1
N812416		23.9	162.5	0.004	0.74	16.00	11.6	1	1.6	92.1	0.60	<0.05	13.0	0.264	2.14	7.9
N812417		1.4	2.6	0.003	0.02	0.12	0.3	1	<0.2	35.9	<0.05	<0.05	<0.2	0.005	0.03	0.4
N812418		16.8	119.0	0.002	0.01	12.25	12.0	1	1.9	193.5	0.67	<0.05	14.1	0.282	1.20	2.9
N812419		16.0	97.9	0.002	0.01	6.14	10.3	1	1.7	259	0.64	<0.05	12.0	0.278	1.19	2.4
N812420		12.0	123.0	0.003	0.24	14.10	10.7	1	1.6	134.0	0.66	<0.05	11.4	0.253	1.58	6.3
N812421		18.8	97.1	<0.002	0.01	2.92	10.9	1	1.9	373	0.69	<0.05	11.9	0.269	1.01	3.5
N812422		13.8	104.0	0.002	0.02	7.23	10.3	1	1.9	266	0.61	<0.05	11.8	0.252	1.11	4.7
N812423		16.7	94.3	0.002	0.01	1.49	10.7	1	1.5	385	0.65	<0.05	12.0	0.272	1.04	4.3
N812424		1320	146.5	0.003	3.19	32.2	8.5	1	5.6	152.0	0.58	0.27	11.9	0.205	2.36	5.3
N812425		13.6	99.0	<0.002	0.04	2.45	11.3	1	1.8	262	0.72	<0.05	11.2	0.270	1.13	5.5
N812426		16.4	92.3	<0.002	0.06	2.13	11.0	1	1.8	357	0.73	<0.05	10.0	0.268	1.01	3.4
N812427		16.8	96.7	<0.002	0.09	3.57	10.7	1	1.9	287	0.74	<0.05	11.4	0.264	1.13	3.5
N812428		17.5	90.6	<0.002	0.01	1.64	11.3	1	1.8	391	0.72	<0.05	11.3	0.265	0.94	2.9
N812429		13.6	84.8	<0.002	0.06	8.93	10.5	1	1.8	142.0	0.63	<0.05	10.3	0.257	1.13	2.7
N812430		12.4	111.5	<0.002	0.04	11.25	12.9	1	2.0	161.5	0.76	<0.05	14.2	0.301	1.14	3.1
N812431		13.9	97.9	<0.002	0.04	4.61	10.8	1	1.7	329	0.67	<0.05	10.8	0.261	1.27	3.6
N812432		302	121.5	<0.002	0.92	61.6	10.0	1	1.9	164.0	0.68	<0.05	11.1	0.244	1.84	5.1
N812433		1.4	2.2	<0.002	0.02	0.19	0.4	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	<0.02	0.6
N812434		19.2	99.3	<0.002	0.01	2.79	11.9	1	2.0	422	0.97	<0.05	12.9	0.282	0.98	3.8
N812435		43.8	148.5	<0.002	0.51	19.25	10.6	1	1.8	180.0	0.88	<0.05	11.6	0.252	2.13	5.9
N812436		36.0	139.0	<0.002	0.50	16.75	9.5	1	1.6	174.5	0.78	<0.05	10.7	0.258	1.91	5.3
N812437		19.0	105.0	<0.002	0.03	3.52	11.7	1	1.9	371	0.70	<0.05	11.4	0.281	1.36	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12182338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812402		76	1.8	12.3	70	24.7
N812403		69	1.4	11.4	121	25.1
N812404		70	1.3	11.1	78	25.0
N812405		77	0.8	16.2	55	29.5
N812406		53	4.8	9.4	5200	25.4
N812407		76	0.8	15.0	56	28.4
N812408		80	2.0	13.2	134	26.4
N812409		83	2.2	14.8	175	27.6
N812410		75	1.3	14.1	55	27.7
N812411		79	1.4	12.3	73	28.7
N812412		71	1.6	11.7	59	25.6
N812413		70	1.3	11.7	51	26.6
N812414		81	1.6	14.0	75	26.0
N812415		74	1.8	12.3	60	25.9
N812416		76	2.3	15.8	81	29.4
N812417		3	0.1	0.8	13	<0.5
N812418		80	3.4	15.5	55	30.2
N812419		76	2.1	13.8	52	28.4
N812420		76	1.9	13.9	74	30.7
N812421		74	1.5	14.8	58	30.5
N812422		71	1.5	13.7	59	29.2
N812423		77	1.6	15.0	59	30.0
N812424		57	5.0	10.7	3000	35.2
N812425		73	2.1	16.3	62	39.0
N812426		79	2.7	16.0	59	36.5
N812427		72	1.8	15.2	57	37.5
N812428		72	1.5	15.8	55	38.1
N812429		69	1.9	13.6	57	31.4
N812430		82	1.8	17.6	61	38.5
N812431		72	1.2	14.7	53	38.3
N812432		68	2.2	14.1	120	35.1
N812433		2	0.1	0.9	13	<0.5
N812434		79	1.8	18.9	60	39.1
N812435		69	2.3	15.7	103	36.2
N812436		70	2.0	14.2	99	33.7
N812437		79	2.0	16.8	60	36.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12182338

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182339

Project: Klaza-93/96

P.O. No.: Batch 1

This report is for 38 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

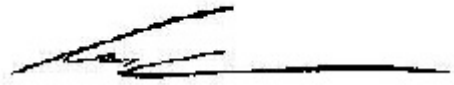
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-93/96

CERTIFICATE OF ANALYSIS WH12182339

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813884		3.62	0.016	0.31	7.43	12.7	2490	1.41	0.62	2.34	1.87	45.4	4.8	13	13.30	26.6
N813885		3.86	0.032	1.13	7.09	27.8	1920	1.54	1.55	2.56	5.63	35.0	14.1	13	13.70	29.4
N813886		7.27	0.025	0.59	7.54	31.6	2000	1.43	1.31	2.47	2.70	47.4	9.4	18	14.10	25.4
N813887		7.12	<0.005	0.55	7.30	20.9	1620	1.51	0.87	2.83	0.32	47.4	8.9	14	13.90	143.0
N813888		7.79	<0.005	0.39	6.88	25.5	2180	1.38	0.65	4.23	0.14	41.0	8.0	11	13.00	46.4
N813889		3.29	<0.005	0.30	7.88	14.6	460	1.73	0.62	4.82	0.20	45.2	8.1	8	13.25	42.2
N813890		1.72	<0.005	0.30	8.41	13.6	500	1.85	0.57	5.23	0.18	49.8	8.1	13	14.80	40.2
N813891		4.35	<0.005	0.51	7.67	15.8	800	1.51	1.23	2.20	0.40	51.6	8.6	14	20.2	38.5
N813892		6.34	<0.005	0.61	7.47	19.6	1680	1.49	0.73	2.91	0.40	40.5	8.6	16	12.45	130.0
N813893		3.04	<0.005	0.19	6.79	15.5	1570	1.48	0.28	2.93	0.14	38.6	8.4	12	17.05	29.0
N813894		8.39	<0.005	0.42	7.32	5.7	2200	1.37	0.64	2.74	0.33	44.3	8.3	15	10.80	78.6
N813895		8.14	<0.005	0.30	7.48	22.0	1900	1.48	0.48	3.04	0.77	43.2	8.7	15	8.67	26.7
N813896		2.36	<0.005	0.09	6.76	2.9	2020	1.37	0.14	3.66	0.13	37.9	8.3	17	8.02	10.6
N813897		5.56	<0.005	0.08	7.67	1.8	2010	1.48	0.16	2.86	0.09	46.5	8.6	14	4.43	8.2
N813898		0.26	0.810	10.25	6.90	1945	1620	1.50	6.49	1.88	42.8	50.1	17.1	22	16.95	109.5
N813899		8.20	<0.005	0.24	7.41	5.1	1990	1.41	0.16	2.96	0.13	45.7	8.3	15	7.03	8.4
N813900		5.14	<0.005	0.11	7.33	2.4	1880	1.53	0.09	3.18	0.10	42.7	9.4	14	8.63	12.1
N813901		Not Recvd														
N813902		2.85	0.010	0.33	7.72	131.0	560	1.67	0.18	3.30	0.19	51.0	7.5	8	21.9	7.9
N813903		5.02	<0.005	0.36	7.60	45.9	1650	1.42	0.35	2.39	0.32	39.0	8.0	10	14.80	52.3
N813904		2.79	<0.005	0.21	7.80	188.0	840	1.59	0.18	2.90	0.20	45.1	9.4	9	19.10	7.7
N813905		3.64	<0.005	0.03	0.11	<5	20	0.07	0.05	21.6	0.07	1.30	0.7	1	0.26	2.0
N813906		8.57	<0.005	0.20	7.71	16.1	1840	1.34	0.32	2.65	0.13	38.7	8.6	8	13.90	16.4
N813907		3.88	<0.005	0.09	7.69	9.3	1930	1.40	0.08	4.00	0.10	41.0	9.2	9	14.30	10.4
N813908		4.40	<0.005	0.21	8.39	4.8	1890	1.51	0.62	2.52	0.51	45.8	9.0	8	12.90	20.3
N813909		4.08	<0.005	0.20	7.70	21.9	970	1.63	0.43	2.54	0.23	46.6	8.9	8	21.7	20.2
N813910		0.26	2.27	27.2	6.19	3160	390	1.23	19.80	2.10	80.1	43.9	11.1	17	14.55	455
N813911		4.75	0.580	0.49	7.79	53.6	1910	1.58	0.27	2.63	4.01	42.5	8.7	10	13.60	9.0
N813912		3.20	<0.005	0.19	7.35	69.1	1530	1.28	0.15	2.30	0.18	36.7	7.4	8	17.70	8.6
N813913		3.15	<0.005	0.25	8.04	3.5	2070	1.58	0.18	3.02	0.17	42.3	8.7	9	12.65	34.6
N813914		2.59	<0.005	0.49	6.94	65.5	1680	1.23	0.74	1.99	0.24	40.8	7.8	7	16.30	59.4
N813915		3.60	<0.005	1.10	8.05	37.3	1560	1.51	0.66	2.48	0.66	43.8	8.3	12	19.05	50.6
N813916		2.59	0.114	1.84	5.25	545	680	0.98	0.58	4.76	1.19	28.8	7.5	5	11.25	10.6
N813917		4.46	<0.005	0.07	0.09	<5	20	0.07	0.04	21.6	0.07	1.10	0.6	1	0.25	1.6
N813918		Not Recvd														
N813919		7.52	<0.005	0.30	8.00	8.3	2010	1.32	0.85	3.13	0.17	44.3	8.7	11	11.55	30.6
N813920		<0.02	<0.005	0.35	7.98	7.7	1990	1.56	0.92	3.07	0.17	44.4	8.7	10	11.40	30.8
N813921		8.37	<0.005	0.13	7.71	9.3	2050	1.41	0.22	3.14	0.11	43.2	8.7	13	12.60	10.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-93/96

CERTIFICATE OF ANALYSIS WH12182339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813884		2.58	16.15	0.11	1.0	0.119	2.79	23.1	12.0	0.66	503	3.18	2.05	7.4	1.8	580
N813885		2.73	15.70	0.15	0.9	0.394	2.58	16.9	13.2	0.57	658	2.89	1.80	7.3	2.3	560
N813886		3.21	16.70	0.13	1.0	0.194	2.74	24.3	18.4	0.80	556	1.57	1.67	7.7	2.6	610
N813887		3.10	16.75	0.14	1.1	0.095	2.37	21.5	25.9	0.65	846	61.1	0.82	7.9	2.4	610
N813888		3.33	14.60	0.12	1.2	0.086	2.86	19.5	18.6	1.14	1160	6.83	0.07	7.3	2.2	640
N813889		3.70	16.20	0.15	1.4	0.074	2.80	20.8	28.0	1.33	1320	1.12	0.05	7.7	2.1	660
N813890		3.96	18.90	0.15	1.5	0.085	3.06	23.1	32.4	1.40	1420	0.88	0.05	9.2	2.4	750
N813891		2.88	17.05	0.16	1.4	0.100	2.62	26.4	29.4	0.62	852	1.49	0.17	8.0	2.1	630
N813892		3.21	17.35	0.14	1.3	0.078	2.46	19.2	18.8	0.79	732	2.52	1.57	8.1	2.5	670
N813893		3.11	16.60	0.14	1.3	0.059	2.35	16.4	14.3	0.68	1120	1.94	1.41	7.8	2.4	630
N813894		3.14	16.85	0.17	1.2	0.068	2.38	21.6	11.4	0.83	696	1.06	2.01	7.6	2.4	630
N813895		3.33	16.85	0.15	1.2	0.104	2.48	21.6	13.6	0.91	995	1.04	1.99	8.0	2.9	670
N813896		3.31	15.75	0.11	1.1	0.044	2.15	17.2	11.3	1.04	848	1.16	1.97	7.4	2.9	620
N813897		3.10	16.95	0.14	1.2	0.039	2.43	23.2	14.7	0.92	698	1.72	2.22	7.7	2.6	640
N813898		5.23	15.80	0.15	1.5	0.907	2.85	25.3	25.7	0.68	2000	12.35	0.26	7.4	15.3	510
N813899		3.18	16.20	0.15	1.2	0.045	2.47	20.6	15.7	0.87	793	1.20	2.12	7.7	2.4	660
N813900		3.32	17.65	0.12	1.3	0.046	2.37	18.9	16.5	0.98	823	0.72	2.30	8.3	2.9	720
N813901																
N813902		2.77	16.75	0.15	1.3	0.048	2.95	26.9	41.7	0.95	3630	1.26	0.07	7.7	2.1	670
N813903		3.35	16.25	0.09	1.3	0.113	3.66	19.3	32.5	0.80	2410	1.85	0.28	7.0	2.9	650
N813904		3.27	16.60	0.17	1.1	0.067	3.58	25.4	21.5	1.00	2740	0.89	0.05	6.8	2.8	590
N813905		0.50	0.29	0.09	<0.1	0.011	0.05	0.7	1.1	13.55	239	0.11	<0.01	0.2	1.9	180
N813906		3.05	16.05	0.14	1.2	0.055	2.71	18.5	18.2	0.85	928	1.39	1.51	7.2	2.8	640
N813907		3.04	16.45	0.14	1.3	0.043	2.47	20.2	22.5	0.79	858	1.44	1.71	7.2	2.9	620
N813908		3.25	17.80	0.16	1.3	0.113	2.51	22.4	29.5	0.80	644	0.84	1.49	7.6	3.0	680
N813909		3.13	16.45	0.12	1.3	0.060	3.03	22.5	54.3	0.85	1290	1.48	0.28	7.8	2.8	710
N813910		6.50	14.55	0.13	0.9	1.635	2.70	22.9	23.9	0.88	1860	12.35	0.04	5.4	16.4	450
N813911		3.86	17.00	0.13	1.1	0.074	2.75	20.2	25.3	0.87	1780	1.43	1.55	7.2	3.0	660
N813912		3.44	16.35	0.16	1.1	0.120	3.07	16.9	20.7	0.69	1720	2.04	0.14	7.3	2.7	660
N813913		3.24	16.70	0.13	1.1	0.055	2.53	20.3	10.9	0.91	760	2.14	2.23	7.3	3.0	660
N813914		3.19	14.10	0.13	1.0	0.071	2.55	21.3	20.6	0.73	1240	8.25	0.16	6.1	2.7	580
N813915		3.21	16.85	0.16	1.1	0.086	2.84	22.1	24.9	0.76	1780	4.11	1.04	7.2	3.0	670
N813916		5.20	10.20	0.17	0.8	0.105	2.26	16.6	22.4	1.72	4530	3.01	0.02	4.4	2.5	410
N813917		0.49	0.23	0.10	<0.1	0.012	0.04	0.6	1.0	13.50	234	0.12	0.01	0.1	1.7	180
N813918																
N813919		3.47	17.15	0.15	1.2	0.059	2.75	21.3	11.7	0.98	962	4.66	1.88	7.3	3.1	670
N813920		3.45	16.75	0.14	1.1	0.067	2.79	20.6	11.9	0.93	968	3.96	1.89	7.4	3.1	670
N813921		3.23	16.75	0.13	1.2	0.064	2.67	20.7	15.6	0.89	1030	2.31	1.75	7.2	3.0	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-93/96

CERTIFICATE OF ANALYSIS WH12182339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813884		76.9	102.5	<0.002	0.28	2.58	9.0	<1	2.6	382	0.66	0.05	13.4	0.245	1.38	3.4
N813885		258	116.5	<0.002	1.14	2.30	8.9	<1	3.7	261	0.64	0.35	12.3	0.231	1.60	3.2
N813886		46.4	120.5	<0.002	1.25	2.67	9.9	1	3.2	277	0.67	0.28	13.3	0.250	1.58	3.9
N813887		29.1	100.5	0.007	0.38	19.70	10.5	1	3.1	187.0	0.58	0.05	12.7	0.270	1.76	4.4
N813888		10.6	100.5	<0.002	0.46	24.1	10.0	<1	2.8	110.5	0.61	<0.05	10.1	0.276	3.19	2.7
N813889		13.7	94.4	<0.002	0.29	21.9	10.5	1	2.7	88.2	0.68	<0.05	12.3	0.292	2.88	2.8
N813890		14.5	97.1	<0.002	0.30	21.1	11.7	1	3.0	96.2	0.73	<0.05	13.3	0.322	3.22	3.0
N813891		33.5	126.5	<0.002	0.31	22.5	11.3	1	3.6	82.4	0.74	0.07	13.7	0.275	1.91	4.6
N813892		50.4	86.9	<0.002	0.31	12.20	10.8	<1	3.0	310	0.73	<0.05	10.9	0.296	1.31	3.5
N813893		18.7	86.8	<0.002	0.29	7.67	10.4	1	2.3	286	0.66	<0.05	9.7	0.277	1.55	3.0
N813894		31.3	91.6	<0.002	0.20	1.62	11.1	<1	2.7	387	0.58	0.05	10.7	0.278	1.21	2.9
N813895		44.7	91.4	0.002	0.24	2.30	11.1	1	2.6	382	0.63	<0.05	11.1	0.291	1.35	3.0
N813896		18.2	70.3	<0.002	0.03	7.51	10.0	1	1.7	385	0.59	<0.05	9.8	0.276	0.91	2.9
N813897		17.8	87.7	<0.002	0.01	0.64	11.1	1	1.7	420	0.64	<0.05	12.9	0.285	0.95	3.2
N813898		1335	169.5	<0.002	3.23	35.2	8.8	1	6.0	157.0	0.62	0.30	13.5	0.208	2.59	5.2
N813899		18.5	89.4	<0.002	0.04	1.13	10.5	<1	1.7	397	0.61	<0.05	10.3	0.288	1.07	2.6
N813900		16.1	75.5	0.002	0.01	1.05	11.3	<1	1.7	427	0.61	<0.05	8.6	0.306	1.01	2.4
N813901																
N813902		23.4	143.0	<0.002	0.40	17.50	11.5	1	1.6	110.0	0.68	<0.05	13.2	0.286	3.01	4.5
N813903		32.8	157.0	0.003	0.24	18.60	11.0	1	1.9	142.0	0.64	<0.05	10.3	0.290	2.97	3.9
N813904		23.3	216	0.004	0.36	17.45	11.7	1	1.9	87.3	0.63	<0.05	11.9	0.269	2.87	5.5
N813905		1.4	2.4	0.002	0.02	0.16	0.2	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N813906		19.7	100.0	0.003	0.05	5.73	11.0	1	2.2	323	0.66	<0.05	10.0	0.294	1.37	2.8
N813907		17.2	85.8	0.003	0.04	4.55	11.4	2	1.5	425	0.61	<0.05	10.3	0.288	1.20	3.3
N813908		19.8	95.7	0.004	0.18	4.79	12.4	2	3.3	334	0.64	<0.05	11.9	0.310	1.10	2.6
N813909		13.2	126.0	0.002	0.28	15.95	12.8	1	3.1	147.0	0.69	<0.05	10.5	0.318	2.78	4.9
N813910		2690	165.5	0.004	4.94	88.5	8.3	1	8.0	91.3	0.44	0.38	9.8	0.175	2.48	4.8
N813911		70.3	106.0	0.004	0.44	7.12	12.0	1	2.2	323	0.59	<0.05	9.6	0.295	1.59	3.1
N813912		22.1	116.0	0.003	0.11	14.25	11.1	1	1.8	113.5	0.64	<0.05	8.9	0.302	2.09	3.4
N813913		15.9	90.8	0.007	0.04	1.63	11.8	2	1.9	429	0.62	<0.05	10.0	0.306	1.06	2.7
N813914		19.0	121.0	0.003	0.23	22.6	10.6	1	5.5	97.7	0.54	<0.05	10.2	0.255	1.74	2.7
N813915		43.5	114.0	0.004	0.27	14.70	11.7	2	3.3	251	0.62	<0.05	10.8	0.303	1.72	3.0
N813916		113.0	142.0	0.003	2.20	27.7	7.9	1	2.2	89.6	0.38	<0.05	8.3	0.183	2.00	4.5
N813917		1.4	1.7	0.005	0.02	0.17	0.3	1	0.5	38.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N813918																
N813919		23.9	105.5	0.003	0.15	3.12	11.7	1	3.7	375	0.62	<0.05	11.0	0.305	1.47	3.2
N813920		25.7	102.0	0.006	0.15	3.07	11.5	1	3.7	380	0.64	<0.05	11.0	0.306	1.44	3.1
N813921		16.5	104.0	0.006	0.11	3.76	11.2	1	2.3	362	0.66	<0.05	10.6	0.292	1.39	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-93/96

CERTIFICATE OF ANALYSIS WH12182339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N813884		66	1.5	14.0	144	20.5
N813885		63	1.6	13.7	459	20.0
N813886		69	1.5	14.0	233	22.2
N813887		78	7.0	13.9	77	29.4
N813888		60	2.4	8.1	80	25.6
N813889		74	1.9	9.6	91	28.6
N813890		81	2.2	10.7	98	33.6
N813891		77	3.3	13.9	79	28.5
N813892		85	5.8	15.4	79	27.0
N813893		83	6.9	13.9	56	28.7
N813894		80	2.4	14.6	71	26.2
N813895		85	1.5	15.2	116	24.8
N813896		82	1.3	13.4	61	22.7
N813897		82	3.1	15.9	52	24.5
N813898		59	5.3	11.7	3110	34.1
N813899		82	3.0	14.5	63	25.2
N813900		95	0.7	15.5	61	28.1
N813901						
N813902		80	4.5	15.7	39	27.4
N813903		83	4.8	14.1	83	28.7
N813904		80	2.5	15.4	57	26.8
N813905		2	0.1	0.9	14	<0.5
N813906		83	2.8	13.9	65	27.0
N813907		81	2.9	16.5	52	28.2
N813908		86	2.5	14.6	96	31.0
N813909		88	2.1	13.6	67	29.1
N813910		54	4.7	9.8	5370	24.7
N813911		85	3.1	14.9	312	26.2
N813912		85	5.4	13.5	79	26.0
N813913		86	6.3	15.3	56	25.3
N813914		75	3.7	13.4	68	21.0
N813915		86	5.1	14.4	99	25.2
N813916		58	5.5	10.8	143	18.1
N813917		2	0.1	0.7	11	<0.5
N813918						
N813919		87	2.9	14.5	65	27.3
N813920		87	3.1	14.8	66	28.3
N813921		83	1.4	13.9	59	28.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-93/96

CERTIFICATE OF ANALYSIS WH12182339

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182360

Project: Klaza-94/97

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

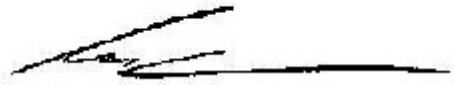
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-94/97

CERTIFICATE OF ANALYSIS WH12182360

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812250		3.08	<0.005	0.16	7.32	62.2	1560	1.41	0.09	2.60	0.17	44.8	8.7	10	23.6	7.5
N812251		1.81	0.011	0.22	7.21	34.4	1800	1.45	0.08	2.99	0.22	43.8	9.1	9	21.7	6.0
N812252		4.27	<0.005	0.05	7.38	5.2	2060	1.37	0.08	2.41	0.07	45.0	8.3	10	14.75	6.9
N812253		4.23	<0.005	0.05	7.13	8.3	1680	1.52	0.10	3.31	0.09	43.1	8.1	9	20.7	6.6
N812254		5.63	<0.005	0.23	7.48	2.7	1980	1.51	0.08	3.04	0.07	40.6	8.6	10	11.65	5.5
N812255		0.23	0.732	10.30	6.77	1855	330	1.42	6.72	1.94	45.2	44.8	17.2	20	17.05	109.5
N812256		5.39	<0.005	0.07	7.33	6.7	1970	1.42	0.08	2.98	0.10	42.4	8.8	10	17.10	4.5
N812257		3.35	<0.005	0.03	7.01	4.6	1510	1.36	0.10	2.85	0.14	36.1	8.6	8	13.45	2.7
N812258		3.80	<0.005	0.02	6.89	3.6	1740	1.53	0.12	3.45	0.13	48.0	8.2	10	17.90	3.9
N812259		2.21	<0.005	0.05	7.14	3.3	1950	1.46	0.06	3.54	0.07	36.8	8.9	8	18.55	3.4
N812260		<0.02	<0.005	0.04	7.14	4.4	1860	1.41	0.06	3.59	0.10	38.8	8.8	9	18.10	3.5
N812261		1.72	0.010	0.14	6.80	50.9	2090	1.61	0.25	3.11	0.28	40.2	8.0	8	19.20	4.0
N812262		5.62	<0.005	0.03	7.58	1.6	2120	1.55	0.07	2.83	0.07	45.3	8.1	11	11.75	3.8
N812263		4.11	0.010	0.30	7.97	21.7	2190	1.66	0.15	2.84	0.93	46.2	7.8	11	11.00	14.2
N812264		3.35	0.006	0.48	7.16	39.1	2240	1.36	0.24	4.30	0.95	52.8	8.3	9	9.91	36.2
N812265		2.28	0.072	2.79	7.83	300	2020	1.71	1.05	0.97	5.77	56.8	7.9	9	17.10	83.9
N812266		5.06	0.024	3.41	7.27	156.5	1840	1.55	0.69	2.29	3.68	43.5	7.4	9	13.75	106.5
N812267		2.41	0.005	0.57	7.04	39.3	1800	1.54	0.64	2.67	0.52	41.0	6.2	7	14.40	73.5
N812268		4.80	<0.005	0.15	7.52	18.3	2140	1.55	0.14	2.54	0.25	48.6	7.3	9	10.15	15.0
N812269		7.52	<0.005	0.28	7.51	13.6	2150	1.54	0.11	2.51	0.17	48.6	6.9	11	7.80	9.8
N812270		0.28	2.24	27.8	5.92	3400	200	1.23	20.6	2.23	84.3	43.3	10.8	18	14.95	431
N812271		5.61	0.008	0.59	7.79	17.0	2180	1.54	0.24	2.87	0.98	51.4	8.1	11	8.89	14.0
N812272		3.24	0.028	12.95	7.31	83.7	1820	1.45	13.75	2.62	11.65	46.6	7.6	9	13.80	37.8
N812273		2.67	<0.005	0.01	0.09	7	20	0.07	0.03	21.8	0.07	1.39	1.0	1	0.29	3.2
N812274		2.93	0.009	0.40	7.61	35.3	2170	1.36	0.36	2.90	0.38	57.9	8.0	10	7.98	41.5
N812275		1.39	0.008	0.34	7.39	26.1	2110	1.44	0.27	2.90	0.40	51.5	8.2	11	7.69	31.5
N812276		5.73	0.008	0.31	7.94	24.2	2220	1.36	0.21	2.89	0.61	53.4	8.0	10	8.91	34.9
N812277		4.30	0.026	2.12	7.34	949	1860	1.48	0.24	2.62	8.10	46.6	6.1	9	11.95	15.4
N812278		3.51	<0.005	0.02	0.16	<5	30	0.09	0.02	21.3	0.07	1.55	1.3	4	0.39	0.9
N812279		4.32	0.009	0.18	7.64	95.1	2040	1.57	0.11	2.75	0.43	47.9	6.9	10	11.00	13.1
N812280		2.53	0.354	3.91	7.42	562	930	2.35	2.16	1.95	22.4	51.5	6.6	8	20.4	54.5
N812281		4.60	0.016	0.09	6.60	27.4	1020	1.94	0.08	1.58	0.56	39.5	1.6	2	20.1	1.2
N812282		3.55	<0.005	0.03	7.32	27.3	1220	1.73	0.03	1.23	0.21	45.1	1.7	3	21.1	0.6
N812283		7.55	<0.005	0.01	7.29	38.4	1070	1.94	0.02	1.68	0.09	44.0	2.0	3	22.6	0.4
N812284		7.13	0.211	1.14	7.10	191.0	1320	2.86	1.09	2.64	3.71	61.3	5.0	21	29.7	17.8
N812285		7.11	0.013	0.34	7.39	169.5	2640	2.15	0.14	3.20	0.98	57.4	7.2	14	28.2	8.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-94/97

CERTIFICATE OF ANALYSIS WH12182360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812250		2.84	17.70	0.16	1.2	0.039	2.77	21.8	94.8	0.70	1000	1.35	0.16	8.4	3.0	630
N812251		3.15	17.05	0.18	1.2	0.036	3.21	21.4	36.0	0.81	1310	1.71	0.69	8.2	3.1	600
N812252		2.99	17.60	0.18	1.4	0.041	2.61	21.8	21.9	0.66	652	0.92	1.19	9.1	2.9	640
N812253		2.97	17.20	0.18	1.4	0.039	2.71	20.3	21.0	0.84	758	1.05	1.58	8.8	2.8	600
N812254		3.09	17.50	0.17	1.1	0.037	2.49	19.2	12.0	0.86	657	0.48	2.26	8.5	3.1	620
N812255		5.36	16.15	0.19	1.4	1.015	2.94	23.3	24.3	0.71	2020	13.05	0.27	7.8	15.6	500
N812256		3.22	17.50	0.19	1.2	0.042	2.52	20.5	34.9	0.86	691	0.44	1.82	8.5	3.0	630
N812257		3.03	16.15	0.17	1.1	0.036	2.10	16.7	30.5	0.80	715	0.31	1.12	8.0	2.8	620
N812258		2.98	16.25	0.18	1.0	0.033	2.24	24.4	25.0	0.91	749	0.25	1.55	7.9	2.8	600
N812259		3.03	16.40	0.19	1.2	0.039	2.32	17.4	30.4	0.78	689	0.25	1.79	8.1	2.9	600
N812260		3.01	16.40	0.18	1.1	0.036	2.27	18.4	34.4	0.78	684	0.25	1.79	7.9	2.9	590
N812261		2.76	15.95	0.17	1.1	0.036	2.20	20.1	207	0.94	1070	2.22	0.30	7.7	2.8	590
N812262		3.01	17.20	0.18	1.4	0.035	2.55	22.0	24.5	0.83	614	0.49	2.16	8.3	2.8	590
N812263		3.25	18.60	0.18	1.0	0.064	2.75	22.5	14.2	0.69	718	1.68	2.21	9.1	4.0	660
N812264		3.18	16.95	0.20	0.9	0.080	2.51	27.9	18.3	0.61	1040	1.32	1.00	7.9	3.2	600
N812265		4.29	18.10	0.19	1.0	0.179	3.13	30.8	23.5	0.41	1900	3.21	0.45	8.4	3.7	640
N812266		3.49	17.55	0.18	1.0	0.108	2.99	21.2	20.4	0.39	1240	2.36	0.99	8.6	3.0	610
N812267		2.71	16.90	0.18	0.9	0.101	2.79	20.0	26.8	0.45	680	2.02	1.67	8.3	2.9	580
N812268		3.08	17.50	0.18	1.0	0.048	2.62	24.4	18.7	0.67	638	1.60	1.88	8.4	3.0	610
N812269		2.95	17.25	0.19	1.0	0.053	2.65	24.6	14.4	0.78	584	2.05	2.31	8.4	3.0	600
N812270		6.68	14.95	0.23	0.9	1.865	2.63	22.7	23.6	0.90	1890	13.75	0.04	6.1	15.4	440
N812271		3.32	18.10	0.18	1.0	0.052	2.73	25.5	13.7	0.87	887	2.92	2.21	8.7	3.4	640
N812272		3.60	17.40	0.19	0.9	0.060	2.94	22.6	20.1	0.79	1650	1.97	1.37	8.1	3.1	590
N812273		0.48	0.57	0.13	<0.1	<0.005	0.09	0.6	1.1	13.00	208	<0.05	0.01	0.5	1.9	190
N812274		3.25	15.45	0.18	1.0	0.069	2.68	27.3	12.2	0.83	834	1.47	2.12	8.2	2.8	640
N812275		3.14	15.00	0.19	0.9	0.067	2.61	23.8	12.0	0.82	839	1.67	2.09	8.1	2.6	610
N812276		3.45	15.85	0.19	0.9	0.088	2.97	24.7	15.2	0.91	1120	1.89	2.16	8.4	2.6	680
N812277		3.03	14.65	0.17	0.9	0.206	3.05	21.7	13.5	0.76	1350	1.59	1.46	7.8	2.2	570
N812278		0.48	0.39	0.15	<0.1	<0.005	0.07	0.7	1.8	12.70	225	<0.05	0.01	0.2	3.4	180
N812279		3.04	15.45	0.18	1.0	0.055	2.73	21.6	19.1	0.79	730	3.05	2.04	8.4	2.5	620
N812280		3.84	15.60	0.17	1.5	0.365	2.84	24.8	57.2	0.57	1390	3.99	0.16	9.4	3.0	600
N812281		1.32	16.55	0.14	2.5	0.022	2.66	18.5	22.7	0.49	530	1.51	0.05	16.6	0.6	300
N812282		1.41	16.35	0.14	2.2	0.018	2.87	21.7	12.3	0.43	486	0.37	0.05	14.1	0.7	320
N812283		1.48	17.45	0.13	2.6	0.018	3.00	20.8	16.0	0.51	508	0.54	0.05	16.2	0.7	340
N812284		2.52	17.60	0.17	3.8	0.137	2.83	29.8	28.4	0.87	871	2.24	0.07	12.6	10.0	760
N812285		2.94	17.40	0.18	3.0	0.047	2.58	26.6	29.7	1.11	980	1.96	0.06	8.3	6.7	800

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-94/97

CERTIFICATE OF ANALYSIS WH12182360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812250		26.4	95.9	<0.002	0.21	14.00	11.3	1	1.8	227	0.69	<0.05	11.9	0.276	1.95	4.0
N812251		18.4	120.0	<0.002	0.71	10.75	11.3	1	1.6	265	0.67	<0.05	12.2	0.266	2.01	4.2
N812252		18.0	86.8	<0.002	0.03	7.47	11.6	1	1.9	282	0.78	<0.05	12.0	0.280	1.00	3.4
N812253		14.8	92.7	<0.002	0.05	5.73	10.7	1	1.7	312	0.80	<0.05	10.5	0.262	1.19	3.9
N812254		15.2	75.7	<0.002	0.01	2.10	10.9	1	1.7	408	0.67	<0.05	9.4	0.275	0.89	3.5
N812255		1350	155.5	<0.002	3.20	36.1	8.8	2	6.7	154.5	0.62	0.39	11.1	0.208	2.33	5.3
N812256		16.9	82.9	<0.002	0.06	4.79	11.6	1	1.8	367	0.66	<0.05	10.3	0.283	1.06	3.4
N812257		15.4	63.5	<0.002	0.02	10.95	10.4	1	1.7	266	0.63	<0.05	8.5	0.265	0.85	2.4
N812258		12.6	86.5	<0.002	0.03	9.25	10.9	1	1.8	279	0.62	<0.05	10.6	0.263	0.98	3.0
N812259		14.5	73.4	<0.002	0.01	5.49	10.9	1	1.9	383	0.66	<0.05	9.7	0.271	0.97	3.0
N812260		15.1	72.2	<0.002	0.01	5.32	10.8	1	1.8	381	0.62	<0.05	9.7	0.262	0.94	3.2
N812261		17.9	78.7	<0.002	0.24	22.4	10.8	1	1.9	241	0.60	<0.05	9.6	0.255	1.14	5.5
N812262		15.0	85.8	<0.002	0.01	2.17	11.0	1	1.7	419	0.70	<0.05	11.9	0.266	0.80	4.4
N812263		64.0	92.3	<0.002	0.11	2.85	11.9	1	2.0	383	0.69	<0.05	11.0	0.287	1.05	2.1
N812264		45.2	75.7	<0.002	0.02	5.54	10.3	1	1.7	268	0.61	<0.05	10.8	0.248	1.05	1.9
N812265		523	148.5	<0.002	0.35	14.05	11.5	1	4.0	99.8	0.64	<0.05	13.6	0.268	1.96	3.6
N812266		254	106.5	<0.002	0.27	14.10	10.2	1	3.2	194.5	0.68	<0.05	10.9	0.260	1.56	2.2
N812267		27.4	96.4	<0.002	0.13	7.08	9.9	1	1.8	270	0.68	<0.05	10.2	0.246	1.30	3.6
N812268		22.6	93.8	<0.002	0.03	2.81	11.1	1	1.7	336	0.65	<0.05	11.8	0.261	1.03	1.9
N812269		17.8	92.0	<0.002	0.02	2.20	10.8	1	1.8	382	0.66	<0.05	11.9	0.258	0.95	2.9
N812270		2790	155.0	<0.002	4.86	94.3	7.9	2	8.8	93.0	0.48	0.42	9.7	0.178	2.21	5.2
N812271		74.8	97.2	<0.002	0.18	2.51	11.5	1	2.5	384	0.70	<0.05	12.0	0.272	1.05	4.2
N812272		528	107.0	<0.002	0.79	7.74	10.7	1	4.3	280	0.63	<0.05	11.0	0.255	1.52	3.5
N812273		2.6	2.4	<0.002	0.01	0.07	0.2	1	<0.2	50.7	<0.05	<0.05	<0.2	0.005	<0.02	0.7
N812274		25.5	94.0	<0.002	0.10	1.63	11.0	1	2.0	372	0.70	<0.05	12.3	0.268	1.04	3.1
N812275		23.2	85.1	<0.002	0.11	1.95	10.7	1	2.0	367	0.72	<0.05	11.9	0.265	1.01	3.9
N812276		35.9	107.0	<0.002	0.16	1.85	12.3	1	1.9	359	0.65	<0.05	11.9	0.297	1.18	3.3
N812277		476	127.5	<0.002	0.47	7.53	10.2	1	1.8	292	0.70	<0.05	12.2	0.242	1.45	3.2
N812278		1.8	3.1	<0.002	0.01	<0.05	0.6	1	<0.2	40.3	<0.05	<0.05	<0.2	0.005	<0.02	0.4
N812279		30.6	99.4	0.003	0.07	3.19	10.5	1	1.9	376	0.78	<0.05	12.4	0.263	1.13	2.8
N812280		615	129.0	0.002	2.11	14.10	9.8	1	4.0	161.5	0.80	0.12	11.2	0.251	2.03	12.4
N812281		33.6	102.0	<0.002	0.07	2.80	2.4	1	2.1	144.5	1.65	<0.05	8.4	0.124	1.42	8.2
N812282		26.7	124.0	<0.002	0.04	2.21	2.7	1	2.2	94.0	1.56	<0.05	9.4	0.132	1.59	3.6
N812283		28.0	121.0	<0.002	0.04	2.38	2.8	1	2.3	122.5	1.74	<0.05	9.2	0.136	1.64	4.8
N812284		195.5	111.5	<0.002	0.33	14.05	6.1	1	3.1	222	0.96	<0.05	10.4	0.249	1.89	8.0
N812285		144.5	83.2	<0.002	0.11	14.00	8.6	1	3.4	256	0.63	<0.05	8.0	0.303	1.34	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-94/97

CERTIFICATE OF ANALYSIS WH12182360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812250		77	3.5	14.2	56	34.3
N812251		75	4.0	15.0	53	33.7
N812252		78	2.1	16.3	52	40.1
N812253		73	1.7	14.7	47	38.0
N812254		77	1.8	14.4	49	30.8
N812255		58	5.7	12.2	3030	44.9
N812256		81	1.3	14.7	57	31.8
N812257		74	1.5	12.7	61	29.3
N812258		74	1.3	13.3	53	27.7
N812259		75	1.4	13.1	53	30.4
N812260		74	1.3	13.3	53	29.2
N812261		67	2.0	12.5	67	28.7
N812262		75	0.8	16.8	47	36.6
N812263		80	1.8	17.2	120	25.4
N812264		68	2.2	20.4	156	22.4
N812265		74	3.5	16.9	867	25.6
N812266		72	3.4	15.3	480	26.5
N812267		66	1.7	14.2	88	24.2
N812268		73	2.1	16.4	67	25.3
N812269		72	2.6	16.5	56	26.6
N812270		55	5.5	10.2	5330	28.0
N812271		75	1.8	18.1	192	25.4
N812272		73	2.3	15.3	1370	21.4
N812273		2	0.1	0.9	17	1.1
N812274		75	2.1	17.6	88	21.4
N812275		75	2.3	16.4	76	20.2
N812276		88	2.5	17.7	124	20.7
N812277		66	3.0	15.5	766	19.7
N812278		4	0.1	0.9	14	<0.5
N812279		71	3.2	16.7	102	22.2
N812280		66	5.5	15.8	1660	38.8
N812281		14	2.7	15.3	101	56.2
N812282		14	1.3	16.1	96	51.6
N812283		15	1.7	17.6	84	59.4
N812284		49	2.8	14.8	409	130.0
N812285		74	1.6	15.6	241	96.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-94/97

CERTIFICATE OF ANALYSIS WH12182360

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182361

Project: Klaza-98/91

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

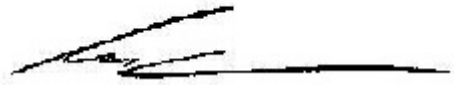
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza-98/91

CERTIFICATE OF ANALYSIS WH12182361

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812366		8.03	<0.005	0.06	7.75	12.8	1770	1.40	0.21	2.09	0.21	52.5	9.9	9	17.10	8.4
N812367		7.61	<0.005	0.07	7.69	8.1	1900	1.60	0.21	3.06	0.44	45.3	10.2	11	11.85	10.9
N812368		7.46	<0.005	0.07	7.45	13.2	1890	1.44	0.23	2.84	0.14	44.8	7.4	14	12.80	6.2
N812369		4.47	0.006	0.36	6.87	40.1	1470	1.53	0.59	3.16	0.35	48.0	16.3	9	18.20	9.3
N812370		2.62	0.087	3.60	6.88	272	1380	1.34	0.20	3.35	2.36	50.3	7.3	8	12.90	18.7
N812371		1.54	0.009	0.45	7.42	138.5	990	1.41	0.17	3.32	0.75	59.4	7.1	8	14.60	3.2
N812372		1.57	0.082	0.83	6.25	375	1450	1.19	0.20	4.32	1.70	48.6	7.0	8	12.20	5.9
N812373		2.15	<0.005	0.16	7.30	42.7	1150	1.45	0.16	2.97	0.18	53.8	8.1	8	17.05	6.1
N812374		1.56	<0.005	0.10	7.10	6.5	1060	1.50	0.27	3.13	0.09	48.1	7.8	11	10.80	3.4
N812375		<0.02	<0.005	0.09	7.21	5.4	1040	1.39	0.27	3.19	0.10	49.8	7.8	12	10.80	3.2
N812376		2.13	<0.005	0.07	6.95	8.0	1760	1.46	0.26	3.40	0.11	43.7	7.6	9	10.95	3.1
N812377		3.96	<0.005	<0.01	0.08	<5	20	0.05	0.01	21.5	0.05	1.37	0.9	1	0.14	0.9
N812378		1.87	<0.005	0.07	6.98	3.4	1230	1.42	0.25	2.75	0.07	39.7	7.3	9	9.71	7.1
N812379		2.77	<0.005	0.06	7.04	3.2	1450	1.42	0.32	2.65	0.06	42.0	7.0	9	9.89	6.0
N812380		2.94	<0.005	0.07	6.95	4.1	1440	1.41	0.37	3.46	0.09	40.6	7.7	9	14.10	2.2
N812381		5.57	<0.005	0.06	7.50	1.8	1870	1.46	0.31	2.72	0.07	48.7	7.3	11	12.30	6.1
N812382		0.30	4.38	>100	5.57	8230	290	1.00	58.6	2.01	226	39.3	8.6	17	11.60	1280
N812383		2.84	<0.005	0.14	7.26	5.8	1640	1.48	0.32	2.81	0.29	46.1	7.6	9	10.95	4.4
N812384		3.79	<0.005	0.15	6.68	24.5	2530	1.33	0.23	3.32	0.18	43.0	7.9	8	12.60	6.6
N812385		1.89	<0.005	0.05	7.37	2.8	1990	1.46	0.19	2.86	0.08	44.0	7.6	12	14.55	3.5
N812386		2.42	<0.005	0.17	7.02	7.7	1710	1.36	0.38	2.99	0.14	40.6	7.5	9	14.10	5.9
N812387		2.59	0.007	0.08	6.58	17.6	3270	1.28	0.27	3.29	0.86	46.9	6.7	9	12.60	3.4
N812388		1.76	<0.005	0.02	7.54	6.8	1350	1.67	1.66	2.38	0.22	46.8	6.5	8	15.70	1.1
N812389		3.42	<0.005	<0.01	0.08	<5	70	<0.05	0.03	20.7	0.06	1.33	1.6	1	0.18	1.5
N812390		3.15	0.057	0.37	6.97	130.5	2190	1.46	1.02	2.76	0.35	38.0	8.4	9	18.50	3.9
N812391		4.49	<0.005	0.06	7.43	1.2	2000	1.42	0.06	2.80	0.05	43.0	9.1	12	12.45	5.5
N812392		5.03	<0.005	0.03	7.69	2.1	2120	1.41	0.07	2.68	0.06	43.3	9.0	13	13.70	5.3
N812393		2.40	<0.005	0.06	7.43	2.6	2160	1.29	0.08	2.78	0.06	39.1	8.7	11	13.40	4.5
N812394		1.63	<0.005	0.06	7.21	3.4	1830	1.44	0.07	3.27	0.09	37.0	8.4	10	15.25	6.8
N812395		5.10	<0.005	0.08	7.55	1.5	1860	1.43	0.10	2.92	0.07	41.0	9.4	12	11.55	7.8
N812396		5.15	<0.005	0.08	7.88	1.4	2060	1.49	0.10	2.77	0.07	42.6	9.5	14	12.65	7.7
N812397		0.30	2.18	24.6	6.04	3490	320	1.12	20.3	2.18	74.8	40.9	11.6	19	15.30	440
N812398		5.25	<0.005	0.09	7.79	3.2	2100	1.48	0.14	2.68	0.12	43.8	9.2	13	14.30	7.9
N812399		2.14	<0.005	0.08	7.75	1.7	2010	1.49	0.16	2.63	0.08	45.8	9.5	12	13.85	7.0
N812400		2.10	0.008	0.15	7.16	26.1	1800	1.55	0.54	3.37	0.14	35.1	6.8	10	13.05	2.2
N812401		3.62	<0.005	0.10	8.04	12.3	1650	1.71	1.17	4.03	0.19	35.4	7.1	10	24.4	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza-98/91

CERTIFICATE OF ANALYSIS WH12182361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812366		3.22	15.95	0.16	1.4	0.053	2.72	24.7	50.8	0.77	898	0.98	0.30	8.9	2.8	690
N812367		3.37	16.20	0.17	1.4	0.067	2.82	20.0	18.7	0.89	840	0.56	2.02	8.9	2.7	640
N812368		3.22	15.45	0.17	1.2	0.053	2.90	20.3	17.5	0.83	736	0.60	2.03	8.3	2.7	620
N812369		3.26	14.20	0.18	1.4	0.099	2.98	22.5	32.4	0.87	1510	0.13	0.83	7.9	2.5	570
N812370		3.08	13.25	0.18	1.2	0.046	2.93	25.2	19.3	0.77	2460	0.34	0.14	7.5	2.8	550
N812371		2.95	14.85	0.17	1.3	0.043	3.39	30.3	15.0	0.90	3220	0.18	0.04	8.0	2.5	600
N812372		3.37	12.55	0.16	1.0	0.062	2.54	25.1	29.8	0.71	3620	0.43	0.03	6.7	2.1	510
N812373		2.99	14.75	0.16	1.3	0.068	3.25	26.8	16.1	0.96	1700	0.40	0.03	8.2	2.5	570
N812374		3.09	14.75	0.17	1.2	0.047	2.75	21.9	17.0	0.88	1230	0.09	0.99	8.1	2.8	620
N812375		3.13	14.80	0.17	1.2	0.045	2.76	22.4	16.9	0.89	1240	0.07	1.00	8.3	2.6	630
N812376		3.09	14.60	0.16	1.3	0.044	2.50	19.0	21.3	0.93	1180	0.10	0.96	8.2	2.4	610
N812377		0.47	0.29	0.16	<0.1	<0.005	0.04	0.6	1.0	12.80	201	<0.05	0.01	0.2	1.8	190
N812378		3.03	14.60	0.16	1.3	0.040	2.48	17.4	18.0	0.54	767	0.12	1.49	7.9	2.3	600
N812379		2.84	14.15	0.16	1.3	0.040	2.57	18.9	16.4	0.55	746	0.10	1.81	8.0	2.1	590
N812380		3.05	14.75	0.15	1.3	0.041	2.33	17.8	29.5	0.83	900	0.33	1.74	8.2	2.6	580
N812381		3.11	15.20	0.16	1.4	0.044	2.71	22.6	13.0	0.78	736	0.72	2.14	8.2	2.4	600
N812382		8.33	12.45	0.21	1.1	5.33	2.35	18.7	28.5	0.64	3060	15.05	0.08	5.9	13.6	460
N812383		3.08	14.85	0.16	1.4	0.052	2.82	20.9	10.3	0.71	870	0.51	1.83	8.1	2.3	580
N812384		2.95	13.60	0.16	1.2	0.040	2.73	19.2	32.3	0.97	1500	0.18	0.75	7.5	2.3	560
N812385		3.15	14.75	0.17	1.3	0.040	2.67	20.4	10.9	0.74	785	0.31	2.17	8.0	2.5	590
N812386		3.13	14.05	0.16	1.3	0.048	2.80	18.6	16.0	0.81	1050	0.22	1.52	8.0	2.2	570
N812387		2.90	11.90	0.16	1.2	0.117	2.13	22.0	30.2	0.94	1660	0.13	1.55	7.3	2.0	550
N812388		3.10	16.50	0.18	1.2	0.056	2.16	21.5	31.6	0.60	954	0.06	1.81	8.2	2.1	610
N812389		0.45	0.36	0.14	<0.1	<0.005	0.03	0.7	1.0	12.35	197	0.16	0.01	0.3	3.6	230
N812390		2.93	16.75	0.19	1.2	0.059	2.39	19.7	18.4	0.71	1930	0.44	1.22	7.2	2.6	600
N812391		3.05	17.30	0.25	1.4	0.039	2.51	23.0	13.1	0.86	681	1.12	2.14	8.0	2.9	650
N812392		3.09	17.05	0.26	1.3	0.039	2.51	23.3	15.9	0.86	677	0.95	2.26	8.3	3.0	650
N812393		3.05	16.25	0.27	1.3	0.043	2.58	20.9	10.9	0.76	788	1.01	2.11	7.7	3.0	620
N812394		2.91	16.10	0.25	1.3	0.039	2.76	20.2	18.4	0.83	883	0.68	1.61	8.0	2.9	600
N812395		3.15	16.70	0.26	1.3	0.036	2.56	22.1	14.0	0.91	715	0.88	2.26	8.3	3.4	650
N812396		3.22	17.40	0.28	1.5	0.040	2.69	22.9	14.6	0.88	692	1.33	2.36	8.5	3.2	680
N812397		6.54	13.80	0.24	1.0	1.730	2.63	23.7	21.0	0.89	1930	14.00	0.04	5.9	14.6	470
N812398		3.07	16.85	0.26	1.4	0.038	2.55	23.6	16.6	0.85	680	8.31	2.38	8.4	3.3	640
N812399		3.14	17.35	0.26	1.5	0.038	2.50	24.6	16.6	0.88	704	1.05	2.40	8.7	3.2	660
N812400		2.60	16.35	0.24	1.4	0.050	1.89	18.0	17.9	0.72	1120	0.40	2.37	8.3	2.8	630
N812401		2.68	20.4	0.24	1.4	0.069	2.25	17.9	24.3	0.74	1200	0.42	2.10	8.8	2.9	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza-98/91

CERTIFICATE OF ANALYSIS WH12182361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812366		26.9	101.0	<0.002	0.08	15.60	12.3	1	1.9	152.0	0.83	<0.05	13.2	0.289	1.30	3.8
N812367		25.1	91.4	<0.002	0.07	2.76	11.4	1	1.9	387	0.83	<0.05	10.5	0.282	1.18	3.5
N812368		21.4	98.7	<0.002	0.07	2.79	11.1	1	1.8	392	0.69	<0.05	10.7	0.272	1.32	3.3
N812369		65.8	131.0	<0.002	0.33	6.60	10.8	1	1.7	231	0.78	<0.05	12.2	0.248	2.09	5.2
N812370		51.9	154.5	<0.002	0.47	15.60	11.2	1	1.5	75.7	0.66	<0.05	11.9	0.247	1.90	5.7
N812371		18.5	184.5	<0.002	0.59	9.57	11.6	1	1.6	62.1	0.71	<0.05	13.0	0.266	2.38	5.6
N812372		58.7	142.0	<0.002	1.17	15.90	9.7	1	1.4	102.0	0.60	<0.05	10.6	0.221	1.76	6.7
N812373		22.7	159.0	<0.002	0.20	8.23	11.1	1	1.7	59.6	0.85	<0.05	12.6	0.257	2.47	6.7
N812374		11.1	100.5	<0.002	0.10	2.90	11.3	1	1.7	118.5	0.67	<0.05	10.1	0.276	1.49	2.9
N812375		10.6	100.0	<0.002	0.10	2.90	11.3	1	1.7	120.0	0.68	<0.05	10.3	0.278	1.53	2.2
N812376		11.8	83.1	<0.002	0.13	3.07	10.7	1	1.7	128.5	0.72	<0.05	9.9	0.267	1.34	2.9
N812377		1.2	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812378		13.3	82.1	<0.002	0.03	2.40	10.1	1	1.7	166.0	0.68	<0.05	10.6	0.268	1.20	2.4
N812379		15.5	89.8	<0.002	0.04	2.38	10.4	1	1.6	219	0.71	<0.05	10.8	0.264	1.19	2.0
N812380		17.9	71.9	<0.002	0.02	3.03	10.1	1	1.7	281	0.75	<0.05	9.7	0.263	1.06	2.9
N812381		18.8	89.0	<0.002	<0.01	1.20	10.5	1	1.7	356	0.75	<0.05	11.7	0.265	0.96	2.1
N812382		9560	137.0	<0.002	7.34	217	7.0	3	9.2	126.5	0.49	0.54	8.7	0.188	1.98	5.2
N812383		21.5	96.5	<0.002	0.06	2.07	10.8	1	1.8	255	0.79	<0.05	11.5	0.257	1.18	3.4
N812384		14.0	94.1	<0.002	0.24	4.86	9.9	1	1.6	160.0	0.68	<0.05	9.8	0.248	1.51	4.0
N812385		18.3	83.0	<0.002	0.03	1.89	10.5	1	1.6	359	0.69	<0.05	10.8	0.264	0.95	2.4
N812386		18.4	90.0	<0.002	0.08	3.64	10.3	1	1.7	230	0.70	<0.05	10.1	0.264	1.33	3.1
N812387		19.5	93.4	<0.002	0.26	4.21	9.9	1	1.5	247	0.64	<0.05	11.3	0.242	1.20	4.0
N812388		27.9	83.1	<0.002	0.01	20.5	11.1	1	1.8	179.0	0.71	<0.05	11.4	0.278	1.26	2.0
N812389		1.4	1.3	<0.002	0.02	0.13	0.2	2	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N812390		29.7	99.7	<0.002	0.22	11.15	10.5	2	1.7	205	0.64	<0.05	10.4	0.250	1.63	3.8
N812391		17.6	89.2	<0.002	0.01	0.96	11.4	2	1.6	383	0.73	<0.05	11.3	0.269	0.90	3.5
N812392		15.7	90.2	<0.002	0.02	1.37	11.7	2	1.6	358	0.70	<0.05	11.8	0.271	0.92	2.7
N812393		20.5	91.0	<0.002	0.05	2.15	10.7	2	1.5	347	0.66	<0.05	10.7	0.260	1.12	3.6
N812394		14.0	98.5	<0.002	0.05	2.76	10.1	2	1.7	250	0.75	<0.05	10.3	0.259	1.30	3.8
N812395		16.5	82.5	<0.002	0.01	1.54	10.9	2	1.6	322	0.73	<0.05	10.8	0.273	0.95	2.5
N812396		18.2	95.3	<0.002	0.01	1.12	12.2	2	1.6	394	0.76	<0.05	12.6	0.285	0.94	4.2
N812397		2710	153.5	0.002	4.98	85.0	7.9	2	7.6	88.9	0.51	0.34	11.0	0.180	2.34	5.4
N812398		19.2	94.8	<0.002	0.01	1.59	11.8	2	1.8	401	0.76	<0.05	13.3	0.266	0.93	3.9
N812399		18.3	90.8	<0.002	0.01	1.45	12.1	2	1.8	397	0.79	<0.05	13.2	0.277	0.89	3.9
N812400		18.5	79.9	<0.002	0.19	4.91	10.7	2	1.8	267	0.88	<0.05	10.8	0.262	1.14	5.8
N812401		21.9	91.8	<0.002	0.09	9.67	11.6	2	2.4	283	0.77	<0.05	11.1	0.297	1.61	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza-98/91

CERTIFICATE OF ANALYSIS WH12182361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812366		82	5.6	18.1	61	34.5		
N812367		79	1.7	17.6	112	33.9		
N812368		77	2.2	16.3	55	30.0		
N812369		69	2.7	16.1	86	31.7		
N812370		65	28.0	15.1	282	28.4		
N812371		71	3.6	15.8	109	30.6		
N812372		60	2.3	14.6	155	24.9		
N812373		69	2.8	15.4	59	29.7		
N812374		70	2.7	12.4	73	28.9		
N812375		71	2.8	12.4	74	29.7		
N812376		74	2.2	13.2	69	30.6		
N812377		2	0.1	0.9	13	<0.5		
N812378		72	1.9	12.5	63	30.7		
N812379		70	1.7	12.1	73	32.0		
N812380		72	1.5	14.0	77	30.9		
N812381		73	1.8	15.8	59	33.1		
N812382		53	5.1	10.5	>10000	34.0	124	1.625
N812383		71	1.7	15.3	82	32.8		
N812384		68	1.5	13.6	68	28.3		
N812385		73	0.8	15.6	63	31.8		
N812386		72	1.2	14.4	84	29.7		
N812387		62	1.3	13.7	143	28.1		
N812388		85	1.9	15.4	133	31.3		
N812389		2	0.1	0.8	15	<0.5		
N812390		75	2.3	15.1	149	31.8		
N812391		76	1.6	17.2	52	34.0		
N812392		77	1.3	17.2	51	35.5		
N812393		73	1.7	13.9	57	35.5		
N812394		71	1.5	12.9	58	34.1		
N812395		76	1.3	14.6	54	34.6		
N812396		80	1.4	17.9	55	37.7		
N812397		56	5.3	10.3	5110	27.6		
N812398		75	1.4	18.1	58	36.6		
N812399		79	1.2	18.3	63	37.2		
N812400		72	2.0	14.3	79	35.6		
N812401		91	2.3	15.9	82	37.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza-98/91

CERTIFICATE OF ANALYSIS WH12182361

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182388

Project: Klaza - 96

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

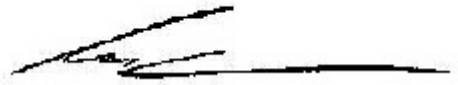
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182388

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813994		2.28	0.019	0.70	7.73	24.8	930	1.98	0.25	2.94	1.63	49.2	10.3	8	19.35	26.7
N813995		5.83	<0.005	0.32	7.73	15.6	1760	1.59	0.17	2.74	0.35	47.3	9.2	8	14.45	10.3
N813996		2.83	0.007	0.09	7.54	4.3	2000	1.52	0.07	2.63	0.09	42.8	9.1	9	12.80	8.4
N813997		0.23	4.59	>100	5.66	6880	510	1.05	56.0	2.02	241	31.9	10.3	17	12.10	1325
N813998		7.02	<0.005	0.18	7.74	6.0	2320	1.60	0.09	2.76	0.19	51.1	8.7	11	11.25	8.1
N813999		3.03	<0.005	0.22	7.80	4.3	2160	1.55	0.06	2.83	0.40	48.8	8.5	8	10.60	18.8
N814000		2.63	0.284	1.28	6.98	2030	1030	1.33	1.75	2.18	0.94	49.1	7.8	7	16.25	57.4
M355001		1.94	<0.005	0.02	0.17	8	30	0.12	0.02	20.6	0.06	1.33	1.5	1	0.56	2.7
M355002		3.14	<0.005	0.19	7.15	10.5	620	1.99	0.55	3.04	0.45	43.0	8.3	7	14.40	6.5
M355003		2.99	0.846	7.34	6.40	238	610	1.43	3.55	1.48	3.75	45.2	9.1	5	12.20	342
M355004		2.35	<0.005	0.03	0.11	6	30	0.09	0.02	21.3	0.07	1.20	1.5	<1	0.68	2.1
M355005		5.04	<0.005	0.10	7.78	3.9	1970	1.68	0.08	2.38	0.12	48.9	8.3	7	9.26	7.6
M355006		9.31	<0.005	0.09	7.57	3.6	2370	1.72	0.07	2.94	0.09	50.6	9.1	11	5.74	8.8
M355007		2.82	<0.005	0.17	7.47	13.8	2050	1.72	0.09	2.91	0.19	57.8	8.9	7	12.20	9.1
M355008		8.65	<0.005	0.09	7.37	3.2	2150	1.62	0.05	3.30	0.08	43.0	8.5	10	9.75	7.1
M355009		<0.02	<0.005	0.11	7.34	3.3	2130	1.60	0.06	3.28	0.07	42.2	8.3	7	9.91	7.1
M355010		5.12	<0.005	0.11	7.34	3.1	2010	1.51	0.05	2.95	0.12	40.5	8.3	8	8.54	7.3
M355011		1.91	0.007	0.48	7.52	34.3	1750	1.56	0.06	2.93	0.55	45.2	8.9	7	16.25	13.8
M355012		8.03	<0.005	0.08	7.04	3.4	2150	1.64	0.06	3.32	0.07	42.4	8.3	8	13.30	6.7
M355013		4.08	<0.005	0.09	7.38	2.9	2130	1.75	0.06	2.90	0.09	44.3	9.1	9	10.00	7.5
M355014		3.55	<0.005	0.08	6.80	5.9	1250	1.15	0.06	4.24	0.10	49.4	7.7	6	12.40	7.2
M355015		2.55	<0.005	0.20	6.09	20.8	860	1.28	0.08	2.25	0.33	45.5	6.6	5	23.6	5.5
M355016		0.23	4.59	>100	5.60	6560	1020	1.10	52.3	1.98	235	30.5	9.8	16	11.50	1280
M355017		7.52	<0.005	0.19	7.73	19.1	750	1.59	0.11	1.64	0.40	51.8	9.7	8	28.3	9.7
M355018		3.89	0.157	2.34	6.21	1440	340	1.34	0.15	2.02	16.50	46.2	9.3	7	15.25	110.0
M355019		2.92	0.046	2.24	7.10	202	510	1.27	0.25	1.47	2.51	49.8	6.3	8	10.00	152.5
M355020		5.09	1.055	7.16	6.57	3290	300	1.11	1.69	1.43	9.61	41.9	7.6	7	10.65	126.0
M355021		2.69	0.009	0.75	7.61	109.5	1290	1.48	0.16	2.40	4.62	42.7	6.8	10	13.65	22.7
M355022		1.22	0.012	1.16	7.51	146.0	1280	1.47	0.20	2.25	6.51	41.7	6.9	8	13.05	35.4
M355023		8.91	<0.005	0.12	7.67	18.5	2140	1.33	0.12	2.91	0.10	43.7	7.8	9	16.30	15.5
M355024		8.73	<0.005	0.15	7.65	32.5	1860	1.43	0.11	2.21	0.10	44.5	8.9	9	16.50	13.6
M355025		8.16	<0.005	0.07	8.51	10.5	1660	1.31	0.10	1.17	0.11	51.5	7.7	9	18.25	7.8
M355026		4.70	<0.005	0.13	7.32	8.7	1520	1.48	0.37	2.16	0.29	42.9	7.5	8	15.05	4.7
M355027		3.76	<0.005	0.05	7.08	7.2	2070	1.36	0.16	3.45	0.13	48.0	8.2	7	17.60	2.3
M355028		2.84	<0.005	0.21	7.65	8.0	960	1.52	0.64	1.58	0.27	43.2	6.7	8	13.50	4.2
M355029		2.78	0.032	1.35	7.62	251	970	1.45	0.44	1.96	1.51	47.0	9.7	10	13.30	225

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813994		3.83	16.60	0.18	1.0	0.111	2.75	26.0	284	1.07	2900	1.63	0.06	7.4	3.3	720
N813995		3.41	17.00	0.17	1.2	0.054	2.96	23.7	24.4	0.86	1640	1.94	1.14	8.1	2.7	710
N813996		3.25	16.75	0.17	1.1	0.039	2.65	21.2	21.3	0.86	709	0.77	1.53	8.3	2.7	650
N813997		8.54	13.70	0.24	1.0	4.91	2.43	16.4	33.1	0.64	3250	17.20	0.09	5.6	13.9	470
N813998		3.13	16.30	0.19	1.1	0.037	2.77	27.6	21.9	0.86	701	0.87	2.06	7.5	2.3	630
N813999		3.11	16.50	0.18	1.0	0.036	2.68	26.7	17.5	0.86	738	0.84	2.02	7.7	2.3	630
N814000		4.02	14.95	0.18	0.9	0.094	1.83	28.2	277	0.74	1180	0.89	0.05	6.5	2.1	560
M355001		0.48	0.46	0.05	<0.1	<0.005	0.06	0.7	2.3	12.60	230	0.11	0.01	0.4	0.5	230
M355002		3.35	16.85	0.14	1.0	0.049	2.18	22.3	322	0.97	1660	0.92	0.04	7.4	2.1	620
M355003		5.16	15.60	0.20	0.9	0.212	2.49	25.4	108.5	0.63	6140	1.57	0.03	6.1	2.1	520
M355004		0.50	0.37	0.05	<0.1	<0.005	0.06	0.6	2.1	12.85	243	0.16	0.01	0.3	<0.2	170
M355005		3.01	17.25	0.17	1.1	0.038	2.66	25.6	45.1	0.83	792	0.73	1.49	7.5	2.0	640
M355006		3.17	17.75	0.15	0.9	0.040	2.50	25.9	23.5	0.91	747	0.86	2.27	7.7	2.3	670
M355007		3.24	17.10	0.18	0.9	0.063	2.93	31.7	36.8	0.85	1580	0.64	1.20	7.4	2.1	630
M355008		3.13	16.65	0.16	1.0	0.035	2.49	21.3	23.5	0.88	722	0.92	1.82	7.3	2.2	640
M355009		3.09	15.85	0.15	0.9	0.035	2.44	22.3	22.6	0.87	710	0.98	1.81	7.1	2.2	630
M355010		3.00	16.35	0.17	1.0	0.038	2.53	20.3	17.3	0.77	719	0.82	1.99	7.4	2.2	620
M355011		3.06	16.65	0.18	1.0	0.060	2.86	22.2	30.1	0.66	1680	0.85	0.99	7.4	2.2	660
M355012		3.01	15.95	0.17	1.0	0.034	2.57	21.3	26.5	0.84	778	0.78	1.70	7.2	2.2	630
M355013		3.25	16.90	0.19	1.0	0.040	2.63	22.2	24.8	0.87	734	0.97	2.23	7.9	2.4	680
M355014		2.65	14.35	0.15	0.9	0.032	1.91	26.7	56.0	0.58	786	0.51	0.07	6.8	1.9	580
M355015		2.40	13.25	0.16	0.7	0.040	2.23	25.8	45.8	0.75	1600	1.13	0.06	5.4	1.9	500
M355016		8.32	13.10	0.24	0.9	4.67	2.37	16.4	33.2	0.63	3160	16.05	0.08	5.4	13.2	470
M355017		3.16	17.45	0.16	1.0	0.043	1.89	26.0	111.0	0.64	1520	2.86	0.03	8.1	3.1	700
M355018		3.77	14.90	0.15	0.7	0.286	2.60	28.4	21.0	0.76	3750	3.57	0.02	5.8	4.0	500
M355019		4.85	16.15	0.16	0.8	0.199	3.22	30.0	9.0	0.83	6660	1.68	0.03	6.1	2.5	590
M355020		5.47	16.20	0.14	0.7	0.295	2.86	23.9	18.9	0.54	4650	8.12	0.03	6.2	3.1	560
M355021		3.88	17.70	0.17	0.8	0.210	2.90	23.4	85.5	0.87	2650	0.84	0.41	7.0	2.5	660
M355022		3.97	17.45	0.17	0.8	0.288	2.78	23.0	97.2	0.80	2540	0.86	0.34	7.0	2.4	660
M355023		3.19	16.90	0.18	0.9	0.049	2.74	22.5	17.2	0.74	929	1.00	1.24	6.9	2.7	670
M355024		3.15	17.65	0.18	0.9	0.042	2.47	21.9	25.2	0.69	846	0.86	1.21	7.3	3.1	690
M355025		3.18	18.15	0.18	0.9	0.047	2.45	29.5	35.9	0.47	920	1.02	0.08	7.8	2.7	730
M355026		3.11	15.65	0.15	0.9	0.043	2.67	22.3	40.6	0.83	1540	0.67	0.04	6.5	2.7	640
M355027		3.04	16.25	0.18	0.9	0.065	2.74	28.7	49.0	1.10	1440	0.52	0.04	6.4	2.6	570
M355028		3.08	16.75	0.17	1.0	0.056	2.81	21.8	32.5	0.71	1420	0.81	0.05	7.3	2.3	670
M355029		5.06	16.65	0.18	1.0	0.155	3.43	28.8	53.7	0.93	2880	1.26	0.03	6.9	2.9	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813994		96.3	145.5	<0.002	0.33	22.2	11.8	2	1.7	172.5	0.65	<0.05	13.6	0.279	2.21	4.9
N813995		58.9	128.5	<0.002	0.19	8.79	11.4	2	2.7	302	0.74	<0.05	13.5	0.287	1.61	4.4
N813996		18.1	93.1	<0.002	0.01	5.58	11.3	2	1.6	377	0.72	<0.05	12.5	0.287	1.06	3.7
N813997		9870	136.5	0.002	7.72	232	7.5	4	8.5	128.5	0.45	0.52	10.0	0.191	2.37	5.8
N813998		23.1	103.5	<0.002	0.03	4.28	11.1	2	1.5	432	0.70	<0.05	15.1	0.270	1.00	4.5
N813999		42.2	100.5	<0.002	0.02	2.08	11.0	2	1.5	420	0.69	<0.05	14.6	0.272	0.95	4.3
N814000		71.5	107.0	<0.002	1.57	45.9	10.4	2	3.4	170.0	0.58	<0.05	13.2	0.236	1.14	5.0
M355001		1.6	3.7	<0.002	0.01	0.10	0.5	2	<0.2	42.0	<0.05	<0.05	<0.2	0.006	0.02	0.4
M355002		14.0	88.9	<0.002	0.11	20.5	11.7	2	1.5	168.5	0.68	<0.05	11.7	0.258	1.42	3.2
M355003		448	160.5	<0.002	3.04	130.0	10.1	1	8.6	104.5	0.55	<0.05	14.0	0.218	1.90	7.8
M355004		2.1	4.0	<0.002	0.01	0.21	0.6	2	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M355005		19.2	105.5	<0.002	0.02	4.92	12.2	2	1.5	324	0.70	<0.05	14.1	0.273	1.04	3.6
M355006		18.0	80.4	<0.002	0.01	1.63	11.6	2	1.5	447	0.63	<0.05	11.7	0.280	0.86	3.4
M355007		20.3	138.0	<0.002	0.19	7.16	11.8	2	1.5	293	0.61	<0.05	13.8	0.265	1.60	3.7
M355008		16.9	81.3	<0.002	0.01	8.53	10.7	2	1.4	469	0.64	<0.05	11.5	0.272	0.86	3.2
M355009		16.7	82.3	<0.002	0.01	8.69	10.3	2	1.4	474	0.61	<0.05	11.8	0.268	0.84	3.5
M355010		20.9	82.9	<0.002	0.01	4.74	10.5	2	1.5	414	0.65	<0.05	11.5	0.269	0.90	3.5
M355011		70.1	109.5	<0.002	0.20	11.65	10.6	2	1.7	306	0.67	<0.05	11.8	0.277	1.40	3.7
M355012		15.9	77.5	<0.002	0.01	8.76	10.0	2	1.5	396	0.66	<0.05	10.9	0.263	0.92	3.5
M355013		16.9	79.1	<0.002	0.01	2.18	11.0	2	1.6	437	0.68	<0.05	11.8	0.284	0.93	3.8
M355014		17.1	68.4	<0.002	0.02	38.6	9.8	2	1.4	177.5	0.62	<0.05	11.7	0.248	0.77	3.6
M355015		21.0	113.5	<0.002	0.22	42.6	8.9	2	1.3	173.5	0.49	<0.05	10.7	0.208	2.08	7.6
M355016		9640	132.5	<0.002	7.54	225	7.2	4	8.4	124.5	0.42	0.51	9.1	0.185	2.19	5.4
M355017		20.5	82.9	<0.002	0.13	38.5	12.4	1	1.7	138.0	0.69	<0.05	12.6	0.301	1.46	2.9
M355018		166.0	186.0	<0.002	1.77	79.0	10.1	1	2.7	85.2	0.45	<0.05	11.7	0.220	2.61	9.5
M355019		171.0	229	<0.002	1.44	80.4	10.0	<1	3.4	54.1	0.53	<0.05	12.4	0.237	3.04	5.9
M355020		1475	194.0	<0.002	4.21	137.0	9.8	<1	5.7	63.5	0.46	<0.05	11.2	0.231	2.44	9.9
M355021		229	141.5	<0.002	0.55	12.95	10.6	1	3.2	215	0.55	<0.05	11.0	0.269	1.89	5.0
M355022		381	128.0	<0.002	0.86	14.90	10.5	1	3.4	210	0.55	<0.05	10.8	0.263	1.88	5.3
M355023		19.7	112.5	<0.002	0.04	6.61	10.7	1	1.8	315	0.59	<0.05	11.8	0.270	1.40	3.8
M355024		16.7	103.5	<0.002	0.03	13.05	11.3	1	1.9	296	0.60	<0.05	10.9	0.276	1.12	3.1
M355025		15.8	115.0	<0.002	0.03	26.5	12.2	1	2.0	111.0	0.66	<0.05	15.0	0.295	1.11	3.5
M355026		21.0	123.5	<0.002	0.10	19.05	10.3	1	1.9	79.5	0.57	<0.05	12.0	0.260	1.71	3.2
M355027		6.7	164.0	<0.002	0.22	17.05	10.2	1	1.6	126.5	0.52	<0.05	12.5	0.239	1.67	3.6
M355028		16.0	131.0	<0.002	0.09	18.25	10.0	1	1.8	84.4	0.64	<0.05	12.5	0.272	1.66	3.4
M355029		71.9	229	<0.002	0.94	26.7	11.2	1	3.0	73.3	0.60	<0.05	15.0	0.264	2.72	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N813994		83	5.1	16.1	256	24.7		
N813995		84	3.9	15.1	92	29.2		
N813996		83	2.4	13.9	57	28.7		
N813997		56	4.7	9.5	>10000	33.2	121	1.600
N813998		77	1.7	16.0	62	28.3		
N813999		77	1.8	15.9	88	26.5		
N814000		70	5.4	13.7	130	23.2		
M355001		3	0.1	1.0	13	<0.5		
M355002		80	5.1	16.2	101	26.9		
M355003		66	9.7	11.4	411	22.9		
M355004		3	0.1	0.9	15	<0.5		
M355005		78	4.3	16.7	58	27.7		
M355006		79	1.1	15.5	56	23.7		
M355007		76	1.5	15.5	66	23.0		
M355008		76	1.6	14.1	53	23.5		
M355009		75	1.8	13.7	53	23.9		
M355010		76	2.3	14.5	58	25.1		
M355011		79	3.4	15.2	113	26.0		
M355012		75	2.3	14.7	53	25.9		
M355013		84	1.1	15.4	55	26.0		
M355014		69	11.3	15.6	46	22.2		
M355015		64	3.9	11.4	74	15.9		
M355016		55	4.5	9.4	>10000	31.6	121	1.610
M355017		84	5.5	13.7	89	23.4		
M355018		70	5.8	10.4	1990	16.3		
M355019		73	7.6	10.2	371	14.8		
M355020		73	8.5	10.1	1210	15.0		
M355021		80	3.0	13.3	603	16.5		
M355022		76	3.4	12.0	835	16.0		
M355023		79	2.0	14.0	63	17.1		
M355024		84	2.9	14.6	62	17.8		
M355025		85	5.0	16.1	65	19.1		
M355026		81	2.1	11.2	106	15.8		
M355027		69	2.8	11.7	66	18.2		
M355028		79	3.3	11.8	79	18.6		
M355029		78	4.9	12.9	188	19.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182388

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12182389

Project: Klaza - 96

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

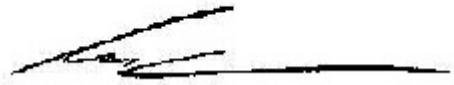
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182389

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
M355030		2.96	0.041		2.60	7.15	525	740	1.51	0.11	2.07	1.49	46.4	7.5	8	13.55
M355031		9.61	<0.005		0.40	7.93	42.3	1800	1.34	0.11	1.95	0.18	45.5	7.6	13	15.90
M355032		3.99	<0.005		0.10	8.15	4.3	2210	1.63	0.12	2.90	0.08	51.0	8.9	11	12.50
M355033		1.91	<0.005		0.07	8.04	2.9	2140	1.44	0.10	2.78	0.07	43.8	8.4	11	12.90
M355034		3.24	0.021		0.64	7.91	333	1970	1.10	0.09	2.27	0.11	48.5	9.4	13	21.1
M355035		2.70	0.232		2.21	7.22	1100	1290	1.29	0.10	2.21	4.15	44.5	7.9	11	15.70
M355036		3.96	<0.005		0.12	7.34	5.5	2030	1.48	0.09	2.94	0.08	39.1	7.9	11	13.70
M355037		2.82	<0.005		0.07	7.48	6.4	1880	1.38	0.13	3.01	0.06	37.8	8.2	8	11.95
M355038		7.18	<0.005		0.08	7.47	4.4	2110	1.43	0.12	3.02	0.12	43.7	8.4	11	10.75
M355039		3.67	0.005		0.16	7.48	73.6	1930	1.45	0.13	2.82	0.14	40.3	8.7	10	14.55
M355040		4.57	<0.005		0.14	7.45	12.9	1930	1.43	0.17	2.02	0.12	38.9	8.3	11	14.80
M355041		<0.02	<0.005		0.15	7.60	17.5	1960	1.47	0.18	2.05	0.13	42.5	8.9	10	15.65
M355042		7.73	<0.005		0.16	7.86	3.8	2090	1.64	0.84	3.08	0.09	44.0	8.5	10	14.30
M355043		3.91	<0.005		0.15	7.45	25.1	1830	1.08	0.15	2.07	0.12	37.1	7.9	10	19.95
M355044		2.79	0.029		0.86	6.91	259	2140	1.57	0.22	2.93	1.38	38.9	6.8	7	18.70
M355045		2.45	<0.005		0.14	8.06	12.3	2020	1.22	0.19	1.68	0.13	49.2	7.9	10	14.15
M355046		6.48	<0.005		0.13	8.02	11.2	2100	1.36	0.14	2.64	0.08	47.7	8.9	17	14.05
M355047		8.82	<0.005		0.06	7.10	3.1	1930	1.37	0.09	2.52	0.07	45.0	7.2	10	13.00
M355048		8.48	<0.005		0.15	7.87	5.6	1970	1.20	0.09	1.69	0.41	50.1	7.4	11	13.95
M355049		3.16	<0.005		0.10	7.38	7.4	1820	1.27	0.09	2.14	0.07	45.0	7.8	11	14.25
M355050		0.26	4.66		>100	5.40	8170	1170	1.04	58.0	1.95	221	35.9	8.7	17	10.95
M355051		6.75	<0.005		0.90	8.46	29.5	2100	1.14	0.49	1.54	1.37	57.1	8.2	14	14.65
M355052		2.51	0.269		5.46	7.02	863	480	1.02	4.10	0.35	21.5	42.2	6.2	10	7.61
M355053		7.19	>10.0	25.1	>100	3.02	>10000	290	0.51	161.0	1.23	517	15.80	10.6	8	4.70
M355054		4.55	<0.005		0.52	0.06	50	50	<0.05	0.15	21.3	0.49	1.17	0.8	1	0.12
M355055		2.95	0.315		5.79	7.70	1265	670	1.51	1.30	2.05	12.10	66.1	8.4	17	22.1
M355056		4.75	0.026		3.10	7.95	151.0	910	1.41	0.25	3.68	7.32	49.6	7.4	9	19.35
M355057		3.98	0.043		0.82	7.72	298	800	1.35	0.16	2.57	4.22	47.9	7.0	9	24.2
M355058		2.74	0.305		1.70	7.37	1815	2230	1.35	0.20	3.78	6.40	52.2	7.1	8	24.0
M355059		5.04	0.136		3.26	7.63	439	910	1.38	2.53	1.52	10.00	63.4	10.1	11	19.20
M355060		0.26	4.56		>100	5.53	8410	1240	1.01	59.7	2.00	227	35.1	8.9	17	10.50
M355061		2.54	0.046		1.05	7.73	109.0	960	1.43	1.71	1.60	1.62	64.7	9.7	19	21.8
M355062		5.23	0.091		3.91	7.40	346	980	1.24	6.28	1.02	10.05	51.8	19.1	8	14.05
M355063		7.63	>10.0	10.55	92.7	3.96	>10000	460	0.69	46.1	0.74	176.5	21.9	15.9	7	6.09
M355064		4.05	<0.005		0.11	0.07	48	60	0.05	0.08	21.9	0.21	1.24	1.0	1	0.15
M355065		3.53	0.073		3.56	7.49	227	770	1.44	2.26	0.49	18.35	49.5	16.2	9	10.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M355030		312	3.56	14.65	0.11	0.9	0.108	3.24	25.3	31.9	0.82	2450	1.08	0.05	6.1	3.2
M355031		30.6	3.12	16.15	0.13	1.0	0.045	2.97	22.3	27.1	0.67	1200	0.77	0.60	6.9	2.9
M355032		12.5	3.39	16.50	0.18	1.0	0.051	2.78	26.6	16.0	0.92	760	1.44	1.98	7.3	3.5
M355033		9.6	3.30	15.70	0.12	1.1	0.037	2.68	21.9	14.4	0.92	740	0.85	2.03	7.1	3.1
M355034		7.6	3.32	16.45	0.14	1.1	0.048	2.96	23.8	35.5	0.85	1140	1.48	0.12	7.3	3.8
M355035		52.7	3.65	15.05	0.12	0.9	0.064	2.62	23.3	35.4	0.78	3160	2.47	0.07	6.6	2.9
M355036		7.5	3.10	15.90	0.11	1.0	0.035	2.61	18.1	14.0	0.71	791	3.57	1.76	7.0	2.9
M355037		6.4	3.10	15.90	0.12	1.1	0.040	2.82	18.0	20.2	0.77	866	0.91	1.04	7.2	2.8
M355038		7.1	3.18	16.00	0.10	1.0	0.037	2.62	20.5	18.4	0.87	774	0.92	1.86	7.1	3.2
M355039		11.2	3.30	16.30	0.11	0.9	0.056	2.76	18.8	23.5	0.83	1160	1.64	1.39	7.4	2.9
M355040		7.9	3.36	16.00	0.14	1.0	0.043	2.55	18.8	22.8	0.49	1180	0.72	0.46	7.4	2.9
M355041		9.2	3.39	17.50	0.16	1.1	0.041	2.63	20.6	24.2	0.50	1200	1.01	0.47	7.9	3.1
M355042		8.6	3.35	16.40	0.14	1.0	0.038	2.72	21.4	14.7	0.79	826	1.01	1.90	7.2	3.0
M355043		7.1	3.08	16.35	0.15	1.2	0.039	2.35	17.8	36.6	0.57	1060	0.78	0.11	7.4	2.9
M355044		14.1	2.96	14.00	0.14	0.9	0.045	3.09	20.0	23.6	0.92	3030	1.00	0.05	6.0	2.6
M355045		22.2	3.17	17.60	0.12	1.1	0.046	2.87	25.5	34.3	0.62	827	1.70	0.32	8.2	2.6
M355046		21.3	3.34	16.55	0.13	1.1	0.042	2.67	23.2	18.1	0.89	866	1.22	1.54	7.5	3.5
M355047		8.1	2.75	14.45	0.11	0.8	0.033	2.30	23.3	13.6	0.77	623	0.82	1.91	6.4	2.6
M355048		18.4	3.08	17.40	0.12	1.1	0.042	2.89	26.5	28.3	0.68	657	1.10	0.76	9.0	2.6
M355049		21.1	3.36	16.15	0.12	1.0	0.038	2.88	22.6	22.0	0.68	889	1.01	0.89	8.2	2.5
M355050		1295	8.23	13.15	0.15	1.1	4.58	2.28	19.1	32.2	0.62	2980	15.75	0.08	5.8	13.6
M355051		73.7	3.82	17.15	0.14	1.1	0.079	3.26	30.3	36.6	0.81	1460	1.42	0.13	9.2	3.0
M355052		138.0	5.74	16.30	0.15	1.0	0.705	3.35	22.6	7.4	0.37	5570	2.96	0.02	7.8	2.7
M355053		2010	14.70	8.60	0.17	0.5	4.57	1.33	6.2	14.7	0.50	7500	17.35	0.01	3.1	2.3
M355054		4.1	0.51	0.22	<0.05	<0.1	0.009	0.02	0.6	1.3	12.60	231	0.13	<0.01	0.3	<0.2
M355055		27.3	4.33	17.55	0.15	2.4	0.155	2.99	36.0	48.9	0.87	4030	1.90	0.03	9.4	6.6
M355056		42.9	3.83	16.05	0.13	1.0	0.066	3.11	26.6	52.2	1.19	4570	2.19	0.04	7.9	2.8
M355057		7.2	3.30	15.45	0.13	1.1	0.046	2.55	25.0	75.2	0.83	2680	1.15	0.03	8.3	2.4
M355058		12.9	3.58	15.25	0.14	1.1	0.068	2.94	29.2	25.0	1.27	5500	3.14	0.03	8.1	2.6
M355059		34.5	5.72	16.35	0.16	1.1	0.198	3.38	34.1	22.7	0.63	4390	1.82	0.03	8.5	3.1
M355060		1320	8.43	13.10	0.16	1.1	4.43	2.33	18.6	31.7	0.64	3060	15.30	0.08	5.6	13.5
M355061		16.7	4.65	17.40	0.16	2.6	0.160	2.97	34.8	106.5	0.94	2540	1.03	0.05	9.6	7.2
M355062		19.5	5.53	17.75	0.15	0.9	0.109	3.40	28.1	9.4	0.62	3730	2.42	0.03	7.4	5.1
M355063		1950	11.10	11.95	0.17	0.6	1.390	1.81	11.4	8.7	0.30	1610	34.1	0.03	3.5	3.1
M355064		3.1	0.52	0.22	<0.05	<0.1	0.006	0.03	0.6	1.1	13.10	230	0.16	<0.01	0.3	<0.2
M355065		14.3	4.11	16.50	0.14	1.1	0.183	3.61	26.2	5.9	0.39	1440	5.49	0.04	7.6	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M355030		530	78.0	213	0.002	0.76	98.0	10.4	1	2.6	93.0	0.49	<0.05	12.6	0.239	2.73
M355031		610	14.9	126.0	0.002	0.09	19.30	11.3	1	1.6	182.0	0.60	<0.05	11.4	0.281	1.52
M355032		690	15.3	111.0	0.006	0.01	3.10	12.2	1	1.7	395	0.66	<0.05	13.6	0.297	1.12
M355033		680	14.5	102.5	0.005	0.01	2.81	11.7	1	1.6	400	0.66	<0.05	12.0	0.300	1.08
M355034		730	14.7	108.0	0.004	0.17	18.90	12.7	1	1.8	161.0	0.63	<0.05	12.4	0.312	1.81
M355035		550	113.5	122.0	0.004	0.94	50.9	11.3	1	2.0	112.0	0.59	<0.05	11.7	0.249	1.82
M355036		620	14.9	88.3	0.003	0.01	4.10	10.0	1	1.4	369	0.61	<0.05	10.1	0.275	1.04
M355037		630	14.3	95.2	0.003	0.02	6.61	10.0	1	1.5	267	0.66	<0.05	11.5	0.278	1.18
M355038		620	14.9	89.6	0.002	0.02	2.15	10.7	1	1.5	389	0.65	<0.05	11.4	0.278	1.00
M355039		660	18.4	95.0	0.004	0.09	9.07	10.7	1	1.7	303	0.65	<0.05	10.2	0.293	1.30
M355040		660	12.6	96.1	0.005	0.03	22.0	10.7	1	1.6	148.5	0.67	<0.05	10.6	0.287	1.17
M355041		680	13.5	102.0	0.004	0.04	23.9	11.4	1	1.8	152.5	0.70	<0.05	11.2	0.299	1.24
M355042		650	17.7	101.5	0.004	0.04	4.44	11.2	1	1.6	385	0.64	<0.05	12.3	0.285	1.08
M355043		640	12.8	81.8	0.004	0.07	22.6	10.9	1	1.7	147.5	0.67	<0.05	10.4	0.298	1.33
M355044		560	72.5	131.0	0.004	0.41	18.90	9.3	1	1.4	115.0	0.57	<0.05	10.5	0.243	2.43
M355045		660	14.4	112.5	0.005	0.03	14.80	12.0	1	1.8	157.5	0.69	<0.05	12.9	0.299	1.31
M355046		720	14.9	100.0	0.003	0.03	9.00	12.1	1	1.8	337	0.64	<0.05	12.3	0.301	1.10
M355047		570	12.8	96.6	0.005	0.01	1.78	10.2	1	1.4	381	0.56	<0.05	11.3	0.246	0.85
M355048		690	23.6	122.0	<0.002	0.04	13.65	12.2	1	1.8	255	0.67	<0.05	14.2	0.290	1.24
M355049		630	13.5	113.0	<0.002	0.05	16.55	12.0	1	1.8	191.5	0.65	<0.05	11.8	0.265	1.34
M355050		450	9110	145.0	<0.002	7.28	217	7.2	2	8.7	130.0	0.42	0.49	9.2	0.179	2.13
M355051		760	58.8	157.5	<0.002	0.12	20.6	13.0	1	2.0	149.5	0.69	<0.05	16.1	0.299	1.59
M355052		580	545	216	<0.002	3.53	35.3	10.7	1	4.8	28.4	0.64	0.06	13.8	0.247	2.60
M355053		250	>10000	90.2	<0.002	>10.0	1100	4.4	4	14.1	51.1	0.24	2.20	4.2	0.106	1.25
M355054		170	161.0	1.3	<0.002	0.03	1.14	0.2	1	<0.2	54.2	<0.05	<0.05	<0.2	<0.005	<0.02
M355055		1040	456	192.5	<0.002	1.95	33.7	10.6	1	3.7	229	0.66	<0.05	12.8	0.322	2.59
M355056		650	372	162.5	<0.002	0.43	21.5	11.8	1	2.0	185.5	0.59	<0.05	12.7	0.277	2.63
M355057		650	178.0	108.5	<0.002	0.40	14.80	11.3	1	1.9	225	0.65	<0.05	12.7	0.272	1.95
M355058		600	279	178.5	<0.002	1.44	35.3	10.8	1	2.4	202	0.64	<0.05	13.9	0.250	2.75
M355059		790	384	186.5	<0.002	3.04	25.2	15.0	1	5.5	105.5	0.57	<0.05	14.5	0.308	2.45
M355060		460	9380	140.0	<0.002	7.46	221	7.3	2	8.4	129.0	0.43	0.45	8.9	0.184	2.16
M355061		1130	134.0	157.0	<0.002	0.78	23.0	10.2	1	2.7	273	0.65	<0.05	12.3	0.322	2.09
M355062		600	943	206	<0.002	3.12	46.4	11.9	1	3.6	83.3	0.52	0.09	13.6	0.244	2.71
M355063		250	>10000	105.5	<0.002	9.99	608	5.7	2	11.3	49.4	0.26	0.44	5.8	0.115	1.32
M355064		170	16.0	1.3	<0.002	0.03	0.62	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02
M355065		650	1460	198.5	<0.002	2.51	26.4	12.4	1	4.0	46.9	0.60	0.07	15.5	0.271	2.57

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
M355030		4.9	69	3.2	12.1	203	19.1			
M355031		3.2	80	3.1	13.3	67	20.3			
M355032		4.6	85	3.1	16.6	55	22.3			
M355033		3.6	87	1.5	15.2	55	21.7			
M355034		3.6	95	9.7	14.0	62	22.3			
M355035		4.1	79	4.0	14.4	353	18.0			
M355036		3.4	77	1.6	13.3	53	21.0			
M355037		3.6	77	1.7	12.9	54	20.4			
M355038		3.7	78	1.8	15.2	54	21.2			
M355039		3.0	83	2.4	14.1	62	20.0			
M355040		2.4	80	4.6	13.6	67	21.3			
M355041		2.3	84	4.9	14.5	67	21.3			
M355042		3.5	80	1.6	14.8	57	21.9			
M355043		2.6	87	5.4	13.6	58	23.0			
M355044		3.6	70	3.8	12.7	139	18.2			
M355045		3.0	82	4.1	15.4	49	22.3			
M355046		3.9	86	4.1	15.4	55	22.4			
M355047		3.4	68	1.5	14.5	43	17.4			
M355048		3.6	83	3.6	16.1	88	24.7			
M355049		3.3	82	2.7	14.3	58	20.8			
M355050		5.5	51	4.2	10.1	>10000	34.4	119		1.600
M355051		6.1	89	6.1	18.7	193	24.7			
M355052		7.1	73	7.4	9.9	2480	21.4			
M355053		3.6	32	4.1	6.3	>10000	13.0	621	1.750	4.35
M355054		0.6	2	0.1	0.9	51	0.8			
M355055		4.8	78	4.4	13.1	1050	85.4			
M355056		5.0	81	5.7	16.7	573	20.4			
M355057		4.2	77	3.5	15.5	356	23.4			
M355058		5.9	71	4.6	15.0	522	24.1			
M355059		4.5	99	5.9	11.8	952	24.0			
M355060		5.6	53	4.1	9.8	>10000	33.2	118		1.610
M355061		4.2	79	5.0	11.8	218	100.0			
M355062		6.7	91	8.4	9.0	1170	24.4			
M355063		3.9	52	6.0	6.4	>10000	13.5		1.830	1.895
M355064		0.8	2	0.1	0.8	38	<0.5			
M355065		10.9	80	6.5	7.2	2250	25.0			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 96

CERTIFICATE OF ANALYSIS WH12182389

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183290

Project: Klaza-96

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

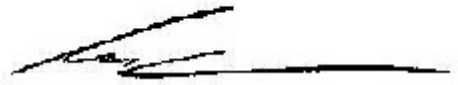
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12183290

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355066		4.12	0.036	1.76	7.62	124.0	1600	1.33	2.01	0.34	6.11	49.1	9.5	10	15.15	17.4
M355067		3.71	0.056	1.68	7.61	122.5	940	1.50	1.97	0.21	4.15	37.3	9.7	10	12.45	28.5
M355068		0.26	2.33	25.4	6.05	2990	1450	1.31	18.45	2.14	78.7	44.3	10.4	18	14.30	430
M355069		7.40	0.239	5.41	7.39	726	440	1.31	7.71	0.26	17.80	47.7	18.3	13	10.90	40.7
M355070		4.09	0.005	0.17	0.12	6	30	0.05	0.04	20.7	0.11	1.26	0.6	1	0.17	1.8
M355071		3.08	0.088	2.92	7.44	155.5	360	1.47	2.97	0.30	11.05	45.1	13.9	10	14.45	26.8
M355072		2.93	0.028	1.51	8.28	93.7	2410	1.74	1.26	1.33	6.85	69.1	7.0	12	27.6	12.1
M355073		2.89	0.085	4.68	7.43	151.0	510	1.47	3.29	0.35	47.1	43.7	11.5	10	13.35	49.9
M355074		4.19	<0.005	0.15	0.10	<5	30	0.08	0.03	20.7	0.10	1.23	0.6	1	0.21	1.4
M355075		4.31	0.067	2.06	7.23	97.7	1270	1.41	3.19	0.36	4.99	50.2	9.7	9	15.05	6.5
M355076		6.03	0.043	2.15	6.80	106.0	1200	1.27	3.46	0.94	4.54	46.7	12.1	10	14.75	12.6
M355077		4.09	0.016	1.40	7.22	45.4	1260	1.23	2.09	1.21	4.69	55.6	6.2	9	20.4	9.5
M355078		2.76	0.020	1.27	7.06	109.5	1320	1.35	2.05	1.13	3.61	46.2	7.5	9	18.55	6.6
M355079		3.03	0.121	21.5	7.07	229	2200	1.60	1.17	1.30	7.51	51.0	10.3	10	24.2	541
M355080		3.71	0.026	1.13	8.01	44.5	2130	1.62	0.90	1.52	4.65	55.1	6.6	18	23.2	12.2
M355081		2.43	0.022	1.02	7.54	60.3	1610	1.48	1.40	0.39	1.18	51.8	6.0	9	22.0	5.4
M355082		0.26	0.887	10.70	6.85	1630	1460	1.52	6.25	1.86	44.0	47.4	17.6	19	17.35	110.0
M355083		5.34	0.015	1.56	7.88	68.4	1130	1.65	0.49	1.68	4.38	57.6	7.1	16	21.8	8.9
M355084		2.27	0.009	0.36	7.69	15.8	1500	1.60	0.66	0.81	0.27	58.6	6.7	8	24.4	6.9
M355085		3.69	<0.005	0.10	8.12	6.2	1470	1.45	0.13	0.55	0.08	52.4	5.1	9	18.65	5.2
M355086		1.87	<0.005	0.04	8.19	6.6	1320	1.61	0.14	0.56	0.08	54.7	5.1	8	19.55	5.0
M355087		6.56	0.006	0.27	7.75	8.3	1900	1.41	0.73	0.79	0.38	53.4	6.0	9	17.65	3.6
M355088		2.61	0.009	0.54	7.54	14.4	1190	1.51	1.39	1.95	0.28	50.9	7.9	8	20.7	3.1
M355089		5.09	<0.005	0.20	7.47	8.4	1190	1.76	7.19	2.19	0.08	43.9	7.1	9	15.40	3.3
M355090		8.12	<0.005	0.46	7.43	4.1	1700	1.41	0.34	2.27	0.07	40.0	6.8	10	15.05	4.7
M355091		<0.02	<0.005	0.13	8.04	4.1	1840	1.53	0.44	2.41	0.09	45.8	7.6	10	16.60	4.5
M355092		7.22	<0.005	0.16	7.60	5.4	2010	1.32	0.10	2.45	0.44	48.9	7.5	11	13.80	4.0
M355093		7.23	<0.005	0.09	7.59	3.6	2020	1.58	0.11	2.87	0.07	41.9	8.5	11	11.30	6.7
M355094		2.97	<0.005	0.48	7.42	8.0	1900	1.46	0.14	2.78	5.01	43.9	8.5	10	14.60	6.9
M355095		5.94	<0.005	0.09	7.43	4.1	2040	1.42	0.07	2.93	0.09	39.5	8.5	13	17.50	7.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12183290

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355066		3.74	18.30	0.15	1.0	0.173	3.67	26.5	5.4	0.34	954	0.75	0.05	7.8	2.4	620
M355067		3.31	19.70	0.12	0.9	0.164	3.50	19.7	3.6	0.23	384	0.92	0.06	7.1	2.3	630
M355068		6.50	13.20	0.12	0.9	1.650	2.58	23.3	22.6	0.87	1860	12.25	0.04	5.2	14.7	440
M355069		5.02	18.90	0.15	1.0	0.406	3.46	24.1	5.0	0.24	201	1.89	0.04	7.0	5.4	580
M355070		0.48	0.22	0.07	<0.1	0.005	0.04	0.6	1.0	12.45	214	0.09	0.01	0.1	1.3	190
M355071		5.04	17.50	0.15	0.9	0.201	3.43	21.9	5.1	0.27	1100	2.06	0.03	6.9	3.8	640
M355072		2.58	18.20	0.17	2.0	0.087	2.75	37.7	25.5	0.52	701	1.62	0.06	9.8	3.2	820
M355073		4.12	17.00	0.15	1.0	0.173	3.41	21.3	4.5	0.25	898	2.01	0.03	6.7	4.2	610
M355074		0.46	0.22	0.08	<0.1	<0.005	0.04	0.6	0.9	12.30	200	0.07	0.01	0.2	1.2	190
M355075		4.56	15.30	0.17	1.0	0.164	3.27	25.7	5.0	0.40	2500	2.28	0.03	7.2	3.5	570
M355076		4.11	14.00	0.13	1.0	0.223	3.05	24.8	7.4	0.50	2410	4.92	0.03	6.2	4.1	530
M355077		2.96	15.40	0.16	1.3	0.221	3.27	30.8	7.8	0.51	2510	3.53	0.03	7.5	2.5	530
M355078		2.73	14.00	0.15	1.0	0.100	3.18	26.0	9.3	0.46	2380	5.46	0.03	5.9	3.3	520
M355079		3.37	14.25	0.15	1.4	0.109	2.71	26.7	23.8	0.70	3370	12.65	0.05	6.2	6.0	640
M355080		3.24	16.55	0.15	1.9	0.174	3.13	29.9	57.4	0.82	3230	3.25	0.04	7.2	6.4	870
M355081		4.55	16.90	0.15	0.9	0.240	3.40	28.1	7.0	0.36	2710	1.53	0.04	6.5	2.4	610
M355082		5.22	15.35	0.15	1.4	0.921	2.82	24.1	25.7	0.68	2000	12.25	0.25	7.1	16.2	500
M355083		3.08	15.95	0.16	2.3	0.057	2.86	33.2	47.1	0.68	2390	1.34	0.04	7.6	5.4	900
M355084		3.14	15.65	0.15	1.0	0.055	3.34	34.1	22.3	0.44	1330	0.70	0.03	6.7	2.8	630
M355085		2.85	16.15	0.16	1.0	0.059	2.89	28.0	36.5	0.38	1150	0.53	0.04	6.8	2.4	650
M355086		2.90	16.95	0.15	0.9	0.059	2.87	29.0	43.0	0.38	1180	0.52	0.04	7.2	2.6	660
M355087		3.26	15.25	0.15	0.9	0.120	3.08	30.3	24.5	0.48	1480	0.31	0.05	6.6	2.5	610
M355088		3.19	13.70	0.13	0.9	0.052	2.73	28.5	51.8	0.70	1640	0.22	0.15	6.1	2.6	560
M355089		2.79	14.15	0.12	0.9	0.027	2.19	22.0	12.4	0.68	1300	0.25	1.63	6.5	2.4	600
M355090		2.75	15.10	0.12	1.0	0.034	2.48	21.0	17.5	0.62	809	0.76	1.57	6.4	2.6	550
M355091		2.88	16.30	0.14	1.1	0.031	2.66	23.4	19.0	0.67	863	0.60	1.67	6.9	2.8	590
M355092		3.09	15.55	0.14	0.9	0.038	2.60	24.4	15.4	0.76	1180	0.74	1.73	7.1	2.8	620
M355093		3.13	15.70	0.14	0.9	0.038	2.53	22.1	12.2	0.82	769	1.21	2.12	7.4	3.2	640
M355094		3.33	15.85	0.15	0.9	0.054	2.77	22.0	17.8	0.77	2290	0.89	1.48	7.2	3.0	640
M355095		3.22	15.75	0.14	0.9	0.036	2.53	19.5	15.8	0.84	824	1.16	2.00	7.1	3.2	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12183290

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355066		397	202	<0.002	1.65	23.7	11.8	1	4.5	52.3	0.63	0.06	14.4	0.260	2.53	2.4
M355067		238	177.5	<0.002	2.16	26.3	11.2	<1	5.8	44.1	0.60	0.11	12.4	0.265	2.37	2.0
M355068		2760	152.5	0.002	4.91	88.9	8.0	1	7.6	89.6	0.46	0.34	11.0	0.177	2.38	5.0
M355069		717	192.0	<0.002	4.77	41.9	12.6	<1	7.1	50.7	0.63	0.09	13.3	0.260	2.73	5.4
M355070		3.2	1.7	<0.002	0.03	0.21	0.2	<1	<0.2	45.5	<0.05	<0.05	0.2	<0.005	0.04	0.7
M355071		237	183.0	<0.002	4.35	29.7	12.9	<1	5.7	42.5	0.58	<0.05	11.7	0.274	2.91	3.4
M355072		298	131.5	<0.002	1.28	38.2	8.9	<1	3.2	251	0.75	<0.05	13.7	0.278	2.99	6.3
M355073		1235	184.5	<0.002	3.55	28.9	11.9	<1	6.1	45.4	0.61	<0.05	12.9	0.256	3.25	6.7
M355074		3.2	1.5	<0.002	0.04	0.16	0.2	<1	<0.2	45.3	<0.05	<0.05	0.2	<0.005	0.04	0.6
M355075		252	189.0	<0.002	2.26	24.8	11.3	<1	2.6	44.6	0.65	<0.05	14.8	0.249	3.28	8.8
M355076		148.5	177.5	<0.002	2.12	25.7	10.2	<1	1.9	59.8	0.65	<0.05	14.3	0.220	2.96	8.1
M355077		145.5	201	<0.002	0.72	19.60	11.2	1	2.3	65.8	0.82	<0.05	19.3	0.224	2.78	6.3
M355078		180.5	188.0	<0.002	0.94	24.3	9.6	1	1.5	57.9	0.61	<0.05	14.8	0.214	2.60	10.8
M355079		243	145.5	0.007	1.26	147.5	9.8	<1	2.2	233	0.61	0.07	14.7	0.237	2.22	4.9
M355080		99.0	169.5	<0.002	0.53	21.4	9.7	1	2.2	294	0.66	<0.05	14.6	0.280	2.40	4.7
M355081		73.3	191.0	<0.002	0.95	18.25	10.7	<1	4.5	37.2	0.60	<0.05	14.6	0.237	2.50	3.8
M355082		1335	164.5	<0.002	3.22	33.4	9.6	1	11.8	155.0	0.63	0.33	12.6	0.206	2.59	5.2
M355083		97.5	155.5	<0.002	0.54	25.9	9.3	<1	1.5	342	0.64	<0.05	12.7	0.302	2.40	6.4
M355084		14.6	206	<0.002	0.17	16.80	11.4	<1	1.5	84.3	0.65	<0.05	16.2	0.252	3.18	4.1
M355085		9.2	167.5	<0.002	0.08	18.05	10.9	<1	1.6	67.7	0.66	<0.05	15.9	0.253	2.07	2.9
M355086		10.0	173.0	<0.002	0.07	19.15	11.2	1	1.5	73.0	0.66	<0.05	16.5	0.255	2.03	3.7
M355087		24.7	178.5	<0.002	0.19	16.30	11.1	1	1.8	70.7	0.64	<0.05	15.5	0.240	2.17	4.1
M355088		43.5	143.0	<0.002	0.29	12.25	9.9	1	1.3	107.0	0.58	0.05	14.2	0.225	1.74	3.6
M355089		15.0	89.9	<0.002	0.05	5.81	9.3	1	1.3	307	0.66	0.17	13.0	0.237	1.32	3.5
M355090		21.3	102.0	<0.002	0.02	4.78	9.4	1	1.4	322	0.65	<0.05	13.9	0.223	1.13	4.3
M355091		22.6	104.5	<0.002	0.01	5.09	10.1	1	1.5	345	0.70	<0.05	15.6	0.242	1.21	4.8
M355092		31.5	93.5	<0.002	0.04	5.79	11.2	<1	1.4	373	0.62	<0.05	14.0	0.262	1.24	4.0
M355093		17.9	87.0	<0.002	0.01	2.33	11.4	<1	1.6	427	0.62	<0.05	11.1	0.278	0.97	3.6
M355094		103.5	106.5	<0.002	0.09	4.50	11.5	<1	1.5	345	0.58	<0.05	12.3	0.274	1.49	3.4
M355095		17.2	87.0	<0.002	0.01	2.04	11.3	<1	1.5	437	0.60	<0.05	10.4	0.279	1.09	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12183290

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M355066		77	7.3	6.7	717	21.7
M355067		78	10.1	5.6	440	19.9
M355068		55	5.0	8.9	5450	22.5
M355069		78	9.0	7.1	1680	19.9
M355070		3	0.1	0.7	20	<0.5
M355071		88	9.1	6.6	1120	20.2
M355072		62	5.6	11.0	714	62.4
M355073		77	8.1	7.3	4730	21.2
M355074		2	0.1	0.7	20	<0.5
M355075		74	7.1	7.9	515	22.6
M355076		70	4.8	9.6	523	22.5
M355077		66	2.9	12.3	493	27.0
M355078		64	2.7	10.3	376	21.2
M355079		73	2.4	12.0	557	33.1
M355080		68	2.9	10.6	511	60.1
M355081		68	6.3	7.3	137	21.1
M355082		58	5.3	11.2	3070	37.5
M355083		74	2.5	12.7	327	84.1
M355084		76	1.6	12.8	64	20.5
M355085		73	3.8	13.5	46	21.4
M355086		71	3.7	14.1	45	21.8
M355087		67	2.3	13.1	96	19.9
M355088		67	1.9	11.5	112	20.8
M355089		63	1.2	9.6	208	20.5
M355090		65	1.0	12.9	69	21.7
M355091		68	1.1	13.8	74	23.5
M355092		73	1.2	14.1	93	21.4
M355093		78	1.0	14.2	63	20.8
M355094		78	2.3	14.0	396	20.6
M355095		82	1.4	14.0	60	18.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12183290

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183291

Project: Klaza - 97

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

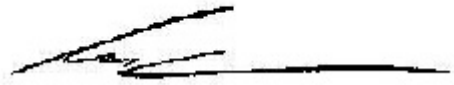
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183291

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814022		6.63	<0.005	0.06	8.18	5.3	2270	1.47	0.07	2.99	0.07	49.3	7.3	11	10.45	6.4
N814023		5.01	<0.005	0.06	8.30	6.2	2280	1.58	0.09	3.06	0.10	48.1	7.8	10	9.13	7.2
N814024		0.26	0.804	9.69	6.63	1860	370	1.44	6.98	1.90	41.0	40.5	16.5	19	14.80	103.5
N814025		5.42	<0.005	0.13	8.21	9.2	2330	1.56	0.11	3.01	0.15	47.4	10.9	10	7.17	6.0
N814026		2.52	0.011	0.69	7.60	19.1	2020	1.47	0.10	2.65	1.89	48.7	6.9	10	10.65	8.1
N814027		2.62	<0.005	0.10	7.93	4.7	2320	1.58	0.10	2.77	0.13	44.6	7.6	10	7.58	6.5
N814028		7.53	<0.005	0.08	8.10	7.1	2340	1.53	0.10	2.91	0.10	45.8	7.6	11	5.98	11.3
N814029		2.66	<0.005	0.04	7.95	4.4	2370	1.49	0.13	2.80	0.08	46.7	6.5	11	5.69	2.6
N814030		1.08	<0.005	0.07	8.18	4.6	2400	1.47	0.13	2.99	0.11	44.2	6.8	9	6.49	3.6
N814031		2.67	<0.005	0.07	7.92	7.4	2000	1.57	0.15	2.41	0.07	41.6	6.8	9	12.25	5.2
N814032		5.23	<0.005	0.05	7.93	5.2	2300	1.62	0.14	2.96	0.09	43.4	7.8	9	8.42	3.7
N814033		6.36	<0.005	0.07	7.72	6.4	2280	1.43	0.14	2.66	0.10	47.4	8.6	10	10.10	4.8
N814034		2.78	0.086	2.29	7.51	1105	2290	1.49	0.31	3.15	7.92	58.4	7.0	8	17.45	13.7
N814035		2.88	0.010	0.21	7.44	31.0	2270	1.23	0.13	2.34	0.16	44.8	5.2	9	13.55	4.9
N814036		6.41	0.011	0.31	7.61	13.3	2910	1.42	0.39	2.50	0.11	44.4	7.6	9	7.71	64.0
N814037		4.65	<0.005	0.20	7.55	12.1	2340	1.37	0.27	2.37	0.12	40.3	8.9	8	9.59	17.3
N814038		3.72	<0.005	0.08	8.09	5.3	2470	1.60	0.12	2.65	0.07	41.8	7.5	9	15.25	6.7
N814039		8.46	0.007	0.44	8.32	14.5	2400	1.47	0.14	3.11	1.26	45.6	7.3	11	6.29	7.8
N814040		0.26	0.756	9.31	6.95	1970	200	1.43	6.83	1.97	41.1	40.2	16.8	19	15.20	108.0
N814041		7.77	<0.005	0.11	7.95	7.2	2330	1.53	0.17	2.88	0.09	43.7	8.0	10	5.34	5.1
N814042		3.46	0.065	1.19	7.27	49.2	2470	1.25	1.55	2.36	3.45	41.3	12.2	9	8.07	41.5
N814043		4.45	0.025	0.47	7.28	17.2	2360	1.31	0.50	2.35	0.12	36.4	7.3	9	7.11	46.3
N814044		4.26	0.007	0.46	7.84	18.5	2860	1.35	0.55	1.94	0.20	42.1	12.4	11	4.55	43.9
N814045		<0.02	0.006	0.53	7.43	24.4	2800	1.28	0.60	1.84	0.28	41.6	14.8	8	4.56	64.5
N814046		5.59	0.015	1.50	7.51	15.6	2520	1.20	1.79	2.48	0.58	47.2	11.7	9	5.41	87.9
N814047		4.20	0.032	0.35	7.73	21.3	2630	1.25	0.43	1.92	0.32	45.0	9.0	9	5.63	22.3
N814048		4.97	0.017	1.58	7.62	36.3	2370	1.26	0.72	1.81	0.73	45.0	19.0	9	6.87	133.5
N814049		3.88	0.009	0.30	8.17	12.1	2760	1.10	0.33	1.43	0.08	49.8	6.9	9	6.45	26.9
N814050		5.78	<0.005	0.33	7.79	7.2	2170	1.30	0.31	1.98	0.11	38.6	6.9	10	10.45	80.5
N814051		2.68	<0.005	0.08	7.10	16.9	1760	1.20	0.16	2.03	0.08	34.0	8.4	8	12.55	4.8
N814052		5.42	<0.005	0.10	7.55	6.6	2250	1.47	0.11	2.92	0.09	41.2	7.5	11	8.43	4.5
N814053		7.82	<0.005	0.07	7.93	5.5	2480	1.44	0.11	2.93	0.08	44.9	7.8	11	7.10	5.3
N814054		2.40	0.016	0.45	7.48	46.0	1930	1.24	0.09	3.31	0.35	57.3	7.1	9	22.3	8.2
N814055		3.52	<0.005	0.04	0.11	<5	20	0.06	0.03	21.9	0.07	1.19	0.6	1	0.40	2.0
N814056		5.85	0.021	0.08	7.69	6.1	2370	1.15	0.13	2.91	0.17	39.9	7.0	10	6.64	5.8
N814057		2.57	<0.005	0.02	0.13	<5	30	0.06	0.04	21.8	0.06	1.12	0.8	3	0.36	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183291

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814022		3.27	16.90	0.14	1.0	0.047	2.66	26.7	12.6	0.93	683	0.61	2.23	7.5	2.7	670
N814023		3.56	18.25	0.16	1.1	0.047	2.55	26.3	16.1	1.02	707	0.71	2.35	8.3	3.1	750
N814024		5.38	15.65	0.14	1.3	0.867	2.78	20.6	24.7	0.70	2060	12.15	0.26	6.7	14.5	510
N814025		3.48	17.75	0.15	1.1	0.044	2.67	25.5	13.3	1.05	725	0.98	2.35	7.9	3.0	720
N814026		3.06	17.30	0.18	1.0	0.053	2.54	30.0	15.2	0.79	753	0.53	1.85	6.9	2.7	610
N814027		3.09	17.45	0.17	1.0	0.046	2.60	23.7	13.8	0.93	657	0.56	2.15	7.4	2.8	640
N814028		3.38	17.30	0.16	1.1	0.051	2.63	26.1	12.4	1.00	672	0.62	2.29	7.5	3.0	690
N814029		3.39	16.35	0.18	1.0	0.052	2.61	24.7	12.0	1.00	627	0.54	2.22	7.2	2.8	690
N814030		3.46	17.70	0.18	1.0	0.044	2.67	24.6	12.9	1.02	653	0.58	2.35	7.9	3.3	710
N814031		3.09	17.90	0.18	1.1	0.063	2.42	20.1	23.6	0.57	522	0.56	0.99	7.7	2.6	700
N814032		3.37	17.75	0.18	1.0	0.056	2.62	21.4	13.1	0.94	644	0.66	2.25	7.8	3.0	700
N814033		3.33	17.80	0.19	1.0	0.051	2.65	23.7	16.8	0.77	590	2.07	1.59	7.4	2.9	680
N814034		3.30	17.15	0.16	1.0	0.167	3.03	35.4	16.6	1.04	2390	3.61	0.05	6.4	2.8	630
N814035		3.12	16.60	0.20	1.0	0.042	2.78	23.2	36.6	0.78	1000	2.69	0.13	7.2	2.4	680
N814036		3.55	15.70	0.19	1.0	0.071	2.96	23.0	12.9	0.76	775	2.57	1.41	6.8	2.4	650
N814037		3.43	17.70	0.18	1.3	0.057	2.70	19.9	30.9	0.72	963	1.08	0.11	7.5	2.7	710
N814038		3.74	17.40	0.18	1.2	0.052	2.57	20.3	17.2	0.92	570	1.61	1.96	7.4	3.0	720
N814039		3.60	18.15	0.16	1.7	0.045	2.63	22.5	11.7	1.01	789	1.68	2.20	7.4	3.0	720
N814040		5.59	16.20	0.18	1.3	0.886	2.89	20.0	24.6	0.72	2140	11.75	0.27	6.7	15.5	530
N814041		3.50	17.90	0.16	1.3	0.042	2.65	21.1	11.7	0.96	673	2.12	2.24	7.9	2.9	690
N814042		4.57	15.40	0.15	1.1	0.137	3.12	23.1	14.0	0.93	1720	2.77	0.44	6.1	2.9	640
N814043		3.70	15.30	0.16	1.0	0.071	2.66	18.2	11.1	0.80	909	0.60	1.37	6.1	2.3	630
N814044		3.73	15.80	0.17	1.0	0.058	2.55	23.4	25.3	0.84	964	0.22	0.84	5.9	2.9	620
N814045		3.70	17.00	0.18	1.0	0.075	2.41	21.7	24.4	0.82	941	0.26	0.73	6.0	3.6	630
N814046		3.63	16.10	0.11	1.1	0.106	3.01	22.0	13.8	0.90	991	0.37	1.28	6.8	2.9	620
N814047		3.91	15.75	0.13	1.1	0.080	3.00	21.4	15.3	0.79	958	0.49	1.05	6.6	2.5	660
N814048		4.50	16.35	0.16	1.0	0.184	3.24	22.3	16.1	0.91	1510	0.96	0.31	6.1	2.8	600
N814049		3.72	17.35	0.18	1.1	0.073	3.24	25.6	21.5	0.87	650	1.68	0.75	7.6	3.1	710
N814050		3.26	17.20	0.15	1.1	0.076	2.60	17.8	25.5	0.62	571	0.83	1.08	7.7	2.7	680
N814051		3.18	16.25	0.14	1.1	0.062	2.22	15.3	38.5	0.62	747	4.86	0.09	7.7	3.6	660
N814052		3.26	16.45	0.17	1.1	0.047	2.58	18.7	12.9	0.85	634	9.60	2.06	7.4	2.9	650
N814053		3.35	16.45	0.18	0.9	0.048	2.67	21.5	14.8	0.95	609	2.21	2.24	7.0	3.1	680
N814054		2.97	15.70	0.19	0.9	0.047	2.77	29.8	30.6	0.95	853	1.31	0.16	6.8	2.7	630
N814055		0.52	0.36	0.12	<0.1	0.007	0.04	0.6	1.2	13.35	237	0.11	0.01	0.3	1.5	170
N814056		3.27	15.35	0.14	1.0	0.045	2.69	19.4	13.4	0.89	613	1.17	2.04	6.6	3.0	650
N814057		0.50	0.28	0.09	<0.1	0.009	0.06	0.6	1.3	13.25	228	0.11	0.01	0.1	2.1	200

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183291

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814022		14.2	113.5	<0.002	0.03	1.30	11.3	1	1.9	432	0.63	<0.05	13.2	0.281	1.06	3.8
N814023		14.8	105.0	<0.002	0.01	1.60	11.8	1	1.8	457	0.65	<0.05	12.7	0.305	1.18	3.8
N814024		1360	158.0	<0.002	3.12	33.5	8.2	1	6.1	149.0	0.57	0.31	12.0	0.207	2.57	5.1
N814025		18.9	96.5	<0.002	0.05	1.19	11.4	1	1.9	456	0.62	<0.05	11.8	0.297	1.16	4.0
N814026		185.5	113.5	<0.002	0.15	2.40	10.7	<1	2.4	343	0.58	<0.05	13.7	0.255	1.29	4.7
N814027		16.7	104.0	<0.002	0.03	1.15	10.9	1	1.9	428	0.57	<0.05	13.3	0.261	1.15	3.9
N814028		14.4	98.0	<0.002	0.02	1.14	11.4	1	1.8	447	0.63	<0.05	11.8	0.286	1.08	3.7
N814029		14.9	96.9	<0.002	0.02	1.19	11.2	1	1.9	439	0.58	<0.05	13.0	0.282	1.12	4.1
N814030		17.1	92.9	<0.002	0.02	1.11	11.0	1	1.9	463	0.63	<0.05	11.6	0.295	1.18	3.8
N814031		12.8	107.5	<0.002	0.04	6.85	10.7	1	2.7	182.0	0.61	<0.05	10.3	0.286	1.27	4.1
N814032		15.6	99.5	<0.002	0.01	1.36	11.5	2	1.8	432	0.62	<0.05	10.8	0.281	1.13	3.2
N814033		15.6	104.0	<0.002	0.04	2.85	11.4	1	2.1	319	0.59	<0.05	10.9	0.282	1.25	2.9
N814034		524	182.5	<0.002	0.85	17.65	10.5	1	2.7	107.0	0.53	<0.05	13.2	0.255	2.50	5.0
N814035		15.7	110.0	<0.002	0.14	9.38	10.5	1	1.9	140.5	0.55	<0.05	12.0	0.283	1.81	3.5
N814036		14.3	131.5	<0.002	0.21	5.85	10.6	2	2.1	266	0.57	<0.05	12.4	0.269	1.70	3.7
N814037		17.4	102.5	<0.002	0.16	12.20	11.0	1	2.6	131.0	0.62	<0.05	11.8	0.272	1.54	3.5
N814038		15.1	99.9	<0.002	0.04	2.42	11.0	1	1.9	402	0.61	<0.05	10.8	0.290	1.09	3.5
N814039		92.7	101.5	<0.002	0.10	1.33	11.6	1	2.0	432	0.60	<0.05	11.7	0.295	1.08	3.7
N814040		1420	162.5	<0.002	3.24	34.1	8.3	1	6.4	151.5	0.54	0.26	11.6	0.218	2.54	5.2
N814041		15.3	104.0	<0.002	0.07	1.13	11.3	1	2.0	417	0.62	<0.05	11.4	0.285	1.22	3.8
N814042		87.1	160.5	<0.002	0.90	2.73	9.7	1	2.7	135.5	0.51	0.17	11.5	0.244	2.21	3.5
N814043		14.5	105.0	<0.002	0.39	2.81	9.3	1	2.3	274	0.48	0.05	9.9	0.252	1.46	3.3
N814044		19.4	118.0	<0.002	0.35	6.38	10.1	1	2.5	182.0	0.52	0.08	13.3	0.237	1.49	4.8
N814045		25.1	117.0	<0.002	0.41	8.07	10.5	1	2.6	163.5	0.50	<0.05	12.8	0.231	1.58	5.0
N814046		35.5	120.0	0.002	0.39	2.08	11.3	<1	2.4	259	0.60	0.07	9.5	0.269	1.77	3.3
N814047		23.2	113.5	0.003	0.38	3.75	10.5	1	2.3	234	0.55	<0.05	9.9	0.265	1.49	2.9
N814048		32.6	163.5	0.004	0.59	11.05	10.4	<1	2.3	111.5	0.50	0.16	9.8	0.245	2.09	3.1
N814049		12.6	141.0	0.005	0.29	5.98	11.9	<1	3.0	164.0	0.60	0.06	11.2	0.296	1.70	3.2
N814050		12.0	95.9	0.005	0.10	7.78	11.3	<1	1.9	254	0.59	<0.05	8.9	0.298	1.24	2.8
N814051		9.7	72.4	0.005	0.27	17.75	10.1	1	2.0	127.5	0.61	<0.05	8.1	0.290	1.48	3.0
N814052		11.8	97.4	0.006	0.06	1.91	10.5	<1	1.7	412	0.59	<0.05	8.4	0.294	1.15	2.7
N814053		12.4	89.1	0.002	0.07	1.30	11.0	1	1.6	448	0.48	<0.05	8.4	0.296	1.10	2.7
N814054		17.1	97.5	0.003	0.24	10.85	10.2	1	1.8	151.0	0.44	<0.05	9.6	0.272	1.82	2.9
N814055		1.2	2.6	0.003	0.01	0.06	0.2	<1	0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N814056		14.8	92.9	0.003	0.10	3.87	10.1	1	1.7	418	0.48	<0.05	8.2	0.280	1.13	2.8
N814057		1.2	2.8	0.005	0.01	0.09	0.5	<1	0.2	41.9	<0.05	<0.05	<0.2	0.005	0.02	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183291

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814022		81	1.1	17.2	48	22.7
N814023		91	1.2	17.5	52	23.7
N814024		58	5.2	10.7	3070	32.6
N814025		87	1.3	16.7	59	22.4
N814026		75	2.1	16.0	301	22.0
N814027		76	1.0	16.6	50	23.0
N814028		84	0.9	16.5	51	24.3
N814029		84	0.8	16.3	47	20.5
N814030		84	0.9	16.3	50	21.9
N814031		83	2.8	13.1	65	23.3
N814032		82	1.3	16.5	48	23.0
N814033		82	2.1	14.8	50	21.5
N814034		75	4.9	15.1	848	21.1
N814035		80	4.7	14.1	52	22.3
N814036		79	2.3	13.6	64	21.4
N814037		83	4.2	14.8	65	27.5
N814038		87	1.3	14.7	50	24.4
N814039		89	1.4	16.1	193	26.6
N814040		62	5.1	10.6	3230	32.5
N814041		85	1.6	16.4	52	28.4
N814042		82	3.7	10.7	378	20.6
N814043		78	2.1	10.9	62	20.8
N814044		77	2.0	10.7	77	23.6
N814045		74	2.0	10.1	84	23.1
N814046		80	2.0	11.5	110	30.2
N814047		77	2.2	12.0	82	29.6
N814048		76	3.3	9.1	122	26.0
N814049		80	6.1	14.2	56	29.6
N814050		82	5.6	14.1	44	31.0
N814051		74	4.8	12.6	50	29.8
N814052		81	2.2	14.6	43	29.5
N814053		82	1.7	14.7	43	26.2
N814054		73	3.6	14.5	57	25.3
N814055		2	0.1	0.8	18	<0.5
N814056		78	1.9	13.8	49	25.5
N814057		3	0.1	0.8	14	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183291

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183292

Project: Klaza - 97

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

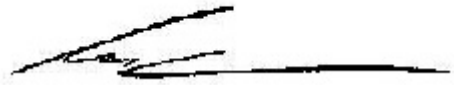
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183292

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814058		2.34	0.121	3.51	6.90	465	1550	1.32	0.81	2.60	7.19	38.5	14.6	8	15.35	70.6
N814059		5.20	0.017	1.15	7.81	92.4	1860	1.53	0.15	2.20	3.92	44.6	8.0	10	14.70	14.4
N814060		7.10	0.010	0.76	7.85	36.1	2090	1.45	0.10	2.75	2.89	43.8	7.9	13	11.60	9.4
N814061		7.21	<0.005	0.19	8.08	13.1	2260	1.43	0.15	2.97	0.42	43.4	8.7	11	7.43	6.2
N814062		0.24	0.739	10.15	7.12	1955	830	1.51	5.99	1.99	43.6	43.8	16.7	22	15.40	113.0
N814063		7.78	<0.005	0.18	7.69	5.9	2130	1.47	0.10	2.82	0.12	40.9	7.7	12	4.14	7.0
N814064		6.83	<0.005	0.11	7.93	5.6	2060	1.53	0.09	2.88	0.10	43.7	8.9	11	7.04	12.1
N814065		6.13	0.005	0.08	7.71	11.1	2210	1.46	0.08	2.93	0.08	41.6	8.0	11	8.97	6.5
N814066		2.33	<0.005	0.06	7.70	5.0	2130	1.35	0.11	2.94	0.09	39.7	7.4	10	9.22	6.6
N814067		5.53	<0.005	0.09	7.85	13.2	2140	1.16	0.10	1.27	0.50	43.0	8.5	8	10.75	14.7
N814068		3.37	<0.005	0.14	7.15	20.8	3590	1.09	0.09	4.95	0.33	47.1	7.7	7	18.40	6.5
N814069		4.92	<0.005	0.08	7.66	11.9	2210	1.62	0.11	3.12	0.11	41.1	7.6	13	12.90	8.5
N814070		5.91	<0.005	0.06	7.85	11.3	2240	1.38	0.09	3.00	0.09	43.9	8.1	11	12.85	8.7
N814071		2.33	<0.005	0.17	7.27	16.5	1890	1.43	0.07	3.08	0.09	40.9	7.9	9	20.7	31.2
N814072		4.82	<0.005	0.07	6.94	22.1	4550	1.50	0.18	3.36	0.10	47.3	5.1	24	18.55	14.9
N814073		<0.02	<0.005	0.06	7.23	22.3	3690	1.53	0.18	3.45	0.12	49.1	5.2	26	18.00	17.3
N814074		2.55	<0.005	0.21	7.34	43.4	2470	1.32	0.11	3.24	0.07	42.9	9.4	10	20.5	16.0
N814075		5.77	0.012	0.11	7.15	38.8	1620	1.32	0.14	3.23	0.08	38.4	8.8	8	21.9	11.5
N814076		5.74	<0.005	0.16	7.17	58.1	1380	1.44	0.07	4.27	0.10	47.5	8.7	7	22.1	16.2
N814077		2.94	<0.005	0.19	7.04	91.9	1140	1.60	0.06	3.06	0.08	37.0	9.2	8	21.1	7.3
N814078		6.33	<0.005	0.11	7.19	55.5	1430	1.42	0.09	2.49	0.07	36.7	7.9	8	23.3	11.6
N814079		0.24	2.35	27.2	6.22	3610	1220	1.18	18.20	2.24	82.0	42.3	10.6	18	13.70	447
N814080		7.33	<0.005	0.18	6.88	57.6	1850	1.58	0.07	3.24	0.10	35.6	8.2	8	19.20	5.6
N814081		5.88	<0.005	0.09	7.08	48.5	1720	1.42	0.09	2.73	0.09	38.4	8.3	9	20.0	5.3
N814082		3.63	<0.005	0.06	8.14	7.5	2120	1.38	0.12	2.79	0.10	47.9	7.7	10	9.75	7.4
N814083		1.54	<0.005	0.04	7.67	5.9	2140	1.56	0.11	2.69	0.09	53.4	7.5	9	9.51	3.0
N814084		5.58	0.016	0.71	7.61	78.1	1710	1.32	0.21	2.86	3.51	48.5	7.4	10	17.35	13.8
N814085		8.00	<0.005	0.36	7.51	38.0	1980	1.39	0.20	2.70	0.36	46.6	7.2	9	18.35	9.0
N814086		7.37	0.016	0.11	7.60	53.1	2180	1.45	0.11	2.64	1.12	47.3	7.5	10	14.00	5.3
N814087		5.96	0.005	0.14	7.40	18.1	2030	1.24	0.11	1.71	0.35	40.0	7.2	9	11.90	6.9
N814088		4.61	1.605	12.70	5.69	2630	1630	1.12	24.1	2.30	18.50	38.8	9.3	6	9.20	112.5
N814089		4.72	0.005	0.04	0.23	36	60	0.10	0.06	19.75	0.08	1.71	1.0	3	0.84	1.5
N814090		4.53	0.011	0.31	8.05	25.4	2040	1.47	0.52	2.59	0.33	60.7	8.0	8	14.55	34.2
N814091		8.18	<0.005	0.15	7.76	7.7	2050	1.56	0.31	2.78	0.15	52.3	7.7	9	13.50	15.0
N814092		2.05	0.046	0.81	7.35	280	1460	1.49	0.81	2.61	2.99	52.3	7.8	8	21.7	44.0
N814093		3.37	<0.005	0.06	0.09	<5	70	0.07	0.02	20.3	0.07	1.21	0.6	<1	0.22	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183292

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814058		3.48	15.30	0.15	1.0	0.187	3.06	18.9	30.0	0.68	1120	1.11	0.08	6.5	3.5	580
N814059		3.39	16.35	0.14	1.1	0.084	3.10	21.6	30.4	0.76	946	2.97	0.36	7.5	2.8	660
N814060		3.28	16.55	0.18	1.2	0.083	2.90	21.6	12.7	0.80	699	1.36	1.97	7.4	3.0	630
N814061		3.45	17.35	0.19	1.1	0.049	2.81	20.5	15.4	0.93	715	1.22	2.12	7.8	3.1	690
N814062		5.57	15.10	0.16	1.3	0.915	2.97	21.0	24.6	0.72	2080	11.95	0.27	6.9	15.2	530
N814063		3.23	16.10	0.13	1.2	0.043	2.56	19.2	12.8	0.89	619	1.47	2.32	7.3	2.9	650
N814064		3.40	16.70	0.17	1.2	0.042	2.61	19.4	17.6	0.99	686	1.20	2.34	7.8	3.3	670
N814065		3.15	16.20	0.15	1.2	0.044	2.65	19.4	16.5	0.79	638	1.67	2.15	7.1	3.0	630
N814066		3.20	16.40	0.13	1.3	0.039	2.72	17.9	21.3	0.75	583	1.20	1.85	7.7	2.7	650
N814067		3.28	16.25	0.14	1.3	0.041	2.19	20.7	49.0	0.47	831	1.91	0.08	7.9	3.2	660
N814068		2.95	13.80	0.13	1.1	0.038	2.02	23.5	52.8	1.13	977	1.83	0.07	6.6	3.0	550
N814069		3.19	16.55	0.14	1.5	0.041	2.61	19.5	19.6	0.84	571	1.46	1.78	7.7	4.6	650
N814070		3.23	16.60	0.15	1.2	0.046	2.73	21.1	17.0	0.76	619	2.17	2.22	7.5	3.1	640
N814071		3.01	15.80	0.14	1.3	0.041	2.44	19.4	26.5	0.81	615	1.02	1.38	7.3	4.6	620
N814072		2.09	17.35	0.15	3.0	0.031	2.79	22.7	9.1	1.06	591	0.96	0.08	8.0	9.4	670
N814073		2.19	18.60	0.16	3.3	0.033	2.92	22.8	10.1	1.06	595	1.13	0.08	8.3	10.1	710
N814074		3.00	16.15	0.19	1.4	0.050	2.60	20.2	49.1	0.89	735	1.71	0.78	7.2	5.9	600
N814075		3.23	14.80	0.13	1.1	0.059	2.25	18.1	47.2	0.94	852	0.96	1.55	6.8	2.9	620
N814076		3.18	15.00	0.16	1.2	0.044	2.20	23.8	44.4	1.31	985	1.13	1.15	6.6	2.4	560
N814077		2.70	14.45	0.15	1.3	0.040	2.17	18.0	56.4	0.88	722	1.04	1.18	6.7	2.7	570
N814078		2.81	15.75	0.12	1.4	0.044	2.27	16.9	45.4	0.74	653	1.10	1.43	7.3	2.6	610
N814079		6.83	14.05	0.16	1.2	1.660	2.68	22.5	23.5	0.91	1920	12.80	0.04	5.5	15.2	450
N814080		3.08	15.45	0.13	1.6	0.032	2.26	16.2	26.8	0.75	737	1.03	1.45	7.4	2.6	580
N814081		3.05	16.05	0.15	1.1	0.048	2.32	17.9	26.8	0.66	675	1.66	1.68	7.6	2.8	600
N814082		3.15	15.60	0.17	1.3	0.050	2.58	22.5	11.0	0.82	607	0.89	2.15	7.5	3.9	630
N814083		3.05	15.60	0.18	1.3	0.043	2.60	23.9	12.0	0.79	596	1.03	2.12	7.6	2.7	600
N814084		3.28	14.60	0.18	1.3	0.062	2.59	21.8	26.6	0.94	1050	3.64	0.72	6.9	2.5	610
N814085		2.97	15.75	0.19	1.2	0.057	2.59	20.8	23.1	0.80	740	1.13	1.26	7.4	2.5	590
N814086		3.03	15.75	0.18	1.4	0.046	2.64	20.5	12.3	0.73	639	0.70	1.98	7.4	2.6	620
N814087		3.09	16.15	0.16	1.3	0.055	2.69	16.5	34.7	0.51	729	0.87	0.38	7.7	2.5	630
N814088		8.51	12.70	0.15	1.0	0.650	2.40	17.5	15.4	0.91	2460	11.00	0.03	5.2	2.7	390
N814089		0.49	0.53	0.12	<0.1	0.007	0.09	0.7	2.1	12.85	227	0.14	0.01	0.4	2.7	180
N814090		3.52	15.90	0.17	1.5	0.110	2.81	26.3	20.2	0.87	837	2.01	1.15	7.8	2.5	600
N814091		3.07	16.15	0.18	1.6	0.069	2.64	22.2	13.7	0.83	722	2.31	1.91	8.3	2.6	590
N814092		3.54	15.80	0.16	1.6	0.161	2.66	24.2	29.3	1.01	1200	0.96	0.06	8.5	2.6	580
N814093		0.46	0.23	0.15	<0.1	<0.005	0.04	0.5	1.0	13.30	215	0.20	0.01	0.2	1.4	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183292

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814058		289	116.5	0.002	1.59	32.2	9.1	<1	3.1	122.5	0.52	0.27	8.2	0.258	2.07	4.5
N814059		290	128.0	0.002	0.32	12.20	10.8	<1	1.9	165.0	0.63	<0.05	11.3	0.284	1.75	3.7
N814060		121.0	114.5	0.002	0.12	2.98	10.6	1	1.7	369	0.59	<0.05	11.0	0.278	1.24	3.5
N814061		34.9	98.8	0.003	0.06	6.69	11.2	1	1.7	394	0.61	<0.05	10.3	0.295	1.20	3.7
N814062		1375	160.5	0.006	3.33	32.8	8.5	1	5.7	157.0	0.59	0.35	10.3	0.220	2.61	4.6
N814063		14.6	81.5	0.003	0.02	1.05	10.0	1	1.3	415	0.59	<0.05	9.8	0.284	0.88	3.3
N814064		13.9	90.8	0.002	0.02	1.10	11.5	1	1.6	412	0.63	<0.05	10.3	0.299	0.91	3.8
N814065		13.5	90.7	0.004	0.04	1.59	10.5	<1	1.7	399	0.56	<0.05	8.7	0.277	1.04	3.1
N814066		14.1	83.9	0.003	0.02	2.28	9.7	1	1.7	349	0.67	<0.05	9.7	0.289	1.13	2.7
N814067		11.4	86.4	0.003	0.12	9.58	11.9	1	1.7	83.3	0.64	<0.05	11.1	0.292	1.00	2.1
N814068		12.5	80.5	0.003	0.19	11.75	9.8	1	1.4	176.0	0.54	<0.05	11.3	0.242	1.21	4.9
N814069		14.3	93.8	0.003	0.04	2.75	9.9	<1	1.6	365	0.66	<0.05	10.0	0.283	1.21	3.5
N814070		13.7	96.2	0.005	0.04	1.68	10.3	<1	1.6	433	0.60	<0.05	9.9	0.285	1.21	3.4
N814071		13.6	81.1	<0.002	0.07	5.31	9.8	<1	1.6	326	0.60	<0.05	9.9	0.277	1.29	3.4
N814072		12.3	85.1	<0.002	0.12	6.29	5.4	1	1.9	208	0.65	<0.05	7.9	0.264	2.02	4.5
N814073		11.2	84.6	0.005	0.09	6.73	5.7	1	1.9	200	0.68	<0.05	8.0	0.279	2.26	4.5
N814074		20.2	95.6	<0.002	0.20	6.96	9.9	<1	1.7	260	0.59	<0.05	10.1	0.271	1.73	3.1
N814075		12.7	77.6	0.002	0.20	4.86	9.3	<1	1.5	277	0.58	0.09	9.1	0.264	1.50	3.3
N814076		19.3	83.0	0.002	0.18	6.78	9.9	1	1.5	211	0.55	<0.05	11.2	0.246	1.64	3.8
N814077		19.2	77.8	0.003	0.20	8.10	9.2	<1	1.5	184.0	0.56	<0.05	9.1	0.246	2.00	3.5
N814078		12.9	83.5	0.003	0.14	5.92	9.5	<1	1.6	197.5	0.65	<0.05	8.6	0.264	1.76	3.4
N814079		2770	164.0	0.006	5.03	89.2	7.7	1	7.6	96.6	0.44	0.37	9.3	0.186	2.41	4.6
N814080		15.4	75.1	0.005	0.15	4.74	9.0	1	1.5	253	0.69	<0.05	8.6	0.257	1.64	4.0
N814081		13.2	91.7	0.002	0.14	5.43	10.5	<1	1.7	301	0.68	<0.05	9.1	0.270	1.79	3.4
N814082		15.9	116.5	<0.002	0.03	2.04	11.8	1	1.6	405	0.69	<0.05	13.6	0.280	1.12	4.2
N814083		15.2	114.0	<0.002	0.02	1.93	11.5	1	1.7	396	0.64	<0.05	14.1	0.271	1.21	4.3
N814084		111.5	125.0	<0.002	0.26	11.00	11.6	1	2.2	233	0.60	<0.05	13.8	0.268	1.68	3.7
N814085		40.7	131.5	<0.002	0.11	11.45	11.5	1	1.7	275	0.63	<0.05	13.3	0.264	1.59	3.8
N814086		30.8	120.5	<0.002	0.06	7.72	11.3	1	1.7	400	0.63	<0.05	13.6	0.273	1.24	4.4
N814087		23.5	112.5	<0.002	0.05	9.39	11.2	1	1.9	140.5	0.66	<0.05	11.4	0.286	1.29	2.3
N814088		807	155.5	<0.002	7.98	37.4	8.5	1	6.7	69.1	0.44	0.61	10.1	0.178	1.86	6.3
N814089		2.4	5.4	<0.002	0.04	0.20	0.4	1	0.3	45.7	<0.05	<0.05	0.6	0.007	0.03	1.5
N814090		21.6	142.5	<0.002	0.31	5.61	11.6	1	1.9	253	0.67	0.06	15.8	0.265	1.40	5.4
N814091		18.3	119.5	<0.002	0.09	1.92	11.3	1	1.7	363	0.78	<0.05	13.6	0.262	1.17	5.3
N814092		124.0	128.5	<0.002	0.45	11.25	11.5	1	2.3	97.1	0.89	0.07	14.4	0.254	1.47	7.5
N814093		1.6	1.7	<0.002	0.01	0.08	0.2	<1	<0.2	45.7	<0.05	<0.05	0.2	<0.005	0.03	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183292

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814058		71	4.0	11.4	626	26.0
N814059		78	4.8	14.6	352	29.1
N814060		76	2.5	15.0	263	28.6
N814061		80	1.6	15.9	74	29.6
N814062		60	5.3	10.8	3200	37.7
N814063		78	1.6	14.9	46	29.0
N814064		83	2.2	16.3	48	31.8
N814065		76	2.0	14.3	43	31.4
N814066		79	1.6	14.8	43	35.0
N814067		77	13.8	14.6	83	35.8
N814068		66	2.9	16.3	62	31.2
N814069		74	0.9	14.5	44	48.0
N814070		78	1.2	14.7	43	34.8
N814071		75	1.0	13.4	49	37.3
N814072		50	1.5	10.8	39	119.0
N814073		53	1.5	11.3	40	126.0
N814074		72	2.3	14.0	48	40.8
N814075		74	3.2	14.2	47	32.5
N814076		70	6.1	16.7	45	34.2
N814077		67	5.9	13.3	37	36.9
N814078		73	5.0	12.8	41	39.1
N814079		58	5.1	9.3	5430	24.6
N814080		73	4.0	14.7	45	41.2
N814081		75	3.6	14.4	40	33.4
N814082		77	1.0	18.3	50	31.3
N814083		75	0.8	17.5	38	33.8
N814084		78	3.4	17.1	296	30.8
N814085		72	3.7	14.9	73	31.6
N814086		77	1.7	17.1	91	33.3
N814087		79	6.7	13.8	57	34.7
N814088		53	7.9	9.9	1520	25.1
N814089		4	0.1	1.0	17	0.5
N814090		75	2.3	18.1	67	37.9
N814091		73	4.3	18.5	47	37.5
N814092		75	3.1	18.9	290	38.4
N814093		2	0.1	0.8	15	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183292

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183293

Project: Klaza - 97

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

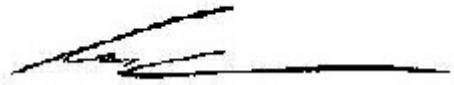
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183293

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N814094		0.26	4.48		>100	5.73	8040	1400	1.01	61.6	1.98	222	35.2	8.3	17	10.20
N814095		3.97	<0.005		0.22	7.80	10.8	2050	1.18	0.32	3.28	0.22	51.4	7.1	8	11.55
N814096		2.90	0.011		1.08	7.89	16.1	2210	1.44	1.17	2.71	0.20	50.2	7.7	10	11.85
N814097		5.32	0.018		1.83	7.96	67.5	1830	1.48	3.08	1.94	0.81	47.2	7.4	9	10.10
N814098		3.79	>10.0	13.05	17.65	5.23	>10000	340	0.72	19.45	0.47	0.95	24.6	12.7	9	4.02
N814099		7.10	0.021		0.42	7.58	110.5	1720	1.42	0.16	2.78	0.19	89.3	10.4	49	11.25
N814100		6.61	0.018		0.27	7.00	68.5	1150	1.65	0.18	5.02	0.12	61.2	5.8	13	13.90
N814101		2.85	0.601		15.60	7.02	5840	640	1.22	11.60	0.48	7.26	51.7	13.1	8	12.25
N814102		4.12	0.335		6.48	6.41	1360	360	1.19	6.92	1.94	2.54	41.4	9.7	8	12.85
N814103		4.00	<0.005		0.20	0.09	<5	50	0.08	0.03	21.0	0.07	1.41	0.6	<1	0.20
N814104		2.41	0.715		12.90	7.72	2080	600	1.33	13.55	0.85	8.22	59.4	11.5	9	8.92
N814105		3.26	0.568		6.88	7.30	1680	620	1.37	6.69	1.36	13.35	59.8	8.1	9	10.70
N814106		5.73	0.012		0.50	7.71	30.9	2010	1.49	0.33	3.07	0.67	47.5	7.1	10	13.20
N814107		3.07	0.005		0.40	7.32	26.4	2080	1.49	0.27	2.86	1.47	40.5	7.4	10	11.25
N814108		0.26	2.38		26.4	6.45	3490	1540	1.18	18.95	2.27	80.6	48.0	10.5	18	13.70
N814109		4.30	<0.005		0.45	7.54	11.8	2090	1.34	0.16	2.77	0.18	45.6	7.1	10	7.89
N814110		2.75	0.015		0.76	7.74	67.2	2080	1.63	0.71	2.75	1.46	50.8	6.6	9	14.85
N814111		5.66	<0.005		0.15	7.65	8.3	1850	1.32	0.12	3.04	0.10	47.9	7.1	10	12.75
N814112		6.54	<0.005		0.11	7.63	6.7	2150	1.36	0.09	3.07	0.10	47.6	7.5	9	13.75
N814113		<0.02	<0.005		0.09	7.60	7.4	2060	1.43	0.09	2.94	0.12	52.2	7.3	9	13.55
N814114		4.83	<0.005		0.08	7.57	6.8	2060	1.65	0.11	2.90	0.10	42.6	7.5	10	16.05
N814115		5.45	0.010		0.35	7.39	16.2	2000	1.28	1.12	3.58	0.11	43.4	7.6	9	17.65
N814116		4.46	0.009		0.31	7.82	10.5	2200	1.56	0.92	2.88	0.10	46.6	7.0	9	14.80
N814117		3.94	<0.005		0.15	7.47	13.6	2820	1.36	0.21	1.82	0.13	44.0	6.4	7	17.10
N814118		4.33	0.013		0.82	6.83	47.5	1720	1.36	1.09	2.65	0.55	43.5	7.5	8	17.80
N814119		5.12	<0.005		<0.01	0.10	<5	90	0.05	0.02	21.1	0.07	1.27	2.0	1	0.22
N814120		6.77	0.006		0.24	7.45	11.5	1890	1.43	0.57	2.48	0.10	47.1	9.2	9	13.65
N814121		5.13	<0.005		0.36	7.29	8.4	2060	1.51	1.02	2.68	0.09	42.9	8.3	11	14.15
N814122		3.34	0.042		0.68	7.16	27.6	1890	1.21	2.21	2.41	0.24	39.8	7.0	9	19.65
N814123		5.53	0.012		0.30	7.41	13.8	2210	1.44	0.95	2.55	0.21	37.9	7.7	10	15.00
N814124		3.73	0.187		13.45	7.49	538	840	1.48	3.58	1.71	29.0	54.8	15.0	9	13.30
N814125		6.36	<0.005		0.46	7.58	15.6	1970	1.59	0.22	2.43	1.72	48.3	6.9	11	10.40
N814126		3.10	<0.005		0.10	7.54	6.1	2000	1.58	0.22	2.48	0.16	43.9	9.3	11	11.35
N814127		2.58	<0.005		0.09	6.86	13.6	1950	1.52	0.13	3.23	0.19	39.6	9.4	9	12.30
N814128		3.53	<0.005		0.09	7.86	4.0	1940	1.99	0.11	2.65	0.11	50.8	10.2	14	10.20
N814129		1.89	<0.005		0.09	7.75	5.9	2010	1.85	0.10	2.55	0.10	48.8	10.1	13	9.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814094		1295	7.88	11.60	0.14	1.0	4.43	2.28	15.6	29.4	0.65	3080	13.15	0.07	5.0	12.7
N814095		27.4	2.79	15.65	0.15	1.5	0.047	2.53	22.8	23.4	0.66	633	5.67	0.66	8.1	2.3
N814096		65.5	3.13	15.25	0.17	1.3	0.082	2.68	22.3	11.0	0.84	723	2.42	1.77	7.2	2.8
N814097		77.6	3.66	16.45	0.16	1.5	0.193	3.04	20.9	21.8	0.61	1330	1.41	0.19	7.6	2.7
N814098		100.5	14.15	13.45	0.13	0.8	0.181	2.25	10.9	7.8	0.25	246	2.43	0.03	3.8	4.7
N814099		11.4	3.40	17.35	0.16	4.1	0.037	1.78	39.5	58.7	0.85	1280	5.36	0.04	15.0	17.6
N814100		11.5	2.31	15.40	0.19	3.0	0.024	2.66	29.9	69.9	1.05	1280	1.41	0.07	8.3	5.1
N814101		509	6.82	16.90	0.16	1.6	0.454	2.97	24.4	17.0	0.33	273	7.30	0.03	6.2	3.5
N814102		141.5	5.17	14.20	0.14	1.1	0.289	2.31	17.8	32.3	0.60	1080	6.67	0.03	6.1	2.8
N814103		0.9	0.46	0.25	0.12	<0.1	0.005	0.04	0.6	1.1	13.40	208	0.12	0.01	0.3	1.3
N814104		766	5.69	16.75	0.15	1.4	0.440	3.26	28.5	9.6	0.48	669	1.68	0.03	7.2	2.8
N814105		94.9	5.42	14.60	0.15	1.2	0.430	2.87	27.0	21.8	0.63	962	1.86	0.03	6.9	2.6
N814106		13.3	3.12	15.40	0.14	1.4	0.069	2.65	21.3	29.4	0.79	860	2.19	1.10	7.7	2.5
N814107		33.5	3.04	15.20	0.14	1.2	0.158	2.72	17.0	15.0	0.82	835	1.26	1.73	7.3	2.6
N814108		461	6.59	13.45	0.14	1.0	1.700	2.70	22.5	23.5	0.94	2000	12.05	0.04	5.6	15.6
N814109		7.9	3.01	14.95	0.15	1.5	0.043	2.65	19.6	12.9	0.78	757	0.95	1.87	7.5	2.6
N814110		22.5	3.33	15.85	0.16	1.3	0.119	2.82	22.2	18.2	0.81	1050	1.93	1.32	7.9	2.9
N814111		5.5	2.79	14.90	0.18	1.5	0.039	2.71	20.8	29.9	0.67	742	1.83	0.98	7.8	2.5
N814112		6.5	2.96	15.50	0.18	1.5	0.039	2.62	20.6	16.1	0.74	833	1.87	1.65	7.7	2.5
N814113		6.1	2.81	15.05	0.18	1.5	0.034	2.54	22.3	15.8	0.73	797	2.39	1.59	7.5	2.4
N814114		6.7	2.96	16.30	0.15	1.4	0.036	2.56	17.6	14.9	0.68	821	1.48	1.90	8.3	2.6
N814115		17.4	3.36	14.95	0.16	1.3	0.072	2.42	18.7	42.7	0.80	1250	1.52	0.32	7.3	2.4
N814116		11.9	3.25	15.35	0.14	1.3	0.055	2.57	20.1	22.5	0.75	971	0.99	1.37	7.4	2.3
N814117		10.6	2.88	15.50	0.16	1.3	0.037	2.18	18.4	94.9	0.58	874	4.87	0.05	7.6	2.2
N814118		38.4	2.73	16.50	0.17	1.1	0.105	2.47	23.4	19.7	0.75	1060	1.32	0.05	7.9	3.0
N814119		2.7	0.46	0.42	<0.05	<0.1	<0.005	0.03	0.6	1.4	12.75	207	0.10	<0.01	0.3	3.1
N814120		12.2	3.16	19.00	0.19	1.4	0.074	2.38	23.9	24.3	0.73	834	1.85	0.98	9.1	2.8
N814121		5.3	3.09	18.70	0.22	1.2	0.044	2.39	21.1	10.6	0.74	742	2.46	1.78	8.7	2.8
N814122		11.9	3.58	17.40	0.17	1.2	0.096	2.43	19.2	41.1	0.64	756	1.41	0.24	8.8	2.6
N814123		17.3	3.24	17.75	0.18	1.2	0.112	2.61	17.5	19.5	0.60	682	2.30	0.92	8.5	2.7
N814124		656	5.25	16.20	0.21	1.2	0.717	3.26	30.4	10.9	0.78	1430	2.72	0.20	8.2	2.9
N814125		15.1	3.02	16.65	0.21	1.5	0.069	2.66	24.9	11.2	0.76	762	1.54	1.73	8.8	2.6
N814126		5.5	3.03	17.10	0.23	1.6	0.046	2.64	21.7	12.4	0.77	653	1.43	1.97	9.4	2.9
N814127		4.2	3.21	17.70	0.13	1.5	0.042	2.41	18.3	17.5	0.90	817	1.72	1.53	9.8	3.2
N814128		7.7	3.60	18.30	0.21	1.6	0.056	2.43	23.5	19.7	0.99	786	1.05	1.75	10.8	3.9
N814129		6.7	3.45	18.80	0.22	1.6	0.052	2.58	22.4	18.8	0.92	727	1.11	1.75	10.6	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N814094		450	9540	138.0	<0.002	7.20	213	7.1	1	8.3	125.0	0.44	0.42	9.5	0.186	2.09
N814095		600	23.2	115.0	<0.002	0.07	7.81	11.2	1	2.9	222	0.84	<0.05	13.0	0.276	1.08
N814096		600	33.0	128.0	0.002	0.22	3.48	11.5	2	1.6	366	0.62	0.25	12.5	0.270	1.24
N814097		610	66.4	163.0	<0.002	1.23	9.19	11.5	1	3.1	93.4	0.69	0.33	13.6	0.275	2.02
N814098		390	287	129.0	<0.002	>10.0	82.0	6.9	2	11.2	14.8	0.34	1.76	7.6	0.146	1.61
N814099		1680	16.5	91.4	0.002	0.30	30.7	9.6	1	1.6	141.5	0.85	<0.05	9.1	0.459	1.70
N814100		900	10.0	148.0	<0.002	0.14	13.25	6.5	1	1.2	176.0	0.57	<0.05	9.6	0.256	2.39
N814101		550	121.5	194.5	<0.002	6.85	133.0	9.5	1	8.7	22.3	0.54	0.97	13.3	0.230	2.43
N814102		510	157.5	138.5	<0.002	3.74	61.1	9.9	1	4.9	67.7	0.55	0.45	11.9	0.222	1.93
N814103		200	2.0	1.8	<0.002	0.02	0.23	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02
N814104		590	212	232	<0.002	5.00	74.8	11.0	1	7.7	25.4	0.70	0.34	15.3	0.252	2.54
N814105		570	283	206	<0.002	4.09	20.7	10.6	1	5.5	53.2	0.66	0.15	15.4	0.245	2.45
N814106		620	42.8	116.0	<0.002	0.16	4.76	11.0	1	1.7	265	0.68	<0.05	13.4	0.266	1.21
N814107		600	42.0	114.0	<0.002	0.23	2.81	10.4	1	1.6	330	0.63	<0.05	12.2	0.256	1.16
N814108		460	2880	177.0	<0.002	5.00	94.2	8.7	1	7.9	94.6	0.48	0.30	11.8	0.188	2.28
N814109		610	19.4	100.5	<0.002	0.10	2.82	10.2	1	1.5	338	0.70	0.05	14.0	0.264	0.99
N814110		610	63.2	130.0	<0.002	0.25	9.93	11.3	1	1.9	275	0.68	<0.05	14.5	0.264	1.29
N814111		590	16.0	109.5	<0.002	0.04	5.46	10.2	1	1.5	236	0.73	<0.05	15.1	0.266	1.05
N814112		610	17.8	105.0	<0.002	0.03	4.09	10.5	1	1.5	335	0.72	<0.05	14.5	0.268	0.91
N814113		590	17.4	111.0	<0.002	0.02	3.76	10.6	1	1.5	328	0.67	<0.05	14.4	0.258	0.90
N814114		630	16.0	99.2	<0.002	0.03	2.73	10.7	1	1.6	355	0.74	<0.05	12.5	0.276	0.95
N814115		670	16.0	90.9	<0.002	0.47	10.30	11.0	1	1.8	154.0	0.63	0.09	11.8	0.275	1.18
N814116		640	17.5	107.0	<0.002	0.33	6.38	10.8	1	1.7	302	0.67	0.10	13.8	0.269	1.16
N814117		580	12.5	85.0	<0.002	0.11	18.75	10.7	1	1.6	123.5	0.73	<0.05	14.4	0.256	1.09
N814118		550	30.8	94.8	<0.002	0.45	20.6	11.6	1	1.9	102.5	0.64	0.15	13.0	0.240	1.88
N814119		200	1.4	1.5	<0.002	0.01	0.08	0.4	3	<0.2	55.1	<0.05	<0.05	0.2	<0.005	<0.02
N814120		620	15.2	104.0	<0.002	0.21	6.26	13.4	1	1.8	256	0.79	0.08	13.5	0.271	1.17
N814121		620	17.8	92.5	<0.002	0.10	2.91	12.5	1	1.6	352	0.77	0.07	11.8	0.265	1.13
N814122		620	24.0	84.8	<0.002	0.94	13.05	12.5	1	2.5	135.0	0.71	0.29	10.7	0.274	1.46
N814123		630	25.2	86.7	<0.002	0.30	8.40	11.7	1	1.9	237	0.73	0.09	10.1	0.269	1.26
N814124		590	1250	187.0	<0.002	3.30	64.4	12.1	2	3.7	87.1	0.76	0.52	14.9	0.256	2.84
N814125		590	138.0	120.5	<0.002	0.09	3.76	11.6	1	1.9	329	0.89	<0.05	15.5	0.250	1.34
N814126		590	20.0	106.5	<0.002	0.04	2.66	12.0	1	1.9	360	0.89	<0.05	13.6	0.264	1.24
N814127		610	17.7	85.4	<0.002	0.04	3.19	11.4	1	1.8	327	0.88	<0.05	11.0	0.268	1.28
N814128		710	16.0	97.2	<0.002	0.01	4.61	15.8	2	2.1	329	1.22	<0.05	11.9	0.322	1.14
N814129		700	15.7	97.6	<0.002	0.01	4.29	14.1	2	2.1	330	1.24	<0.05	11.7	0.317	1.19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001
N814094		5.1	53	4.5	9.3	>10000	29.9	121	1.630
N814095		5.4	75	4.8	17.9	65	35.2		
N814096		3.7	76	2.1	16.8	58	33.0		
N814097		3.0	78	5.2	14.0	115	38.3		
N814098		1.7	48	7.8	6.6	91	19.0		
N814099		9.0	79	13.1	19.1	91	168.0		
N814100		5.7	57	1.4	15.5	52	113.0		
N814101		6.3	66	10.1	9.6	477	30.7		
N814102		6.6	65	7.6	10.0	203	27.0		
N814103		0.6	3	0.1	0.9	15	<0.5		
N814104		6.3	71	9.0	11.4	548	31.2		
N814105		6.9	69	5.7	12.5	868	29.5		
N814106		4.5	75	3.4	16.6	93	33.4		
N814107		3.9	72	0.9	15.0	193	32.8		
N814108		5.2	59	5.5	10.6	5460	25.3		
N814109		4.4	74	1.8	15.8	58	37.0		
N814110		4.6	76	2.8	16.5	190	35.7		
N814111		4.4	73	4.6	16.7	47	37.8		
N814112		4.3	76	2.5	16.5	55	37.2		
N814113		4.4	72	2.4	16.4	54	36.4		
N814114		4.6	77	1.8	15.4	54	34.7		
N814115		4.2	82	4.0	16.3	59	30.6		
N814116		4.4	80	1.3	15.9	55	32.1		
N814117		3.4	74	2.7	14.1	56	32.8		
N814118		6.3	68	2.5	12.7	68	32.3		
N814119		1.0	3	0.1	0.9	16	<0.5		
N814120		4.2	76	2.2	17.3	52	37.2		
N814121		3.7	76	2.0	16.8	46	32.4		
N814122		3.4	81	3.0	13.8	61	31.2		
N814123		3.2	77	2.9	13.3	61	31.2		
N814124		7.6	74	3.8	12.5	2790	30.8		
N814125		5.7	70	1.9	16.2	231	33.5		
N814126		5.5	76	1.8	16.7	57	40.6		
N814127		4.9	79	2.4	17.2	54	38.5		
N814128		4.5	106	3.3	20.4	55	39.4		
N814129		5.2	101	3.5	18.8	54	39.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183293

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183294

Project: Klaza - 97

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER MATT TURNER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

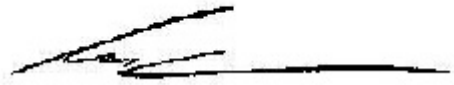
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183294

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814130		3.34	<0.005	0.11	6.98	22.9	2470	1.41	0.14	2.68	0.14	41.6	7.2	15	14.40	7.9
N814131		3.54	<0.005	0.07	7.09	7.8	1850	1.40	0.14	2.76	0.14	39.7	7.7	9	17.65	6.2
N814132		0.26	0.842	9.57	6.82	1850	580	1.40	5.73	1.80	43.2	45.2	17.7	20	16.10	107.0
N814133		7.76	<0.005	0.16	7.73	4.3	2090	1.65	0.18	2.53	0.15	48.6	8.7	11	7.25	4.7
N814134		5.98	<0.005	0.07	6.93	4.3	1980	1.40	0.22	2.78	0.11	38.1	8.2	10	8.25	4.4
N814135		4.07	0.135	22.0	7.09	194.5	2340	1.46	4.92	2.80	5.52	42.1	9.3	9	15.30	392
N814136		5.40	<0.005	0.08	0.13	<5	180	0.08	0.04	21.3	0.08	1.52	2.0	1	0.29	4.2
N814137		5.77	0.022	1.40	9.72	64.1	2900	1.87	0.85	3.33	3.58	69.1	14.7	16	12.15	42.1
N814138		6.72	<0.005	0.10	7.57	4.5	2050	1.33	0.14	2.79	0.17	36.7	9.3	11	6.35	11.7
N814139		3.01	<0.005	0.08	7.42	2.6	1990	1.14	0.07	3.63	0.11	49.0	7.6	8	7.81	5.5
N814140		4.47	<0.005	0.07	7.63	2.0	2000	1.33	0.05	2.14	0.06	39.9	8.7	10	9.33	8.4
N814141		7.00	<0.005	0.06	7.26	2.7	2090	1.47	0.06	2.87	0.09	37.5	9.0	10	9.22	4.3
N814142		7.71	<0.005	0.06	7.31	3.9	2040	1.69	0.06	2.66	0.09	43.6	7.9	10	8.21	5.2
N814143		2.22	<0.005	0.87	7.44	10.3	2330	1.09	0.98	1.76	0.27	42.6	6.6	9	8.43	46.9
N814144		3.51	0.130	5.89	6.31	981	1120	1.17	3.82	1.72	11.15	44.5	7.3	7	13.45	185.0
N814145		3.47	<0.005	0.01	0.09	<5	30	0.05	0.03	21.3	0.08	1.21	1.8	1	0.27	2.6
N814146		3.69	<0.005	0.19	7.08	12.8	1810	1.66	0.08	2.50	2.23	39.5	8.1	11	10.65	5.2
N814147		7.15	<0.005	0.02	2.95	1.2	810	0.61	0.03	0.97	0.03	19.70	3.2	4	2.78	1.8
N814148		3.72	0.013	3.61	7.29	48.1	1850	1.40	1.17	2.53	13.65	44.9	8.5	9	7.35	100.0
N814149		4.06	<0.005	0.40	7.16	5.8	2030	1.45	0.27	2.49	2.41	46.6	8.0	11	8.17	13.8
N814150		4.60	<0.005	0.15	7.63	1.8	2040	1.38	0.12	2.44	0.63	48.0	7.7	10	6.27	10.5
N814151		6.63	<0.005	0.07	7.59	1.7	2120	1.62	0.08	2.47	0.10	50.8	7.6	11	6.59	3.8
N814152		2.64	0.012	0.88	7.49	16.1	2110	1.40	1.35	2.51	0.32	54.0	13.5	10	6.96	62.0
N814153		7.15	<0.005	0.40	7.42	6.7	1970	1.48	0.54	2.44	0.30	47.3	9.1	10	7.14	14.7
N814154		6.58	<0.005	0.09	7.31	4.2	2150	1.53	0.20	2.67	0.19	50.4	7.1	16	6.72	8.1
N814155		<0.02	<0.005	0.08	7.25	4.3	2150	1.56	0.19	2.67	0.15	44.5	7.1	12	6.75	3.7
N814156		2.55	0.013	0.88	7.18	19.6	2190	1.46	1.90	3.12	0.53	45.9	8.1	9	8.80	18.9
N814157		2.87	<0.005	0.14	7.19	6.7	2080	1.38	0.25	2.60	0.21	43.8	6.3	11	4.93	5.9
N814158		1.66	<0.005	0.09	7.35	5.4	2120	1.42	0.22	2.64	0.15	39.5	5.6	9	4.67	5.2
N814159		3.30	0.013	0.83	7.14	24.8	1980	1.55	0.60	2.90	3.87	43.7	7.2	10	9.03	42.6
N814160		2.43	<0.005	0.29	7.49	9.4	2130	1.66	0.39	2.84	0.23	44.8	6.3	12	7.96	20.3
N814161		3.69	0.021	5.56	6.94	79.9	1990	1.42	2.37	2.69	6.01	49.2	7.3	9	12.20	356
N814162		0.26	0.804	10.45	6.85	1870	1170	1.50	6.90	1.97	41.4	47.6	16.0	19	16.10	114.0
N814163		2.82	<0.005	0.63	7.21	11.0	2410	1.50	0.36	2.71	0.36	87.7	6.9	13	7.28	29.6
N814164		4.88	<0.005	0.89	7.60	12.5	2220	1.47	0.65	1.95	1.61	56.1	6.8	10	9.22	78.8
N814165		2.79	0.005	1.25	7.14	23.8	1900	1.71	1.62	2.44	1.10	44.1	5.2	10	10.40	94.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183294

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814130		2.66	17.65	0.19	2.0	0.037	2.47	20.8	20.6	0.76	589	1.11	1.08	8.7	5.9	580
N814131		2.83	16.50	0.20	1.4	0.040	2.41	19.4	18.6	0.80	619	1.25	1.29	8.2	2.7	590
N814132		5.36	15.20	0.20	1.3	0.912	2.80	23.3	24.1	0.70	2000	12.55	0.25	8.4	15.3	500
N814133		3.01	17.80	0.24	1.3	0.043	2.52	25.5	13.4	0.84	613	1.74	2.12	8.7	3.0	600
N814134		2.83	16.50	0.21	1.4	0.043	2.52	17.5	12.9	0.70	670	1.41	1.96	8.4	2.9	570
N814135		3.65	16.20	0.20	1.3	0.883	2.72	21.0	12.1	0.72	855	1.81	1.22	8.1	2.7	540
N814136		0.50	0.52	0.05	<0.1	0.006	0.04	0.8	1.1	13.00	221	0.11	0.02	0.3	2.5	190
N814137		5.46	25.5	0.25	1.8	0.293	4.01	32.8	16.9	1.36	1510	3.07	2.31	13.9	4.7	980
N814138		3.02	17.90	0.21	1.2	0.037	2.44	17.5	14.4	0.88	655	1.23	1.94	8.2	2.8	610
N814139		2.79	17.30	0.19	1.3	0.034	2.49	25.6	30.9	0.64	788	1.08	0.43	8.5	2.8	600
N814140		3.20	16.65	0.18	1.2	0.031	2.68	20.2	27.9	0.72	503	1.18	0.84	8.6	3.0	590
N814141		3.03	16.70	0.21	1.2	0.035	2.48	17.7	18.7	0.76	640	2.33	1.57	8.6	3.2	610
N814142		2.87	16.30	0.20	1.3	0.030	2.60	22.4	15.0	0.69	629	1.29	1.78	8.6	2.9	560
N814143		2.81	16.40	0.17	1.2	0.050	2.86	22.0	28.7	0.51	726	1.47	0.19	8.2	3.1	570
N814144		3.38	12.40	0.16	1.1	0.684	2.36	24.9	15.3	0.68	1300	1.48	0.10	6.6	2.2	450
N814145		0.49	0.41	0.05	<0.1	<0.005	0.03	0.6	1.1	13.05	216	0.19	<0.01	0.3	2.4	160
N814146		2.83	18.05	0.19	1.3	0.035	2.62	18.9	9.2	0.66	1000	1.62	1.73	8.7	2.8	550
N814147		1.11	7.27	0.15	0.4	0.011	0.95	11.0	4.5	0.28	243	0.54	0.77	3.2	1.2	210
N814148		3.74	16.60	0.20	1.3	0.218	2.78	23.2	10.8	0.81	1550	1.39	1.08	8.0	2.6	560
N814149		2.97	15.85	0.19	1.2	0.051	2.52	23.4	10.1	0.78	738	1.22	1.72	8.2	2.7	570
N814150		3.03	15.75	0.23	1.4	0.042	2.58	25.0	11.3	0.84	672	1.40	2.08	8.6	2.9	630
N814151		2.92	15.85	0.22	1.4	0.034	2.54	26.6	12.7	0.78	605	1.38	2.12	8.3	2.9	590
N814152		3.33	15.20	0.23	1.2	0.110	2.63	29.2	9.0	0.74	1100	2.27	1.50	7.6	2.8	590
N814153		3.12	15.20	0.21	1.1	0.062	2.57	24.7	8.8	0.72	846	1.37	1.61	7.7	2.8	590
N814154		3.03	15.35	0.14	1.1	0.041	2.77	22.8	14.2	0.76	549	0.95	2.28	7.6	4.7	620
N814155		3.06	15.60	0.13	0.9	0.045	2.76	21.2	13.7	0.76	554	0.81	2.31	7.7	3.3	620
N814156		3.44	15.75	0.18	0.9	0.072	2.82	21.3	13.7	0.77	893	0.48	1.46	7.4	2.7	600
N814157		3.01	15.75	0.14	1.0	0.049	2.72	20.3	11.8	0.76	568	0.52	2.20	7.6	2.3	610
N814158		2.97	15.35	0.13	1.0	0.041	2.68	18.3	11.2	0.76	555	0.54	2.28	7.3	2.1	610
N814159		3.62	16.00	0.15	1.0	0.157	2.90	18.3	13.4	0.88	973	0.60	1.74	7.5	2.2	620
N814160		3.36	16.45	0.15	1.0	0.054	2.72	19.1	12.1	0.82	696	1.06	2.19	8.1	2.3	710
N814161		4.27	16.00	0.16	1.0	0.438	2.73	24.5	17.4	0.85	1200	1.14	0.78	7.5	2.2	580
N814162		5.61	14.90	0.15	1.3	0.916	2.94	25.8	24.9	0.72	2010	11.95	0.28	7.1	14.8	540
N814163		3.29	16.95	0.17	1.1	0.074	2.94	45.3	16.4	0.79	727	1.79	2.08	8.1	2.2	620
N814164		3.32	16.50	0.15	1.2	0.116	2.90	28.0	30.1	0.64	808	2.64	0.88	8.3	1.9	630
N814165		3.10	15.35	0.15	1.1	0.151	3.09	21.1	14.9	0.73	984	2.31	1.26	7.3	1.9	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183294

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814130		16.3	88.4	<0.002	0.06	7.39	9.7	1	1.9	276	0.71	<0.05	12.0	0.252	1.42	4.1
N814131		15.0	90.7	<0.002	0.02	4.59	11.2	1	1.7	309	0.69	<0.05	12.2	0.251	1.21	3.7
N814132		1325	149.5	0.002	3.16	34.6	9.7	2	6.2	148.5	0.70	0.33	11.6	0.211	2.47	4.9
N814133		17.4	104.5	<0.002	0.02	1.37	12.6	2	1.7	387	0.73	0.06	15.3	0.261	1.09	5.0
N814134		16.1	85.6	<0.002	0.01	2.17	10.6	1	2.0	363	0.72	<0.05	10.6	0.244	1.06	4.0
N814135		132.0	117.5	<0.002	1.28	51.1	11.5	1	2.9	263	0.67	0.27	12.5	0.237	1.47	5.6
N814136		2.1	2.4	<0.002	0.02	0.30	0.4	3	<0.2	56.9	<0.05	<0.05	0.2	<0.005	0.02	0.8
N814137		127.5	142.0	<0.002	0.56	6.66	19.5	2	3.4	411	1.07	<0.05	16.8	0.439	1.94	5.7
N814138		17.9	98.9	<0.002	0.03	1.79	12.6	2	1.6	380	0.62	<0.05	14.4	0.264	0.98	3.7
N814139		17.3	80.3	<0.002	0.02	8.07	11.2	1	1.7	239	0.74	<0.05	12.5	0.256	1.01	3.2
N814140		16.2	89.5	<0.002	0.01	5.04	10.6	1	2.0	244	0.76	<0.05	13.8	0.256	0.94	2.9
N814141		15.2	84.0	<0.002	0.01	3.15	10.9	1	1.6	347	0.73	<0.05	11.0	0.257	1.00	3.7
N814142		17.8	97.1	<0.002	0.01	2.19	10.8	1	1.7	338	0.87	<0.05	14.3	0.241	0.98	5.1
N814143		25.8	97.3	<0.002	0.08	6.70	10.2	1	2.0	127.5	0.70	<0.05	13.4	0.236	1.29	3.5
N814144		258	125.5	<0.002	1.19	39.5	8.9	1	2.0	89.2	0.67	0.06	12.8	0.186	1.50	4.4
N814145		1.7	1.9	<0.002	0.01	0.08	0.4	2	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814146		45.7	106.0	<0.002	0.05	2.37	11.0	1	2.1	317	0.84	<0.05	12.2	0.235	1.20	4.3
N814147		7.2	50.1	<0.002	0.01	0.48	4.9	2	0.6	142.5	0.28	<0.05	6.1	0.091	0.41	2.1
N814148		800	128.5	<0.002	0.88	3.23	10.7	2	1.9	226	0.76	0.06	13.1	0.235	1.73	4.4
N814149		99.4	92.6	<0.002	0.10	1.86	10.8	1	1.8	330	0.75	<0.05	14.1	0.245	1.12	4.3
N814150		26.7	105.5	<0.002	0.03	1.16	10.8	1	1.8	352	0.85	<0.05	14.5	0.258	1.08	5.1
N814151		17.1	100.5	<0.002	0.01	0.91	10.9	1	1.7	369	0.80	<0.05	14.3	0.249	1.00	4.8
N814152		23.6	105.5	<0.002	0.39	3.08	11.8	1	2.1	271	0.66	0.24	14.7	0.239	1.42	4.7
N814153		28.3	99.2	<0.002	0.16	2.39	10.9	1	2.0	301	0.67	0.09	13.5	0.245	1.23	3.9
N814154		23.2	101.0	0.004	0.02	1.37	10.1	1	1.7	412	0.62	<0.05	13.7	0.261	1.13	3.6
N814155		20.1	92.5	0.002	0.02	1.42	9.9	1	1.7	415	0.62	<0.05	12.1	0.261	1.04	3.0
N814156		34.9	113.5	<0.002	0.74	3.91	10.2	1	2.1	290	0.56	0.27	12.2	0.241	1.52	3.7
N814157		20.5	100.0	0.005	0.10	1.34	10.3	1	1.8	370	0.59	<0.05	12.1	0.256	1.13	3.4
N814158		18.7	100.0	<0.002	0.08	1.26	9.8	<1	1.9	383	0.59	<0.05	11.3	0.247	1.12	3.3
N814159		77.2	111.5	<0.002	0.42	2.08	10.3	1	2.3	323	0.58	0.08	10.2	0.251	1.47	3.3
N814160		24.9	99.9	0.003	0.14	1.91	10.9	1	2.1	375	0.66	0.06	10.4	0.269	1.16	3.2
N814161		145.0	110.0	0.005	1.01	13.50	10.2	2	2.6	211	0.64	0.47	11.4	0.224	1.49	3.8
N814162		1345	171.5	0.003	3.45	33.3	9.2	1	6.1	153.0	0.58	0.36	12.7	0.214	2.62	5.3
N814163		31.4	101.5	0.003	0.14	1.31	9.9	1	1.9	369	0.71	0.09	16.5	0.262	1.30	3.3
N814164		75.1	122.0	0.003	0.24	6.03	10.2	<1	2.3	193.5	0.75	0.08	15.5	0.249	1.33	3.9
N814165		54.8	129.0	0.003	0.56	10.20	8.8	1	2.2	255	0.72	0.12	13.6	0.219	1.65	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183294

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814130		66	1.9	14.4	46	69.4
N814131		70	2.4	14.6	50	38.4
N814132		58	5.5	11.3	3040	41.5
N814133		72	1.5	17.0	48	34.1
N814134		69	1.5	14.7	44	38.9
N814135		67	1.6	14.2	469	35.7
N814136		3	0.1	1.0	18	0.6
N814137		126	3.0	24.5	435	50.7
N814138		73	1.6	16.2	50	34.7
N814139		69	4.5	17.8	47	34.0
N814140		69	2.8	12.7	45	29.7
N814141		71	2.1	14.1	47	28.7
N814142		65	1.9	15.0	48	31.3
N814143		65	7.7	12.7	64	30.8
N814144		52	3.5	13.1	1080	23.9
N814145		3	0.1	0.8	16	<0.5
N814146		64	2.8	15.0	245	32.1
N814147		25	0.7	6.8	18	12.7
N814148		67	1.9	13.8	1620	29.2
N814149		67	1.4	14.9	213	29.4
N814150		74	1.4	16.5	85	31.7
N814151		68	1.5	16.1	45	31.9
N814152		69	1.7	15.0	96	26.9
N814153		69	1.5	14.1	72	25.3
N814154		71	1.0	14.7	49	23.2
N814155		71	0.9	14.5	49	21.6
N814156		67	1.9	14.2	85	20.6
N814157		70	0.8	14.2	53	21.6
N814158		67	0.8	13.6	47	21.9
N814159		71	1.1	13.9	397	22.0
N814160		77	1.1	15.0	55	23.3
N814161		67	1.5	14.1	552	22.1
N814162		60	4.9	11.4	3060	37.2
N814163		72	1.3	15.0	61	25.7
N814164		66	4.6	15.3	174	27.7
N814165		61	1.8	12.7	131	24.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183294

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183295

Project: Klaza - 97

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

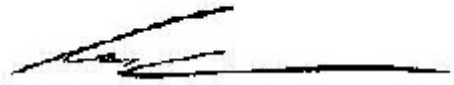
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183295

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814166		4.91	<0.005	0.08	7.77	4.2	2130	1.65	0.17	2.70	0.17	55.7	6.1	12	5.75	3.4
N814167		0.23	0.747	10.55	7.15	1910	1290	1.62	6.88	2.07	43.0	52.7	16.5	20	16.95	116.0
N814168		3.80	<0.005	0.20	7.65	7.5	1970	1.57	0.10	2.66	0.20	53.3	7.3	13	4.46	5.7
N814169		3.89	<0.005	0.10	7.50	5.3	1930	1.65	0.22	2.48	0.12	57.5	6.5	11	4.23	5.1
N814170		2.48	0.025	1.18	7.51	35.5	2020	1.70	0.60	2.35	5.20	53.9	7.1	10	6.40	62.5
N814171		3.81	<0.005	0.08	7.52	3.7	2060	1.78	0.10	2.77	0.09	52.5	7.3	10	4.64	3.1
N814172		2.49	<0.005	0.09	7.31	2.0	2160	1.63	0.18	2.72	0.16	49.8	7.0	10	4.26	3.2
N814173		6.33	0.020	3.42	6.87	23.9	1930	1.49	0.84	2.61	2.18	44.4	6.5	9	12.90	498
N814174		3.30	<0.005	0.10	0.11	<5	40	0.07	0.04	21.2	0.07	1.44	0.8	1	0.35	3.7
N814175		4.27	<0.005	0.15	7.72	4.2	2230	1.53	0.18	3.00	0.14	53.7	7.3	10	8.42	5.9
N814176		3.16	0.100	2.23	7.36	178.5	1570	1.68	1.18	2.38	5.87	55.9	7.2	10	13.90	22.2
N814177		3.45	<0.005	0.13	7.68	5.2	1990	1.79	0.09	2.88	0.11	56.5	8.3	14	4.07	7.5
N814178		1.47	<0.005	0.04	7.77	5.1	2010	1.73	0.08	2.98	0.10	51.6	8.4	12	3.86	3.7
N814179		2.61	<0.005	0.93	7.57	20.3	1830	1.63	0.40	2.62	7.51	98.0	7.7	8	9.61	13.9
N814180		4.68	<0.005	0.06	7.68	4.5	2110	1.49	0.07	2.76	0.12	55.7	7.5	11	5.67	2.8
N814181		6.77	0.015	0.92	6.58	125.5	1720	1.64	0.66	3.01	5.07	36.2	6.3	10	15.65	74.6
N814182		4.99	<0.005	0.13	7.15	7.1	1860	1.78	0.23	2.85	0.27	49.0	5.4	10	14.70	2.7
N814183		5.14	0.005	0.29	6.90	23.3	1810	1.72	0.17	2.94	0.13	39.3	7.8	8	21.2	57.6
N814184		3.70	<0.005	0.04	0.10	<5	20	0.07	0.02	21.0	0.05	1.43	0.7	1	0.30	1.5
N814185		6.87	<0.005	0.07	7.42	6.7	2100	1.51	0.15	2.75	0.10	49.2	6.3	12	6.42	5.0
N814186		5.05	<0.005	0.06	7.47	4.3	2100	1.55	0.11	2.86	0.10	49.8	7.1	12	4.91	2.9
N814187		7.90	<0.005	0.05	7.43	4.2	2100	1.54	0.11	2.85	0.09	45.4	7.0	10	6.21	3.5
N814188		6.20	<0.005	0.15	7.31	9.2	1890	1.82	0.27	2.64	0.37	39.0	6.5	10	10.85	8.5
N814189		2.79	0.466	19.90	6.31	1970	940	1.29	18.10	2.79	6.34	44.2	6.5	6	7.06	578
N814190		2.60	0.489	9.38	6.37	6330	230	1.43	19.25	1.70	1.37	33.0	8.2	9	7.05	198.5
N814191		5.49	<0.005	0.40	7.49	27.8	2070	1.65	0.46	2.76	1.17	46.2	6.9	10	11.45	12.0
N814192		3.11	<0.005	0.75	7.74	46.2	1780	1.56	1.45	3.34	0.93	44.6	8.3	10	8.67	48.6
N814193		6.72	<0.005	0.11	7.62	8.3	2000	1.64	0.30	2.97	0.13	46.1	6.7	9	9.37	3.0
N814194		0.23	4.28	>100	5.33	8350	200	1.07	64.2	1.93	229	31.0	8.9	17	10.25	1250
N814195		7.41	<0.005	0.34	7.66	28.7	2300	1.55	0.34	2.75	0.51	44.1	6.6	13	5.48	6.2
N814196		3.11	<0.005	0.14	7.50	22.8	2240	1.62	0.44	2.71	0.24	46.1	4.2	10	5.87	1.6
N814197		<0.02	<0.005	0.13	7.52	52.3	2240	1.51	0.43	2.73	0.22	52.1	4.4	10	6.26	1.4
N814198		3.21	<0.005	0.60	7.10	16.2	870	1.54	1.02	2.33	5.38	49.4	11.9	9	4.84	17.2
N814199		7.41	<0.005	0.28	7.48	14.2	1210	1.65	1.04	2.73	0.33	46.7	4.4	9	5.63	11.4
N814200		7.90	0.011	0.14	7.65	13.4	1270	1.71	0.55	2.43	0.22	46.8	5.5	11	5.25	5.7
N814201		2.92	0.021	1.75	7.29	67.0	1810	1.45	1.57	2.22	4.27	51.0	6.6	11	6.29	51.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183295

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814166		3.01	17.35	0.16	1.1	0.046	2.95	29.2	13.3	0.84	594	2.49	2.43	8.5	2.1	610
N814167		5.75	15.85	0.16	1.4	0.935	3.04	25.5	25.6	0.76	2090	12.50	0.29	7.4	15.8	550
N814168		3.13	15.80	0.15	1.1	0.038	2.76	26.9	12.3	0.93	691	1.86	2.47	8.1	2.6	670
N814169		2.78	16.75	0.16	1.2	0.038	2.83	29.5	11.2	0.76	572	1.99	2.38	8.2	2.0	560
N814170		3.31	15.35	0.17	1.1	0.209	3.01	27.3	11.9	0.75	805	0.58	2.07	7.7	2.4	580
N814171		3.07	16.40	0.16	1.1	0.038	2.65	25.6	13.4	0.82	603	0.49	2.48	8.6	2.1	620
N814172		3.09	16.55	0.16	1.0	0.047	2.74	23.8	11.6	0.82	679	0.65	2.38	8.5	2.4	650
N814173		3.25	15.60	0.17	1.0	0.126	2.98	20.0	23.7	0.75	1120	0.75	1.06	7.6	2.1	600
N814174		0.50	0.37	0.15	<0.1	0.007	0.05	0.7	1.3	12.75	217	0.20	0.02	0.3	0.9	170
N814175		3.24	16.60	0.20	1.0	0.052	2.47	25.2	11.6	0.88	808	0.43	2.36	8.5	2.5	680
N814176		4.08	16.65	0.16	1.0	0.110	2.77	29.2	19.2	0.77	1260	0.41	1.45	8.5	2.5	660
N814177		3.35	17.30	0.16	1.1	0.044	2.52	28.4	12.9	1.01	760	0.52	2.56	8.9	6.6	650
N814178		3.53	17.05	0.17	1.1	0.052	2.40	24.6	12.3	1.05	825	0.48	2.72	9.0	2.3	670
N814179		3.73	16.50	0.18	1.0	0.096	2.79	51.4	22.6	0.81	1120	0.93	1.75	7.8	1.9	630
N814180		3.18	16.60	0.16	1.1	0.036	2.60	29.5	12.6	0.85	609	0.86	2.55	8.2	2.4	640
N814181		3.47	14.90	0.14	0.9	0.242	2.28	15.8	20.6	0.91	1200	0.45	1.20	7.3	2.1	620
N814182		2.87	16.10	0.16	1.2	0.059	2.15	21.9	14.2	0.67	720	0.37	2.30	8.1	2.2	590
N814183		2.82	15.65	0.16	1.0	0.088	2.48	17.8	36.0	0.70	675	0.99	1.05	7.8	1.8	590
N814184		0.50	0.33	0.17	<0.1	0.006	0.04	0.8	1.4	12.65	217	0.21	0.01	0.2	0.8	200
N814185		3.01	16.20	0.20	1.0	0.045	2.73	24.9	13.1	0.86	630	1.76	2.37	8.1	2.0	650
N814186		3.04	16.20	0.16	0.9	0.043	2.60	24.8	11.8	0.83	630	1.60	2.42	7.9	2.5	640
N814187		3.05	16.15	0.16	1.0	0.040	2.55	21.1	12.9	0.81	605	2.73	2.41	8.2	3.0	660
N814188		3.18	17.45	0.16	1.1	0.083	2.27	16.6	17.3	0.78	790	0.45	2.55	8.9	2.8	640
N814189		7.35	13.55	0.16	0.8	0.563	2.71	21.7	14.0	1.15	1440	4.71	0.04	6.0	1.9	490
N814190		8.86	16.65	0.11	0.8	0.387	2.82	16.0	12.9	0.79	998	5.49	0.04	5.9	3.3	500
N814191		3.13	16.90	0.10	0.9	0.112	1.86	21.2	23.7	0.73	872	1.05	1.89	7.7	2.9	610
N814192		4.12	17.30	0.10	1.0	0.327	1.85	22.4	37.9	0.83	1070	1.82	2.07	7.2	3.7	590
N814193		2.83	16.00	0.12	1.0	0.060	1.65	22.6	14.6	0.79	696	1.58	2.51	8.1	2.8	650
N814194		8.00	12.95	0.10	1.1	4.14	2.17	14.6	31.2	0.62	3070	15.85	0.08	5.1	14.0	470
N814195		3.07	16.05	0.11	1.0	0.055	1.74	22.3	14.0	0.91	730	0.99	2.74	7.9	3.4	640
N814196		2.94	16.05	0.10	1.0	0.067	1.48	24.6	15.0	0.84	771	0.40	2.79	7.6	2.6	610
N814197		3.09	17.00	0.11	1.0	0.071	1.47	27.3	15.6	0.86	790	0.46	2.76	7.8	3.3	620
N814198		3.78	14.90	0.10	1.0	0.222	1.29	28.1	13.0	0.88	1020	0.33	2.22	6.7	2.7	560
N814199		3.55	16.05	0.11	1.1	0.136	1.37	23.8	19.5	0.82	1080	0.32	2.55	7.0	2.9	600
N814200		3.09	15.35	0.13	1.1	0.086	0.96	25.2	13.0	0.83	903	0.26	3.29	7.4	2.6	600
N814201		4.98	15.50	0.12	1.2	0.245	2.26	27.1	14.3	0.80	1560	0.44	1.16	7.4	3.2	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183295

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814166		19.9	114.0	0.002	0.02	1.19	10.7	1	1.8	400	0.68	<0.05	15.4	0.253	1.13	4.0
N814167		1420	177.0	0.003	3.59	34.2	9.6	2	6.1	161.0	0.61	0.35	13.6	0.217	2.71	5.6
N814168		20.1	109.0	0.005	0.02	0.57	10.8	1	1.7	386	0.73	<0.05	14.4	0.260	1.03	5.0
N814169		17.9	120.0	0.003	0.01	1.62	10.1	1	1.6	371	0.82	<0.05	16.6	0.233	1.05	5.3
N814170		88.0	127.0	0.002	0.30	5.06	9.9	1	2.0	337	0.76	0.07	16.4	0.242	1.26	4.8
N814171		16.8	100.5	0.002	0.01	0.81	10.4	1	1.8	400	0.80	<0.05	14.3	0.260	0.99	5.0
N814172		19.4	100.0	0.003	0.03	1.11	10.7	1	1.7	389	0.69	<0.05	11.7	0.264	1.03	4.0
N814173		101.5	122.0	0.004	0.39	10.10	9.6	1	1.9	239	0.67	0.30	11.2	0.246	1.66	3.2
N814174		1.4	2.9	0.005	0.02	0.05	0.4	<1	0.2	45.5	<0.05	<0.05	0.2	<0.005	0.05	0.4
N814175		16.7	107.0	0.002	0.03	1.61	11.1	<1	1.7	394	0.70	<0.05	12.1	0.251	1.17	3.6
N814176		406	134.5	0.004	0.47	6.94	11.2	1	2.3	263	0.68	<0.05	12.3	0.266	1.57	4.0
N814177		23.3	103.0	0.004	0.01	0.78	13.3	1	2.0	395	0.76	<0.05	12.2	0.288	1.02	4.7
N814178		15.6	99.5	0.003	<0.01	0.74	13.6	1	2.0	405	0.78	<0.05	11.1	0.278	1.01	4.5
N814179		253	135.0	0.004	0.17	2.03	11.1	1	2.1	314	0.66	<0.05	17.9	0.251	1.48	4.2
N814180		17.4	102.5	0.006	0.02	0.71	10.4	1	1.7	413	0.65	0.05	12.4	0.251	1.14	3.7
N814181		185.0	106.0	0.003	0.44	19.20	9.8	1	2.2	234	0.61	0.05	9.6	0.229	1.76	4.0
N814182		19.9	86.8	0.003	0.06	2.67	9.5	1	1.8	368	0.72	<0.05	15.7	0.239	1.23	3.8
N814183		19.4	103.0	0.006	0.19	16.50	9.6	1	1.8	256	0.64	0.05	11.2	0.233	1.52	3.3
N814184		1.1	2.3	0.005	0.02	0.10	0.5	<1	0.2	42.6	<0.05	<0.05	0.2	<0.005	0.04	0.5
N814185		16.2	104.0	0.003	0.02	1.22	10.5	1	1.7	412	0.63	<0.05	12.2	0.278	1.04	3.4
N814186		16.3	96.6	0.004	0.01	0.87	10.6	1	1.7	401	0.58	<0.05	12.3	0.254	1.00	3.4
N814187		17.9	94.5	0.005	0.01	0.86	10.6	1	1.6	405	0.67	<0.05	11.4	0.259	1.04	3.5
N814188		24.9	97.6	0.005	0.07	2.49	10.8	1	2.2	372	0.78	<0.05	10.6	0.261	1.22	4.1
N814189		355	165.5	0.006	4.55	160.0	9.2	<1	4.5	64.0	0.51	0.22	11.2	0.179	2.55	7.3
N814190		167.5	147.0	<0.002	7.19	47.0	8.9	1	7.1	55.4	0.47	0.87	10.3	0.195	2.63	8.3
N814191		31.4	101.0	<0.002	0.27	5.54	10.8	1	2.5	349	0.58	0.06	10.9	0.249	1.31	4.0
N814192		31.3	93.8	<0.002	1.17	3.34	10.1	1	4.5	297	0.65	0.09	12.7	0.238	1.45	4.4
N814193		16.2	71.0	<0.002	0.06	3.05	10.7	1	2.1	414	0.59	<0.05	12.1	0.257	0.92	3.7
N814194		9690	131.5	<0.002	7.11	219	7.1	1	8.3	120.0	0.37	0.44	8.3	0.178	2.31	4.9
N814195		30.4	64.6	<0.002	0.04	2.42	10.1	1	1.9	514	0.59	0.05	11.9	0.259	0.94	3.8
N814196		22.6	63.1	<0.002	0.02	2.44	10.0	1	2.2	482	0.56	0.05	12.5	0.244	0.93	3.6
N814197		21.2	66.6	<0.002	0.02	2.48	10.6	1	2.3	481	0.57	0.05	13.1	0.251	0.91	3.8
N814198		115.5	85.8	<0.002	0.56	2.26	9.8	1	3.4	187.0	0.51	0.08	14.0	0.222	1.22	4.9
N814199		23.3	75.0	<0.002	0.18	2.92	9.3	1	3.4	259	0.58	0.07	13.4	0.232	1.26	4.4
N814200		21.4	45.9	<0.002	0.02	3.09	9.9	1	2.5	450	0.60	<0.05	14.7	0.241	0.70	4.1
N814201		287	124.5	<0.002	1.56	4.03	10.2	1	2.3	208	0.61	<0.05	13.9	0.231	1.88	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183295

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814166		68	1.2	16.5	49	27.6		
N814167		62	5.5	11.6	3150	40.1		
N814168		74	0.8	17.0	49	25.0		
N814169		62	0.8	17.1	40	28.1		
N814170		66	0.7	15.4	439	24.9		
N814171		71	0.5	16.6	41	25.9		
N814172		73	0.6	16.5	49	23.5		
N814173		68	1.6	13.2	218	20.6		
N814174		2	0.1	0.8	13	0.5		
N814175		71	0.7	16.7	47	24.2		
N814176		73	1.9	16.0	480	24.3		
N814177		84	0.5	18.9	52	24.4		
N814178		85	0.4	18.5	46	25.3		
N814179		69	1.5	16.1	577	23.7		
N814180		70	0.5	15.8	40	26.1		
N814181		68	2.7	12.6	453	22.0		
N814182		63	1.1	14.0	53	28.1		
N814183		63	1.9	13.3	47	23.5		
N814184		4	0.1	0.9	12	<0.5		
N814185		75	0.9	16.3	45	21.3		
N814186		70	0.6	16.3	41	22.4		
N814187		70	0.9	15.8	42	21.4		
N814188		71	1.1	17.3	67	23.6		
N814189		54	7.2	9.5	524	17.7		
N814190		63	8.0	8.1	142	15.9		
N814191		70	2.8	14.2	135	20.4		
N814192		80	1.7	13.2	110	20.1		
N814193		72	2.2	15.2	52	21.7		
N814194		52	4.2	7.7	>10000	26.7	123	1.525
N814195		73	1.6	14.8	80	21.3		
N814196		67	1.5	14.6	67	19.8		
N814197		68	1.7	15.6	66	21.4		
N814198		60	1.9	12.5	521	20.1		
N814199		69	2.1	11.8	99	22.4		
N814200		65	1.8	14.3	67	21.7		
N814201		67	2.5	12.9	457	23.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12183295

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183296

Project: Klaza - 98

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183296

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812438		3.00	0.117	0.45	7.12	408	1680	1.25	0.13	3.52	0.49	43.3	7.6	8	16.45	10.5
N812439		3.64	<0.005	0.07	7.10	6.6	1690	1.57	0.13	2.98	0.12	44.8	7.8	8	14.65	7.0
N812440		3.78	<0.005	0.05	7.22	5.5	1740	1.51	0.12	2.44	0.12	58.8	7.5	8	15.55	3.8
N812441		1.69	<0.005	0.14	7.25	6.7	1490	1.43	0.11	2.22	0.16	39.2	6.9	9	13.90	3.4
N812442		2.72	<0.005	0.07	7.15	3.2	1940	1.29	0.35	2.49	0.06	38.7	7.6	8	9.19	4.7
N812443		1.27	<0.005	0.06	7.27	3.3	1860	1.34	0.18	2.32	0.06	43.9	7.8	8	9.58	6.5
N812444		2.22	0.007	0.15	7.31	4.0	1400	1.57	0.64	3.07	0.06	45.6	8.4	7	13.25	9.6
N812445		5.40	<0.005	0.08	7.30	4.1	1890	1.31	2.15	2.60	0.05	41.7	7.7	9	10.00	9.3
N812446		4.28	<0.005	0.16	6.82	25.6	2380	1.53	0.26	2.60	0.24	40.8	7.7	8	18.00	3.9
N812447		2.90	<0.005	0.07	7.60	7.7	2160	1.54	0.17	2.44	0.10	40.4	8.3	10	16.45	6.4
N812448		4.19	<0.005	0.13	7.73	11.7	2350	1.31	0.17	2.29	0.34	45.0	7.8	10	15.95	7.6
N812449		1.80	0.068	58.1	7.16	189.0	1110	1.57	111.0	2.45	5.07	40.1	10.4	12	23.3	39.2
N812450		4.14	<0.005	0.11	0.10	<5	40	0.06	0.17	21.2	0.08	1.12	0.7	<1	0.25	1.6
N812451		1.56	<0.005	0.11	7.95	58.0	850	1.86	0.19	3.18	0.23	70.9	10.5	42	29.9	17.6
N812452		<0.02	<0.005	0.07	8.12	57.5	700	1.68	0.11	3.12	0.23	72.8	10.5	41	30.6	18.5
N812453		1.67	<0.005	0.11	7.09	16.4	1730	1.62	0.47	2.86	0.09	44.0	6.9	8	20.9	4.1
N812454		3.57	<0.005	0.09	7.58	4.4	2140	1.40	0.24	2.84	0.08	46.9	7.8	9	13.00	7.1
N812455		1.88	<0.005	0.23	7.31	12.4	1950	1.43	0.32	2.66	0.12	38.6	7.7	10	18.45	12.1
N812456		3.92	<0.005	0.06	7.42	5.8	2320	1.40	0.15	2.82	0.10	43.0	8.4	10	14.85	7.5
N812457		0.32	2.21	24.4	5.75	3530	800	1.20	18.85	2.20	77.7	39.9	10.4	18	13.00	419
N812458		3.29	<0.005	0.23	7.14	140.5	1870	1.48	0.19	3.14	0.26	47.6	8.2	9	18.75	8.8
N812459		4.63	<0.005	0.10	7.07	6.6	1960	1.52	0.16	2.89	0.12	41.5	8.1	9	20.8	7.8
N812460		4.97	<0.005	0.08	6.89	6.6	2130	1.40	0.17	1.85	0.10	42.4	7.5	9	18.25	5.3
N812461		1.87	0.009	0.40	6.74	131.0	1160	1.37	0.73	3.17	0.53	44.8	8.8	8	18.20	4.1
N812462		2.56	<0.005	0.09	7.44	18.3	1520	1.24	0.18	1.98	0.17	49.0	7.9	9	13.95	9.8
N812463		2.50	<0.005	0.07	7.21	12.1	790	1.20	0.23	1.40	0.37	44.4	6.9	8	11.95	5.7
N812464		2.32	0.035	0.58	6.57	167.5	960	1.22	1.47	1.94	0.75	48.9	6.9	8	18.25	5.7
N812465		1.61	<0.005	0.07	8.22	34.8	670	1.69	4.29	2.37	0.71	43.4	5.9	7	24.0	1.8
N812466		3.69	<0.005	0.01	0.16	<5	30	0.13	0.05	21.1	0.05	2.00	1.0	2	0.33	2.9
N812467		2.69	0.017	0.87	7.68	79.2	4180	2.06	2.38	2.88	4.34	58.8	8.6	9	22.7	16.2
N812468		1.44	<0.005	0.01	6.81	5.4	1940	1.52	0.34	2.42	0.09	45.8	7.0	8	18.95	2.7
N812469		3.37	<0.005	0.37	7.35	5.7	2460	1.68	0.40	2.33	0.27	54.1	7.8	8	13.80	15.6
N812470		0.24	0.769	9.17	6.59	1820	1130	1.39	6.07	1.88	38.3	46.8	14.6	19	16.05	112.5
N812471		3.87	<0.005	0.04	6.88	6.8	1900	1.23	0.24	2.78	0.12	45.6	7.1	9	12.65	8.5
N812472		2.58	<0.005	0.09	7.55	4.6	1760	1.48	1.92	2.49	0.23	53.0	8.4	8	15.00	5.9
N812473		2.06	<0.005	0.16	6.74	8.5	1550	1.58	1.71	2.82	0.24	40.4	7.3	9	14.85	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183296

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812438		2.92	15.20	0.12	1.3	0.045	3.18	23.7	26.6	1.01	2600	0.76	0.37	6.7	2.6	600
N812439		2.93	15.75	0.12	1.4	0.030	2.49	20.9	13.6	0.69	841	0.57	2.07	7.4	2.8	590
N812440		2.90	15.20	0.14	1.3	0.032	2.66	31.8	49.3	0.69	897	0.36	1.70	7.1	2.6	590
N812441		3.12	14.75	0.11	1.3	0.040	2.67	19.0	86.2	0.80	1040	0.43	1.55	7.0	2.9	630
N812442		3.02	14.30	0.13	1.4	0.035	2.46	17.6	16.4	0.76	847	0.35	2.32	7.2	2.5	650
N812443		3.03	14.85	0.14	1.4	0.036	2.44	23.7	16.7	0.78	818	0.40	2.30	7.4	2.8	650
N812444		3.01	16.40	0.13	1.2	0.047	2.04	21.3	15.4	0.79	896	0.59	2.14	7.1	2.7	610
N812445		3.17	15.30	0.11	1.4	0.042	2.44	19.7	12.7	0.78	855	0.43	2.13	7.2	2.9	620
N812446		3.05	14.60	0.10	1.1	0.037	2.54	20.3	69.6	0.90	1600	0.25	0.57	6.7	2.6	580
N812447		3.20	16.50	0.14	1.3	0.036	2.63	19.1	15.7	0.78	842	0.65	2.01	7.6	3.3	660
N812448		3.25	16.35	0.11	1.4	0.033	2.69	22.3	19.9	0.76	1020	0.59	1.13	7.6	2.8	680
N812449		4.43	16.50	0.10	1.7	0.080	3.00	20.2	27.8	0.93	3720	3.49	0.56	7.5	7.0	740
N812450		0.48	0.26	0.09	<0.1	<0.005	0.03	0.6	1.2	12.55	225	0.11	0.01	0.1	1.6	180
N812451		3.45	18.10	0.17	4.3	0.032	1.54	38.3	348	1.49	911	1.00	0.05	10.0	16.8	1790
N812452		3.50	18.75	0.17	4.7	0.033	1.56	40.8	347	1.48	915	1.17	0.05	10.4	17.5	1850
N812453		3.02	15.60	0.13	1.5	0.042	2.97	21.7	20.3	0.78	1180	1.30	0.94	7.7	3.1	610
N812454		3.15	16.25	0.10	1.4	0.038	2.54	23.8	16.9	0.85	738	1.17	2.16	7.4	2.7	660
N812455		3.05	15.85	0.14	1.3	0.029	2.63	19.2	56.7	0.76	861	1.08	1.47	7.3	3.0	630
N812456		3.18	16.55	0.11	1.2	0.029	2.44	19.5	19.2	0.89	696	3.07	2.20	7.7	2.9	650
N812457		6.69	13.70	0.11	1.0	1.485	2.46	22.7	22.4	0.90	1940	12.50	0.04	5.3	15.1	450
N812458		3.06	16.40	0.10	1.2	0.034	2.73	25.7	29.0	0.91	1480	2.25	1.02	7.5	3.0	630
N812459		2.94	15.90	0.09	1.2	0.029	2.24	19.7	18.0	0.74	760	1.02	1.96	7.4	2.6	640
N812460		2.95	16.00	0.12	1.2	0.035	2.45	20.4	25.3	0.67	605	0.39	1.27	7.4	3.0	610
N812461		2.88	16.40	0.12	1.1	0.044	2.70	22.7	44.3	1.01	2120	0.26	0.11	6.9	3.2	570
N812462		2.90	17.00	0.11	1.2	0.043	2.48	25.6	51.0	0.72	787	0.75	0.08	8.8	3.8	650
N812463		2.95	14.05	0.10	1.0	0.038	1.82	23.8	53.2	0.63	755	0.46	0.05	7.8	3.1	620
N812464		2.56	14.20	0.10	0.9	0.052	2.43	27.5	34.0	0.68	2170	0.45	0.08	6.6	3.4	520
N812465		3.64	22.5	0.11	1.2	0.093	2.02	21.2	98.8	0.80	1470	0.17	1.01	9.2	2.5	670
N812466		0.47	0.44	0.05	<0.1	<0.005	0.06	0.9	2.2	12.70	213	0.16	0.01	0.3	0.9	200
N812467		3.28	18.45	0.13	1.4	0.122	2.77	30.3	52.3	0.90	2430	0.35	0.39	9.4	3.3	680
N812468		3.23	14.80	0.12	1.3	0.042	3.02	23.2	51.4	0.85	783	0.24	0.97	8.1	2.9	580
N812469		2.82	16.65	0.13	1.4	0.046	2.60	28.6	64.9	0.77	688	0.90	1.93	8.8	2.9	580
N812470		5.28	13.95	0.13	1.1	0.953	2.78	25.5	25.8	0.69	1920	12.25	0.27	7.4	17.2	480
N812471		3.01	14.80	0.08	1.2	0.039	2.38	23.4	16.2	0.80	742	0.57	2.05	8.5	3.2	580
N812472		3.23	15.80	0.12	1.2	0.049	2.25	28.0	20.1	0.98	961	0.25	2.33	9.0	3.1	660
N812473		2.95	15.50	0.10	1.1	0.046	2.37	20.4	24.1	0.79	1040	0.28	1.63	8.2	3.0	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183296

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812438		37.4	165.5	<0.002	0.32	14.60	10.7	1	2.0	170.5	0.57	<0.05	11.1	0.254	2.37	4.1
N812439		11.7	106.5	<0.002	0.04	5.27	10.1	1	1.6	255	0.58	<0.05	10.5	0.248	1.37	2.9
N812440		13.7	124.5	<0.002	0.03	6.71	10.7	1	1.8	249	0.57	0.06	13.8	0.243	1.47	3.9
N812441		12.8	110.0	<0.002	0.06	10.15	10.3	1	1.7	276	0.54	<0.05	10.7	0.256	1.45	2.3
N812442		9.6	99.7	<0.002	0.02	4.04	9.9	1	1.6	265	0.59	<0.05	11.2	0.254	1.35	3.3
N812443		9.8	117.5	<0.002	0.01	4.00	10.8	1	1.7	259	0.58	<0.05	12.8	0.252	1.41	3.5
N812444		9.7	106.0	<0.002	0.02	4.87	10.4	1	1.6	233	0.56	<0.05	10.7	0.243	1.37	3.8
N812445		10.5	107.5	<0.002	0.02	4.14	10.3	1	1.5	277	0.62	<0.05	10.9	0.255	1.35	3.5
N812446		17.3	105.5	<0.002	0.18	13.65	10.3	1	1.5	224	0.53	<0.05	9.7	0.241	1.74	6.4
N812447		15.5	111.5	<0.002	0.02	4.02	11.8	1	1.6	346	0.57	<0.05	9.9	0.271	1.39	2.7
N812448		20.7	113.0	<0.002	0.05	11.85	11.6	1	1.7	255	0.59	<0.05	11.8	0.279	1.40	3.1
N812449		471	141.0	<0.002	1.91	35.2	10.3	2	1.9	290	0.53	0.13	10.1	0.274	2.50	4.8
N812450		1.9	1.6	<0.002	0.01	0.17	0.2	<1	0.3	51.3	<0.05	0.05	<0.2	<0.005	0.02	0.6
N812451		15.0	59.4	<0.002	0.05	33.7	8.7	1	1.5	683	0.57	0.06	7.6	0.446	0.85	2.8
N812452		13.4	60.9	<0.002	0.04	35.9	8.9	1	1.5	697	0.58	0.05	7.8	0.452	0.83	2.9
N812453		12.1	133.5	<0.002	0.09	5.73	10.0	1	1.6	267	0.77	<0.05	11.3	0.252	2.07	5.0
N812454		16.9	91.8	<0.002	<0.01	2.33	11.1	1	1.7	425	0.58	0.05	11.6	0.275	1.07	3.3
N812455		17.9	110.0	<0.002	0.05	7.78	10.4	1	1.7	341	0.56	<0.05	10.7	0.259	1.44	4.0
N812456		17.1	100.5	<0.002	<0.01	1.25	11.5	1	1.7	443	0.58	<0.05	10.7	0.268	1.06	3.3
N812457		2910	161.5	<0.002	4.71	91.2	7.7	<1	7.5	89.5	0.42	0.36	10.0	0.174	2.50	4.7
N812458		19.4	142.0	<0.002	0.14	10.30	11.7	1	2.1	314	0.55	<0.05	10.8	0.261	1.92	4.7
N812459		18.8	92.0	<0.002	0.01	4.09	11.1	1	1.7	418	0.52	<0.05	9.8	0.261	1.03	2.5
N812460		16.3	101.0	<0.002	0.01	11.10	11.1	1	1.6	284	0.52	<0.05	10.6	0.261	1.21	2.8
N812461		27.9	140.5	<0.002	0.31	15.45	11.1	2	1.6	176.0	0.48	0.06	9.9	0.240	2.17	6.1
N812462		17.6	96.4	<0.002	0.06	28.2	13.3	1	1.7	143.5	0.69	<0.05	11.8	0.289	1.30	2.2
N812463		14.5	71.6	<0.002	0.03	42.7	11.4	1	1.5	112.5	0.62	<0.05	12.2	0.272	0.84	2.6
N812464		55.9	131.0	<0.002	0.62	90.0	10.8	1	1.5	111.0	0.51	<0.05	11.4	0.236	1.69	2.7
N812465		24.9	82.4	<0.002	0.08	72.7	11.3	1	1.9	264	0.73	<0.05	11.3	0.299	1.77	2.3
N812466		1.5	2.8	<0.002	0.01	0.38	0.5	1	<0.2	42.8	<0.05	<0.05	<0.2	0.006	0.02	0.5
N812467		145.0	107.0	<0.002	0.57	27.3	13.6	1	1.9	222	0.81	<0.05	14.3	0.316	2.00	6.1
N812468		17.0	104.5	<0.002	0.01	14.65	11.2	1	1.5	244	0.74	<0.05	12.1	0.267	1.45	2.6
N812469		49.9	103.5	<0.002	0.02	9.85	12.9	1	2.0	401	0.77	<0.05	13.9	0.275	1.13	2.7
N812470		1360	151.5	<0.002	3.10	31.0	8.9	1	5.7	149.5	0.59	0.30	12.0	0.209	2.20	5.0
N812471		22.5	79.8	<0.002	0.02	3.00	9.3	1	1.8	374	0.73	<0.05	10.1	0.270	0.98	2.9
N812472		38.5	89.0	<0.002	0.01	3.88	12.5	1	2.1	323	0.82	<0.05	12.9	0.295	1.11	3.4
N812473		34.6	82.3	<0.002	0.02	5.87	10.7	1	1.7	287	0.70	<0.05	10.5	0.274	1.27	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183296

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812438		74	3.2	13.5	67	25.1
N812439		67	1.3	11.5	57	28.6
N812440		68	1.1	13.1	65	28.2
N812441		71	1.3	10.6	85	27.7
N812442		70	1.1	11.9	57	27.6
N812443		66	1.0	13.3	56	28.9
N812444		75	1.4	13.6	57	26.1
N812445		74	1.2	13.3	59	29.7
N812446		70	1.6	12.9	79	24.3
N812447		78	1.5	13.9	58	27.7
N812448		80	2.0	14.5	85	26.9
N812449		79	2.9	11.0	549	42.2
N812450		3	0.1	0.8	17	<0.5
N812451		95	1.0	12.4	105	157.5
N812452		96	1.1	12.7	106	165.0
N812453		75	1.6	12.7	64	26.7
N812454		79	1.0	14.5	57	29.6
N812455		74	1.5	13.6	62	27.4
N812456		79	1.1	14.8	56	26.5
N812457		56	4.7	8.4	5580	21.0
N812458		76	2.0	14.7	65	23.3
N812459		75	1.4	14.1	62	23.9
N812460		76	1.6	13.3	67	24.5
N812461		80	2.3	14.8	125	23.1
N812462		79	5.5	17.0	71	31.7
N812463		67	3.8	15.9	89	26.8
N812464		81	2.3	14.0	86	25.3
N812465		107	2.8	15.8	164	32.1
N812466		4	0.1	1.1	14	0.5
N812467		85	2.8	18.2	586	37.3
N812468		70	2.0	15.3	74	32.7
N812469		75	1.6	18.6	66	35.3
N812470		57	4.9	12.0	2960	36.0
N812471		74	1.4	16.2	74	31.2
N812472		80	1.6	17.4	138	31.0
N812473		75	1.6	13.6	139	28.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183296

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183297

Project: Klaza - 98

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

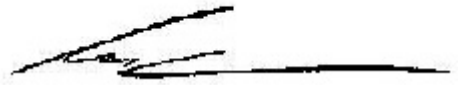
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183297

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812474		2.86	0.023	0.47	6.57	150.0	1040	1.42	1.14	2.57	0.62	46.4	7.0	9	19.55	7.6
N812475		2.72	<0.005	0.05	7.01	10.3	1970	1.48	0.28	2.73	0.20	40.3	6.5	9	14.65	4.5
N812476		3.01	<0.005	0.03	7.50	5.8	1920	1.56	0.31	2.24	0.10	53.2	7.3	9	20.4	6.6
N812477		2.97	<0.005	0.01	6.86	6.9	1790	1.30	0.15	2.11	0.09	41.9	7.4	10	15.20	6.4
N812478		1.46	0.070	0.86	6.81	308	850	1.30	0.50	1.87	1.29	51.7	7.9	8	18.60	12.2
N812479		3.70	0.023	0.14	6.77	160.0	1190	1.27	0.25	2.22	0.25	37.4	5.9	9	14.75	2.4
N812480		1.70	0.073	0.68	6.89	305	1050	1.44	0.47	2.58	4.19	54.4	8.1	8	19.55	8.7
N812481		3.11	<0.005	0.04	7.22	6.1	2000	1.10	0.19	2.31	0.18	51.1	7.7	11	11.95	4.7
N812482		3.69	<0.005	0.01	0.18	<5	30	0.14	0.05	21.1	0.14	1.82	1.2	3	0.76	3.3
N812483		2.13	<0.005	0.07	7.31	6.7	1860	1.47	0.12	1.86	0.20	51.9	8.2	11	14.95	7.2
N812484		0.14	4.37	>100	5.43	8190	1060	1.15	60.3	1.95	221	38.5	8.6	18	11.65	1325
N812485		2.69	<0.005	0.11	6.56	33.3	1580	1.36	0.17	2.29	0.30	42.2	6.9	9	17.60	6.8
N812486		2.85	<0.005	0.03	7.54	7.1	2150	1.54	0.16	2.62	0.15	53.8	7.5	10	14.55	3.5
N812487		1.56	<0.005	0.22	7.06	37.4	1420	1.35	0.48	2.54	0.28	42.1	8.4	9	20.9	3.5
N812488		2.38	<0.005	<0.01	7.33	5.7	2050	1.49	0.22	2.35	0.09	43.6	6.5	10	14.40	2.1
N812489		2.90	<0.005	<0.01	7.26	4.9	1870	1.46	0.24	2.63	0.09	46.1	6.5	11	12.15	1.7
N812490		1.15	0.009	0.20	7.04	49.6	720	1.48	0.51	2.25	0.76	45.4	8.1	7	19.65	4.6
N812491		4.09	<0.005	0.01	0.07	<5	20	<0.05	0.02	21.2	0.07	1.41	0.8	<1	0.15	2.3
N812492		2.96	<0.005	1.01	7.09	5.9	1830	1.42	2.53	3.01	0.13	42.1	6.4	10	12.80	3.0
N812493		3.25	<0.005	0.07	7.13	6.7	1860	1.46	0.21	2.63	0.11	46.9	6.9	10	11.55	6.1
N812494		3.30	<0.005	0.04	7.45	6.0	2490	1.44	0.17	2.84	0.14	53.6	7.0	12	14.20	2.7
N812495		3.56	<0.005	0.11	7.22	6.4	1550	1.55	0.45	2.86	0.12	47.9	7.5	11	13.45	2.4
N812496		1.81	<0.005	0.03	6.74	7.0	1640	1.53	0.41	3.27	0.12	41.7	7.0	11	18.35	4.8
N812497		4.03	<0.005	<0.01	6.55	9.2	1310	1.25	1.22	3.03	0.09	34.6	6.0	11	10.45	1.2
N812498		3.63	<0.005	0.08	7.72	3.7	2100	1.70	0.16	2.83	0.06	42.6	9.0	11	12.35	3.4
N812499		<0.02	<0.005	0.08	7.43	5.1	2080	1.68	0.14	2.74	0.05	38.4	8.9	12	11.45	3.3
N812500		1.57	<0.005	0.22	6.24	8.8	1340	1.51	0.58	3.76	0.23	35.5	7.9	9	15.50	4.1
N812501		1.70	<0.005	0.14	7.86	8.6	1720	1.66	0.20	2.88	0.08	44.5	8.3	12	14.60	4.8
N812502		2.72	<0.005	0.07	7.22	5.6	1860	1.75	0.15	2.88	0.07	36.5	7.6	12	9.98	4.1
N812503		2.87	<0.005	0.03	7.70	4.0	1830	1.60	0.06	2.93	0.09	44.3	7.6	11	12.15	3.0
N812504		1.80	<0.005	1.03	7.28	20.8	1720	1.55	0.19	3.48	0.39	42.6	6.9	9	16.20	3.1
N812505		3.81	<0.005	0.29	6.97	18.2	1320	1.50	0.60	3.49	0.46	45.0	7.7	10	14.85	8.8
N812506		1.74	<0.005	0.07	7.00	5.6	2070	1.82	0.43	3.03	0.13	38.8	7.6	10	11.95	2.5
N812507		0.13	0.752	9.48	7.08	1985	1460	1.52	6.66	1.94	43.7	45.0	16.9	20	16.95	107.0
N812508		4.63	<0.005	0.28	7.37	5.8	1900	1.67	0.18	2.64	0.17	39.1	7.4	10	8.68	4.0
N812509		2.35	<0.005	0.10	7.46	5.0	1950	1.73	0.15	2.31	0.11	45.5	7.4	10	8.72	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183297

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812474		2.79	13.70	0.10	1.0	0.052	2.63	25.1	29.7	0.87	2400	0.28	0.33	7.4	3.0	560
N812475		2.66	15.30	0.10	1.1	0.054	2.39	20.6	18.1	0.63	676	0.43	1.96	8.0	2.9	590
N812476		3.04	15.35	0.12	1.2	0.042	2.56	28.6	23.9	0.78	674	0.40	1.96	8.2	3.0	610
N812477		2.88	14.65	0.12	1.2	0.039	2.58	22.1	24.7	0.73	712	0.34	1.73	7.9	3.0	580
N812478		2.97	14.45	0.11	1.1	0.041	2.97	29.1	20.6	0.72	2530	0.37	0.13	7.3	3.2	540
N812479		3.04	12.05	0.09	1.1	0.031	2.87	19.1	28.7	0.73	1820	0.26	0.47	6.8	2.6	560
N812480		3.13	15.35	0.13	1.1	0.048	2.83	30.6	34.1	0.79	3130	0.31	0.13	7.9	4.3	570
N812481		3.70	13.30	0.11	1.0	0.043	2.63	26.1	14.9	0.67	1070	0.30	1.34	7.9	3.3	740
N812482		0.50	0.49	0.06	<0.1	0.007	0.08	0.9	2.6	12.60	226	0.17	0.01	0.3	1.8	200
N812483		3.37	16.70	0.13	1.3	0.051	2.62	26.7	22.1	0.61	1040	0.48	1.36	9.0	3.2	690
N812484		8.30	12.80	0.16	1.0	5.25	2.28	20.4	33.3	0.63	3020	15.35	0.09	5.7	15.3	450
N812485		2.77	14.45	0.10	1.1	0.039	2.41	20.9	29.7	0.65	882	0.49	1.53	7.5	2.8	590
N812486		3.04	16.15	0.11	1.3	0.042	2.43	28.1	22.9	0.79	713	0.48	2.16	8.4	3.2	610
N812487		2.85	15.50	0.10	1.2	0.044	2.34	20.8	41.3	0.78	1040	0.26	0.89	8.1	3.0	590
N812488		2.88	15.00	0.11	1.1	0.040	2.06	22.9	17.2	0.82	710	0.25	2.40	7.9	2.7	590
N812489		2.92	14.80	0.11	1.0	0.047	1.80	23.6	24.0	0.84	823	0.27	2.36	7.8	2.8	590
N812490		2.97	15.90	0.11	1.1	0.057	2.54	22.5	22.1	0.67	2570	0.32	0.81	7.6	3.7	760
N812491		0.45	0.22	0.05	<0.1	<0.005	0.02	0.7	1.0	12.65	195	0.13	0.01	0.2	0.2	200
N812492		3.04	13.85	0.11	1.0	0.038	2.25	21.1	42.6	0.80	817	0.34	1.98	7.2	2.5	620
N812493		3.04	15.15	0.11	1.0	0.042	2.23	23.9	16.2	0.87	742	0.37	2.54	7.8	2.7	610
N812494		3.13	15.05	0.10	1.1	0.040	2.43	28.7	22.9	0.87	774	0.44	2.43	7.9	3.4	600
N812495		3.11	15.30	0.12	1.1	0.052	1.83	24.2	28.8	0.80	835	0.36	2.34	8.3	3.0	620
N812496		3.06	14.70	0.11	1.0	0.053	1.79	21.4	32.4	0.77	866	0.56	2.12	7.7	2.9	580
N812497		3.02	12.70	0.09	0.8	0.093	1.48	17.2	24.5	0.81	1120	0.32	2.07	6.4	2.3	540
N812498		3.21	16.15	0.15	1.2	0.038	2.39	20.3	15.2	0.85	791	0.98	2.38	8.4	1.9	650
N812499		3.19	16.35	0.19	1.2	0.036	2.40	18.1	15.0	0.83	774	1.02	2.33	8.2	1.7	640
N812500		2.92	14.70	0.13	1.1	0.034	2.31	16.9	31.6	0.88	1140	0.72	0.94	7.6	3.0	580
N812501		3.14	17.35	0.15	1.1	0.042	2.34	20.6	47.5	0.71	758	1.07	1.74	8.5	3.3	670
N812502		3.14	15.65	0.14	1.3	0.038	2.30	16.5	15.7	0.79	753	1.50	2.26	7.6	3.1	620
N812503		3.17	17.05	0.15	1.2	0.032	2.33	21.1	38.3	0.81	725	3.05	1.95	8.3	3.0	650
N812504		2.88	15.65	0.14	1.7	0.034	2.29	20.4	49.3	1.07	1140	6.08	0.06	8.0	2.7	540
N812505		3.13	15.75	0.14	1.1	0.045	2.74	22.3	29.5	1.01	1460	1.42	0.45	7.7	2.7	590
N812506		3.07	15.70	0.15	1.2	0.040	2.63	18.3	33.0	0.72	980	1.74	1.62	8.0	2.9	610
N812507		5.39	15.30	0.16	1.4	0.833	2.94	23.0	25.3	0.70	2060	12.35	0.27	7.4	16.2	520
N812508		2.90	15.65	0.14	1.3	0.034	2.48	18.9	18.2	0.74	746	0.66	2.26	8.1	2.8	590
N812509		2.83	15.20	0.15	1.3	0.029	2.43	22.9	19.0	0.72	665	0.65	2.21	8.3	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183297

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812474		41.6	133.0	<0.002	0.51	14.95	11.0	1	1.9	135.0	0.58	<0.05	11.9	0.264	1.96	14.1
N812475		21.3	86.7	<0.002	0.02	4.96	10.8	1	1.5	339	0.67	<0.05	10.9	0.267	1.06	2.0
N812476		34.6	104.0	<0.002	0.01	4.16	12.1	1	1.6	425	0.68	<0.05	13.9	0.274	1.07	3.8
N812477		27.3	85.4	<0.002	0.02	4.12	10.4	1	1.8	360	0.68	<0.05	11.4	0.264	1.16	2.4
N812478		99.1	151.0	<0.002	0.71	20.5	10.8	1	1.9	118.0	0.60	<0.05	12.6	0.251	2.14	7.7
N812479		39.8	90.1	<0.002	0.46	11.35	8.6	1	1.3	180.5	0.64	<0.05	10.2	0.256	1.59	4.7
N812480		89.2	156.5	<0.002	0.69	20.0	12.2	1	1.8	169.0	0.61	<0.05	12.9	0.265	2.33	5.4
N812481		32.4	77.8	<0.002	0.02	9.48	12.8	1	1.6	314	0.58	<0.05	10.0	0.334	0.94	2.1
N812482		2.0	5.0	<0.002	0.03	0.12	0.6	1	<0.2	40.6	<0.05	<0.05	0.2	0.007	0.03	0.5
N812483		45.3	95.5	<0.002	0.02	11.70	13.8	1	1.8	247	0.74	<0.05	11.9	0.307	1.10	2.6
N812484		9680	134.0	<0.002	7.22	220	7.7	2	8.9	127.0	0.46	0.54	9.5	0.189	2.04	5.4
N812485		38.3	83.7	<0.002	0.08	6.69	10.6	1	1.5	318	0.67	<0.05	10.6	0.261	1.31	4.9
N812486		25.8	84.4	<0.002	0.02	3.13	12.7	1	1.6	436	0.70	<0.05	13.0	0.278	0.96	3.3
N812487		32.6	82.3	<0.002	0.15	6.85	10.9	1	1.7	295	0.70	<0.05	10.1	0.279	1.80	4.1
N812488		20.7	65.7	<0.002	0.01	4.20	10.9	1	1.5	427	0.65	<0.05	11.9	0.270	0.83	2.3
N812489		17.1	56.0	<0.002	0.01	4.01	10.7	1	1.5	416	0.63	<0.05	11.6	0.275	0.71	2.6
N812490		33.5	112.5	<0.002	0.22	15.40	11.8	1	1.9	190.0	0.60	<0.05	9.7	0.297	2.13	5.1
N812491		1.4	1.1	<0.002	0.02	0.09	0.2	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N812492		24.3	66.5	<0.002	0.02	5.64	10.6	1	1.4	393	0.62	<0.05	10.1	0.281	0.88	2.9
N812493		34.0	74.9	<0.002	0.03	4.07	11.3	1	1.4	346	0.64	<0.05	12.7	0.279	0.96	3.5
N812494		29.6	86.5	<0.002	0.02	3.65	11.8	1	1.4	405	0.68	<0.05	14.6	0.277	0.93	3.7
N812495		37.9	59.6	<0.002	0.01	5.80	12.3	1	1.5	415	0.68	<0.05	11.5	0.281	0.75	2.9
N812496		34.2	57.4	<0.002	0.01	6.89	11.1	1	1.4	442	0.63	<0.05	10.4	0.269	0.70	3.9
N812497		17.0	39.4	<0.002	0.02	5.01	9.0	1	1.3	429	0.55	<0.05	8.6	0.255	0.60	2.4
N812498		18.6	73.6	<0.002	0.01	2.92	11.9	1	1.5	482	0.69	<0.05	11.3	0.291	0.85	3.5
N812499		19.3	66.0	<0.002	0.01	2.78	11.4	1	1.5	468	0.68	<0.05	10.3	0.289	0.89	3.4
N812500		16.6	73.7	<0.002	0.09	6.54	9.1	1	1.5	249	0.64	<0.05	8.1	0.261	1.37	5.5
N812501		22.5	77.7	<0.002	0.05	6.51	11.4	<1	1.6	380	0.67	<0.05	10.5	0.296	1.17	5.5
N812502		17.9	63.1	<0.002	0.01	2.73	10.1	<1	1.6	408	0.70	<0.05	9.5	0.284	0.95	3.1
N812503		17.0	73.1	<0.002	<0.01	3.34	11.1	1	1.7	428	0.68	<0.05	11.0	0.290	0.84	2.7
N812504		13.6	76.0	<0.002	0.14	6.51	9.4	<1	1.5	245	0.93	<0.05	14.7	0.238	1.91	4.4
N812505		14.0	97.5	<0.002	0.20	11.15	10.0	<1	1.6	195.5	0.65	<0.05	10.1	0.261	1.79	4.5
N812506		20.0	90.5	<0.002	0.02	5.40	9.8	<1	1.8	283	0.68	<0.05	9.8	0.272	1.58	2.6
N812507		1380	156.5	0.002	3.32	34.5	9.0	1	6.2	158.0	0.61	0.33	11.6	0.217	2.49	4.9
N812508		18.9	73.4	<0.002	0.01	3.34	9.2	<1	1.5	411	0.77	<0.05	11.4	0.255	1.02	2.8
N812509		18.3	78.1	<0.002	0.01	3.20	10.0	1	1.7	389	0.78	<0.05	13.7	0.250	0.96	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183297

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812474		65	2.0	14.7	117	28.4		
N812475		71	1.3	14.6	67	29.0		
N812476		74	1.5	17.6	60	31.3		
N812477		71	1.2	15.4	63	31.8		
N812478		72	1.7	15.1	156	29.0		
N812479		67	1.5	12.4	94	26.5		
N812480		68	2.8	16.8	572	29.6		
N812481		94	2.0	18.2	98	27.1		
N812482		5	0.1	1.1	21	0.5		
N812483		84	2.6	18.1	84	34.4		
N812484		52	4.4	10.4	>10000	32.8	121	1.610
N812485		70	2.7	14.3	103	29.3		
N812486		76	1.1	18.1	71	33.7		
N812487		78	3.0	14.7	109	30.1		
N812488		73	1.4	15.3	73	29.3		
N812489		71	1.6	16.2	74	26.7		
N812490		93	2.5	14.5	101	28.3		
N812491		3	0.1	0.8	16	<0.5		
N812492		73	1.8	14.5	72	25.8		
N812493		77	1.4	16.6	64	26.9		
N812494		72	1.3	19.1	65	28.1		
N812495		75	1.4	17.6	71	28.1		
N812496		75	2.4	16.5	76	26.3		
N812497		73	2.0	13.7	89	21.5		
N812498		82	2.2	15.2	70	28.8		
N812499		81	2.3	13.8	69	29.3		
N812500		71	2.4	12.4	92	26.3		
N812501		82	3.4	14.2	66	29.7		
N812502		84	5.0	13.2	60	29.5		
N812503		80	9.7	15.2	60	30.4		
N812504		68	3.8	13.4	94	35.0		
N812505		73	2.7	12.6	99	28.0		
N812506		75	5.3	11.7	84	28.9		
N812507		60	5.2	12.4	3220	39.3		
N812508		69	2.2	12.8	68	31.4		
N812509		66	1.9	13.9	62	32.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12183297

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

CERTIFICATE WH12183298

Project: Klaza-98

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

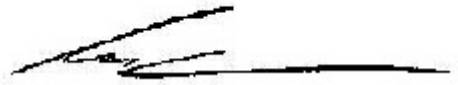
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12183298

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812510		1.64	0.016	0.06	6.74	7.6	1560	1.66	0.16	3.62	0.39	36.8	8.6	6	11.70	2.4
N812511		3.74	<0.005	0.01	0.11	<5	30	0.09	0.01	21.7	0.06	1.71	1.1	<1	0.14	2.1
N812512		1.35	<0.005	0.58	6.05	12.3	1590	1.75	0.52	3.53	0.23	36.7	8.8	6	10.40	2.3
N812513		1.88	<0.005	0.06	7.12	6.6	2020	1.91	0.60	2.84	0.13	41.3	9.8	8	10.25	2.2
N812514		2.83	<0.005	0.08	7.27	6.0	2550	1.78	2.82	3.99	0.13	43.8	10.6	8	10.15	1.0
N812515		2.19	<0.005	0.06	6.93	4.9	1850	1.96	0.33	3.22	0.08	39.6	8.2	6	9.44	3.7
N812516		2.24	<0.005	0.06	6.95	4.1	1250	1.63	0.13	2.76	0.06	41.5	8.0	7	8.04	3.4
N812517		1.55	<0.005	0.08	6.85	7.8	1850	1.80	0.26	2.62	0.09	38.2	8.2	6	10.10	3.0
N812518		1.13	<0.005	0.07	7.38	3.8	1500	1.84	0.27	2.74	0.06	43.6	11.3	7	8.46	3.9
N812519		2.22	<0.005	0.03	7.45	4.6	1330	1.70	0.13	3.22	0.05	45.5	10.0	8	8.20	2.8
N812520		0.23	2.26	26.0	5.88	3440	680	1.33	19.60	2.20	77.2	40.8	11.6	15	13.80	430
N812521		2.94	<0.005	0.05	7.47	5.0	1770	1.86	0.19	2.98	0.10	43.3	9.4	7	7.97	2.5
N812522		1.37	<0.005	0.03	6.80	3.8	1790	1.70	0.23	2.34	0.08	42.2	9.9	10	9.39	1.8
N812523		4.44	<0.005	0.07	7.40	6.7	1720	1.88	0.16	3.00	0.08	47.1	9.5	7	9.16	4.2
N812524		2.05	<0.005	0.27	6.62	5.4	1400	1.73	0.39	3.46	0.10	42.2	8.7	7	11.05	21.8
N812525		1.70	<0.005	0.03	7.31	4.0	1780	1.80	0.11	2.81	0.08	43.9	8.9	7	6.66	1.4
N812526		0.80	<0.005	0.03	6.72	4.5	1860	1.78	0.14	3.00	0.09	37.0	8.7	7	6.52	2.7
N812527		2.19	0.008	0.04	8.46	9.4	1510	2.00	1.18	3.37	0.17	44.7	11.3	7	14.55	0.8
N812528		1.90	<0.005	0.03	7.09	4.6	1420	1.47	0.36	2.67	0.12	41.9	8.3	7	8.48	1.4
N812529		2.61	<0.005	0.05	7.54	5.8	2140	1.78	0.84	3.10	0.14	37.3	8.9	8	10.20	1.2
N812530		2.97	<0.005	0.09	7.25	4.0	1920	1.87	0.22	3.05	0.09	38.7	9.3	9	7.36	6.1
N812531		5.14	<0.005	0.08	7.35	5.5	2050	1.53	0.31	3.03	0.08	40.7	8.6	12	7.13	6.1
N812532		2.09	<0.005	0.03	6.87	4.9	4060	1.38	0.27	4.50	0.09	40.7	7.6	9	11.45	4.6
N812533		3.40	<0.005	<0.01	0.14	<5	40	0.08	0.04	21.0	0.06	1.36	0.9	3	0.30	3.7
N812534		5.66	<0.005	0.04	7.71	4.1	2010	1.40	0.19	2.97	0.07	41.6	8.8	11	8.09	6.2
N812535		0.22	4.28	>100	5.61	8290	710	1.16	62.7	1.94	221	33.2	9.9	17	11.90	1265
N812536		3.29	<0.005	0.13	7.67	10.3	2170	1.54	0.25	2.74	0.20	40.5	8.4	11	8.54	6.0
N812537		3.42	<0.005	0.04	7.26	6.8	1670	1.31	0.30	2.81	0.13	42.9	8.8	9	8.79	3.5
N812538		2.22	<0.005	0.10	6.97	11.1	1530	1.82	1.67	2.85	0.21	35.6	7.4	7	22.2	5.6
N812539		3.15	0.025	0.78	6.85	80.4	1480	1.40	0.44	3.68	0.57	37.2	7.5	8	12.25	32.1
N812540		1.19	<0.005	0.02	8.64	15.7	1220	2.01	0.92	2.19	0.06	28.2	7.6	9	17.55	3.0
N812541		2.46	<0.005	0.12	7.06	38.3	1590	1.74	0.90	3.59	0.15	31.9	9.4	7	19.35	4.3
N812542		2.82	<0.005	0.04	7.35	5.1	1680	1.49	0.11	2.06	0.08	42.7	7.6	9	12.95	3.2
N812543		<0.02	<0.005	0.03	7.49	5.7	1720	1.43	0.11	2.12	0.07	43.0	7.6	9	12.45	3.4
N812544		1.97	0.278	12.55	6.57	973	790	1.44	21.1	3.57	8.51	38.0	9.4	7	13.30	28.6
N812545		3.84	<0.005	0.05	0.07	<5	30	0.05	0.11	20.5	0.08	1.26	0.7	1	0.21	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12183298

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812510		3.08	15.75	0.12	1.1	0.033	1.81	19.9	57.1	0.92	948	0.37	1.28	7.7	2.9	560
N812511		0.48	0.35	0.11	<0.1	<0.005	0.05	0.9	1.1	13.05	211	0.12	0.02	0.5	1.7	190
N812512		2.90	13.85	0.14	1.2	0.038	1.72	19.3	53.5	0.82	1200	0.56	1.62	7.9	2.5	560
N812513		3.38	16.00	0.17	1.1	0.056	1.62	21.1	30.2	0.85	1040	0.41	2.28	8.3	2.8	630
N812514		3.88	16.50	0.17	1.1	0.174	1.69	23.3	15.4	0.96	1740	0.36	1.45	8.2	3.0	610
N812515		3.00	15.65	0.17	1.0	0.036	2.03	20.5	18.7	0.81	897	1.47	1.92	8.0	2.6	570
N812516		2.78	14.95	0.17	1.5	0.035	1.88	21.5	13.4	0.72	729	0.86	2.29	9.4	3.1	530
N812517		2.80	16.35	0.16	1.2	0.036	2.23	19.1	14.6	0.69	902	0.28	1.90	8.9	2.7	580
N812518		3.30	15.85	0.17	1.2	0.037	1.87	22.4	18.7	0.91	950	0.52	1.85	8.9	3.0	620
N812519		3.47	16.80	0.18	1.3	0.044	2.06	23.8	15.6	0.96	1040	0.42	2.15	9.7	3.1	660
N812520		6.74	13.75	0.18	0.9	1.655	2.58	22.6	28.5	0.90	1870	13.25	0.04	6.3	15.3	430
N812521		3.29	16.55	0.14	1.4	0.043	2.18	22.1	14.2	0.85	953	0.44	2.24	9.2	3.0	620
N812522		3.36	15.65	0.15	1.3	0.050	1.66	21.7	11.3	0.88	1020	0.28	2.32	8.8	2.8	560
N812523		3.26	16.35	0.18	1.1	0.037	2.18	24.4	15.3	0.86	872	0.45	2.06	8.8	3.2	640
N812524		3.04	15.25	0.17	1.1	0.038	2.21	21.9	15.4	0.68	921	0.62	1.53	8.1	2.9	570
N812525		3.15	15.50	0.16	1.1	0.035	2.17	22.6	12.7	0.86	763	0.34	2.25	8.4	3.1	600
N812526		3.10	15.20	0.15	1.1	0.034	2.19	18.2	11.8	0.80	787	0.30	2.22	8.0	2.8	590
N812527		3.99	19.15	0.18	1.4	0.086	1.57	22.1	21.2	1.10	1260	0.31	3.59	10.8	3.3	780
N812528		3.16	14.70	0.17	1.1	0.043	1.80	22.4	20.5	0.88	948	0.33	2.27	8.2	2.9	590
N812529		3.83	18.40	0.17	1.3	0.082	1.69	19.1	30.9	0.93	1380	0.58	2.35	8.8	3.0	630
N812530		3.21	16.75	0.16	1.4	0.037	2.32	19.1	17.7	0.85	801	1.60	2.20	9.0	3.6	620
N812531		3.09	16.70	0.07	1.2	0.041	2.20	19.2	13.1	0.89	816	0.89	2.39	8.7	3.0	620
N812532		2.96	14.75	0.08	1.1	0.034	1.97	21.5	12.7	1.07	1120	0.54	2.01	7.4	2.7	550
N812533		0.48	0.35	0.07	<0.1	<0.005	0.07	0.7	1.5	12.80	218	0.17	0.01	0.2	2.9	170
N812534		3.29	16.60	0.10	1.1	0.042	2.15	19.0	13.9	0.95	800	0.52	2.33	8.8	3.0	670
N812535		8.07	13.35	0.09	1.0	4.77	2.30	16.6	32.9	0.63	3010	16.00	0.08	6.0	14.0	450
N812536		3.13	16.50	0.08	1.1	0.036	2.30	21.0	14.6	0.89	700	0.40	2.44	8.6	3.1	620
N812537		3.02	15.70	0.08	1.2	0.039	1.89	21.0	18.7	0.90	857	0.33	2.22	8.6	2.8	620
N812538		3.44	18.50	0.09	1.1	0.088	2.34	17.7	37.1	0.67	767	0.25	1.14	7.9	2.4	560
N812539		2.95	14.25	0.07	1.1	0.048	2.90	18.4	16.5	0.78	1610	0.78	0.65	7.7	2.5	550
N812540		3.74	18.90	0.08	1.3	0.155	2.01	13.9	37.3	0.57	887	0.23	2.48	8.8	2.6	680
N812541		3.11	17.25	0.09	1.3	0.079	2.44	14.1	44.4	0.97	1320	0.20	1.02	8.5	3.1	600
N812542		2.92	16.45	0.09	1.3	0.035	2.22	20.4	31.0	0.66	713	0.33	1.41	8.7	2.5	610
N812543		3.00	15.90	0.08	1.2	0.038	2.26	20.1	29.9	0.68	741	0.32	1.44	8.6	2.7	620
N812544		3.84	13.50	0.09	1.1	0.091	2.60	19.9	47.7	0.93	5150	0.66	0.04	7.1	3.0	500
N812545		0.47	0.24	0.09	<0.1	<0.005	0.03	0.6	1.4	12.65	211	0.13	0.01	0.2	1.8	160

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12183298

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812510		17.1	62.8	<0.002	0.03	5.54	11.2	1	1.4	334	0.61	<0.05	10.1	0.250	1.28	2.6
N812511		1.4	2.1	<0.002	0.01	0.08	0.2	1	<0.2	49.6	<0.05	<0.05	0.3	<0.005	0.02	0.6
N812512		18.1	57.6	<0.002	0.08	4.96	10.3	1	1.5	320	0.68	<0.05	9.7	0.241	1.28	3.1
N812513		23.6	49.6	<0.002	0.02	6.71	12.5	1	1.7	476	0.67	<0.05	10.3	0.276	0.93	2.9
N812514		22.2	59.2	<0.002	0.04	7.00	12.8	1	1.8	483	0.65	<0.05	12.0	0.273	1.00	3.3
N812515		13.7	78.2	<0.002	0.05	3.94	12.0	1	1.6	321	0.63	<0.05	11.6	0.255	1.27	5.2
N812516		13.2	69.5	<0.002	0.02	3.32	10.7	1	1.6	243	0.88	<0.05	15.9	0.241	1.06	4.3
N812517		15.0	76.2	<0.002	0.07	3.47	11.3	1	1.7	277	0.74	<0.05	11.2	0.255	1.42	4.1
N812518		16.9	62.3	<0.002	0.01	3.90	12.8	1	1.7	383	0.75	<0.05	12.9	0.283	0.98	3.2
N812519		13.7	72.6	<0.002	0.01	3.79	14.3	1	1.7	308	0.77	<0.05	12.0	0.300	1.22	4.0
N812520		2800	154.5	0.002	4.88	84.7	9.1	1	7.6	90.0	0.50	0.35	10.5	0.179	2.35	5.1
N812521		18.2	71.9	<0.002	0.01	3.06	12.7	1	1.6	396	0.77	<0.05	12.3	0.274	1.00	5.0
N812522		10.6	57.9	<0.002	0.03	3.56	11.9	1	1.6	240	0.88	<0.05	12.0	0.254	0.94	4.2
N812523		19.7	77.5	<0.002	0.02	3.06	13.4	1	1.5	331	0.68	<0.05	12.8	0.279	1.13	3.7
N812524		22.0	79.8	<0.002	0.03	5.30	11.9	1	1.4	286	0.62	<0.05	11.1	0.254	1.26	3.5
N812525		16.8	66.3	<0.002	<0.01	2.18	12.6	1	1.4	395	0.67	<0.05	12.9	0.270	0.90	3.8
N812526		16.6	57.0	<0.002	0.01	2.30	11.5	1	1.5	378	0.66	<0.05	10.5	0.264	0.87	3.2
N812527		21.7	46.6	<0.002	0.05	7.57	14.7	1	1.9	312	0.85	<0.05	11.9	0.349	0.98	4.0
N812528		14.5	66.9	<0.002	0.01	3.54	12.3	1	1.4	314	0.65	<0.05	12.8	0.264	0.80	3.8
N812529		17.0	55.0	<0.002	0.03	5.80	13.1	1	1.9	377	0.72	<0.05	10.5	0.281	0.83	4.4
N812530		17.8	73.1	<0.002	<0.01	2.11	12.4	1	1.5	437	0.81	<0.05	10.7	0.274	0.86	5.1
N812531		19.4	61.7	<0.002	0.01	2.30	11.7	<1	1.7	442	0.64	<0.05	9.2	0.275	0.80	3.4
N812532		11.5	74.7	<0.002	0.13	2.84	10.4	<1	1.3	326	0.58	<0.05	9.7	0.238	1.23	3.7
N812533		1.5	2.5	<0.002	0.02	0.09	0.5	<1	<0.2	40.8	<0.05	<0.05	<0.2	0.006	0.02	0.6
N812534		19.9	60.0	<0.002	0.01	2.57	12.4	<1	1.6	481	0.66	<0.05	10.6	0.284	0.85	3.7
N812535		9380	138.5	<0.002	7.10	220	7.7	1	9.3	122.5	0.46	0.39	8.1	0.179	2.28	5.0
N812536		27.9	66.1	<0.002	0.01	2.73	11.4	<1	1.6	495	0.66	<0.05	11.8	0.272	0.87	3.8
N812537		19.6	64.8	<0.002	0.02	3.08	12.7	<1	1.9	331	0.68	<0.05	11.2	0.270	0.96	3.5
N812538		21.9	109.5	<0.002	0.04	12.30	10.0	1	2.0	273	0.65	<0.05	9.5	0.242	2.12	4.3
N812539		42.1	122.0	<0.002	0.32	12.55	10.3	<1	2.0	164.0	0.63	<0.05	9.4	0.243	1.96	3.4
N812540		17.0	91.3	<0.002	0.04	12.75	12.3	<1	2.4	289	0.70	<0.05	10.6	0.298	1.74	3.5
N812541		20.6	93.3	<0.002	0.24	7.98	10.7	1	2.0	282	0.64	<0.05	8.5	0.264	2.45	4.0
N812542		17.7	76.8	<0.002	0.01	5.53	11.8	<1	1.8	337	0.68	<0.05	11.1	0.265	0.97	3.5
N812543		17.9	73.6	<0.002	0.02	5.39	11.5	1	1.7	344	0.65	<0.05	11.3	0.272	1.06	3.4
N812544		323	127.5	<0.002	1.82	37.8	10.2	<1	1.6	196.0	0.55	<0.05	10.1	0.219	2.27	4.3
N812545		2.4	1.6	<0.002	0.02	0.19	0.3	<1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.03	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12183298

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812510		70	2.2	14.1	94	28.6		
N812511		2	0.1	1.0	15	0.7		
N812512		60	2.4	13.2	91	30.3		
N812513		77	3.7	15.3	96	28.3		
N812514		81	3.4	15.6	115	29.6		
N812515		72	2.3	14.6	62	27.6		
N812516		65	2.1	13.6	56	36.0		
N812517		77	2.0	13.0	66	31.8		
N812518		79	1.9	14.8	83	31.5		
N812519		89	2.1	16.8	74	33.3		
N812520		56	5.2	9.7	5370	26.9		
N812521		75	1.5	16.1	73	36.6		
N812522		69	1.8	14.5	94	32.5		
N812523		77	2.0	16.0	72	30.7		
N812524		72	1.3	15.7	61	29.3		
N812525		73	0.9	15.4	64	28.3		
N812526		73	0.9	14.1	65	28.7		
N812527		95	1.5	16.6	118	35.6		
N812528		69	1.6	15.8	88	30.9		
N812529		84	2.9	16.3	112	33.8		
N812530		77	1.5	16.6	60	34.1		
N812531		81	2.2	15.0	72	32.7		
N812532		71	2.1	14.9	76	27.6		
N812533		3	0.2	0.9	12	<0.5		
N812534		83	1.4	14.8	80	30.7		
N812535		54	4.6	9.2	>10000	33.4	114	1.595
N812536		79	1.0	14.7	78	30.8		
N812537		78	1.8	14.5	89	30.6		
N812538		87	2.7	13.1	74	27.8		
N812539		68	1.7	12.3	130	27.8		
N812540		85	2.6	11.1	98	34.0		
N812541		74	2.1	13.4	92	37.6		
N812542		77	1.0	14.2	63	33.8		
N812543		78	1.3	14.0	64	31.5		
N812544		62	3.2	13.2	1080	28.6		
N812545		2	0.1	0.8	15	<0.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2012
Account: ROCKHA

Project: Klaza-98

CERTIFICATE OF ANALYSIS WH12183298

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185464

Project: Klaza - 97

P.O. No.: Batch 8

This report is for 3 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

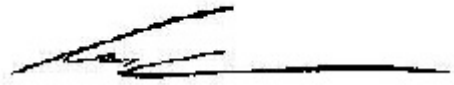
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12185464

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814202		7.66	<0.005	0.20	7.92	8.0	1670	1.41	0.86	2.83	0.26	47.5	7.3	10	5.90	10.1
N814203		3.13	<0.005	0.23	7.28	13.2	1930	1.51	0.63	2.34	0.30	38.8	5.8	8	6.73	7.9
N814204		2.14	<0.005	0.02	0.08	<5	20	0.07	0.04	21.3	0.06	1.19	0.7	1	0.15	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12185464

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814202		3.63	17.90	0.12	1.3	0.125	1.52	24.2	9.4	0.90	1060	0.41	2.99	8.8	2.7	620
N814203		3.30	15.35	0.10	1.1	0.070	1.92	18.5	20.2	0.78	642	0.25	1.27	7.9	2.5	610
N814204		0.47	0.24	0.06	<0.1	0.012	0.03	0.6	1.4	13.35	222	0.08	0.01	0.2	1.5	190

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12185464

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814202		25.7	67.9	<0.002	0.09	3.75	10.4	1	2.3	399	0.76	0.06	16.2	0.263	0.96	4.9
N814203		26.8	68.6	<0.002	0.07	5.19	10.1	1	2.1	244	0.74	<0.05	12.3	0.256	1.12	3.4
N814204		1.4	1.2	<0.002	0.01	0.12	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12185464

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814202		75	1.8	17.7	75	33.0
N814203		69	3.1	13.0	65	28.1
N814204		2	0.1	0.7	14	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 97

CERTIFICATE OF ANALYSIS WH12185464

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185465

Project: Klaza - 98

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

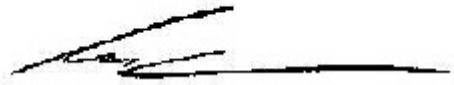
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12185465

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812546		4.10	0.043	2.08	6.76	325	3390	1.63	0.88	3.06	1.09	36.8	9.3	8	20.8	19.0
N812547		2.58	<0.005	0.11	7.52	59.6	3270	1.76	0.19	1.73	0.24	58.9	5.7	13	17.75	6.5
N812548		5.25	<0.005	0.13	7.21	55.2	2080	1.74	0.16	2.20	0.26	53.9	6.1	15	17.30	8.9
N812549		4.31	<0.005	0.11	6.89	25.1	2340	1.72	0.26	2.71	0.35	35.8	8.3	11	21.3	4.2
N812550		0.26	0.759	10.90	6.69	1845	270	1.55	6.83	1.92	42.7	42.5	18.0	19	17.00	112.5
N812551		4.06	<0.005	0.24	7.08	23.4	2140	1.84	0.55	2.63	0.34	39.2	8.5	12	15.45	6.6
N812552		1.99	0.064	1.38	6.97	188.0	1960	1.79	1.79	3.32	2.13	47.2	9.9	8	21.1	2.7
N812553		1.73	0.022	0.53	7.31	162.5	2170	2.03	2.34	3.16	0.61	41.4	9.6	9	17.90	3.0
N812554		2.49	<0.005	0.13	6.66	8.5	2320	1.60	0.84	2.96	0.10	36.9	8.3	11	12.30	2.7
N812555		5.17	<0.005	0.06	7.23	8.0	1720	1.57	2.46	3.58	0.16	37.1	8.0	10	12.10	2.2
N812556		4.88	<0.005	0.32	7.45	5.5	2250	1.71	2.04	2.55	0.15	46.1	8.3	11	8.71	20.2
N812557		3.74	<0.005	0.13	7.83	30.3	2650	2.19	0.76	3.53	0.37	42.6	10.4	11	14.15	2.5
N812558		1.65	0.024	0.74	8.10	324	1990	1.72	0.91	4.73	0.49	44.1	11.6	8	20.1	2.5
N812559		2.32	<0.005	0.03	0.09	<5	30	0.05	0.03	21.4	0.08	1.37	0.9	1	0.26	1.7
N812560		2.29	<0.005	0.12	7.92	59.1	2110	1.40	0.25	2.25	0.14	46.8	7.2	9	15.95	4.6
N812561		2.00	<0.005	0.11	6.82	45.8	2860	1.38	0.09	2.98	0.12	37.8	8.0	9	15.80	5.8
N812562		1.74	<0.005	0.09	6.98	36.6	2460	1.44	0.13	3.11	0.16	43.8	7.3	8	17.50	5.7
N812563		1.69	<0.005	0.08	6.48	63.1	1270	1.54	0.06	3.49	0.25	36.3	7.7	9	18.20	5.2
N812564		<0.02	<0.005	0.08	6.59	59.4	1090	1.52	0.06	3.40	0.29	41.4	7.5	9	18.30	5.0
N812565		0.68	<0.005	0.08	7.06	12.1	2120	1.46	0.08	3.05	0.08	38.6	8.4	9	13.50	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12185465

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812546		2.79	14.10	0.10	1.2	0.068	2.86	17.4	37.1	0.85	2740	0.82	0.01	7.0	3.1	590
N812547		2.63	18.55	0.11	3.7	0.033	1.51	29.3	135.5	0.72	798	1.32	0.03	10.4	4.7	1040
N812548		2.42	19.90	0.12	3.7	0.041	1.56	25.7	120.0	0.71	631	1.57	0.26	10.8	5.2	1020
N812549		3.10	15.55	0.10	1.3	0.058	2.42	17.4	25.7	0.77	957	1.21	1.65	7.5	2.8	600
N812550		5.36	15.60	0.09	1.3	0.932	2.87	22.3	27.0	0.72	2040	12.35	0.27	7.5	16.1	510
N812551		3.03	16.85	0.09	1.3	0.059	2.45	17.9	20.5	0.70	798	0.88	2.08	8.6	2.9	620
N812552		3.29	16.25	0.10	1.1	0.070	2.70	22.9	42.0	1.07	2920	0.44	0.47	7.6	2.9	610
N812553		3.49	16.10	0.09	1.4	0.088	2.31	18.8	43.2	0.98	2200	0.27	1.59	8.4	2.9	670
N812554		2.91	15.95	0.09	1.3	0.054	2.23	16.7	20.4	0.76	992	0.30	1.88	7.8	2.8	580
N812555		3.45	17.70	0.09	1.3	0.148	2.08	16.9	16.8	0.76	1170	0.42	2.09	7.8	2.7	600
N812556		3.05	15.95	0.12	1.4	0.054	2.55	22.5	15.1	0.84	815	0.68	2.44	8.1	2.7	600
N812557		3.53	18.55	0.12	1.6	0.050	2.81	19.7	29.1	0.95	1290	0.47	2.68	9.4	3.3	690
N812558		3.62	17.10	0.11	1.6	0.056	2.36	21.5	59.3	1.39	2040	0.30	0.54	9.1	3.4	720
N812559		0.47	0.29	0.08	<0.1	0.009	0.04	0.7	1.6	13.25	230	0.13	0.01	0.1	1.9	200
N812560		3.16	16.80	0.13	1.5	0.044	2.79	22.8	45.5	0.75	928	0.31	1.48	8.6	2.3	690
N812561		2.76	16.50	0.12	1.3	0.039	2.60	18.3	46.9	0.76	856	1.28	0.76	7.7	2.7	560
N812562		2.90	15.50	0.12	1.3	0.040	2.76	21.4	37.5	0.78	857	0.63	1.28	7.2	2.6	580
N812563		2.78	15.25	0.10	1.3	0.038	2.52	17.6	13.1	0.69	898	1.06	1.37	7.5	3.0	570
N812564		2.78	15.05	0.11	1.3	0.036	2.50	20.2	12.8	0.68	886	0.63	1.34	7.3	2.9	570
N812565		3.02	16.65	0.10	1.2	0.040	2.64	17.7	14.5	0.75	753	1.43	1.99	8.1	2.7	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12185465

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812546		86.3	111.0	<0.002	0.74	21.7	10.1	<1	1.6	209	0.63	<0.05	9.7	0.260	3.06	4.9
N812547		21.6	44.8	<0.002	0.11	15.95	5.4	1	1.6	422	0.84	<0.05	9.3	0.314	0.82	3.3
N812548		26.0	42.2	<0.002	0.06	16.00	5.4	1	1.7	456	0.80	<0.05	8.5	0.310	0.81	3.2
N812549		33.8	85.4	0.002	0.11	3.50	10.7	1	1.7	391	0.70	<0.05	10.2	0.264	1.27	3.5
N812550		1345	154.5	0.003	3.13	33.9	9.6	1	6.1	158.5	0.64	0.35	11.0	0.210	2.64	5.3
N812551		34.3	84.7	<0.002	0.07	2.79	11.4	<1	1.9	430	0.83	<0.05	10.2	0.274	1.17	4.5
N812552		131.0	125.5	0.003	0.83	13.35	12.1	1	1.8	223	0.60	<0.05	10.4	0.272	2.43	4.8
N812553		78.6	99.2	<0.002	0.23	8.80	11.6	<1	1.8	269	0.72	<0.05	9.9	0.292	1.92	3.8
N812554		17.8	66.0	0.002	0.03	3.26	10.1	<1	1.6	379	0.73	<0.05	9.2	0.261	1.09	3.2
N812555		25.4	60.8	<0.002	<0.01	5.05	10.4	<1	1.6	501	0.70	<0.05	9.7	0.267	0.86	3.7
N812556		22.4	87.0	<0.002	0.01	1.38	11.3	<1	1.7	406	0.78	<0.05	12.4	0.267	0.95	4.3
N812557		43.4	76.7	<0.002	0.09	4.84	12.3	<1	1.9	469	0.82	<0.05	10.4	0.312	1.53	4.4
N812558		42.6	65.3	<0.002	0.61	14.50	12.2	1	1.7	350	0.83	<0.05	10.8	0.317	2.90	5.4
N812559		1.6	1.7	<0.002	0.01	0.15	0.4	1	0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.03	0.8
N812560		20.0	94.7	<0.002	0.11	5.82	12.4	<1	1.8	314	0.76	<0.05	11.8	0.307	1.69	2.9
N812561		15.5	89.0	0.002	0.10	6.01	11.0	<1	1.5	275	0.63	<0.05	9.3	0.255	1.73	3.3
N812562		18.0	102.0	0.002	0.07	4.15	11.0	1	1.5	346	0.65	<0.05	10.1	0.255	1.67	3.6
N812563		21.9	95.7	<0.002	0.10	5.03	10.2	<1	1.6	237	0.66	<0.05	8.8	0.256	1.74	3.8
N812564		22.5	103.0	<0.002	0.10	4.98	10.2	<1	1.6	229	0.67	<0.05	10.7	0.253	1.76	4.2
N812565		20.6	82.9	0.002	0.03	2.15	11.1	<1	2.2	422	0.68	<0.05	9.2	0.282	1.16	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12185465

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N812546		71	4.2	11.3	151	30.1
N812547		52	2.2	8.7	130	136.5
N812548		51	1.7	8.4	137	133.5
N812549		75	2.0	12.9	78	31.1
N812550		59	5.7	11.2	3050	38.8
N812551		77	1.8	14.4	84	33.4
N812552		81	3.4	13.8	248	29.1
N812553		80	3.9	12.8	180	34.0
N812554		74	2.3	12.5	78	33.9
N812555		87	1.4	13.3	80	31.7
N812556		75	1.2	15.1	82	34.0
N812557		91	2.6	15.8	123	40.5
N812558		92	4.2	15.9	130	39.2
N812559		3	0.1	0.9	16	<0.5
N812560		84	3.0	14.4	84	35.9
N812561		74	2.6	12.4	66	32.7
N812562		72	2.7	13.6	63	31.4
N812563		67	2.3	12.1	70	31.9
N812564		65	2.3	12.9	72	32.8
N812565		80	2.2	13.8	55	32.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 98

CERTIFICATE OF ANALYSIS WH12185465

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185466

Project: Klaza - 99

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

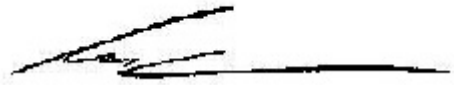
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12185466

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355096		1.94	<0.005	3.22	6.37	16.4	1390	1.46	0.06	1.86	0.90	34.4	7.3	8	20.6	28.0
M355097		3.89	<0.005	0.80	0.07	<5	20	<0.05	0.02	20.3	0.85	1.25	1.0	1	0.18	3.0
M355098		2.42	<0.005	1.02	6.70	5.0	2070	1.58	0.06	2.41	0.35	43.0	6.9	9	11.85	8.3
M355099		6.29	<0.005	0.86	6.76	4.0	1870	1.56	0.07	3.07	0.84	46.5	7.0	9	8.92	8.0
M355100		5.62	<0.005	0.40	7.25	3.4	1950	1.64	0.08	2.85	0.18	52.4	7.1	11	7.80	10.0
M355101		2.23	<0.005	0.17	7.33	8.8	1820	1.63	0.08	2.05	0.19	49.2	7.4	8	21.7	26.8
M355102		3.43	<0.005	0.19	7.14	4.6	1920	1.62	0.08	2.63	0.12	51.2	7.5	9	8.84	10.3
M355103		2.71	<0.005	0.17	6.90	6.1	1590	1.88	0.08	2.05	0.18	51.8	6.5	8	9.49	21.6
M355104		2.84	<0.005	0.14	7.09	2.7	1920	1.62	0.05	2.56	0.09	48.4	7.3	10	8.18	15.7
M355105		7.33	<0.005	0.40	6.95	5.3	1900	1.60	0.07	2.51	0.12	46.9	7.7	12	7.68	10.3
M355106		6.36	<0.005	0.11	7.19	3.1	1910	1.61	0.07	2.56	0.08	56.4	7.6	12	6.30	8.5
M355107		8.36	<0.005	0.15	7.06	3.2	1890	1.55	0.07	2.44	0.12	52.8	7.1	12	6.09	6.5
M355108		<0.02	<0.005	0.13	7.09	4.3	1950	1.50	0.07	2.44	0.09	56.8	7.2	12	6.21	7.3
M355109		7.09	<0.005	0.08	7.32	4.3	1970	1.51	0.08	2.42	0.10	56.8	7.9	11	7.79	7.3
M355110		5.20	<0.005	0.07	7.26	3.5	1910	1.52	0.08	2.40	0.07	54.3	6.9	10	8.51	7.1
M355111		3.96	<0.005	0.09	6.86	8.2	1750	1.31	0.08	1.84	0.11	33.9	8.1	10	16.45	13.1
M355112		4.68	<0.005	0.05	8.05	7.2	2650	1.29	0.10	0.74	0.11	46.4	7.1	8	16.10	7.0
M355113		1.77	<0.005	0.05	8.17	7.0	2010	1.31	0.13	0.67	0.09	52.0	7.3	9	17.10	7.4
M355114		6.46	<0.005	0.07	8.55	7.6	1800	1.35	0.20	0.61	0.09	57.8	7.5	9	17.10	12.9
M355115		5.11	<0.005	0.15	6.74	8.4	1670	1.25	0.22	2.53	0.13	38.0	8.2	8	17.15	15.9
M355116		7.04	<0.005	0.08	7.17	3.7	1980	1.50	0.16	2.65	0.08	46.9	8.2	9	14.15	13.7
M355117		0.26	0.798	9.89	6.46	1705	440	1.50	6.04	1.85	40.7	48.0	16.4	19	16.30	108.5
M355118		3.24	<0.005	0.10	7.46	4.5	1990	1.53	0.29	2.65	0.13	51.3	7.7	12	12.90	15.7
M355119		2.52	0.011	0.46	6.56	84.1	1990	1.27	0.62	2.82	2.31	39.5	8.3	7	13.00	16.0
M355120		4.11	<0.005	0.10	6.97	6.7	1820	1.23	0.54	2.11	0.14	38.5	7.0	8	20.8	10.2
M355121		7.37	<0.005	0.15	6.12	18.0	1540	1.41	0.49	3.53	0.12	36.6	7.6	8	22.1	12.3
M355122		2.05	<0.005	0.08	7.10	5.8	1880	1.59	0.14	2.85	0.06	51.7	10.1	9	14.10	10.5
M355123		2.70	<0.005	0.24	6.90	26.1	1470	1.45	0.14	2.77	0.17	51.0	7.8	7	27.6	12.9
M355124		2.74	0.096	0.71	6.96	52.0	1120	1.49	0.50	2.76	0.32	49.6	10.2	7	17.50	66.0
M355125		3.01	<0.005	0.01	0.10	5	20	0.06	0.03	20.8	0.06	1.59	1.0	1	0.46	2.8
M355126		2.88	<0.005	0.17	7.06	17.3	1500	1.79	0.19	2.90	0.16	48.3	7.8	9	24.8	24.8
M355127		0.26	0.808	9.60	6.56	1745	680	1.50	6.09	1.88	41.3	49.4	15.9	20	16.55	107.0
M355128		7.76	<0.005	0.08	7.20	6.5	1890	1.65	0.12	2.65	0.07	41.5	8.3	10	13.00	8.8
M355129		6.09	<0.005	0.11	7.36	4.0	2010	1.56	0.15	2.73	0.08	37.1	8.4	10	10.25	39.6
M355130		2.50	<0.005	0.06	6.41	8.8	1700	1.48	0.07	3.32	0.08	34.6	7.2	9	21.0	6.4
M355131		5.02	<0.005	0.07	7.06	3.8	1800	1.55	0.10	2.72	0.07	38.9	8.4	10	11.65	10.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12185466

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355096		2.72	17.35	0.12	1.8	0.050	2.47	16.8	40.8	0.23	693	3.25	0.23	9.3	2.9	520
M355097		0.46	0.20	0.07	<0.1	0.026	0.02	0.6	0.9	12.75	218	0.15	0.01	0.3	1.2	160
M355098		2.80	15.50	0.11	1.7	0.041	2.64	20.8	15.7	0.68	609	1.37	1.87	8.5	2.4	510
M355099		2.81	16.25	0.13	1.7	0.049	2.59	23.5	15.8	0.76	934	8.46	2.00	9.0	2.4	520
M355100		2.96	16.45	0.12	1.8	0.032	2.66	26.5	16.8	0.83	799	1.87	2.03	9.0	2.8	540
M355101		2.87	17.60	0.13	1.8	0.041	2.65	24.1	24.9	0.40	494	2.11	1.14	9.4	2.4	570
M355102		2.87	16.80	0.13	1.8	0.031	2.67	25.8	15.6	0.72	640	1.92	2.07	9.1	2.5	550
M355103		2.42	16.05	0.11	2.2	0.034	2.84	27.7	14.4	0.46	582	2.89	1.84	9.7	2.2	430
M355104		2.91	16.75	0.12	1.7	0.033	2.55	23.7	16.9	0.76	609	2.28	2.12	9.0	2.7	540
M355105		2.91	16.65	0.12	1.8	0.034	2.58	23.1	17.1	0.79	622	3.09	2.16	9.0	2.7	540
M355106		2.95	17.20	0.13	1.7	0.037	2.54	28.7	18.3	0.85	630	1.48	2.20	9.3	2.8	570
M355107		2.91	16.25	0.13	1.6	0.035	2.51	27.2	15.3	0.82	609	0.84	2.11	8.5	2.6	530
M355108		2.95	16.00	0.13	1.7	0.033	2.59	29.1	15.7	0.84	615	0.94	2.14	8.7	2.7	550
M355109		2.96	17.10	0.12	1.7	0.034	2.56	29.9	16.7	0.87	634	1.25	2.15	8.9	2.5	560
M355110		2.86	16.20	0.14	1.8	0.028	2.64	28.6	16.1	0.77	600	1.52	2.15	9.0	2.6	530
M355111		2.99	18.85	0.10	1.8	0.039	2.56	16.1	28.2	0.29	810	2.92	0.22	9.9	2.5	590
M355112		3.10	19.70	0.13	1.8	0.040	2.62	23.2	32.1	0.15	721	3.30	0.06	10.1	2.6	650
M355113		3.21	19.70	0.12	1.9	0.044	2.66	25.9	31.2	0.14	689	3.06	0.07	9.9	2.5	630
M355114		3.05	19.90	0.14	1.9	0.045	2.59	28.7	31.5	0.18	796	2.36	0.27	10.4	2.4	660
M355115		3.11	18.85	0.14	1.8	0.042	2.45	17.4	29.6	0.40	574	1.41	0.55	9.8	2.7	640
M355116		3.16	16.80	0.14	1.6	0.038	2.58	22.8	16.2	0.78	667	1.52	2.02	9.0	2.5	610
M355117		5.18	15.50	0.14	1.4	0.893	2.70	24.6	22.9	0.70	1920	13.00	0.25	8.0	14.8	480
M355118		3.03	17.40	0.14	1.6	0.035	2.55	26.2	11.8	0.76	638	1.71	2.12	9.0	3.7	580
M355119		2.83	17.25	0.12	1.3	0.082	2.67	19.1	19.4	0.62	1320	1.44	0.25	8.2	2.6	540
M355120		3.19	17.90	0.13	1.3	0.043	2.54	18.4	22.2	0.36	760	1.61	0.46	8.6	2.5	610
M355121		2.73	15.80	0.12	1.3	0.035	2.30	17.2	21.2	0.45	765	1.72	0.88	7.8	2.3	520
M355122		3.11	17.40	0.13	1.6	0.046	2.53	24.9	11.1	0.80	645	4.03	1.93	9.3	2.7	590
M355123		2.77	17.00	0.12	1.2	0.050	2.28	25.2	41.3	0.96	1030	2.68	0.17	8.7	2.4	710
M355124		3.05	16.30	0.13	1.1	0.155	2.81	26.3	26.4	1.02	1520	1.87	0.03	7.9	2.5	580
M355125		0.51	0.26	0.07	<0.1	0.005	0.05	0.8	1.1	13.00	224	0.30	<0.01	0.3	1.2	160
M355126		3.59	16.90	0.11	1.9	0.090	2.66	22.0	34.4	0.87	1090	1.60	1.19	10.1	2.8	650
M355127		5.25	15.40	0.15	1.4	0.898	2.75	25.5	23.4	0.71	1940	12.75	0.25	7.9	14.2	480
M355128		3.07	17.15	0.16	1.3	0.044	2.60	21.8	15.0	0.77	633	1.63	1.90	8.6	2.8	590
M355129		3.20	16.50	0.14	1.2	0.036	2.52	18.8	18.6	0.85	618	2.39	2.25	8.0	2.8	590
M355130		2.90	14.95	0.14	1.1	0.031	2.32	17.7	18.3	0.64	672	0.81	1.33	7.4	2.5	550
M355131		3.12	16.60	0.14	1.1	0.027	2.38	18.4	14.0	0.78	591	1.56	2.06	8.3	2.6	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12185466

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355096		295	114.5	<0.002	0.01	13.15	10.0	<1	4.0	78.3	0.83	<0.05	12.8	0.247	1.38	2.8
M355097		81.1	1.2	<0.002	<0.01	0.69	0.3	1	0.3	40.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355098		110.0	113.0	<0.002	0.01	1.76	10.2	1	1.6	321	0.78	<0.05	15.2	0.238	1.08	2.8
M355099		71.9	107.0	<0.002	0.01	1.55	10.4	1	1.6	335	0.81	<0.05	15.3	0.245	1.00	3.3
M355100		45.4	119.5	<0.002	<0.01	1.18	11.6	1	1.6	338	0.81	<0.05	18.1	0.257	0.95	2.6
M355101		23.4	124.0	<0.002	<0.01	5.52	11.8	1	3.1	204	0.83	<0.05	17.0	0.260	1.28	3.7
M355102		27.6	121.5	<0.002	0.01	1.30	11.6	1	1.6	334	0.82	<0.05	17.7	0.248	1.00	3.3
M355103		23.4	147.5	0.004	0.01	3.00	9.6	1	1.5	246	1.25	<0.05	21.6	0.201	1.13	4.0
M355104		22.3	114.0	<0.002	<0.01	0.55	11.2	1	1.5	350	0.79	<0.05	15.6	0.254	0.95	2.8
M355105		20.1	110.0	<0.002	0.01	0.77	10.9	1	1.7	352	0.82	<0.05	15.6	0.250	0.92	3.0
M355106		19.3	113.0	<0.002	<0.01	0.56	11.8	1	1.6	359	0.81	<0.05	18.3	0.259	0.87	3.5
M355107		18.4	112.0	<0.002	<0.01	0.60	11.3	1	1.5	365	0.75	<0.05	17.7	0.246	0.85	2.8
M355108		18.3	113.5	<0.002	<0.01	0.64	11.3	1	1.6	366	0.77	<0.05	18.3	0.251	0.86	2.9
M355109		17.2	124.0	<0.002	<0.01	0.84	11.8	1	1.6	367	0.76	<0.05	18.4	0.249	0.90	3.4
M355110		17.6	124.0	<0.002	<0.01	0.81	11.0	1	1.4	354	0.84	<0.05	19.0	0.243	0.93	3.3
M355111		16.6	114.0	<0.002	0.03	12.90	11.7	<1	1.7	101.0	0.89	<0.05	11.7	0.279	1.03	5.1
M355112		17.8	134.5	<0.002	0.02	31.6	13.0	1	1.6	70.5	0.88	<0.05	17.1	0.293	1.02	4.4
M355113		17.7	140.0	<0.002	0.01	29.5	13.3	1	1.6	69.0	0.89	<0.05	18.7	0.284	1.05	4.6
M355114		17.3	147.5	<0.002	<0.01	25.2	14.8	1	1.8	75.1	0.90	<0.05	21.3	0.311	1.06	4.8
M355115		19.0	91.7	<0.002	0.04	13.80	11.2	1	2.1	155.0	0.87	<0.05	11.9	0.277	0.99	3.1
M355116		15.8	108.5	<0.002	<0.01	2.48	12.7	1	1.6	358	0.75	<0.05	14.9	0.280	0.97	2.9
M355117		1300	172.5	<0.002	3.03	34.0	9.9	1	5.8	149.0	0.63	0.29	12.3	0.202	2.32	5.4
M355118		16.7	118.5	<0.002	0.01	1.64	12.3	1	1.6	379	0.76	<0.05	15.9	0.271	0.96	2.8
M355119		65.2	112.5	<0.002	0.30	20.9	10.6	1	1.6	118.0	0.65	<0.05	10.3	0.253	1.50	4.2
M355120		17.7	103.0	<0.002	0.01	29.3	10.7	1	1.7	118.0	0.70	<0.05	10.9	0.278	1.11	2.3
M355121		17.9	86.7	<0.002	0.04	13.20	10.1	1	1.4	214	0.63	<0.05	10.3	0.246	1.17	3.0
M355122		14.2	114.5	<0.002	0.02	2.06	13.8	1	2.1	363	0.79	<0.05	13.8	0.284	1.26	4.9
M355123		12.3	109.0	<0.002	0.19	19.50	13.6	1	2.1	158.0	0.67	<0.05	12.3	0.285	1.79	8.0
M355124		25.1	155.0	<0.002	0.57	19.60	12.6	1	3.5	108.5	0.61	<0.05	13.8	0.264	2.11	6.6
M355125		1.5	2.6	<0.002	<0.01	0.11	0.5	1	<0.2	41.4	<0.05	<0.05	0.2	0.005	0.02	0.8
M355126		16.8	126.0	<0.002	0.10	11.65	15.7	1	2.5	270	1.13	<0.05	14.2	0.307	1.63	7.6
M355127		1320	175.0	<0.002	3.06	34.5	9.6	1	6.0	151.5	0.64	0.33	12.8	0.206	2.34	5.6
M355128		15.4	91.9	0.002	0.01	2.57	10.6	<1	2.0	347	0.76	<0.05	12.7	0.266	1.14	3.4
M355129		14.9	82.3	0.007	0.01	0.93	10.3	1	1.9	420	0.64	<0.05	11.7	0.269	1.04	3.4
M355130		13.3	70.3	0.002	0.03	2.96	8.5	1	1.8	299	0.63	<0.05	10.2	0.250	1.14	4.0
M355131		14.1	83.7	0.003	<0.01	1.22	11.0	1	2.0	380	0.66	<0.05	11.7	0.281	1.05	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12185466

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M355096		70	5.0	13.0	121	54.8
M355097		2	0.1	0.8	88	0.5
M355098		65	2.1	15.2	70	46.7
M355099		67	3.2	16.9	115	49.4
M355100		70	3.1	18.2	57	52.6
M355101		73	3.7	15.4	58	54.0
M355102		69	3.0	17.9	51	50.4
M355103		54	1.9	18.0	49	57.4
M355104		71	2.9	16.5	47	49.1
M355105		69	6.5	16.3	50	49.0
M355106		73	2.1	17.7	47	49.9
M355107		67	2.2	16.7	50	47.6
M355108		69	2.4	16.8	47	49.3
M355109		70	2.3	18.0	46	48.8
M355110		67	3.0	17.3	44	51.1
M355111		81	6.1	14.1	51	51.1
M355112		81	9.8	16.6	55	53.1
M355113		79	8.7	17.0	56	54.8
M355114		85	7.9	18.1	53	54.7
M355115		81	5.0	14.7	54	52.4
M355116		81	6.3	17.1	50	44.7
M355117		57	5.4	11.6	2870	41.4
M355118		76	5.7	17.3	52	43.8
M355119		73	6.2	14.3	298	35.5
M355120		78	8.4	13.5	63	36.4
M355121		69	4.9	14.9	53	35.8
M355122		83	1.0	17.1	49	42.7
M355123		87	3.1	16.1	61	32.0
M355124		77	9.5	14.9	58	30.8
M355125		3	0.2	0.8	14	<0.5
M355126		105	4.6	19.0	63	42.8
M355127		58	5.4	11.6	2930	40.2
M355128		71	2.7	14.1	46	40.4
M355129		72	2.9	13.4	44	38.4
M355130		67	1.3	12.5	42	35.9
M355131		78	0.8	15.7	45	37.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12185466

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185467

Project: Klaza - 100

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

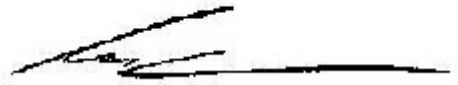
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185467

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811379		2.74	<0.005	0.29	7.08	25.5	820	1.35	0.60	2.59	0.38	41.8	2.5	10	9.68	16.9
N811380		2.60	<0.005	0.09	7.29	12.6	2200	1.56	0.09	2.77	0.16	38.1	6.9	13	5.45	3.9
N811381		0.26	2.34	25.9	5.72	3340	1410	1.39	18.00	2.14	76.5	44.1	11.6	18	14.20	402
N811382		2.85	<0.005	0.41	7.51	22.1	2260	1.65	0.29	2.74	0.90	42.1	9.3	13	7.98	6.7
N811383		2.64	0.080	5.93	7.21	349	590	1.71	2.27	1.35	36.2	42.5	15.2	9	11.95	39.2
N811384		3.39	<0.005	0.17	7.43	25.6	2050	1.52	0.52	2.46	1.34	37.0	10.5	10	15.95	7.3
N811385		2.21	<0.005	0.22	7.42	25.5	2300	1.68	0.12	2.95	0.44	36.8	7.3	11	15.55	4.6
N811386		1.42	<0.005	0.07	7.17	14.9	2390	1.67	0.10	2.75	0.25	39.8	7.2	11	15.05	7.0
N811387		6.07	<0.005	0.06	7.36	6.3	2080	1.56	0.08	2.86	0.11	40.9	7.7	11	10.45	5.6
N811388		1.73	0.007	0.83	6.85	14.6	1750	1.51	0.60	3.27	0.23	39.9	11.8	8	14.20	17.1
N811389		2.53	<0.005	0.36	7.11	20.4	1870	1.62	0.51	2.83	0.39	41.0	8.2	9	15.40	10.8
N811390		2.37	0.103	2.34	6.83	1120	1360	1.65	0.46	2.78	8.17	41.5	10.8	8	18.95	15.2
N811391		3.47	<0.005	0.12	0.25	5	50	0.21	0.04	21.7	0.09	1.54	1.2	7	0.56	2.5
N811392		3.74	<0.005	0.15	7.73	9.0	2320	1.85	0.08	2.49	0.09	34.5	7.2	10	13.35	6.5
N811393		1.94	<0.005	0.15	8.21	16.9	1670	1.46	0.16	1.70	0.10	54.6	8.3	10	21.6	3.4
N811394		1.89	<0.005	0.08	7.68	6.2	2180	1.72	0.08	2.61	0.07	37.5	8.3	10	9.54	4.7
N811395		3.02	<0.005	0.58	8.56	12.4	2130	1.48	0.30	1.13	0.96	49.6	8.8	10	13.40	23.3
N811396		3.17	<0.005	0.38	6.55	24.0	1820	1.42	0.42	2.24	0.95	37.4	8.4	9	11.55	8.3
N811397		2.60	0.014	0.45	6.76	35.5	870	1.55	0.19	2.44	0.18	38.6	5.9	8	16.00	4.8
N811398		3.32	0.015	0.25	7.22	14.4	1860	1.57	0.24	3.01	0.60	39.6	6.3	10	11.85	9.4
N811399		0.26	3.51	>100	5.47	8310	1150	1.23	58.5	1.96	224	36.0	9.8	18	11.35	1235
N811400		5.02	0.010	0.56	7.04	18.7	1380	1.55	0.99	2.99	0.27	34.6	8.5	9	8.42	2.5
N811401		2.85	0.021	0.79	7.30	54.5	1890	1.69	1.97	3.24	0.24	37.3	15.4	10	11.10	9.6
N811402		2.30	0.049	2.66	6.24	96.2	1220	1.49	2.17	6.06	19.05	45.1	15.3	7	10.30	41.7
N811403		1.56	0.077	1.46	6.07	31.2	980	1.56	2.54	3.77	0.19	41.7	16.5	8	11.10	12.8
N811404		1.97	0.063	0.82	6.95	45.4	1230	1.74	1.32	2.69	0.21	43.1	12.4	9	11.85	15.8
N811405		2.67	0.392	5.44	5.64	121.5	660	1.14	6.52	1.72	0.71	89.6	112.0	9	5.95	60.1
N811406		3.29	<0.005	0.14	0.08	<5	30	<0.05	0.05	21.2	0.06	1.35	0.8	1	0.14	3.1
N811407		2.75	0.027	0.53	7.48	35.8	1200	1.71	0.77	1.65	0.22	49.8	4.6	9	11.85	20.4
N811408		3.71	0.021	0.41	7.27	32.1	970	1.40	0.93	1.97	0.21	35.4	6.4	9	8.14	21.7
N811409		4.25	<0.005	0.22	7.20	15.1	1380	1.58	0.32	2.50	0.09	37.3	5.9	10	8.51	9.9
N811410		<0.02	0.005	0.20	7.26	15.3	1420	1.60	0.35	2.56	0.10	37.5	6.0	9	8.26	9.8
N811411		7.90	0.008	0.28	7.92	8.5	2330	1.55	0.48	2.71	0.08	46.7	10.1	13	7.03	13.5
N811412		2.82	<0.005	0.07	8.08	4.7	2380	1.61	0.07	2.83	0.08	49.9	7.6	11	6.68	4.8
N811413		4.54	0.006	0.28	7.58	7.2	2100	1.56	0.42	2.68	0.29	47.6	9.9	12	4.83	6.9
N811414		5.85	<0.005	0.09	7.87	5.6	2300	1.53	0.19	2.83	0.09	47.0	8.4	10	7.46	7.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811379		3.17	15.05	0.13	0.8	0.103	1.62	20.4	8.4	0.52	952	0.50	2.75	7.6	3.0	650
N811380		2.96	16.00	0.14	0.8	0.030	2.67	20.1	8.1	0.82	583	0.86	2.31	7.9	2.8	600
N811381		6.54	14.85	0.14	0.7	1.680	2.55	23.6	22.4	0.88	1800	13.10	0.03	6.1	15.5	430
N811382		3.35	18.10	0.14	1.2	0.058	2.79	20.5	12.9	0.75	798	1.40	1.70	9.4	3.8	700
N811383		5.32	15.45	0.16	0.9	0.405	3.00	22.6	17.4	0.37	2160	4.72	0.06	7.4	3.1	670
N811384		3.16	16.10	0.13	0.8	0.043	2.82	19.5	15.2	0.53	702	2.68	1.28	7.8	2.8	640
N811385		3.17	16.65	0.14	0.7	0.039	2.64	18.3	9.7	0.60	607	1.83	2.16	7.9	2.7	630
N811386		2.95	17.15	0.15	0.8	0.035	2.62	18.6	9.3	0.61	551	3.21	2.13	8.2	3.0	610
N811387		3.02	16.60	0.16	0.8	0.028	2.54	21.1	9.0	0.73	703	2.01	2.26	8.0	2.8	590
N811388		3.06	15.95	0.13	0.8	0.043	2.52	19.1	16.9	0.61	747	1.94	1.09	8.0	3.6	590
N811389		2.95	15.95	0.15	0.9	0.078	2.58	20.0	11.4	0.63	750	0.79	1.60	8.2	2.9	600
N811390		3.94	15.75	0.14	0.6	0.169	3.13	22.6	10.5	0.76	5070	4.21	0.09	7.4	3.0	580
N811391		0.49	0.51	0.11	<0.1	<0.005	0.11	0.8	2.1	13.20	228	0.40	0.01	0.2	3.2	200
N811392		3.44	16.15	0.13	0.7	0.031	2.83	16.5	13.3	0.70	446	0.92	1.88	7.6	2.8	650
N811393		2.42	17.70	0.16	0.8	0.050	2.22	28.0	25.5	0.61	401	0.72	1.65	8.1	2.7	670
N811394		3.63	16.90	0.13	0.8	0.035	2.76	18.8	12.4	0.82	503	1.14	2.18	8.4	3.2	650
N811395		3.39	17.30	0.16	0.9	0.046	3.09	26.6	25.8	0.60	959	1.12	0.16	8.8	2.9	700
N811396		2.94	15.95	0.13	0.7	0.066	2.64	19.7	26.4	0.59	1700	1.58	0.06	7.7	2.7	580
N811397		2.65	16.10	0.14	0.7	0.049	2.20	19.2	30.4	0.77	1300	324	0.05	8.6	2.6	610
N811398		2.62	16.60	0.14	0.7	0.054	2.40	17.7	13.7	0.66	810	2.17	1.79	8.2	2.8	640
N811399		8.28	13.60	0.15	0.8	4.55	2.34	19.0	30.5	0.63	3040	15.40	0.07	5.8	13.7	450
N811400		2.58	15.45	0.14	0.7	0.058	1.78	16.5	10.1	0.73	579	2.25	2.24	7.8	2.5	620
N811401		3.06	16.10	0.14	0.8	0.055	2.97	19.0	8.5	0.75	1380	3.29	1.56	7.6	2.7	630
N811402		2.57	15.00	0.13	0.7	0.107	1.86	23.5	12.6	0.51	2070	2.65	1.22	7.6	2.4	540
N811403		2.79	14.55	0.15	0.7	0.074	1.30	21.4	21.1	0.59	657	3.05	1.01	6.9	2.8	520
N811404		3.22	17.15	0.16	0.8	0.077	1.83	22.7	20.5	0.41	568	1.97	1.29	8.9	2.9	620
N811405		6.19	17.90	0.18	0.6	0.107	1.45	58.2	18.4	0.80	853	2.01	0.58	5.4	3.7	490
N811406		0.48	0.22	0.10	<0.1	<0.005	0.02	0.7	0.9	12.90	208	0.19	0.01	0.2	1.1	180
N811407		2.35	16.20	0.17	0.7	0.072	2.13	27.6	24.8	0.67	1060	0.90	0.79	8.0	2.5	620
N811408		2.64	16.10	0.13	0.8	0.051	1.43	16.7	20.2	0.56	678	1.31	1.73	8.0	2.2	650
N811409		2.66	16.15	0.14	0.9	0.045	1.81	17.3	13.4	0.63	557	1.49	2.48	8.4	2.5	650
N811410		2.70	16.60	0.14	0.9	0.043	1.85	17.7	13.4	0.65	563	1.55	2.53	8.4	2.4	660
N811411		3.20	17.80	0.12	1.1	0.044	2.68	21.9	12.7	0.85	700	1.96	2.19	8.9	3.9	640
N811412		3.12	18.25	0.15	1.0	0.034	2.68	23.8	13.5	0.90	707	1.41	2.31	8.7	3.4	620
N811413		2.99	17.70	0.14	1.2	0.049	2.64	22.2	11.7	0.81	751	1.79	2.17	8.8	3.3	600
N811414		3.22	17.75	0.14	1.2	0.039	2.69	21.9	15.4	0.92	818	1.40	2.17	8.7	3.0	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811379		20.9	75.7	0.004	0.27	3.32	9.6	<1	4.1	156.5	0.59	<0.05	10.4	0.272	1.21	3.0
N811380		18.3	76.8	0.003	0.03	0.96	9.7	1	1.7	386	0.62	<0.05	12.0	0.267	0.92	2.9
N811381		2670	150.0	0.003	4.80	91.6	8.2	1	8.0	93.2	0.46	0.45	10.5	0.176	2.27	4.9
N811382		24.1	92.9	0.004	0.05	3.51	11.4	<1	2.2	329	0.65	<0.05	11.1	0.300	1.25	2.3
N811383		1090	150.5	0.005	2.71	18.20	9.9	1	4.8	53.7	0.51	0.24	12.4	0.262	2.23	3.6
N811384		22.0	86.2	0.004	0.15	7.25	9.5	<1	2.3	244	0.59	<0.05	10.9	0.275	1.30	1.9
N811385		27.1	79.8	0.004	0.08	2.54	9.8	1	2.0	378	0.57	<0.05	10.5	0.274	1.13	2.2
N811386		15.9	81.3	0.003	0.04	2.41	10.1	1	1.9	375	0.58	<0.05	10.2	0.271	1.08	2.0
N811387		17.9	80.7	0.002	0.02	1.54	9.7	1	1.5	401	0.58	<0.05	10.8	0.264	0.93	2.7
N811388		21.2	80.1	0.003	0.20	6.31	9.5	1	2.8	257	0.65	0.06	10.3	0.256	1.13	2.3
N811389		20.3	93.7	0.002	0.18	2.88	9.4	<1	2.0	288	0.69	<0.05	10.7	0.262	1.42	2.2
N811390		529	130.5	0.003	1.51	13.25	9.5	<1	2.7	74.6	0.52	<0.05	11.6	0.251	2.69	3.2
N811391		3.1	4.4	0.006	0.01	0.08	0.5	<1	0.2	45.3	<0.05	<0.05	0.2	0.010	0.02	0.6
N811392		16.8	78.3	0.003	0.04	2.46	9.4	1	1.9	334	0.56	<0.05	10.5	0.283	1.01	2.7
N811393		12.0	89.4	0.006	0.20	5.88	10.3	1	3.1	168.5	0.54	<0.05	13.3	0.288	1.56	4.3
N811394		15.1	81.8	0.002	0.02	2.60	10.5	1	1.7	372	0.56	<0.05	11.2	0.292	0.94	1.7
N811395		74.6	127.5	0.003	0.16	18.50	11.6	1	2.6	86.4	0.65	<0.05	14.2	0.298	1.44	2.4
N811396		25.4	101.5	<0.002	0.37	16.80	9.2	<1	2.5	83.1	0.55	<0.05	9.8	0.248	1.71	2.9
N811397		22.6	72.7	0.017	0.22	14.35	10.2	1	2.8	70.7	0.56	<0.05	10.7	0.257	1.69	2.7
N811398		72.5	80.0	<0.002	0.13	4.55	10.3	1	3.9	300	0.59	<0.05	10.5	0.275	1.19	2.3
N811399		9470	137.0	0.003	7.29	217	7.4	1	9.4	125.0	0.42	0.49	9.0	0.189	2.15	5.0
N811400		20.6	60.9	0.005	0.17	5.02	9.3	1	3.6	313	0.61	0.28	10.1	0.262	1.04	2.6
N811401		54.3	94.6	0.003	0.42	5.22	9.2	1	1.9	321	0.58	0.62	10.2	0.272	1.75	3.8
N811402		604	86.7	0.002	0.98	11.75	8.5	1	4.0	159.0	0.57	0.72	11.3	0.239	1.61	10.0
N811403		14.4	56.1	0.005	0.91	24.4	8.4	1	4.2	150.0	0.53	0.95	10.4	0.221	0.97	2.5
N811404		19.7	60.4	0.004	0.47	9.23	9.9	1	4.3	181.0	0.65	0.22	11.0	0.278	0.96	4.9
N811405		92.9	79.1	0.004	4.18	22.9	8.7	1	5.4	98.6	0.48	2.29	9.5	0.187	1.20	4.5
N811406		2.0	1.1	0.003	0.01	0.13	0.2	<1	0.2	45.7	<0.05	<0.05	0.2	<0.005	<0.02	0.8
N811407		13.7	91.9	0.004	0.36	20.4	10.2	1	4.4	65.2	0.63	0.05	11.8	0.265	1.80	9.9
N811408		15.0	49.4	0.003	0.34	10.35	9.8	1	4.6	137.0	0.71	<0.05	11.2	0.274	1.00	3.6
N811409		13.5	61.8	0.004	0.13	3.72	10.0	1	3.6	292	0.67	<0.05	10.9	0.267	0.81	2.6
N811410		14.0	57.4	0.002	0.13	3.91	10.1	1	3.6	299	0.68	<0.05	11.1	0.276	0.77	2.4
N811411		17.5	98.4	<0.002	0.16	1.44	11.9	1	1.5	411	0.67	0.11	11.6	0.269	0.97	3.2
N811412		15.8	103.0	<0.002	0.02	1.09	12.1	1	1.3	418	0.64	<0.05	11.9	0.265	0.90	3.4
N811413		17.7	99.4	<0.002	0.12	1.13	11.4	1	1.5	375	0.67	0.11	12.6	0.251	1.01	4.5
N811414		16.2	99.6	<0.002	0.05	1.18	12.0	1	1.6	406	0.60	<0.05	12.3	0.269	1.01	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811379		68	1.9	11.8	101	22.5		
N811380		71	0.8	13.5	41	23.5		
N811381		54	5.2	9.3	5170	26.6		
N811382		82	1.7	15.0	159	47.1		
N811383		71	7.0	10.6	2550	32.2		
N811384		72	2.0	12.0	255	23.8		
N811385		75	0.9	13.1	139	24.2		
N811386		72	0.8	13.3	87	24.8		
N811387		70	0.7	13.5	44	25.0		
N811388		70	2.6	14.1	60	24.5		
N811389		68	1.5	13.3	120	24.7		
N811390		67	3.3	12.4	806	22.9		
N811391		5	0.1	0.9	16	0.6		
N811392		76	1.8	10.7	43	23.1		
N811393		73	2.1	12.4	36	26.5		
N811394		77	1.3	12.7	36	25.2		
N811395		78	8.0	15.1	143	28.2		
N811396		66	6.2	12.6	131	23.8		
N811397		69	16.6	13.1	61	24.3		
N811398		74	2.4	13.6	109	24.6		
N811399		53	4.6	8.9	>10000	34.1	119	1.565
N811400		67	1.8	11.9	48	23.4		
N811401		72	1.8	12.0	59	24.6		
N811402		61	2.3	17.4	1940	25.3		
N811403		59	3.8	12.7	48	24.9		
N811404		74	6.3	12.9	55	26.2		
N811405		68	2.0	9.2	98	19.3		
N811406		1	0.1	0.7	15	<0.5		
N811407		66	1.8	12.6	53	25.5		
N811408		68	1.8	10.5	44	25.3		
N811409		70	1.5	12.4	37	27.7		
N811410		71	1.6	12.3	38	27.7		
N811411		73	0.8	16.8	39	25.5		
N811412		71	0.7	17.3	37	25.5		
N811413		69	1.1	16.7	65	28.0		
N811414		75	1.6	17.4	46	28.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185467

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185468

Project: Klaza - 100

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

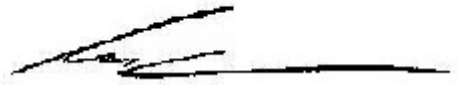
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185468

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811415		3.25	0.005	0.16	7.67	11.8	1970	1.62	0.28	2.74	0.12	41.2	7.8	9	8.52	5.2
N811416		7.02	<0.005	0.08	8.00	5.1	2230	1.87	0.18	2.78	0.10	50.7	8.6	10	6.79	5.7
N811417		5.34	0.007	0.50	8.02	8.8	2160	1.45	1.15	2.70	0.11	45.4	13.4	22	5.58	7.6
N811418		2.47	0.008	0.58	7.91	9.3	2140	1.45	1.42	2.70	0.10	47.0	14.5	9	5.68	8.6
N811419		3.88	<0.005	0.13	7.95	8.6	2210	1.59	0.16	2.75	0.11	54.3	7.9	8	9.66	15.9
N811420		2.46	<0.005	0.14	7.54	15.7	1780	1.62	0.14	3.16	0.16	44.9	7.7	9	10.65	6.5
N811421		5.90	<0.005	0.11	7.73	8.2	2080	1.62	0.17	2.65	0.10	45.6	8.3	9	9.27	9.8
N811422		2.66	0.006	0.32	7.79	30.3	1630	1.50	0.37	2.58	0.35	42.9	7.0	9	17.00	15.6
N811423		2.45	<0.005	0.13	7.82	11.8	1830	1.53	0.18	2.66	0.10	42.2	7.6	8	9.93	8.7
N811424		5.39	<0.005	0.13	7.64	8.3	1830	1.56	0.26	2.66	0.11	51.7	6.9	9	7.99	6.6
N811425		0.26	4.59	>100	5.37	8080	260	1.10	58.0	1.85	217	32.1	8.6	17	10.20	1250
N811426		2.64	0.006	0.53	7.25	32.4	1150	1.49	0.47	2.77	0.33	46.0	5.4	8	12.50	25.5
N811427		2.67	0.016	0.94	7.62	46.9	860	1.60	0.82	2.62	0.79	48.9	5.3	7	9.12	59.8
N811428		3.31	0.034	2.49	7.44	92.7	1270	1.49	2.31	2.50	1.68	49.4	11.8	7	8.66	104.5
N811429		3.39	0.026	0.61	7.73	38.1	1170	1.49	0.55	2.39	0.97	62.3	5.6	8	9.72	6.8
N811430		3.76	0.303	12.85	5.24	275	1420	1.04	7.74	1.24	40.5	45.0	24.9	6	12.30	63.0
N811431		4.26	<0.005	0.04	0.12	<5	30	0.08	0.03	20.1	0.10	1.16	1.5	3	0.96	6.9
N811432		4.63	0.005	0.47	7.93	25.9	800	1.49	0.75	2.55	0.19	40.7	3.8	8	12.10	4.7
N811433		2.25	0.011	0.92	7.36	35.1	720	1.62	1.10	3.21	0.79	69.5	3.5	7	8.54	26.5
N811434		3.93	0.119	11.60	6.93	144.0	810	1.59	2.77	2.61	16.25	52.2	6.5	7	18.25	44.9
N811435		3.78	0.053	1.39	7.11	34.3	1230	1.33	0.51	2.24	5.66	39.7	5.8	7	14.00	25.2
N811436		7.32	<0.005	0.16	7.55	9.8	2050	1.83	0.15	2.50	0.12	46.2	7.3	9	11.05	11.4
N811437		0.26	2.24	26.0	6.05	3520	1080	1.30	19.25	2.15	76.2	44.8	10.2	19	13.80	440
N811438		3.33	<0.005	0.23	7.52	12.9	2180	1.81	0.21	3.07	1.27	49.3	8.0	8	12.05	10.1
N811439		4.98	0.020	2.73	7.59	56.6	2640	1.48	0.43	2.85	2.17	52.9	6.4	8	16.45	136.0
N811440		3.21	<0.005	0.01	0.08	6	30	<0.05	0.03	20.5	0.06	1.09	1.3	1	0.15	1.9
N811441		2.12	<0.005	0.54	7.22	24.6	1310	1.65	0.64	2.58	0.53	34.9	4.9	9	14.75	34.6
N811442		5.08	<0.005	0.11	7.65	7.0	2160	1.43	0.14	2.55	0.10	48.6	6.5	12	9.33	5.8
N811443		2.34	<0.005	0.21	7.41	18.3	1520	1.54	0.26	2.70	0.16	50.4	7.9	9	10.55	6.0
N811444		6.94	<0.005	0.11	7.58	4.8	2050	1.58	0.10	2.64	0.08	48.9	7.0	11	10.30	12.5
N811445		<0.02	<0.005	0.09	7.87	5.0	2130	1.61	0.10	2.75	0.08	54.4	6.9	14	10.45	12.6
N811446		7.36	<0.005	0.09	7.49	4.9	2130	1.58	0.08	2.66	0.08	46.6	7.0	11	7.62	8.4
N811447		4.25	<0.005	0.27	7.06	44.9	2000	1.56	0.09	2.58	1.20	52.8	7.4	9	6.71	9.2
N811448		3.07	0.055	3.60	7.13	556	2010	1.58	0.70	2.52	13.60	41.7	10.6	9	7.98	42.0
N811449		7.76	<0.005	0.24	7.07	9.1	2060	1.61	0.10	2.66	0.53	44.8	7.7	11	7.91	10.9
N811450		5.58	<0.005	0.18	7.03	5.5	2220	1.53	0.08	2.50	0.10	43.0	7.5	9	8.35	12.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185468

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811415		2.72	17.80	0.13	1.2	0.044	2.72	18.8	14.4	0.77	887	0.97	1.78	8.9	2.9	580
N811416		3.14	18.55	0.15	1.1	0.038	2.56	23.6	15.3	0.90	723	1.30	2.28	9.9	3.2	650
N811417		2.94	17.90	0.13	0.9	0.048	2.53	21.6	10.4	0.84	621	1.09	2.36	8.3	3.1	630
N811418		2.95	18.40	0.13	0.9	0.048	2.54	22.0	10.4	0.83	635	0.91	2.38	8.6	3.1	640
N811419		3.04	18.20	0.17	0.9	0.048	2.61	26.1	15.1	0.88	829	0.97	1.90	8.7	3.0	680
N811420		2.78	17.25	0.10	0.8	0.047	2.59	21.0	19.7	0.92	1060	0.83	1.79	8.0	2.7	620
N811421		2.88	17.90	0.14	0.9	0.047	2.45	21.1	12.5	0.78	589	0.98	2.06	8.6	3.0	630
N811422		2.46	18.90	0.12	0.9	0.060	2.43	19.8	69.7	0.69	883	1.00	0.36	8.8	2.9	680
N811423		2.50	18.75	0.13	0.9	0.053	2.31	19.5	26.4	0.63	504	1.26	1.81	8.8	2.9	640
N811424		2.64	18.55	0.16	0.9	0.054	2.14	24.4	10.8	0.73	490	2.19	2.62	8.7	3.4	620
N811425		7.84	13.70	0.16	1.0	4.34	2.21	15.0	30.6	0.59	2950	15.30	0.08	5.7	14.2	440
N811426		2.55	17.75	0.10	0.8	0.094	2.04	21.0	143.0	0.65	1100	1.34	0.87	8.4	2.7	640
N811427		2.53	18.90	0.15	0.8	0.195	2.08	22.0	73.3	0.85	1300	1.08	1.52	8.3	2.4	630
N811428		3.76	18.95	0.15	0.8	0.262	2.90	24.3	153.0	1.01	1930	1.43	0.17	6.9	3.3	600
N811429		2.75	18.50	0.15	0.8	0.134	2.31	30.6	242	0.92	1840	1.34	0.06	8.1	2.3	670
N811430		7.05	13.40	0.16	0.6	0.356	1.89	23.5	76.8	0.55	1340	0.69	0.05	5.5	3.1	370
N811431		0.47	0.40	0.05	<0.1	0.005	0.06	0.5	1.9	12.35	213	0.15	0.01	0.3	2.8	160
N811432		2.69	18.90	0.09	1.0	0.099	1.63	19.1	58.7	0.63	862	0.50	0.32	9.3	2.5	630
N811433		3.32	18.00	0.13	1.4	0.307	1.95	37.4	101.0	0.93	1760	0.44	0.31	11.4	2.3	550
N811434		4.55	16.65	0.12	1.0	0.370	2.65	27.3	20.9	0.80	2920	0.91	0.05	8.0	2.7	540
N811435		2.67	17.65	0.10	1.2	0.093	2.36	17.8	33.4	0.57	1120	1.49	0.11	8.7	2.2	570
N811436		2.92	18.00	0.13	1.3	0.044	2.55	20.6	14.1	0.71	739	1.75	1.97	9.7	2.7	610
N811437		6.56	15.35	0.16	0.9	1.670	2.59	22.4	24.1	0.88	1850	14.15	0.04	6.3	16.1	440
N811438		2.92	17.15	0.13	0.9	0.054	2.53	23.1	15.1	0.68	877	2.98	1.72	8.5	2.8	600
N811439		3.08	16.60	0.12	0.8	0.075	2.53	26.9	40.0	0.99	1690	1.36	0.15	7.7	2.7	580
N811440		0.48	0.24	0.05	<0.1	<0.005	0.02	0.5	1.1	12.50	204	0.11	0.01	0.3	1.9	200
N811441		2.78	17.15	0.08	0.8	0.078	1.98	15.5	23.9	0.54	1080	1.19	1.55	8.5	2.5	600
N811442		2.76	17.20	0.12	0.8	0.040	2.52	23.3	10.7	0.74	503	6.29	2.28	8.0	2.8	600
N811443		2.80	16.65	0.12	0.9	0.077	2.27	24.1	11.2	0.69	948	2.39	1.98	7.7	2.6	570
N811444		2.84	17.55	0.13	1.0	0.039	2.52	22.4	12.5	0.71	559	1.12	2.39	8.3	2.8	610
N811445		3.00	18.00	0.14	1.0	0.040	2.54	25.4	12.6	0.75	590	0.97	2.45	8.5	3.1	640
N811446		2.85	17.50	0.12	0.9	0.036	2.46	21.3	14.1	0.78	571	1.11	2.31	8.2	2.8	600
N811447		2.99	16.50	0.13	0.9	0.057	2.59	27.2	12.0	0.78	866	1.55	2.04	8.1	2.8	600
N811448		3.62	16.80	0.11	0.9	0.216	2.62	20.3	10.4	0.75	958	1.20	1.77	7.9	2.6	600
N811449		2.99	16.90	0.12	1.0	0.050	2.59	20.6	12.0	0.76	621	1.22	2.25	8.5	2.7	610
N811450		2.86	16.50	0.12	0.9	0.031	2.53	21.3	14.0	0.76	539	1.36	2.30	8.0	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185468

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811415		19.3	112.5	<0.002	0.20	2.06	11.5	1	1.6	327	0.66	<0.05	11.2	0.253	1.32	5.5
N811416		16.4	106.5	<0.002	0.03	1.41	12.8	2	1.6	411	0.83	<0.05	11.7	0.275	0.96	3.8
N811417		20.0	99.8	<0.002	0.35	1.36	12.2	1	1.5	400	0.59	0.09	10.7	0.266	0.97	3.3
N811418		22.0	99.1	<0.002	0.39	1.34	12.1	1	1.5	396	0.62	0.11	10.9	0.270	1.02	3.2
N811419		16.2	105.0	<0.002	0.10	2.50	13.2	2	2.0	337	0.60	<0.05	11.5	0.274	1.09	4.2
N811420		18.6	108.5	<0.002	0.26	2.60	11.6	1	1.8	326	0.53	<0.05	10.4	0.258	1.36	3.7
N811421		15.8	89.4	<0.002	0.09	2.76	12.2	2	2.0	369	0.61	<0.05	10.8	0.265	0.92	3.3
N811422		24.2	95.7	<0.002	0.35	15.40	12.6	2	2.6	116.5	0.62	0.06	10.2	0.277	1.77	4.6
N811423		15.6	89.5	<0.002	0.12	3.67	12.3	2	2.7	317	0.61	<0.05	10.6	0.268	1.10	4.8
N811424		15.3	82.8	0.002	0.02	2.02	12.6	1	3.6	380	0.61	0.06	11.1	0.261	0.87	3.0
N811425		9130	127.0	<0.002	7.11	213	7.7	2	8.0	119.5	0.41	0.44	7.8	0.178	2.15	4.8
N811426		22.1	83.6	<0.002	0.29	10.75	12.0	1	3.3	158.5	0.60	<0.05	9.7	0.266	1.66	8.3
N811427		43.1	99.6	<0.002	0.32	13.65	12.2	1	6.0	132.0	0.59	0.10	9.9	0.267	1.98	5.9
N811428		288	151.0	<0.002	1.30	17.20	10.3	1	5.1	59.3	0.48	0.13	9.3	0.221	3.04	6.0
N811429		126.5	135.5	<0.002	0.41	8.97	13.2	2	5.1	75.9	0.54	0.09	11.2	0.257	2.17	4.8
N811430		1935	111.0	0.002	6.17	26.2	8.4	2	4.6	41.8	0.49	2.21	7.6	0.156	1.67	3.3
N811431		3.2	3.8	<0.002	0.02	0.06	0.6	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N811432		32.8	77.8	<0.002	0.19	11.60	12.2	1	4.1	86.2	0.74	<0.05	11.4	0.280	1.39	4.3
N811433		97.7	107.0	<0.002	0.61	12.80	10.8	1	4.4	106.0	1.40	0.09	15.2	0.237	1.94	5.4
N811434		622	164.0	<0.002	2.27	15.00	10.2	1	4.1	72.8	0.71	0.22	11.8	0.220	2.63	3.3
N811435		76.5	98.3	<0.002	0.37	16.15	10.3	1	2.2	94.8	0.71	0.06	10.5	0.240	1.57	2.8
N811436		17.3	104.0	<0.002	0.08	2.97	11.5	1	1.7	353	0.92	<0.05	10.9	0.259	1.13	4.0
N811437		2760	156.0	0.002	4.93	86.6	8.4	2	7.7	92.2	0.47	0.37	9.9	0.180	2.38	5.1
N811438		31.2	104.0	<0.002	0.13	4.20	11.1	1	1.8	325	0.67	<0.05	10.0	0.254	1.09	3.7
N811439		105.0	122.0	<0.002	0.63	16.40	11.2	1	1.8	113.5	0.55	<0.05	11.2	0.245	1.88	5.3
N811440		1.6	1.2	<0.002	0.04	0.06	0.3	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811441		36.9	79.6	<0.002	0.36	7.20	10.9	1	2.2	257	0.60	<0.05	9.1	0.258	1.18	3.9
N811442		15.0	93.4	<0.002	0.07	1.44	10.7	1	1.5	408	0.58	<0.05	11.1	0.253	0.94	2.9
N811443		21.5	103.5	<0.002	0.23	3.44	10.1	1	2.9	269	0.57	<0.05	11.7	0.236	1.12	4.8
N811444		14.2	86.6	<0.002	0.02	1.46	10.8	1	1.6	410	0.63	<0.05	10.8	0.263	0.87	3.1
N811445		14.6	91.0	<0.002	0.02	1.48	11.6	1	1.6	420	0.65	<0.05	11.8	0.266	0.89	3.2
N811446		14.8	84.3	<0.002	0.01	0.86	11.0	1	1.5	406	0.59	<0.05	9.8	0.258	0.83	3.2
N811447		127.5	89.5	0.002	0.05	1.52	10.5	<1	1.8	352	0.62	<0.05	11.2	0.265	1.02	3.5
N811448		690	101.0	0.003	0.90	4.22	10.4	<1	2.4	317	0.57	0.31	9.8	0.260	1.26	3.6
N811449		43.8	86.6	0.003	0.04	1.47	10.2	<1	1.8	378	0.68	<0.05	10.2	0.272	0.93	3.4
N811450		15.5	90.3	<0.002	0.01	1.26	10.2	<1	1.7	384	0.61	<0.05	10.3	0.261	0.93	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185468

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811415		67	2.0	16.4	50	27.2		
N811416		75	1.6	18.3	50	25.7		
N811417		72	1.0	15.6	40	20.2		
N811418		73	1.0	15.9	40	21.0		
N811419		76	1.2	17.2	48	21.9		
N811420		71	1.3	16.2	49	19.5		
N811421		73	1.1	16.1	41	21.6		
N811422		77	4.2	14.8	70	21.4		
N811423		72	1.3	14.6	41	21.6		
N811424		70	1.0	16.5	38	21.0		
N811425		51	4.4	8.6	>10000	31.4	123	1.640
N811426		73	1.8	14.0	78	20.1		
N811427		70	1.7	13.6	115	20.4		
N811428		65	2.3	13.3	198	19.2		
N811429		63	2.5	15.8	125	20.3		
N811430		53	2.3	8.3	4850	14.4		
N811431		3	0.2	0.8	20	<0.5		
N811432		74	3.0	14.9	60	22.8		
N811433		66	2.0	17.1	118	27.8		
N811434		62	4.5	13.4	1490	21.6		
N811435		64	5.1	13.9	539	25.6		
N811436		72	2.0	16.1	51	29.2		
N811437		55	5.2	9.8	5250	25.5		
N811438		69	3.2	16.8	152	21.6		
N811439		67	3.2	15.0	229	20.2		
N811440		1	0.1	0.8	16	0.5		
N811441		71	2.1	13.0	96	19.8		
N811442		69	2.0	15.3	39	19.2		
N811443		62	2.2	14.4	49	20.8		
N811444		71	1.3	14.9	42	21.9		
N811445		72	1.3	15.5	42	22.8		
N811446		69	1.4	15.2	40	20.4		
N811447		70	2.2	15.5	165	22.1		
N811448		69	4.4	14.2	1520	21.4		
N811449		72	2.8	14.9	85	23.9		
N811450		69	6.8	14.8	38	22.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185468

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185469

Project: Klaza - 100

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185469

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811451		5.69	<0.005	0.09	6.75	5.9	2050	1.65	0.09	2.64	0.10	40.6	8.0	11	8.76	11.6
N811452		4.79	<0.005	1.03	7.39	5.6	2110	1.46	0.09	2.66	0.09	47.1	7.6	9	7.78	15.0
N811453		2.39	0.130	1.10	6.64	45.1	2730	1.36	1.32	2.81	0.34	42.5	12.1	7	15.45	25.0
N811454		5.90	<0.005	0.24	6.96	6.2	2120	1.61	0.15	2.53	0.57	43.2	7.6	11	6.71	12.0
N811455		2.27	0.006	0.49	6.34	26.8	1910	1.51	0.14	3.18	2.18	42.6	6.9	8	15.35	12.3
N811456		4.59	<0.005	0.27	6.53	15.4	1970	1.51	0.17	2.86	0.17	35.9	7.5	11	13.75	15.4
N811457		3.53	<0.005	0.31	6.57	13.5	2020	1.38	0.19	2.74	0.16	36.8	6.7	8	15.85	19.9
N811458		1.41	<0.005	0.43	6.64	16.8	1870	1.64	0.22	2.51	0.18	41.6	7.3	8	17.30	27.2
N811459		5.49	<0.005	0.31	7.07	7.5	2100	1.66	0.20	2.72	0.18	43.5	7.9	10	11.50	20.2
N811460		3.22	0.006	4.42	6.78	12.8	1640	1.74	0.41	3.10	8.14	45.9	7.2	10	12.10	34.2
N811461		7.27	<0.005	0.09	7.18	7.2	2000	1.75	0.09	2.60	0.11	42.3	7.4	10	11.45	7.7
N811462		4.50	<0.005	0.12	7.18	6.2	2200	1.65	0.10	2.66	0.11	43.2	7.5	13	8.98	11.2
N811463		0.26	2.32	27.2	5.88	3430	1320	1.34	19.65	2.19	75.8	43.3	11.0	18	14.00	416
N811464		3.31	<0.005	0.35	6.87	11.3	2070	1.63	0.11	2.72	0.23	42.4	7.1	12	8.60	7.9
N811465		2.23	0.008	0.69	6.56	27.0	1290	1.42	0.15	2.87	1.64	40.4	6.2	9	17.50	5.7
N811466		3.70	<0.005	0.19	6.81	7.0	2110	1.59	0.11	2.74	0.12	40.5	7.9	11	7.09	11.5
N811467		4.23	<0.005	0.14	6.91	8.7	1750	1.66	0.11	3.00	0.11	42.0	6.4	11	6.95	5.8
N811468		<0.02	<0.005	0.12	6.87	7.9	1730	1.67	0.11	2.96	0.09	41.2	6.4	11	6.83	5.4
N811469		3.05	0.017	2.75	6.83	50.7	1500	1.68	0.69	2.49	14.35	47.6	6.7	9	16.05	26.4
N811470		7.45	0.010	0.95	6.90	59.0	2020	1.80	0.12	2.59	2.59	46.9	7.7	13	7.77	11.9
N811471		4.30	<0.005	0.24	6.99	8.3	2030	1.67	0.14	2.58	0.53	45.3	7.1	11	6.81	10.8
N811472		5.19	<0.005	0.12	6.92	9.7	2270	1.54	0.09	3.16	0.15	41.9	7.4	11	8.71	6.4
N811473		2.61	<0.005	0.56	6.91	9.9	1940	1.54	0.09	2.62	0.14	41.7	7.7	9	13.05	8.3
N811474		6.99	0.008	0.26	7.09	7.9	2080	1.58	0.11	2.85	0.21	39.2	7.5	12	7.80	9.6
N811475		2.76	0.037	1.91	6.71	359	1360	1.54	0.45	3.05	5.61	51.4	6.9	7	17.30	27.3
N811476		3.45	<0.005	0.12	0.06	<5	30	<0.05	0.19	20.4	0.06	1.27	0.6	<1	0.14	9.5
N811477		3.68	<0.005	1.77	6.66	32.0	1900	1.37	0.16	2.33	9.23	36.5	6.0	9	15.30	34.9
N811478		3.47	0.007	0.35	7.04	20.4	1940	1.52	0.52	2.56	0.26	53.3	6.9	9	8.65	10.5
N811479		6.47	<0.005	0.18	7.21	6.3	2200	1.57	0.17	2.60	0.38	46.4	7.7	11	8.32	8.9
N811480		0.26	0.781	10.60	6.54	1790	670	1.58	6.35	1.88	40.4	45.3	17.4	20	15.90	110.0
N811481		3.48	0.008	0.85	7.35	17.9	2010	1.58	0.31	2.78	0.50	49.4	7.5	12	9.33	18.6
N811482		5.99	<0.005	1.80	7.55	6.2	2180	1.58	0.12	2.59	0.14	52.3	7.7	13	5.73	16.6
N811483		6.77	<0.005	0.24	7.20	8.1	2120	1.44	0.28	2.61	0.17	48.7	7.7	12	6.06	16.9
N811484		2.58	0.054	1.78	6.87	42.4	1660	1.39	2.19	2.97	0.36	43.4	8.2	10	15.75	52.2
N811485		3.60	<0.005	0.02	0.10	<5	20	<0.05	0.05	22.1	0.05	1.21	1.4	1	0.31	2.4
N811486		2.51	<0.005	0.21	7.30	7.6	2200	1.29	0.18	2.35	0.13	41.0	7.3	10	10.65	15.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185469

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811451		2.84	16.55	0.12	1.0	0.029	2.49	19.1	18.6	0.63	473	1.13	2.04	8.1	2.8	570
N811452		2.99	16.65	0.14	1.0	0.025	2.59	23.3	23.7	0.65	638	1.12	1.53	7.9	2.7	600
N811453		3.38	15.30	0.13	0.9	0.080	2.54	23.1	20.1	0.74	1620	0.95	0.30	7.1	2.6	540
N811454		2.95	16.40	0.13	1.1	0.029	2.61	20.2	13.3	0.76	668	1.50	2.25	8.0	2.8	570
N811455		2.92	15.00	0.13	1.0	0.033	2.80	21.8	21.9	0.84	2340	1.17	0.18	6.9	2.4	520
N811456		2.90	15.65	0.11	1.0	0.028	2.60	17.6	12.3	0.73	1100	1.10	1.79	7.5	2.7	560
N811457		2.90	15.25	0.12	1.0	0.027	2.70	17.3	14.8	0.65	1020	1.14	1.48	7.3	2.4	530
N811458		2.77	16.35	0.12	1.0	0.033	2.65	20.1	15.9	0.62	985	1.34	1.50	7.9	2.6	540
N811459		3.12	17.25	0.12	1.2	0.033	2.66	21.9	11.7	0.70	906	1.28	2.20	8.9	2.9	600
N811460		2.63	16.45	0.14	1.1	0.070	2.11	23.6	9.0	0.65	963	1.04	2.19	8.8	2.7	570
N811461		3.01	16.95	0.13	0.9	0.039	2.48	20.8	14.9	0.71	563	0.84	2.35	8.2	2.8	610
N811462		3.03	16.85	0.13	1.0	0.035	2.64	21.1	12.5	0.75	654	1.08	2.35	8.2	2.8	610
N811463		6.70	14.70	0.13	1.0	1.760	2.62	25.3	23.3	0.90	1840	13.45	0.03	6.0	15.3	440
N811464		2.98	16.25	0.13	0.9	0.033	2.50	19.7	10.5	0.72	573	1.01	2.22	7.9	2.7	590
N811465		2.75	16.20	0.14	0.9	0.040	2.49	18.0	16.9	0.80	1380	0.73	1.08	7.7	2.6	580
N811466		3.03	16.40	0.12	0.9	0.034	2.50	18.2	12.6	0.77	702	0.99	2.20	7.9	2.9	600
N811467		2.72	16.90	0.12	1.0	0.038	2.25	19.9	12.9	0.76	524	1.02	2.48	8.6	2.7	610
N811468		2.72	16.50	0.11	1.1	0.038	2.22	19.9	13.0	0.76	519	0.95	2.43	8.5	2.7	590
N811469		3.65	16.45	0.14	0.9	0.090	2.80	24.0	21.1	0.75	1860	0.64	0.87	7.7	2.7	570
N811470		3.09	17.40	0.12	1.1	0.038	2.58	21.0	16.0	0.80	730	0.92	2.22	8.8	3.0	610
N811471		2.95	16.60	0.13	1.0	0.031	2.53	20.6	16.4	0.77	745	0.89	2.27	8.0	2.8	580
N811472		2.95	16.45	0.14	1.0	0.030	2.45	20.3	15.3	0.76	693	1.31	2.23	8.1	2.9	590
N811473		3.03	16.90	0.12	1.0	0.030	2.43	21.0	19.7	0.69	670	1.52	1.50	8.3	3.7	590
N811474		3.22	16.45	0.13	1.0	0.035	2.67	19.7	14.5	0.78	749	1.09	2.20	8.1	3.0	620
N811475		3.56	15.40	0.14	0.9	0.100	2.84	28.0	18.3	1.05	1910	1.77	0.04	7.3	2.8	530
N811476		0.44	0.19	0.08	<0.1	<0.005	0.02	0.6	1.0	12.35	186	0.14	0.01	0.1	1.2	150
N811477		2.70	15.45	0.12	0.9	0.078	2.49	17.4	29.7	0.62	1090	0.72	0.31	7.6	2.7	580
N811478		3.09	16.45	0.15	1.0	0.060	2.71	27.6	10.1	0.73	1180	0.86	1.92	8.4	2.7	580
N811479		3.11	16.85	0.13	1.1	0.040	2.64	23.1	16.6	0.84	669	1.47	2.30	8.4	2.8	620
N811480		5.27	15.40	0.14	1.3	0.970	2.84	24.0	25.6	0.69	1940	12.55	0.25	7.6	15.2	490
N811481		3.12	16.75	0.14	1.0	0.034	2.77	24.1	13.4	0.75	942	0.92	2.04	8.1	2.9	580
N811482		3.08	16.90	0.15	1.0	0.024	2.70	26.2	16.8	0.83	679	0.97	2.32	8.2	3.3	590
N811483		3.01	18.65	0.16	1.1	0.040	2.53	24.5	15.8	0.79	794	0.98	2.25	8.2	3.3	580
N811484		3.26	18.15	0.17	1.0	0.063	2.64	21.6	29.8	0.85	1260	1.61	1.26	7.8	3.0	560
N811485		0.49	0.41	0.12	<0.1	0.005	0.05	0.6	1.4	13.55	224	0.18	0.01	0.3	<0.2	230
N811486		2.92	18.65	0.15	1.0	0.036	2.56	19.4	25.2	0.71	756	0.98	1.80	8.0	2.9	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185469

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811451		15.2	85.8	<0.002	0.02	1.65	9.8	<1	1.6	364	0.62	<0.05	9.9	0.266	0.96	3.5
N811452		16.6	98.2	0.002	0.02	2.06	10.4	<1	1.8	277	0.63	<0.05	12.0	0.265	0.98	3.5
N811453		29.9	119.0	0.002	0.77	11.25	10.0	<1	1.8	125.5	0.54	<0.05	11.0	0.235	1.60	3.5
N811454		47.8	90.0	<0.002	0.02	1.24	9.4	<1	1.7	374	0.70	<0.05	11.1	0.252	1.00	3.6
N811455		96.2	103.5	<0.002	0.30	8.65	9.2	<1	1.5	120.0	0.54	<0.05	10.7	0.217	2.02	4.5
N811456		22.1	81.8	0.002	0.09	2.08	8.8	<1	1.6	311	0.65	<0.05	9.9	0.238	1.24	3.9
N811457		23.1	91.2	<0.002	0.09	2.42	8.3	<1	1.5	250	0.66	<0.05	11.0	0.239	1.31	3.8
N811458		22.7	98.7	<0.002	0.10	2.78	9.6	<1	1.9	247	0.63	<0.05	11.3	0.238	1.36	3.8
N811459		22.0	97.6	<0.002	0.03	1.93	10.2	<1	1.8	366	0.69	<0.05	10.8	0.263	1.11	3.8
N811460		1140	95.6	<0.002	0.23	4.58	10.2	<1	2.1	286	0.78	<0.05	10.6	0.246	1.38	4.7
N811461		18.0	90.9	0.004	0.02	1.45	10.5	<1	1.7	375	0.67	<0.05	10.0	0.265	1.04	3.3
N811462		20.4	90.8	<0.002	0.02	1.30	9.9	<1	1.7	387	0.65	<0.05	10.2	0.269	1.06	3.4
N811463		2720	156.5	<0.002	4.89	87.7	8.1	<1	7.9	94.7	0.50	0.31	10.6	0.180	2.39	5.2
N811464		20.5	80.3	<0.002	0.02	1.38	9.7	<1	1.6	377	0.61	<0.05	9.4	0.258	1.00	3.4
N811465		91.3	96.6	0.002	0.24	5.35	9.7	<1	1.7	165.0	0.61	<0.05	9.3	0.248	1.71	3.3
N811466		16.5	82.1	<0.002	0.05	1.39	9.5	<1	1.6	371	0.59	<0.05	9.1	0.265	1.02	3.2
N811467		14.9	74.1	<0.002	0.02	2.11	9.8	<1	1.8	375	0.72	<0.05	9.5	0.267	0.98	3.2
N811468		13.8	73.5	0.003	0.02	2.08	10.4	<1	1.8	367	0.69	<0.05	9.6	0.264	0.99	3.2
N811469		487	118.0	<0.002	0.50	10.55	10.1	<1	2.0	195.5	0.57	<0.05	10.5	0.242	2.30	3.7
N811470		159.5	90.7	<0.002	0.09	2.17	10.6	<1	1.8	362	0.66	<0.05	10.2	0.261	1.09	3.6
N811471		42.6	87.3	0.002	0.04	1.35	9.8	<1	1.8	370	0.64	<0.05	10.7	0.259	0.92	4.1
N811472		17.0	85.8	0.002	0.03	1.32	10.0	<1	1.7	371	0.64	<0.05	9.7	0.258	0.96	3.8
N811473		18.6	83.4	<0.002	0.05	4.14	10.0	<1	1.6	275	0.66	<0.05	10.1	0.254	1.02	3.5
N811474		28.3	79.3	0.003	0.05	1.53	9.5	<1	1.6	384	0.67	<0.05	9.9	0.270	1.05	3.8
N811475		336	141.5	0.002	0.96	11.10	9.7	<1	1.8	94.6	0.58	<0.05	12.4	0.226	2.39	5.8
N811476		2.5	1.2	<0.002	0.01	0.06	0.1	<1	0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N811477		537	86.9	<0.002	0.27	14.15	9.1	<1	1.7	116.5	0.61	<0.05	9.6	0.246	1.55	4.7
N811478		31.8	116.0	<0.002	0.42	3.52	10.5	<1	1.7	278	0.65	<0.05	12.6	0.251	1.43	4.2
N811479		25.3	94.1	<0.002	0.04	1.44	10.2	<1	1.8	397	0.65	<0.05	10.9	0.266	1.01	3.8
N811480		1300	151.5	0.003	3.12	32.3	9.1	<1	5.9	150.0	0.61	0.28	11.3	0.211	2.44	5.1
N811481		44.9	113.5	<0.002	0.21	2.47	10.4	<1	1.7	333	0.62	<0.05	11.8	0.260	1.27	4.2
N811482		18.6	102.5	0.004	0.02	1.02	10.4	<1	1.7	407	0.64	<0.05	12.6	0.263	0.98	4.5
N811483		23.5	90.3	<0.002	0.08	1.00	11.6	1	1.5	368	0.65	<0.05	12.7	0.244	0.99	4.4
N811484		36.5	101.0	<0.002	0.60	9.98	11.2	1	1.7	239	0.61	0.07	11.1	0.236	1.55	4.9
N811485		1.6	2.4	<0.002	0.02	0.05	0.7	1	<0.2	45.5	<0.05	<0.05	<0.2	0.005	0.02	0.7
N811486		17.3	89.8	<0.002	0.04	3.20	10.7	1	1.7	306	0.58	<0.05	11.2	0.255	1.18	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185469

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N811451		69	6.8	13.4	38	23.6
N811452		68	10.3	14.9	43	24.3
N811453		62	5.3	14.8	74	21.8
N811454		67	5.1	14.3	78	25.2
N811455		61	4.3	13.8	206	22.7
N811456		64	5.0	12.6	62	23.3
N811457		64	5.4	11.9	60	22.7
N811458		63	5.9	13.0	60	24.8
N811459		70	5.7	15.0	65	28.3
N811460		65	3.3	14.6	467	26.0
N811461		71	3.1	14.8	39	23.3
N811462		72	3.6	14.5	41	22.2
N811463		55	5.4	9.7	5400	25.8
N811464		70	2.2	13.7	41	22.8
N811465		67	2.8	12.6	133	22.2
N811466		70	4.4	13.6	42	21.8
N811467		72	2.7	14.0	38	24.2
N811468		71	3.0	14.3	37	26.5
N811469		64	3.1	12.9	1120	22.4
N811470		69	2.5	15.2	180	26.1
N811471		68	1.3	14.6	63	23.1
N811472		69	1.3	14.8	43	24.7
N811473		68	2.3	15.0	45	26.7
N811474		73	2.2	14.0	57	25.2
N811475		62	3.7	13.1	445	23.5
N811476		1	0.1	0.7	15	<0.5
N811477		63	4.7	12.4	1040	23.4
N811478		67	2.4	14.5	68	27.7
N811479		71	2.8	15.2	73	26.9
N811480		56	5.3	11.1	2930	40.5
N811481		68	3.1	15.2	81	25.7
N811482		70	17.5	16.1	48	26.2
N811483		69	4.1	17.4	54	29.3
N811484		67	7.0	15.6	68	27.8
N811485		4	0.1	1.1	11	<0.5
N811486		69	7.1	16.1	50	27.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185469

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12185490

Project: Klaza - 100

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

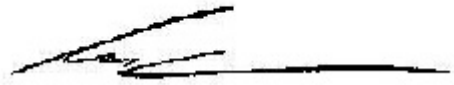
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185490

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811487		7.99	<0.005	0.18	7.73	7.7	2440	1.48	0.22	2.77	0.20	50.0	7.4	13	6.07	10.4
N811488		8.29	0.005	0.29	7.23	8.1	2250	1.45	0.30	2.55	0.19	47.0	7.5	10	6.34	18.0
N811489		5.93	<0.005	0.21	7.18	7.9	2000	1.59	0.15	2.57	0.21	52.7	7.6	11	5.08	11.8
N811490		0.26	0.794	9.24	6.43	1810	1560	1.42	5.88	1.85	39.7	46.9	16.3	19	15.30	104.5
N811491		6.50	<0.005	0.27	7.21	9.3	2070	1.53	0.15	2.64	0.20	46.9	7.5	11	5.57	8.0
N811492		2.85	0.031	3.18	7.04	57.7	1470	1.93	2.12	3.72	5.14	53.5	11.6	39	16.35	56.9
N811493		3.27	<0.005	0.05	0.27	<5	60	0.13	0.04	22.8	0.13	1.36	1.8	5	0.66	3.9
N811494		6.60	<0.005	0.13	7.52	5.6	2150	1.40	0.14	2.72	0.13	52.5	7.7	10	4.90	8.9
N811495		7.26	<0.005	0.18	7.56	6.4	2170	1.63	0.14	2.74	0.15	52.5	7.6	10	5.72	13.5
N811496		2.66	<0.005	0.11	7.68	5.6	2110	1.58	0.11	2.75	0.12	53.4	7.1	10	6.13	9.3
N811497		1.77	<0.005	0.09	7.60	5.7	2120	1.48	0.12	2.84	0.10	50.4	6.9	10	6.17	9.5
N811498		2.68	<0.005	0.20	7.07	8.1	1800	1.50	0.13	2.73	0.43	47.1	4.1	9	7.79	4.8
N811499		6.81	<0.005	0.33	7.39	11.5	2060	1.52	0.13	2.68	0.16	52.9	7.2	10	9.15	10.2
N811500		2.90	<0.005	0.36	7.47	12.0	1850	1.46	0.13	2.70	1.68	56.6	5.8	9	10.30	7.9
N811501		2.69	0.025	0.99	7.48	32.8	1690	1.37	1.36	2.50	0.50	51.5	6.2	9	11.55	11.6
N811502		7.61	<0.005	0.18	7.48	7.9	2180	1.55	0.09	2.65	0.25	50.8	7.0	11	6.98	11.6
N811503		0.26	4.40	>100	5.74	8770	1370	1.19	63.1	2.02	227	36.2	9.2	17	11.80	1315
N811504		4.02	0.005	0.14	7.53	8.2	2040	1.71	0.11	2.65	0.17	57.1	7.1	10	6.07	9.7
N811505		2.96	0.019	0.84	7.59	23.4	1700	1.51	0.83	2.16	4.41	56.8	7.3	8	20.3	15.2
N811506		3.58	0.079	5.17	7.41	594	1180	1.53	1.80	2.13	6.93	56.3	6.7	8	15.25	63.7
N811507		3.13	<0.005	0.17	7.62	21.9	2020	1.78	0.11	2.75	0.15	56.3	7.3	10	15.95	11.6
N811508		3.62	<0.005	0.14	7.61	7.7	2050	1.89	0.14	2.76	0.17	55.2	7.2	9	10.25	12.7
N811509		<0.02	<0.005	0.12	7.15	6.6	2030	1.91	0.15	2.68	0.16	50.8	7.5	9	9.84	11.9
N811510		2.66	0.039	1.73	7.18	161.0	1670	1.70	0.26	2.61	4.64	55.5	5.6	8	15.25	15.2
N811511		2.27	0.006	0.27	7.51	17.8	1700	1.73	0.27	3.01	0.44	54.0	8.0	9	10.45	6.0
N811512		3.07	0.190	11.45	6.65	997	960	1.50	0.91	2.09	44.0	50.9	5.5	6	13.90	61.6
N811513		3.02	0.014	2.05	7.31	67.6	1210	1.61	1.05	2.74	6.46	56.0	6.8	9	15.90	27.7
N811514		2.47	0.137	5.95	6.84	596	400	1.29	4.02	1.21	12.65	47.9	16.7	10	6.88	65.8
N811515		3.34	<0.005	0.03	0.07	<5	20	0.05	0.02	20.8	0.09	1.09	1.1	<1	0.13	1.6
N811516		3.24	0.315	8.85	7.15	2140	1210	1.25	1.15	4.64	21.5	34.8	19.3	193	24.3	57.6
N811517		2.38	<0.005	0.41	7.28	16.6	1690	1.13	0.15	3.85	2.11	32.4	15.9	161	14.45	30.2
N811518		2.23	0.012	0.58	7.23	51.4	1140	1.38	0.24	4.17	2.52	34.6	13.6	150	25.4	24.0
N811519		4.58	<0.005	0.44	6.91	33.5	1510	1.53	0.29	4.14	1.39	26.9	15.6	137	28.0	26.3
N811520		4.28	<0.005	0.17	6.84	29.8	1110	1.35	0.19	4.14	0.31	31.1	13.0	91	18.05	4.8
N811521		5.20	<0.005	0.34	7.08	57.1	1170	1.95	0.21	4.84	0.60	29.9	16.4	164	32.4	22.8
N811522		2.60	0.200	15.45	5.68	869	630	1.49	21.0	5.95	42.1	42.7	11.5	64	21.8	37.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185490

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811487		3.06	19.05	0.16	1.1	0.052	2.66	24.7	16.7	0.88	671	1.32	2.51	8.5	2.9	630
N811488		2.93	18.35	0.16	1.1	0.038	2.75	22.6	14.8	0.78	871	1.17	2.22	8.1	2.7	590
N811489		2.87	18.80	0.17	1.1	0.042	2.50	26.2	18.5	0.83	682	1.23	2.40	8.4	2.8	590
N811490		5.21	17.00	0.19	1.3	0.870	2.70	25.2	27.5	0.68	1890	13.20	0.26	7.6	16.5	480
N811491		2.85	18.90	0.16	1.2	0.038	2.58	22.8	20.6	0.76	699	1.37	2.44	8.3	2.9	590
N811492		3.69	18.85	0.13	1.2	0.067	3.06	25.6	10.0	1.07	2560	3.30	1.07	6.9	12.9	600
N811493		0.51	0.76	0.12	<0.1	0.006	0.12	0.7	2.6	14.05	226	0.15	0.02	0.4	2.8	210
N811494		2.92	19.45	0.16	1.3	0.038	2.64	26.0	15.5	0.83	688	1.31	2.47	8.9	2.7	610
N811495		2.87	19.50	0.19	1.5	0.038	2.61	27.0	18.3	0.79	743	1.47	2.39	8.7	2.7	590
N811496		2.89	19.05	0.19	1.1	0.037	2.58	27.6	16.9	0.79	594	1.11	2.44	8.2	2.6	610
N811497		2.99	19.05	0.17	1.1	0.038	2.58	24.5	16.8	0.79	600	1.11	2.53	8.1	2.7	620
N811498		2.12	18.85	0.16	1.2	0.067	2.45	23.3	11.8	0.71	887	0.93	2.19	8.1	2.4	600
N811499		2.87	18.70	0.18	1.2	0.036	2.61	26.2	16.3	0.77	844	1.19	2.42	8.0	2.7	580
N811500		2.60	19.00	0.18	1.3	0.060	2.55	28.5	16.1	0.67	638	1.45	2.36	8.3	3.0	640
N811501		3.89	19.40	0.18	1.1	0.175	2.95	26.9	17.4	0.74	1300	2.12	1.30	8.0	2.6	590
N811502		2.87	19.10	0.18	1.3	0.039	2.62	24.5	15.5	0.81	618	1.22	2.53	8.5	2.8	610
N811503		8.39	14.85	0.20	1.1	4.86	2.38	18.7	32.8	0.65	3150	16.15	0.10	5.7	14.6	460
N811504		2.74	20.1	0.18	1.4	0.039	2.67	28.8	16.2	0.82	557	1.23	2.43	8.8	2.9	590
N811505		3.59	19.80	0.19	1.3	0.080	3.07	29.2	32.3	0.76	1310	1.21	0.87	8.7	2.8	600
N811506		4.59	18.05	0.20	1.3	0.268	3.33	30.8	19.5	0.79	2030	2.24	0.06	7.8	3.0	560
N811507		2.81	19.25	0.19	1.3	0.038	2.99	28.4	18.4	0.69	738	1.19	2.04	8.9	2.8	620
N811508		2.91	20.1	0.18	1.4	0.040	2.74	27.5	12.8	0.77	669	1.22	2.38	9.3	2.9	610
N811509		2.84	19.75	0.19	1.4	0.041	2.73	24.3	12.6	0.76	649	1.32	2.39	9.0	2.8	600
N811510		3.03	19.10	0.20	1.1	0.080	3.10	27.8	18.2	0.74	1140	0.62	1.34	8.2	2.6	600
N811511		2.48	20.0	0.18	1.2	0.045	2.59	27.0	18.2	0.83	693	4.73	2.09	8.3	4.6	640
N811512		3.62	17.05	0.19	1.0	0.289	2.81	28.3	14.8	0.75	1760	2.03	0.11	7.0	2.9	500
N811513		2.45	18.05	0.17	1.1	0.097	3.06	30.6	21.6	1.04	1990	1.53	0.06	7.5	3.2	550
N811514		4.55	17.95	0.19	1.0	0.512	3.18	25.3	6.8	0.66	856	3.03	0.06	6.8	5.3	510
N811515		0.43	0.33	0.13	<0.1	0.005	0.03	0.5	1.1	12.75	188	0.14	0.01	0.3	<0.2	190
N811516		5.04	17.35	0.16	1.6	0.126	2.09	18.2	37.9	2.06	1770	2.14	0.97	6.3	72.0	580
N811517		3.56	18.60	0.16	1.8	0.046	2.07	15.7	43.0	2.06	778	1.52	1.68	7.5	58.1	640
N811518		3.04	17.30	0.15	1.7	0.069	1.80	18.0	128.5	1.45	908	1.13	0.06	7.0	44.6	610
N811519		3.31	15.90	0.09	1.8	0.075	2.45	13.8	39.8	1.78	832	1.00	1.06	6.9	46.1	680
N811520		2.92	15.45	0.08	1.6	0.061	2.50	16.5	38.9	1.65	987	0.76	0.17	6.4	33.5	660
N811521		3.72	14.60	0.08	1.7	0.063	2.28	16.5	112.0	1.99	1600	1.40	0.45	6.5	53.9	640
N811522		5.22	12.10	0.09	1.6	0.616	1.97	24.0	64.7	2.34	10650	9.24	0.06	6.9	27.3	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185490

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811487		20.5	91.1	<0.002	0.05	1.11	12.0	1	1.8	404	0.66	<0.05	13.4	0.268	1.00	5.5
N811488		24.8	92.6	<0.002	0.11	1.10	10.9	1	1.6	353	0.62	<0.05	11.5	0.251	1.03	3.9
N811489		22.6	89.3	<0.002	0.03	1.07	12.0	1	1.7	383	0.67	<0.05	13.9	0.252	0.95	4.4
N811490		1280	142.5	<0.002	2.98	31.2	9.7	1	5.6	149.5	0.59	0.28	11.9	0.200	2.35	5.7
N811491		20.1	88.3	<0.002	0.02	1.11	11.5	1	1.6	379	0.68	<0.05	12.6	0.252	1.01	4.4
N811492		423	109.5	0.002	1.50	9.49	11.7	2	2.1	222	0.61	0.16	12.3	0.262	1.71	4.9
N811493		4.9	4.6	<0.002	0.02	0.11	0.7	1	0.2	46.0	<0.05	<0.05	<0.2	0.010	0.03	0.5
N811494		19.5	93.2	<0.002	0.02	1.00	11.9	1	1.6	383	0.74	<0.05	14.8	0.260	0.96	5.2
N811495		19.9	102.5	<0.002	0.02	1.17	12.0	1	1.6	381	0.79	<0.05	14.5	0.249	0.97	5.3
N811496		17.3	95.7	<0.002	0.01	1.09	12.1	1	1.6	393	0.64	<0.05	14.5	0.258	0.94	4.7
N811497		16.9	85.3	<0.002	0.01	1.16	11.4	1	1.6	400	0.64	<0.05	13.0	0.259	0.92	4.0
N811498		28.5	95.8	<0.002	0.06	2.11	11.3	1	1.7	248	0.63	<0.05	10.8	0.253	1.25	3.2
N811499		77.3	92.7	<0.002	0.04	2.08	11.5	1	1.6	363	0.67	<0.05	13.3	0.249	1.01	4.3
N811500		86.4	97.9	<0.002	0.08	2.22	12.2	1	1.8	315	0.70	<0.05	14.0	0.257	1.20	4.3
N811501		58.8	127.5	<0.002	1.03	2.77	11.8	1	2.0	226	0.64	0.05	13.6	0.245	1.66	4.9
N811502		34.9	83.7	<0.002	0.02	1.12	11.7	1	1.7	383	0.71	<0.05	13.0	0.252	0.94	4.7
N811503		9620	117.5	<0.002	7.39	222	7.9	2	8.8	130.0	0.44	0.49	8.7	0.188	2.20	5.9
N811504		20.1	96.3	<0.002	0.02	1.25	12.6	1	1.7	371	0.76	<0.05	13.6	0.252	0.97	5.1
N811505		232	117.0	<0.002	0.44	8.04	12.1	1	2.1	210	0.80	<0.05	14.0	0.255	1.72	4.4
N811506		440	208	<0.002	3.74	33.6	11.7	1	4.3	76.1	0.69	0.09	15.0	0.232	2.70	6.3
N811507		19.5	104.5	<0.002	0.14	3.61	12.1	1	1.7	338	0.85	<0.05	15.9	0.262	1.58	5.7
N811508		21.2	101.5	<0.002	0.06	2.03	12.6	1	1.8	372	0.92	<0.05	14.3	0.258	1.11	5.5
N811509		19.1	93.1	<0.002	0.06	1.85	12.1	1	1.8	364	0.91	<0.05	12.8	0.258	1.10	5.0
N811510		150.0	131.0	<0.002	0.97	13.95	12.6	1	2.8	238	0.65	0.06	13.2	0.249	1.94	4.4
N811511		34.3	95.3	<0.002	0.26	4.29	12.9	1	1.8	320	0.64	0.08	13.4	0.266	1.47	4.5
N811512		712	169.0	<0.002	2.62	44.0	11.0	1	7.7	84.9	0.55	0.16	13.5	0.212	2.37	5.3
N811513		267	150.5	<0.002	0.75	15.20	11.5	1	2.3	133.0	0.62	0.16	13.9	0.228	2.64	5.3
N811514		841	203	<0.002	3.92	14.90	10.6	1	3.7	44.2	0.56	0.35	12.7	0.217	2.77	3.0
N811515		2.9	1.1	<0.002	0.01	0.06	0.2	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811516		881	105.0	<0.002	2.12	29.1	19.0	1	3.4	358	0.46	<0.05	6.8	0.296	1.69	3.0
N811517		59.4	58.7	<0.002	0.04	9.01	15.4	1	0.8	564	0.59	<0.05	6.9	0.297	1.31	3.2
N811518		56.2	63.6	<0.002	0.19	20.2	15.2	1	1.1	350	0.56	<0.05	7.3	0.277	1.65	4.6
N811519		105.5	91.8	0.002	0.11	11.50	13.2	<1	1.0	554	0.63	<0.05	6.1	0.294	2.04	3.3
N811520		52.8	112.5	0.002	0.14	12.60	11.0	<1	1.1	365	0.60	<0.05	7.6	0.239	2.23	3.8
N811521		42.8	112.0	<0.002	0.18	19.10	15.9	<1	1.1	566	0.55	<0.05	6.5	0.296	1.96	3.1
N811522		583	84.4	<0.002	1.75	28.4	8.2	<1	3.4	309	0.50	<0.05	6.6	0.206	1.76	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185490

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811487		75	3.8	18.7	51	30.3		
N811488		71	6.2	16.3	59	28.8		
N811489		72	5.0	18.4	49	30.2		
N811490		57	5.1	12.2	2890	41.7		
N811491		71	4.5	17.1	52	31.8		
N811492		83	3.4	14.3	431	30.3		
N811493		6	0.1	1.1	17	1.3		
N811494		72	5.1	18.9	49	32.9		
N811495		69	6.9	19.4	49	37.0		
N811496		71	6.7	18.5	42	29.3		
N811497		73	5.3	17.1	43	29.9		
N811498		72	4.7	13.7	65	31.1		
N811499		70	5.1	17.0	47	31.4		
N811500		75	3.8	16.6	166	32.4		
N811501		70	4.1	15.2	93	27.8		
N811502		73	3.1	17.3	51	32.8		
N811503		55	4.5	10.0	>10000	34.9	124	1.625
N811504		70	3.6	18.7	46	34.5		
N811505		72	4.7	16.0	417	32.8		
N811506		64	4.5	15.1	612	32.6		
N811507		74	3.6	17.7	45	33.6		
N811508		72	4.2	18.8	44	36.0		
N811509		73	3.4	17.1	43	36.1		
N811510		71	3.0	15.7	359	29.4		
N811511		77	2.7	15.8	66	31.6		
N811512		61	3.0	12.4	3000	26.9		
N811513		67	2.9	13.1	544	28.6		
N811514		70	3.2	7.2	1100	26.5		
N811515		3	0.1	0.8	13	<0.5		
N811516		126	2.5	14.6	1700	53.1		
N811517		116	1.4	12.4	178	60.2		
N811518		104	4.5	11.9	171	59.7		
N811519		110	1.7	10.3	140	54.7		
N811520		90	1.6	10.1	100	49.9		
N811521		112	2.9	11.5	118	54.1		
N811522		58	3.6	10.3	4230	56.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12185490

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
This copy reported on 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12186009

Project: Klaza - 80

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: HEATHER SMITH
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12163811**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2012
Account: ROCKHA

Project: Klaza - 80

CERTIFICATE OF ANALYSIS WH12186009

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899823		0.005
M899824		0.032
M899825		0.018
M899826		0.078
M899827		0.042
M899828		0.032
M899829		0.018
M899830		0.047
M899831		0.007
M899832		4.47
M899833		0.032
M899834		0.034
M899835		0.048
M899836		0.946
M899837		<0.005
M899838		0.059
M899839		0.150
M899840		0.005
M899841		<0.005
M899842		0.030
M899843		0.172
M899844		<0.005
M899845		2.35
M899846		0.009
M899847		0.088
M899848		0.020
M899849		0.125
M899850		0.260
M899851		0.029
M899852		0.028
M899853		0.104
M899854		0.674
M899855		<0.005
M899856		0.189
M899857		<0.005
M899858		0.335

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12163811**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12186245

Project: Klaza-86

P.O. No.: Batch 4

This report is for 21 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

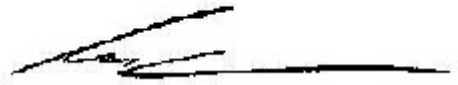
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-86

CERTIFICATE OF ANALYSIS WH12186245

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811107		2.36	<0.005	0.25	7.19	6.7	2230	1.36	0.36	3.35	0.46	61.9	5.3	14	8.89	2.0
N811108		2.16	0.005	0.39	7.34	8.2	2140	1.61	0.66	2.60	0.40	50.7	7.4	10	11.05	8.8
N811109		2.01	0.974	12.80	5.28	470	480	1.18	14.95	2.16	31.6	41.8	24.8	8	9.65	74.5
N811110		3.49	<0.005	0.02	0.07	<5	30	0.06	0.03	21.9	0.11	1.39	1.1	<1	0.16	3.3
N811111		1.80	0.015	0.54	7.10	23.9	1920	1.61	0.69	2.73	1.22	49.8	10.8	12	16.80	11.4
N811112		2.55	0.005	0.17	7.43	7.9	2300	1.56	0.38	2.72	0.27	49.4	6.6	13	9.44	5.2
N811113		2.20	0.008	0.30	7.14	15.9	2100	1.61	0.72	2.55	0.20	47.7	6.0	13	17.00	10.5
N811114		1.92	0.301	3.17	6.85	309	780	1.63	2.89	2.52	17.10	50.8	9.8	11	16.95	29.3
N811115		1.85	0.033	0.85	6.97	39.3	1540	1.51	2.61	2.21	0.21	53.9	57.7	11	12.75	11.5
N811116		1.96	0.008	0.35	7.10	10.7	3400	1.56	1.20	2.40	0.21	51.4	6.0	10	15.25	10.9
N811117		3.35	<0.005	0.17	7.45	8.2	2180	1.86	0.36	2.52	0.26	49.9	12.6	15	9.65	4.6
N811118		0.26	0.784	10.10	6.50	1510	1080	1.56	6.57	1.86	43.6	44.7	17.7	19	16.50	106.5
N811119		3.85	<0.005	0.10	7.23	4.8	2330	1.80	0.20	2.63	0.16	47.6	7.4	19	6.06	2.7
N811120		3.47	0.019	0.44	7.44	18.4	1970	1.83	0.79	2.40	0.34	49.2	7.7	15	10.15	34.0
N811121		1.76	0.008	0.15	7.09	8.7	2340	1.66	0.40	2.78	0.16	47.8	7.2	11	14.55	4.9
N811122		2.86	0.010	0.45	7.31	23.8	1720	1.36	0.39	3.10	0.49	46.2	5.3	10	18.15	11.2
N811123		2.22	0.020	0.40	7.30	29.0	2000	1.57	0.48	2.70	1.00	42.1	6.8	12	12.60	9.3
N811124		4.09	<0.005	0.12	7.66	4.2	2150	1.33	0.19	2.51	0.21	44.5	5.4	13	5.91	3.2
N811125		<0.02	<0.005	0.09	7.49	3.9	2150	1.22	0.17	2.53	0.20	42.5	5.4	14	5.80	3.1
N811126		4.90	<0.005	0.11	7.96	5.3	2290	1.31	0.20	2.72	0.14	49.6	7.2	14	5.23	4.4
N811127		2.72	<0.005	0.12	7.84	5.6	2280	1.25	0.20	2.68	0.13	48.4	7.5	13	5.24	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-86

CERTIFICATE OF ANALYSIS WH12186245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811107		2.13	18.10	0.12	1.1	0.079	2.82	33.2	19.0	0.83	705	0.89	1.01	7.8	3.2	660
N811108		2.37	17.75	0.12	1.1	0.108	3.48	25.2	19.1	0.62	599	0.76	1.01	8.0	2.6	650
N811109		10.90	13.35	0.22	0.6	1.935	2.39	22.3	9.7	0.82	2270	1.84	0.04	5.4	3.1	440
N811110		0.51	0.25	<0.05	<0.1	0.010	0.03	0.7	1.0	13.15	212	0.14	0.01	0.2	2.3	170
N811111		3.17	17.55	0.13	1.0	0.075	3.25	24.8	21.4	0.93	907	1.22	0.70	8.5	2.6	640
N811112		3.11	17.60	0.14	1.1	0.108	2.69	25.3	15.6	0.80	598	1.33	1.99	8.6	2.9	630
N811113		3.29	17.75	0.13	1.0	0.129	2.89	23.4	25.3	0.80	690	1.23	1.18	8.5	3.2	650
N811114		5.60	16.90	0.15	1.0	0.994	3.09	26.3	11.0	1.01	3270	4.65	0.04	7.2	3.4	600
N811115		3.91	19.15	0.14	1.0	0.575	2.83	29.6	24.5	0.94	999	4.91	0.10	6.2	5.0	610
N811116		2.98	16.80	0.12	1.1	0.208	3.03	26.2	36.3	0.85	655	0.91	0.45	8.1	2.9	580
N811117		3.27	18.60	0.13	1.1	0.098	2.73	24.6	16.0	0.81	573	1.11	2.08	9.3	3.2	640
N811118		5.10	16.60	0.15	1.3	0.966	2.78	22.8	26.1	0.69	1940	13.65	0.26	7.9	15.5	500
N811119		3.17	18.05	0.12	1.1	0.061	2.65	23.8	14.8	0.85	586	1.17	2.21	8.7	3.2	640
N811120		3.50	17.95	0.13	1.0	0.143	2.81	25.4	27.7	0.86	663	1.03	1.63	8.6	3.2	660
N811121		3.25	17.40	0.11	1.0	0.111	2.83	24.0	52.7	0.77	548	0.65	1.44	8.3	2.6	620
N811122		3.29	15.00	0.12	1.1	0.096	2.85	23.7	17.7	1.01	869	1.20	0.88	8.2	3.3	600
N811123		3.57	16.15	0.12	1.2	0.143	2.99	20.7	14.4	0.86	1140	2.03	1.44	9.0	3.0	650
N811124		3.20	15.35	0.12	1.0	0.060	2.77	23.0	9.7	0.84	578	1.23	2.24	7.9	3.0	620
N811125		3.24	14.95	0.12	1.0	0.059	2.73	21.8	9.5	0.84	585	1.21	2.21	7.9	2.8	620
N811126		3.53	16.05	0.13	0.9	0.063	2.64	25.9	12.6	1.00	643	0.85	2.38	8.3	3.2	690
N811127		3.45	15.95	0.13	0.9	0.058	2.62	25.0	12.4	0.97	626	0.71	2.35	8.2	3.1	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-86

CERTIFICATE OF ANALYSIS WH12186245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811107		29.9	160.0	<0.002	0.03	75.5	13.1	1	1.3	282	0.65	<0.05	12.3	0.267	2.20	3.7
N811108		25.2	180.0	<0.002	0.16	5.50	11.8	1	2.1	247	0.62	0.12	13.4	0.241	2.32	4.3
N811109		581	158.5	<0.002	>10.0	15.10	8.3	4	5.3	64.7	0.39	2.05	8.9	0.175	2.34	4.9
N811110		1.9	1.5	<0.002	0.02	<0.05	0.2	2	<0.2	55.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N811111		44.4	133.0	<0.002	0.48	6.68	11.4	1	1.9	242	0.64	0.19	12.4	0.258	1.99	3.6
N811112		22.8	115.0	<0.002	0.13	2.07	11.8	1	1.8	403	0.71	<0.05	15.1	0.258	1.23	5.1
N811113		19.4	127.0	<0.002	0.24	4.77	12.4	1	2.0	317	0.66	<0.05	13.0	0.262	1.74	3.5
N811114		275	225	<0.002	3.02	10.50	11.2	1	4.4	109.0	0.57	0.31	13.8	0.227	2.95	5.5
N811115		15.6	198.0	<0.002	1.45	7.41	13.5	2	3.2	127.5	0.62	0.40	17.1	0.216	2.42	4.8
N811116		17.7	145.0	<0.002	0.20	10.80	11.1	1	2.1	197.0	0.74	0.08	14.7	0.241	1.97	5.2
N811117		20.5	112.5	<0.002	0.14	2.44	12.6	1	2.0	396	0.87	0.05	13.8	0.266	1.27	5.2
N811118		1370	170.5	0.002	3.08	34.9	9.9	2	6.3	148.0	0.62	0.41	11.8	0.207	2.43	5.0
N811119		18.8	100.5	<0.002	0.03	1.63	12.5	1	1.8	406	0.69	<0.05	13.2	0.268	1.15	4.3
N811120		23.6	133.0	<0.002	0.22	4.41	12.4	1	2.3	283	0.67	<0.05	14.2	0.261	1.55	3.5
N811121		17.6	123.0	<0.002	0.23	3.64	11.5	1	2.6	272	0.65	0.05	12.5	0.258	1.56	3.6
N811122		57.6	120.5	<0.002	0.40	4.68	10.2	1	2.3	244	0.70	0.07	12.8	0.264	1.72	4.6
N811123		59.0	120.5	<0.002	0.56	4.17	10.1	1	2.3	315	0.84	0.07	12.1	0.265	1.66	5.0
N811124		20.6	110.0	<0.002	0.02	1.68	10.1	1	1.6	396	0.68	<0.05	14.7	0.264	1.20	4.7
N811125		19.9	105.0	<0.002	0.02	1.67	9.8	1	1.6	392	0.67	<0.05	12.1	0.259	1.17	3.9
N811126		20.0	108.0	<0.002	0.04	1.58	11.3	1	1.8	443	0.62	0.05	12.1	0.290	1.14	4.0
N811127		18.8	105.0	<0.002	0.05	1.52	11.0	1	1.7	435	0.63	<0.05	11.3	0.285	1.11	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-86

CERTIFICATE OF ANALYSIS WH12186245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N811107		85	3.1	17.1	78	25.1	<1
N811108		71	1.9	16.2	61	25.0	<1
N811109		53	3.8	10.8	2390	15.5	13
N811110		2	0.1	1.0	20	0.5	<1
N811111		74	2.1	14.9	87	24.1	1
N811112		74	1.7	16.3	57	24.6	<1
N811113		76	1.9	15.4	51	22.8	<1
N811114		68	3.9	12.3	1320	23.2	3
N811115		84	2.1	15.0	54	22.2	1
N811116		68	2.2	16.0	50	24.5	<1
N811117		75	3.7	16.7	56	23.6	<1
N811118		57	5.6	12.0	3020	38.1	9
N811119		77	1.4	16.7	45	25.4	<1
N811120		74	2.0	16.0	66	23.9	<1
N811121		72	2.0	14.7	58	24.7	<1
N811122		76	2.2	15.6	78	24.5	1
N811123		79	2.8	15.6	109	25.8	<1
N811124		74	1.2	16.1	52	21.5	<1
N811125		72	1.1	15.7	51	23.5	<1
N811126		82	1.1	17.8	48	21.0	<1
N811127		81	1.1	17.4	47	20.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-86

CERTIFICATE OF ANALYSIS WH12186245

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12186246

Project: Klaza-95

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

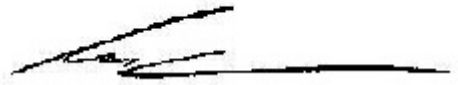
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12186246

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811343		3.80	0.130	2.93	7.18	502	680	1.24	2.45	0.95	20.7	41.9	8.8	9	6.24	47.9
N811344		5.89	3.39	>100	4.80	8730	450	0.87	260	1.56	155.5	22.5	11.6	9	4.24	4340
N811345		3.23	<0.005	0.16	0.07	10	20	0.06	0.18	20.5	0.22	1.23	1.1	<1	0.17	6.7
N811346		4.14	0.800	12.80	5.04	416	310	0.82	8.38	1.85	245	22.8	14.3	7	5.99	259
N811347		2.29	0.006	0.40	7.57	25.1	1430	1.44	0.20	2.03	0.97	55.5	6.0	12	24.9	5.6
N811348		5.42	<0.005	0.21	7.05	10.8	3910	1.46	0.21	3.37	0.62	48.4	6.7	8	20.3	5.8
N811349		4.69	<0.005	0.16	7.32	8.9	1390	1.17	0.25	2.16	0.19	48.2	6.9	10	16.40	6.3
N811350		2.94	1.380	53.7	6.46	267	730	1.08	85.6	1.76	98.1	43.4	5.9	7	16.05	3230
N811351		5.55	0.055	0.96	6.90	10.6	1980	1.22	0.91	2.49	5.51	41.7	6.3	12	16.80	12.4
N811352		<0.02	0.012	0.74	7.33	8.5	2020	1.32	0.78	2.55	4.78	49.4	6.6	15	17.40	11.3
N811353		2.55	0.007	0.71	7.07	6.9	2310	1.31	0.61	2.68	4.09	42.5	5.7	11	14.20	19.7
N811354		1.65	<0.005	0.64	6.58	6.1	2110	1.26	0.30	2.61	5.44	37.1	5.2	9	13.10	13.4
N811355		3.89	<0.005	0.15	7.05	7.2	2270	1.24	0.18	2.70	0.13	42.2	5.8	12	13.15	6.3
N811356		4.91	0.150	4.71	6.85	323	1560	1.24	5.39	1.88	32.9	49.3	7.9	10	11.80	89.7
N811357		2.52	<0.005	0.24	7.24	9.6	2200	1.30	0.33	2.61	0.28	48.3	6.2	11	11.85	7.2
N811358		2.55	0.080	2.38	6.62	51.2	1470	1.32	0.66	2.48	4.14	46.0	7.8	9	12.25	15.9
N811359		2.93	<0.005	0.07	7.48	8.3	2260	1.49	0.19	2.70	0.12	46.1	5.9	9	8.47	3.4
N811360		0.26	2.21	23.8	6.00	3430	1600	1.23	20.7	2.17	78.5	42.7	11.6	17	13.20	422
N811361		2.35	0.005	0.29	7.13	22.5	1710	1.48	0.43	2.02	0.36	42.1	15.9	8	10.30	6.1
N811362		3.21	0.006	0.29	7.28	24.4	1580	1.39	0.44	1.75	0.22	51.8	14.8	7	15.10	29.9
N811363		3.28	<0.005	0.17	7.67	27.0	1720	1.27	0.18	1.77	0.14	42.3	5.7	9	17.00	4.2
N811364		7.20	0.007	0.12	6.94	13.9	1930	1.38	0.18	2.54	0.12	41.7	5.9	8	13.15	3.0
N811365		4.40	<0.005	0.24	7.26	25.1	2260	1.47	0.29	2.57	0.64	42.0	7.4	11	9.15	9.6
N811366		0.26	2.37	22.5	5.45	3110	1430	1.19	18.90	1.97	71.4	42.6	10.3	17	12.10	386
N811367		4.69	<0.005	0.21	7.36	14.9	2220	1.55	0.24	2.45	0.38	47.1	7.1	10	8.80	8.5
N811368		2.59	0.005	0.12	7.01	8.8	1670	1.39	0.18	1.86	0.22	47.1	6.5	8	16.15	7.3
N811369		5.28	<0.005	0.08	7.30	5.9	2130	1.59	0.11	2.51	0.13	46.7	7.4	11	9.16	7.6
N811370		3.53	0.005	0.09	7.76	9.2	2020	1.15	0.12	1.17	0.24	47.9	8.0	10	13.00	8.0
N811371		4.43	0.007	0.17	7.77	11.3	2820	1.27	0.17	1.59	1.64	48.1	7.1	9	12.15	9.9
N811372		2.62	<0.005	0.08	7.21	8.0	2060	1.44	0.12	2.33	0.10	45.4	7.2	9	14.35	10.3
N811373		3.05	0.188	1.20	6.21	573	1280	1.36	1.09	2.25	5.34	60.8	8.4	9	19.15	30.0
N811374		4.53	<0.005	0.02	0.10	<5	40	0.08	0.04	20.1	0.07	1.56	0.6	<1	0.28	1.6
N811375		5.19	<0.005	0.15	6.95	11.1	1580	1.44	0.16	2.31	0.18	43.5	4.8	9	12.90	4.0
N811376		2.87	0.009	0.09	6.00	12.8	1640	1.10	0.12	2.97	0.17	39.3	3.8	9	7.72	1.5
N811377		4.88	<0.005	0.12	6.66	7.1	2180	1.45	0.21	2.88	0.13	37.6	7.2	10	8.41	3.8
N811378		8.30	<0.005	0.06	7.34	6.7	2280	1.54	0.12	2.46	0.10	42.8	7.8	10	8.31	6.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12186246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811343		4.66	15.60	0.12	1.0	0.860	3.56	22.1	7.2	0.60	2240	1.48	0.04	7.0	3.1	560
N811344		7.24	12.30	0.19	0.6	3.40	2.26	11.2	9.7	0.70	1370	4.64	0.04	4.6	3.9	360
N811345		0.45	0.33	<0.05	<0.1	0.008	0.03	0.6	0.8	12.35	192	0.18	<0.01	0.3	2.2	350
N811346		7.50	12.40	0.19	0.7	4.24	2.39	11.1	7.0	0.92	2920	5.75	0.03	4.9	2.9	390
N811347		2.60	17.35	0.09	1.2	0.077	2.91	29.8	42.1	0.73	937	4.10	0.05	8.8	3.1	610
N811348		2.65	17.30	0.11	1.2	0.070	2.49	25.3	65.7	1.04	833	2.40	0.09	8.4	3.0	600
N811349		2.67	17.15	0.09	1.0	0.079	2.64	25.5	65.3	0.75	803	7.64	0.06	7.8	2.9	590
N811350		5.51	14.45	0.15	0.9	6.11	2.44	22.0	69.1	0.68	1410	4.94	0.04	6.3	2.8	490
N811351		2.83	16.95	0.11	1.0	0.095	2.74	20.4	31.0	0.68	647	2.49	1.45	7.7	3.0	600
N811352		2.92	16.40	0.09	1.1	0.091	2.79	25.9	31.5	0.73	653	1.81	1.47	7.8	3.0	620
N811353		2.98	17.15	0.12	1.2	0.097	2.82	20.8	16.0	0.76	725	1.06	1.73	7.8	2.9	590
N811354		2.81	15.75	0.10	1.1	0.087	2.75	17.6	15.5	0.71	714	1.04	1.57	7.1	3.1	560
N811355		2.60	16.10	0.10	1.1	0.051	2.83	20.8	17.0	0.76	634	0.91	1.75	7.5	3.1	580
N811356		3.59	16.25	0.14	1.0	0.748	2.97	27.2	19.0	0.80	1420	1.31	0.09	7.0	3.4	530
N811357		2.94	15.95	0.09	1.1	0.069	3.07	24.9	14.0	0.77	835	3.03	1.40	7.4	3.1	630
N811358		3.23	14.50	0.12	1.0	0.246	2.88	24.8	12.1	0.79	1640	0.87	0.50	6.6	2.7	530
N811359		2.57	16.35	0.09	1.3	0.059	2.78	20.9	10.4	0.70	557	0.98	1.66	7.6	1.9	580
N811360		6.62	14.65	0.08	1.1	1.640	2.52	25.4	25.5	0.92	1820	13.30	0.03	6.0	14.8	430
N811361		2.13	17.40	0.08	1.1	0.065	2.74	19.1	19.5	0.76	469	4.99	0.51	7.4	2.1	530
N811362		1.78	17.95	0.11	1.3	0.060	2.72	26.2	24.9	0.74	481	8.23	0.05	8.3	2.3	550
N811363		2.53	16.60	0.11	1.2	0.046	2.72	19.5	61.7	0.58	547	1.51	0.07	8.3	1.7	640
N811364		2.72	16.00	0.09	1.1	0.052	2.65	18.1	15.0	0.54	528	1.31	1.40	7.8	2.0	570
N811365		2.97	16.90	0.08	1.3	0.048	2.53	19.0	13.5	0.79	684	1.33	2.19	8.2	2.3	580
N811366		6.05	13.30	0.09	0.9	1.445	2.29	22.4	22.9	0.84	1700	11.75	0.02	5.4	13.3	390
N811367		2.89	16.45	0.11	1.4	0.045	2.50	21.1	14.0	0.82	688	1.57	2.08	8.2	2.4	580
N811368		2.65	16.50	0.09	1.4	0.055	2.50	21.6	28.0	0.53	713	1.46	0.65	8.6	1.9	550
N811369		2.90	16.30	0.08	1.2	0.035	2.48	20.7	14.0	0.78	569	0.73	2.22	8.1	2.2	600
N811370		2.80	17.00	0.09	1.2	0.038	2.48	24.0	35.6	0.37	672	0.89	0.12	8.5	2.9	640
N811371		3.03	17.15	0.08	1.1	0.105	2.63	23.8	30.0	0.57	644	5.42	0.37	8.0	2.2	610
N811372		2.78	17.05	0.10	1.1	0.038	2.66	20.8	22.6	0.64	491	0.95	1.37	8.1	2.1	590
N811373		4.39	14.10	0.10	1.0	0.291	2.48	31.6	26.9	0.95	1530	12.25	0.03	6.6	3.3	510
N811374		0.45	0.28	0.05	<0.1	<0.005	0.04	0.7	1.2	12.65	202	0.20	0.01	0.2	1.1	190
N811375		2.50	15.70	0.10	1.2	0.055	2.86	19.8	24.8	0.66	818	1.57	0.07	8.2	1.7	560
N811376		2.77	13.70	0.10	1.5	0.058	2.68	18.1	11.4	1.06	1100	1.73	0.05	6.6	1.6	430
N811377		2.73	15.75	0.10	1.3	0.039	2.79	16.2	11.2	0.70	572	1.43	1.50	7.6	1.9	530
N811378		2.99	16.90	0.09	1.3	0.047	2.66	18.7	13.7	0.86	513	0.93	2.34	8.1	2.3	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12186246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811343		466	215	<0.002	2.92	13.55	9.7	1	4.4	20.7	0.64	0.18	12.4	0.231	3.15	3.4
N811344		4360	142.5	<0.002	7.04	255	6.4	2	11.6	27.8	0.39	0.95	7.5	0.146	2.05	3.5
N811345		6.8	2.0	<0.002	0.01	0.40	0.4	1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	0.02	0.9
N811346		685	141.0	0.002	6.59	24.7	6.7	2	2.7	32.3	0.46	1.25	8.7	0.157	2.26	3.6
N811347		14.6	131.5	<0.002	0.31	6.58	12.1	1	1.8	97.4	0.77	<0.05	14.3	0.272	2.35	5.6
N811348		50.8	109.5	<0.002	0.28	6.43	11.0	1	2.1	198.5	0.69	<0.05	12.3	0.258	1.93	5.1
N811349		11.3	115.5	<0.002	0.16	10.40	10.8	1	1.8	122.5	0.66	0.06	13.0	0.244	1.70	3.9
N811350		538	120.0	<0.002	3.65	116.0	8.4	2	3.3	84.4	0.52	0.80	11.1	0.206	1.74	7.8
N811351		135.0	102.5	<0.002	0.18	5.63	10.8	1	2.0	277	0.63	0.05	11.6	0.252	1.41	3.5
N811352		112.0	119.5	<0.002	0.19	5.52	11.4	1	2.1	283	0.66	<0.05	12.0	0.259	1.40	3.7
N811353		143.0	111.5	<0.002	0.10	3.17	11.0	1	2.2	304	0.67	<0.05	12.1	0.246	1.42	3.8
N811354		195.0	103.0	<0.002	0.10	2.85	9.7	1	2.1	278	0.64	<0.05	10.3	0.234	1.36	3.2
N811355		15.5	112.5	<0.002	0.12	2.38	10.4	1	1.6	309	0.65	<0.05	12.0	0.242	1.34	3.8
N811356		642	156.0	<0.002	1.32	7.88	9.7	1	3.0	66.3	0.61	0.15	12.4	0.220	2.30	5.1
N811357		28.3	122.0	<0.002	0.16	2.65	10.7	1	1.8	285	0.63	<0.05	12.2	0.251	1.56	4.3
N811358		819	147.0	<0.002	0.66	6.50	9.3	1	1.8	124.0	0.59	0.06	12.4	0.206	2.23	4.6
N811359		12.2	127.0	<0.002	0.10	2.59	10.6	1	1.6	288	0.61	<0.05	12.3	0.245	1.40	4.2
N811360		2740	161.0	<0.002	4.87	80.9	8.6	1	7.2	98.5	0.44	0.36	10.2	0.179	2.26	4.9
N811361		16.9	159.5	<0.002	0.32	8.48	10.2	1	1.4	100.5	0.57	0.14	10.7	0.225	1.89	4.7
N811362		26.9	162.0	0.003	0.21	11.55	11.6	1	1.4	81.1	0.65	0.19	14.4	0.242	1.94	4.8
N811363		13.6	107.0	<0.002	0.17	10.50	11.2	1	1.7	111.0	0.66	<0.05	11.4	0.275	1.74	3.6
N811364		14.3	109.0	<0.002	0.09	4.26	10.1	1	1.5	251	0.56	<0.05	10.1	0.249	1.28	3.8
N811365		33.7	91.5	<0.002	0.04	1.82	10.2	1	1.6	376	0.67	<0.05	11.7	0.253	1.05	4.0
N811366		2500	138.0	<0.002	4.45	77.0	7.7	1	6.7	86.4	0.41	0.44	9.6	0.164	2.13	4.7
N811367		26.7	104.0	<0.002	0.02	1.66	11.0	<1	1.6	362	0.70	<0.05	12.4	0.247	1.08	4.7
N811368		18.4	107.5	<0.002	0.04	11.20	10.6	<1	1.6	147.5	0.78	<0.05	11.4	0.243	1.14	4.1
N811369		15.7	98.6	<0.002	0.01	2.37	10.6	<1	1.5	364	0.64	<0.05	11.1	0.253	0.98	4.1
N811370		36.1	109.0	<0.002	0.05	22.8	11.8	1	1.7	89.8	0.64	<0.05	12.3	0.274	1.10	4.1
N811371		80.0	108.5	<0.002	0.09	15.00	11.6	1	1.5	133.5	0.62	<0.05	12.1	0.264	1.18	3.2
N811372		14.9	99.1	<0.002	0.03	6.87	11.0	<1	1.6	264	0.60	<0.05	10.4	0.261	1.18	3.3
N811373		107.5	156.0	<0.002	1.84	21.3	10.5	1	2.6	63.2	0.51	<0.05	10.8	0.225	2.30	6.3
N811374		1.7	1.9	<0.002	0.01	0.22	0.2	<1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	0.03	0.7
N811375		14.0	125.5	<0.002	0.14	10.35	9.7	<1	1.6	85.6	0.69	<0.05	11.6	0.251	2.14	4.5
N811376		10.0	184.0	<0.002	0.16	11.15	8.5	1	1.3	89.1	0.61	<0.05	12.1	0.191	2.21	3.4
N811377		13.1	110.5	<0.002	0.14	3.96	9.2	<1	1.5	234	0.69	<0.05	10.2	0.235	1.56	3.8
N811378		15.2	97.5	<0.002	0.03	1.56	10.5	1	1.4	378	0.63	<0.05	10.7	0.262	1.02	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12186246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811343		64	2.8	6.1	1700	22.9		
N811344		48	4.8	5.4	>10000	14.8	205	1.180
N811345		3	0.1	0.9	27	<0.5		
N811346		50	2.7	6.1	>10000	15.9		1.710
N811347		78	2.5	16.1	91	27.9		
N811348		75	1.8	16.0	75	30.4		
N811349		71	1.4	15.4	51	25.9		
N811350		57	3.1	10.5	6320	21.6		
N811351		73	1.1	14.5	386	24.8		
N811352		74	1.1	16.0	343	25.7		
N811353		70	1.3	15.0	314	29.0		
N811354		66	1.3	13.0	414	25.2		
N811355		67	1.0	13.9	46	26.6		
N811356		64	5.1	10.6	2230	23.5		
N811357		72	1.0	15.3	58	26.6		
N811358		61	1.9	11.5	385	24.1		
N811359		69	1.0	13.1	43	23.8		
N811360		55	5.1	9.4	5220	20.9		
N811361		70	1.5	11.6	53	20.9		
N811362		69	1.6	14.6	50	24.2		
N811363		73	2.3	12.4	42	23.5		
N811364		67	1.4	12.7	39	22.2		
N811365		68	0.7	14.4	76	23.8		
N811366		50	4.5	8.2	4810	19.0		
N811367		65	0.7	16.0	47	26.1		
N811368		63	1.5	15.0	49	25.1		
N811369		69	0.8	14.8	37	24.3		
N811370		71	5.3	14.4	49	23.0		
N811371		71	2.6	14.6	139	22.3		
N811372		71	1.2	14.2	31	22.2		
N811373		66	4.2	11.2	448	18.9		
N811374		2	0.1	0.9	14	<0.5		
N811375		65	1.5	11.9	51	23.2		
N811376		62	1.4	10.0	60	19.5		
N811377		67	0.9	11.3	57	21.9		
N811378		70	0.7	14.6	35	24.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12186246

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

CERTIFICATE WH12186247

Project: Klaza-101

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

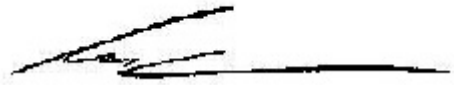
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza-101

CERTIFICATE OF ANALYSIS WH12186247

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811661		1.83	0.025	0.38	7.47	491	1540	1.27	0.35	3.17	4.18	43.7	7.6	9	14.30	8.2
N811662		1.37	<0.005	0.34	7.38	131.5	1850	1.30	0.22	3.26	0.26	48.4	8.0	8	19.85	12.0
N811663		2.94	<0.005	0.06	8.10	8.6	2120	1.41	0.21	2.80	0.10	44.1	8.4	10	20.0	11.5
N811664		0.29	4.30	>100	5.68	8300	1120	1.15	49.6	2.05	236	34.1	9.2	17	12.10	1265
N811665		2.75	<0.005	0.05	7.90	18.8	1900	1.40	0.23	2.80	0.13	45.6	8.1	9	15.50	10.1
N811666		2.13	<0.005	0.23	7.44	191.0	1380	1.52	0.21	3.42	0.53	48.7	7.7	7	21.7	6.7
N811667		1.68	<0.005	0.08	7.71	12.4	1890	1.51	0.22	2.67	0.09	47.6	7.9	8	17.90	5.4
N811668		1.66	0.006	0.26	7.85	179.0	1710	1.53	0.37	2.78	1.46	39.6	8.8	10	14.35	10.5
N811669		2.97	0.114	1.13	7.09	1600	1490	1.42	1.23	3.29	7.07	39.4	8.0	14	13.05	11.0
N811670		3.65	<0.005	0.01	0.08	<5	50	0.06	0.02	21.1	0.07	1.41	1.7	1	0.30	2.2
N811671		2.01	<0.005	0.11	7.49	12.5	960	1.49	0.15	3.56	0.31	37.6	6.2	13	8.41	3.0
N811672		3.19	<0.005	0.07	7.20	18.2	1660	1.47	0.06	3.44	0.33	34.6	6.2	14	9.09	0.8
N811673		2.91	<0.005	0.27	7.63	150.5	1840	1.72	0.16	3.66	0.56	44.5	8.2	19	20.5	2.1
N811674		2.55	<0.005	0.06	7.73	6.1	1870	1.43	0.27	2.93	0.08	40.7	7.7	8	15.85	9.8
N811675		2.27	<0.005	0.25	7.58	35.9	1510	1.54	0.38	3.87	0.10	43.3	8.1	7	28.1	6.6
N811676		3.39	<0.005	1.27	8.27	18.1	1230	1.82	1.25	3.66	0.14	46.9	10.7	8	18.20	16.2
N811677		2.36	0.368	2.29	6.11	3310	1500	1.30	0.81	3.98	12.70	40.9	10.0	6	14.55	37.1
N811678		3.70	<0.005	0.14	7.50	13.5	1870	1.52	0.36	3.29	0.15	38.9	7.8	9	15.10	11.8
N811679		1.83	<0.005	0.14	7.27	11.8	1820	1.40	0.35	3.21	0.12	36.8	7.9	9	14.00	11.9
N811680		4.24	<0.005	0.14	7.39	7.6	1820	1.52	0.52	2.97	0.10	38.9	8.3	9	16.20	20.3
N811681		0.30	2.34	24.2	6.07	3470	1630	1.34	16.70	2.28	72.7	41.5	10.7	17	14.75	432
N811682		2.71	<0.005	0.24	7.39	13.5	1910	1.44	0.59	2.82	0.15	40.0	8.5	9	12.35	22.1
N811683		3.20	0.009	0.46	7.60	153.5	1380	1.50	0.95	3.24	0.41	43.6	9.0	8	20.3	33.4
N811684		1.87	<0.005	0.27	7.71	8.5	1340	1.51	0.98	2.11	0.21	38.5	7.4	7	14.65	19.2
N811685		2.20	<0.005	0.33	7.72	72.0	500	1.63	0.36	3.05	0.39	46.8	8.4	7	17.00	9.1
N811686		2.34	<0.005	0.12	7.19	10.2	840	1.52	0.23	3.48	0.14	44.3	8.0	8	13.65	16.3
N811687		2.47	<0.005	0.69	7.45	32.2	840	1.67	0.68	3.36	0.23	47.9	9.3	11	20.7	20.4
N811688		2.04	<0.005	0.64	7.09	34.5	5560	1.25	0.92	3.72	0.37	47.4	7.2	9	18.35	66.4
N811689		1.83	0.027	0.99	7.84	99.5	5360	1.86	0.34	2.17	2.10	34.9	8.9	13	67.1	25.1
N811690		3.61	<0.005	0.02	0.12	<5	70	0.08	0.02	21.3	0.07	1.26	0.6	2	0.34	1.5
N811691		3.22	0.026	2.25	7.11	202	640	1.10	0.10	3.18	4.29	35.2	7.4	13	19.45	36.1
N811692		2.34	<0.005	0.32	7.66	7.0	1110	1.13	0.10	3.83	0.21	37.0	8.3	15	10.60	21.6
N811693		1.42	<0.005	1.82	7.06	7.0	1120	1.06	0.09	4.02	0.12	33.9	9.2	14	11.00	27.7
N811694		2.29	<0.005	0.25	7.55	9.9	1070	1.19	0.09	3.80	0.11	36.3	9.0	14	9.70	27.5
N811695		2.18	<0.005	0.19	7.57	7.9	1050	1.29	0.13	3.62	0.12	35.3	9.2	14	16.60	42.0
N811696		<0.02	<0.005	0.18	7.27	8.7	1020	1.22	0.12	3.53	0.12	34.2	9.2	14	15.80	40.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza-101

CERTIFICATE OF ANALYSIS WH12186247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811661		3.15	16.35	0.09	1.5	0.067	2.97	22.7	19.2	0.92	2680	43.8	1.19	8.3	2.9	640
N811662		3.06	15.85	0.11	1.4	0.036	2.61	27.1	57.9	1.02	839	1.80	0.80	8.0	2.9	600
N811663		3.39	17.50	0.11	1.5	0.039	2.64	23.0	34.3	0.88	591	1.23	1.67	9.1	3.2	680
N811664		8.45	14.10	0.20	1.1	4.73	2.28	19.0	34.2	0.66	3170	15.10	0.09	6.2	14.9	470
N811665		3.27	17.55	0.10	1.5	0.040	2.50	23.6	21.5	0.83	578	2.90	2.03	9.0	3.1	660
N811666		3.15	16.65	0.11	1.5	0.040	2.85	26.5	63.4	0.98	1720	1.44	0.30	8.3	2.8	610
N811667		3.22	17.90	0.13	1.4	0.044	3.30	25.1	20.8	0.76	2300	1.09	1.38	8.7	3.1	690
N811668		3.29	18.50	0.13	1.4	0.064	2.82	20.2	36.8	0.83	1410	1.32	1.34	9.3	3.6	670
N811669		3.25	17.05	0.13	1.5	0.068	3.35	20.9	10.3	1.00	5050	2.29	0.04	8.8	4.4	660
N811670		0.48	0.29	<0.05	<0.1	<0.005	0.03	0.7	1.2	13.05	214	0.21	0.01	0.5	4.6	210
N811671		2.41	18.80	0.11	2.0	0.026	3.69	20.2	11.6	1.05	1510	1.72	0.04	10.6	4.2	620
N811672		2.41	18.15	0.11	1.9	0.025	3.50	18.1	12.6	1.04	1400	1.11	0.04	10.6	4.5	620
N811673		2.67	18.10	0.12	1.9	0.036	3.46	24.6	17.4	1.17	1820	1.56	0.07	10.2	5.2	740
N811674		3.09	17.65	0.11	1.4	0.041	2.54	20.8	13.9	0.79	586	1.97	2.05	8.7	3.0	660
N811675		2.94	17.75	0.12	1.3	0.043	2.52	22.6	76.5	1.06	964	1.43	0.56	8.7	3.2	710
N811676		3.70	18.70	0.14	1.2	0.086	3.03	24.2	60.8	1.17	1300	1.24	1.02	9.4	3.7	750
N811677		4.15	14.35	0.12	0.9	0.325	2.43	23.1	33.9	1.28	5910	3.66	0.07	6.7	3.2	480
N811678		3.23	17.35	0.12	1.2	0.045	2.57	19.6	17.5	0.83	850	1.20	1.76	8.7	3.4	650
N811679		3.17	16.95	0.11	1.2	0.042	2.55	18.4	15.6	0.79	782	0.98	1.79	8.5	3.1	630
N811680		3.21	17.05	0.12	1.3	0.041	2.48	19.6	14.3	0.83	647	1.02	1.88	8.5	3.1	630
N811681		6.92	15.00	0.17	0.9	1.755	2.60	23.9	26.2	0.94	1900	13.30	0.05	6.4	16.3	450
N811682		3.29	17.40	0.11	1.3	0.092	2.59	20.5	17.1	0.79	704	1.92	1.69	8.3	3.2	660
N811683		3.30	17.35	0.12	1.2	0.112	3.19	23.1	35.5	1.05	2190	3.19	0.18	8.3	3.2	630
N811684		3.18	17.05	0.12	1.2	0.044	2.78	19.9	55.2	0.79	901	4.91	0.74	8.5	2.9	660
N811685		3.19	17.30	0.11	1.2	0.048	2.66	25.8	94.0	1.09	1960	2.07	0.06	8.5	3.1	620
N811686		3.27	16.90	0.12	1.3	0.045	2.89	22.8	33.0	1.16	997	1.56	0.61	8.4	3.3	640
N811687		3.08	15.15	0.08	1.4	0.045	2.40	22.3	62.5	1.08	974	1.91	0.34	7.5	3.0	630
N811688		2.76	13.25	0.08	1.3	0.040	2.32	26.0	48.6	1.11	1440	3.71	0.10	6.6	2.4	570
N811689		3.77	14.70	0.09	0.6	0.068	2.01	17.0	35.2	1.08	969	1.89	0.44	7.0	4.5	570
N811690		0.46	0.25	0.07	<0.1	0.005	0.03	0.6	1.2	13.10	201	0.26	0.01	0.2	1.7	210
N811691		2.85	14.05	0.09	0.6	0.039	1.74	16.6	35.7	1.01	1770	4.20	0.47	6.9	4.5	540
N811692		3.37	15.05	0.09	0.5	0.040	2.05	17.0	20.2	1.16	1190	5.79	1.54	7.4	5.0	570
N811693		3.16	14.25	0.06	0.5	0.024	2.00	16.1	17.8	1.07	1100	3.70	1.38	7.0	5.5	540
N811694		3.29	15.25	0.08	0.5	0.024	2.00	16.9	18.8	1.04	1050	2.26	1.66	7.1	4.9	560
N811695		3.12	16.25	0.10	0.7	0.052	2.31	16.1	21.0	0.96	1040	5.06	1.75	8.0	5.2	580
N811696		3.06	15.80	0.08	0.7	0.041	2.26	15.1	21.2	0.93	1030	3.90	1.68	7.7	5.3	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza-101

CERTIFICATE OF ANALYSIS WH12186247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811661		114.5	148.5	0.003	0.59	7.45	11.6	1	1.8	261	0.70	<0.05	12.2	0.285	2.07	3.4
N811662		16.7	119.5	<0.002	0.41	14.90	11.5	1	1.6	274	0.70	<0.05	15.7	0.265	1.87	6.9
N811663		14.9	110.5	<0.002	0.05	3.94	12.9	1	1.8	330	0.78	<0.05	15.9	0.310	1.28	3.5
N811664		9820	144.5	0.003	7.44	226	8.4	2	9.1	121.0	0.48	0.49	10.2	0.186	2.30	5.7
N811665		16.2	108.5	<0.002	0.03	4.31	12.3	1	1.9	397	0.83	<0.05	15.4	0.294	1.17	3.6
N811666		39.5	146.5	<0.002	0.25	14.30	11.8	1	1.8	203	0.73	<0.05	14.8	0.273	2.48	8.4
N811667		24.2	148.5	<0.002	0.11	6.72	12.4	1	1.9	321	0.69	<0.05	13.3	0.300	2.58	4.3
N811668		43.1	130.5	<0.002	0.47	8.72	12.9	1	2.1	354	0.73	<0.05	12.3	0.304	2.25	5.1
N811669		231	207	<0.002	1.47	22.5	10.7	1	1.8	99.6	0.72	<0.05	10.8	0.251	3.72	7.8
N811670		1.9	1.9	<0.002	0.01	0.05	0.4	1	<0.2	44.3	<0.05	<0.05	0.2	<0.005	0.02	0.8
N811671		28.9	219	<0.002	0.12	10.75	7.5	1	1.2	149.5	0.85	<0.05	10.5	0.219	3.63	5.7
N811672		29.1	184.5	<0.002	0.14	10.75	7.2	1	1.1	213	0.84	<0.05	9.6	0.214	3.50	4.8
N811673		26.4	223	<0.002	0.40	14.45	10.6	1	1.4	243	0.79	<0.05	12.2	0.254	3.57	5.9
N811674		16.1	101.5	<0.002	0.02	3.16	12.2	1	1.9	486	0.70	<0.05	12.2	0.291	1.33	2.5
N811675		16.2	99.3	<0.002	0.12	8.59	12.9	1	2.0	425	0.67	<0.05	11.3	0.297	1.80	5.4
N811676		20.8	153.5	<0.002	0.13	7.84	13.6	1	5.2	364	0.71	<0.05	12.6	0.325	2.92	4.0
N811677		751	158.5	<0.002	1.79	35.8	10.4	1	4.9	247	0.54	<0.05	11.5	0.213	2.58	6.9
N811678		31.0	96.6	<0.002	0.08	3.00	11.8	1	3.6	457	0.70	<0.05	11.5	0.288	1.40	3.5
N811679		22.0	88.8	<0.002	0.07	2.75	11.4	1	3.8	462	0.71	<0.05	10.7	0.284	1.37	3.2
N811680		21.3	94.0	0.002	0.07	2.40	12.2	1	4.8	473	0.69	<0.05	11.5	0.288	1.27	3.2
N811681		2850	167.0	0.002	4.95	84.7	9.0	2	8.4	86.3	0.50	0.44	11.6	0.182	2.44	5.5
N811682		24.5	95.7	<0.002	0.06	4.26	12.0	1	2.8	416	0.67	<0.05	10.9	0.292	1.34	3.9
N811683		40.9	148.5	<0.002	0.39	12.30	12.6	1	4.5	271	0.70	0.05	12.9	0.282	2.52	5.4
N811684		39.0	107.5	0.002	0.04	6.71	12.7	1	2.9	310	0.68	0.06	11.9	0.295	1.67	2.7
N811685		41.1	142.0	<0.002	0.34	10.25	13.0	1	2.0	276	0.69	<0.05	13.1	0.286	2.18	3.2
N811686		17.2	118.5	<0.002	0.05	7.49	12.2	1	1.9	267	0.67	<0.05	11.1	0.287	2.24	3.1
N811687		32.1	88.8	0.002	0.16	9.48	11.0	1	1.8	341	0.61	<0.05	11.5	0.268	1.61	5.6
N811688		42.2	120.5	<0.002	0.27	29.5	10.6	<1	1.7	459	0.51	0.05	11.8	0.255	1.84	4.7
N811689		301	77.9	0.002	0.41	10.25	11.2	<1	1.4	532	0.59	<0.05	10.4	0.296	1.21	2.3
N811690		1.7	1.4	<0.002	0.01	0.22	0.2	<1	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811691		347	53.1	0.002	0.39	26.3	10.2	<1	1.5	321	0.55	<0.05	8.3	0.278	1.09	2.5
N811692		22.1	63.8	0.003	0.14	2.15	11.1	<1	1.8	565	0.57	<0.05	8.1	0.302	0.97	2.3
N811693		14.8	59.6	<0.002	0.19	2.18	10.0	1	1.5	483	0.54	<0.05	7.5	0.286	0.84	2.4
N811694		45.9	65.6	<0.002	0.21	2.56	11.0	<1	1.7	564	0.53	<0.05	7.7	0.296	0.91	2.1
N811695		12.6	86.2	<0.002	0.10	7.55	11.1	1	1.9	486	0.63	<0.05	8.1	0.306	1.13	2.4
N811696		12.8	78.6	0.003	0.10	7.62	10.5	<1	1.8	476	0.65	<0.05	8.0	0.302	1.18	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza-101

CERTIFICATE OF ANALYSIS WH12186247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811661		77	9.7	14.0	454	41.2	<1	
N811662		75	7.5	16.6	55	40.6	<1	
N811663		86	3.1	15.9	44	46.6	<1	
N811664		55	4.9	9.8	>10000	34.8	123	1.590
N811665		83	3.2	16.1	45	42.7	<1	
N811666		78	3.3	16.0	98	43.7	<1	
N811667		84	4.0	14.9	64	44.7	<1	
N811668		85	7.1	15.7	220	41.2	<1	
N811669		71	3.2	13.2	605	47.0	<1	
N811670		2	0.1	0.9	17	<0.5	<1	
N811671		57	1.9	12.3	110	64.4	<1	
N811672		56	2.0	11.6	115	63.3	<1	
N811673		73	3.0	14.5	135	61.6	<1	
N811674		83	2.8	14.5	45	40.5	<1	
N811675		87	6.5	17.7	62	39.1	<1	
N811676		89	10.5	15.8	94	35.0	<1	
N811677		64	4.4	14.9	1020	26.7	<1	
N811678		82	2.0	15.0	61	33.7	<1	
N811679		81	2.1	14.2	59	33.2	<1	
N811680		83	3.3	14.8	56	36.4	<1	
N811681		57	5.4	9.9	5490	27.3	24	
N811682		82	4.7	15.2	62	36.2	<1	
N811683		81	3.6	16.3	93	33.7	<1	
N811684		83	2.5	13.9	100	33.5	<1	
N811685		80	3.0	15.7	91	35.1	<1	
N811686		82	2.6	15.2	84	36.6	<1	
N811687		75	4.4	14.6	79	35.9	<1	
N811688		68	2.7	15.1	110	30.5	<1	
N811689		92	11.3	11.6	231	12.5	<1	
N811690		2	0.1	0.8	11	<0.5	<1	
N811691		84	8.8	11.6	359	11.5	<1	
N811692		94	5.1	12.2	71	10.1	<1	
N811693		91	15.0	12.4	47	9.9	<1	
N811694		93	4.4	13.6	50	8.9	<1	
N811695		93	2.9	12.9	55	12.5	<1	
N811696		92	2.7	12.3	56	12.0	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza-101

CERTIFICATE OF ANALYSIS WH12186247

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12186248

Project: Klaza

P.O. No.: Batch 1

This report is for 210 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

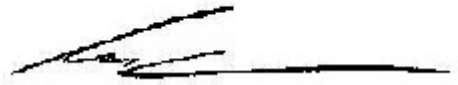
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51501		0.19	0.019	1.1	1.43	67	<10	190	<0.5	5	0.28	0.6	9	17	28	2.50
ZZ51502		0.30	0.135	0.7	1.27	80	<10	140	<0.5	9	0.29	0.6	7	19	36	2.96
ZZ51503		0.21	0.016	0.5	1.64	73	<10	270	<0.5	4	0.43	0.5	7	25	36	2.76
ZZ51504		0.31	0.028	1.5	1.49	95	<10	300	0.5	7	0.37	1.0	6	21	55	2.87
ZZ51505		0.26	0.017	1.3	1.29	65	<10	300	<0.5	3	0.32	0.5	5	16	42	2.41
ZZ51506		0.27	0.017	0.3	1.05	54	<10	150	<0.5	3	0.25	<0.5	6	19	15	2.19
ZZ51507		0.30	0.080	3.3	2.03	403	<10	420	0.8	10	0.63	4.0	11	22	77	4.38
ZZ51508		0.24	0.031	1.0	0.96	192	<10	180	<0.5	3	0.29	2.1	6	15	20	2.46
ZZ51509		0.19	0.038	2.8	1.72	75	<10	260	<0.5	3	0.54	1.7	6	20	23	2.37
ZZ51510		0.16	0.007	<0.2	1.13	12	<10	250	<0.5	<2	0.45	0.6	5	20	19	1.57
ZZ51511		0.25	0.007	0.4	1.23	22	<10	200	<0.5	<2	0.40	0.5	5	21	23	1.90
ZZ51512		0.24	0.005	0.3	1.32	10	<10	200	<0.5	2	0.45	0.5	4	22	28	1.71
ZZ51513		0.23	0.020	1.3	1.75	28	<10	280	0.6	2	0.55	1.5	6	23	61	2.36
ZZ51514		0.19	0.030	0.4	2.29	32	<10	420	0.6	<2	0.40	<0.5	9	31	35	2.92
ZZ51515		0.26	0.016	1.4	1.91	20	<10	490	0.6	<2	0.63	0.9	9	28	56	2.54
ZZ51516		0.32	0.010	0.4	1.69	22	<10	300	<0.5	<2	0.36	<0.5	7	26	17	2.21
ZZ51517		0.25	0.024	0.6	1.34	41	<10	300	0.5	<2	0.44	0.6	7	19	31	2.04
ZZ51518		0.21	0.012	1.3	1.39	22	<10	380	0.5	2	0.62	<0.5	6	19	31	2.13
ZZ51519		0.18	<0.005	0.5	1.03	13	<10	100	<0.5	<2	0.15	0.8	6	16	10	1.92
ZZ51520		0.25	<0.005	0.2	1.36	15	<10	250	<0.5	<2	0.27	<0.5	7	26	18	1.85
ZZ51521		0.25	0.006	1.2	2.00	43	<10	190	<0.5	<2	0.15	0.7	9	25	16	2.44
ZZ51522		0.19	<0.005	0.8	1.76	24	<10	160	<0.5	2	0.21	0.5	6	23	11	2.80
ZZ51523		0.25	<0.005	0.4	2.32	29	<10	210	<0.5	2	0.25	<0.5	8	38	15	2.88
ZZ51524		0.28	0.005	0.8	2.12	54	<10	180	<0.5	2	0.17	0.6	10	25	18	2.73
ZZ51525		0.20	<0.005	0.4	1.93	15	<10	140	<0.5	<2	0.19	<0.5	8	28	16	2.65
ZZ51526		0.27	0.005	0.3	2.10	17	<10	170	0.5	<2	0.22	<0.5	7	27	18	2.44
ZZ51527		0.27	<0.005	0.7	1.73	14	<10	210	<0.5	<2	0.32	<0.5	6	29	9	2.40
ZZ51528		0.28	<0.005	0.2	2.71	12	<10	200	0.5	2	0.30	<0.5	9	43	19	3.34
ZZ51529		0.19	<0.005	0.2	1.45	10	<10	140	<0.5	2	0.19	0.5	7	25	12	2.45
ZZ51530		0.20	<0.005	0.2	1.45	15	<10	140	<0.5	2	0.23	<0.5	7	23	10	2.24
ZZ51531		0.19	<0.005	1.1	1.62	14	<10	220	<0.5	<2	0.27	0.8	7	28	11	2.62
ZZ51532		0.21	<0.005	0.9	1.42	11	<10	170	<0.5	<2	0.21	0.5	7	23	15	2.12
ZZ51533		0.21	0.005	0.3	1.07	18	<10	190	<0.5	<2	0.31	<0.5	4	17	11	1.62
ZZ51534		0.26	0.008	1.0	1.45	32	<10	220	<0.5	<2	0.59	<0.5	5	23	29	2.09
ZZ51535		0.21	0.014	1.1	1.05	33	<10	180	<0.5	<2	0.41	0.8	4	19	24	1.83
ZZ51536		0.29	0.015	0.4	1.38	30	<10	290	<0.5	2	0.43	<0.5	5	24	26	2.10
ZZ51537		0.32	0.030	0.8	1.23	21	<10	250	0.5	<2	0.41	0.6	5	19	42	2.01
ZZ51538		0.33	0.018	0.5	0.94	23	<10	210	<0.5	<2	0.34	0.5	4	19	22	1.79
ZZ51539		0.13	0.024	1.2	2.55	26	<10	400	0.7	<2	0.62	<0.5	7	33	43	3.06
ZZ51540		0.25	0.010	0.4	1.25	13	<10	210	<0.5	<2	0.44	0.5	5	23	21	1.77

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51501		10	<1	0.07	10	0.32	376	2	0.03	8	600	47	0.05	2	2	30
ZZ51502		<10	<1	0.08	10	0.43	380	2	0.02	9	350	42	0.05	<2	3	34
ZZ51503		10	<1	0.08	10	0.49	290	1	0.02	13	390	25	0.03	2	3	39
ZZ51504		<10	<1	0.08	20	0.42	351	4	0.02	10	400	103	0.04	2	3	41
ZZ51505		<10	<1	0.08	10	0.24	225	5	0.03	8	530	29	0.04	2	2	36
ZZ51506		<10	<1	0.06	10	0.35	363	6	0.02	7	310	18	0.02	<2	2	23
ZZ51507		10	<1	0.14	20	0.41	779	5	0.02	13	930	109	0.10	9	5	80
ZZ51508		<10	<1	0.06	10	0.30	525	2	0.02	7	520	42	0.03	3	3	26
ZZ51509		<10	<1	0.10	10	0.32	648	1	0.03	9	790	63	0.06	3	4	51
ZZ51510		<10	<1	0.11	10	0.31	248	<1	0.03	8	570	28	0.04	2	4	32
ZZ51511		<10	<1	0.08	10	0.38	362	1	0.02	9	340	49	0.03	<2	3	32
ZZ51512		<10	<1	0.08	10	0.39	238	<1	0.03	10	570	16	0.05	<2	3	37
ZZ51513		<10	<1	0.11	10	0.36	452	1	0.03	10	480	39	0.04	<2	4	47
ZZ51514		10	<1	0.12	10	0.51	604	1	0.02	14	350	25	0.03	<2	4	37
ZZ51515		10	<1	0.10	20	0.41	705	1	0.03	11	430	44	0.04	2	4	55
ZZ51516		10	<1	0.08	10	0.47	437	<1	0.02	10	270	25	0.02	<2	3	28
ZZ51517		<10	<1	0.10	10	0.36	381	<1	0.03	10	440	43	0.03	2	3	33
ZZ51518		<10	<1	0.09	10	0.32	529	1	0.04	10	700	42	0.05	3	3	44
ZZ51519		10	<1	0.09	<10	0.25	505	1	0.03	6	280	28	0.02	<2	2	18
ZZ51520		<10	<1	0.07	20	0.33	536	<1	0.02	10	390	16	0.03	<2	2	29
ZZ51521		10	<1	0.09	10	0.40	569	<1	0.02	16	330	47	0.02	2	3	16
ZZ51522		10	<1	0.07	10	0.31	423	1	0.02	8	360	25	0.02	<2	3	22
ZZ51523		10	<1	0.09	10	0.58	403	<1	0.02	16	430	15	0.02	2	4	23
ZZ51524		<10	<1	0.10	10	0.41	489	1	0.02	15	330	41	0.02	3	3	18
ZZ51525		10	<1	0.07	10	0.40	608	<1	0.02	12	520	11	0.03	<2	3	21
ZZ51526		10	<1	0.08	10	0.50	283	1	0.02	15	360	13	0.02	<2	4	22
ZZ51527		10	<1	0.06	10	0.46	446	<1	0.03	9	240	12	0.02	<2	3	29
ZZ51528		10	<1	0.13	10	0.76	339	1	0.02	22	430	9	0.03	<2	4	33
ZZ51529		10	<1	0.13	10	0.39	327	1	0.02	11	470	15	0.02	<2	2	19
ZZ51530		<10	<1	0.10	10	0.41	358	1	0.02	11	350	20	0.02	<2	3	21
ZZ51531		10	<1	0.10	10	0.43	980	<1	0.02	11	350	35	0.02	<2	3	29
ZZ51532		10	<1	0.08	10	0.37	670	1	0.03	10	250	20	0.02	<2	3	23
ZZ51533		<10	<1	0.07	10	0.34	389	1	0.02	7	370	19	0.02	<2	2	24
ZZ51534		<10	<1	0.08	10	0.41	318	<1	0.02	10	470	30	0.04	<2	3	47
ZZ51535		<10	<1	0.08	10	0.35	355	<1	0.03	8	330	55	0.03	2	3	33
ZZ51536		<10	<1	0.09	10	0.44	324	<1	0.03	12	360	31	0.03	<2	4	34
ZZ51537		<10	<1	0.08	10	0.32	392	<1	0.02	15	460	47	0.02	<2	3	32
ZZ51538		<10	<1	0.07	10	0.33	264	<1	0.02	10	340	27	<0.01	<2	3	25
ZZ51539		10	1	0.12	10	0.49	369	<1	0.02	17	830	45	0.04	<2	6	51
ZZ51540		<10	<1	0.07	10	0.43	286	<1	0.02	13	500	24	0.01	<2	4	30

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51501		<20	0.05	<10	<10	52	<10	74
ZZ51502		<20	0.06	<10	<10	47	<10	84
ZZ51503		<20	0.06	<10	<10	51	<10	59
ZZ51504		<20	0.04	<10	<10	47	<10	95
ZZ51505		<20	0.04	<10	<10	51	<10	62
ZZ51506		<20	0.05	<10	<10	41	<10	59
ZZ51507		<20	0.02	<10	<10	48	<10	349
ZZ51508		<20	0.04	<10	<10	35	<10	204
ZZ51509		<20	0.04	<10	<10	44	<10	155
ZZ51510		<20	0.06	<10	<10	47	<10	82
ZZ51511		<20	0.05	<10	<10	37	<10	107
ZZ51512		<20	0.05	<10	<10	35	<10	80
ZZ51513		<20	0.04	<10	<10	42	<10	247
ZZ51514		<20	0.03	<10	<10	56	<10	116
ZZ51515		<20	0.06	<10	<10	57	<10	116
ZZ51516		<20	0.06	<10	<10	49	<10	83
ZZ51517		<20	0.03	<10	<10	37	<10	141
ZZ51518		<20	0.04	<10	<10	42	<10	93
ZZ51519		<20	0.07	<10	<10	51	<10	88
ZZ51520		<20	0.05	<10	<10	44	<10	52
ZZ51521		<20	0.06	<10	<10	48	<10	107
ZZ51522		<20	0.05	<10	<10	57	<10	77
ZZ51523		<20	0.10	<10	<10	69	<10	65
ZZ51524		<20	0.04	<10	<10	47	<10	95
ZZ51525		<20	0.08	<10	<10	61	<10	63
ZZ51526		<20	0.07	<10	<10	52	<10	55
ZZ51527		<20	0.09	<10	<10	62	<10	91
ZZ51528		<20	0.11	<10	<10	79	<10	75
ZZ51529		<20	0.08	<10	<10	58	<10	76
ZZ51530		<20	0.07	<10	<10	50	<10	80
ZZ51531		<20	0.08	<10	<10	62	<10	165
ZZ51532		<20	0.07	<10	<10	50	<10	99
ZZ51533		<20	0.05	<10	<10	34	<10	59
ZZ51534		<20	0.04	<10	<10	41	<10	90
ZZ51535		<20	0.05	<10	<10	35	<10	114
ZZ51536		<20	0.06	<10	<10	42	<10	92
ZZ51537		<20	0.05	<10	<10	40	<10	102
ZZ51538		<20	0.05	<10	<10	35	<10	96
ZZ51539		<20	0.04	<10	<10	54	<10	168
ZZ51540		<20	0.07	<10	<10	41	<10	83

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51541		0.28	0.006	0.3	1.20	13	<10	200	<0.5	<2	0.46	<0.5	3	19	14	1.71
ZZ51542		0.27	0.013	0.5	1.33	25	<10	260	0.5	<2	0.57	0.5	6	28	23	2.23
ZZ51543		0.24	0.020	1.6	1.44	31	<10	210	<0.5	<2	0.50	<0.5	4	20	15	2.07
ZZ51544		0.19	0.053	2.2	1.72	142	<10	340	0.6	4	0.53	1.5	7	25	48	3.15
ZZ51545		0.34	0.027	0.8	1.20	117	<10	230	<0.5	2	0.37	0.6	5	19	30	2.51
ZZ51546		0.45	0.031	0.8	1.36	53	<10	190	<0.5	3	0.42	0.6	5	20	28	2.26
ZZ51547		0.17	0.062	3.9	1.68	42	<10	380	0.6	8	0.55	0.7	3	15	25	2.15
ZZ51548		0.17	0.068	6.2	2.08	244	<10	320	0.7	12	0.61	1.6	4	20	56	4.55
ZZ51549		0.23	0.034	2.4	2.15	62	<10	370	0.6	5	0.53	1.4	6	27	56	2.87
ZZ51550		0.40	0.012	0.8	1.13	67	<10	150	<0.5	3	0.37	0.9	5	18	38	2.54
ZZ51911		0.42	0.013	1.0	0.99	36	<10	190	<0.5	<2	0.42	1.1	4	16	12	1.75
ZZ51912		0.25	0.041	4.4	0.88	52	<10	120	<0.5	<2	0.26	0.8	3	8	12	1.28
ZZ51913		0.25	0.009	0.5	1.38	37	<10	170	<0.5	<2	0.37	<0.5	6	22	12	2.03
ZZ51914		0.34	0.005	0.7	0.93	27	<10	150	<0.5	<2	0.61	<0.5	4	10	14	1.38
ZZ51915		0.31	0.021	1.6	1.00	40	<10	160	<0.5	<2	0.34	1.4	11	13	20	2.26
ZZ51916		0.19	0.005	0.4	0.37	5	<10	80	<0.5	<2	0.31	0.6	3	5	7	0.93
ZZ51917		0.45	0.007	0.7	1.62	61	<10	190	<0.5	<2	0.30	<0.5	6	24	17	2.36
ZZ51918		0.45	0.045	2.6	1.41	126	<10	210	<0.5	<2	0.37	0.7	7	21	20	2.34
ZZ51919		0.33	<0.005	0.8	0.49	7	<10	80	<0.5	<2	0.22	<0.5	3	6	6	1.24
ZZ51920		0.38	0.032	0.6	1.35	46	<10	270	<0.5	<2	0.41	<0.5	6	19	14	2.32
ZZ51921		Not Recvd														
ZZ51922		Not Recvd														
ZZ51923		Not Recvd														
ZZ51924		Not Recvd														
ZZ51925		Not Recvd														
ZZ51926		Not Recvd														
ZZ51927		Not Recvd														
ZZ51928		Not Recvd														
ZZ51929		Not Recvd														
ZZ51930		Not Recvd														
ZZ51931		Not Recvd														
ZZ51932		Not Recvd														
ZZ51933		Not Recvd														
ZZ51934		Not Recvd														
ZZ51935		Not Recvd														
ZZ51936		Not Recvd														
ZZ51937		Not Recvd														
ZZ51938		Not Recvd														
ZZ51939		Not Recvd														
ZZ51940		Not Recvd														

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51541		<10	<1	0.08	10	0.31	195	<1	0.03	8	490	29	0.02	<2	3	33
ZZ51542		<10	1	0.12	10	0.39	330	<1	0.02	14	770	31	0.01	<2	5	39
ZZ51543		<10	<1	0.08	10	0.29	182	<1	0.02	9	780	60	0.02	<2	4	36
ZZ51544		<10	<1	0.09	20	0.37	624	3	0.02	12	990	44	0.06	2	4	54
ZZ51545		<10	<1	0.07	10	0.36	333	7	0.02	10	600	28	0.02	<2	3	33
ZZ51546		<10	1	0.09	20	0.44	290	23	0.02	10	840	20	0.01	<2	4	29
ZZ51547		<10	1	0.11	10	0.19	111	4	0.02	8	730	56	0.06	<2	4	51
ZZ51548		10	1	0.13	20	0.34	290	4	0.02	10	860	133	0.07	2	4	54
ZZ51549		10	<1	0.12	20	0.49	290	2	0.02	15	620	79	0.03	<2	6	44
ZZ51550		<10	<1	0.07	10	0.38	234	1	0.02	10	620	41	0.02	2	3	31
ZZ51911		<10	<1	0.06	<10	0.29	286	1	0.03	8	410	35	0.03	<2	2	30
ZZ51912		<10	<1	0.05	<10	0.12	119	<1	0.04	5	450	21	0.02	<2	2	19
ZZ51913		<10	1	0.07	10	0.46	332	<1	0.02	13	310	22	0.01	<2	3	23
ZZ51914		<10	<1	0.04	<10	0.18	381	<1	0.03	6	710	12	0.06	<2	1	39
ZZ51915		<10	<1	0.04	10	0.20	1770	<1	0.03	8	770	26	0.04	<2	2	25
ZZ51916		<10	1	0.02	<10	0.09	153	<1	0.04	4	410	2	0.03	<2	1	23
ZZ51917		<10	<1	0.08	10	0.45	376	<1	0.02	11	460	26	0.01	<2	3	22
ZZ51918		<10	<1	0.08	10	0.56	490	<1	0.02	11	580	395	<0.01	4	4	23
ZZ51919		<10	<1	0.03	<10	0.10	110	<1	0.04	3	630	7	0.01	<2	1	15
ZZ51920		<10	<1	0.07	10	0.38	423	<1	0.02	9	450	30	0.01	2	3	31
ZZ51921																
ZZ51922																
ZZ51923																
ZZ51924																
ZZ51925																
ZZ51926																
ZZ51927																
ZZ51928																
ZZ51929																
ZZ51930																
ZZ51931																
ZZ51932																
ZZ51933																
ZZ51934																
ZZ51935																
ZZ51936																
ZZ51937																
ZZ51938																
ZZ51939																
ZZ51940																

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51541		<20	0.06	<10	<10	37	<10	71
ZZ51542		<20	0.06	<10	<10	45	<10	99
ZZ51543		<20	0.06	<10	<10	50	<10	112
ZZ51544		<20	0.03	<10	<10	47	<10	128
ZZ51545		<20	0.05	<10	<10	42	<10	80
ZZ51546		<20	0.05	<10	<10	41	<10	77
ZZ51547		<20	0.01	<10	<10	40	<10	94
ZZ51548		<20	0.02	<10	<10	47	<10	213
ZZ51549		<20	0.05	<10	<10	50	<10	119
ZZ51550		<20	0.06	<10	<10	44	<10	84
ZZ51911		<20	0.06	<10	<10	45	<10	112
ZZ51912		<20	0.05	<10	<10	34	<10	142
ZZ51913		<20	0.07	<10	<10	42	<10	80
ZZ51914		<20	0.04	<10	<10	34	<10	57
ZZ51915		<20	0.06	<10	<10	61	<10	103
ZZ51916		<20	0.04	<10	<10	29	<10	48
ZZ51917		<20	0.06	<10	<10	51	<10	94
ZZ51918		<20	0.11	<10	<10	53	<10	90
ZZ51919		<20	0.05	<10	<10	38	<10	42
ZZ51920		<20	0.03	<10	<10	41	<10	72
ZZ51921								
ZZ51922								
ZZ51923								
ZZ51924								
ZZ51925								
ZZ51926								
ZZ51927								
ZZ51928								
ZZ51929								
ZZ51930								
ZZ51931								
ZZ51932								
ZZ51933								
ZZ51934								
ZZ51935								
ZZ51936								
ZZ51937								
ZZ51938								
ZZ51939								
ZZ51940								

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51941		0.33	0.016	1.2	1.99	47	<10	260	<0.5	<2	0.57	0.6	5	22	21	2.45
ZZ51942		0.35	0.011	1.6	1.09	31	<10	130	<0.5	<2	0.33	0.5	8	16	13	1.68
ZZ51943		0.19	0.022	2.6	0.96	27	<10	140	<0.5	<2	0.27	1.5	3	12	13	1.33
ZZ51944		0.33	0.028	2.0	1.23	108	<10	150	<0.5	3	0.24	1.0	6	14	22	2.22
ZZ51945		0.48	0.050	2.7	1.46	68	<10	240	<0.5	<2	0.31	1.0	5	20	23	2.23
ZZ51946		0.24	<0.005	0.4	0.63	22	<10	70	<0.5	<2	0.16	<0.5	2	10	8	1.30
ZZ51947		0.29	0.008	0.5	1.65	37	<10	130	<0.5	<2	0.21	<0.5	6	25	14	2.43
ZZ51948		0.49	0.032	1.4	0.98	144	<10	140	<0.5	<2	0.29	0.5	5	11	13	2.10
ZZ51949		0.22	0.020	1.7	0.91	31	<10	150	<0.5	3	0.36	<0.5	3	12	14	1.42
ZZ51950		0.29	0.019	1.2	1.34	28	<10	210	<0.5	<2	0.29	<0.5	5	18	17	2.19
ZZ51951		0.40	0.012	0.8	0.92	16	<10	130	<0.5	<2	0.24	<0.5	4	14	13	1.52
ZZ51952		0.32	0.042	3.8	0.83	104	<10	120	<0.5	<2	0.21	1.8	3	9	13	1.74
ZZ51953		0.22	0.044	3.2	1.52	54	<10	250	0.5	<2	0.61	2.3	4	14	25	1.89
ZZ51954		0.46	0.015	1.5	1.61	50	<10	170	<0.5	<2	0.35	<0.5	5	21	21	2.13
ZZ51955		0.26	0.005	1.6	0.67	14	<10	90	<0.5	<2	0.26	0.5	3	9	8	1.12
ZZ51956		0.42	0.010	1.2	1.28	18	<10	160	<0.5	<2	0.25	<0.5	3	12	11	1.30
ZZ51957		0.33	0.009	1.4	1.42	21	<10	200	<0.5	<2	0.31	0.7	4	16	12	1.65
ZZ51958		0.28	0.011	1.5	1.68	54	<10	270	<0.5	<2	0.59	0.5	7	24	25	2.20
ZZ51959		0.41	0.005	1.3	0.60	13	<10	70	<0.5	<2	0.24	<0.5	2	7	9	0.94
ZZ51960		0.30	0.007	1.0	0.58	13	<10	110	<0.5	<2	0.32	<0.5	2	6	9	0.85
ZZ51961		0.29	<0.005	1.1	0.97	25	<10	140	<0.5	<2	0.42	<0.5	4	11	13	1.42
ZZ51962		0.35	0.005	0.7	1.02	52	<10	180	<0.5	<2	0.29	<0.5	8	19	21	2.24
ZZ51963		0.24	<0.005	0.2	0.52	5	<10	50	<0.5	<2	0.08	<0.5	3	9	5	1.20
ZZ51964		0.33	<0.005	0.3	0.40	2	<10	40	<0.5	<2	0.06	<0.5	2	4	5	0.67
ZZ51965		0.38	<0.005	0.9	1.44	18	<10	150	<0.5	<2	0.19	<0.5	6	25	14	2.45
ZZ51966		0.22	<0.005	0.6	0.67	10	<10	70	<0.5	<2	0.15	0.6	5	11	8	1.52
ZZ51967		0.38	0.005	1.7	1.67	20	<10	90	<0.5	<2	0.16	<0.5	5	24	13	2.53
ZZ51968		0.46	<0.005	2.0	1.76	23	<10	140	<0.5	<2	0.19	<0.5	7	27	12	2.57
ZZ51969		0.41	0.006	1.1	1.55	28	<10	110	<0.5	<2	0.21	<0.5	6	22	12	2.54
ZZ51970		0.41	0.012	2.4	2.36	76	<10	300	0.8	<2	0.43	0.5	8	29	45	3.12
ZZ51971		0.43	0.035	13.9	1.59	150	<10	220	0.5	<2	0.59	1.6	6	23	36	2.24
ZZ51972		0.34	0.017	0.2	0.69	18	<10	90	<0.5	<2	0.20	<0.5	3	14	8	1.61
ZZ51973		0.42	0.018	1.4	1.49	70	<10	170	<0.5	<2	0.34	<0.5	6	22	27	2.46
ZZ51974		0.49	0.078	2.5	1.48	80	<10	200	0.5	4	0.30	1.3	6	23	29	2.55
ZZ51975		0.35	0.026	1.1	1.12	47	<10	150	<0.5	<2	0.29	0.7	5	15	18	2.04
ZZ51976		0.45	0.013	2.3	0.58	39	<10	70	<0.5	<2	0.20	0.5	3	8	7	1.10
ZZ51977		0.42	0.005	1.5	1.02	20	<10	130	<0.5	<2	0.35	0.6	5	11	12	1.37
ZZ51978		0.23	<0.005	0.9	0.61	8	<10	110	<0.5	<2	0.34	0.6	3	8	9	0.89
ZZ51979		0.29	<0.005	0.5	0.73	13	<10	110	<0.5	<2	0.30	<0.5	3	10	9	1.18
ZZ51980		0.33	0.013	1.1	1.32	51	<10	160	<0.5	<2	0.27	<0.5	4	17	13	1.87

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51941		10	<1	0.10	10	0.37	417	<1	0.03	11	840	20	0.05	<2	4	42
ZZ51942		<10	<1	0.06	10	0.29	628	<1	0.03	7	640	29	0.02	<2	2	24
ZZ51943		<10	<1	0.06	10	0.21	184	<1	0.03	6	750	40	0.05	<2	1	22
ZZ51944		<10	<1	0.07	10	0.23	587	<1	0.03	8	690	52	0.04	2	1	25
ZZ51945		<10	<1	0.07	10	0.33	253	<1	0.02	10	510	107	0.03	2	3	29
ZZ51946		<10	<1	0.03	<10	0.13	91	<1	0.02	4	280	6	0.02	<2	1	15
ZZ51947		10	<1	0.06	10	0.46	241	<1	0.02	14	300	9	0.01	<2	3	17
ZZ51948		<10	1	0.06	10	0.21	224	<1	0.03	7	500	16	0.01	2	3	20
ZZ51949		<10	1	0.06	10	0.19	101	<1	0.04	7	740	11	0.06	<2	1	27
ZZ51950		<10	<1	0.07	10	0.28	227	<1	0.03	10	490	8	0.02	<2	3	22
ZZ51951		<10	1	0.04	10	0.25	158	<1	0.03	8	470	30	0.02	<2	1	20
ZZ51952		<10	<1	0.06	10	0.16	268	<1	0.03	4	420	190	0.02	5	2	20
ZZ51953		<10	<1	0.07	10	0.26	351	<1	0.03	10	950	38	0.07	<2	2	52
ZZ51954		10	<1	0.08	10	0.36	355	<1	0.02	10	690	33	0.03	<2	2	27
ZZ51955		<10	<1	0.04	<10	0.15	110	<1	0.03	5	570	6	0.03	<2	1	21
ZZ51956		<10	<1	0.06	<10	0.17	139	<1	0.03	6	570	10	0.04	<2	2	24
ZZ51957		<10	<1	0.06	10	0.28	289	<1	0.02	7	720	19	0.05	<2	2	28
ZZ51958		<10	<1	0.08	10	0.39	678	<1	0.03	14	720	30	0.07	<2	3	50
ZZ51959		<10	<1	0.04	<10	0.10	109	<1	0.03	4	400	9	0.02	<2	1	17
ZZ51960		<10	<1	0.04	<10	0.09	131	<1	0.04	4	400	4	0.03	<2	1	24
ZZ51961		<10	<1	0.07	10	0.19	297	<1	0.03	6	520	17	0.02	<2	2	29
ZZ51962		<10	1	0.07	10	0.26	923	<1	0.02	9	440	43	0.01	<2	2	23
ZZ51963		<10	<1	0.04	<10	0.12	128	<1	0.02	4	200	4	<0.01	<2	1	9
ZZ51964		<10	<1	0.03	<10	0.04	72	<1	0.03	2	210	2	<0.01	<2	1	9
ZZ51965		10	<1	0.07	10	0.45	240	<1	0.02	13	260	11	<0.01	<2	3	17
ZZ51966		<10	<1	0.04	<10	0.15	291	<1	0.03	5	260	17	0.01	<2	1	15
ZZ51967		10	<1	0.06	10	0.38	168	<1	0.01	11	280	20	0.01	<2	3	16
ZZ51968		10	<1	0.08	10	0.45	355	<1	0.02	13	250	30	0.01	<2	3	18
ZZ51969		10	<1	0.08	10	0.36	276	<1	0.02	12	320	33	0.01	<2	3	19
ZZ51970		10	<1	0.13	10	0.39	702	1	0.01	14	490	78	0.01	3	4	34
ZZ51971		<10	<1	0.10	10	0.37	526	1	0.02	14	690	60	0.04	4	4	42
ZZ51972		<10	<1	0.04	10	0.23	147	<1	0.02	6	290	7	0.01	<2	2	16
ZZ51973		10	<1	0.06	10	0.35	367	1	0.02	11	730	15	0.05	<2	2	29
ZZ51974		<10	<1	0.07	10	0.40	329	<1	0.02	12	680	271	0.03	7	3	27
ZZ51975		<10	1	0.06	10	0.28	385	<1	0.02	8	690	41	0.02	3	2	21
ZZ51976		<10	1	0.04	<10	0.16	165	<1	0.03	5	460	19	0.02	<2	1	15
ZZ51977		<10	1	0.05	<10	0.17	289	<1	0.03	5	600	11	0.04	<2	2	25
ZZ51978		<10	<1	0.04	<10	0.13	145	<1	0.03	4	530	5	0.04	<2	1	27
ZZ51979		<10	<1	0.04	<10	0.18	176	<1	0.03	5	570	5	0.03	<2	1	23
ZZ51980		<10	<1	0.06	10	0.30	227	<1	0.02	9	590	24	0.02	<2	2	22

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51941		<20	0.05	<10	<10	51	<10	106
ZZ51942		<20	0.05	<10	<10	37	<10	79
ZZ51943		<20	0.03	<10	<10	25	<10	110
ZZ51944		<20	0.03	<10	<10	38	<10	126
ZZ51945		<20	0.04	<10	<10	43	<10	71
ZZ51946		<20	0.06	<10	<10	41	<10	22
ZZ51947		<20	0.08	<10	<10	51	<10	46
ZZ51948		<20	0.04	<10	<10	39	<10	89
ZZ51949		<20	0.03	<10	<10	28	<10	46
ZZ51950		<20	0.06	<10	<10	48	<10	43
ZZ51951		<20	0.04	<10	<10	32	<10	36
ZZ51952		<20	0.04	<10	<10	36	<10	171
ZZ51953		<20	0.04	<10	<10	32	<10	273
ZZ51954		<20	0.04	<10	<10	41	<10	127
ZZ51955		<20	0.04	<10	<10	30	<10	46
ZZ51956		<20	0.04	<10	<10	27	<10	71
ZZ51957		<20	0.04	<10	<10	37	<10	87
ZZ51958		<20	0.05	<10	<10	40	<10	96
ZZ51959		<20	0.03	<10	<10	22	<10	32
ZZ51960		<20	0.02	<10	<10	19	<10	24
ZZ51961		<20	0.03	<10	<10	29	<10	61
ZZ51962		<20	0.04	<10	<10	38	<10	69
ZZ51963		<20	0.06	<10	<10	36	<10	22
ZZ51964		<20	0.03	<10	<10	17	<10	13
ZZ51965		<20	0.08	<10	<10	53	<10	54
ZZ51966		<20	0.07	<10	<10	43	<10	42
ZZ51967		<20	0.07	<10	<10	55	<10	45
ZZ51968		<20	0.08	<10	<10	56	<10	79
ZZ51969		<20	0.06	<10	<10	52	<10	73
ZZ51970		<20	0.02	<10	<10	54	<10	154
ZZ51971		<20	0.03	<10	<10	40	<10	212
ZZ51972		<20	0.06	<10	<10	44	<10	38
ZZ51973		<20	0.04	<10	<10	54	<10	53
ZZ51974		<20	0.04	<10	<10	41	<10	124
ZZ51975		<20	0.03	<10	<10	34	<10	126
ZZ51976		<20	0.04	<10	<10	26	<10	70
ZZ51977		<20	0.04	<10	<10	31	<10	50
ZZ51978		<20	0.03	<10	<10	21	<10	44
ZZ51979		<20	0.04	<10	<10	30	<10	52
ZZ51980		<20	0.05	<10	<10	44	<10	63

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51981		0.31	0.015	1.5	1.34	45	<10	210	<0.5	<2	0.35	<0.5	5	15	18	1.90
ZZ51982		0.35	0.014	1.8	1.14	46	<10	230	<0.5	<2	0.39	<0.5	4	14	20	1.67
ZZ51983		0.53	0.014	3.1	1.67	76	<10	310	0.6	<2	0.50	<0.5	6	20	33	2.64
ZZ51984		0.38	0.015	0.9	1.12	46	<10	230	<0.5	<2	0.40	<0.5	5	19	19	1.85
ZZ51985		0.50	0.007	0.5	1.43	37	<10	200	<0.5	<2	0.45	<0.5	6	25	20	2.20
ZZ51986		0.35	0.023	2.8	1.76	89	<10	400	0.7	<2	0.79	0.9	7	24	46	2.60
ZZ51987		0.35	0.007	0.8	1.43	23	<10	140	<0.5	<2	0.29	<0.5	6	24	13	2.14
ZZ51988		0.38	0.008	1.3	1.55	19	<10	230	<0.5	<2	0.23	<0.5	6	22	14	2.08
ZZ51989		0.37	0.023	1.6	1.71	63	<10	200	0.6	<2	0.66	<0.5	7	28	48	2.59
ZZ51990		0.26	0.006	1.5	1.89	37	<10	200	0.5	<2	0.34	0.7	8	24	32	2.90
ZZ51991		0.33	<0.005	0.3	1.05	8	<10	160	<0.5	<2	0.21	0.5	6	14	18	1.78
ZZ51992		0.36	<0.005	0.8	1.29	14	<10	160	<0.5	<2	0.28	<0.5	8	19	21	2.11
ZZ51993		0.45	<0.005	0.4	0.70	9	<10	80	<0.5	<2	0.17	<0.5	3	10	7	1.34
ZZ51994		0.39	0.016	0.6	1.18	55	<10	150	<0.5	<2	0.19	<0.5	5	19	13	1.88
ZZ51995		0.42	<0.005	1.1	1.58	16	<10	250	<0.5	<2	0.28	0.5	10	24	23	2.58
ZZ51996		0.43	<0.005	0.6	1.42	16	<10	120	<0.5	<2	0.21	<0.5	6	21	15	2.18
ZZ51997		0.43	0.010	0.3	2.12	18	<10	170	<0.5	<2	0.19	0.5	9	28	19	2.77
ZZ51998		0.38	0.012	1.5	1.30	46	<10	180	<0.5	<2	0.37	0.6	7	19	19	2.26
ZZ51999		0.47	<0.005	<0.2	2.00	30	<10	110	<0.5	<2	0.18	<0.5	7	25	17	3.07
ZZ52000		0.30	<0.005	0.3	1.12	5	<10	130	<0.5	<2	0.22	0.5	9	16	19	1.97
ZZ51751		0.43	0.019	0.6	1.54	79	<10	140	<0.5	2	0.20	0.7	8	22	19	2.89
ZZ51752		0.40	0.038	1.0	1.23	151	<10	200	<0.5	2	0.25	0.8	7	20	19	2.98
ZZ51753		0.44	0.012	0.2	1.50	42	<10	190	<0.5	<2	0.27	<0.5	8	23	18	2.71
ZZ51754		0.20	0.048	3.1	2.02	63	<10	330	0.7	2	0.38	1.5	10	23	33	3.13
ZZ51755		0.26	0.114	7.4	2.29	251	<10	310	0.6	3	0.47	4.5	5	21	46	3.13
ZZ51756		0.16	0.047	3.5	1.68	74	<10	240	0.5	<2	0.60	2.3	5	17	30	2.21
ZZ51757		0.27	0.017	1.4	1.95	59	<10	240	0.5	<2	0.46	0.6	6	24	29	2.61
ZZ51758		0.53	0.010	0.8	1.30	44	<10	160	<0.5	<2	0.32	<0.5	5	20	15	1.96
ZZ51759		0.32	0.009	0.9	1.87	64	<10	240	<0.5	<2	0.33	<0.5	6	23	16	2.32
ZZ51760		0.25	0.008	1.6	1.77	26	<10	250	<0.5	<2	0.47	<0.5	4	23	22	1.76
ZZ51761		0.38	0.009	0.8	1.98	55	<10	320	0.6	<2	0.72	0.5	7	29	36	2.76
ZZ51762		0.47	0.009	0.4	0.99	48	<10	160	<0.5	<2	0.37	<0.5	5	18	17	2.09
ZZ51763		0.25	0.020	2.5	2.40	31	<10	460	1.0	<2	0.90	<0.5	8	29	57	2.96
ZZ51764		0.38	<0.005	0.8	2.13	18	<10	180	0.5	<2	0.23	<0.5	8	32	25	2.88
ZZ51765		0.33	<0.005	0.2	1.40	17	<10	130	<0.5	<2	0.18	<0.5	6	22	13	2.47
ZZ51766		0.38	0.005	1.5	1.71	33	<10	140	<0.5	<2	0.16	<0.5	7	23	25	2.42
ZZ51767		0.40	0.010	0.7	1.77	27	<10	210	<0.5	<2	0.22	<0.5	7	25	21	2.55
ZZ51768		0.51	0.007	1.2	1.93	27	<10	150	<0.5	<2	0.22	<0.5	8	28	16	2.72
ZZ51769		0.36	0.009	3.0	1.72	48	<10	110	<0.5	<2	0.22	<0.5	6	22	24	2.75
ZZ51770		0.41	0.009	0.7	1.47	36	<10	240	0.5	<2	0.56	<0.5	6	21	38	2.48

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51981		<10	<1	0.06	10	0.27	252	<1	0.03	8	680	23	0.03	<2	2	27
ZZ51982		<10	<1	0.06	10	0.24	268	<1	0.03	8	630	18	0.04	2	2	31
ZZ51983		<10	<1	0.11	10	0.36	644	<1	0.02	11	690	60	0.03	3	4	37
ZZ51984		<10	<1	0.06	10	0.37	308	<1	0.02	11	610	39	0.02	2	3	27
ZZ51985		<10	<1	0.08	10	0.47	364	<1	0.02	13	470	25	0.02	<2	3	32
ZZ51986		<10	1	0.11	20	0.40	601	<1	0.02	13	540	60	0.03	3	5	49
ZZ51987		<10	<1	0.07	10	0.41	296	<1	0.02	12	350	22	0.01	<2	3	22
ZZ51988		<10	1	0.08	10	0.35	584	<1	0.02	12	300	31	0.01	<2	3	21
ZZ51989		<10	1	0.11	10	0.47	497	1	0.01	18	670	35	0.03	<2	5	45
ZZ51990		10	1	0.14	10	0.36	878	1	0.01	12	550	26	0.03	<2	3	28
ZZ51991		<10	<1	0.07	10	0.22	939	1	0.01	7	320	9	0.01	<2	2	21
ZZ51992		<10	<1	0.06	10	0.32	600	1	0.01	10	360	11	0.01	<2	3	23
ZZ51993		<10	1	0.05	10	0.18	239	<1	0.02	4	380	17	0.01	<2	1	14
ZZ51994		<10	<1	0.09	10	0.32	703	1	0.01	9	300	26	0.01	<2	2	17
ZZ51995		10	<1	0.08	10	0.34	1395	1	0.01	10	420	26	0.02	<2	2	26
ZZ51996		<10	<1	0.09	10	0.40	236	<1	0.01	12	390	13	0.01	<2	3	15
ZZ51997		10	1	0.10	10	0.46	336	1	0.01	19	360	19	0.01	<2	3	18
ZZ51998		<10	<1	0.08	10	0.28	558	<1	0.02	9	410	33	0.02	<2	3	27
ZZ51999		10	<1	0.14	10	0.54	298	1	0.01	14	450	13	0.01	2	3	16
ZZ52000		10	<1	0.05	10	0.25	814	1	0.02	8	340	9	0.02	<2	1	23
ZZ51751		<10	<1	0.08	10	0.43	334	1	0.01	13	340	17	0.02	2	3	17
ZZ51752		<10	<1	0.06	10	0.36	434	1	0.01	12	390	34	0.02	6	3	20
ZZ51753		<10	1	0.07	10	0.47	435	1	0.01	15	400	14	0.01	<2	3	20
ZZ51754		10	1	0.09	20	0.36	852	1	0.02	13	940	42	0.06	<2	4	33
ZZ51755		10	1	0.13	20	0.38	453	1	0.02	12	940	437	0.07	9	4	44
ZZ51756		<10	1	0.08	10	0.30	390	1	0.02	9	940	62	0.07	<2	3	49
ZZ51757		10	<1	0.10	10	0.39	474	1	0.01	12	780	30	0.04	<2	3	34
ZZ51758		<10	<1	0.06	10	0.41	297	1	0.01	9	500	26	0.02	<2	3	22
ZZ51759		10	1	0.09	10	0.41	511	1	0.01	10	640	28	0.04	<2	3	29
ZZ51760		10	1	0.09	10	0.38	254	1	0.02	11	680	26	0.06	<2	3	37
ZZ51761		10	1	0.10	10	0.49	490	1	0.01	16	760	25	0.05	<2	4	53
ZZ51762		<10	1	0.07	10	0.34	579	1	0.01	9	320	39	0.01	2	3	25
ZZ51763		10	1	0.13	30	0.46	576	1	0.01	18	1260	26	0.08	2	6	57
ZZ51764		10	<1	0.09	10	0.50	351	1	0.01	16	290	15	0.01	<2	4	22
ZZ51765		10	<1	0.10	10	0.36	450	1	0.01	10	260	12	0.01	<2	3	17
ZZ51766		<10	<1	0.08	10	0.43	251	1	0.01	15	280	16	0.01	<2	3	14
ZZ51767		10	<1	0.09	10	0.43	371	1	0.01	14	280	20	0.01	<2	3	21
ZZ51768		10	<1	0.12	10	0.48	291	1	0.01	18	480	20	0.01	<2	3	18
ZZ51769		10	1	0.10	10	0.37	428	1	0.01	12	340	86	0.01	3	3	20
ZZ51770		<10	1	0.10	10	0.40	498	1	0.02	11	700	43	0.03	<2	4	38

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51981		<20	0.05	<10	<10	46	<10	105
ZZ51982		<20	0.04	<10	<10	36	<10	66
ZZ51983		<20	0.03	<10	<10	44	<10	101
ZZ51984		<20	0.05	<10	<10	35	<10	62
ZZ51985		<20	0.06	<10	<10	43	<10	64
ZZ51986		<20	0.03	<10	<10	42	<10	177
ZZ51987		<20	0.06	<10	<10	47	<10	66
ZZ51988		<20	0.05	<10	<10	45	<10	55
ZZ51989		<20	0.04	<10	<10	45	<10	112
ZZ51990		<20	0.03	<10	<10	50	<10	97
ZZ51991		<20	0.05	<10	<10	39	<10	39
ZZ51992		<20	0.05	<10	<10	48	<10	49
ZZ51993		<20	0.04	<10	<10	33	<10	31
ZZ51994		<20	0.05	<10	<10	40	<10	81
ZZ51995		<20	0.06	<10	<10	59	<10	83
ZZ51996		<20	0.06	<10	<10	44	<10	51
ZZ51997		<20	0.08	<10	<10	56	<10	59
ZZ51998		<20	0.04	<10	<10	50	<10	106
ZZ51999		<20	0.09	<10	<10	68	<10	73
ZZ52000		<20	0.05	<10	<10	46	<10	61
ZZ51751		<20	0.06	<10	<10	52	<10	93
ZZ51752		<20	0.05	<10	<10	47	<10	117
ZZ51753		<20	0.07	<10	<10	48	<10	56
ZZ51754		<20	0.04	<10	<10	48	<10	118
ZZ51755		<20	0.03	<10	<10	40	<10	511
ZZ51756		<20	0.03	<10	<10	38	<10	322
ZZ51757		<20	0.05	<10	<10	52	<10	134
ZZ51758		<20	0.06	<10	<10	42	<10	89
ZZ51759		<20	0.05	<10	<10	46	<10	96
ZZ51760		<20	0.04	<10	<10	36	<10	86
ZZ51761		<20	0.04	<10	<10	50	<10	83
ZZ51762		<20	0.05	<10	<10	38	<10	85
ZZ51763		<20	0.02	<10	<10	50	<10	92
ZZ51764		<20	0.07	<10	<10	59	<10	60
ZZ51765		<20	0.08	<10	<10	54	<10	48
ZZ51766		<20	0.06	<10	<10	46	<10	53
ZZ51767		<20	0.06	<10	<10	52	<10	69
ZZ51768		<20	0.08	<10	<10	54	<10	79
ZZ51769		<20	0.05	<10	<10	49	<10	86
ZZ51770		<20	0.05	<10	<10	46	<10	78

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51771		0.42	0.031	0.3	1.47	24	<10	170	<0.5	<2	0.36	<0.5	8	24	19	2.54
ZZ51772		0.43	0.006	0.3	1.01	32	<10	160	<0.5	<2	0.36	<0.5	4	16	15	1.89
ZZ51773		0.59	<0.005	0.5	1.31	25	<10	190	<0.5	<2	0.48	<0.5	5	24	22	2.07
ZZ51774		0.71	0.008	1.0	1.30	33	<10	150	<0.5	<2	0.39	<0.5	4	22	14	1.83
ZZ51775		0.47	0.014	1.1	2.59	53	<10	310	0.5	<2	0.45	0.5	6	30	22	2.81
ZZ51776		0.37	0.010	0.6	1.64	49	<10	220	<0.5	<2	0.40	0.5	8	22	19	2.28
ZZ51777		0.46	0.021	1.1	1.62	46	<10	160	<0.5	<2	0.33	0.6	5	24	18	2.15
ZZ51778		0.38	0.035	1.5	1.27	117	<10	250	<0.5	2	0.29	1.6	5	18	20	2.31
ZZ51779		0.44	0.041	1.7	1.44	98	<10	220	<0.5	3	0.35	1.8	6	21	32	2.72
ZZ51780		0.25	0.108	4.7	2.73	135	<10	420	1.0	4	0.55	1.9	9	29	45	3.96
ZZ51781		0.56	0.025	0.7	1.27	66	<10	120	<0.5	<2	0.24	<0.5	6	20	14	2.25
ZZ51782		0.29	0.014	0.4	1.16	45	<10	120	<0.5	<2	0.30	0.5	7	20	18	2.23
ZZ51783		0.27	0.022	1.4	1.79	77	<10	230	0.5	<2	0.36	1.1	6	23	24	2.72
ZZ51784		0.26	0.092	1.4	1.57	51	<10	280	0.5	3	0.40	0.7	7	22	26	2.90
ZZ51785		0.30	0.023	0.6	1.36	26	<10	160	<0.5	<2	0.23	<0.5	5	23	13	2.30
ZZ51786		0.24	0.037	3.9	1.87	61	<10	230	<0.5	<2	0.47	2.4	5	21	24	2.42
ZZ51787		0.35	0.009	0.5	1.67	25	<10	160	<0.5	<2	0.27	<0.5	6	27	17	2.27
ZZ51788		0.22	0.016	1.7	2.06	42	<10	200	<0.5	<2	0.40	<0.5	5	22	19	2.50
ZZ51789		0.23	0.014	1.1	1.52	26	<10	190	<0.5	<2	0.38	<0.5	4	18	12	2.20
ZZ51790		0.37	<0.005	0.4	1.67	20	<10	240	0.5	<2	0.64	<0.5	9	37	29	3.26
ZZ51791		0.33	<0.005	0.3	1.40	24	<10	220	<0.5	<2	0.44	<0.5	5	24	21	2.25
ZZ51792		0.38	0.005	0.3	1.07	16	<10	180	<0.5	<2	0.39	<0.5	5	20	18	1.89
ZZ51793		0.28	0.011	0.9	1.23	42	<10	260	0.6	<2	0.45	<0.5	5	20	34	2.21
ZZ51794		0.25	0.010	1.0	1.22	32	<10	190	<0.5	<2	0.46	<0.5	5	21	24	2.06
ZZ51795		0.16	0.039	2.0	1.71	63	<10	320	0.7	<2	0.78	0.5	5	23	45	2.38
ZZ51796		0.29	0.017	1.6	1.59	55	<10	370	0.6	<2	0.62	0.7	6	26	35	2.43
ZZ51797		0.38	<0.005	0.2	1.34	17	<10	120	<0.5	<2	0.22	<0.5	7	22	13	2.01
ZZ51798		0.39	0.007	0.2	1.54	37	<10	230	<0.5	<2	0.28	<0.5	6	22	15	2.16
ZZ51799		0.30	0.010	0.9	1.34	28	<10	190	<0.5	<2	0.32	<0.5	5	19	22	1.95
ZZ51800		0.46	0.010	0.8	1.38	29	<10	260	<0.5	<2	0.48	<0.5	7	26	36	2.24
ZZ51801		0.30	<0.005	0.3	0.91	20	<10	140	<0.5	<2	0.32	<0.5	4	18	10	1.67
ZZ51802		0.26	0.049	6.8	2.87	56	<10	370	1.1	<2	0.78	0.5	5	30	83	3.17
ZZ51803		0.34	0.006	0.4	1.17	21	<10	180	<0.5	<2	0.40	<0.5	5	22	21	1.94
ZZ51804		0.40	0.005	0.7	1.62	19	<10	260	0.5	<2	0.67	<0.5	7	29	29	2.32
ZZ51805		0.42	0.005	0.3	1.16	18	<10	190	<0.5	<2	0.45	<0.5	6	26	19	2.07
ZZ51806		0.21	0.016	1.5	2.11	39	<10	260	<0.5	<2	0.47	<0.5	5	22	20	2.38
ZZ51807		0.42	0.005	0.2	1.17	22	<10	220	0.5	<2	0.49	<0.5	7	32	23	2.69
ZZ51808		0.29	0.018	1.8	1.83	21	<10	240	<0.5	<2	0.40	0.7	5	26	24	2.09
ZZ51809		0.29	0.058	1.7	1.55	74	<10	230	0.5	<2	0.37	0.9	6	23	28	2.53
ZZ51810		0.21	0.064	5.2	2.00	69	<10	230	0.6	5	0.52	1.9	8	22	55	3.35

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51771		<10	<1	0.10	10	0.46	480	1	0.01	12	370	16	0.01	<2	3	25
ZZ51772		<10	<1	0.07	10	0.32	288	1	0.01	6	460	33	0.02	<2	3	23
ZZ51773		<10	1	0.07	10	0.43	373	1	0.01	13	500	18	0.02	<2	3	33
ZZ51774		<10	<1	0.08	10	0.37	210	1	0.01	9	560	27	0.02	<2	3	26
ZZ51775		10	<1	0.11	10	0.48	481	<1	0.02	14	830	29	0.05	<2	4	40
ZZ51776		10	<1	0.09	10	0.40	821	<1	0.02	11	600	30	0.02	<2	3	30
ZZ51777		<10	<1	0.07	10	0.46	349	<1	0.02	12	530	34	0.01	<2	3	25
ZZ51778		<10	<1	0.08	10	0.37	311	<1	0.02	9	310	81	0.02	2	3	25
ZZ51779		<10	<1	0.08	10	0.40	425	<1	0.02	11	510	213	0.02	3	3	31
ZZ51780		10	1	0.12	20	0.44	654	1	0.02	19	1200	58	0.07	<2	6	47
ZZ51781		<10	1	0.06	10	0.38	227	<1	0.01	11	350	15	0.01	<2	3	20
ZZ51782		<10	<1	0.06	10	0.43	315	<1	0.02	12	450	13	0.01	<2	3	22
ZZ51783		10	<1	0.07	10	0.45	398	<1	0.02	12	340	23	0.02	<2	4	29
ZZ51784		<10	<1	0.09	10	0.39	424	1	0.02	13	680	38	0.03	<2	4	35
ZZ51785		<10	<1	0.06	10	0.43	226	<1	0.02	11	180	16	0.01	<2	3	21
ZZ51786		10	<1	0.10	10	0.36	270	<1	0.03	11	880	52	0.06	<2	3	40
ZZ51787		10	<1	0.06	10	0.45	280	<1	0.02	14	440	23	0.01	<2	4	20
ZZ51788		10	<1	0.10	10	0.36	282	<1	0.03	9	760	28	0.04	<2	4	32
ZZ51789		<10	<1	0.07	10	0.30	181	<1	0.02	8	780	32	0.03	<2	3	28
ZZ51790		10	<1	0.13	10	0.60	485	<1	0.03	21	820	9	0.02	<2	8	54
ZZ51791		<10	<1	0.09	10	0.43	284	<1	0.02	12	400	16	0.01	<2	3	33
ZZ51792		<10	<1	0.07	10	0.38	289	<1	0.02	11	640	16	0.01	<2	3	27
ZZ51793		<10	<1	0.08	20	0.36	556	<1	0.02	11	530	43	0.02	<2	4	31
ZZ51794		<10	<1	0.08	10	0.36	772	<1	0.03	10	480	45	0.02	<2	3	35
ZZ51795		<10	<1	0.14	20	0.36	597	<1	0.03	13	690	55	0.03	2	5	50
ZZ51796		<10	<1	0.10	10	0.42	646	<1	0.02	14	640	86	0.02	3	4	42
ZZ51797		<10	1	0.07	10	0.38	484	<1	0.02	11	430	16	0.01	<2	3	18
ZZ51798		<10	<1	0.09	10	0.39	375	<1	0.02	11	320	11	0.01	<2	3	23
ZZ51799		<10	1	0.09	10	0.36	403	<1	0.02	12	420	21	0.01	<2	3	21
ZZ51800		<10	<1	0.09	10	0.48	388	<1	0.02	14	430	22	0.02	2	3	36
ZZ51801		<10	1	0.07	10	0.36	260	<1	0.02	8	230	17	0.01	<2	2	23
ZZ51802		10	1	0.16	40	0.40	426	<1	0.02	19	910	52	0.07	2	8	63
ZZ51803		<10	<1	0.07	10	0.38	362	<1	0.02	11	440	29	0.01	<2	3	29
ZZ51804		10	<1	0.09	10	0.42	232	<1	0.02	14	630	29	0.03	<2	5	46
ZZ51805		<10	<1	0.09	10	0.39	249	<1	0.02	12	690	17	0.01	<2	5	32
ZZ51806		10	<1	0.12	10	0.35	317	<1	0.03	10	670	34	0.04	<2	4	42
ZZ51807		<10	1	0.13	20	0.40	343	<1	0.02	16	1000	14	<0.01	<2	6	46
ZZ51808		10	<1	0.08	10	0.32	234	<1	0.03	12	720	22	0.05	<2	4	39
ZZ51809		<10	1	0.06	20	0.44	335	<1	0.02	12	490	37	0.02	2	3	38
ZZ51810		10	1	0.10	20	0.41	498	1	0.02	14	960	671	0.07	2	3	53

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51771		<20	0.06	<10	<10	52	<10	69
ZZ51772		<20	0.04	<10	<10	35	<10	56
ZZ51773		<20	0.05	<10	<10	42	<10	51
ZZ51774		<20	0.05	<10	<10	38	<10	58
ZZ51775		<20	0.06	<10	<10	56	<10	143
ZZ51776		<20	0.06	<10	<10	47	<10	94
ZZ51777		<20	0.06	<10	<10	44	<10	122
ZZ51778		<20	0.05	<10	<10	43	<10	204
ZZ51779		<20	0.04	<10	<10	43	<10	253
ZZ51780		<20	0.03	<10	<10	54	<10	248
ZZ51781		<20	0.05	<10	<10	45	<10	62
ZZ51782		<20	0.07	<10	<10	44	<10	71
ZZ51783		<20	0.05	<10	<10	57	<10	112
ZZ51784		<20	0.05	<10	<10	47	<10	97
ZZ51785		<20	0.08	<10	<10	48	<10	66
ZZ51786		<20	0.04	<10	<10	45	<10	241
ZZ51787		<20	0.08	<10	<10	51	<10	69
ZZ51788		<20	0.05	<10	<10	50	<10	120
ZZ51789		<20	0.07	<10	<10	55	<10	107
ZZ51790		<20	0.09	<10	<10	73	<10	76
ZZ51791		<20	0.06	<10	<10	47	<10	72
ZZ51792		<20	0.05	<10	<10	38	<10	49
ZZ51793		<20	0.04	<10	<10	40	<10	75
ZZ51794		<20	0.05	<10	<10	41	<10	77
ZZ51795		<20	0.03	<10	<10	40	<10	116
ZZ51796		<20	0.04	<10	<10	42	<10	154
ZZ51797		<20	0.06	<10	<10	43	<10	59
ZZ51798		<20	0.04	<10	<10	43	<10	56
ZZ51799		<20	0.05	<10	<10	38	<10	72
ZZ51800		<20	0.06	<10	<10	44	<10	74
ZZ51801		<20	0.07	<10	<10	39	<10	59
ZZ51802		<20	0.03	<10	<10	49	<10	187
ZZ51803		<20	0.06	<10	<10	41	<10	59
ZZ51804		<20	0.06	<10	<10	52	<10	68
ZZ51805		<20	0.07	<10	<10	48	<10	58
ZZ51806		<20	0.05	<10	<10	44	<10	147
ZZ51807		<20	0.09	<10	<10	63	<10	75
ZZ51808		<20	0.04	<10	<10	42	<10	104
ZZ51809		<20	0.05	<10	<10	46	<10	143
ZZ51810		<20	0.04	<10	<10	48	<10	178

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ51811		0.24	0.017	0.6	1.51	51	<10	150	<0.5	2	0.28	0.7	6	23	16	2.49
ZZ51812		0.27	0.012	0.7	1.61	57	<10	150	<0.5	2	0.23	1.0	7	23	17	2.71
ZZ51813		0.24	0.030	2.7	2.25	66	<10	310	0.6	2	0.53	1.0	8	28	43	3.07
ZZ51814		0.22	0.019	0.7	1.60	68	<10	220	0.5	<2	0.57	0.8	8	24	25	2.33
ZZ51815		0.32	0.043	1.6	1.60	141	<10	260	0.6	2	0.52	0.7	7	20	28	2.55
ZZ51816		0.26	0.029	1.7	1.38	81	<10	180	<0.5	<2	0.39	0.8	5	15	21	2.38
ZZ51817		0.40	0.012	0.5	1.31	47	<10	170	<0.5	2	0.29	0.8	8	22	21	2.40
ZZ51818		0.29	0.031	1.4	1.38	92	<10	130	<0.5	<2	0.22	0.8	6	18	19	2.23
ZZ51819		0.45	0.012	0.9	1.35	25	<10	160	<0.5	<2	0.32	0.7	5	23	19	2.04
ZZ51820		0.31	0.015	1.5	1.58	41	<10	180	<0.5	<2	0.30	1.1	6	24	20	2.31

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51811		<10	<1	0.08	10	0.48	301	1	0.01	13	400	17	0.02	2	3	22
ZZ51812		10	<1	0.09	10	0.44	321	1	0.01	12	320	15	0.02	2	3	19
ZZ51813		10	<1	0.12	20	0.48	392	1	0.02	16	950	21	0.07	<2	4	44
ZZ51814		<10	<1	0.08	10	0.44	410	1	0.02	14	740	13	0.05	<2	4	47
ZZ51815		<10	<1	0.10	20	0.37	312	1	0.02	12	600	13	0.04	2	5	39
ZZ51816		<10	<1	0.08	10	0.28	258	1	0.02	9	610	12	0.05	<2	3	35
ZZ51817		<10	<1	0.08	10	0.43	631	1	0.02	12	370	17	0.02	<2	3	23
ZZ51818		<10	<1	0.08	10	0.33	364	1	0.01	10	310	14	0.02	2	2	20
ZZ51819		<10	<1	0.07	10	0.44	228	1	0.01	11	290	12	0.02	<2	3	26
ZZ51820		10	<1	0.07	10	0.43	250	1	0.01	11	280	42	0.01	<2	3	28

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12186248

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51811		<20	0.08	<10	<10	51	<10	76
ZZ51812		<20	0.07	<10	<10	57	<10	79
ZZ51813		<20	0.04	<10	<10	57	<10	112
ZZ51814		<20	0.05	<10	<10	46	<10	62
ZZ51815		<20	0.04	<10	<10	45	<10	59
ZZ51816		<20	0.05	<10	<10	49	<10	62
ZZ51817		<20	0.06	<10	<10	44	<10	71
ZZ51818		<20	0.05	<10	<10	47	<10	61
ZZ51819		<20	0.07	<10	<10	46	<10	59
ZZ51820		<20	0.06	<10	<10	51	<10	89

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187456

Project: Klaza - 101

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12187456

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811625		3.20	<0.005	0.37	6.73	26.4	1160	1.04	0.49	2.77	7.90	36.1	8.7	10	12.75	19.8
N811626		3.38	<0.005	0.19	7.09	7.2	1790	1.07	0.43	2.81	0.36	46.6	8.1	10	7.76	8.8
N811627		3.55	0.019	0.13	6.99	22.8	3150	1.05	0.42	2.09	0.54	39.9	7.3	11	10.15	3.9
N811628		4.34	<0.005	0.13	7.63	6.8	1670	1.11	0.38	2.74	0.19	45.6	7.5	13	7.60	6.4
N811629		2.14	<0.005	0.16	7.75	8.3	1950	1.19	0.53	3.37	0.19	45.9	7.9	12	8.95	6.0
N811630		2.43	<0.005	0.17	7.08	5.7	1580	1.16	0.50	2.94	0.29	43.8	7.1	11	12.00	11.9
N811631		0.24	4.26	>100	5.46	7390	510	0.99	57.3	1.94	222	35.3	8.6	18	12.50	1260
N811632		4.09	<0.005	0.15	7.31	6.6	1810	1.19	0.41	2.71	0.26	46.7	7.6	13	10.30	5.8
N811633		1.61	<0.005	0.39	7.24	24.5	1490	1.20	0.30	2.33	2.96	47.6	7.2	10	12.20	4.2
N811634		1.79	0.924	8.17	6.33	8080	1030	1.07	5.67	1.44	186.0	42.6	6.9	7	13.40	201
N811635		4.15	<0.005	0.02	0.08	6	40	<0.05	0.02	20.6	0.35	1.23	1.1	1	0.15	1.9
N811636		1.62	<0.005	0.23	6.72	69.9	1480	1.10	0.37	3.89	0.81	42.4	5.3	8	16.95	4.8
N811637		3.18	<0.005	0.13	7.55	12.7	2050	1.21	0.31	3.03	0.26	38.8	6.9	11	10.70	5.7
N811638		1.48	<0.005	0.11	6.94	13.4	1840	1.12	0.32	2.68	0.29	40.0	6.7	12	9.41	5.8
N811639		2.61	<0.005	0.12	7.51	14.4	2030	1.13	0.27	3.11	0.20	41.6	7.7	15	7.79	3.1
N811640		1.96	<0.005	0.46	6.86	12.6	1110	1.29	0.29	2.14	0.10	35.9	4.2	7	13.85	2.8
N811641		2.06	<0.005	0.17	6.47	28.7	1050	1.28	0.48	2.19	0.37	28.7	3.7	6	12.80	1.6
N811642		1.85	0.053	1.48	6.90	138.0	1620	1.60	0.52	1.94	5.63	42.0	4.3	7	26.4	13.0
N811643		3.31	<0.005	0.13	6.88	9.1	1080	1.62	0.08	3.17	0.24	61.5	5.2	10	32.2	12.2
N811644		4.66	<0.005	0.21	6.73	9.0	1740	1.57	0.04	3.28	0.27	53.3	5.9	10	32.9	9.8
N811645		4.70	<0.005	0.13	6.85	7.9	1010	1.62	0.04	3.64	0.18	54.9	6.3	10	37.7	12.4
N811646		0.25	3.92	>100	5.19	7290	240	0.93	59.1	1.91	218	30.3	8.1	18	11.90	1245
N811647		2.48	<0.005	0.29	6.55	12.6	820	1.75	0.10	3.33	0.33	51.8	4.7	10	33.2	7.3
N811648		1.40	<0.005	0.47	6.58	14.8	1180	1.77	0.21	2.48	0.60	49.4	4.0	10	27.5	7.1
N811649		2.48	2.17	34.4	5.04	6070	400	0.93	4.66	2.44	82.9	28.5	7.5	6	14.55	267
N811650		4.23	<0.005	0.04	0.09	8	30	<0.05	0.03	19.85	0.14	1.28	1.1	1	0.27	1.8
N811651		1.70	0.006	0.48	7.04	52.3	1010	1.44	0.47	2.42	0.62	43.0	7.2	7	25.6	6.7
N811652		1.34	<0.005	0.41	6.92	34.4	1110	1.25	0.27	2.79	1.21	42.2	7.8	8	14.50	11.2
N811653		1.90	0.007	0.20	6.80	59.1	1600	1.20	0.27	2.50	0.46	37.9	7.0	8	10.70	6.5
N811654		3.73	<0.005	0.41	7.09	15.2	1160	1.36	0.40	2.82	0.61	42.8	7.4	9	17.60	4.1
N811655		2.77	<0.005	0.13	7.44	12.3	2530	1.22	0.39	2.43	0.10	45.7	7.3	8	11.20	4.6
N811656		5.88	<0.005	0.11	7.54	5.4	2130	1.23	0.39	2.79	0.10	47.6	8.7	13	7.99	5.1
N811657		5.53	<0.005	0.11	7.41	6.2	1940	1.24	0.38	2.55	0.09	49.7	7.7	11	8.33	7.9
N811658		<0.02	<0.005	0.10	7.55	5.1	2010	1.27	0.34	2.65	0.08	48.5	7.8	14	8.35	7.9
N811659		2.68	<0.005	0.12	7.32	7.8	1770	1.27	0.27	2.65	0.09	54.1	7.8	11	10.05	8.0
N811660		2.83	<0.005	0.10	7.42	5.7	1920	1.20	0.30	2.70	0.10	43.0	7.7	11	10.45	7.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12187456

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811625		3.41	15.85	0.15	1.4	0.065	2.53	17.3	8.1	0.24	2260	7.05	1.29	8.3	4.4	600
N811626		3.05	14.80	0.17	1.5	0.041	2.49	24.9	4.8	0.58	780	1.48	1.80	8.3	3.7	590
N811627		3.08	15.30	0.16	1.4	0.042	2.16	20.9	8.3	0.21	1220	3.23	1.76	8.1	2.9	590
N811628		3.23	16.50	0.17	1.5	0.037	2.27	23.5	8.1	0.67	600	1.40	2.11	8.7	2.9	630
N811629		3.37	17.30	0.20	1.4	0.051	2.51	24.5	7.3	0.81	798	0.88	2.23	9.0	3.3	660
N811630		2.86	15.55	0.17	1.4	0.039	2.43	22.9	10.3	0.58	562	1.83	1.80	8.1	2.7	590
N811631		8.10	12.80	0.25	1.0	4.84	2.27	18.7	23.7	0.62	3040	14.10	0.08	6.0	12.8	450
N811632		2.95	15.45	0.16	1.4	0.037	2.41	24.9	5.5	0.72	511	2.80	2.06	8.1	2.6	600
N811633		3.08	16.05	0.18	1.5	0.065	2.42	25.2	16.4	0.59	882	2.60	1.26	8.2	2.5	600
N811634		6.01	13.45	0.23	1.1	2.35	2.81	23.6	6.3	0.60	2580	2.11	0.11	6.5	2.3	490
N811635		0.45	0.26	0.13	<0.1	0.006	0.03	0.6	0.7	12.10	200	0.13	0.01	0.4	2.1	170
N811636		2.90	14.70	0.19	1.2	0.049	2.50	21.6	29.0	1.03	1100	2.06	0.57	7.7	2.1	590
N811637		3.12	16.85	0.17	1.4	0.041	2.68	19.6	10.6	0.77	549	1.35	1.96	9.0	3.1	700
N811638		2.88	15.95	0.17	1.4	0.041	2.46	20.3	9.8	0.72	512	1.20	1.76	8.6	2.8	650
N811639		3.16	16.95	0.18	1.1	0.044	2.01	20.6	6.9	0.95	483	0.46	2.49	8.7	3.0	700
N811640		1.94	15.00	0.14	1.9	0.019	2.03	21.0	22.8	0.61	456	0.70	1.39	10.2	2.0	510
N811641		1.78	14.20	0.14	1.9	0.033	2.08	14.6	17.2	0.70	1160	0.34	1.19	9.2	1.8	470
N811642		2.08	15.25	0.15	2.0	0.118	2.28	21.6	27.2	0.57	1880	2.16	0.66	9.6	2.5	630
N811643		2.25	17.35	0.18	2.4	0.024	2.22	32.0	42.7	0.72	698	0.85	0.11	11.5	3.6	940
N811644		2.23	17.95	0.18	2.2	0.029	2.31	26.9	48.5	0.76	667	0.73	0.35	11.6	3.7	950
N811645		2.24	18.00	0.19	2.3	0.028	2.35	27.8	46.5	0.69	596	0.76	0.58	11.7	3.7	970
N811646		7.93	12.45	0.24	1.0	4.72	2.22	15.3	25.9	0.59	3000	13.80	0.08	5.8	12.1	440
N811647		2.20	18.15	0.17	2.6	0.026	2.06	26.0	46.1	0.56	571	1.52	1.12	12.1	4.0	980
N811648		2.25	17.60	0.16	2.6	0.029	2.00	24.5	40.5	0.60	726	1.26	0.37	12.0	3.3	960
N811649		8.45	11.25	0.24	1.0	1.820	2.12	13.7	18.1	0.90	12500	10.50	0.03	4.7	1.8	490
N811650		0.45	0.27	0.11	<0.1	0.007	0.03	0.7	0.8	11.80	221	0.11	0.01	0.4	2.4	160
N811651		2.58	15.05	0.17	1.3	0.048	2.73	23.0	25.6	0.88	1550	0.95	0.05	8.2	2.3	600
N811652		2.95	15.70	0.18	1.3	0.043	2.73	22.7	45.3	0.88	1180	0.82	0.40	8.0	2.5	570
N811653		2.91	15.90	0.17	1.5	0.046	2.71	19.0	19.2	0.63	1140	0.66	1.45	8.4	2.5	590
N811654		3.27	15.30	0.18	1.6	0.053	2.92	22.1	24.2	0.75	1330	1.39	0.57	8.9	2.4	610
N811655		2.86	17.00	0.18	1.7	0.038	2.45	23.9	13.4	0.55	583	1.61	1.65	9.1	2.2	620
N811656		3.20	17.10	0.18	1.7	0.040	2.65	23.8	10.7	0.88	657	1.42	2.23	9.3	2.8	690
N811657		2.86	16.50	0.19	1.7	0.035	2.67	26.4	15.3	0.83	556	1.22	2.09	8.8	2.4	580
N811658		3.00	16.30	0.17	1.8	0.035	2.79	24.8	14.8	0.85	579	1.08	2.19	8.9	2.7	600
N811659		2.88	15.15	0.18	1.7	0.033	2.57	29.3	13.4	0.80	601	1.42	2.00	8.7	2.4	600
N811660		2.99	15.65	0.18	1.5	0.036	2.53	22.4	8.3	0.77	604	0.71	2.10	8.4	2.5	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12187456

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811625		31.7	133.5	<0.002	0.02	4.50	9.2	1	6.3	147.5	0.64	<0.05	10.0	0.266	1.91	2.4
N811626		23.7	105.5	<0.002	0.02	1.87	10.0	1	2.0	287	0.67	<0.05	13.7	0.257	1.14	2.4
N811627		12.5	108.5	<0.002	0.10	2.59	9.6	1	2.6	189.0	0.64	<0.05	12.0	0.260	1.36	2.6
N811628		14.0	80.5	<0.002	0.01	1.82	10.8	1	3.4	331	0.68	<0.05	12.6	0.285	0.87	2.3
N811629		17.3	96.7	<0.002	0.02	2.07	11.6	1	2.8	374	0.62	<0.05	11.9	0.300	1.10	1.7
N811630		23.1	92.6	<0.002	0.02	2.63	9.8	1	3.6	295	0.63	<0.05	12.4	0.256	1.00	2.4
N811631		9560	135.0	<0.002	7.33	224	6.5	3	9.0	123.5	0.43	0.53	10.1	0.183	2.11	6.2
N811632		18.4	97.7	<0.002	0.03	1.75	10.4	1	1.7	356	0.63	<0.05	12.9	0.261	0.96	2.4
N811633		132.0	102.0	<0.002	0.09	4.22	10.3	1	2.2	240	0.66	<0.05	14.3	0.265	1.40	3.5
N811634		1970	168.0	<0.002	4.21	43.9	8.8	2	3.7	61.1	0.50	<0.05	11.7	0.218	2.37	18.9
N811635		3.8	1.2	<0.002	0.01	0.07	0.1	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02	0.8
N811636		22.6	95.3	<0.002	0.18	7.45	9.8	1	3.6	205	0.58	<0.05	10.7	0.258	1.86	4.0
N811637		17.8	82.6	<0.002	0.03	2.61	10.0	1	2.3	365	0.63	<0.05	10.9	0.286	1.04	2.9
N811638		17.2	80.9	<0.002	0.03	2.62	10.1	1	2.2	321	0.61	<0.05	10.8	0.271	0.98	2.8
N811639		22.1	58.2	<0.002	0.01	1.36	11.8	1	2.9	451	0.52	<0.05	8.9	0.303	0.75	2.2
N811640		15.2	68.7	<0.002	0.05	5.76	6.6	1	2.5	213	0.87	<0.05	15.7	0.196	1.13	3.8
N811641		23.5	101.0	<0.002	0.17	6.33	5.9	1	2.7	129.5	0.81	<0.05	15.8	0.175	1.80	4.4
N811642		431	119.0	<0.002	0.64	10.20	5.9	1	3.0	172.5	0.73	<0.05	15.0	0.205	1.88	6.8
N811643		20.2	70.9	<0.002	0.03	8.01	4.8	1	2.5	261	0.74	<0.05	9.4	0.258	1.32	3.8
N811644		23.3	64.2	<0.002	0.05	5.32	4.6	1	2.2	301	0.72	<0.05	8.3	0.266	1.35	3.4
N811645		21.2	70.8	<0.002	0.01	5.74	4.7	1	2.2	380	0.74	<0.05	8.3	0.270	1.20	3.1
N811646		9440	120.5	<0.002	7.16	220	6.1	2	8.9	121.5	0.42	0.52	9.2	0.178	2.15	6.0
N811647		28.5	62.8	<0.002	0.02	7.93	4.7	1	1.6	445	0.76	<0.05	7.9	0.266	1.12	3.3
N811648		48.5	55.2	<0.002	0.06	13.85	4.5	1	1.9	222	0.77	<0.05	7.8	0.265	1.20	6.1
N811649		>10000	143.0	<0.002	5.58	133.5	4.3	1	9.0	91.1	0.34	0.20	10.9	0.152	2.24	5.4
N811650		16.4	1.4	<0.002	0.02	0.17	0.1	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N811651		73.6	106.5	<0.002	0.25	9.26	10.3	1	2.3	175.5	0.66	<0.05	12.0	0.253	1.96	4.8
N811652		93.5	111.0	<0.002	0.17	8.65	10.4	1	2.4	194.5	0.62	<0.05	11.3	0.251	1.79	4.6
N811653		39.8	99.5	<0.002	0.23	4.37	9.9	1	2.0	267	0.66	<0.05	10.0	0.261	1.43	2.5
N811654		55.7	127.5	<0.002	0.25	7.21	10.4	1	2.0	172.0	0.73	<0.05	12.0	0.271	2.16	5.3
N811655		15.9	91.5	<0.002	0.05	3.75	10.4	1	1.7	240	0.74	<0.05	12.7	0.275	1.09	2.9
N811656		16.9	96.7	<0.002	0.01	1.38	11.1	1	1.7	390	0.73	<0.05	12.9	0.289	1.10	3.2
N811657		15.6	105.5	<0.002	0.01	1.30	10.4	1	1.7	377	0.72	<0.05	15.2	0.255	0.99	4.3
N811658		16.1	100.0	<0.002	0.01	1.32	10.2	1	1.8	393	0.75	<0.05	15.5	0.265	1.02	4.5
N811659		15.5	102.0	<0.002	0.04	1.93	10.1	1	1.8	350	0.71	<0.05	15.8	0.256	1.00	4.8
N811660		17.6	97.7	<0.002	0.02	1.58	10.7	1	1.9	389	0.63	<0.05	13.3	0.265	1.10	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12187456

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N811625		76	2.4	12.6	392	40.0			
N811626		73	2.6	15.5	78	37.9			
N811627		72	2.9	12.5	97	38.3			
N811628		82	1.6	16.3	57	39.8			
N811629		87	1.5	17.3	64	38.8			
N811630		75	1.3	15.3	61	39.7			
N811631		52	4.3	9.4	>10000	31.7	125		1.605
N811632		74	1.1	15.5	70	37.7			
N811633		76	1.9	15.1	309	39.2			
N811634		62	3.6	11.0	>10000	28.7			1.720
N811635		2	0.1	0.8	48	<0.5			
N811636		75	3.0	14.6	186	31.4			
N811637		81	1.6	15.4	74	39.6			
N811638		76	2.0	15.1	69	37.5			
N811639		87	1.0	16.3	57	32.6			
N811640		52	2.0	12.6	43	53.6			
N811641		41	1.9	11.3	75	52.2			
N811642		41	2.5	11.1	522	60.1			
N811643		41	2.2	12.1	69	79.2			
N811644		42	1.4	11.1	77	67.3			
N811645		43	1.1	11.3	73	72.4			
N811646		52	4.3	8.5	>10000	30.7	118		1.615
N811647		44	1.5	10.9	86	85.3			
N811648		43	2.2	10.5	94	85.1			
N811649		36	2.7	7.5	6330	27.5		1.565	
N811650		2	0.1	0.9	23	0.6			
N811651		71	2.1	14.2	89	37.5			
N811652		72	2.0	14.0	166	35.8			
N811653		73	1.7	12.4	80	41.8			
N811654		76	2.1	12.6	110	42.0			
N811655		76	2.6	13.4	46	46.0			
N811656		82	2.0	16.7	53	46.6			
N811657		70	1.7	17.1	37	49.7			
N811658		74	1.8	16.8	38	51.4			
N811659		72	2.9	17.1	39	49.1			
N811660		75	3.6	15.4	47	39.2			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12187456

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187922

Project: Klaza - 99

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

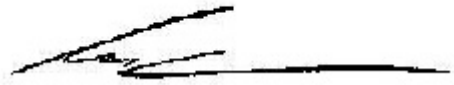
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187922

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355132		3.66	<0.005	0.07	7.90	4.9	2050	1.44	0.12	2.33	0.07	54.7	8.6	13	11.75	15.7
M355133		3.51	<0.005	1.10	6.79	8.0	2960	1.29	0.21	3.43	0.11	42.0	5.4	12	18.95	8.1
M355134		2.69	<0.005	0.07	7.57	8.2	1460	1.80	0.31	2.99	0.07	50.4	5.5	14	17.15	3.9
M355135		<0.02	<0.005	0.88	7.45	6.8	1430	1.57	0.36	3.00	0.07	51.3	5.2	14	16.00	3.5
M355136		6.27	<0.005	0.08	7.65	13.8	1610	1.55	0.82	3.23	0.06	41.5	6.7	16	15.05	4.9
M355137		2.45	<0.005	0.62	7.31	13.3	1360	1.56	0.26	2.40	0.04	39.7	11.2	13	19.00	4.3
M355138		3.70	<0.005	0.04	7.38	6.8	1800	1.25	0.09	1.75	0.07	33.5	6.5	11	17.20	5.7
M355139		3.18	0.073	1.40	7.64	29.0	2150	1.77	5.56	1.79	0.13	55.7	10.8	11	34.0	24.7
M355140		0.26	0.760	10.05	6.69	1980	370	1.64	5.54	1.92	45.4	40.7	17.5	22	15.90	116.5
M355141		3.60	<0.005	0.19	8.14	11.5	1710	1.44	0.13	1.67	0.17	46.1	7.4	11	16.65	137.5
M355142		2.35	<0.005	0.70	7.98	6.1	1940	1.41	0.24	2.44	0.15	52.0	7.5	15	13.00	118.5
M355143		4.85	<0.005	0.18	7.73	6.0	2200	1.39	0.15	2.80	0.10	45.8	9.8	17	8.66	101.0
M355144		2.56	<0.005	0.58	8.15	8.3	2200	1.40	0.31	2.75	0.10	57.2	10.5	16	8.88	143.0
M355145		7.07	<0.005	0.24	7.92	6.6	2230	1.51	0.33	2.97	0.04	55.2	8.6	24	7.62	31.0
M355146		6.99	<0.005	0.38	7.41	5.7	2320	1.43	0.15	2.69	0.06	48.5	7.9	16	6.36	66.8
M355147		8.16	<0.005	0.22	7.75	6.1	2430	1.59	0.30	2.67	0.07	50.6	7.9	17	8.34	171.5
M355148		7.71	<0.005	0.31	7.38	4.6	2360	1.43	0.19	2.62	0.11	43.8	7.8	15	8.78	234
M355149		4.31	<0.005	0.33	8.01	4.8	2370	1.64	0.17	2.78	0.08	59.0	8.8	14	11.95	95.0
M355150		6.80	<0.005	0.12	8.47	12.2	1850	1.45	0.13	0.98	0.20	45.0	8.3	10	16.85	65.7
M355151		2.49	<0.005	0.75	7.91	93.3	1980	1.77	0.16	4.19	2.88	47.9	11.6	11	26.3	347
M355152		3.54	<0.005	0.04	0.09	<5	20	0.06	0.02	21.5	0.07	1.33	0.6	1	0.19	2.5
M355153		2.76	<0.005	0.51	7.34	34.6	2840	1.48	0.18	2.35	0.33	39.1	7.9	9	21.4	445
M355154		0.26	0.767	10.45	6.58	1955	320	1.58	5.52	1.92	46.0	38.5	17.6	22	15.95	117.0
M355155		5.61	<0.005	0.52	7.58	28.2	1700	1.63	0.26	2.85	1.61	43.3	8.7	14	22.2	146.5
M355156		1.95	<0.005	0.09	7.01	17.3	2340	1.58	0.15	2.97	0.13	47.5	7.0	8	22.9	25.6
M355157		6.27	<0.005	0.19	7.72	39.6	1780	1.51	0.26	3.03	0.28	47.0	9.6	13	19.45	13.0
M355158		4.05	<0.005	0.08	7.07	8.4	1940	1.25	0.13	3.84	0.08	34.9	10.1	10	16.95	6.2
M355159		6.44	<0.005	0.17	8.01	2.3	2260	1.31	0.11	2.70	0.05	44.9	9.6	10	11.80	107.0
M355160		4.21	<0.005	0.16	8.19	2.2	2300	1.27	0.13	2.69	0.07	42.7	8.8	10	11.65	88.4
M355161		6.10	<0.005	0.10	7.60	15.6	1630	1.23	0.08	2.63	0.09	38.6	8.1	9	15.25	20.8
M355162		2.56	0.033	0.15	8.82	14.1	1050	1.42	1.07	2.68	0.04	50.6	34.0	8	5.74	3.3
M355163		4.21	<0.005	0.02	0.20	<5	40	0.08	0.03	22.2	0.06	1.43	1.7	3	1.26	3.3
M355164		2.60	<0.005	0.43	9.24	16.4	570	1.53	1.85	3.96	0.22	49.2	8.6	14	7.47	3.6
M355165		3.66	<0.005	0.09	7.83	6.1	1140	1.23	0.33	2.65	0.08	39.4	3.3	8	8.79	5.8
M355166		2.69	<0.005	0.08	8.74	6.9	1350	1.48	0.61	3.07	0.07	48.1	3.0	9	11.55	3.2
M355167		4.68	<0.005	0.08	7.90	8.0	1780	1.31	0.25	2.58	0.73	37.0	4.6	9	12.65	13.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355132		3.21	16.80	0.09	1.4	0.032	2.74	26.7	21.2	0.78	569	0.87	1.67	8.4	3.1	640
M355133		2.70	15.95	0.08	1.5	0.050	2.23	19.0	22.3	0.39	694	0.32	1.03	7.9	2.9	540
M355134		3.16	16.30	0.08	1.3	0.067	1.81	24.4	16.6	0.77	689	0.29	2.15	8.0	3.0	580
M355135		3.17	14.85	0.09	1.4	0.064	1.76	23.0	15.3	0.77	698	0.30	2.16	7.4	2.9	590
M355136		3.80	16.90	0.09	1.2	0.117	1.91	18.6	16.5	0.70	826	0.24	2.01	7.6	2.7	590
M355137		3.18	15.90	0.08	1.1	0.086	2.35	18.0	21.3	0.57	701	0.30	1.29	7.7	2.8	590
M355138		2.82	17.00	0.06	1.3	0.041	2.61	15.3	33.7	0.40	534	0.31	0.47	7.8	2.5	610
M355139		3.94	19.20	0.11	1.3	0.155	2.34	27.0	37.5	0.69	914	0.42	0.06	7.9	3.2	620
M355140		5.42	15.75	0.09	1.3	0.900	2.87	18.6	28.3	0.69	2080	12.40	0.27	7.5	16.5	510
M355141		3.29	16.30	0.08	1.6	0.047	2.60	21.0	42.5	0.63	657	2.05	0.46	8.0	2.7	710
M355142		3.26	16.25	0.09	1.4	0.047	2.77	26.5	17.8	0.74	603	0.57	2.01	7.8	2.9	590
M355143		3.50	16.35	0.09	1.2	0.039	2.56	22.2	17.8	1.03	692	0.64	2.23	7.7	3.5	660
M355144		3.65	16.50	0.09	1.3	0.046	2.60	29.1	18.1	1.04	676	0.63	2.26	7.6	3.3	660
M355145		3.66	16.55	0.09	1.2	0.063	2.28	26.3	19.0	1.05	697	2.63	2.27	7.6	4.3	720
M355146		3.08	15.70	0.11	1.3	0.036	2.23	21.8	14.6	0.96	601	11.45	2.35	7.7	3.3	640
M355147		2.99	16.45	0.08	1.4	0.042	2.38	26.6	17.5	1.00	560	9.92	2.38	8.1	3.1	660
M355148		2.94	15.70	0.08	1.5	0.039	2.41	20.2	16.3	0.94	537	5.97	2.26	7.9	2.9	630
M355149		3.54	17.05	0.10	1.7	0.046	2.47	26.7	23.8	0.94	601	5.21	2.12	9.0	3.4	720
M355150		3.75	17.00	0.10	2.1	0.039	2.43	20.3	38.9	0.52	822	2.14	0.17	9.6	2.8	760
M355151		3.59	15.55	0.10	1.6	0.072	2.49	24.3	31.0	1.44	2140	2.48	0.08	7.9	4.2	710
M355152		0.48	0.24	0.07	<0.1	<0.005	0.04	0.6	1.0	13.25	216	0.13	0.01	0.3	1.7	180
M355153		3.43	15.75	0.10	1.5	0.055	2.12	16.6	35.5	0.79	931	5.59	0.07	8.1	2.8	710
M355154		5.41	15.35	0.08	1.4	0.935	2.86	17.0	26.4	0.69	2080	12.85	0.27	7.6	16.7	520
M355155		3.09	15.85	0.10	1.8	0.041	2.59	19.4	23.9	0.79	1190	1.18	0.97	8.0	3.1	600
M355156		2.73	15.20	0.07	2.0	0.030	1.99	21.0	29.9	0.73	713	1.07	0.40	8.7	2.9	650
M355157		3.40	17.10	0.09	1.7	0.047	1.66	21.8	17.3	0.97	707	0.76	2.27	8.5	3.6	710
M355158		3.40	17.05	0.13	1.4	0.042	2.13	17.5	12.9	1.05	841	0.52	1.68	8.1	3.5	730
M355159		3.23	17.10	0.14	1.4	0.041	2.45	23.0	14.7	0.97	524	9.75	2.22	8.8	3.5	720
M355160		3.35	17.05	0.15	1.3	0.038	2.69	22.1	15.4	0.96	513	11.65	2.15	8.5	3.3	670
M355161		2.98	17.10	0.13	1.4	0.039	2.39	19.1	29.1	0.70	602	3.51	0.37	8.4	3.1	700
M355162		7.00	17.70	0.22	1.4	0.212	1.63	25.5	15.6	0.90	1320	0.21	2.84	8.7	3.6	800
M355163		0.52	0.56	0.09	<0.1	0.005	0.11	0.7	1.9	13.70	231	0.16	0.01	0.5	4.5	240
M355164		8.14	24.1	0.25	1.4	0.436	1.62	24.1	32.7	1.23	2180	0.12	0.11	9.7	4.3	850
M355165		3.68	18.60	0.14	1.3	0.124	1.90	19.4	30.0	0.77	749	0.36	0.08	8.9	3.4	680
M355166		5.23	20.4	0.18	1.4	0.254	1.85	24.0	20.2	1.26	1000	0.35	1.67	9.1	3.8	820
M355167		3.83	17.40	0.13	1.4	0.108	2.49	18.4	23.0	0.75	737	0.35	0.86	9.0	3.0	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355132		13.6	92.8	<0.002	0.01	3.66	11.8	<1	2.1	332	0.66	<0.05	15.8	0.290	1.33	3.7
M355133		27.0	80.0	<0.002	0.05	25.1	9.5	1	2.0	252	0.66	<0.05	11.6	0.250	1.26	4.7
M355134		12.8	75.6	<0.002	0.03	3.43	12.0	1	2.1	374	0.58	<0.05	14.8	0.263	1.09	4.5
M355135		23.6	68.8	<0.002	0.04	13.95	10.8	1	2.0	369	0.58	<0.05	14.4	0.266	1.07	4.2
M355136		12.4	73.1	<0.002	0.26	6.95	10.5	<1	2.3	379	0.57	<0.05	12.2	0.264	1.26	4.1
M355137		17.3	87.9	<0.002	0.14	11.95	10.5	<1	2.2	223	0.56	<0.05	11.1	0.261	1.46	3.2
M355138		14.3	84.0	0.004	0.02	9.75	10.5	<1	2.0	125.0	0.53	<0.05	10.0	0.271	1.34	2.4
M355139		16.4	100.5	<0.002	0.39	21.6	12.4	<1	3.1	101.5	0.58	<0.05	14.0	0.278	2.06	4.6
M355140		1375	137.5	<0.002	3.27	35.2	8.9	<1	5.9	154.5	0.55	0.33	9.5	0.218	2.65	4.6
M355141		14.9	87.6	<0.002	0.04	9.84	11.3	<1	2.0	120.5	0.61	<0.05	14.3	0.297	1.49	3.7
M355142		20.8	111.5	<0.002	0.05	11.05	12.1	1	2.0	347	0.59	<0.05	15.6	0.275	1.28	4.2
M355143		12.7	89.8	<0.002	0.06	1.53	12.5	1	2.1	432	0.50	<0.05	10.5	0.287	1.27	3.1
M355144		17.1	105.5	<0.002	0.16	6.32	12.9	1	2.3	438	0.51	<0.05	13.4	0.290	1.26	3.5
M355145		11.4	81.3	<0.002	0.03	2.03	12.4	1	2.5	470	0.53	<0.05	10.9	0.290	1.03	3.1
M355146		13.5	81.9	<0.002	0.02	4.71	10.9	<1	2.0	464	0.55	<0.05	10.3	0.282	1.14	2.8
M355147		11.0	97.6	<0.002	0.02	1.20	11.3	1	1.9	463	0.58	<0.05	12.1	0.290	1.33	3.2
M355148		11.3	88.5	<0.002	0.02	1.41	10.9	1	1.9	428	0.59	<0.05	11.3	0.281	1.24	3.3
M355149		13.4	84.6	<0.002	0.01	4.70	12.5	1	2.0	428	0.65	<0.05	12.3	0.324	1.24	4.2
M355150		11.7	106.0	0.003	0.02	32.9	14.0	1	1.9	92.3	0.91	<0.05	14.1	0.330	1.30	3.9
M355151		81.1	108.5	<0.002	0.25	70.2	13.0	1	1.9	167.5	0.62	<0.05	11.7	0.300	2.10	7.1
M355152		1.6	1.3	0.002	0.01	0.56	0.2	<1	<0.2	48.6	<0.05	<0.05	<0.2	0.005	0.03	0.5
M355153		12.5	66.5	0.002	0.13	63.8	12.1	2	2.1	129.5	0.72	<0.05	9.5	0.310	1.50	3.6
M355154		1370	138.0	<0.002	3.27	35.3	8.9	<1	6.2	154.5	0.56	0.32	9.2	0.216	2.53	4.9
M355155		29.2	97.2	<0.002	0.10	18.55	10.8	1	1.8	246	0.67	<0.05	12.8	0.270	1.63	5.0
M355156		11.8	73.3	<0.002	0.11	13.40	10.0	1	1.5	180.0	0.90	<0.05	18.0	0.246	1.31	6.5
M355157		22.1	62.1	<0.002	0.05	7.34	13.3	1	2.1	394	0.65	<0.05	12.3	0.318	1.01	4.2
M355158		13.4	73.5	<0.002	0.05	3.95	11.2	1	1.9	314	0.63	<0.05	9.5	0.310	1.37	3.6
M355159		13.0	106.5	<0.002	0.01	3.74	11.9	2	1.9	416	0.72	<0.05	12.9	0.314	1.12	2.8
M355160		12.5	114.5	0.003	0.01	3.42	11.2	2	1.8	401	0.70	<0.05	12.9	0.302	1.18	2.9
M355161		12.3	79.6	<0.002	0.08	14.15	10.2	1	2.0	167.5	0.74	<0.05	11.8	0.292	1.54	3.2
M355162		7.2	69.0	<0.002	2.30	3.72	12.6	2	2.9	234	0.72	0.12	15.9	0.297	1.02	3.0
M355163		1.8	9.1	<0.002	0.02	0.18	0.6	1	<0.2	42.5	<0.05	<0.05	0.2	0.010	0.05	0.6
M355164		16.8	56.3	<0.002	1.88	12.65	14.2	2	5.5	149.5	0.80	0.17	13.1	0.359	1.32	4.4
M355165		9.8	67.4	<0.002	0.02	11.20	10.9	1	2.3	100.0	0.77	<0.05	12.3	0.296	1.34	2.2
M355166		10.8	74.7	<0.002	0.02	5.47	13.7	1	3.2	315	0.76	<0.05	13.4	0.351	1.19	3.8
M355167		11.2	90.8	<0.002	0.03	9.62	10.5	1	2.3	231	0.79	<0.05	12.5	0.295	1.42	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187922

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M355132		84	1.3	17.1	42	36.1
M355133		69	2.0	14.1	44	35.5
M355134		70	1.6	16.6	39	33.2
M355135		70	1.6	15.1	43	32.2
M355136		81	1.9	14.5	44	29.1
M355137		71	1.9	12.6	42	29.0
M355138		78	2.0	12.1	37	33.4
M355139		96	3.9	16.3	60	30.9
M355140		60	5.1	10.9	3220	38.6
M355141		85	3.3	14.7	53	41.0
M355142		79	1.1	16.0	46	35.0
M355143		88	1.2	16.8	45	31.8
M355144		87	1.6	17.7	47	33.7
M355145		86	3.0	17.5	42	31.3
M355146		78	1.0	15.2	39	32.4
M355147		80	1.9	15.9	39	38.3
M355148		79	1.6	15.2	38	42.8
M355149		91	2.8	18.1	47	47.8
M355150		93	14.7	16.9	66	54.1
M355151		90	11.3	18.3	369	43.5
M355152		2	0.1	0.8	12	<0.5
M355153		98	21.7	15.5	89	41.9
M355154		59	5.2	10.9	3190	40.3
M355155		73	6.4	15.6	189	51.8
M355156		76	3.3	16.8	44	52.3
M355157		94	12.0	16.9	56	46.2
M355158		98	2.9	15.8	45	43.3
M355159		90	11.3	17.0	40	41.1
M355160		83	4.5	16.5	38	40.6
M355161		82	5.0	15.1	37	41.5
M355162		86	7.4	15.3	62	42.9
M355163		4	0.1	1.0	11	0.7
M355164		121	8.1	21.4	116	38.9
M355165		83	4.2	15.0	50	37.4
M355166		113	3.5	18.2	64	38.0
M355167		83	3.5	14.9	130	39.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187922

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187923

Project: Klaza - 99

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

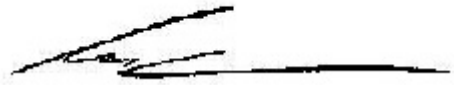
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187923

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355168		3.85	0.009	0.13	7.61	12.3	1800	1.18	0.70	4.26	0.15	33.8	5.7	8	13.30	2.4
M355169		5.40	<0.005	0.11	8.02	12.4	2750	1.27	0.40	2.86	0.23	42.0	21.7	11	13.10	6.0
M355170		2.53	<0.005	0.05	7.75	7.6	2910	1.32	0.18	2.82	0.09	40.0	6.2	12	15.25	2.7
M355171		3.02	<0.005	0.08	8.00	13.8	2650	1.36	0.24	2.87	0.11	46.2	12.6	10	8.55	6.6
M355172		3.34	<0.005	0.09	8.31	6.3	2430	1.45	0.23	2.39	0.15	40.2	6.5	11	9.94	15.9
M355173		2.22	<0.005	0.09	10.00	9.7	1830	1.68	0.71	1.89	0.09	37.5	16.0	11	15.35	5.0
M355174		4.25	0.507	0.84	8.49	44.3	440	1.00	3.91	4.22	0.14	31.7	54.0	8	19.40	2.8
M355175		3.40	<0.005	0.01	0.12	<5	260	0.06	0.02	22.5	0.06	1.78	1.3	<1	0.23	2.0
M355176		3.36	0.141	0.28	8.17	38.9	410	1.26	1.72	3.32	0.11	42.4	45.9	7	13.55	4.8
M355177		5.64	0.013	0.08	7.63	8.1	2020	1.37	0.45	3.10	0.09	36.2	7.3	9	11.25	11.3
M355178		2.78	0.014	0.29	7.11	19.9	1270	1.13	1.41	2.74	0.10	40.9	23.0	9	13.25	7.8
M355179		3.66	<0.005	0.10	7.56	10.6	1960	1.22	0.37	2.64	0.09	44.7	9.5	9	11.35	7.3
M355180		1.58	<0.005	0.07	7.39	6.8	2010	1.32	0.25	2.81	0.08	41.5	4.6	9	12.95	11.6
M355181		3.27	<0.005	0.06	7.60	3.0	2030	1.34	0.09	2.81	0.06	44.1	7.6	13	6.71	10.5
M355182		0.26	0.815	9.52	7.34	1905	1610	1.20	6.37	2.04	43.1	41.9	17.2	19	15.10	113.5
M355183		7.29	<0.005	0.07	7.67	4.9	2050	1.39	0.16	2.90	0.09	44.5	7.8	13	9.08	15.6
M355184		6.84	<0.005	0.18	8.05	3.5	2050	1.46	0.19	2.86	0.08	47.3	7.2	11	8.08	51.9
M355185		7.08	<0.005	0.08	7.75	7.9	1950	1.30	0.18	2.87	0.07	49.8	6.3	11	10.45	11.5
M355186		<0.02	<0.005	0.08	7.53	7.7	1920	1.24	0.19	2.80	0.06	48.3	6.5	12	9.75	10.8
M355187		4.61	<0.005	0.08	8.19	8.6	1950	1.27	0.15	2.94	0.09	45.5	6.8	11	14.50	9.2
M355188		2.54	0.007	0.63	7.14	44.8	1920	1.23	0.17	3.63	0.91	36.4	7.4	7	22.2	14.6
M355189		5.86	<0.005	0.25	6.97	14.9	1590	1.31	0.16	3.29	0.11	30.5	6.3	8	23.5	18.3
M355190		2.96	<0.005	0.08	7.39	6.4	1830	1.38	0.21	2.98	0.07	35.2	8.9	12	14.65	5.3
M355191		5.22	<0.005	0.05	7.47	3.3	1970	1.32	0.14	2.82	0.08	35.6	8.3	12	10.30	9.9
M355192		5.89	<0.005	0.17	7.43	5.8	1660	1.58	0.29	2.73	0.08	41.7	7.6	11	15.20	27.8
M355193		2.48	<0.005	0.08	7.77	13.3	1620	1.67	0.36	2.48	0.11	40.1	10.1	9	21.6	7.0
M355194		5.82	<0.005	1.52	7.43	6.0	1770	1.44	0.16	2.83	0.07	43.1	7.4	11	11.65	13.5
M355195		0.26	4.22	>100	5.27	6540	1260	1.17	62.1	1.91	216	35.8	9.2	17	10.55	1200
M355196		5.42	<0.005	0.12	7.53	6.8	1900	1.41	0.16	2.57	0.13	42.0	6.8	12	9.64	25.5
M355197		3.39	<0.005	0.13	6.88	7.7	1580	1.35	0.13	1.95	0.09	68.3	3.6	11	8.61	29.2
M355198		3.52	<0.005	0.23	6.62	22.3	1390	1.35	0.23	2.44	0.07	40.6	5.1	9	15.25	74.4
M355199		2.19	0.157	16.50	6.81	727	1270	1.58	2.76	3.33	13.10	45.7	9.1	7	21.6	141.5
M355200		3.93	<0.005	0.23	0.06	<5	20	<0.05	0.03	19.85	0.07	1.09	0.6	2	0.13	4.1
M355201		2.85	0.012	0.80	7.56	62.2	950	2.06	0.20	3.99	0.49	61.2	5.9	13	15.15	10.2
M355202		5.77	<0.005	0.31	7.65	12.7	1880	1.61	0.16	2.94	1.44	69.4	5.6	13	12.75	9.6
M355203		7.45	<0.005	0.10	7.46	9.9	1430	1.63	0.09	3.79	0.73	71.8	4.4	12	14.00	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355168		3.87	12.70	0.15	1.0	0.151	2.87	18.4	22.7	0.99	1320	0.27	0.14	7.8	2.7	590
M355169		4.40	18.05	0.17	1.3	0.155	2.99	20.8	18.4	0.79	748	0.43	0.97	8.9	3.7	800
M355170		3.56	16.90	0.15	1.2	0.152	3.42	20.3	8.9	0.73	714	0.41	1.26	8.3	3.2	630
M355171		3.92	16.80	0.16	1.3	0.120	3.15	24.2	7.6	0.81	668	0.57	1.95	8.4	2.9	640
M355172		4.00	18.50	0.16	1.5	0.084	2.74	20.6	13.5	0.98	549	0.42	1.87	9.1	3.2	690
M355173		7.50	22.3	0.22	1.7	0.223	2.11	17.7	27.3	0.91	1300	0.31	1.89	11.3	3.8	940
M355174		8.70	20.6	0.25	1.3	0.306	2.82	15.9	27.7	0.94	2370	0.15	1.17	9.9	2.5	720
M355175		0.51	0.36	0.10	<0.1	<0.005	0.04	0.9	1.0	13.80	217	0.13	0.01	0.5	2.9	220
M355176		6.68	15.65	0.23	1.4	0.158	3.07	21.3	33.1	0.94	1740	0.22	0.92	10.6	2.7	710
M355177		3.62	17.00	0.13	1.3	0.087	2.45	17.7	10.9	0.86	751	0.44	2.07	8.4	3.0	640
M355178		5.19	15.10	0.18	1.2	0.144	2.56	22.8	16.9	0.87	1340	0.27	1.17	7.0	3.1	540
M355179		3.64	16.20	0.15	1.5	0.090	2.82	23.6	18.8	0.68	897	0.24	1.04	8.9	2.6	610
M355180		3.58	16.70	0.15	1.5	0.081	2.93	20.9	17.0	0.69	890	0.25	0.95	8.7	2.7	620
M355181		3.25	17.60	0.14	1.6	0.043	2.91	22.1	8.6	0.90	599	0.42	2.27	9.2	3.4	640
M355182		5.57	16.00	0.21	1.4	0.997	3.07	22.6	23.6	0.76	2100	12.45	0.28	7.9	16.7	540
M355183		3.01	16.95	0.14	1.5	0.039	2.86	22.4	9.5	0.84	610	0.40	2.27	8.7	3.5	620
M355184		3.16	17.20	0.16	1.6	0.050	2.97	24.7	11.8	0.94	648	0.79	2.17	8.4	3.0	650
M355185		3.03	16.75	0.15	1.6	0.058	2.90	26.1	10.1	0.83	606	0.41	2.07	8.2	3.2	620
M355186		2.95	16.65	0.14	1.5	0.059	2.81	24.3	9.8	0.80	587	0.37	2.05	8.0	3.0	620
M355187		3.05	17.60	0.15	1.6	0.051	2.90	23.4	14.5	0.83	593	0.37	1.90	8.8	3.0	660
M355188		3.09	15.85	0.14	1.3	0.076	2.75	19.2	24.6	1.07	1960	0.42	0.44	7.7	3.2	590
M355189		3.08	16.30	0.14	1.4	0.069	2.58	15.4	25.3	0.93	805	0.37	0.66	8.2	2.8	630
M355190		3.43	16.95	0.15	1.6	0.070	1.97	17.0	15.0	0.81	656	0.45	2.34	8.5	4.0	640
M355191		3.12	17.05	0.14	1.7	0.049	2.46	17.2	14.3	0.92	619	0.37	2.56	8.9	3.3	650
M355192		3.02	16.90	0.13	1.3	0.044	2.05	20.5	17.6	0.89	557	0.30	2.28	8.2	3.0	600
M355193		2.72	18.25	0.17	1.1	0.121	2.19	19.5	32.0	0.88	573	0.48	0.66	8.7	2.7	670
M355194		2.99	16.15	0.15	1.3	0.054	2.34	21.4	13.9	0.89	567	0.55	2.33	8.0	3.3	610
M355195		7.86	13.20	0.15	0.9	4.55	2.21	18.2	29.8	0.62	2930	14.95	0.09	5.4	13.6	420
M355196		3.09	16.30	0.16	1.2	0.057	2.60	20.9	13.7	0.95	567	0.96	2.27	8.4	2.7	620
M355197		1.80	13.30	0.15	1.2	0.052	3.44	39.8	10.7	0.46	320	3.79	1.86	6.1	1.9	330
M355198		2.33	14.60	0.14	1.3	0.056	2.77	21.0	15.9	0.61	476	1.66	1.06	6.8	2.3	430
M355199		3.51	15.05	0.14	1.2	0.286	2.46	24.4	30.7	1.12	1110	1.25	0.06	6.9	2.9	530
M355200		0.45	0.17	0.14	<0.1	0.005	0.02	0.5	0.9	12.35	197	0.13	0.01	0.1	1.9	160
M355201		2.21	17.50	0.22	2.8	0.034	1.89	32.0	65.9	1.40	1100	1.33	0.04	10.5	4.4	940
M355202		2.48	18.35	0.20	2.3	0.049	1.33	37.9	153.0	1.06	547	1.46	0.05	11.4	3.2	860
M355203		2.46	17.00	0.20	2.1	0.036	1.08	40.4	137.5	1.16	675	1.27	0.04	10.6	2.8	840

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187923

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355168		7.5	129.5	<0.002	0.33	7.07	8.5	1	2.9	147.5	0.56	<0.05	13.5	0.260	1.93	3.8
M355169		13.8	107.0	<0.002	0.18	7.17	12.5	1	2.8	237	0.71	<0.05	11.5	0.319	1.47	2.9
M355170		11.8	127.0	<0.002	0.05	3.15	10.5	1	2.3	280	0.71	<0.05	12.5	0.284	1.66	3.3
M355171		13.1	133.0	<0.002	0.11	2.29	10.8	1	2.3	363	0.77	<0.05	15.9	0.286	1.54	4.2
M355172		15.8	102.5	<0.002	0.02	3.49	11.3	1	2.3	363	0.80	<0.05	14.2	0.293	1.22	4.5
M355173		14.5	74.2	<0.002	0.15	6.59	13.3	1	3.3	184.5	1.02	<0.05	15.7	0.370	1.33	4.1
M355174		13.8	109.0	<0.002	4.02	9.56	10.4	2	3.7	181.0	0.74	0.15	10.7	0.307	2.42	4.8
M355175		1.4	2.0	<0.002	0.03	0.05	0.3	2	<0.2	56.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M355176		9.1	145.5	<0.002	3.19	4.84	10.8	2	2.2	141.5	0.89	0.11	13.5	0.286	2.52	4.0
M355177		14.3	87.6	<0.002	0.13	3.09	9.9	1	2.8	376	0.67	<0.05	12.1	0.278	1.38	3.6
M355178		11.3	116.0	<0.002	1.33	3.32	9.4	1	3.0	197.0	0.61	0.12	16.3	0.217	1.56	5.6
M355179		13.1	119.5	<0.002	0.29	6.04	10.5	1	2.6	182.0	0.82	<0.05	15.8	0.266	1.51	5.4
M355180		15.1	111.0	<0.002	0.06	5.78	10.4	1	2.8	214	0.82	<0.05	13.8	0.267	1.50	4.8
M355181		13.3	105.0	<0.002	0.01	0.94	10.7	1	2.2	391	0.84	<0.05	14.5	0.279	1.18	4.7
M355182		1390	178.0	<0.002	3.40	34.2	8.9	2	6.2	161.5	0.69	0.27	13.4	0.225	2.61	5.6
M355183		15.6	104.0	<0.002	0.03	1.47	10.7	1	1.9	382	0.80	<0.05	15.4	0.274	1.22	4.8
M355184		15.8	124.5	<0.002	0.02	1.79	12.2	1	1.9	386	0.76	<0.05	17.0	0.286	1.26	3.9
M355185		15.0	117.5	<0.002	0.04	2.15	11.2	1	1.8	349	0.70	<0.05	15.5	0.277	1.35	3.9
M355186		15.0	111.0	<0.002	0.04	2.07	10.9	1	1.8	344	0.70	<0.05	15.4	0.264	1.33	3.7
M355187		14.1	119.0	<0.002	0.05	3.85	12.4	1	1.9	366	0.81	<0.05	14.4	0.294	1.36	4.9
M355188		109.0	134.5	<0.002	0.59	13.40	10.7	1	2.0	177.0	0.67	<0.05	12.9	0.262	2.13	5.2
M355189		12.0	90.9	<0.002	0.13	9.98	10.6	1	2.0	205	0.72	<0.05	10.4	0.275	1.80	3.4
M355190		11.9	82.4	<0.002	0.04	3.17	11.1	1	2.1	396	0.78	<0.05	11.8	0.289	1.18	4.0
M355191		13.1	92.6	<0.002	0.01	2.04	11.2	1	1.9	424	0.81	<0.05	12.5	0.281	1.15	4.3
M355192		12.6	83.5	<0.002	0.01	5.56	11.0	1	1.9	403	0.60	<0.05	12.6	0.274	1.17	3.8
M355193		11.9	93.0	<0.002	0.12	9.45	11.9	<1	2.5	198.5	0.61	<0.05	12.2	0.286	1.52	3.6
M355194		12.6	98.3	<0.002	0.01	2.21	10.7	1	2.0	410	0.61	<0.05	13.1	0.275	1.22	3.9
M355195		9180	123.5	<0.002	7.00	214	6.9	1	8.4	120.0	0.41	0.52	8.9	0.176	2.18	5.0
M355196		14.4	118.0	<0.002	0.01	1.36	10.8	1	1.9	406	0.67	0.05	10.9	0.272	1.24	3.7
M355197		15.9	135.0	<0.002	0.01	1.43	6.5	<1	1.2	249	0.75	0.05	22.9	0.156	1.35	6.4
M355198		13.3	108.5	<0.002	0.09	9.70	7.4	1	1.7	211	0.69	<0.05	13.7	0.200	1.75	4.4
M355199		1845	105.0	<0.002	1.16	41.8	9.1	1	3.1	176.0	0.60	0.28	12.6	0.227	1.96	5.4
M355200		2.8	0.9	<0.002	0.01	0.11	0.1	<1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M355201		31.4	80.7	<0.002	0.36	7.14	6.1	1	1.8	346	0.72	<0.05	10.0	0.278	2.37	4.8
M355202		32.5	52.7	<0.002	0.11	4.12	6.0	<1	1.6	339	0.76	<0.05	10.5	0.253	1.37	4.7
M355203		21.4	53.7	<0.002	0.08	4.47	5.7	1	1.3	320	0.69	<0.05	11.0	0.249	1.03	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187923

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355168		61	3.6	13.7	59	34.2		
M355169		101	4.4	16.7	75	39.6		
M355170		78	2.5	15.6	45	37.6		
M355171		80	4.9	16.3	44	37.2		
M355172		85	2.5	16.2	58	42.3		
M355173		100	8.1	15.4	77	47.1		
M355174		107	13.2	15.6	62	36.9		
M355175		3	0.2	1.1	13	0.7		
M355176		74	11.4	13.1	61	42.2		
M355177		78	2.2	15.0	50	41.9		
M355178		68	3.3	15.3	59	36.4		
M355179		72	3.4	15.6	43	42.2		
M355180		77	2.9	15.8	48	42.6		
M355181		78	1.4	16.9	40	48.5		
M355182		61	5.3	12.6	3220	40.2		
M355183		78	1.3	16.8	44	46.1		
M355184		82	1.7	18.0	42	48.4		
M355185		74	1.7	16.6	37	48.2		
M355186		74	1.7	16.0	36	44.7		
M355187		82	1.8	17.6	41	44.4		
M355188		74	3.2	16.3	119	36.9		
M355189		80	3.8	15.4	49	40.2		
M355190		83	2.0	16.0	40	42.8		
M355191		79	1.5	17.0	40	45.4		
M355192		76	1.6	15.9	42	40.5		
M355193		76	3.7	14.9	49	37.1		
M355194		77	7.2	16.2	41	37.6		
M355195		50	4.4	9.0	>10000	31.6	116	1.620
M355196		75	5.4	17.1	49	35.8		
M355197		40	54.5	11.0	27	33.9		
M355198		54	31.4	11.3	34	35.5		
M355199		67	10.1	13.8	1050	35.8		
M355200		1	0.1	0.7	15	<0.5		
M355201		55	3.9	12.4	93	103.0		
M355202		51	2.0	12.9	134	79.7		
M355203		48	2.7	12.6	109	76.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12187923

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187924

Project: Klaza - 100

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

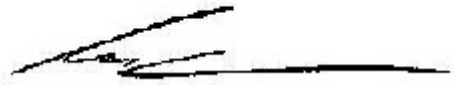
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187924

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811523		2.72	0.008	1.09	7.38	40.5	3130	2.04	0.81	2.62	1.89	73.8	7.9	18	33.3	29.6
N811524		8.05	0.008	0.62	7.54	27.2	1560	1.82	0.32	2.70	1.14	59.0	7.0	19	29.7	13.0
N811525		5.53	<0.005	0.18	7.62	17.4	1940	2.30	0.20	3.05	0.35	70.6	5.1	16	34.0	3.5
N811526		0.26	4.51	>100	5.45	7510	1300	1.32	63.7	1.88	212	35.4	9.4	20	11.45	1165
N811527		3.12	<0.005	0.83	7.15	47.4	1410	1.91	0.25	2.78	0.42	53.5	7.4	70	34.1	13.9
N811528		2.66	0.018	2.06	7.32	149.5	1410	2.23	0.79	3.97	7.29	29.7	25.3	298	33.2	41.5
N811529		2.96	0.447	61.4	6.70	321	530	1.21	6.13	0.75	94.4	44.5	13.7	35	11.25	493
N811530		3.97	<0.005	0.54	0.24	<5	40	0.21	0.06	20.2	0.31	1.58	1.2	7	1.10	4.6
N811531		5.67	0.025	0.96	6.65	140.0	1310	1.56	0.37	2.82	1.36	39.9	4.3	10	10.85	11.9
N811532		4.08	0.022	1.48	6.38	123.5	3000	1.38	0.55	3.44	3.96	43.5	3.9	10	11.50	33.9
N811533		5.48	0.005	0.36	6.99	11.3	1510	1.56	0.24	2.78	0.82	39.8	5.6	12	15.30	4.8
N811534		3.07	0.022	1.25	7.26	204	1500	1.59	0.53	2.77	3.58	50.8	6.0	13	12.85	10.9
N811535		3.48	<0.005	0.31	7.04	12.4	1790	1.51	0.25	2.70	0.52	37.3	4.9	11	13.60	10.1
N811536		2.54	<0.005	0.11	7.62	9.7	2080	1.63	0.16	2.52	0.11	45.2	6.8	11	9.08	9.3
N811537		4.11	<0.005	0.17	7.67	11.8	1970	1.54	0.22	2.47	0.22	51.3	5.4	11	7.28	15.9
N811538		2.93	0.014	0.17	7.17	11.9	1930	1.52	0.15	2.58	0.11	40.0	6.4	12	13.55	18.1
N811539		5.15	0.024	0.81	6.82	141.0	1610	1.40	0.58	3.24	3.56	39.5	6.5	11	16.35	12.1
N811540		2.21	0.007	0.76	7.39	64.2	3190	1.44	0.17	2.26	0.42	40.8	8.5	9	22.2	15.4
N811541		6.49	<0.005	0.19	7.45	7.4	1820	1.75	0.11	2.63	0.12	43.4	6.9	11	12.50	10.2
N811542		<0.02	<0.005	0.10	7.53	7.0	1830	1.56	0.11	2.65	0.12	42.1	6.5	11	12.50	8.3
N811543		2.36	<0.005	0.26	6.84	12.3	1510	1.60	0.16	2.40	1.28	39.5	6.0	8	17.50	7.3
N811544		4.59	<0.005	0.11	7.53	8.6	2000	1.63	0.18	2.83	0.09	44.8	5.1	12	9.49	5.9
N811545		1.97	<0.005	0.13	7.61	8.2	1960	1.46	0.21	3.07	0.08	43.8	5.3	10	9.26	8.8
N811546		2.09	0.045	0.94	6.60	389	1410	1.47	0.32	2.67	4.70	41.7	5.6	9	19.50	11.0
N811547		7.70	0.005	0.08	7.34	8.7	2060	1.51	0.11	2.68	0.08	43.5	6.2	12	9.96	6.1
N811548		4.24	0.011	0.11	7.66	10.8	2110	1.61	0.11	2.82	0.11	46.6	5.4	10	9.83	5.6
N811549		0.26	4.42	>100	5.51	7830	250	1.17	63.4	1.93	221	31.8	9.0	17	10.90	1200
N811550		4.73	<0.005	0.80	7.08	60.1	1720	1.42	0.43	3.08	1.46	36.8	6.5	11	12.70	11.0
N811551		2.51	0.010	2.36	7.56	325	1430	1.42	0.34	1.99	20.5	53.1	4.8	9	15.95	19.0
N811552		2.41	0.846	10.10	5.44	4230	290	1.03	4.27	4.23	64.7	49.7	5.1	5	8.19	122.5
N811553		3.67	<0.005	0.32	0.08	19	30	0.05	0.07	20.1	0.36	1.34	0.6	1	0.17	3.1
N811554		2.77	<0.005	0.54	7.18	33.2	1470	1.46	0.28	2.28	0.77	40.1	6.9	8	15.60	8.5
N811555		8.09	<0.005	0.34	7.18	15.3	1860	1.36	0.14	2.73	1.06	43.6	6.0	10	10.65	7.9
N811556		5.96	<0.005	0.13	7.53	10.4	2000	1.49	0.11	2.42	0.19	45.5	7.2	12	6.09	7.3
N811557		2.63	<0.005	0.13	7.32	10.1	1960	1.42	0.14	2.16	0.13	49.0	6.0	9	6.80	2.9
N811558		3.24	1.310	29.3	6.74	249	270	1.30	61.7	1.54	10.50	48.6	19.0	8	11.55	1265

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811523		2.76	19.10	0.12	2.3	0.180	2.48	35.4	49.4	0.96	1230	3.55	0.06	11.3	6.6	790
N811524		2.40	18.75	0.12	2.6	0.031	2.78	29.4	35.3	0.94	925	2.24	0.07	11.5	7.2	860
N811525		2.48	19.60	0.13	2.5	0.026	2.63	34.3	75.5	1.07	816	1.22	0.06	12.3	4.7	870
N811526		7.74	13.60	0.10	1.3	4.47	2.14	19.0	30.4	0.61	2890	14.80	0.07	5.5	13.9	430
N811527		2.48	17.50	0.11	2.4	0.032	2.31	26.3	72.4	0.98	1050	1.54	0.06	10.5	19.2	690
N811528		5.51	15.75	0.08	1.8	0.257	2.65	14.1	61.8	1.97	3170	2.48	0.06	5.6	89.1	560
N811529		7.14	15.05	0.10	1.1	1.660	2.81	23.6	13.8	0.69	3430	1.98	0.05	6.5	12.7	490
N811530		0.50	0.57	0.08	<0.1	<0.005	0.11	0.7	2.8	12.30	217	0.17	0.01	0.5	3.8	250
N811531		2.25	15.75	0.13	1.1	0.074	2.32	18.8	28.1	0.71	883	0.74	1.29	7.6	2.5	550
N811532		2.25	14.65	0.12	1.1	0.153	2.70	21.7	20.9	1.09	1320	0.50	0.08	6.6	3.7	510
N811533		2.45	16.25	0.12	1.1	0.050	2.55	18.3	28.9	0.69	763	0.93	1.57	7.3	2.9	560
N811534		2.82	16.10	0.14	1.1	0.143	2.57	25.0	19.3	0.79	894	0.90	1.32	7.5	2.8	580
N811535		2.36	16.40	0.11	1.2	0.045	2.51	16.8	15.9	0.65	552	0.76	1.95	7.9	2.7	580
N811536		2.74	16.85	0.13	1.2	0.045	2.59	21.9	15.9	0.82	520	1.65	2.28	8.2	6.2	580
N811537		2.46	16.75	0.16	1.1	0.036	2.42	26.0	18.2	0.79	447	1.08	2.44	8.1	6.5	580
N811538		2.64	16.05	0.12	1.2	0.031	2.51	18.7	23.4	0.66	527	1.28	2.01	7.9	8.4	570
N811539		3.00	15.60	0.15	1.2	0.058	2.58	19.1	24.9	0.88	1100	1.19	1.42	7.6	3.4	580
N811540		2.86	16.70	0.17	1.2	0.038	2.71	19.7	37.3	0.77	1380	0.94	0.05	8.2	7.2	580
N811541		2.79	16.85	0.16	1.3	0.032	2.47	19.5	36.5	0.75	542	1.32	1.79	8.5	3.8	600
N811542		2.84	16.00	0.17	1.3	0.030	2.46	19.1	35.8	0.75	557	1.49	1.80	8.4	2.9	610
N811543		2.85	16.65	0.16	1.3	0.046	2.40	18.8	64.2	0.59	1320	1.00	0.98	8.8	3.0	560
N811544		2.72	16.15	0.16	1.1	0.047	2.27	21.6	14.9	0.78	496	0.66	2.37	8.3	2.9	580
N811545		2.78	16.10	0.15	1.1	0.061	2.26	21.3	13.4	0.77	544	0.67	2.40	7.7	2.8	600
N811546		2.92	15.25	0.15	0.9	0.083	2.33	19.5	49.5	0.67	1240	0.55	1.06	7.3	2.5	520
N811547		2.74	15.70	0.15	1.1	0.040	2.44	20.6	15.7	0.75	564	0.79	2.17	7.7	2.7	580
N811548		2.50	17.10	0.15	1.1	0.043	2.50	23.6	17.7	0.77	518	0.59	2.31	8.0	2.8	590
N811549		7.98	12.60	0.15	1.1	4.51	2.18	14.8	31.5	0.61	2970	15.05	0.09	5.4	13.8	450
N811550		2.53	16.30	0.14	1.0	0.079	2.28	16.9	16.2	0.71	614	1.07	2.16	8.2	3.1	590
N811551		3.75	17.70	0.18	1.1	0.189	2.78	27.5	31.2	0.66	1460	0.68	1.00	8.0	2.7	590
N811552		7.27	13.55	0.15	0.8	0.684	2.35	28.0	9.8	1.56	5080	2.68	0.03	5.5	2.9	430
N811553		0.44	0.22	0.10	<0.1	<0.005	0.03	0.7	0.5	12.05	200	0.25	0.01	0.2	1.6	190
N811554		2.38	16.50	0.20	1.1	0.068	2.72	19.3	32.1	0.67	654	0.48	0.36	8.1	3.3	600
N811555		2.73	15.95	0.16	1.1	0.044	2.47	19.8	13.4	0.74	624	0.83	2.04	7.6	2.9	580
N811556		2.81	16.45	0.16	1.1	0.040	2.43	22.9	12.5	0.80	515	0.69	2.38	8.0	3.0	610
N811557		2.72	16.85	0.17	1.2	0.051	2.34	23.7	14.4	0.76	463	0.94	2.14	8.2	2.9	600
N811558		6.45	14.80	0.15	0.9	1.490	2.81	25.9	29.6	0.62	1600	0.91	0.13	7.0	3.4	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811523		96.9	119.5	0.002	0.30	12.50	7.0	1	2.1	221	0.73	0.05	11.3	0.246	1.99	4.1
N811524		146.0	89.8	<0.002	0.16	10.35	6.3	1	1.6	193.0	0.76	<0.05	9.7	0.268	2.18	4.6
N811525		21.7	99.7	<0.002	0.04	10.80	6.2	1	1.5	241	0.77	<0.05	10.2	0.261	1.93	4.6
N811526		9440	132.5	0.002	7.16	215	7.4	1	9.0	124.5	0.44	0.52	9.4	0.182	2.33	4.9
N811527		33.2	76.6	<0.002	0.08	21.7	8.6	1	1.6	298	0.69	<0.05	8.3	0.275	2.09	5.7
N811528		367	133.0	<0.002	0.65	21.2	20.3	1	2.2	235	0.40	<0.05	4.9	0.327	2.67	3.5
N811529		4250	171.5	<0.002	4.28	91.3	10.0	1	4.4	34.6	0.51	0.95	12.3	0.222	2.77	4.6
N811530		10.8	7.1	<0.002	0.04	0.39	0.6	1	0.2	39.0	<0.05	<0.05	0.2	0.007	0.07	0.5
N811531		201	95.7	<0.002	0.36	5.88	8.3	1	2.2	224	0.66	0.05	11.4	0.236	1.69	3.8
N811532		253	119.0	<0.002	0.58	14.95	8.3	1	2.4	112.5	0.57	0.09	11.0	0.219	2.48	4.1
N811533		43.2	101.5	<0.002	0.27	3.94	8.8	1	1.8	278	0.61	0.07	11.5	0.245	1.64	4.0
N811534		243	123.5	<0.002	0.58	5.96	9.9	1	2.5	248	0.60	0.20	12.3	0.245	1.56	3.9
N811535		33.4	97.0	0.002	0.24	2.90	9.3	1	2.1	314	0.65	0.05	11.2	0.256	1.39	3.7
N811536		18.0	103.5	<0.002	0.17	2.41	10.7	1	1.8	364	0.67	<0.05	12.9	0.258	1.07	4.4
N811537		24.9	101.5	<0.002	0.19	3.06	10.4	1	1.9	369	0.67	<0.05	14.2	0.260	1.08	4.5
N811538		23.2	96.4	<0.002	0.15	2.05	9.4	1	1.8	343	0.71	<0.05	10.8	0.256	1.30	3.8
N811539		130.0	97.8	<0.002	0.50	4.02	9.0	1	2.1	277	0.70	0.14	11.4	0.245	1.63	4.2
N811540		26.4	103.5	<0.002	0.35	8.42	10.1	1	2.1	157.0	0.69	<0.05	12.0	0.256	2.73	4.5
N811541		19.0	97.8	<0.002	0.08	3.79	10.5	1	1.9	353	0.75	<0.05	12.1	0.266	1.17	4.2
N811542		17.8	94.1	<0.002	0.08	3.70	10.1	1	1.8	357	0.77	<0.05	12.0	0.269	1.12	4.4
N811543		61.6	99.4	<0.002	0.17	13.00	9.7	1	2.1	232	0.91	<0.05	13.2	0.245	1.43	4.4
N811544		15.6	88.2	<0.002	0.07	2.70	10.6	2	1.8	390	0.64	<0.05	13.0	0.264	1.03	4.3
N811545		15.8	75.4	<0.002	0.08	2.93	9.7	1	2.0	403	0.66	<0.05	12.1	0.260	0.97	4.3
N811546		349	108.0	<0.002	0.37	8.33	9.5	1	2.2	216	0.57	<0.05	10.8	0.237	1.77	3.6
N811547		15.3	92.6	<0.002	0.05	2.30	9.9	1	1.6	365	0.64	<0.05	12.3	0.257	1.09	4.2
N811548		16.8	95.3	<0.002	0.08	3.72	10.5	1	1.8	379	0.66	<0.05	13.3	0.266	1.17	4.1
N811549		9650	133.0	<0.002	7.35	226	7.2	2	8.6	121.0	0.42	0.40	8.5	0.186	2.25	5.1
N811550		67.5	85.4	<0.002	0.20	4.64	10.3	1	2.0	324	0.63	<0.05	9.6	0.260	1.18	3.5
N811551		789	144.5	<0.002	0.43	7.80	10.9	2	2.8	197.5	0.63	<0.05	14.3	0.257	2.08	4.1
N811552		1485	153.5	<0.002	5.43	39.4	7.8	1	3.7	58.5	0.47	0.11	10.2	0.179	2.62	4.4
N811553		12.5	1.6	<0.002	0.03	0.30	0.2	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811554		63.9	101.0	<0.002	0.28	5.78	9.7	1	2.2	102.5	0.74	<0.05	11.1	0.262	1.97	4.0
N811555		63.5	91.1	<0.002	0.05	2.64	9.6	1	1.8	345	0.60	<0.05	11.6	0.256	1.24	3.5
N811556		19.4	89.5	<0.002	0.04	1.88	10.2	1	1.8	403	0.65	<0.05	12.8	0.262	0.97	3.9
N811557		15.6	93.7	<0.002	0.07	3.60	10.3	1	2.0	343	0.66	<0.05	12.9	0.261	1.05	3.6
N811558		255	164.0	<0.002	4.32	13.30	9.8	2	4.1	65.6	0.58	0.61	13.0	0.225	2.37	8.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187924

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811523		52	4.3	12.9	180	76.8		
N811524		52	5.0	12.0	118	86.8		
N811525		50	4.3	13.2	81	91.3		
N811526		51	4.7	8.8	>10000	30.7	124	1.590
N811527		70	4.2	11.5	101	80.3		
N811528		143	4.7	13.2	693	84.6		
N811529		63	3.3	6.3	6770	24.7		
N811530		5	0.1	1.0	29	<0.5		
N811531		63	2.3	10.8	130	24.0		
N811532		60	3.0	11.1	372	23.2		
N811533		66	2.7	12.3	90	24.9		
N811534		68	2.3	13.9	310	24.7		
N811535		69	2.5	12.6	69	26.6		
N811536		71	5.0	16.4	43	28.3		
N811537		70	2.4	16.8	44	24.7		
N811538		69	2.3	14.8	39	26.0		
N811539		67	4.3	13.8	304	26.2		
N811540		68	5.9	14.3	70	27.4		
N811541		71	4.9	16.5	43	30.1		
N811542		72	4.1	15.6	43	28.0		
N811543		64	5.2	16.3	164	29.1		
N811544		70	3.3	16.7	35	26.9		
N811545		73	2.1	15.3	36	24.6		
N811546		65	3.6	13.5	373	22.3		
N811547		68	4.0	15.4	35	25.2		
N811548		69	3.0	16.0	36	26.9		
N811549		51	4.3	8.7	>10000	31.7	120	1.570
N811550		71	2.1	14.5	132	24.2		
N811551		67	3.8	13.9	1380	28.2		
N811552		47	6.5	10.3	4220	18.9		
N811553		2	0.1	0.9	33	<0.5		
N811554		73	4.3	11.9	85	25.2		
N811555		69	6.2	14.3	108	25.3		
N811556		71	7.0	15.2	42	25.7		
N811557		71	2.9	14.0	40	27.0		
N811558		60	8.8	13.4	1220	23.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187924

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187925

Project: Klaza - 100

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

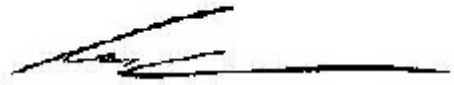
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187925

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811559		4.33	<0.005	0.11	7.59	6.1	1970	1.38	0.10	2.63	0.11	44.4	6.0	11	5.93	5.0
N811560		4.92	<0.005	0.35	6.85	9.8	1570	1.61	0.45	3.28	2.05	38.6	4.8	10	9.37	8.9
N811561		2.70	<0.005	0.16	7.43	10.0	1320	1.51	0.15	3.13	0.12	56.0	9.5	11	7.38	1.8
N811562		9.40	<0.005	0.07	7.52	7.1	2130	1.68	0.09	2.59	0.10	47.7	7.1	14	4.16	5.4
N811563		<0.02	<0.005	0.10	7.65	6.6	2190	1.48	0.09	2.64	0.09	50.0	6.4	12	3.98	5.7
N811564		7.74	<0.005	0.07	7.72	5.8	2250	1.59	0.09	2.80	0.13	49.4	7.7	12	4.63	6.9
N811565		6.94	<0.005	0.08	7.05	4.8	2030	1.57	0.15	2.84	0.14	42.0	7.5	11	6.42	6.3
N811566		0.26	4.48	>100	5.45	6880	1340	1.13	64.6	1.97	224	34.4	9.4	17	10.45	1230
N811567		8.28	<0.005	0.12	7.42	6.1	2130	1.65	0.29	2.74	0.19	46.9	8.6	11	6.83	12.9
N811568		6.86	<0.005	0.13	7.52	7.4	2130	1.76	0.16	2.67	0.24	45.8	8.2	11	11.25	9.7
N811569		2.16	0.005	0.26	7.10	18.6	1940	1.45	0.26	2.95	8.65	42.7	7.3	10	11.00	11.1
N811570		1.40	<0.005	0.27	7.11	20.4	1860	1.54	0.20	2.98	6.52	42.7	8.3	10	12.40	10.2
N811571		4.31	0.056	1.00	7.70	140.5	1520	1.77	0.42	2.08	8.01	56.6	8.1	10	16.00	14.9
N811572		2.66	0.077	2.37	6.78	141.0	760	1.54	0.69	1.93	15.50	47.5	8.5	8	17.45	42.1
N811573		3.25	<0.005	0.43	0.08	<5	20	0.05	0.03	19.95	0.07	1.29	0.6	1	0.15	2.3
N811574		2.63	0.012	0.60	7.07	54.1	950	1.29	0.26	2.43	4.00	49.8	6.4	7	15.45	19.0
N811575		2.64	0.009	0.30	7.53	19.4	1630	1.34	0.20	1.70	0.60	50.7	8.4	10	15.25	13.4
N811576		7.62	<0.005	0.16	7.11	6.5	2200	1.69	0.16	2.63	0.82	42.1	7.5	11	13.70	9.1
N811577		0.26	2.26	26.8	5.99	3270	1920	1.41	19.25	2.24	77.0	43.8	11.0	19	13.65	428
N811578		6.57	<0.005	0.45	7.31	37.2	2060	1.69	0.20	2.52	0.24	43.8	7.0	11	12.30	6.2
N811579		3.31	0.075	11.80	6.19	829	1610	1.48	0.78	3.65	26.7	45.3	6.4	8	11.95	49.9
N811580		7.90	<0.005	0.45	7.67	7.8	2100	1.68	0.13	2.68	2.56	47.8	7.4	12	9.90	10.9
N811581		7.48	<0.005	0.21	7.68	7.2	2160	1.63	0.12	2.57	0.60	47.5	7.4	11	7.56	8.8
N811582		2.94	<0.005	0.12	7.19	5.8	2140	1.57	0.14	2.41	0.10	44.4	6.4	11	8.57	5.9
N811583		2.10	<0.005	0.42	7.95	18.3	1820	1.75	0.16	2.66	1.33	61.8	7.9	11	19.50	8.6
N811584		6.67	<0.005	0.13	7.97	6.5	2390	1.51	0.13	2.63	0.15	49.8	5.8	12	7.24	4.1
N811585		2.98	<0.005	0.11	7.52	9.5	2150	1.59	0.15	2.89	0.19	46.2	6.3	14	18.95	5.8
N811586		6.76	<0.005	0.08	7.81	5.5	2340	1.58	0.17	2.85	0.10	46.9	6.4	12	11.45	7.0
N811587		2.69	<0.005	0.19	8.01	7.0	2220	1.58	0.14	2.83	0.11	49.4	6.4	11	13.05	5.4
N811588		2.23	0.017	0.42	7.19	32.2	1910	1.54	0.41	2.78	2.54	41.3	4.8	9	14.90	7.3
N811589		3.76	<0.005	0.01	0.10	<5	40	0.07	0.03	21.6	0.06	1.87	0.6	1	0.58	2.9
N811590		2.37	<0.005	0.10	8.06	7.9	1940	1.08	0.19	1.54	0.21	59.4	6.3	9	12.80	5.5
N811591		5.45	<0.005	0.11	8.08	10.7	2010	1.20	0.18	1.37	0.26	55.9	6.7	10	12.05	6.6
N811592		2.66	0.103	0.81	6.90	244	1520	1.41	0.16	3.20	4.84	52.9	6.5	9	23.4	8.0
N811593		4.85	<0.005	0.13	7.72	15.5	1950	1.44	0.23	2.25	0.27	52.0	6.5	10	23.7	6.8
N811594		3.54	<0.005	0.10	7.67	12.1	2080	1.41	0.20	2.46	0.19	45.7	5.9	13	26.9	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187925

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811559		2.68	16.10	0.13	1.0	0.049	2.47	23.6	9.4	0.80	527	1.08	2.40	7.7	3.0	590
N811560		2.47	15.90	0.11	0.9	0.069	2.35	18.9	9.1	0.67	716	0.52	1.94	7.5	3.2	590
N811561		2.24	16.60	0.18	0.8	0.064	2.13	30.9	11.3	0.65	482	0.37	2.19	8.2	3.1	600
N811562		2.93	17.45	0.13	0.9	0.048	2.54	25.1	11.5	0.86	526	0.67	2.41	8.3	3.1	590
N811563		3.01	16.00	0.15	0.9	0.045	2.57	26.2	10.7	0.88	539	0.71	2.44	7.6	3.0	600
N811564		3.07	16.50	0.17	1.0	0.037	2.70	26.1	13.2	0.88	681	1.20	2.38	8.0	2.9	610
N811565		2.93	16.35	0.14	1.0	0.048	2.50	20.7	15.8	0.80	641	1.18	2.16	7.9	3.1	580
N811566		8.13	13.30	0.17	0.9	4.59	2.27	18.3	30.7	0.64	3020	14.95	0.09	5.4	13.7	440
N811567		2.96	16.65	0.13	1.0	0.036	2.60	22.4	18.8	0.87	657	0.97	2.31	8.3	2.9	600
N811568		2.85	16.80	0.14	1.1	0.037	2.70	23.2	15.6	0.73	725	1.28	2.13	8.0	2.9	570
N811569		3.17	15.55	0.15	1.1	0.081	3.32	21.1	11.9	0.75	1840	1.17	1.22	7.6	2.8	580
N811570		3.19	16.45	0.15	1.1	0.076	3.28	20.2	13.1	0.78	1900	1.17	1.18	8.0	3.1	590
N811571		4.45	17.60	0.17	1.1	0.174	3.00	31.3	29.0	0.80	1530	1.27	1.06	8.5	2.9	580
N811572		4.74	14.90	0.14	0.8	0.270	2.67	27.9	60.8	0.90	2660	1.65	0.24	6.8	2.9	510
N811573		0.43	0.22	0.14	<0.1	<0.005	0.03	0.7	1.1	12.40	181	0.17	0.01	0.2	2.3	190
N811574		4.10	15.05	0.16	0.7	0.241	2.45	27.4	62.5	0.93	2320	1.03	0.05	6.9	2.1	540
N811575		3.08	16.50	0.16	0.9	0.095	2.74	25.8	33.8	0.59	1120	1.47	0.51	7.7	2.6	600
N811576		2.97	16.60	0.16	1.0	0.044	2.62	19.6	17.5	0.71	722	1.17	2.06	8.2	3.0	600
N811577		6.82	14.75	0.13	0.7	1.735	2.62	26.1	23.7	0.93	1860	13.35	0.05	6.0	15.8	430
N811578		3.01	15.40	0.13	1.0	0.048	2.63	22.3	17.5	0.79	771	1.00	1.99	7.5	2.6	580
N811579		4.06	13.15	0.15	0.8	0.452	2.67	24.5	23.9	1.03	2370	0.73	0.05	5.8	2.7	480
N811580		3.02	17.35	0.14	1.1	0.047	2.65	24.7	17.5	0.81	769	1.43	2.21	8.4	2.7	590
N811581		2.97	16.05	0.18	0.9	0.035	2.56	25.1	17.5	0.89	654	0.90	2.31	7.9	2.9	590
N811582		2.75	15.55	0.19	0.8	0.044	2.47	22.6	15.1	0.78	523	0.93	2.33	7.7	2.7	590
N811583		3.27	17.45	0.14	1.1	0.078	2.95	32.3	18.8	0.83	1040	0.89	1.51	9.1	4.5	660
N811584		2.95	15.85	0.14	1.2	0.056	2.81	25.5	16.0	0.92	571	0.57	2.77	8.4	2.9	630
N811585		2.93	16.40	0.15	1.1	0.053	2.74	21.7	11.6	0.79	711	0.76	2.35	8.7	2.9	630
N811586		2.93	16.45	0.14	1.2	0.048	2.80	22.4	12.8	0.80	553	0.76	2.53	8.5	2.9	620
N811587		2.99	16.10	0.15	1.3	0.052	2.85	24.7	14.0	0.77	595	0.66	2.37	8.7	2.8	620
N811588		3.24	14.65	0.14	1.1	0.304	3.14	20.1	20.8	0.91	1560	0.59	0.22	7.6	2.2	580
N811589		0.46	0.29	0.13	<0.1	0.009	0.05	0.9	1.4	13.30	204	0.17	0.01	0.3	1.4	190
N811590		2.79	15.80	0.20	1.1	0.049	2.34	32.1	34.3	0.56	719	0.45	0.15	8.4	2.5	640
N811591		2.89	16.85	0.15	1.2	0.060	2.54	29.5	38.6	0.43	710	0.91	0.09	9.2	2.5	660
N811592		3.17	13.90	0.16	1.0	0.096	2.55	30.4	22.7	1.09	1480	5.81	0.05	6.9	3.2	530
N811593		3.02	16.25	0.15	1.1	0.061	2.82	27.5	46.7	0.64	710	0.95	1.12	8.6	2.6	620
N811594		2.89	15.70	0.14	1.2	0.043	2.85	22.6	39.3	0.58	403	0.78	1.06	8.6	2.4	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187925

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811559		15.7	96.1	<0.002	0.04	1.38	10.1	1	1.6	375	0.61	<0.05	13.9	0.257	1.01	3.9
N811560		103.0	82.0	<0.002	0.11	2.13	9.0	<1	1.8	284	0.57	<0.05	10.8	0.247	1.27	3.2
N811561		16.5	94.8	<0.002	0.10	2.36	10.4	1	1.8	254	0.61	<0.05	13.2	0.261	1.09	4.2
N811562		16.2	98.8	<0.002	0.01	1.46	10.3	1	1.7	399	0.62	<0.05	12.9	0.259	0.92	4.0
N811563		16.8	91.0	<0.002	0.01	1.40	9.7	1	1.7	404	0.61	<0.05	13.1	0.263	0.98	4.0
N811564		18.9	95.6	0.002	0.01	1.24	9.8	<1	1.7	408	0.66	<0.05	13.5	0.266	1.04	3.9
N811565		20.7	85.2	<0.002	0.01	1.37	9.7	1	1.7	374	0.65	<0.05	11.6	0.256	0.93	3.6
N811566		9450	133.5	0.002	7.16	221	7.0	1	8.5	123.5	0.41	0.49	8.9	0.180	2.23	5.0
N811567		21.4	92.2	<0.002	0.01	1.14	9.8	1	2.3	406	0.66	<0.05	13.3	0.258	0.96	4.1
N811568		25.9	106.0	<0.002	0.01	2.03	9.6	<1	2.1	369	0.65	<0.05	13.0	0.250	1.06	4.3
N811569		57.1	134.5	<0.002	0.20	3.05	8.7	1	2.1	246	0.68	<0.05	12.8	0.242	2.00	4.4
N811570		68.5	139.5	<0.002	0.20	3.18	9.3	1	2.1	242	0.68	<0.05	12.6	0.248	2.11	4.1
N811571		267	162.5	<0.002	0.83	5.26	11.0	1	2.9	212	0.73	<0.05	16.7	0.249	1.96	6.2
N811572		519	154.0	<0.002	1.09	15.35	8.8	1	3.7	83.8	0.57	<0.05	13.8	0.217	2.38	6.1
N811573		2.2	1.2	<0.002	0.01	0.06	0.2	<1	<0.2	44.2	<0.05	<0.05	0.2	<0.005	0.02	0.7
N811574		76.5	116.5	<0.002	0.28	14.65	9.3	1	2.8	82.6	0.54	<0.05	12.8	0.224	1.89	4.2
N811575		43.0	110.5	<0.002	0.07	13.00	9.6	1	2.1	140.5	0.61	<0.05	14.0	0.254	1.52	3.2
N811576		49.3	88.3	<0.002	0.02	7.81	9.5	1	1.9	352	0.64	<0.05	11.1	0.261	1.21	3.5
N811577		2800	159.0	<0.002	4.90	88.0	7.9	1	8.2	95.7	0.45	0.40	10.8	0.179	2.32	5.1
N811578		32.4	95.2	<0.002	0.04	1.88	9.2	1	1.6	345	0.64	<0.05	12.5	0.251	1.30	4.2
N811579		4690	159.5	<0.002	0.99	18.55	8.4	1	2.1	74.1	0.47	<0.05	12.0	0.190	2.13	5.0
N811580		99.5	104.0	<0.002	0.03	1.49	10.3	1	1.7	370	0.69	<0.05	14.3	0.256	1.17	4.6
N811581		28.7	99.6	<0.002	0.01	0.95	10.1	1	1.6	408	0.65	<0.05	13.2	0.256	0.94	4.5
N811582		17.3	93.9	<0.002	0.01	1.67	9.6	1	1.6	376	0.60	<0.05	14.4	0.252	0.98	4.4
N811583		129.0	118.5	<0.002	0.21	7.32	11.0	1	1.9	247	0.66	0.05	13.5	0.281	1.75	3.9
N811584		18.0	100.5	<0.002	0.02	2.12	9.9	1	1.7	439	0.67	<0.05	13.7	0.275	1.03	4.1
N811585		20.4	107.5	<0.002	0.04	3.62	9.8	1	1.8	344	0.65	<0.05	12.4	0.273	1.23	3.6
N811586		18.0	98.3	<0.002	0.03	1.89	9.7	1	1.9	413	0.63	<0.05	12.7	0.275	1.16	3.6
N811587		18.2	115.0	<0.002	0.07	1.97	10.3	1	1.7	384	0.66	<0.05	14.7	0.272	1.32	4.6
N811588		53.0	131.5	<0.002	0.30	9.14	8.8	1	2.3	102.0	0.61	<0.05	12.3	0.245	2.35	3.7
N811589		1.4	3.3	<0.002	0.01	0.11	0.2	1	0.2	51.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811590		12.6	101.5	<0.002	0.10	20.8	10.2	1	2.0	96.7	0.59	<0.05	14.9	0.266	1.26	3.0
N811591		19.9	112.0	<0.002	0.09	20.3	11.1	1	2.2	98.9	0.65	<0.05	14.8	0.276	1.27	3.1
N811592		171.5	132.5	<0.002	0.67	17.15	9.2	1	3.0	121.0	0.51	<0.05	13.2	0.225	2.62	6.8
N811593		26.1	123.5	<0.002	0.10	11.75	10.3	1	2.6	223	0.65	<0.05	13.3	0.265	1.67	3.8
N811594		18.2	110.0	<0.002	0.06	6.28	9.9	1	2.0	243	0.65	<0.05	14.1	0.274	1.66	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187925

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811559		70	2.7	14.9	40	25.9		
N811560		70	1.8	12.2	190	23.2		
N811561		72	2.0	14.3	46	23.9		
N811562		71	2.2	16.4	39	26.1		
N811563		71	2.0	15.7	39	22.6		
N811564		72	1.6	16.5	50	26.1		
N811565		71	2.7	14.9	46	26.5		
N811566		53	4.5	9.3	>10000	28.7	117	1.655
N811567		69	1.2	16.2	54	27.5		
N811568		68	1.9	16.4	61	29.5		
N811569		67	2.7	14.0	547	27.5		
N811570		67	2.8	14.8	423	28.8		
N811571		69	4.6	16.2	608	28.5		
N811572		61	5.4	10.9	1370	21.3		
N811573		1	0.1	0.9	14	<0.5		
N811574		65	4.2	13.8	379	20.9		
N811575		69	3.4	14.9	89	24.7		
N811576		72	2.5	15.0	82	27.6		
N811577		56	5.1	9.7	5270	28.8		
N811578		69	1.9	14.7	62	25.8		
N811579		55	5.9	15.6	1900	21.1		
N811580		70	1.7	16.9	204	29.0		
N811581		70	1.0	16.7	74	23.6		
N811582		67	1.3	14.7	39	21.9		
N811583		78	2.2	17.4	121	27.9		
N811584		74	1.2	15.9	46	24.4		
N811585		75	1.4	14.8	55	24.4		
N811586		73	0.9	15.3	43	27.2		
N811587		73	2.7	16.3	43	28.9		
N811588		68	2.2	12.3	244	22.4		
N811589		2	0.1	0.9	14	<0.5		
N811590		71	3.4	16.4	62	26.5		
N811591		75	3.4	16.1	60	28.3		
N811592		61	4.9	15.0	537	22.1		
N811593		72	3.0	15.3	61	25.7		
N811594		74	1.4	13.9	45	24.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187925

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187926

Project: Klaza - 100

P.O. No.: Batch 7

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

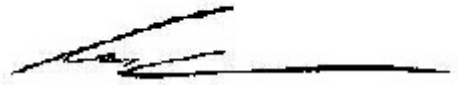
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187926

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811595		2.47	0.156	1.40	7.68	394	1790	1.64	1.68	2.48	3.18	56.5	7.2	9	23.2	24.3
N811596		2.31	<0.005	0.17	7.65	20.6	2090	1.54	0.21	2.55	0.18	47.1	6.0	10	18.50	7.8
N811597		5.25	<0.005	0.08	7.57	10.2	2170	1.58	0.20	2.79	0.09	49.5	6.0	14	12.30	5.9
N811598		3.22	<0.005	0.06	7.85	8.8	2250	1.55	0.13	2.87	0.08	50.5	5.9	12	10.65	5.6
N811599		4.03	<0.005	0.17	7.65	10.7	1580	1.60	0.22	2.90	0.14	48.6	7.0	9	16.75	6.1
N811600		2.35	<0.005	0.14	8.05	7.8	2400	1.63	0.62	2.97	0.21	53.2	8.4	12	10.00	15.8
N811601		0.26	2.30	26.7	6.25	3590	1730	1.23	20.9	2.31	79.4	46.6	10.7	18	14.00	441
N811602		2.43	0.071	0.19	7.02	304	1920	1.52	0.24	3.44	0.15	41.7	7.6	10	21.6	10.1
N811603		7.30	<0.005	0.09	7.97	8.7	2270	1.61	0.16	2.84	0.13	46.4	5.4	12	11.95	6.0
N811604		6.02	<0.005	0.09	8.04	6.9	2130	1.60	0.14	2.96	0.20	50.9	6.4	10	13.65	4.4
N811605		<0.02	<0.005	0.12	7.52	10.0	2150	1.69	0.16	2.91	0.30	46.5	6.6	14	13.35	4.9
N811606		3.58	0.013	0.10	8.17	56.9	2000	1.38	0.10	1.77	0.12	51.6	7.1	10	17.50	4.8
N811607		4.29	0.015	0.37	7.20	87.2	1510	1.65	0.15	2.98	0.43	50.5	6.9	9	23.1	6.0
N811608		2.50	<0.005	0.01	0.10	5	20	0.05	0.07	21.3	0.07	1.33	0.8	2	0.39	2.5
N811609		3.51	<0.005	0.10	7.07	14.4	1830	1.45	0.15	3.02	0.26	43.2	6.6	11	19.45	8.9
N811610		2.98	<0.005	0.07	7.43	6.8	2140	1.47	0.12	2.87	0.09	47.5	6.1	11	19.00	6.4
N811611		1.09	<0.005	0.06	7.09	7.5	2040	1.54	0.12	2.85	0.08	45.5	5.8	13	19.05	6.2
N811612		3.63	<0.005	0.09	7.81	17.8	2460	1.22	0.15	1.83	0.18	44.5	5.7	10	19.00	10.4
N811613		2.89	<0.005	0.20	7.84	18.6	1610	1.45	0.22	2.48	0.20	45.2	5.4	11	21.4	15.1
N811614		2.71	<0.005	0.38	7.40	21.2	1640	1.77	0.34	2.62	0.25	30.8	6.1	9	18.05	52.7
N811615		0.26	4.56	>100	5.48	8170	1150	1.10	65.1	1.97	225	37.2	8.9	16	11.10	1220
N811616		2.72	0.011	0.43	7.67	74.3	1980	1.29	0.27	3.05	0.39	39.7	7.5	10	20.8	50.9
N811617		3.72	0.009	0.22	8.01	50.6	1400	1.56	0.21	3.12	0.21	52.9	7.1	8	22.2	12.9
N811618		2.95	0.040	0.46	7.72	283	1030	1.55	0.39	2.90	0.43	49.7	6.1	8	25.4	19.7
N811619		3.15	0.045	1.33	7.42	277	710	1.55	1.50	2.99	6.59	46.6	10.8	13	19.05	24.2
N811620		2.09	<0.005	0.02	0.11	5	20	0.06	0.03	21.1	0.08	1.35	0.6	1	0.29	3.6
N811621		4.50	<0.005	0.24	8.44	22.7	3020	1.75	0.57	3.37	0.20	62.3	7.8	57	29.6	30.3
N811622		3.01	<0.005	0.16	8.48	10.5	2270	1.09	0.49	1.87	0.29	44.3	7.4	9	19.00	16.1
N811623		3.66	<0.005	0.18	8.04	12.7	1710	1.29	0.22	1.90	0.28	40.8	5.3	10	16.25	7.7
N811624		2.63	<0.005	0.13	7.27	24.7	1750	1.64	0.14	3.15	0.14	37.9	5.6	12	17.50	7.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187926

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811595		4.21	15.65	0.14	1.0	0.227	3.08	30.8	61.3	1.01	2250	2.31	0.07	7.9	3.2	610
N811596		2.90	15.65	0.13	1.1	0.047	3.01	22.3	17.3	0.66	637	0.89	1.78	8.2	2.4	620
N811597		2.89	15.60	0.15	1.1	0.046	2.68	25.2	13.1	0.80	549	0.80	2.42	8.3	2.7	630
N811598		2.91	16.30	0.15	1.2	0.048	2.68	24.6	14.7	0.77	541	0.69	2.59	8.6	3.0	680
N811599		2.66	16.30	0.14	1.2	0.052	2.42	23.5	21.8	0.64	489	0.66	1.86	8.9	3.1	650
N811600		3.15	17.15	0.16	1.2	0.056	2.63	25.6	12.8	0.87	577	1.35	2.41	9.2	3.0	690
N811601		6.84	14.10	0.15	1.0	1.620	2.71	25.2	24.6	0.96	1920	13.35	0.05	6.1	14.6	460
N811602		2.99	15.55	0.14	1.1	0.049	2.68	18.8	21.9	0.76	777	0.67	1.37	8.1	4.6	620
N811603		2.73	16.15	0.15	1.1	0.042	2.71	22.2	16.1	0.78	506	1.12	2.61	8.5	2.9	620
N811604		2.82	16.50	0.16	1.3	0.035	2.65	25.8	16.4	0.75	539	1.37	2.55	8.8	2.6	610
N811605		2.86	16.40	0.13	1.3	0.039	2.72	22.9	16.7	0.73	553	1.48	2.45	8.8	2.8	610
N811606		3.02	16.90	0.15	1.3	0.037	2.87	27.2	33.3	0.63	549	1.06	0.68	9.4	2.6	650
N811607		3.26	15.55	0.14	1.2	0.076	2.71	26.1	51.6	0.95	1550	1.20	0.32	8.1	2.7	560
N811608		0.50	0.31	0.14	<0.1	<0.005	0.04	0.6	1.3	13.20	231	0.18	0.01	0.1	2.2	180
N811609		2.56	15.25	0.19	1.3	0.038	2.55	20.5	21.2	0.69	556	1.37	2.11	8.6	2.6	590
N811610		2.68	15.70	0.16	1.2	0.024	2.74	22.2	17.7	0.70	528	0.77	2.04	8.2	2.4	610
N811611		2.68	15.65	0.14	1.2	0.042	2.68	21.8	17.9	0.64	536	0.75	2.00	8.5	2.4	590
N811612		2.44	16.10	0.13	1.0	0.046	2.16	22.9	204	0.57	682	0.55	0.08	8.8	2.7	650
N811613		2.34	15.85	0.16	1.0	0.051	2.46	24.1	127.0	0.83	783	0.45	0.07	8.3	2.6	590
N811614		2.73	15.95	0.14	1.1	0.069	2.46	14.2	33.3	0.81	531	0.47	1.36	8.6	3.2	630
N811615		7.86	12.50	0.14	1.2	4.37	2.26	19.0	32.6	0.64	2940	15.05	0.09	5.7	13.1	450
N811616		2.23	17.15	0.14	1.1	0.062	2.58	19.2	47.0	0.90	661	0.56	0.25	8.9	4.4	610
N811617		3.18	15.85	0.15	1.1	0.056	2.67	28.2	69.1	1.03	779	0.97	0.12	8.2	3.0	640
N811618		2.87	15.75	0.16	1.0	0.090	2.90	27.3	89.7	1.08	1240	1.04	0.06	7.8	3.4	580
N811619		4.94	16.55	0.09	0.8	0.461	2.77	26.0	38.0	1.18	2890	1.42	0.05	7.2	6.8	630
N811620		0.47	0.30	0.07	<0.1	0.011	0.04	0.7	1.3	13.10	193	0.17	0.01	0.2	1.6	180
N811621		4.15	19.90	0.09	1.7	0.227	1.18	35.3	59.5	1.30	687	0.38	0.21	8.3	10.7	1380
N811622		2.99	18.60	0.10	1.2	0.050	2.88	23.2	36.4	0.72	491	1.02	0.24	9.5	5.4	650
N811623		2.60	17.90	0.09	1.1	0.072	2.65	20.0	33.7	0.62	685	1.09	0.25	9.3	3.7	620
N811624		2.70	17.40	0.09	0.9	0.052	2.61	18.4	34.5	0.91	800	0.69	1.68	8.5	3.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187926

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811595		133.0	161.0	<0.002	0.89	16.65	10.3	1	2.5	106.5	0.57	0.07	17.5	0.252	2.76	6.4
N811596		23.9	115.5	<0.002	0.11	5.46	9.5	<1	2.0	307	0.66	<0.05	13.4	0.272	1.65	3.8
N811597		16.1	94.9	<0.002	0.05	2.23	9.8	1	1.8	399	0.67	<0.05	11.8	0.273	1.13	3.4
N811598		15.9	95.1	<0.002	0.04	2.08	10.3	1	1.8	408	0.60	<0.05	13.1	0.283	1.11	3.7
N811599		13.8	100.0	<0.002	0.13	6.01	10.3	1	2.2	279	0.63	0.10	12.4	0.282	1.09	3.3
N811600		17.0	99.7	<0.002	0.09	1.43	11.0	1	2.2	436	0.64	<0.05	13.1	0.287	1.10	4.4
N811601		2830	165.0	0.002	5.08	91.6	8.0	1	8.2	97.4	0.47	0.36	11.8	0.186	2.53	5.5
N811602		18.8	94.0	<0.002	0.19	6.64	8.9	1	1.8	274	0.62	<0.05	9.4	0.264	1.62	3.4
N811603		19.1	101.0	<0.002	0.02	2.44	10.1	1	1.8	403	0.62	<0.05	12.9	0.275	1.06	3.8
N811604		22.6	106.5	<0.002	0.02	2.12	9.9	1	1.7	448	0.72	<0.05	13.2	0.274	1.02	4.0
N811605		26.0	96.4	<0.002	0.02	2.17	10.0	1	1.7	433	0.68	<0.05	13.0	0.270	1.07	4.2
N811606		16.2	121.5	<0.002	0.05	10.50	10.6	1	1.6	180.0	0.75	<0.05	14.4	0.274	1.43	4.1
N811607		39.5	118.0	0.002	0.32	8.99	9.3	1	2.3	132.5	0.65	<0.05	12.7	0.239	2.20	5.6
N811608		1.5	2.7	<0.002	0.02	0.12	0.5	<1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N811609		17.8	96.7	<0.002	0.09	2.00	9.3	1	1.7	363	0.74	<0.05	12.1	0.259	1.29	3.8
N811610		15.8	108.5	<0.002	0.04	2.85	9.3	1	1.6	383	0.71	<0.05	12.5	0.259	1.28	3.6
N811611		16.6	97.6	<0.002	0.04	3.45	9.4	1	1.6	368	0.71	<0.05	12.0	0.258	1.30	3.6
N811612		12.0	90.1	<0.002	0.20	27.2	10.4	1	1.8	136.0	0.63	<0.05	11.9	0.271	1.36	2.5
N811613		14.7	116.5	0.002	0.18	21.2	10.6	1	1.7	105.0	0.61	<0.05	13.6	0.264	1.71	4.9
N811614		17.0	94.2	<0.002	0.13	15.55	10.1	1	1.9	310	0.64	0.16	12.3	0.265	1.44	3.4
N811615		9320	137.5	0.003	7.19	216	7.2	1	8.9	130.5	0.42	0.44	9.4	0.180	2.28	5.4
N811616		21.3	102.0	<0.002	0.25	16.20	10.0	1	2.0	137.0	0.64	0.09	12.0	0.272	1.70	3.8
N811617		16.8	121.0	<0.002	0.28	8.38	10.6	1	2.4	157.5	0.63	<0.05	13.9	0.271	2.05	5.1
N811618		20.0	162.5	<0.002	0.50	13.30	10.4	1	2.2	114.5	0.63	<0.05	15.7	0.249	2.81	5.4
N811619		123.5	158.0	<0.002	1.49	15.20	11.0	1	3.7	117.0	0.64	0.31	12.0	0.242	2.62	9.3
N811620		1.7	1.8	<0.002	0.02	0.16	0.3	<1	0.2	49.3	<0.05	<0.05	0.2	<0.005	0.02	0.9
N811621		13.3	35.4	<0.002	0.18	22.6	20.2	1	4.0	231	0.56	0.23	6.3	0.454	0.92	5.0
N811622		22.2	115.5	<0.002	0.11	11.15	11.6	1	2.9	142.0	0.82	0.26	13.2	0.280	1.31	3.6
N811623		20.3	108.5	<0.002	0.07	12.70	11.0	1	1.9	119.0	0.89	0.06	13.5	0.262	1.33	3.8
N811624		17.4	96.6	<0.002	0.08	4.78	10.5	1	1.8	309	0.68	<0.05	10.0	0.254	1.29	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187926

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811595		69	5.0	15.3	315	23.8		
N811596		74	2.6	14.6	52	24.4		
N811597		74	1.9	15.3	42	23.6		
N811598		77	1.0	16.1	41	27.3		
N811599		76	1.7	13.9	43	26.0		
N811600		79	0.7	16.8	62	27.5		
N811601		59	5.4	10.0	5270	25.5		
N811602		74	3.1	13.6	46	24.2		
N811603		75	1.0	15.3	42	26.4		
N811604		74	1.3	16.0	51	27.9		
N811605		74	1.5	15.5	58	30.2		
N811606		76	3.6	16.5	48	30.2		
N811607		66	4.9	14.3	73	26.1		
N811608		3	0.1	0.9	14	<0.5		
N811609		71	1.5	14.5	48	27.3		
N811610		71	1.2	15.5	37	24.8		
N811611		71	1.4	14.5	37	26.0		
N811612		71	9.3	14.6	45	23.9		
N811613		70	2.8	15.0	46	25.0		
N811614		70	1.1	15.5	49	24.1		
N811615		52	4.2	9.2	>10000	31.8	116	1.640
N811616		73	3.4	14.6	64	25.7		
N811617		74	2.9	18.1	55	23.1		
N811618		68	3.4	15.8	85	23.5		
N811619		71	3.9	13.4	501	26.6		
N811620		2	0.1	0.9	15	<0.5		
N811621		172	5.9	16.8	55	62.5		
N811622		77	2.6	16.0	50	33.3		
N811623		69	3.2	16.6	61	30.3		
N811624		70	1.8	15.1	49	26.1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12187926

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187927

Project: Klaza - 102

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

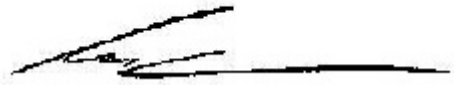
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187927

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814205		3.73	0.026	0.56	7.46	53.8	1490	1.58	0.23	2.38	1.26	45.4	10.4	9	17.30	25.3
N814206		4.68	<0.005	0.09	7.81	4.6	2090	1.60	0.19	2.96	0.22	54.3	9.1	12	6.01	12.1
N814207		5.06	<0.005	0.38	7.75	24.6	1930	1.64	0.51	2.31	0.51	49.8	8.5	10	11.20	14.5
N814208		5.04	<0.005	0.16	7.49	31.5	1990	1.48	0.24	2.30	0.74	50.0	7.4	8	9.90	11.0
N814209		2.81	<0.005	0.06	7.39	5.7	2100	1.54	0.15	2.63	0.24	48.1	7.4	8	8.89	8.4
N814210		1.29	<0.005	0.07	7.71	8.0	2160	1.52	0.19	2.80	0.20	48.9	7.3	8	9.34	8.8
N814211		4.60	0.067	0.94	7.50	87.8	1640	1.82	0.62	2.19	1.39	46.7	9.0	8	17.45	10.4
N814212		3.81	0.055	0.90	7.93	26.5	2300	1.57	0.68	2.28	0.85	52.5	8.1	9	8.24	44.0
N814213		7.56	<0.005	0.09	7.59	4.8	2330	1.43	0.08	2.66	0.15	52.3	7.8	12	6.99	8.8
N814214		0.28	0.765	9.20	6.23	1690	1530	1.33	5.76	1.86	40.1	43.1	15.6	19	15.75	99.9
N814215		5.00	<0.005	0.08	7.61	4.7	2180	1.48	0.11	2.79	0.12	53.1	7.8	10	5.04	7.0
N814216		3.91	<0.005	0.12	7.59	8.4	2060	1.34	0.07	2.81	0.22	45.4	7.3	8	15.70	6.4
N814217		7.63	<0.005	0.10	7.82	4.7	2240	1.44	0.08	2.76	0.12	50.0	7.8	9	6.78	8.3
N814218		8.56	<0.005	0.06	7.81	3.2	2240	1.45	0.14	2.91	0.11	49.8	7.9	11	3.90	7.4
N814219		3.04	<0.005	0.08	7.92	3.2	2340	1.52	0.16	2.75	0.14	51.5	8.1	9	6.12	6.7
N814220		4.20	<0.005	0.28	7.63	9.9	1960	1.50	0.33	2.63	0.52	46.8	7.6	8	9.57	13.4
N814221		3.61	<0.005	0.02	0.13	<5	30	0.14	0.03	20.6	0.06	1.41	0.7	<1	0.65	2.4
N814222		7.84	<0.005	0.07	7.34	3.7	2140	1.43	0.17	2.84	0.08	43.8	7.6	11	6.13	7.2
N814223		6.61	<0.005	0.06	7.48	3.8	2120	1.42	0.18	2.92	0.08	44.6	7.8	13	7.00	7.6
N814224		<0.02	<0.005	0.08	7.60	3.3	2080	1.41	0.21	2.95	0.07	45.3	7.3	12	6.67	6.4
N814225		5.84	<0.005	0.07	7.08	2.6	2050	1.40	0.13	2.94	0.09	41.5	7.6	13	6.81	7.4
N814226		5.33	<0.005	0.08	7.43	6.9	2080	1.37	0.22	2.87	0.09	44.0	7.5	11	5.48	7.7
N814227		7.10	0.098	0.37	7.25	12.3	1830	1.42	1.62	2.79	0.12	45.0	8.2	11	8.68	11.6
N814228		5.97	<0.005	0.07	6.94	5.3	1880	1.44	0.18	2.94	0.10	41.9	7.9	11	9.40	9.7
N814229		5.74	<0.005	0.15	7.31	14.9	1750	1.40	0.58	2.32	0.10	41.2	7.8	11	13.55	7.2
N814230		6.92	<0.005	0.20	7.23	23.0	2200	1.47	0.72	2.73	0.08	47.0	8.2	14	9.05	7.3
N814231		0.27	0.760	9.12	6.66	1835	1770	1.46	6.69	1.87	42.3	41.4	16.0	20	15.65	105.5
N814232		4.08	<0.005	0.11	7.80	7.9	2120	1.68	0.10	2.72	0.19	51.3	7.8	13	6.31	6.0
N814233		2.03	<0.005	0.29	7.48	10.5	1530	1.74	0.11	2.80	0.10	43.6	9.5	11	17.20	21.8
N814234		6.42	<0.005	0.05	7.48	6.8	2060	1.64	0.12	2.82	0.06	44.9	7.6	13	7.14	5.5
N814235		6.50	<0.005	0.07	7.36	4.3	2000	1.52	0.13	2.80	0.07	46.3	7.7	13	7.29	375
N814236		2.21	<0.005	0.13	7.53	25.7	2080	1.38	0.49	2.39	0.08	43.3	10.0	11	11.75	6.9
N814237		4.30	<0.005	0.01	0.39	<5	70	0.21	0.05	19.80	0.05	2.09	1.9	8	0.76	3.6
N814238		8.22	<0.005	0.05	7.24	9.4	2440	1.58	0.26	2.75	0.11	47.4	7.7	12	7.77	5.5
N814239		2.17	<0.005	0.08	6.94	11.4	1780	1.47	0.34	2.30	0.12	38.3	7.0	9	8.44	7.8
N814240		7.93	<0.005	0.10	6.96	12.7	1690	1.42	0.59	2.74	0.11	45.7	8.2	11	10.15	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814205		3.25	16.65	0.13	1.3	0.038	3.35	23.0	18.0	0.31	2110	3.47	0.54	7.5	3.7	630
N814206		3.44	16.70	0.16	1.3	0.033	2.57	28.0	12.0	1.03	893	0.77	2.24	8.1	3.9	760
N814207		3.07	16.70	0.16	1.3	0.034	2.89	28.2	13.3	0.68	1060	1.57	1.64	8.1	3.7	670
N814208		2.95	15.90	0.15	1.3	0.028	2.90	27.6	12.9	0.67	1020	1.74	1.77	7.8	2.5	650
N814209		2.85	16.55	0.16	1.3	0.031	2.76	25.5	11.1	0.72	683	0.91	2.01	7.9	2.3	640
N814210		2.96	16.05	0.16	1.3	0.021	2.85	26.4	10.5	0.72	678	0.93	2.05	8.6	2.1	660
N814211		3.48	16.95	0.16	1.5	0.056	3.46	25.6	15.3	0.33	2570	5.86	0.48	7.8	2.7	640
N814212		3.70	17.35	0.17	1.4	0.066	2.96	29.5	14.4	0.79	1140	4.35	1.88	8.5	2.5	670
N814213		3.11	16.85	0.14	1.4	0.029	2.69	27.0	19.6	0.96	769	1.17	2.11	10.0	2.7	670
N814214		5.19	15.65	0.20	1.3	0.909	2.74	22.3	23.3	0.68	1860	12.20	0.26	7.8	15.6	450
N814215		3.07	17.00	0.16	1.5	0.025	2.70	27.4	15.2	0.91	763	0.99	2.23	8.1	2.6	670
N814216		2.92	16.60	0.18	1.5	0.024	2.69	22.9	22.2	0.59	767	2.41	1.57	8.4	2.2	670
N814217		3.20	16.50	0.16	1.5	0.026	2.68	27.8	16.0	0.84	749	1.72	2.20	8.1	3.9	660
N814218		3.15	16.85	0.18	1.5	0.036	2.65	26.7	15.5	0.92	714	1.44	2.35	7.9	2.8	680
N814219		3.28	17.15	0.15	1.4	0.031	2.67	27.5	15.8	0.93	788	4.07	2.28	8.1	2.6	690
N814220		3.06	16.50	0.14	1.3	0.072	2.27	24.7	18.7	0.75	839	31.7	1.83	8.3	2.4	690
N814221		0.46	0.39	0.17	<0.1	<0.005	0.07	0.7	2.3	12.80	204	0.67	0.01	0.3	1.5	200
N814222		3.06	16.00	0.16	1.5	0.031	2.61	21.7	18.3	0.90	723	8.86	1.96	7.9	2.4	650
N814223		3.11	17.20	0.07	1.2	0.041	2.60	20.5	16.8	0.86	770	30.8	2.19	8.3	3.0	630
N814224		3.03	16.45	0.07	1.2	0.045	2.56	21.2	16.5	0.85	757	15.05	2.20	7.7	2.8	620
N814225		2.98	16.40	0.07	1.4	0.043	2.35	18.1	19.0	0.84	700	3.07	2.09	7.4	3.1	620
N814226		3.05	16.90	0.07	1.2	0.047	2.49	19.6	19.1	0.85	737	2.83	2.00	7.7	2.8	610
N814227		3.21	16.95	0.07	1.2	0.056	2.46	20.4	16.1	0.84	739	6.30	1.93	8.0	2.8	620
N814228		3.02	17.10	0.09	1.3	0.042	2.50	19.7	16.1	0.77	707	1.13	1.93	8.1	2.9	580
N814229		3.19	17.00	0.07	1.4	0.047	2.50	18.8	23.4	0.66	676	1.10	1.16	7.8	2.6	630
N814230		3.28	17.10	0.08	1.4	0.057	2.58	21.7	15.7	0.80	777	1.28	1.89	8.3	3.0	670
N814231		5.24	15.50	0.08	1.3	0.818	2.78	20.9	25.3	0.68	1980	11.85	0.26	7.2	15.2	490
N814232		3.09	17.40	0.09	1.4	0.044	2.72	25.6	17.3	0.85	686	1.12	2.31	8.0	2.9	600
N814233		2.85	18.35	0.10	1.5	0.033	2.60	19.9	21.3	0.69	814	1.59	1.55	8.6	3.7	620
N814234		3.10	17.30	0.07	1.5	0.046	2.52	21.0	15.5	0.81	705	1.55	2.15	8.3	2.9	610
N814235		3.09	17.20	0.07	1.5	0.041	2.51	21.9	16.3	0.83	734	1.28	2.22	8.5	3.2	650
N814236		3.23	17.10	0.07	1.4	0.046	2.71	20.5	24.0	0.72	741	0.70	1.10	8.0	2.9	610
N814237		0.46	0.84	0.05	<0.1	0.013	0.15	1.0	4.0	11.80	210	0.81	0.02	0.2	5.9	240
N814238		2.96	17.25	0.08	1.5	0.046	2.32	20.7	14.0	0.81	740	0.55	2.25	8.0	2.8	580
N814239		2.85	16.65	0.06	1.3	0.048	2.13	17.1	25.0	0.55	838	0.44	1.01	7.9	2.5	560
N814240		3.01	16.05	0.08	1.3	0.058	1.58	21.0	16.1	0.88	995	0.65	2.28	7.8	2.9	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814205		30.6	165.0	<0.002	0.01	12.00	10.5	1	2.6	89.7	0.62	<0.05	12.5	0.263	2.14	3.3
N814206		17.4	97.5	0.004	<0.01	0.87	13.1	1	1.9	386	0.65	<0.05	13.5	0.301	0.96	1.7
N814207		17.4	126.0	<0.002	0.03	7.85	11.5	2	2.0	280	0.64	0.06	13.6	0.270	1.41	2.2
N814208		18.7	120.5	0.002	0.01	2.87	10.9	<1	1.7	295	0.63	<0.05	13.5	0.272	1.32	2.1
N814209		15.9	108.5	<0.002	0.01	1.51	11.1	1	1.6	351	0.63	<0.05	13.4	0.267	1.15	1.6
N814210		15.7	111.0	0.002	0.03	1.75	10.8	1	1.6	357	0.64	<0.05	14.4	0.264	1.15	1.8
N814211		60.6	171.5	0.002	0.06	14.70	11.1	1	1.6	118.5	0.65	0.05	13.6	0.266	2.31	4.4
N814212		37.2	121.0	<0.002	0.09	4.38	11.5	1	1.6	339	0.66	<0.05	14.6	0.275	1.28	2.4
N814213		16.9	95.5	<0.002	<0.01	1.06	11.3	1	1.5	374	0.69	<0.05	15.0	0.272	0.97	1.9
N814214		1230	153.5	<0.002	2.87	34.2	9.3	2	6.2	147.0	0.58	0.30	11.7	0.186	2.43	4.9
N814215		17.7	101.0	<0.002	0.01	1.14	11.2	<1	1.6	387	0.67	0.06	13.9	0.272	0.97	2.3
N814216		20.0	99.4	0.002	0.05	2.97	10.8	2	1.5	295	0.68	<0.05	13.0	0.284	1.26	2.3
N814217		20.0	109.0	<0.002	0.02	0.96	11.2	1	1.5	386	0.66	<0.05	15.1	0.276	1.02	2.5
N814218		17.8	97.4	<0.002	<0.01	0.51	11.4	1	1.6	411	0.68	<0.05	13.7	0.272	0.89	2.9
N814219		19.2	102.5	<0.002	<0.01	0.87	11.8	1	1.7	413	0.63	0.05	14.0	0.283	0.89	1.4
N814220		38.1	93.4	0.002	0.04	5.90	11.8	2	3.0	330	0.65	<0.05	12.3	0.288	1.01	2.4
N814221		1.5	4.0	<0.002	<0.01	0.18	0.4	<1	0.2	42.1	<0.05	<0.05	0.2	0.006	0.04	0.5
N814222		16.3	93.8	0.002	0.01	1.54	11.0	1	1.6	369	0.62	<0.05	12.4	0.267	0.92	1.9
N814223		17.1	88.7	0.004	0.01	1.36	10.6	1	1.7	402	0.67	<0.05	10.9	0.269	0.99	2.3
N814224		16.8	90.0	0.002	0.01	1.33	10.4	1	1.7	402	0.65	<0.05	11.2	0.259	0.95	2.3
N814225		16.8	79.7	0.003	0.01	1.91	10.4	1	1.9	403	0.63	<0.05	10.3	0.246	0.92	2.5
N814226		18.6	83.9	<0.002	0.09	1.69	10.1	1	1.8	372	0.66	<0.05	11.6	0.255	0.99	3.2
N814227		25.6	87.7	0.003	0.21	2.19	10.5	1	2.4	337	0.66	<0.05	10.4	0.258	1.10	3.6
N814228		17.4	83.5	0.002	0.04	1.94	9.9	1	2.3	360	0.68	<0.05	10.7	0.254	1.01	3.3
N814229		19.1	85.7	0.002	0.17	5.06	9.9	1	2.0	252	0.64	<0.05	10.1	0.262	1.12	3.7
N814230		21.3	95.4	0.002	0.24	1.90	10.4	1	2.0	342	0.67	<0.05	11.4	0.263	1.17	4.5
N814231		1335	141.0	0.003	3.10	34.1	8.5	1	6.1	151.5	0.62	0.24	11.0	0.200	2.59	5.1
N814232		21.8	97.5	0.002	0.02	0.95	10.5	1	1.7	401	0.69	<0.05	13.0	0.258	1.05	5.2
N814233		18.8	98.4	<0.002	0.07	4.51	10.2	1	4.0	276	0.77	<0.05	11.2	0.265	1.24	5.1
N814234		17.7	87.7	<0.002	0.02	2.46	10.7	1	1.8	374	0.69	<0.05	12.4	0.254	1.06	4.9
N814235		17.6	90.1	0.002	0.02	1.69	10.2	1	1.9	389	0.76	<0.05	11.9	0.260	1.02	5.2
N814236		17.9	100.0	0.002	0.34	8.69	9.8	1	2.1	237	0.71	<0.05	11.9	0.260	1.30	4.7
N814237		1.8	5.8	0.002	0.02	0.27	0.6	1	0.3	42.1	<0.05	<0.05	0.2	0.012	0.05	0.9
N814238		20.2	74.9	0.002	0.05	2.47	10.3	1	1.8	419	0.65	<0.05	10.6	0.249	0.97	4.0
N814239		19.4	69.2	0.003	0.08	6.40	9.7	1	2.2	203	0.71	<0.05	9.6	0.244	0.95	3.8
N814240		17.6	66.5	<0.002	0.13	4.20	10.1	1	1.9	336	0.64	<0.05	10.3	0.236	1.00	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187927

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814205		81	2.6	13.9	165	30.7
N814206		92	2.3	19.5	73	32.8
N814207		77	1.8	15.5	91	32.8
N814208		77	1.8	15.5	107	31.8
N814209		74	1.4	15.7	69	32.0
N814210		73	1.6	15.5	61	32.6
N814211		79	2.7	15.1	196	32.5
N814212		79	2.1	18.5	136	35.5
N814213		76	2.3	16.7	61	36.0
N814214		57	5.3	11.0	2770	39.7
N814215		76	2.0	17.2	58	37.8
N814216		80	2.7	14.7	68	35.5
N814217		77	1.7	17.4	57	36.1
N814218		78	2.7	17.1	55	35.5
N814219		80	20.0	17.5	65	34.1
N814220		83	26.5	15.5	114	31.6
N814221		4	0.2	0.9	15	0.5
N814222		76	3.9	16.3	51	34.1
N814223		77	13.1	14.1	53	33.1
N814224		74	7.0	14.0	52	32.7
N814225		75	2.6	13.0	50	35.4
N814226		75	1.8	14.5	51	35.1
N814227		77	4.5	14.6	54	32.0
N814228		74	2.3	14.5	50	38.7
N814229		76	3.4	12.9	53	34.6
N814230		79	2.4	14.5	53	35.0
N814231		57	5.5	10.1	3000	35.3
N814232		76	1.8	15.5	56	37.1
N814233		78	3.0	13.9	52	38.2
N814234		73	1.9	15.0	48	37.8
N814235		76	2.4	15.5	208	38.4
N814236		76	3.9	13.8	52	35.5
N814237		6	0.2	1.2	13	0.7
N814238		72	1.4	14.7	60	38.7
N814239		73	4.1	13.6	58	38.0
N814240		67	2.1	13.6	63	35.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187927

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187928

Project: Klaza - 102

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187928

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814241		7.36	<0.005	0.05	8.02	4.9	2270	1.63	0.15	2.99	0.08	52.4	8.2	15	6.51	8.9
N814242		3.81	<0.005	0.07	7.82	5.8	2210	1.69	0.17	2.84	0.09	43.8	7.0	13	13.65	6.7
N814243		2.54	<0.005	0.22	7.41	34.4	1590	1.62	0.60	2.82	0.15	45.0	10.0	11	20.3	15.3
N814244		3.01	0.006	0.25	7.37	28.1	1760	1.74	0.97	3.04	0.12	45.2	10.9	10	15.10	13.0
N814245		3.52	<0.005	0.08	7.69	12.3	1920	1.50	0.36	3.08	0.09	44.2	9.1	10	19.80	16.8
N814246		7.14	<0.005	0.05	7.67	4.5	2180	1.61	0.10	2.93	0.07	47.3	7.5	14	12.55	9.0
N814247		3.01	0.005	0.20	7.89	46.8	1530	1.79	0.75	3.20	0.15	52.0	17.2	9	25.0	21.1
N814248		2.86	<0.005	0.02	0.07	<5	20	<0.05	0.02	21.9	0.06	1.22	0.6	2	0.21	1.5
N814249		3.00	<0.005	0.04	7.69	4.9	2150	1.50	0.15	2.84	0.07	46.0	7.7	11	17.20	21.8
N814250		2.74	<0.005	0.14	8.09	4.7	2250	1.63	0.32	2.85	0.08	49.8	8.2	18	14.20	11.0
N814251		0.98	<0.005	0.09	8.16	8.2	2240	1.72	0.26	2.75	0.07	48.0	7.8	12	13.00	10.9
N814252		6.73	<0.005	0.03	7.86	5.5	2250	1.48	0.10	2.86	0.07	47.3	7.5	13	9.94	7.0
N814253		0.26	2.38	26.3	6.25	3620	1830	1.30	19.80	2.33	85.9	49.6	11.0	18	16.10	443
N814254		8.71	<0.005	0.13	7.76	9.7	2200	1.61	0.14	2.99	0.22	50.3	8.2	13	10.30	6.4
N814255		3.83	0.009	0.76	7.46	58.5	1760	1.52	0.49	3.05	5.05	48.7	11.6	11	15.85	7.4
N814256		2.40	0.008	0.77	7.09	27.9	3300	1.59	0.21	2.77	9.22	47.5	9.5	11	17.25	5.6
N814257		8.75	<0.005	0.11	7.71	6.5	2140	1.68	0.22	2.81	0.19	44.5	6.8	12	18.15	6.0
N814258		3.96	<0.005	0.19	7.57	21.7	1720	1.74	0.60	2.98	0.18	50.3	10.1	10	19.70	2.5
N814259		4.32	<0.005	0.14	7.80	7.5	2360	1.88	0.69	3.29	0.10	40.7	7.5	10	18.30	1.3
N814260		7.85	<0.005	0.04	7.94	4.6	2210	1.73	0.08	2.96	0.08	44.3	7.8	15	11.95	2.7
N814261		4.30	<0.005	0.10	8.15	4.2	2040	1.63	0.07	2.70	0.10	46.6	8.3	12	14.10	5.3
N814262		3.38	0.018	0.55	7.49	49.3	1060	1.61	1.94	2.26	0.17	47.8	22.5	10	17.35	17.6
N814263		3.46	<0.005	0.02	0.07	6	20	0.07	0.03	21.6	0.07	1.21	0.7	1	0.30	2.1
N814264		6.72	<0.005	0.05	7.66	5.2	2210	1.64	0.12	2.93	0.08	44.1	8.8	12	13.70	8.3
N814265		2.50	<0.005	0.06	7.58	16.0	1830	1.60	0.08	3.50	0.13	43.1	8.6	9	26.8	9.9
N814266		5.89	<0.005	0.04	7.76	3.6	2190	1.56	0.08	2.90	0.08	46.0	8.1	14	7.75	7.2
N814267		2.84	<0.005	0.05	7.33	5.1	2080	1.53	0.19	3.04	0.12	40.2	7.3	11	19.45	7.6
N814268		7.12	<0.005	0.24	7.75	7.2	1990	1.71	0.19	2.96	0.14	48.4	7.9	17	13.90	7.7
N814269		0.26	0.795	10.30	6.95	1930	1690	1.64	6.55	2.00	46.2	46.4	16.9	20	18.10	117.5
N814270		2.69	<0.005	0.18	7.78	11.0	2170	1.65	0.22	3.00	0.20	44.1	8.4	11	12.30	15.7
N814271		6.97	<0.005	0.21	7.77	1.8	2150	1.33	0.14	2.92	0.14	48.9	8.2	15	6.42	21.4
N814272		3.43	<0.005	0.07	7.49	6.5	2160	1.38	0.07	2.73	0.09	43.5	7.8	11	7.92	9.2
N814273		<0.02	<0.005	0.08	7.42	6.7	2160	1.34	0.07	2.71	0.10	45.0	7.8	13	7.84	7.4
N814274		6.02	<0.005	0.07	7.27	6.7	2000	1.45	0.10	2.79	0.08	44.9	7.4	10	9.83	4.7
N814275		6.56	<0.005	0.09	7.41	5.5	1880	1.43	0.24	2.85	0.06	47.1	6.4	12	10.10	4.0
N814276		3.01	<0.005	0.06	6.99	6.3	1540	1.32	0.48	3.19	0.15	41.6	5.0	10	11.60	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187928

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814241		3.38	18.00	0.07	1.4	0.048	2.59	25.4	15.7	1.00	728	1.05	2.52	8.8	3.0	700
N814242		3.27	16.85	0.08	1.4	0.055	2.74	22.6	23.4	0.91	686	1.95	2.26	8.6	3.0	650
N814243		3.37	16.75	0.08	1.2	0.053	2.73	22.2	37.0	0.86	590	2.52	1.05	8.0	2.9	590
N814244		3.13	16.90	0.08	1.2	0.046	2.92	23.8	20.4	0.87	657	0.97	0.90	7.8	3.0	620
N814245		3.23	17.00	0.08	1.2	0.046	2.74	21.4	31.1	0.75	670	1.13	0.95	8.0	3.1	640
N814246		3.09	17.75	0.08	1.1	0.045	2.74	22.3	21.3	0.84	636	1.17	2.29	8.5	3.1	630
N814247		3.17	16.45	0.09	1.2	0.059	2.81	28.5	64.2	1.16	956	2.16	0.18	7.7	3.0	600
N814248		0.48	0.20	0.09	<0.1	0.006	0.02	0.6	1.0	13.55	205	0.15	0.01	0.2	2.0	190
N814249		3.11	16.90	0.13	1.3	0.047	2.74	23.4	25.2	0.72	663	1.18	1.80	8.3	2.9	610
N814250		3.26	18.60	0.10	1.4	0.048	2.81	25.6	14.6	0.91	644	0.99	2.49	8.9	3.3	650
N814251		3.17	17.25	0.10	1.2	0.045	2.80	25.0	14.3	0.86	628	0.92	2.43	8.4	3.0	630
N814252		3.12	16.75	0.08	1.3	0.037	2.67	24.3	20.8	0.97	685	0.89	2.41	8.1	2.9	620
N814253		6.80	15.15	0.08	0.8	1.800	2.73	25.5	24.0	0.97	1930	13.70	0.05	6.1	16.0	460
N814254		3.20	17.60	0.07	1.2	0.052	2.67	25.1	23.3	0.95	689	1.14	2.34	8.7	3.1	660
N814255		3.59	15.95	0.08	1.1	0.076	2.85	23.9	34.6	0.98	1840	1.55	0.92	7.8	3.0	570
N814256		3.33	16.80	0.08	1.1	0.110	2.59	24.0	49.6	0.86	2120	1.17	1.34	8.0	2.9	580
N814257		3.38	18.20	0.09	1.3	0.054	2.63	21.6	18.2	0.83	636	0.76	2.19	9.3	3.2	640
N814258		3.09	16.80	0.09	1.2	0.091	2.40	25.7	42.0	0.75	992	0.40	0.85	8.4	2.9	600
N814259		3.30	17.25	0.08	1.3	0.074	2.02	19.2	22.3	0.85	844	0.36	2.37	8.7	2.8	630
N814260		3.30	17.75	0.08	1.3	0.045	2.60	20.3	17.2	0.94	704	0.57	2.46	9.1	3.4	660
N814261		3.36	18.15	0.09	1.2	0.040	2.62	22.3	21.4	0.82	666	0.63	1.72	9.0	3.1	670
N814262		3.26	16.10	0.09	1.1	0.154	2.82	27.4	34.8	0.87	1220	3.19	0.12	7.7	3.1	590
N814263		0.47	0.21	0.09	<0.1	0.006	0.03	0.6	1.1	13.45	216	0.10	0.01	0.2	1.6	170
N814264		3.25	17.20	0.09	1.2	0.046	2.67	20.1	15.2	0.85	654	0.90	2.21	8.5	3.2	650
N814265		3.20	16.60	0.08	1.2	0.043	2.52	22.1	30.1	1.03	944	0.68	0.52	8.2	2.9	630
N814266		3.22	17.20	0.08	1.2	0.039	2.69	22.0	15.1	0.93	690	1.36	2.41	8.6	3.0	630
N814267		3.01	17.55	0.10	1.2	0.037	2.57	18.5	20.7	0.65	689	2.83	1.46	8.8	2.9	640
N814268		3.13	16.95	0.09	1.2	0.046	2.62	24.1	22.9	0.93	720	2.16	1.89	8.6	3.8	630
N814269		5.42	16.25	0.09	1.2	0.960	2.96	24.0	26.8	0.74	2030	13.75	0.28	7.7	16.3	510
N814270		3.23	16.90	0.09	1.1	0.053	2.74	20.9	19.2	0.84	675	1.96	2.17	8.1	3.0	640
N814271		3.41	17.80	0.15	1.4	0.057	2.55	25.1	15.8	1.08	773	1.94	2.24	7.7	5.4	680
N814272		3.08	17.10	0.15	1.4	0.047	2.67	20.5	13.0	0.86	713	1.50	2.17	8.1	2.7	620
N814273		3.11	16.85	0.14	1.4	0.042	2.66	22.5	13.2	0.86	712	1.52	2.16	7.8	2.6	610
N814274		3.01	16.45	0.13	1.4	0.056	2.57	21.5	14.4	0.80	793	0.69	1.99	7.6	2.4	600
N814275		3.23	16.60	0.15	1.4	0.063	2.01	23.4	16.3	0.94	806	0.54	2.33	7.9	2.5	670
N814276		3.24	15.60	0.15	1.2	0.104	1.80	20.3	19.6	0.85	775	0.42	2.02	7.0	3.2	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187928

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814241		17.2	88.6	<0.002	0.02	1.67	12.2	1	1.7	453	0.72	<0.05	11.5	0.298	1.02	4.0
N814242		15.7	96.7	0.003	0.02	2.68	12.0	1	1.7	411	0.72	<0.05	11.1	0.286	1.12	3.3
N814243		17.9	112.5	0.002	0.44	5.86	11.2	1	1.9	214	0.67	<0.05	11.7	0.261	1.54	4.0
N814244		14.5	118.5	<0.002	0.49	6.60	11.0	1	3.4	199.0	0.57	<0.05	10.1	0.271	1.67	5.0
N814245		15.1	99.6	0.004	0.14	7.46	11.4	1	4.6	229	0.58	<0.05	10.2	0.284	1.16	3.9
N814246		15.0	97.3	0.002	0.01	2.02	11.3	1	1.7	419	0.63	<0.05	10.0	0.283	0.95	2.9
N814247		10.4	130.0	<0.002	0.57	13.45	11.3	1	4.2	132.5	0.63	<0.05	12.6	0.265	1.88	5.4
N814248		1.3	1.3	<0.002	0.01	0.11	0.2	<1	0.2	50.2	<0.05	<0.05	0.2	<0.005	0.02	0.6
N814249		15.3	100.0	<0.002	0.03	5.70	10.9	1	5.2	335	0.64	<0.05	11.7	0.280	1.08	3.0
N814250		16.0	103.0	<0.002	0.01	2.26	12.0	1	1.8	434	0.69	<0.05	12.4	0.287	1.05	3.4
N814251		15.5	108.5	<0.002	0.01	1.87	11.4	1	1.6	425	0.68	<0.05	13.1	0.284	1.00	4.8
N814252		15.3	90.3	0.002	0.01	1.41	10.9	1	1.7	442	0.69	<0.05	11.8	0.281	0.99	3.6
N814253		2890	163.0	0.002	5.08	99.6	8.4	1	8.5	100.5	0.47	0.36	10.1	0.185	2.50	5.2
N814254		19.6	92.2	<0.002	0.01	3.18	11.2	1	1.6	428	0.74	<0.05	11.9	0.288	1.00	3.1
N814255		182.5	120.0	<0.002	0.79	16.55	10.8	1	1.6	224	0.62	<0.05	11.7	0.265	1.81	5.6
N814256		193.5	98.4	<0.002	0.50	14.65	10.7	1	1.7	323	0.66	<0.05	10.8	0.257	1.45	4.2
N814257		21.3	93.5	<0.002	0.02	5.53	11.7	1	1.8	392	0.82	<0.05	11.6	0.283	1.20	4.0
N814258		16.4	107.5	<0.002	0.19	11.90	11.2	1	2.4	212	0.69	<0.05	12.2	0.271	1.75	4.7
N814259		19.2	79.3	<0.002	0.07	5.96	11.2	1	2.1	407	0.75	<0.05	11.0	0.286	1.00	3.4
N814260		17.0	85.9	<0.002	0.01	1.78	12.1	1	1.8	462	0.78	<0.05	11.3	0.291	1.00	3.4
N814261		17.3	96.4	0.002	0.01	5.96	12.4	1	1.9	358	0.71	<0.05	12.6	0.306	1.04	3.1
N814262		15.5	164.5	<0.002	0.78	14.75	11.1	1	2.7	103.0	0.66	<0.05	13.1	0.257	2.03	4.8
N814263		1.5	1.6	<0.002	0.01	0.12	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N814264		16.3	87.1	<0.002	0.03	2.21	11.1	<1	1.6	420	0.72	<0.05	10.0	0.287	1.03	2.8
N814265		13.4	77.9	<0.002	0.16	7.43	11.1	2	1.5	227	0.72	<0.05	10.9	0.280	1.28	4.5
N814266		15.2	91.5	<0.002	0.01	0.91	11.2	<1	1.6	427	0.72	<0.05	11.4	0.286	0.87	4.0
N814267		17.5	82.2	0.002	0.09	4.02	10.7	1	1.5	327	0.72	<0.05	9.7	0.288	1.00	3.8
N814268		19.1	90.0	<0.002	0.06	2.86	11.8	1	1.6	380	0.67	<0.05	12.2	0.288	1.02	3.8
N814269		1375	160.0	<0.002	3.24	36.1	9.2	1	6.1	161.5	0.63	0.45	11.3	0.216	2.47	5.1
N814270		22.1	94.9	<0.002	0.05	2.59	11.5	<1	1.5	414	0.61	<0.05	10.8	0.288	1.08	3.3
N814271		21.8	95.9	<0.002	0.01	1.45	13.0	1	1.6	434	0.62	<0.05	12.9	0.290	1.01	4.0
N814272		16.7	89.1	<0.002	0.02	1.26	11.1	1	1.5	410	0.68	<0.05	12.2	0.273	0.94	3.6
N814273		16.3	92.2	<0.002	0.02	1.23	11.2	1	1.5	406	0.69	<0.05	12.7	0.270	0.96	3.6
N814274		17.5	100.5	<0.002	0.05	1.89	10.7	1	1.5	394	0.65	<0.05	12.6	0.255	1.04	3.4
N814275		19.8	71.3	<0.002	0.01	3.28	11.6	1	1.7	436	0.69	<0.05	13.3	0.278	0.89	4.0
N814276		23.6	68.6	<0.002	0.02	5.41	10.0	1	1.8	407	0.59	<0.05	11.2	0.244	0.83	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187928

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814241		87	1.4	17.9	56	44.9
N814242		84	1.6	17.3	52	42.3
N814243		75	2.8	14.1	49	39.0
N814244		77	2.7	14.5	41	40.7
N814245		80	2.6	15.6	48	37.8
N814246		79	1.3	15.3	50	34.6
N814247		75	3.7	16.3	47	35.1
N814248		2	0.1	0.8	13	<0.5
N814249		77	1.7	16.1	51	38.4
N814250		83	1.3	16.8	53	41.8
N814251		77	1.1	16.4	50	36.0
N814252		78	1.2	15.9	53	38.3
N814253		59	5.3	10.2	5350	26.8
N814254		80	1.6	16.2	56	35.7
N814255		75	2.1	15.5	434	31.6
N814256		71	1.9	15.5	847	33.5
N814257		81	2.5	16.3	60	37.3
N814258		73	4.4	16.5	53	34.8
N814259		74	2.9	16.6	63	34.4
N814260		83	1.0	18.0	56	38.1
N814261		84	3.9	17.4	52	33.0
N814262		74	6.9	15.6	52	31.3
N814263		2	0.1	0.8	15	<0.5
N814264		83	1.7	15.9	54	33.7
N814265		80	4.5	17.0	61	34.5
N814266		80	0.7	16.8	54	37.1
N814267		81	3.2	14.6	55	39.2
N814268		81	1.7	16.9	55	37.7
N814269		60	5.5	11.8	3160	42.4
N814270		81	1.8	15.4	54	32.9
N814271		89	1.1	17.3	56	33.9
N814272		78	0.7	15.7	52	35.7
N814273		77	0.8	15.8	51	35.3
N814274		72	1.3	15.3	44	33.5
N814275		85	2.3	16.2	56	35.6
N814276		72	4.0	14.8	50	29.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187928

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12187929

Project: Klaza - 102

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

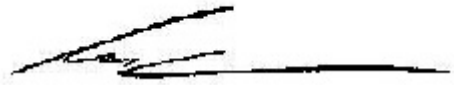
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187929

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814277		8.04	<0.005	0.05	7.70	4.9	2200	1.43	0.10	2.79	0.10	44.6	7.3	18	8.76	5.4
N814278		4.39	<0.005	0.06	7.51	4.4	2240	1.41	0.09	2.69	0.08	47.6	7.7	16	7.41	4.2
N814279		<0.02	<0.005	0.05	7.28	4.6	2210	1.45	0.08	2.68	0.08	41.6	7.4	15	6.94	4.9
N814280		5.73	<0.005	0.12	7.43	7.6	1850	1.41	0.19	2.80	0.10	46.5	8.3	19	10.35	6.6
N814281		0.26	0.777	10.25	6.72	1615	980	1.37	6.36	1.89	43.2	45.2	16.7	20	16.20	110.0
N814282		7.02	<0.005	0.05	7.39	9.3	2030	1.41	0.10	2.89	0.12	48.3	8.0	19	10.25	5.2
N814283		2.91	<0.005	0.06	7.34	8.2	1710	1.39	0.17	2.84	0.13	41.2	9.6	13	15.65	2.6
N814284		2.78	<0.005	0.14	6.64	14.5	830	1.41	1.79	3.37	0.25	37.5	10.6	12	27.7	1.0
N814285		5.27	0.045	1.10	6.68	103.0	870	1.34	1.41	4.84	8.63	46.1	19.4	9	17.95	7.6
N814286		2.53	<0.005	0.07	0.08	<5	20	0.06	0.04	21.0	0.07	1.21	0.6	1	0.20	2.2
N814287		7.66	<0.005	0.17	7.33	9.9	1140	1.57	0.57	2.10	0.24	42.4	5.4	11	23.7	5.7
N814288		5.90	<0.005	0.12	7.64	6.8	1870	1.33	0.27	2.65	0.11	44.3	9.0	13	11.95	11.5
N814289		4.42	<0.005	0.18	7.45	5.7	930	1.40	1.32	2.10	0.09	52.4	8.3	19	15.10	3.9
N814290		5.92	<0.005	0.18	7.73	4.7	1920	1.36	0.27	2.14	0.11	48.6	7.0	17	10.25	4.6
N814291		5.02	<0.005	0.14	7.50	5.3	2250	1.39	0.28	2.14	0.12	43.7	7.6	19	10.25	8.4
N814292		2.92	0.021	3.03	6.50	34.4	1430	1.39	8.07	6.65	0.70	50.1	10.1	9	23.5	9.4
N814293		3.63	<0.005	0.13	0.07	<5	20	0.05	0.05	21.2	0.07	1.12	0.6	<1	0.19	1.1
N814294		4.80	<0.005	0.22	7.69	6.3	2200	1.51	0.18	2.64	0.22	50.1	8.2	15	8.30	9.0
N814295		8.41	<0.005	0.08	7.47	2.9	2720	1.56	0.08	2.74	0.07	47.7	7.9	17	7.10	5.3
N814296		8.32	<0.005	0.13	7.50	7.3	2300	1.48	0.33	2.85	0.14	45.7	7.3	16	5.57	8.2
N814297		5.72	<0.005	0.08	7.61	6.0	1720	1.56	0.28	2.83	0.10	52.7	5.9	18	5.51	2.7
N814298		5.17	<0.005	0.06	7.28	5.2	1900	1.37	0.19	2.71	0.14	42.4	5.4	17	6.07	5.5
N814299		2.21	<0.005	0.10	7.64	7.5	1940	1.53	0.22	2.70	0.16	49.8	6.8	18	6.49	23.8
N814300		6.63	0.005	0.31	7.32	17.1	1760	1.42	0.40	2.95	2.23	41.8	10.6	15	9.62	13.4
N814301		6.92	<0.005	0.04	7.18	4.8	2080	1.46	0.18	2.66	0.10	44.9	6.7	13	7.09	3.2
N814302		7.17	<0.005	0.03	7.53	6.3	2070	1.49	0.21	2.77	0.07	52.0	6.8	16	9.72	2.6
N814303		0.26	0.790	10.75	6.76	1580	1020	1.60	6.39	1.89	44.2	45.3	17.0	21	16.90	111.5
N814304		6.07	<0.005	0.22	7.10	5.0	1880	1.42	0.07	2.82	0.13	43.1	7.3	18	10.10	6.1
N814305		2.83	<0.005	0.15	6.70	9.3	1670	1.45	0.09	2.86	0.19	37.0	6.4	17	23.7	4.7
N814306		2.70	0.012	0.83	6.21	50.4	1010	1.37	0.09	5.31	3.33	40.4	6.6	13	22.6	4.1
N814307		3.69	<0.005	0.07	7.48	4.7	1950	1.46	0.16	2.76	0.13	46.6	7.5	18	13.25	2.9
N814308		8.08	<0.005	0.02	7.05	3.9	1810	1.33	0.23	2.63	0.09	48.0	5.5	20	10.00	2.0
N814309		6.75	<0.005	0.06	7.19	10.4	1260	1.32	0.85	2.82	0.06	47.3	7.0	21	17.70	1.4
N814310		4.18	<0.005	0.11	7.09	27.0	1450	1.43	0.41	2.52	0.12	42.1	18.4	14	18.25	1.8
N814311		4.40	<0.005	0.09	7.04	16.8	880	1.21	0.54	1.49	0.05	50.6	20.0	13	13.90	1.2
N814312		6.98	<0.005	0.03	7.87	10.8	2500	1.23	1.16	2.37	0.08	54.2	8.9	15	18.55	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814277		3.30	17.50	0.13	1.4	0.045	2.59	21.4	15.9	0.94	695	1.18	2.31	8.1	2.8	670
N814278		3.15	18.10	0.15	1.4	0.049	2.59	22.6	15.7	0.90	655	1.05	2.20	8.5	3.2	620
N814279		3.05	16.95	0.14	1.4	0.045	2.57	21.3	14.7	0.86	644	1.09	2.16	8.2	3.0	620
N814280		3.01	17.35	0.13	1.4	0.051	2.63	22.5	12.6	0.78	686	1.34	2.02	8.2	2.6	600
N814281		5.30	15.90	0.15	1.4	0.979	2.85	22.1	23.2	0.69	1990	13.50	0.26	7.5	14.3	500
N814282		3.12	17.80	0.14	1.3	0.049	2.57	23.1	12.6	0.86	703	1.27	2.19	8.5	3.0	640
N814283		3.18	17.20	0.14	1.3	0.050	2.25	20.0	22.6	0.74	755	0.74	1.88	8.2	2.8	640
N814284		3.55	15.70	0.14	1.0	0.212	1.29	17.9	23.7	0.71	818	0.75	1.55	6.1	2.5	510
N814285		3.72	14.40	0.15	1.0	0.242	2.81	24.1	21.2	1.35	2670	0.81	0.05	6.3	2.8	490
N814286		0.44	0.20	0.11	<0.1	0.005	0.03	0.6	1.0	12.50	209	0.22	0.01	0.1	2.0	200
N814287		3.22	16.55	0.16	1.2	0.101	1.81	20.5	30.8	0.71	756	0.71	1.03	7.7	1.9	630
N814288		3.38	17.15	0.13	1.3	0.050	2.34	20.0	19.2	0.72	626	0.84	1.26	8.0	2.4	640
N814289		3.70	16.05	0.15	1.2	0.148	1.07	28.2	26.6	1.08	981	1.40	1.93	8.0	3.0	600
N814290		3.41	15.80	0.16	1.3	0.063	2.14	24.6	18.7	0.92	668	0.99	1.41	7.9	2.6	640
N814291		3.23	16.05	0.15	1.3	0.061	2.19	22.3	17.2	0.92	777	1.18	1.79	7.9	2.6	620
N814292		3.71	16.50	0.14	0.8	0.311	1.86	29.4	21.6	0.94	1880	1.05	0.99	5.6	2.4	420
N814293		0.48	0.14	0.10	<0.1	0.005	0.02	0.5	0.9	12.60	226	0.76	0.01	0.1	1.7	160
N814294		3.13	17.80	0.16	1.2	0.052	2.71	25.0	16.0	0.90	744	1.62	1.98	8.8	2.8	650
N814295		3.08	16.90	0.14	1.4	0.041	2.62	22.9	14.0	0.91	732	5.75	2.22	8.2	2.7	620
N814296		3.06	16.70	0.15	1.3	0.050	2.33	22.2	12.7	0.88	739	1.18	2.31	8.0	2.7	620
N814297		3.08	17.20	0.17	1.3	0.060	1.83	27.5	13.8	0.92	733	1.27	2.54	8.1	2.8	610
N814298		3.11	16.05	0.12	1.2	0.051	2.49	20.6	13.7	0.81	641	1.19	2.24	7.6	2.4	600
N814299		3.23	16.80	0.17	1.3	0.048	2.55	26.2	13.5	0.84	653	1.35	2.29	8.0	2.8	630
N814300		3.37	16.20	0.13	1.2	0.064	2.64	19.3	12.6	0.77	1410	1.17	1.64	7.7	2.5	610
N814301		2.86	16.20	0.14	1.2	0.035	2.15	22.1	12.6	0.74	697	0.96	2.16	7.5	2.4	560
N814302		2.97	17.20	0.17	1.3	0.044	1.85	25.1	15.4	0.83	692	1.03	2.41	8.0	2.5	590
N814303		5.31	16.45	0.17	1.5	0.985	2.85	23.4	24.3	0.69	2000	13.30	0.26	7.6	14.3	500
N814304		3.10	16.65	0.14	1.3	0.044	2.42	19.4	12.5	0.75	703	1.27	2.11	8.0	2.9	640
N814305		2.72	15.75	0.13	1.2	0.047	2.60	16.4	35.2	0.58	958	1.11	1.13	7.5	2.5	560
N814306		3.39	13.25	0.13	1.0	0.086	2.18	22.3	34.4	1.69	4030	1.14	0.05	6.0	2.4	470
N814307		3.08	16.30	0.13	1.5	0.042	2.53	22.6	15.8	0.80	760	1.15	1.85	8.3	3.0	610
N814308		3.02	15.00	0.13	1.3	0.089	2.36	24.2	12.2	0.82	709	4.90	1.77	7.6	2.8	560
N814309		4.30	17.40	0.14	1.2	0.317	1.93	25.6	23.7	1.01	1020	2.00	1.22	8.5	3.5	600
N814310		3.89	15.10	0.12	1.3	0.068	1.99	21.2	41.4	1.05	1040	1.00	0.47	7.9	3.0	560
N814311		3.64	15.40	0.14	1.3	0.124	1.94	25.7	27.8	0.84	829	1.50	1.46	8.4	2.9	570
N814312		4.68	19.80	0.15	1.4	0.327	2.50	27.6	29.7	0.99	879	2.54	0.78	8.7	3.4	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814277		17.2	86.6	<0.002	0.01	1.88	11.6	1	1.5	468	0.69	<0.05	12.2	0.281	1.01	3.3
N814278		17.1	95.8	<0.002	0.01	2.13	11.8	1	1.5	423	0.73	<0.05	12.6	0.274	0.91	4.1
N814279		17.1	85.6	<0.002	0.01	2.17	11.0	1	1.5	417	0.73	<0.05	12.6	0.263	0.96	3.9
N814280		18.3	100.0	<0.002	0.07	4.69	11.1	1	1.4	397	0.75	<0.05	13.1	0.262	1.18	3.6
N814281		1345	161.0	<0.002	3.11	34.7	9.0	1	6.0	152.0	0.61	0.27	11.8	0.207	2.51	5.1
N814282		19.4	89.0	<0.002	0.04	1.75	11.9	1	1.5	419	0.71	<0.05	12.6	0.271	1.06	3.5
N814283		19.6	76.5	<0.002	0.05	4.27	11.1	1	1.6	377	0.72	<0.05	11.5	0.275	1.01	3.3
N814284		25.2	55.7	<0.002	0.10	14.25	8.9	1	5.5	262	0.55	<0.05	9.4	0.213	0.91	3.6
N814285		276	153.5	<0.002	1.38	9.08	9.4	1	6.6	165.5	0.53	<0.05	11.6	0.219	2.37	3.4
N814286		1.8	1.3	<0.002	0.01	0.07	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.04	0.9
N814287		22.0	74.5	<0.002	0.06	8.47	10.8	1	3.5	224	0.65	<0.05	12.5	0.265	1.32	4.0
N814288		21.4	79.6	<0.002	0.04	4.37	10.9	1	3.8	299	0.71	<0.05	12.8	0.276	1.09	3.5
N814289		17.2	55.9	<0.002	0.01	7.17	11.0	1	5.8	352	0.70	<0.05	14.9	0.262	0.67	3.7
N814290		21.7	77.5	<0.002	0.03	3.71	11.7	1	1.9	364	0.69	<0.05	14.4	0.273	0.90	2.7
N814291		22.8	67.8	<0.002	0.01	2.55	10.9	1	2.9	432	0.69	<0.05	13.9	0.266	0.81	3.0
N814292		60.6	131.0	<0.002	0.67	12.05	9.1	2	10.0	287	0.45	<0.05	11.0	0.185	1.40	5.8
N814293		1.6	1.0	<0.002	0.01	0.07	0.2	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.03	0.8
N814294		29.9	98.7	<0.002	0.03	2.40	12.4	1	1.7	389	0.75	0.05	14.2	0.275	1.01	4.4
N814295		17.5	87.9	<0.002	0.02	0.91	11.0	1	1.4	432	0.74	<0.05	13.3	0.265	0.90	3.9
N814296		24.1	74.2	<0.002	0.02	1.63	10.5	1	1.5	457	0.77	<0.05	13.6	0.265	0.90	4.1
N814297		19.1	69.9	<0.002	<0.01	2.49	11.9	1	1.5	483	0.67	<0.05	15.1	0.260	0.76	4.6
N814298		21.2	78.0	<0.002	0.01	1.96	10.5	1	1.5	415	0.66	<0.05	12.4	0.259	0.99	3.9
N814299		21.5	95.7	<0.002	0.02	2.08	11.4	1	1.4	417	0.68	<0.05	14.5	0.262	1.05	4.2
N814300		67.9	100.5	<0.002	0.34	5.31	10.9	2	1.6	326	0.70	<0.05	12.6	0.265	1.40	3.6
N814301		19.0	66.6	<0.002	0.01	2.57	10.1	1	1.4	420	0.67	<0.05	14.0	0.246	0.79	3.3
N814302		18.8	64.3	<0.002	0.01	2.32	11.5	1	1.5	469	0.71	<0.05	15.9	0.257	0.78	4.4
N814303		1330	165.0	<0.002	3.11	36.0	9.2	1	6.1	153.0	0.64	0.31	11.9	0.208	2.56	5.4
N814304		18.7	74.3	<0.002	0.01	1.52	10.7	1	1.5	397	0.68	<0.05	12.2	0.266	0.92	3.6
N814305		19.2	79.8	<0.002	0.08	4.87	9.4	1	1.5	297	0.66	<0.05	10.7	0.247	1.34	3.6
N814306		181.0	98.6	<0.002	0.33	11.05	9.0	1	1.2	225	0.57	<0.05	11.9	0.205	1.62	5.7
N814307		22.7	88.6	<0.002	0.04	3.30	11.4	<1	1.3	352	0.67	<0.05	14.1	0.272	0.97	4.7
N814308		17.0	97.1	<0.002	0.03	2.44	10.6	1	1.6	328	0.61	<0.05	14.9	0.249	1.09	4.4
N814309		23.2	98.5	<0.002	0.07	7.55	11.7	1	4.0	322	0.64	<0.05	15.7	0.266	1.33	4.7
N814310		17.0	79.9	<0.002	0.28	6.35	10.8	1	1.6	232	0.66	<0.05	14.4	0.254	1.35	5.1
N814311		12.3	122.5	<0.002	0.15	8.82	11.1	1	2.3	166.0	0.61	<0.05	14.4	0.258	1.41	4.8
N814312		11.3	141.0	<0.002	0.06	11.15	12.4	1	4.5	181.5	0.69	<0.05	15.8	0.277	1.58	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814277		83	0.5	16.3	52	35.0
N814278		76	0.5	16.6	49	35.0
N814279		74	0.6	15.7	47	33.5
N814280		74	0.9	15.9	46	32.9
N814281		57	4.8	11.6	3010	39.4
N814282		78	0.5	17.0	55	32.8
N814283		78	1.2	14.4	54	32.5
N814284		76	3.9	14.0	64	21.7
N814285		62	3.0	15.0	552	23.6
N814286		2	<0.1	0.8	14	<0.5
N814287		71	3.1	14.1	74	28.3
N814288		77	3.9	14.3	60	30.1
N814289		66	3.5	14.5	83	28.9
N814290		77	4.6	14.5	65	30.7
N814291		74	3.1	13.9	73	29.1
N814292		68	3.0	22.7	79	19.3
N814293		1	<0.1	0.8	16	<0.5
N814294		81	1.6	17.6	62	28.8
N814295		76	1.5	15.9	56	32.1
N814296		74	1.0	16.0	63	29.9
N814297		71	1.2	17.7	53	34.5
N814298		73	1.0	14.5	52	29.1
N814299		74	1.0	16.4	53	30.4
N814300		76	1.8	14.9	183	27.4
N814301		69	1.2	14.9	55	30.6
N814302		71	1.6	16.7	49	32.7
N814303		56	5.0	11.8	3000	41.1
N814304		79	0.9	15.5	62	32.3
N814305		70	1.5	12.6	54	29.7
N814306		60	1.4	15.0	266	25.5
N814307		75	0.8	16.3	61	32.1
N814308		68	1.9	15.0	51	28.2
N814309		84	2.3	16.7	55	26.3
N814310		70	2.8	14.8	68	27.4
N814311		69	4.5	15.1	47	28.8
N814312		81	4.6	17.3	55	29.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12187929

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188050

Project: Klaza - 102

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

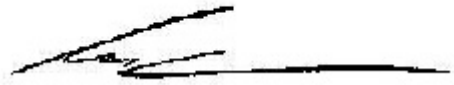
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188050

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814313		2.58	0.009	0.31	7.22	139.5	1420	1.46	1.56	1.97	0.72	47.4	55.8	9	20.3	8.0
N814314		4.96	<0.005	0.02	7.86	16.9	1750	1.50	5.47	4.23	0.12	39.7	4.0	9	27.0	1.3
N814315		5.42	<0.005	0.07	7.51	7.9	870	1.39	1.84	1.45	0.10	53.9	8.4	9	16.40	3.5
N814316		6.91	<0.005	0.04	7.29	3.5	2090	1.62	0.12	2.80	0.07	44.1	8.1	12	7.96	3.0
N814317		0.26	0.757	11.25	7.02	1895	1280	1.49	6.46	1.98	42.1	40.1	17.8	20	15.65	112.5
N814318		3.81	<0.005	0.09	7.38	8.4	2000	1.61	0.10	2.97	0.18	42.0	7.6	13	7.63	4.2
N814319		7.40	<0.005	0.05	7.72	6.2	2230	1.62	0.09	2.79	0.09	50.0	8.7	13	8.31	3.4
N814320		8.07	<0.005	0.07	7.93	5.6	1990	1.57	0.23	2.57	0.11	48.0	7.1	11	9.35	4.5
N814321		5.25	0.016	0.69	8.27	65.7	3240	1.89	2.16	2.76	0.92	47.1	5.2	8	28.6	131.5
N814322		3.84	<0.005	0.27	7.96	27.6	2300	1.47	2.33	2.54	0.09	43.7	16.7	8	18.85	3.6
N814323		2.44	<0.005	0.01	0.10	<5	30	0.09	0.07	20.7	0.07	1.34	0.8	1	0.42	1.9
N814324		4.95	<0.005	0.05	6.57	8.5	740	1.26	2.80	3.03	0.10	38.0	6.1	9	13.40	3.7
N814325		3.51	<0.005	0.03	7.30	3.0	2210	1.57	0.10	2.95	0.09	44.1	8.0	11	6.59	8.5
N814326		7.47	<0.005	0.02	7.44	4.4	2270	1.56	0.10	2.90	0.10	44.3	8.0	13	6.41	3.3
N814327		6.05	<0.005	0.03	7.78	4.6	2240	1.54	0.09	2.95	0.07	44.5	7.8	13	6.11	3.7
N814328		2.42	<0.005	0.03	7.37	5.4	2070	1.49	0.22	3.04	0.06	47.1	8.7	11	6.34	3.3
N814329		1.76	<0.005	0.04	7.39	4.6	2160	1.61	0.18	2.92	0.07	45.8	8.3	11	6.33	3.3
N814330		2.54	0.010	0.04	7.39	5.1	1810	1.47	0.34	2.91	0.06	46.4	7.9	10	8.24	2.6
N814331		5.82	<0.005	0.03	6.92	6.5	1950	1.44	0.17	2.70	0.08	38.5	7.7	12	9.49	8.7
N814332		0.26	2.32	24.7	6.13	3610	1770	1.26	21.0	2.23	78.7	43.7	10.4	19	14.05	460
N814333		7.19	<0.005	0.13	7.43	13.4	2080	1.47	0.14	2.75	0.26	42.6	7.4	13	8.92	3.8
N814334		4.62	0.061	1.00	7.37	345	1260	1.56	0.39	2.94	3.20	45.4	10.2	10	24.1	7.5
N814335		2.66	<0.005	0.03	0.07	<5	20	0.08	0.04	20.8	0.08	1.08	0.6	<1	0.24	5.4
N814336		4.37	<0.005	0.04	7.45	4.0	2100	1.54	0.11	2.86	0.11	46.4	7.6	12	10.00	3.6
N814337		7.58	<0.005	0.07	7.22	6.0	2080	1.50	0.16	3.00	0.10	40.2	8.2	11	7.36	5.8
N814338		5.83	<0.005	0.05	7.09	4.5	1940	1.45	0.16	3.05	0.07	40.6	7.5	12	9.63	3.3
N814339		7.48	<0.005	0.11	7.28	8.2	1350	1.33	0.59	2.97	0.06	39.5	9.2	11	10.20	2.1
N814340		6.24	<0.005	0.05	7.51	5.1	1910	1.48	0.28	3.04	0.10	40.2	7.5	11	11.15	2.7
N814341		3.27	0.013	0.99	7.31	44.8	2360	1.49	1.35	3.52	1.58	48.9	16.2	8	21.3	4.8
N814342		8.12	<0.005	0.04	7.23	4.3	2010	1.57	0.17	2.95	0.07	39.6	7.9	12	10.55	2.2
N814343		<0.02	<0.005	0.04	7.51	4.0	2030	1.49	0.16	3.00	0.10	41.1	7.5	13	10.25	3.0
N814344		7.45	<0.005	0.06	7.50	3.9	2280	1.50	0.19	3.02	0.08	37.7	8.2	13	7.45	4.2
N814345		8.52	<0.005	0.05	6.98	5.9	1510	1.33	0.61	2.86	0.08	38.9	7.4	13	7.83	2.0
N814346		6.56	<0.005	0.04	7.34	5.6	2380	1.79	0.09	2.75	0.07	42.7	7.9	12	7.16	3.5
N814347		8.22	<0.005	0.04	7.48	4.1	2040	1.66	0.12	2.99	0.08	41.0	7.4	12	8.83	3.9
N814348		4.27	<0.005	0.07	7.02	7.1	1870	1.67	0.20	2.78	0.09	40.2	8.7	11	10.85	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814313		4.55	18.70	0.08	1.1	0.261	2.85	22.6	28.1	0.63	2450	1.12	0.10	8.3	4.4	610
N814314		5.20	27.8	0.07	1.1	0.536	2.02	17.0	43.1	0.66	1110	0.56	0.52	8.6	2.0	650
N814315		3.34	17.50	0.08	1.2	0.110	1.14	28.3	36.1	0.94	724	0.38	1.26	8.4	2.7	630
N814316		3.02	17.85	0.08	1.1	0.037	2.40	19.8	19.1	0.79	667	0.52	2.27	8.4	3.0	610
N814317		5.41	15.85	0.12	1.5	0.881	2.87	19.0	26.2	0.72	2090	12.10	0.27	7.0	15.7	520
N814318		3.08	17.15	0.10	1.1	0.041	2.51	20.0	17.2	0.82	679	0.64	2.24	7.8	2.9	610
N814319		3.29	17.90	0.07	1.2	0.041	2.45	24.1	18.1	0.93	699	0.55	2.31	8.5	3.2	640
N814320		3.14	17.50	0.09	1.1	0.035	2.48	23.8	19.5	0.77	691	0.48	1.94	8.2	2.8	630
N814321		5.85	26.6	0.11	1.0	0.407	3.67	21.1	51.2	0.94	2040	0.37	0.09	9.5	2.6	710
N814322		4.88	20.9	0.09	1.0	0.197	2.58	20.9	29.8	0.86	1090	0.42	1.22	7.9	2.8	640
N814323		0.50	0.34	0.08	<0.1	0.006	0.04	0.6	1.4	12.20	221	0.11	0.01	0.2	1.9	190
N814324		3.08	15.50	0.08	0.9	0.132	1.02	18.2	37.3	0.64	652	0.40	0.96	6.7	2.4	540
N814325		3.20	17.90	0.08	1.2	0.037	2.18	20.7	16.5	0.81	660	0.44	2.06	8.5	3.3	630
N814326		3.27	17.25	0.07	1.2	0.037	2.42	21.1	14.8	0.96	709	0.43	2.24	7.9	3.0	640
N814327		3.34	17.20	0.09	1.1	0.039	2.44	21.1	14.4	0.97	715	0.49	2.31	8.1	3.0	660
N814328		3.26	17.95	0.10	1.2	0.042	2.36	21.1	14.1	0.90	733	0.49	2.11	8.1	3.0	630
N814329		3.22	17.95	0.08	1.1	0.038	2.29	22.1	14.0	0.91	708	0.50	2.10	8.1	3.1	630
N814330		3.03	16.95	0.07	1.1	0.042	2.18	20.8	13.8	0.79	678	0.44	2.12	8.2	2.9	620
N814331		2.93	15.95	0.12	1.1	0.044	2.34	17.9	12.8	0.75	608	0.67	2.13	7.7	4.8	590
N814332		6.64	14.10	0.12	0.9	1.620	2.65	23.1	23.0	0.91	1920	13.35	0.04	5.8	15.8	450
N814333		3.21	15.50	0.13	1.2	0.040	2.39	19.4	12.2	0.81	685	4.76	2.18	7.5	3.1	610
N814334		3.67	15.60	0.12	1.1	0.062	2.79	23.9	56.5	0.86	1640	0.67	0.38	7.2	4.0	590
N814335		0.47	0.19	0.11	<0.1	<0.005	0.03	0.6	1.0	12.40	211	0.35	0.01	0.2	1.4	180
N814336		3.21	15.65	0.16	1.1	0.033	2.33	21.0	14.5	0.88	719	0.56	2.21	7.8	2.9	620
N814337		3.18	16.90	0.12	1.2	0.043	2.58	17.6	12.1	0.86	793	20.9	2.12	8.1	3.0	620
N814338		3.04	15.55	0.13	1.2	0.030	2.01	18.3	12.8	0.72	719	0.61	2.14	7.7	3.0	600
N814339		3.43	14.80	0.13	1.1	0.072	1.58	18.3	16.1	0.93	975	0.37	2.10	7.2	2.8	610
N814340		3.29	16.75	0.13	1.1	0.042	1.91	18.9	48.6	0.85	793	0.53	2.11	7.9	3.0	640
N814341		3.27	14.65	0.13	1.1	0.055	2.42	25.5	122.0	1.19	1440	0.57	0.08	6.7	2.8	570
N814342		3.11	16.30	0.12	1.1	0.041	1.81	18.1	14.4	0.80	675	0.46	2.38	7.6	3.0	600
N814343		3.15	15.75	0.14	1.1	0.039	1.73	18.7	14.2	0.82	682	0.55	2.39	7.3	4.2	600
N814344		3.20	15.20	0.13	1.1	0.036	1.83	17.7	16.0	0.92	787	0.47	2.32	7.2	3.7	650
N814345		3.24	15.25	0.12	1.0	0.097	1.07	18.0	17.7	0.89	835	0.47	2.57	7.6	3.0	600
N814346		3.05	16.50	0.13	1.2	0.034	2.22	19.4	13.3	0.89	718	0.53	2.33	8.1	3.1	620
N814347		3.21	16.15	0.12	1.5	0.031	2.31	17.8	16.1	0.87	738	0.77	2.41	8.4	2.9	630
N814348		3.23	16.25	0.13	1.4	0.051	2.25	17.6	19.7	0.80	868	0.62	1.94	8.1	2.9	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814313		92.9	165.5	0.004	1.40	14.30	11.2	1	3.9	116.5	0.69	<0.05	12.3	0.254	2.84	4.0
N814314		23.7	66.9	0.002	0.08	29.5	8.3	<1	6.8	403	0.70	<0.05	9.8	0.285	1.58	4.5
N814315		20.1	54.2	0.004	0.03	17.20	12.0	2	2.6	260	0.68	<0.05	13.6	0.283	0.87	3.8
N814316		17.1	73.4	0.004	0.01	1.54	10.4	1	1.6	440	0.69	<0.05	10.8	0.262	0.95	4.0
N814317		1390	155.5	<0.002	3.25	31.9	8.6	1	6.1	159.0	0.64	0.29	9.8	0.206	2.67	4.5
N814318		20.0	80.2	0.002	0.01	1.33	10.1	1	1.6	447	0.67	<0.05	11.1	0.265	0.98	3.7
N814319		17.6	87.8	0.003	0.01	1.46	11.9	1	1.7	459	0.66	0.05	12.3	0.271	1.02	4.0
N814320		20.0	90.5	0.002	0.02	4.36	11.0	1	1.6	383	0.69	<0.05	13.0	0.264	1.07	4.3
N814321		43.4	118.0	0.003	0.55	32.5	11.9	1	4.6	185.0	0.73	<0.05	11.6	0.304	2.91	4.8
N814322		15.6	106.0	0.003	0.77	9.88	10.6	1	3.5	166.5	0.66	<0.05	10.8	0.251	1.99	3.4
N814323		1.9	2.5	<0.002	0.02	0.26	0.5	1	0.2	43.4	<0.05	<0.05	0.2	<0.005	0.03	0.5
N814324		15.9	34.9	<0.002	0.05	13.25	8.7	1	2.7	232	0.56	<0.05	9.6	0.233	0.68	3.6
N814325		17.1	70.2	0.002	<0.01	2.54	11.1	1	3.3	428	0.64	<0.05	10.6	0.263	0.88	3.6
N814326		17.3	72.8	0.003	0.01	1.07	11.0	1	1.7	456	0.65	<0.05	11.9	0.280	0.95	4.4
N814327		15.9	77.3	<0.002	0.01	1.25	11.1	1	1.9	453	0.68	<0.05	11.1	0.272	0.98	3.9
N814328		15.0	82.6	0.004	0.06	1.46	10.9	1	1.9	407	0.63	<0.05	10.8	0.269	1.06	3.7
N814329		15.7	85.4	0.003	0.04	1.23	11.3	1	1.8	419	0.64	<0.05	11.5	0.257	1.03	4.1
N814330		14.7	79.1	0.002	0.09	1.71	10.9	1	1.9	385	0.67	<0.05	10.8	0.264	1.10	3.5
N814331		18.7	69.7	0.002	0.04	1.31	9.8	1	1.8	406	0.69	<0.05	10.7	0.256	0.99	3.7
N814332		2810	151.0	0.002	4.90	91.5	7.9	1	8.2	94.8	0.48	0.37	11.1	0.184	2.57	5.4
N814333		25.0	72.8	<0.002	0.03	1.73	10.2	1	1.6	427	0.67	<0.05	10.9	0.270	1.08	3.8
N814334		195.0	120.5	<0.002	1.06	13.70	10.8	<1	2.0	198.5	0.65	<0.05	13.0	0.256	2.84	5.4
N814335		3.1	1.5	<0.002	0.02	0.21	0.2	1	0.2	43.8	<0.05	<0.05	<0.2	<0.005	0.03	0.9
N814336		17.4	71.5	<0.002	0.01	1.64	10.7	1	1.5	433	0.69	<0.05	11.8	0.271	0.92	4.1
N814337		18.6	81.7	0.011	0.05	1.50	10.1	1	1.5	411	0.73	<0.05	10.4	0.268	1.20	4.0
N814338		16.7	60.8	<0.002	0.02	2.33	9.8	1	1.5	430	0.68	<0.05	11.0	0.266	0.87	3.7
N814339		23.7	55.7	<0.002	0.09	2.75	10.0	1	1.6	402	0.62	<0.05	10.5	0.255	1.09	3.4
N814340		20.3	64.0	<0.002	0.01	4.32	10.7	1	1.6	456	0.63	<0.05	10.4	0.264	0.93	3.4
N814341		109.0	101.0	<0.002	0.67	12.35	9.9	<1	1.7	235	0.55	0.08	12.2	0.236	2.46	4.8
N814342		16.3	57.7	<0.002	0.01	1.89	10.0	1	1.6	453	0.66	<0.05	10.4	0.264	0.79	3.5
N814343		18.2	57.5	0.002	0.01	1.71	10.0	1	1.5	458	0.64	<0.05	10.8	0.251	0.77	3.5
N814344		21.3	59.0	<0.002	0.03	1.24	10.5	1	1.5	456	0.63	<0.05	9.5	0.268	0.77	3.4
N814345		15.6	30.6	<0.002	<0.01	2.65	10.0	<1	2.2	548	0.64	<0.05	9.3	0.271	0.53	3.2
N814346		18.1	73.5	<0.002	<0.01	1.01	10.4	1	1.5	482	0.68	<0.05	10.7	0.249	0.90	3.9
N814347		18.8	89.5	<0.002	<0.01	1.86	9.7	<1	1.8	436	0.75	<0.05	10.9	0.261	1.00	4.0
N814348		19.8	77.0	<0.002	0.07	4.03	9.6	1	1.9	359	0.81	<0.05	11.0	0.261	1.03	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814313		78	4.9	14.0	79	28.1
N814314		152	6.0	13.5	41	28.6
N814315		79	5.7	15.6	60	31.7
N814316		75	1.0	13.7	52	28.9
N814317		59	5.4	10.2	3090	41.2
N814318		76	1.3	14.3	51	27.5
N814319		81	1.3	15.9	51	32.2
N814320		77	1.9	14.8	53	29.9
N814321		132	6.7	17.7	106	27.9
N814322		95	5.7	13.9	53	23.6
N814323		3	0.1	0.8	12	<0.5
N814324		77	8.2	12.8	47	24.3
N814325		77	1.6	14.6	52	31.2
N814326		83	0.7	14.9	54	27.4
N814327		79	0.6	14.8	50	27.5
N814328		79	1.4	15.0	49	30.1
N814329		75	0.9	15.5	47	28.6
N814330		76	1.2	14.4	53	28.4
N814331		75	4.0	14.4	49	27.9
N814332		58	5.5	10.0	5630	25.5
N814333		80	2.4	15.1	56	28.4
N814334		77	3.3	15.3	250	27.4
N814335		3	0.1	0.7	15	<0.5
N814336		82	0.9	16.1	57	27.9
N814337		79	1.1	15.2	53	30.9
N814338		78	1.5	14.6	52	30.1
N814339		73	3.3	14.1	58	24.4
N814340		78	2.9	15.4	57	28.3
N814341		70	5.4	14.8	211	26.7
N814342		76	1.5	14.6	53	26.7
N814343		72	1.3	14.5	51	26.4
N814344		78	1.4	15.3	61	26.4
N814345		76	2.3	15.4	60	24.1
N814346		73	0.9	15.6	54	29.9
N814347		77	1.6	15.3	55	36.2
N814348		76	1.7	14.7	62	32.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 102

Finalized Date: 28-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12188050

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188051

Project: Klaza - 103

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

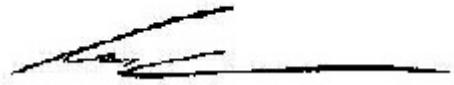
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188051

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355239		3.49	0.019	0.69	6.96	207	690	1.50	0.14	0.24	4.26	40.5	1.9	5	14.65	37.8
M355240		7.90	0.077	0.58	6.81	170.0	1220	1.51	0.35	0.33	2.14	38.6	3.0	7	12.80	34.2
M355241		7.55	0.246	2.76	7.63	472	1930	1.95	1.67	0.61	3.82	56.5	11.8	20	25.5	82.5
M355242		3.83	0.024	0.47	7.97	340	1690	1.92	0.28	0.73	2.66	65.5	6.2	34	31.7	46.5
M355243		2.88	0.251	2.85	8.02	566	1660	1.73	1.39	0.26	4.16	50.4	7.3	13	24.8	43.8
M355244		4.19	0.036	0.63	8.08	262	2060	1.38	0.47	1.10	5.03	47.3	7.0	9	13.80	27.6
M355245		2.07	0.045	0.70	7.90	346	2300	1.35	0.46	1.18	5.51	41.5	10.6	9	13.95	35.0
M355246		3.77	0.028	3.71	8.39	979	1980	1.58	5.09	0.22	16.80	49.7	13.8	9	17.60	140.0
M355247		3.87	0.022	2.16	8.49	578	1470	1.49	0.96	0.62	12.35	50.4	8.5	9	19.70	134.0
M355248		5.41	0.244	7.90	6.64	876	1420	1.37	9.86	0.45	9.42	52.0	10.7	16	16.55	166.5
M355249		2.79	1.155	35.7	7.11	2230	2140	1.36	61.9	1.67	25.8	59.5	9.8	24	16.85	156.0
M355250		6.85	<0.005	0.24	7.55	353	1310	1.55	0.30	2.58	1.25	49.8	7.6	14	22.4	10.1
M355251		0.26	4.45	>100	5.45	8360	1320	0.80	58.7	1.89	219	33.8	7.4	18	11.55	1300
M355252		6.49	<0.005	0.17	7.38	232	1020	1.61	0.32	2.50	0.57	45.8	6.9	15	28.9	9.9
M355253		2.74	0.805	7.08	7.08	7290	740	1.43	1.43	1.85	22.7	46.6	6.8	8	22.8	163.5
M355254		3.23	<0.005	0.02	0.09	10	30	0.07	0.05	21.2	0.13	1.33	1.1	<1	0.27	2.2
M355255		3.18	0.720	9.03	6.85	4520	630	1.25	1.89	1.45	54.9	49.8	6.6	8	11.90	76.0
M355256		3.88	1.895	>100	5.42	3480	1160	0.70	76.6	0.59	33.8	27.1	8.1	9	6.40	1270
M355257		2.50	<0.005	0.13	0.12	8	60	0.05	0.10	20.1	0.18	1.24	1.1	<1	0.21	4.2
M355258		2.65	0.161	3.16	7.21	496	1320	1.41	2.53	1.97	16.80	39.0	7.8	9	14.55	56.5
M355259		2.09	0.017	1.43	7.22	280	1640	1.39	1.42	1.65	6.47	46.9	8.4	8	11.80	13.6
M355260		6.31	<0.005	0.13	7.33	39.3	2250	1.40	0.16	2.58	0.25	47.5	6.4	12	10.80	5.4
M355261		3.47	<0.005	0.37	7.63	6.7	2250	1.38	0.10	2.80	0.21	40.9	7.1	11	10.50	51.4
M355262		2.89	<0.005	1.24	7.11	27.1	2010	1.34	0.76	3.02	4.99	40.2	12.6	10	16.50	9.0
M355263		<0.02	<0.005	1.28	6.90	26.8	1940	1.35	0.78	2.94	4.97	37.3	12.7	9	16.15	9.4
M355264		6.20	<0.005	0.23	7.54	8.7	2270	1.35	0.29	2.69	0.22	41.6	7.6	13	7.08	8.3
M355265		6.31	<0.005	0.18	7.34	17.2	2150	1.20	0.17	3.25	1.04	40.1	7.0	9	12.95	4.1
M355266		7.46	<0.005	1.14	7.28	51.7	2080	1.34	0.18	2.92	2.96	44.9	7.8	9	11.45	10.1
M355267		6.93	<0.005	0.21	7.30	13.3	2170	1.24	0.06	2.69	0.69	42.7	7.7	13	7.32	4.9
M355268		7.64	<0.005	1.25	6.93	82.7	2010	1.34	0.06	2.77	2.15	39.1	7.4	14	8.45	6.7
M355269		0.26	0.799	8.81	6.31	1800	1690	1.07	5.77	1.76	41.2	39.7	15.1	20	15.05	108.5
M355270		7.21	<0.005	0.15	7.12	8.3	2160	1.22	0.72	2.85	0.09	42.0	9.4	12	6.99	3.4
M355271		6.70	<0.005	0.13	7.20	9.9	2230	1.25	0.05	2.84	0.32	39.2	8.2	13	6.63	3.5
M355272		2.34	<0.005	2.14	7.34	28.1	2000	1.17	0.10	3.14	5.56	39.4	7.9	11	8.71	8.2
M355273		5.77	<0.005	0.05	7.58	3.2	2390	1.32	0.08	2.66	0.09	46.6	7.9	11	8.96	3.5
M355274		8.14	<0.005	0.06	7.30	4.7	2190	1.25	0.10	2.93	0.08	37.3	7.7	10	11.70	11.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355239		1.58	19.30	0.12	2.4	0.044	2.37	22.3	21.1	0.11	444	1.17	0.11	15.3	3.4	220
M355240		1.47	18.85	0.14	2.2	0.032	2.18	20.3	70.0	0.15	518	1.22	0.29	13.3	3.3	260
M355241		3.24	20.1	0.18	2.3	0.130	3.02	29.6	19.3	0.23	1660	3.07	0.05	9.9	13.0	790
M355242		2.34	22.8	0.18	3.9	0.034	3.04	33.9	30.1	0.21	695	1.60	0.05	11.9	16.4	1050
M355243		2.98	19.65	0.18	1.5	0.145	3.15	26.7	27.5	0.24	1400	3.07	0.05	8.7	7.2	760
M355244		2.97	19.00	0.19	1.1	0.096	2.84	24.2	38.4	0.24	1460	2.59	0.06	8.7	4.1	670
M355245		3.24	18.80	0.17	1.0	0.096	2.93	20.9	33.1	0.31	1970	2.71	0.06	8.7	4.4	690
M355246		3.63	20.3	0.19	0.9	0.135	2.76	24.6	34.7	0.15	4200	4.81	0.05	8.6	5.9	750
M355247		4.22	19.85	0.20	0.9	0.206	2.86	25.7	26.3	0.28	1940	3.06	0.05	8.8	4.6	790
M355248		3.41	17.55	0.18	2.2	0.221	2.26	28.2	98.9	0.32	1680	6.15	0.07	8.2	8.0	650
M355249		3.48	19.30	0.19	3.3	0.289	2.06	31.1	182.5	0.86	1100	3.41	0.14	8.7	14.5	820
M355250		2.62	20.5	0.19	2.7	0.029	2.41	24.1	77.8	0.97	750	1.64	0.13	8.4	8.0	790
M355251		7.78	12.65	0.21	1.0	4.90	2.28	16.7	22.7	0.60	2970	15.30	0.08	5.4	12.7	440
M355252		2.84	20.9	0.17	2.9	0.029	2.37	21.5	66.6	0.89	943	1.14	0.10	8.5	7.6	810
M355253		4.09	16.75	0.19	1.0	0.638	2.90	25.0	18.1	0.74	3940	1.39	0.04	7.5	4.7	600
M355254		0.47	0.38	0.12	<0.1	<0.005	0.03	0.6	1.0	12.75	220	0.15	0.01	0.3	1.8	180
M355255		5.29	15.80	0.21	0.7	0.519	3.08	26.8	6.2	0.60	5050	1.80	0.02	6.9	2.8	550
M355256		10.45	11.95	0.27	0.7	1.010	2.41	13.7	4.8	0.32	2580	2.48	0.05	5.5	2.2	430
M355257		0.49	0.40	0.10	<0.1	<0.005	0.04	0.6	0.9	11.95	220	0.14	0.01	0.4	1.6	180
M355258		3.64	16.80	0.17	1.0	0.545	3.12	18.6	30.7	0.66	2760	1.64	0.05	8.2	2.7	590
M355259		2.95	16.15	0.17	1.2	0.175	3.47	24.0	12.4	0.62	1790	1.65	0.50	8.1	2.9	530
M355260		2.83	17.30	0.17	1.0	0.050	2.64	23.7	9.5	0.69	620	3.00	1.86	8.3	3.2	610
M355261		3.01	18.10	0.17	1.0	0.056	2.68	19.9	9.6	0.76	671	1.52	2.00	8.6	3.2	650
M355262		2.69	17.80	0.16	1.0	0.046	3.13	19.6	14.8	0.58	1200	1.46	0.78	8.2	3.0	630
M355263		2.63	17.60	0.15	0.9	0.046	3.08	18.2	14.4	0.56	1180	1.40	0.76	8.1	3.0	600
M355264		2.96	17.55	0.17	0.9	0.043	2.66	20.3	10.4	0.77	684	1.28	2.02	7.9	3.3	590
M355265		3.02	17.85	0.17	1.0	0.050	2.47	19.5	18.1	0.67	668	0.97	1.27	8.4	3.0	630
M355266		3.12	17.35	0.18	1.0	0.072	2.54	21.8	14.8	0.77	1020	0.75	1.59	8.2	3.3	650
M355267		2.88	17.50	0.16	0.9	0.034	2.56	20.6	12.6	0.81	691	1.02	2.18	8.2	3.3	600
M355268		2.88	17.55	0.15	0.9	0.036	2.40	17.8	11.6	0.71	743	0.90	1.95	8.1	3.5	600
M355269		4.93	15.60	0.19	1.2	0.904	2.75	20.0	20.9	0.64	1880	12.30	0.24	7.4	16.3	460
M355270		3.05	17.50	0.16	0.9	0.040	2.35	19.9	13.7	0.83	677	1.32	2.12	8.2	3.5	630
M355271		3.05	17.55	0.16	0.8	0.037	2.44	18.1	12.7	0.87	732	0.89	2.17	8.0	3.4	650
M355272		3.24	18.05	0.18	0.8	0.045	2.52	18.4	13.8	0.79	869	0.73	1.72	8.0	3.4	670
M355273		2.98	17.75	0.17	0.8	0.036	2.45	22.9	13.0	0.81	565	0.60	2.16	8.2	3.4	620
M355274		3.07	17.50	0.16	0.8	0.042	2.39	17.4	14.0	0.77	713	0.79	1.98	8.2	3.4	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355239		38.7	104.0	<0.002	0.01	5.61	3.5	1	3.2	66.3	1.38	<0.05	9.0	0.146	1.16	3.1
M355240		32.7	98.0	<0.002	0.02	8.59	4.5	1	2.8	97.9	1.29	<0.05	8.8	0.144	1.17	2.9
M355241		76.6	164.0	<0.002	0.05	17.00	9.8	1	3.4	93.0	0.69	0.06	11.0	0.265	2.57	4.8
M355242		44.0	137.0	<0.002	0.02	7.12	7.3	1	8.0	144.5	0.80	<0.05	12.1	0.303	1.88	5.6
M355243		154.0	176.5	<0.002	0.05	18.75	13.5	2	2.2	48.6	0.60	0.06	13.5	0.281	2.52	4.1
M355244		36.5	148.5	<0.002	0.08	16.35	13.4	2	1.7	66.5	0.67	<0.05	13.3	0.262	2.04	3.1
M355245		35.6	148.0	<0.002	0.13	17.25	13.0	1	1.9	73.6	0.67	<0.05	11.7	0.265	2.16	3.1
M355246		129.5	140.5	<0.002	0.03	19.65	14.9	1	2.1	66.2	0.58	<0.05	12.0	0.300	2.15	4.7
M355247		449	149.0	<0.002	0.33	18.05	14.7	2	2.6	51.8	0.62	0.06	11.9	0.295	2.31	3.8
M355248		561	124.0	<0.002	0.15	45.5	9.0	2	2.3	159.0	0.57	0.29	11.6	0.228	2.15	5.6
M355249		403	89.5	<0.002	1.14	31.2	8.4	2	2.1	189.5	0.58	0.23	9.7	0.274	1.58	5.8
M355250		16.8	82.1	<0.002	0.09	7.30	9.6	1	1.4	196.5	0.54	<0.05	8.0	0.296	1.64	4.3
M355251		9240	127.0	<0.002	6.97	213	5.6	3	8.9	125.0	0.41	0.48	8.2	0.180	2.09	5.1
M355252		15.7	73.0	<0.002	0.03	8.57	9.2	1	1.3	265	0.59	<0.05	7.2	0.307	1.47	3.0
M355253		878	185.5	<0.002	1.89	58.3	11.4	1	2.9	143.5	0.52	0.06	10.7	0.241	2.72	5.4
M355254		3.1	1.6	<0.002	0.01	0.16	0.3	1	<0.2	55.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M355255		1150	181.5	<0.002	3.87	25.1	9.6	2	4.9	53.8	0.46	0.10	11.0	0.222	3.13	2.9
M355256		2000	132.5	<0.002	>10.0	134.0	6.0	3	6.6	24.4	0.42	1.14	8.3	0.177	2.45	2.5
M355257		6.3	2.1	<0.002	0.05	0.32	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	0.005	0.02	0.6
M355258		469	133.0	<0.002	1.06	12.80	9.9	1	2.4	103.5	0.67	<0.05	11.2	0.249	2.58	4.9
M355259		329	166.0	<0.002	0.48	7.09	9.4	1	1.8	128.0	0.82	<0.05	16.0	0.218	2.31	4.1
M355260		17.0	102.5	<0.002	0.05	2.06	11.7	1	1.7	350	0.67	<0.05	10.9	0.259	1.17	3.4
M355261		21.9	97.0	<0.002	0.05	2.04	11.4	1	1.5	377	0.66	<0.05	10.5	0.271	1.10	4.5
M355262		153.5	127.5	<0.002	0.47	5.37	10.5	1	1.8	207	0.62	<0.05	9.3	0.261	2.21	4.9
M355263		146.5	123.0	<0.002	0.47	5.18	10.1	1	1.8	203	0.60	<0.05	8.8	0.254	2.24	4.9
M355264		41.0	100.5	<0.002	0.11	1.53	11.4	1	1.6	383	0.59	<0.05	10.8	0.252	1.14	3.3
M355265		16.0	76.6	<0.002	0.06	3.27	10.4	1	1.6	274	0.71	<0.05	10.2	0.258	1.11	7.4
M355266		112.5	102.5	<0.002	0.18	5.11	11.8	1	1.7	330	0.62	<0.05	10.9	0.264	1.24	2.6
M355267		33.1	88.1	<0.002	0.03	1.63	11.0	1	1.5	395	0.60	<0.05	10.8	0.261	0.95	3.0
M355268		107.5	88.6	<0.002	0.22	7.62	10.8	1	1.7	364	0.60	<0.05	8.9	0.248	1.05	3.5
M355269		1250	143.5	<0.002	2.92	32.8	8.3	2	5.8	145.0	0.57	0.28	10.8	0.200	2.31	4.8
M355270		14.3	81.0	<0.002	0.19	1.31	11.8	1	1.6	404	0.58	0.05	8.7	0.271	1.00	2.4
M355271		25.0	76.7	<0.002	0.03	0.90	12.0	1	1.6	413	0.52	<0.05	8.5	0.277	0.92	2.6
M355272		348	97.5	<0.002	0.33	3.81	11.8	1	2.1	354	0.51	<0.05	7.7	0.272	1.23	3.7
M355273		14.4	88.6	<0.002	0.03	1.07	11.9	1	1.9	435	0.60	<0.05	11.3	0.267	0.93	2.9
M355274		14.3	75.5	<0.002	0.04	1.39	11.4	1	3.7	387	0.58	<0.05	9.1	0.283	0.97	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M355239		19	5.8	13.0	598	62.4		
M355240		23	3.4	12.8	372	54.1		
M355241		64	4.6	12.8	670	89.9		
M355242		58	1.8	12.7	667	162.0		
M355243		75	4.7	14.4	863	49.7		
M355244		72	8.7	15.5	713	27.9		
M355245		76	8.3	14.3	765	26.7		
M355246		82	7.1	17.5	1320	22.1		
M355247		85	4.5	17.0	1650	23.1		
M355248		56	4.0	10.1	1140	82.8		
M355249		66	2.1	12.6	1690	128.5		
M355250		74	3.2	13.1	359	95.4		
M355251		53	4.4	8.9	>10000	32.1	119	1.595
M355252		77	3.9	12.3	260	100.5		
M355253		69	5.8	12.7	2450	27.5		
M355254		2	0.1	0.9	25	0.6		
M355255		65	5.1	10.4	4150	16.9		
M355256		53	5.5	6.1	2410	15.2	111	
M355257		3	0.1	0.8	26	<0.5		
M355258		72	3.8	11.8	2000	24.2		
M355259		61	2.1	13.1	1340	25.7		
M355260		75	0.8	15.3	106	23.6		
M355261		79	0.8	15.1	87	24.1		
M355262		73	2.4	13.2	484	22.5		
M355263		71	2.4	12.5	476	22.1		
M355264		71	1.1	15.0	65	21.9		
M355265		73	2.3	16.8	171	23.1		
M355266		76	1.3	15.8	323	23.6		
M355267		74	0.8	15.5	98	21.3		
M355268		71	1.1	14.6	241	20.9		
M355269		56	5.1	10.5	2970	37.7		
M355270		79	0.9	15.1	49	20.0		
M355271		80	0.4	15.1	76	18.5		
M355272		77	1.8	14.6	554	19.3		
M355273		75	0.7	14.6	46	19.9		
M355274		80	0.8	13.9	50	19.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188051

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188052

Project: Klaza - 103

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

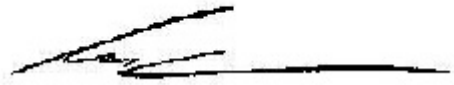
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188052

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355275		6.11	<0.005	0.14	7.47	11.1	2190	1.54	0.10	2.75	0.23	47.3	7.8	11	14.45	4.5
M355276		2.91	0.171	4.41	6.71	1330	1070	1.32	4.28	2.20	7.61	47.0	12.2	8	11.70	144.5
M355277		6.12	<0.005	0.13	7.31	10.4	2110	1.50	0.10	2.60	0.11	33.7	7.7	11	12.45	3.1
M355278		2.78	0.009	0.46	7.08	81.0	1440	1.68	0.28	2.53	2.06	41.1	10.6	9	29.6	13.1
M355279		4.66	<0.005	0.11	7.39	7.6	2230	1.43	0.09	2.85	0.16	43.6	7.2	12	12.00	2.7
M355280		2.61	0.303	1.36	7.01	2720	1820	1.58	0.25	3.38	4.60	42.2	8.3	9	21.5	8.2
M355281		5.35	<0.005	0.02	0.06	5	20	0.07	0.03	20.2	0.07	1.08	0.6	1	0.18	1.7
M355282		4.28	<0.005	0.07	7.64	10.2	2490	1.68	0.10	2.80	0.08	42.9	9.4	10	12.60	14.5
M355283		0.26	2.37	25.9	5.72	3380	1210	1.30	19.95	2.11	79.8	43.6	10.9	17	15.00	435
M355284		4.62	<0.005	0.10	6.81	11.9	2220	1.50	0.10	2.92	0.13	37.9	7.8	11	15.05	4.8
M355285		3.41	<0.005	0.12	7.04	23.8	1760	1.41	0.12	2.71	0.27	39.0	7.5	9	23.8	5.0
M355286		3.19	0.081	1.57	6.58	564	1620	1.48	0.67	4.68	2.05	45.9	7.6	8	17.80	16.1
M355287		3.96	<0.005	0.02	0.08	<5	30	0.08	0.03	20.5	0.07	1.20	0.6	1	0.20	1.8
M355288		6.54	<0.005	0.10	7.62	7.2	2350	1.56	0.11	2.82	0.19	32.8	7.8	12	10.60	5.7
M355289		6.14	<0.005	0.05	7.63	3.8	2230	1.45	0.08	2.78	0.09	37.6	7.6	11	7.14	4.4
M355290		2.18	<0.005	0.39	7.09	13.2	2260	1.41	0.09	2.69	0.49	40.4	8.7	13	19.30	7.2
M355291		6.50	<0.005	0.06	7.10	5.1	2030	1.49	0.08	2.47	0.16	45.0	7.3	11	7.23	4.3
M355292		7.65	<0.005	0.08	7.60	4.2	2130	1.55	0.12	2.63	0.35	41.8	7.3	12	5.17	5.1
M355293		3.42	<0.005	0.06	7.05	4.5	1850	1.36	0.11	2.26	0.23	46.6	6.3	11	4.71	4.3
M355294		4.53	<0.005	0.24	7.02	9.1	2130	1.60	0.25	2.91	0.10	33.4	8.1	10	10.65	8.6
M355295		7.72	<0.005	0.10	7.12	9.0	2060	1.55	0.11	2.83	0.10	36.0	6.8	9	12.90	4.6
M355296		7.23	<0.005	0.10	7.29	7.4	2110	1.73	0.07	2.63	0.15	38.2	6.6	9	16.55	3.0
M355297		0.26	0.744	9.98	6.59	1870	1320	1.53	6.35	1.87	42.8	42.5	16.6	20	16.65	110.0
M355298		2.03	<0.005	0.62	7.28	32.6	1900	1.80	0.11	2.51	1.14	43.7	9.1	9	13.70	3.7
M355299		4.81	<0.005	0.09	7.02	12.8	1660	1.82	0.11	2.42	0.19	35.5	7.6	9	27.6	4.4
M355300		6.69	<0.005	0.07	6.79	9.7	2080	1.46	0.08	2.63	0.09	35.1	7.3	9	20.4	8.3
M355301		6.65	<0.005	0.09	6.82	9.0	1910	1.39	0.09	3.22	0.13	40.4	6.8	10	15.65	3.3
M355302		<0.02	<0.005	0.08	6.84	8.6	1910	1.39	0.08	3.21	0.13	42.4	6.4	9	15.45	2.4
M355303		7.74	<0.005	0.08	7.23	6.6	2070	1.58	0.10	2.63	0.10	42.2	6.7	11	14.40	2.6
M355304		8.97	<0.005	0.08	7.31	8.1	1790	1.65	0.17	2.53	0.07	48.8	6.6	11	11.00	3.5
M355305		5.01	<0.005	0.09	7.02	9.8	1540	1.68	0.41	2.66	0.05	56.6	6.0	11	10.40	2.0
M355306		5.48	<0.005	0.16	7.02	10.6	2130	1.80	0.13	2.49	0.33	41.0	5.6	9	10.40	1.9
M355307		2.76	<0.005	2.61	6.99	24.3	1910	1.33	0.11	1.92	0.59	34.2	5.0	10	12.80	10.2
M355308		3.64	0.079	9.56	6.57	119.5	1930	1.49	0.81	1.94	10.15	36.3	7.5	9	15.45	92.6
M355309		3.00	<0.005	0.27	7.08	8.8	2190	1.61	0.12	2.60	0.59	39.5	6.5	11	11.80	4.5
M355310		2.40	<0.005	0.22	7.19	43.4	2230	1.49	0.13	2.61	0.32	42.2	5.5	10	10.20	8.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355275		3.20	17.75	0.08	0.9	0.039	2.40	21.4	18.5	0.73	694	1.11	1.71	7.8	4.0	660
M355276		4.45	15.35	0.08	0.7	0.238	2.37	23.6	51.2	0.81	1920	2.40	0.05	6.0	3.2	560
M355277		3.01	17.15	0.08	0.9	0.032	2.32	14.7	20.7	0.70	604	0.55	1.88	7.8	3.2	640
M355278		3.23	17.25	0.09	0.8	0.080	2.31	19.2	45.2	0.68	920	0.52	0.81	7.4	3.3	620
M355279		3.25	16.30	0.09	0.8	0.043	2.31	19.5	10.9	0.76	705	0.55	2.15	7.3	3.1	670
M355280		3.52	16.25	0.09	0.7	0.127	2.61	20.0	36.0	0.96	2170	0.57	0.25	7.0	3.2	600
M355281		0.44	0.19	0.08	<0.1	<0.005	0.02	0.5	1.1	12.10	195	0.10	0.01	0.2	1.6	190
M355282		3.20	17.60	0.11	0.8	0.032	2.48	19.4	15.1	0.82	566	0.76	2.06	7.8	3.5	640
M355283		6.27	14.20	0.08	0.8	1.770	2.50	21.3	22.9	0.85	1800	12.50	0.04	5.4	15.9	420
M355284		3.00	17.10	0.09	0.8	0.048	2.32	16.6	16.3	0.77	682	0.61	1.90	7.4	3.4	590
M355285		3.05	16.70	0.10	0.9	0.041	2.17	18.1	51.1	0.75	838	0.50	0.63	7.6	3.0	610
M355286		3.76	14.40	0.10	0.7	0.125	2.53	24.6	19.3	1.20	2570	0.67	0.05	6.1	3.3	520
M355287		0.46	0.25	0.08	<0.1	<0.005	0.03	0.6	1.1	12.10	212	0.15	0.01	0.1	1.8	170
M355288		3.07	16.50	0.10	0.8	0.037	2.40	14.1	20.2	0.78	757	0.59	2.04	7.4	3.0	620
M355289		3.02	16.35	0.09	0.9	0.031	2.48	16.8	15.1	0.83	607	0.54	2.33	7.2	3.0	600
M355290		3.24	16.70	0.09	1.1	0.038	2.30	17.5	39.3	0.79	1060	0.49	0.81	7.7	3.9	650
M355291		2.66	17.20	0.09	0.8	0.035	2.76	22.1	13.8	0.70	617	0.61	2.14	6.8	3.0	520
M355292		2.89	16.70	0.10	0.9	0.034	2.69	19.7	12.8	0.78	657	0.94	2.27	7.1	3.1	560
M355293		2.50	15.40	0.09	0.9	0.026	2.90	23.5	11.0	0.64	573	0.78	2.08	6.1	2.7	460
M355294		2.95	16.90	0.08	0.8	0.069	2.28	14.9	21.9	0.68	702	0.73	1.40	7.1	4.1	580
M355295		3.09	16.35	0.06	0.9	0.055	2.20	15.7	15.7	0.67	730	0.66	1.86	7.1	3.0	610
M355296		3.04	16.45	0.09	0.8	0.050	2.42	17.3	16.1	0.58	638	0.54	1.84	7.0	2.9	580
M355297		5.18	15.40	0.08	1.4	0.974	2.84	21.8	27.0	0.68	1950	12.10	0.25	6.8	15.9	490
M355298		2.93	16.95	0.07	0.9	0.044	2.57	20.5	14.9	0.57	1110	0.52	1.79	7.3	3.1	570
M355299		3.21	17.10	0.09	0.9	0.060	2.40	15.4	29.5	0.58	683	0.51	1.06	8.1	3.3	630
M355300		2.97	17.05	0.09	0.8	0.036	2.37	15.4	21.0	0.54	644	0.55	1.08	7.5	3.1	580
M355301		2.78	16.75	0.10	0.8	0.032	2.28	18.9	24.2	0.58	849	0.51	1.12	7.5	2.8	570
M355302		2.78	16.15	0.08	0.8	0.032	2.31	18.6	23.5	0.57	838	1.64	1.10	7.1	2.7	570
M355303		3.01	15.90	0.08	0.9	0.039	2.06	19.5	16.8	0.68	572	4.56	2.06	7.5	3.0	600
M355304		3.03	16.30	0.08	0.8	0.051	1.77	22.0	19.5	0.72	498	0.55	2.39	7.3	3.2	590
M355305		3.03	16.80	0.10	0.9	0.091	1.66	27.4	20.1	0.79	609	0.48	2.51	7.2	3.2	590
M355306		3.03	16.75	0.08	0.8	0.038	2.17	18.5	17.1	0.70	564	0.47	2.07	7.7	3.0	580
M355307		3.00	15.60	0.07	0.8	0.057	2.62	15.4	55.0	0.54	1100	0.37	0.43	7.0	2.6	580
M355308		3.36	15.30	0.09	0.7	0.221	2.59	17.2	45.8	0.64	1700	2.73	0.06	6.3	2.8	550
M355309		3.01	17.15	0.09	0.8	0.117	2.58	16.9	16.9	0.72	656	0.59	1.96	7.5	3.3	570
M355310		3.01	15.95	0.09	0.9	0.066	2.72	19.8	13.8	0.74	826	0.50	1.71	6.8	2.9	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355275		24.8	88.8	<0.002	0.03	4.50	11.5	1	1.8	348	0.63	<0.05	10.1	0.277	1.17	6.1
M355276		230	119.5	0.002	2.03	39.4	10.2	1	2.8	90.8	0.48	1.07	10.2	0.216	1.93	7.5
M355277		15.5	85.3	0.002	0.02	4.21	11.4	1	1.8	354	0.72	<0.05	10.8	0.259	1.14	3.2
M355278		107.0	102.0	<0.002	0.24	8.40	11.4	1	1.9	193.0	0.62	<0.05	9.2	0.260	1.98	4.9
M355279		18.2	88.9	<0.002	0.02	2.59	11.3	1	1.8	396	0.67	0.05	10.1	0.267	1.13	3.2
M355280		118.0	118.5	<0.002	0.83	25.4	11.4	1	1.7	149.0	0.55	<0.05	9.2	0.240	2.16	5.9
M355281		1.6	1.2	<0.002	0.01	0.21	0.1	1	0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355282		16.4	98.5	<0.002	0.02	1.51	12.0	1	4.0	406	0.64	<0.05	9.6	0.268	1.09	2.8
M355283		2640	157.5	0.002	4.58	92.0	8.4	1	7.9	93.8	0.48	0.45	10.2	0.171	2.46	5.2
M355284		16.1	78.5	<0.002	0.04	3.05	10.4	1	1.8	387	0.59	<0.05	7.9	0.248	1.16	3.1
M355285		19.1	90.7	<0.002	0.09	11.35	11.4	1	2.1	221	0.67	<0.05	9.6	0.256	1.34	4.3
M355286		100.5	164.5	0.002	1.41	12.85	10.1	1	3.1	116.5	0.50	<0.05	9.4	0.208	2.22	5.7
M355287		2.0	1.4	<0.002	0.01	0.13	0.2	<1	0.2	46.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M355288		19.6	84.3	0.002	0.04	2.73	10.6	1	1.9	377	0.62	<0.05	8.5	0.269	1.07	3.0
M355289		15.2	89.3	<0.002	<0.01	0.77	10.7	1	1.8	409	0.67	<0.05	9.7	0.245	0.98	3.1
M355290		33.1	83.0	0.002	0.10	14.55	11.4	1	2.3	222	0.73	<0.05	10.8	0.245	1.34	4.5
M355291		21.1	98.8	<0.002	0.02	1.06	9.8	1	1.5	363	0.57	<0.05	12.3	0.226	1.00	3.3
M355292		23.6	93.0	0.002	0.03	1.17	10.4	1	1.5	380	0.59	<0.05	13.5	0.233	1.09	3.8
M355293		20.1	106.5	<0.002	0.02	0.73	8.7	1	1.3	334	0.51	<0.05	16.3	0.206	1.06	3.9
M355294		15.6	81.0	0.002	0.08	5.09	9.8	1	3.0	285	0.59	<0.05	8.9	0.234	1.19	3.5
M355295		15.8	77.8	0.002	0.07	3.57	10.3	1	2.2	341	0.59	<0.05	9.5	0.246	1.13	2.8
M355296		17.0	94.1	<0.002	0.05	4.07	10.1	1	1.9	335	0.57	<0.05	11.0	0.240	1.20	3.1
M355297		1305	161.5	<0.002	3.03	34.1	9.2	2	5.9	151.0	0.64	0.40	11.6	0.208	2.63	5.2
M355298		74.5	110.5	<0.002	0.31	10.90	10.3	1	1.8	323	0.62	<0.05	12.9	0.243	1.47	3.2
M355299		17.4	95.1	<0.002	0.05	6.54	10.2	1	1.9	202	0.72	<0.05	10.3	0.257	1.54	3.6
M355300		19.8	77.0	<0.002	0.05	5.59	9.8	1	2.2	243	0.67	<0.05	9.5	0.244	1.28	3.3
M355301		17.8	74.4	0.002	0.05	6.44	9.7	1	1.8	256	0.63	<0.05	9.6	0.229	1.29	3.0
M355302		17.9	73.9	0.002	0.05	6.07	9.2	1	1.6	254	0.65	<0.05	9.9	0.236	1.26	2.9
M355303		14.4	82.7	0.003	0.02	2.48	10.7	1	2.1	374	0.74	<0.05	10.9	0.249	1.04	3.5
M355304		13.6	71.6	0.003	0.04	5.11	10.8	1	3.3	389	0.67	<0.05	12.1	0.250	0.95	3.6
M355305		11.9	73.3	0.002	0.05	3.63	10.2	2	5.5	354	0.67	<0.05	12.8	0.232	1.10	3.4
M355306		18.1	82.4	<0.002	0.09	3.21	10.8	1	2.6	356	0.70	<0.05	10.2	0.244	1.09	3.9
M355307		74.8	98.1	<0.002	0.20	13.50	9.6	1	2.3	156.5	0.62	<0.05	10.1	0.238	1.55	3.7
M355308		613	103.0	0.002	0.78	32.3	9.2	1	2.4	88.3	0.58	0.06	9.9	0.230	1.98	4.5
M355309		41.0	93.4	<0.002	0.04	3.15	10.4	1	1.9	352	0.63	<0.05	10.2	0.241	1.37	4.0
M355310		23.3	113.5	0.002	0.14	3.22	10.1	1	2.1	323	0.64	<0.05	12.0	0.233	1.34	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188052

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M355275		79	1.8	15.6	73	19.7
M355276		68	16.6	14.4	749	15.0
M355277		74	1.1	15.2	50	19.0
M355278		74	1.6	15.1	243	17.1
M355279		77	0.9	15.6	55	16.0
M355280		71	2.7	15.7	423	16.6
M355281		2	0.1	0.7	15	<0.5
M355282		76	1.1	16.0	49	18.1
M355283		54	5.4	9.8	5230	22.8
M355284		71	1.2	13.9	48	18.6
M355285		73	3.0	15.4	62	18.1
M355286		58	3.9	18.6	191	14.8
M355287		3	0.1	0.8	16	<0.5
M355288		75	1.4	14.5	58	17.1
M355289		69	1.0	14.9	42	17.5
M355290		73	5.3	16.2	69	22.7
M355291		63	1.0	13.8	50	18.8
M355292		65	1.2	14.7	72	21.5
M355293		56	1.2	13.1	54	23.1
M355294		68	1.8	13.4	50	19.1
M355295		70	1.6	13.5	43	18.5
M355296		68	1.1	13.0	46	17.8
M355297		58	5.4	11.1	3040	36.4
M355298		69	1.9	14.5	149	18.6
M355299		71	1.4	13.4	58	19.3
M355300		69	1.0	13.2	46	17.0
M355301		64	2.3	14.9	43	17.6
M355302		65	2.3	14.4	42	16.4
M355303		71	1.1	15.3	42	17.6
M355304		70	1.9	15.4	40	17.8
M355305		65	1.8	14.9	44	17.5
M355306		69	1.4	14.4	66	18.5
M355307		66	2.4	11.5	104	16.0
M355308		67	2.3	11.4	906	14.8
M355309		67	1.2	14.2	78	17.4
M355310		66	1.3	14.9	60	16.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188052

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188053

Project: Klaza - 103

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

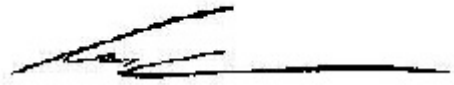
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188053

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355311		2.73	<0.005	0.05	7.41	6.2	2170	1.56	0.12	2.31	0.10	41.1	7.6	9	11.35	2.7
M355312		7.61	<0.005	0.04	7.07	6.5	1950	1.50	0.12	2.55	0.09	42.6	7.1	11	10.70	4.7
M355313		8.04	<0.005	0.12	7.05	5.9	2120	1.42	0.11	2.59	0.13	40.1	6.8	13	5.75	3.9
M355314		2.91	<0.005	0.07	7.07	6.8	2130	1.45	0.10	2.70	0.14	41.4	5.6	11	9.65	2.9
M355315		2.02	0.006	0.11	7.48	6.7	2050	1.47	0.14	2.83	0.09	52.2	6.8	10	10.75	2.6
M355316		3.31	<0.005	0.05	7.70	8.8	1750	1.54	0.12	2.54	0.10	61.3	6.7	12	12.20	3.3
M355317		2.46	0.022	0.70	7.21	34.0	1210	1.50	0.99	2.10	0.15	66.6	14.2	8	14.85	3.3
M355318		6.84	<0.005	0.08	7.43	5.8	1830	1.74	0.17	2.70	0.10	48.1	5.3	9	12.15	3.1
M355319		6.97	<0.005	0.08	7.26	6.4	2100	1.46	0.15	3.03	0.53	43.9	7.1	10	11.95	4.8
M355320		6.67	<0.005	0.25	7.20	10.0	1980	1.65	0.13	2.87	1.99	47.8	7.0	10	11.25	11.1
M355321		2.91	0.016	1.45	7.22	151.5	1180	1.62	0.66	2.38	4.15	54.7	6.3	12	16.65	37.3
M355322		0.26	4.36	>100	5.40	8280	1300	1.25	64.3	1.93	224	35.6	9.8	17	11.60	1270
M355323		3.25	0.007	0.31	7.22	22.7	1690	1.56	0.35	2.78	0.37	42.2	5.8	10	16.60	16.7
M355324		4.67	0.031	1.24	7.35	141.0	1300	1.52	0.62	4.30	2.53	53.3	6.1	8	17.80	12.6
M355325		3.15	0.140	2.98	5.62	403	900	1.43	1.95	5.79	11.85	40.9	5.7	7	9.87	30.6
M355326		2.62	<0.005	0.11	0.07	<5	20	0.06	0.05	21.1	0.13	1.13	0.6	1	0.16	1.3
M355327		5.74	0.118	2.25	7.15	327	1550	1.91	1.92	3.55	1.92	64.7	7.3	14	16.80	32.4
M355328		7.59	<0.005	0.48	7.47	56.5	1520	1.99	0.14	3.45	0.10	65.2	7.1	15	18.10	14.9
M355329		4.28	0.479	10.75	6.17	2150	1030	0.88	2.54	1.15	33.1	49.2	6.1	8	7.05	78.3
M355330		5.40	0.031	3.67	7.08	89.5	1400	1.52	1.42	0.74	18.75	56.6	6.7	9	12.05	25.2
M355331		5.13	<0.005	0.30	7.44	11.6	2130	1.63	0.18	2.50	0.28	48.0	7.1	10	14.80	5.0
M355332		<0.02	<0.005	0.22	7.20	9.0	2050	1.73	0.18	2.40	0.20	50.4	6.3	8	14.45	5.0
M355333		4.96	<0.005	0.53	7.42	27.6	2240	1.56	0.40	2.43	2.86	51.7	11.8	9	11.10	31.4
M355334		0.26	4.40	>100	5.56	8400	1250	1.17	63.6	1.95	230	34.4	9.6	17	11.15	1330
M355335		5.71	<0.005	0.21	7.70	10.6	2310	1.53	0.24	2.67	0.32	48.0	7.9	12	7.79	4.7
M355336		3.13	<0.005	0.20	7.63	9.7	1970	1.57	0.34	2.48	0.54	49.6	8.2	9	7.77	9.1
M355337		3.65	<0.005	0.35	7.27	21.2	1910	1.61	0.32	2.66	0.36	48.5	9.8	9	13.25	24.1
M355338		5.27	0.139	6.29	6.91	178.0	490	1.53	3.45	2.10	3.21	44.5	7.7	10	11.35	194.0
M355369		3.25	<0.005	0.61	7.53	11.2	2110	1.61	0.13	2.60	0.79	48.1	6.4	9	9.08	8.0
M355339		7.20	<0.005	0.14	7.46	6.7	2220	1.55	0.18	2.71	0.23	44.2	7.8	10	6.99	9.8
M355340		2.39	0.257	12.65	7.45	68.1	1810	1.32	2.11	2.57	20.5	47.5	21.6	9	13.45	53.7
M355341		3.90	<0.005	0.03	0.05	<5	20	0.05	0.02	20.2	0.07	1.13	1.0	1	0.12	2.6
M355342		2.34	0.105	4.48	7.29	953	1140	1.39	1.15	2.21	77.4	48.9	12.3	8	14.00	34.8
M355343		4.12	0.016	1.30	7.96	48.8	1960	1.45	0.57	2.44	7.96	47.3	6.7	10	13.70	25.9
M355344		2.48	1.160	10.85	7.20	3320	1120	1.31	2.79	2.41	122.5	50.7	9.4	7	11.10	62.0
M355345		2.35	0.008	0.79	7.12	49.6	1000	1.61	0.71	2.93	0.65	45.8	10.2	9	16.40	35.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188053

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355311		3.12	17.15	0.14	0.9	0.051	2.47	20.3	19.9	0.71	488	0.68	1.79	8.5	3.2	600
M355312		2.92	16.00	0.15	1.0	0.068	2.40	19.7	15.8	0.74	680	0.62	1.96	8.5	2.9	620
M355313		2.68	16.05	0.13	0.9	0.044	2.45	19.1	11.6	0.77	576	0.67	2.14	7.6	3.5	560
M355314		2.79	15.70	0.13	0.9	0.049	2.38	20.2	10.8	0.70	595	0.69	2.07	7.6	2.7	560
M355315		2.96	16.20	0.15	1.0	0.045	2.27	27.0	20.5	0.76	627	0.66	2.07	8.0	3.2	590
M355316		3.16	17.35	0.16	1.1	0.074	2.29	31.4	19.4	0.69	822	1.21	1.28	9.5	3.5	680
M355317		4.68	16.90	0.18	0.8	0.128	2.26	38.3	16.3	0.83	1400	0.57	0.23	7.4	3.3	550
M355318		3.16	16.55	0.13	1.0	0.074	1.95	24.4	17.6	0.72	514	0.52	2.06	8.3	2.8	620
M355319		2.97	15.75	0.13	0.9	0.067	2.44	21.8	17.8	0.73	664	0.63	1.48	7.9	2.9	580
M355320		2.91	16.60	0.15	1.0	0.098	2.43	23.8	14.6	0.73	686	0.78	1.81	8.5	3.1	590
M355321		3.76	15.45	0.15	0.9	0.350	2.80	28.6	32.1	0.93	1740	0.63	0.16	7.8	3.2	590
M355322		7.91	13.55	0.15	1.2	4.91	2.20	16.9	32.0	0.62	3030	15.50	0.08	5.9	14.5	450
M355323		2.96	16.70	0.14	1.0	0.069	2.51	18.9	25.3	0.67	799	0.91	0.95	8.7	2.9	620
M355324		3.09	15.55	0.14	0.9	0.122	2.91	28.5	38.1	1.45	2350	0.99	0.05	7.6	3.1	580
M355325		3.96	12.55	0.13	0.8	0.239	2.44	20.8	16.4	2.20	3110	2.24	0.03	5.8	2.6	460
M355326		0.45	0.21	0.09	<0.1	<0.005	0.03	0.5	1.0	12.90	199	0.30	0.01	0.2	1.8	170
M355327		3.12	18.60	0.16	3.7	0.083	2.76	34.3	72.9	1.35	1180	2.61	0.06	10.5	6.3	990
M355328		2.41	18.25	0.17	3.8	0.027	2.89	35.8	84.4	1.28	853	1.26	0.06	10.4	6.1	1030
M355329		10.55	15.85	0.18	1.1	0.757	2.67	22.3	6.9	0.56	4650	0.95	0.02	6.8	2.6	520
M355330		6.20	15.95	0.18	1.1	0.712	3.10	32.4	12.6	0.89	4120	1.05	0.03	8.0	2.8	540
M355331		2.95	16.50	0.15	1.1	0.060	2.66	23.6	11.6	0.68	752	0.77	1.67	8.6	2.8	580
M355332		2.81	15.90	0.13	1.1	0.058	2.53	24.0	11.1	0.65	706	0.84	1.66	8.1	2.6	570
M355333		3.11	16.65	0.14	1.0	0.087	2.79	26.1	11.2	0.71	919	0.61	1.57	8.3	3.0	600
M355334		8.07	12.95	0.13	1.2	4.76	2.28	17.3	31.5	0.63	3090	15.45	0.08	5.7	14.3	460
M355335		3.07	16.55	0.14	1.0	0.060	2.31	22.4	10.1	0.81	711	1.15	2.32	8.7	3.3	630
M355336		3.12	15.95	0.15	1.1	0.076	2.21	24.8	11.1	0.84	778	0.81	2.27	8.1	3.0	600
M355337		2.93	15.90	0.15	1.0	0.091	2.90	24.1	11.3	0.78	1360	0.64	1.20	8.0	2.8	570
M355338		4.28	16.00	0.12	1.0	0.124	2.75	20.9	16.1	0.73	953	1.33	0.75	8.0	2.9	550
M355369		2.70	17.35	0.16	1.1	0.065	2.76	24.2	16.7	0.71	674	1.08	1.65	8.9	2.8	610
M355339		2.96	16.30	0.14	1.1	0.050	2.66	20.6	13.3	0.80	659	0.81	2.06	8.3	3.0	600
M355340		4.15	14.60	0.14	0.8	0.151	2.95	25.6	16.1	0.77	2300	1.07	0.84	7.3	2.6	540
M355341		0.45	0.17	<0.05	<0.1	<0.005	0.02	0.5	0.8	12.70	202	0.25	0.01	0.2	0.8	180
M355342		4.56	14.70	0.15	0.9	0.354	2.96	27.3	11.1	0.80	1980	1.38	0.63	6.7	2.5	500
M355343		3.42	16.20	0.14	0.9	0.184	3.02	25.4	12.1	0.82	1360	0.57	1.42	7.8	2.3	590
M355344		5.40	14.30	0.17	0.9	0.493	2.79	28.0	7.8	0.83	1250	0.87	1.01	7.0	2.5	490
M355345		3.10	15.60	0.12	0.9	0.103	1.98	24.0	15.1	0.77	1200	0.56	1.33	7.6	2.4	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188053

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355311		15.4	91.2	<0.002	0.02	2.57	11.0	1	1.8	313	0.59	<0.05	11.6	0.255	1.05	3.6
M355312		14.5	89.4	<0.002	0.05	2.00	11.6	1	1.7	331	0.60	<0.05	11.7	0.262	1.10	3.6
M355313		17.1	83.5	<0.002	0.02	1.33	10.1	1	1.5	376	0.53	<0.05	10.9	0.244	0.88	3.2
M355314		16.0	80.9	<0.002	0.02	3.34	9.4	1	1.7	362	0.56	<0.05	12.6	0.243	1.03	3.4
M355315		16.1	90.1	<0.002	0.03	3.58	11.0	<1	1.9	370	0.60	<0.05	15.8	0.252	1.06	4.0
M355316		12.5	95.5	<0.002	0.09	6.49	12.1	1	2.1	245	0.63	<0.05	18.1	0.280	1.14	4.1
M355317		24.8	135.5	<0.002	1.30	5.55	10.6	1	5.0	73.6	0.54	0.28	16.6	0.241	1.65	7.9
M355318		13.1	77.3	<0.002	0.03	4.87	10.7	1	2.4	333	0.57	<0.05	13.3	0.263	0.98	3.1
M355319		18.7	85.1	<0.002	0.04	3.01	10.3	<1	1.6	312	0.56	<0.05	11.8	0.251	1.04	4.0
M355320		75.3	93.1	<0.002	0.08	3.24	11.0	<1	2.1	327	0.62	<0.05	14.3	0.252	1.26	4.0
M355321		246	171.0	<0.002	0.54	12.35	11.3	1	3.5	111.5	0.55	<0.05	14.2	0.240	2.40	5.4
M355322		9150	135.0	0.002	7.14	215	7.8	1	8.8	124.5	0.43	0.54	8.9	0.181	2.14	5.2
M355323		24.4	95.9	<0.002	0.22	6.84	10.8	1	3.3	237	0.63	<0.05	12.5	0.259	1.64	4.7
M355324		92.5	162.5	<0.002	1.08	8.45	10.6	1	2.9	132.0	0.54	<0.05	14.1	0.242	2.91	6.1
M355325		233	140.0	<0.002	2.48	13.15	7.9	1	3.8	162.5	0.39	0.20	10.1	0.180	2.43	4.8
M355326		1.6	1.2	<0.002	0.01	0.11	0.2	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.06	0.9
M355327		108.0	165.0	<0.002	1.42	8.24	7.5	1	4.7	163.5	0.67	0.09	10.3	0.268	3.11	4.4
M355328		10.3	163.0	0.002	0.21	6.53	7.2	<1	2.3	163.0	0.69	<0.05	10.8	0.287	3.10	4.8
M355329		1840	155.0	<0.002	9.79	21.9	8.9	1	13.2	27.3	0.62	0.11	10.8	0.203	2.63	3.4
M355330		776	188.0	<0.002	0.97	6.08	10.4	1	6.1	34.3	0.76	0.05	15.5	0.226	3.11	5.3
M355331		23.4	111.0	<0.002	0.11	3.76	10.6	1	1.7	307	0.67	<0.05	14.0	0.253	1.53	6.7
M355332		21.0	99.3	<0.002	0.08	3.44	10.1	1	1.6	300	0.67	<0.05	13.7	0.242	1.42	5.6
M355333		122.0	115.0	<0.002	0.55	2.71	11.4	1	1.9	295	0.60	<0.05	13.9	0.247	1.65	4.7
M355334		9310	141.0	0.003	7.38	221	7.6	1	8.8	123.0	0.43	0.44	9.3	0.187	2.23	5.3
M355335		25.1	96.7	<0.002	0.08	1.93	11.2	1	1.7	383	0.63	<0.05	13.4	0.269	1.18	4.1
M355336		19.4	109.0	0.003	0.21	2.56	11.0	1	1.8	324	0.62	<0.05	13.1	0.256	1.34	4.1
M355337		24.2	135.0	0.002	0.30	4.41	10.4	1	1.8	253	0.61	<0.05	14.5	0.241	1.90	4.9
M355338		291	121.0	0.005	2.65	31.4	10.6	1	4.3	165.0	0.59	0.16	11.3	0.236	1.75	4.4
M355369		97.0	96.4	<0.002	0.06	4.45	11.0	1	1.8	299	0.69	<0.05	12.5	0.259	1.32	3.5
M355339		21.5	92.2	<0.002	0.08	2.30	10.2	1	1.7	348	0.62	<0.05	11.9	0.263	1.13	3.9
M355340		2910	123.5	<0.002	1.56	13.70	9.5	2	2.7	232	0.56	0.86	12.7	0.233	1.98	4.5
M355341		3.3	0.9	<0.002	<0.01	0.05	0.2	2	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355342		801	161.5	<0.002	2.20	10.70	10.0	2	3.4	160.5	0.54	0.46	12.6	0.230	2.28	4.9
M355343		204	131.5	<0.002	0.47	5.81	11.6	1	2.2	290	0.60	<0.05	12.3	0.270	1.80	4.3
M355344		2970	147.5	<0.002	3.66	19.15	9.5	2	4.6	215	0.59	0.14	13.2	0.220	1.95	7.7
M355345		28.0	93.8	<0.002	0.38	10.15	10.3	1	3.2	216	0.62	<0.05	12.2	0.244	1.77	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188053

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355311		70	2.0	14.9	41	17.1		
M355312		75	1.0	16.4	45	18.0		
M355313		65	0.8	14.7	44	17.2		
M355314		65	1.0	13.9	47	18.2		
M355315		68	1.5	16.7	48	19.9		
M355316		76	3.1	18.7	49	21.7		
M355317		71	4.1	16.2	67	14.7		
M355318		72	2.2	14.9	43	18.2		
M355319		67	1.5	15.9	92	17.4		
M355320		70	1.2	16.2	255	19.7		
M355321		69	3.2	15.1	470	17.2		
M355322		53	4.8	9.3	>10000	29.6	118	1.640
M355323		72	1.4	14.5	77	19.1		
M355324		68	4.1	15.4	268	17.3		
M355325		49	4.2	11.6	1020	18.7		
M355326		3	0.1	0.8	18	<0.5		
M355327		58	2.8	13.6	182	117.5		
M355328		60	3.3	13.1	54	120.5		
M355329		55	21.1	7.9	2620	19.6		
M355330		62	6.0	9.5	1900	20.5		
M355331		68	1.3	15.8	79	21.1		
M355332		65	1.3	14.6	69	20.3		
M355333		69	1.4	14.9	300	20.7		
M355334		53	4.9	9.2	>10000	30.1	121	1.635
M355335		73	1.3	16.0	71	19.4		
M355336		68	1.5	15.2	103	19.1		
M355337		65	1.6	15.4	87	19.2		
M355338		65	3.0	13.2	330	19.2		
M355369		69	2.3	16.2	110	21.7		
M355339		71	2.1	14.9	54	20.9		
M355340		63	2.1	14.6	1520	20.6		
M355341		2	0.1	0.8	14	<0.5		
M355342		64	2.8	13.7	5020	21.8		
M355343		74	1.9	16.0	841	21.2		
M355344		59	3.0	13.7	8080	21.3		
M355345		65	2.8	15.4	100	21.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188053

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
This copy reported on 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12188750

Project: Klaza-68

P.O. No.: BATCH 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145816**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2012
Account: ROCKHA

Project: Klaza-68

CERTIFICATE OF ANALYSIS WH12188750

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05
N829230		0.040	
N829231		<0.005	
N829232		0.244	
N829233		<0.005	
N829234		0.010	
N829235		0.008	
N829236		0.027	
N829237		0.018	
N829238		0.025	
N829239		<0.005	
N829240		0.011	
N829241		2.33	
N829242		0.122	
N829243		<0.005	
N829244		>10.0	34.1
N829245		<0.005	
N829246		0.029	
N829247		0.135	
N829248		0.008	
N829249		0.015	
N829250		<0.005	
N829251		0.005	
N829252		4.01	
N829253		0.435	
N829254		<0.005	
N829255		<0.005	
N829256		<0.005	
N829257		<0.005	
N829258		0.014	
N829259		<0.005	
N829260		<0.005	
N829261		0.223	
N829262		0.009	
N829263		0.005	
N829264		0.291	
N829265		<0.005	

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145816**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
This copy reported on 20-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188751

Project: Klaza-71

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	MATT TURNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147351**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2012
Account: ROCKHA

Project: Klaza-71

CERTIFICATE OF ANALYSIS WH12188751

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828543		0.019
N828544		0.105
N828545		0.046
N828546		<0.005
N828547		<0.005
N828548		<0.005
N828549		0.011
N828550		0.013
N828551		0.045
N828552		0.005
N828553		0.140
N828554		0.050
N828555		0.050
N828556		<0.005
N828557		0.008
N828558		0.044
N828559		0.039
N828560		0.039
N828561		4.39
N828562		1.180
N828563		0.013
N828564		0.006
N828565		<0.005
N828566		<0.005
N828567		<0.005
N828568		<0.005
N828569		<0.005
N828570		<0.005
N828571		0.777
N828572		0.006
N828573		3.31
N828574		<0.005
N828575		0.031
N828576		2.11
N828577		<0.005
N828578		0.454

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147351**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188882

Project: Klaza - 102

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188882

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814349		4.66	<0.005	0.06	7.78	2.5	2060	1.37	0.07	2.87	0.08	45.4	7.4	11	9.07	4.2
N814350		4.77	<0.005	0.08	7.56	5.4	2030	1.32	0.18	2.82	0.15	43.3	7.1	12	8.53	3.4
N814351		<0.02	<0.005	0.06	8.16	5.3	2180	1.42	0.19	2.97	0.12	49.3	7.9	12	9.21	3.8
N814352		3.50	<0.005	0.04	7.87	4.6	2080	1.45	0.12	2.90	0.10	44.9	8.6	11	8.75	2.5
N814353		6.50	<0.005	0.09	7.00	7.2	1610	1.26	0.23	2.48	0.12	37.5	5.3	10	19.15	3.2
N814354		6.40	0.030	0.47	7.29	56.8	1930	1.13	0.64	3.27	0.48	36.8	23.7	8	14.40	1.9
N814355		3.10	0.400	3.23	6.80	392	1990	1.16	0.23	2.92	8.36	44.2	5.9	9	15.00	7.3
N814356		2.20	<0.005	0.01	0.08	<5	160	0.06	0.02	20.8	0.08	1.20	0.9	1	0.20	1.8
N814357		5.72	<0.005	0.10	7.37	3.5	2040	1.26	0.13	2.65	0.10	43.8	7.7	11	11.75	5.6
N814358		2.99	<0.005	0.10	6.08	8.0	2690	1.03	0.29	2.85	0.11	32.9	6.9	10	11.95	5.3
N814359		3.00	<0.005	0.13	6.85	9.7	1460	1.32	0.26	2.80	0.27	37.9	8.9	9	27.9	4.6
N814360		0.26	2.35	24.4	5.91	3580	970	1.13	18.75	2.17	81.9	40.2	9.9	19	14.10	437
N814361		3.72	<0.005	0.06	7.57	4.3	2120	1.21	0.10	2.78	0.12	43.7	7.6	10	19.50	4.0
N814362		7.03	<0.005	0.07	7.42	4.0	1840	1.17	0.15	3.30	0.18	41.5	7.7	11	18.20	3.3
N814363		4.81	<0.005	0.11	7.51	5.6	1690	1.22	0.06	2.68	0.14	48.1	8.0	11	26.7	3.7
N814364		4.54	<0.005	0.08	7.13	9.3	1610	1.27	0.21	2.74	0.20	43.0	7.9	11	24.3	3.6
N814365		3.84	<0.005	0.16	7.22	4.7	1960	1.17	0.05	2.68	0.40	43.3	7.8	11	14.45	4.4
N814366		2.68	0.280	1.02	6.75	825	1170	1.05	0.12	3.81	11.25	45.6	6.9	7	16.50	5.8
N814367		2.78	<0.005	0.05	0.07	<5	30	0.05	0.02	19.95	0.10	1.19	0.9	1	0.20	1.8
N814368		2.17	<0.005	0.45	6.67	22.4	1500	1.29	0.05	2.68	0.50	38.3	7.3	9	23.7	4.5
N814369		0.26	4.49	>100	5.20	8070	1180	0.93	55.7	1.83	221	32.8	8.2	17	11.60	1220
N814370		2.89	<0.005	0.30	6.79	112.0	1560	1.24	0.08	2.84	0.42	36.5	7.4	8	29.0	5.3
N814371		1.69	<0.005	0.23	6.93	68.2	1620	1.24	0.06	2.78	0.28	40.2	7.5	9	29.5	5.2
N814372		2.25	0.006	0.38	6.92	237	1110	1.31	0.07	2.78	0.20	37.4	7.1	7	27.9	5.4
N814373		2.36	0.012	0.56	7.03	35.8	1230	1.16	0.10	3.92	0.54	44.4	7.3	7	24.5	5.8
N814374		4.37	<0.005	0.26	7.00	5.5	1980	1.25	0.21	2.66	0.21	38.0	8.1	10	16.15	2.5
N814375		2.53	<0.005	0.08	7.31	4.6	2390	1.27	0.16	3.11	0.12	42.7	8.4	11	14.30	4.3
N814376		2.51	0.005	0.23	6.99	15.5	2800	1.19	0.22	2.73	0.23	36.3	7.8	8	20.1	7.1
N814377		3.94	1.745	>100	3.68	6490	510	0.77	8.92	5.24	85.7	29.1	15.6	6	6.93	273
N814378		6.75	0.015	1.44	6.98	71.2	1180	1.81	0.16	2.69	0.85	53.9	6.6	15	19.25	9.2
N814379		7.61	<0.005	0.34	6.46	16.6	1080	1.79	0.20	2.26	0.56	56.1	5.1	12	30.1	3.7
N814380		4.63	<0.005	0.19	6.88	16.0	780	1.73	0.39	2.68	0.73	61.8	5.2	11	19.85	4.1
N814381		2.84	0.230	3.03	6.63	247	1150	1.62	0.15	2.91	4.32	46.0	7.3	10	19.95	15.3
N814382		4.25	0.392	88.1	4.67	1260	420	0.86	7.59	0.64	91.0	35.0	31.4	9	5.46	418
N814383		3.59	0.282	12.25	5.91	505	550	1.27	2.13	2.42	11.25	40.7	29.6	8	10.65	64.9
N814384		3.99	0.084	0.41	6.49	23.5	1840	1.45	0.15	2.79	2.36	38.0	7.8	10	13.60	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814349		3.29	15.60	0.12	1.5	0.040	2.47	23.9	12.8	0.87	743	0.57	2.20	8.4	3.0	630
N814350		3.25	15.30	0.12	1.3	0.056	2.17	21.9	14.5	0.94	702	0.47	2.25	8.0	3.0	620
N814351		3.49	17.05	0.12	1.3	0.060	2.34	26.2	15.5	1.00	747	0.55	2.36	8.5	3.4	660
N814352		3.43	17.55	0.11	1.5	0.043	2.12	22.9	15.2	0.95	707	0.47	2.41	8.4	3.2	660
N814353		3.10	14.70	0.12	1.2	0.083	1.92	19.3	40.4	0.71	746	0.34	0.85	7.9	2.7	610
N814354		4.53	15.70	0.14	1.0	0.336	3.02	18.7	31.8	0.91	2260	0.48	0.63	7.6	2.8	610
N814355		4.30	13.90	0.14	1.0	0.263	2.85	25.1	20.2	1.00	3640	0.53	0.25	6.7	2.9	540
N814356		0.49	0.24	<0.05	<0.1	0.010	0.03	0.6	0.9	13.10	221	0.10	0.01	0.3	2.4	190
N814357		3.19	15.45	0.12	1.2	0.051	2.43	22.1	14.2	0.85	726	0.55	1.90	7.8	2.9	610
N814358		2.81	13.30	0.10	0.9	0.084	1.61	16.3	40.3	0.67	786	0.41	1.25	6.6	2.5	540
N814359		3.40	15.10	0.12	1.1	0.083	1.97	17.8	33.2	0.73	919	0.76	1.60	8.3	2.9	660
N814360		6.85	13.15	0.18	0.9	1.700	2.56	21.4	20.8	0.92	1910	13.85	0.04	6.0	14.8	450
N814361		3.25	15.95	0.12	1.1	0.046	2.43	21.8	10.3	0.77	677	0.49	2.25	7.8	3.1	660
N814362		3.45	16.00	0.12	1.1	0.053	1.92	20.2	13.2	0.85	764	0.42	2.28	8.1	3.3	660
N814363		3.24	15.65	0.12	1.2	0.044	2.34	24.7	25.1	0.78	736	0.46	1.70	8.2	3.0	670
N814364		3.34	16.15	0.13	1.2	0.055	1.66	22.4	16.6	0.69	794	0.54	2.17	8.1	3.1	630
N814365		3.12	15.50	0.13	1.3	0.038	2.33	21.4	13.2	0.78	676	0.61	1.74	8.1	2.9	620
N814366		4.01	13.90	0.14	1.0	0.131	1.94	26.0	32.4	1.39	3520	0.57	0.05	6.9	2.5	550
N814367		0.45	0.23	<0.05	<0.1	0.008	0.03	0.6	0.9	12.65	207	1.11	0.01	0.3	2.3	190
N814368		2.90	15.00	0.12	1.2	0.043	2.70	19.0	30.7	0.84	949	2.27	0.83	7.7	3.3	600
N814369		7.99	12.30	0.22	1.0	4.71	2.15	17.1	27.2	0.61	2900	15.35	0.08	5.4	13.3	440
N814370		3.04	15.35	0.10	1.4	0.045	2.63	17.9	27.5	0.76	822	1.91	1.10	8.0	2.8	650
N814371		3.01	15.70	0.12	1.3	0.039	2.67	19.6	32.7	0.73	792	1.38	1.11	8.1	2.7	640
N814372		3.09	14.70	0.12	1.2	0.040	2.57	19.0	32.8	0.92	882	1.85	0.34	7.5	2.6	580
N814373		2.67	14.15	0.11	1.1	0.040	2.45	23.6	29.7	1.29	1390	1.30	0.06	7.2	2.6	580
N814374		3.41	15.55	0.12	1.2	0.056	1.69	18.8	17.8	0.92	715	0.53	1.85	8.2	2.9	630
N814375		3.37	15.75	0.12	1.1	0.050	2.10	21.0	10.7	0.90	800	0.74	1.95	8.4	3.2	660
N814376		3.34	15.95	0.12	1.2	0.083	2.53	17.4	20.9	0.75	1280	0.70	0.72	8.4	2.8	690
N814377		7.78	8.71	0.19	0.7	1.750	1.55	14.6	11.7	1.85	3650	5.72	0.02	3.8	2.7	340
N814378		2.31	16.95	0.11	3.3	0.043	2.54	27.7	30.6	0.96	995	1.48	0.05	10.0	5.9	1040
N814379		2.26	16.90	0.11	2.4	0.027	2.40	30.1	45.6	0.83	588	0.92	0.06	11.1	3.1	810
N814380		2.28	17.15	0.10	2.5	0.024	1.64	33.3	111.0	0.98	618	2.52	0.07	11.6	3.1	820
N814381		3.61	15.20	0.12	1.8	0.215	2.70	26.7	20.5	1.13	2540	1.48	0.02	7.6	4.4	670
N814382		7.23	11.80	0.14	0.8	1.410	2.13	18.5	10.6	0.34	346	0.94	0.02	5.0	3.2	380
N814383		5.39	14.45	0.15	0.9	0.312	2.66	23.3	8.8	0.93	2760	1.38	0.03	6.4	3.5	480
N814384		3.08	15.95	0.11	1.1	0.072	2.49	18.7	13.5	0.76	1180	0.49	1.45	8.1	3.1	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814349		17.3	98.8	<0.002	0.01	1.11	10.6	1	1.6	424	0.79	<0.05	13.4	0.274	0.94	5.7
N814350		19.6	80.9	<0.002	<0.01	2.75	9.9	1	1.6	454	0.65	<0.05	13.1	0.268	0.94	4.6
N814351		20.7	90.4	<0.002	<0.01	2.83	11.7	1	1.7	486	0.69	<0.05	14.4	0.285	1.02	5.4
N814352		18.3	77.2	<0.002	<0.01	2.39	12.4	1	1.5	508	0.69	<0.05	12.3	0.286	0.91	3.6
N814353		15.4	75.2	<0.002	0.06	10.00	9.6	1	2.0	255	0.63	<0.05	12.0	0.264	1.21	3.6
N814354		69.4	140.0	<0.002	0.38	6.20	9.0	1	3.0	149.5	0.62	<0.05	10.8	0.260	2.51	3.7
N814355		338	185.5	<0.002	1.35	12.90	9.6	1	2.8	164.0	0.53	<0.05	11.6	0.235	2.52	3.8
N814356		1.9	1.6	<0.002	0.02	<0.05	0.3	1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N814357		21.7	87.8	<0.002	0.02	1.89	10.5	1	2.1	378	0.63	<0.05	11.6	0.269	1.12	3.3
N814358		19.4	59.4	<0.002	0.07	13.45	8.5	1	2.0	294	0.50	<0.05	7.9	0.231	1.00	2.6
N814359		25.9	77.2	<0.002	0.05	7.10	11.7	1	2.3	283	0.62	<0.05	8.8	0.294	1.29	3.1
N814360		2770	165.0	0.002	4.88	90.5	7.2	1	7.7	89.2	0.47	0.38	9.7	0.180	2.29	5.2
N814361		19.4	87.0	<0.002	0.01	3.02	10.8	1	1.8	431	0.60	<0.05	10.3	0.280	0.99	3.3
N814362		19.0	65.3	<0.002	0.01	3.41	10.4	1	1.9	483	0.59	<0.05	9.7	0.278	0.82	3.3
N814363		17.1	94.0	<0.002	0.06	4.86	11.1	1	1.8	347	0.65	<0.05	11.7	0.291	1.16	3.7
N814364		17.9	71.6	<0.002	0.04	15.55	10.5	1	1.9	330	0.64	<0.05	11.0	0.272	1.05	3.3
N814365		27.2	84.0	<0.002	0.03	3.28	10.4	1	1.7	351	0.66	<0.05	10.9	0.275	1.00	3.6
N814366		119.5	105.5	<0.002	0.55	20.0	9.6	1	2.1	136.5	0.56	<0.05	11.1	0.235	1.31	2.8
N814367		3.8	1.3	<0.002	0.01	0.10	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N814368		50.6	106.5	<0.002	0.16	6.32	9.5	1	1.5	244	0.67	<0.05	10.5	0.254	1.80	3.9
N814369		8940	133.5	<0.002	6.90	210	6.5	2	8.7	121.5	0.42	0.53	7.8	0.177	2.08	4.9
N814370		27.7	99.9	<0.002	0.16	6.98	10.0	1	1.7	284	0.69	<0.05	9.1	0.271	1.86	3.8
N814371		21.3	107.5	<0.002	0.14	6.01	9.9	1	1.7	284	0.69	<0.05	10.0	0.270	1.77	4.0
N814372		17.0	105.0	<0.002	0.25	10.05	9.9	1	1.4	207	0.58	<0.05	9.4	0.253	2.05	3.5
N814373		29.5	93.7	<0.002	0.26	7.32	9.5	1	1.5	170.0	0.60	<0.05	10.7	0.245	1.87	4.1
N814374		21.6	67.3	<0.002	0.02	5.21	10.5	1	1.6	365	0.68	<0.05	10.3	0.274	1.12	3.6
N814375		18.3	74.1	<0.002	0.03	2.78	10.9	1	1.6	405	0.66	<0.05	10.8	0.281	1.07	3.7
N814376		25.5	93.3	<0.002	0.18	10.85	10.2	1	1.9	220	0.66	0.05	9.7	0.288	1.76	3.3
N814377		>10000	100.0	0.004	7.20	193.0	4.9	2	7.1	132.5	0.28	0.63	5.3	0.122	1.55	13.0
N814378		118.0	136.0	<0.002	0.50	12.55	6.3	1	1.5	240	0.71	<0.05	8.5	0.279	3.41	4.6
N814379		39.6	85.7	<0.002	0.05	6.21	5.7	1	1.3	209	0.75	<0.05	9.2	0.232	1.76	4.4
N814380		34.1	54.4	<0.002	0.07	4.20	5.8	1	1.6	282	0.80	<0.05	9.9	0.241	1.24	5.2
N814381		393	154.0	<0.002	1.52	13.90	8.7	1	2.5	222	0.57	<0.05	10.5	0.237	2.58	4.2
N814382		9450	146.5	<0.002	7.76	135.5	7.3	2	8.8	28.8	0.41	1.13	8.9	0.166	1.88	2.9
N814383		964	163.0	<0.002	4.20	24.6	9.9	1	9.3	88.2	0.54	0.47	11.2	0.208	2.16	4.2
N814384		89.4	89.3	<0.002	0.13	3.84	10.5	1	1.8	301	0.69	<0.05	10.2	0.257	1.44	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N814349		77	0.9	17.6	58	33.0	<1		
N814350		76	1.8	16.3	60	33.4	<1		
N814351		80	1.7	18.3	63	32.7	1		
N814352		80	1.9	18.0	56	35.9	<1		
N814353		73	3.4	13.4	52	29.7	<1		
N814354		74	8.0	14.2	101	25.9	1		
N814355		67	3.0	14.6	673	23.8	3		
N814356		3	0.1	0.8	16	<0.5	<1		
N814357		76	1.2	15.6	58	29.9	1		
N814358		66	2.3	11.9	51	22.0	<1		
N814359		87	2.1	14.7	68	24.8	<1		
N814360		58	5.3	9.5	5540	24.1	25		
N814361		79	0.8	15.9	54	28.0	<1		
N814362		84	1.5	15.8	50	28.3	<1		
N814363		85	1.2	16.5	56	30.0	<1		
N814364		80	1.8	16.3	64	29.8	<1		
N814365		78	1.7	16.3	81	31.3	1		
N814366		67	3.3	16.6	905	23.8	1		
N814367		3	0.1	0.8	17	<0.5	<1		
N814368		73	1.6	15.0	78	29.1	1		
N814369		52	4.5	8.7	>10000	30.6	120		1.640
N814370		82	2.0	14.4	70	32.9	1		
N814371		80	2.3	15.3	59	30.6	1		
N814372		73	4.0	14.1	57	27.7	<1		
N814373		70	3.7	16.2	71	27.3	<1		
N814374		76	2.0	15.7	59	28.0	<1		
N814375		80	1.7	17.0	59	28.1	<1		
N814376		84	2.2	14.6	78	29.2	<1		
N814377		39	3.0	6.9	5990	18.6	209	1.180	
N814378		59	3.8	12.9	115	122.5	1		
N814379		47	2.1	12.6	88	74.6	<1		
N814380		48	3.0	13.1	94	76.2	<1		
N814381		61	4.7	10.1	395	62.3	3		
N814382		53	5.8	6.5	6820	17.2	91		
N814383		64	4.4	10.3	854	21.9	12		
N814384		75	1.6	14.8	243	27.2	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 102

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12188882

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188883

Project: Klaza - 102

P.O. No.: Batch 6

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188883

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814385		3.80	<0.005	0.11	7.23	6.1	2310	1.47	0.15	2.87	0.11	38.2	8.1	11	8.82	4.9
N814386		5.04	<0.005	0.08	7.41	5.9	2260	1.38	0.09	2.81	0.14	41.6	8.6	12	7.95	5.5
N814387		4.73	<0.005	0.10	7.41	5.9	2280	1.39	0.07	2.84	0.07	39.0	8.5	11	7.69	6.7
N814388		<0.02	<0.005	0.10	7.46	5.9	2290	1.36	0.08	2.83	0.06	41.9	8.8	12	7.99	7.4
N814389		5.20	<0.005	0.05	7.53	6.4	2400	1.46	0.08	2.77	0.07	41.3	9.1	13	6.91	5.4
N814390		4.49	<0.005	0.08	7.47	5.0	2210	1.42	0.15	2.95	0.22	41.8	8.8	15	8.00	8.8
N814391		2.59	0.007	0.13	7.49	19.7	2060	1.39	0.19	2.92	0.92	43.5	8.5	11	7.36	7.1
N814392		4.66	<0.005	0.09	7.58	43.4	2150	1.40	0.15	2.90	0.29	45.3	8.6	12	7.40	7.1
N814393		3.43	<0.005	0.05	7.33	5.2	2000	1.41	0.16	2.78	0.07	44.8	8.2	11	7.90	4.0
N814394		1.88	1.120	13.00	5.64	1195	1220	0.98	4.26	2.51	26.9	36.0	37.9	8	7.56	121.5
N814395		2.05	<0.005	0.08	0.07	<5	70	<0.05	0.04	20.7	0.14	1.23	0.7	<1	0.22	1.7
N814396		3.66	0.122	0.17	7.14	13.5	1900	1.29	2.25	2.75	0.28	39.1	21.5	12	11.85	11.3
N814397		4.90	<0.005	0.05	7.31	5.4	2130	1.42	0.17	2.84	0.12	44.2	8.7	12	6.21	6.6
N814398		4.78	<0.005	0.14	7.25	5.1	2110	1.46	0.14	2.75	0.17	44.1	8.6	12	7.44	7.1
N814399		2.98	0.005	0.49	7.54	39.3	1450	1.39	0.17	2.82	0.70	46.3	8.1	10	14.40	9.1
N814400		2.93	<0.005	0.02	0.17	<5	100	0.05	0.04	20.9	0.08	2.48	0.7	1	0.37	1.4
N814401		3.10	<0.005	0.07	6.94	7.4	2080	1.26	0.07	2.71	0.07	46.1	7.2	11	8.49	16.5
N814402		5.05	<0.005	0.08	6.84	2.1	2130	1.39	0.09	2.78	0.12	43.6	7.2	13	9.22	13.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814385		3.42	16.25	0.07	1.2	0.059	2.28	16.0	13.1	0.85	1060	0.46	1.87	7.8	2.6	610
N814386		3.36	17.30	0.10	1.1	0.045	2.38	18.1	16.8	0.94	797	0.51	2.13	8.3	2.7	620
N814387		3.21	16.25	0.07	1.0	0.035	2.37	17.2	17.7	0.92	724	0.56	2.16	7.4	2.5	620
N814388		3.23	16.95	0.09	1.1	0.034	2.39	18.1	18.4	0.92	724	0.48	2.14	7.7	2.5	610
N814389		3.29	17.00	0.11	1.4	0.044	2.37	18.1	16.4	0.99	744	0.52	2.28	8.0	2.4	620
N814390		3.47	16.45	0.10	1.3	0.044	2.36	17.9	15.4	0.96	794	0.48	2.13	8.1	2.8	670
N814391		3.34	16.25	0.08	1.2	0.054	2.40	19.0	12.0	0.87	885	0.47	1.91	7.5	2.4	610
N814392		3.35	16.50	0.10	1.3	0.055	2.30	20.4	10.2	0.93	928	0.47	2.03	7.9	2.5	610
N814393		3.44	15.80	0.07	1.2	0.041	2.18	19.7	12.9	0.91	728	0.50	2.03	8.0	2.4	580
N814394		6.61	12.95	0.09	0.9	0.629	2.48	18.2	10.8	1.02	3100	1.11	0.06	5.4	1.8	410
N814395		0.45	0.26	0.07	<0.1	0.007	0.03	0.6	0.9	12.75	214	0.11	0.01	0.2	0.9	150
N814396		3.36	14.75	0.10	1.2	0.042	2.62	17.4	10.9	0.73	889	0.67	1.58	7.1	2.2	580
N814397		3.12	17.10	0.10	1.2	0.037	2.23	19.1	13.8	0.92	724	0.55	2.33	8.2	2.5	590
N814398		3.21	17.00	0.08	1.2	0.047	2.52	18.5	12.8	0.91	940	0.77	2.04	8.2	2.8	580
N814399		3.39	15.80	0.08	1.2	0.103	2.88	21.3	16.8	0.81	1340	0.75	1.10	7.7	2.2	600
N814400		0.49	0.45	0.08	<0.1	0.007	0.05	1.2	1.3	13.05	215	0.12	0.02	0.2	1.0	210
N814401		3.01	15.20	0.09	1.1	0.033	2.49	20.1	11.4	0.79	690	0.75	2.00	7.4	5.8	610
N814402		3.00	15.75	0.08	1.0	0.037	2.45	19.5	13.2	0.76	694	0.73	2.02	7.5	4.0	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814385		46.3	79.0	<0.002	0.06	2.69	11.0	1	1.8	372	0.58	<0.05	9.5	0.277	1.14	3.7
N814386		16.8	86.1	<0.002	0.04	1.38	11.8	1	1.6	420	0.56	<0.05	9.6	0.285	0.98	3.4
N814387		16.7	81.3	<0.002	0.03	1.30	10.8	<1	1.5	426	0.53	<0.05	8.7	0.278	0.91	2.9
N814388		16.8	80.9	<0.002	0.03	1.34	11.5	<1	1.4	426	0.51	<0.05	9.1	0.279	0.98	3.0
N814389		15.7	77.1	<0.002	0.02	0.97	11.3	1	1.4	504	0.64	<0.05	10.0	0.284	0.89	3.5
N814390		19.3	77.6	<0.002	0.04	1.23	11.5	1	1.6	413	0.63	<0.05	9.9	0.294	0.97	3.8
N814391		23.6	88.3	0.002	0.15	1.60	11.3	<1	1.9	379	0.58	<0.05	10.1	0.274	1.06	3.5
N814392		18.9	86.4	<0.002	0.08	1.91	11.7	1	1.6	389	0.59	<0.05	11.1	0.276	1.07	3.9
N814393		16.1	78.4	<0.002	0.01	2.24	11.1	<1	1.8	368	0.66	<0.05	11.8	0.269	1.06	4.1
N814394		1305	147.0	<0.002	5.12	25.5	8.5	1	8.0	74.9	0.41	0.26	9.4	0.182	1.76	4.4
N814395		6.8	1.8	<0.002	0.01	0.23	0.2	<1	0.5	54.1	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N814396		25.6	93.3	<0.002	0.41	2.58	10.0	<1	2.4	322	0.58	0.13	10.7	0.257	1.19	4.0
N814397		17.3	73.3	<0.002	0.01	1.16	11.1	1	1.8	451	0.60	<0.05	11.2	0.272	0.82	3.9
N814398		21.4	89.9	<0.002	0.03	1.47	11.0	1	1.7	406	0.61	<0.05	10.2	0.273	1.08	3.7
N814399		31.6	124.5	<0.002	0.39	4.86	11.3	1	2.0	259	0.60	<0.05	11.6	0.272	1.90	4.0
N814400		1.8	2.6	<0.002	0.01	0.25	0.3	<1	0.2	51.1	<0.05	<0.05	0.3	0.005	0.03	0.7
N814401		20.0	101.5	<0.002	0.02	1.28	10.3	1	1.6	378	0.65	<0.05	12.8	0.258	1.11	4.0
N814402		18.9	104.5	<0.002	0.01	1.49	10.3	1	1.8	390	0.68	<0.05	11.7	0.257	1.04	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188883

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814385		76	8.3	13.0	56	23.1
N814386		79	0.9	14.5	55	23.0
N814387		76	0.8	13.0	50	20.6
N814388		77	0.7	13.7	50	21.7
N814389		78	0.7	14.2	50	25.8
N814390		82	1.1	14.1	64	23.8
N814391		76	0.8	14.2	136	22.7
N814392		76	1.1	14.7	77	25.1
N814393		74	2.9	14.3	51	21.8
N814394		52	5.3	9.0	2520	17.2
N814395		1	0.1	0.8	21	<0.5
N814396		69	2.3	12.8	69	22.8
N814397		76	0.7	14.1	50	23.6
N814398		74	0.8	14.0	58	24.6
N814399		75	2.2	13.6	100	22.0
N814400		2	0.1	1.0	16	0.6
N814401		72	0.6	14.7	50	25.8
N814402		71	0.7	14.6	54	26.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12188883

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188884

Project: Klaza - 103

P.O. No.: Batch 4

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

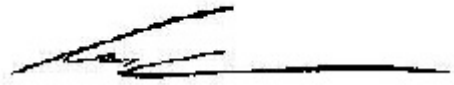
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188884

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355346		2.64	<0.005	0.04	6.69	11.9	1760	1.61	0.18	2.55	0.08	41.1	5.8	10	16.25	2.6
M355347		6.62	<0.005	0.08	7.07	10.2	1880	1.66	0.38	2.42	0.12	43.3	6.7	10	12.75	6.4
M355348		5.79	<0.005	0.08	6.91	10.5	1890	1.51	0.15	2.23	0.14	42.1	7.7	10	12.90	14.5
M355349		2.69	0.275	3.45	6.39	1230	550	1.42	3.59	2.52	14.35	43.6	6.5	9	11.60	34.4
M355350		3.44	<0.005	0.02	0.08	<5	20	0.07	0.02	20.7	0.08	1.49	1.0	1	0.20	1.5
M355351		3.53	0.005	0.06	6.73	12.6	2000	1.50	0.15	2.81	0.10	40.0	5.9	10	12.60	4.5
M355352		3.86	<0.005	0.04	7.12	6.3	2120	1.55	0.19	2.60	0.10	41.7	7.5	11	11.00	4.3
M355353		2.24	<0.005	0.04	6.91	6.5	2100	1.60	0.16	2.57	0.10	42.3	6.8	12	9.94	4.6
M355354		5.21	<0.005	0.25	6.84	7.7	1750	1.65	0.37	2.49	0.08	44.4	7.5	11	10.80	5.3
M355355		2.54	0.010	0.14	6.04	20.8	2090	1.48	0.20	4.00	0.45	43.1	7.6	9	15.85	8.2
M355356		8.80	<0.005	0.03	7.07	3.2	2090	1.67	0.09	2.63	0.08	42.5	7.5	11	7.10	5.1
M355357		8.04	<0.005	0.02	6.93	3.7	2010	1.57	0.11	2.55	0.12	45.0	7.3	14	6.32	8.0
M355358		7.61	<0.005	0.03	7.24	4.0	2180	1.72	0.12	2.59	0.13	45.4	7.8	13	6.20	7.7
M355359		<0.02	<0.005	0.03	7.05	4.3	2110	1.62	0.11	2.51	0.12	44.0	7.8	12	6.02	7.3
M355360		7.43	<0.005	0.05	6.99	4.2	2100	1.65	0.17	2.66	0.10	44.6	7.9	12	8.20	8.6
M355361		7.75	<0.005	0.03	6.92	3.5	2120	1.53	0.10	2.44	0.09	42.1	7.9	13	6.77	5.7
M355362		7.96	0.006	0.03	7.10	3.6	2080	1.58	0.11	2.58	0.09	43.3	8.0	11	7.29	5.6
M355363		8.10	<0.005	0.02	7.01	3.3	2060	1.44	0.10	2.40	0.15	43.4	8.2	11	6.81	6.2
M355364		0.24	0.775	9.68	6.33	1750	1540	1.50	6.65	1.79	40.7	44.3	16.9	19	17.20	106.0
M355365		7.95	<0.005	0.07	6.80	4.4	1930	1.58	0.11	2.61	0.11	42.6	7.8	12	8.69	5.4
M355366		8.10	<0.005	0.04	6.84	3.7	1950	1.66	0.16	2.58	0.09	45.6	7.9	11	7.30	5.6
M355367		5.75	<0.005	0.03	6.91	3.4	2000	1.57	0.14	2.23	0.10	41.3	7.3	10	6.72	6.1
M355368		4.57	<0.005	0.27	7.15	9.7	1690	1.34	0.26	1.47	1.71	48.1	7.3	9	12.10	44.0
M355369		Not Recvd														
M355370		6.55	<0.005	0.06	6.94	10.8	1810	1.49	0.13	2.20	0.09	44.9	6.8	9	14.30	5.0
M355371		4.34	<0.005	0.16	6.45	22.7	1870	1.44	0.60	3.20	0.18	50.2	12.9	7	22.4	29.7
M355372		4.75	<0.005	0.13	6.66	14.7	1790	1.59	0.40	2.68	0.15	43.0	12.8	10	11.40	24.4
M355373		2.29	0.027	0.20	6.80	99.6	1980	1.63	0.20	2.56	0.92	43.1	6.2	10	8.20	15.0
M355374		2.48	<0.005	0.02	6.83	3.5	1980	1.58	0.14	2.58	0.08	42.5	6.6	11	7.63	4.2
M355375		0.26	1.620	25.3	5.86	3450	1680	1.35	19.45	2.16	75.9	46.0	10.8	19	15.05	431
M355376		4.99	<0.005	0.11	7.03	5.5	2020	1.59	0.15	2.56	0.22	43.6	7.1	12	7.23	4.9
M355377		3.64	<0.005	0.16	7.31	4.8	2050	1.68	0.11	2.63	0.70	48.9	7.4	11	10.05	6.2
M355378		5.49	<0.005	0.33	7.00	8.0	2040	1.64	0.11	2.86	1.53	45.1	7.5	15	13.10	6.8
M355379		3.76	<0.005	0.09	7.23	3.4	2040	1.85	0.10	2.61	0.14	47.8	7.6	10	7.22	5.9
M355380		2.60	0.012	1.91	6.67	35.8	2160	1.62	0.42	2.43	10.95	40.4	7.5	9	13.90	55.0
M355381		4.34	<0.005	0.01	0.06	<5	30	0.05	0.06	19.85	0.07	1.19	0.9	<1	0.12	1.1
M355382		3.65	<0.005	0.34	7.43	12.9	2260	1.80	0.27	2.55	1.51	55.2	6.8	9	11.80	11.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355346		2.99	15.75	0.10	1.0	0.039	1.75	20.8	12.4	0.65	599	0.47	2.30	8.1	3.1	560
M355347		3.03	16.10	0.12	1.0	0.067	2.03	22.8	14.4	0.67	588	0.67	2.07	8.4	3.2	570
M355348		2.81	16.05	0.11	1.1	0.044	2.53	21.3	14.6	0.67	671	0.68	1.59	8.4	3.1	570
M355349		4.76	14.35	0.14	0.9	0.317	2.97	24.7	7.9	0.59	2180	0.61	0.06	7.0	3.2	500
M355350		0.46	0.25	<0.05	<0.1	<0.005	0.03	0.7	0.9	12.60	197	0.20	0.01	0.2	2.2	180
M355351		2.80	15.70	0.09	1.1	0.049	2.32	19.6	8.3	0.65	978	0.49	1.94	7.9	2.7	550
M355352		2.93	16.75	0.09	1.1	0.043	2.25	20.8	10.1	0.68	592	0.63	2.34	8.6	2.9	590
M355353		2.91	16.35	0.10	1.1	0.039	2.18	20.9	10.1	0.68	597	0.71	2.29	8.5	3.1	590
M355354		2.83	15.90	0.10	1.1	0.046	2.04	20.2	11.9	0.65	603	0.76	2.10	8.3	3.1	550
M355355		3.16	14.85	0.10	1.0	0.040	2.29	19.4	12.0	0.91	1180	0.85	1.33	7.8	3.0	520
M355356		2.88	16.55	0.10	1.1	0.032	2.56	21.0	14.8	0.73	598	0.89	2.27	8.6	3.0	570
M355357		2.98	15.55	0.12	1.1	0.033	2.50	22.5	13.5	0.76	620	1.08	2.22	9.0	2.8	640
M355358		2.98	16.85	0.12	1.0	0.038	2.67	22.7	16.2	0.81	603	0.78	2.35	8.8	3.2	590
M355359		2.90	16.20	0.11	1.3	0.039	2.57	22.5	15.8	0.78	583	0.71	2.27	8.4	3.1	570
M355360		2.87	16.65	0.12	1.2	0.035	2.41	22.8	15.9	0.69	685	0.94	1.87	9.0	3.2	580
M355361		2.92	16.60	0.12	1.0	0.029	2.52	21.2	15.9	0.75	614	0.76	2.12	8.4	3.1	570
M355362		2.95	16.85	0.11	1.1	0.031	2.58	21.5	16.1	0.77	615	0.89	2.22	8.6	3.0	590
M355363		2.91	15.85	0.12	1.0	0.029	2.57	22.5	15.2	0.74	549	0.77	2.20	8.2	3.1	550
M355364		5.02	15.10	0.13	1.3	0.972	2.71	24.5	24.4	0.66	1850	12.70	0.25	7.7	16.2	470
M355365		2.88	16.15	0.10	1.1	0.035	2.46	21.9	14.7	0.71	597	0.72	2.13	8.5	2.9	560
M355366		3.07	15.95	0.11	1.2	0.041	2.46	20.6	14.3	0.69	603	0.80	2.02	8.9	3.0	590
M355367		3.05	16.05	0.11	1.1	0.042	2.47	18.6	15.5	0.66	501	0.99	1.97	8.1	3.0	560
M355368		2.58	15.45	0.11	1.1	0.044	2.75	26.2	20.1	0.62	481	1.18	0.45	8.7	2.7	550
M355369																
M355370		3.01	16.25	0.11	1.1	0.038	2.49	20.8	15.4	0.47	483	0.99	1.26	8.2	2.8	570
M355371		2.88	14.85	0.11	1.0	0.075	2.28	27.9	13.6	0.72	1060	0.87	0.12	7.3	2.5	510
M355372		3.06	15.80	0.11	1.0	0.064	2.47	21.2	10.0	0.63	859	1.31	1.55	8.0	2.5	550
M355373		3.04	15.85	0.11	1.2	0.047	2.52	21.4	9.0	0.65	840	1.16	2.01	8.2	2.9	550
M355374		2.83	16.15	0.10	1.1	0.038	2.47	18.9	10.0	0.64	568	1.46	2.12	8.2	2.8	550
M355375		6.58	14.05	0.15	0.9	1.780	2.58	27.2	22.9	0.88	1820	13.00	0.04	6.1	15.9	440
M355376		2.98	16.25	0.11	1.1	0.045	2.55	22.1	10.5	0.73	603	1.17	2.21	8.4	2.9	560
M355377		2.92	15.80	0.12	1.1	0.078	2.70	23.3	9.0	0.77	819	1.27	2.01	7.9	3.3	560
M355378		3.16	15.85	0.13	1.2	0.072	2.57	20.8	11.7	0.79	876	1.42	1.62	8.3	5.0	560
M355379		2.84	16.60	0.12	1.3	0.039	2.61	22.2	9.9	0.78	627	1.59	2.21	8.8	2.7	570
M355380		3.48	14.80	0.14	1.3	0.287	2.65	19.2	11.9	0.72	1730	1.28	0.92	8.0	2.6	520
M355381		0.45	0.22	0.05	<0.1	0.007	0.02	0.6	1.0	12.40	207	0.50	0.01	0.2	1.4	170
M355382		3.24	16.05	0.15	1.1	0.107	2.63	27.3	11.5	0.75	1580	0.95	1.81	8.2	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355346		13.3	68.1	<0.002	0.04	2.77	9.9	1	2.3	398	0.65	<0.05	10.9	0.242	0.99	3.2
M355347		17.2	79.0	<0.002	0.09	2.65	9.9	1	2.2	356	0.73	<0.05	11.5	0.245	1.01	3.7
M355348		22.3	91.6	<0.002	0.04	3.93	10.0	1	1.9	288	0.72	<0.05	12.1	0.244	1.11	3.9
M355349		681	180.5	<0.002	3.26	11.25	9.3	1	3.6	64.0	0.57	0.12	12.4	0.211	2.72	6.5
M355350		2.5	1.6	<0.002	0.03	0.09	0.2	1	<0.2	49.5	<0.05	<0.05	0.2	<0.005	<0.02	1.0
M355351		19.3	88.9	<0.002	0.08	2.76	8.5	1	1.6	335	0.70	<0.05	11.4	0.235	1.29	4.8
M355352		18.6	77.5	<0.002	0.02	2.16	9.5	1	1.8	397	0.73	<0.05	11.2	0.263	0.92	4.1
M355353		16.7	76.6	<0.002	0.02	2.11	9.5	1	1.7	388	0.73	<0.05	11.4	0.252	0.93	3.8
M355354		15.7	79.2	<0.002	0.05	2.64	9.2	1	1.9	353	0.74	<0.05	11.0	0.240	0.89	4.6
M355355		32.7	78.5	<0.002	0.29	3.51	8.3	1	1.5	314	0.71	<0.05	10.2	0.221	1.05	4.8
M355356		17.5	90.1	<0.002	0.01	1.67	9.5	1	1.5	389	0.78	<0.05	12.5	0.249	0.84	5.5
M355357		17.4	90.7	<0.002	0.01	1.65	9.0	1	1.5	358	0.88	<0.05	12.2	0.257	0.87	4.6
M355358		19.7	91.3	<0.002	0.01	1.16	10.1	1	1.5	401	0.83	<0.05	12.5	0.254	0.85	4.4
M355359		18.9	91.2	<0.002	0.01	1.11	9.7	1	1.4	388	0.83	<0.05	12.3	0.243	0.84	3.9
M355360		19.6	93.9	<0.002	0.02	2.79	9.8	1	1.6	344	0.90	<0.05	12.7	0.248	0.91	4.8
M355361		18.3	88.0	<0.002	<0.01	1.65	9.4	1	1.5	394	0.66	<0.05	11.0	0.250	0.87	3.4
M355362		18.2	92.1	<0.002	0.01	1.47	10.0	1	1.5	385	0.69	<0.05	12.3	0.256	0.92	3.8
M355363		18.9	90.4	<0.002	0.01	1.80	9.4	1	1.5	390	0.67	<0.05	12.7	0.246	0.86	3.8
M355364		1270	155.0	<0.002	2.92	32.5	8.4	1	5.8	148.5	0.64	0.29	12.0	0.197	2.30	5.2
M355365		18.6	88.2	<0.002	0.01	1.70	9.4	1	1.6	364	0.74	<0.05	12.2	0.245	0.89	4.1
M355366		16.6	91.5	<0.002	0.01	2.51	10.1	1	1.8	352	0.77	<0.05	12.9	0.253	0.89	5.0
M355367		17.1	89.8	<0.002	0.01	4.12	9.3	1	1.6	368	0.69	<0.05	12.1	0.244	0.87	4.0
M355368		59.5	118.0	<0.002	0.08	6.26	9.1	1	1.8	136.0	0.87	<0.05	14.8	0.243	1.20	4.3
M355369																
M355370		16.7	90.4	<0.002	0.05	3.50	9.3	1	2.0	283	0.67	<0.05	12.0	0.247	1.19	2.2
M355371		14.3	103.5	<0.002	0.22	5.46	8.7	1	9.4	126.5	0.62	0.06	13.1	0.214	2.24	2.9
M355372		17.4	97.0	<0.002	0.17	3.77	8.9	1	2.5	272	0.68	<0.05	12.0	0.233	1.37	4.5
M355373		32.6	93.2	<0.002	0.13	3.27	9.1	1	1.7	353	0.74	<0.05	13.2	0.234	1.01	4.4
M355374		16.4	88.8	<0.002	0.01	2.41	8.9	1	1.8	360	0.69	<0.05	10.8	0.239	0.97	4.4
M355375		2690	158.0	<0.002	4.70	85.8	7.8	2	7.8	92.3	0.50	0.35	11.6	0.176	2.18	5.4
M355376		25.2	93.7	<0.002	0.02	2.01	9.4	1	1.7	374	0.75	<0.05	14.3	0.246	0.96	4.9
M355377		30.3	119.0	<0.002	0.04	2.05	10.1	1	2.0	354	0.71	<0.05	14.2	0.247	1.20	4.4
M355378		72.6	104.5	<0.002	0.09	2.81	9.9	1	2.3	304	0.79	<0.05	12.6	0.247	1.27	5.1
M355379		18.1	112.5	<0.002	0.04	1.33	10.5	1	1.8	369	0.93	<0.05	13.9	0.253	1.06	5.0
M355380		187.5	127.0	<0.002	0.59	6.15	9.6	1	2.3	207	0.90	<0.05	13.5	0.227	1.61	5.8
M355381		1.7	1.0	<0.002	<0.01	<0.05	0.2	2	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
M355382		58.4	122.0	<0.002	0.11	2.90	10.5	2	1.9	325	0.88	<0.05	15.5	0.249	1.25	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188884

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355346		67	2.0	14.3	41	22.6	<1
M355347		69	1.5	15.3	49	23.4	<1
M355348		69	2.0	15.0	49	24.8	<1
M355349		60	3.7	13.8	1400	20.0	3
M355350		3	0.1	0.9	16	<0.5	<1
M355351		65	1.1	14.5	46	24.5	<1
M355352		73	1.1	15.0	41	24.7	<1
M355353		70	1.0	15.3	39	23.7	<1
M355354		68	3.4	15.1	42	24.3	<1
M355355		64	1.2	14.8	70	22.1	<1
M355356		70	1.9	16.3	45	24.2	<1
M355357		70	1.5	16.4	48	24.1	<1
M355358		72	0.9	17.0	48	23.2	<1
M355359		68	0.9	16.5	46	27.5	<1
M355360		69	3.1	17.0	47	25.4	<1
M355361		69	2.3	14.7	45	22.7	<1
M355362		71	2.2	16.1	46	25.1	<1
M355363		67	1.9	15.5	46	24.1	<1
M355364		56	5.3	12.0	2850	39.2	9
M355365		70	1.0	16.5	42	24.5	<1
M355366		73	1.6	16.8	43	26.8	<1
M355367		68	2.2	13.6	43	24.5	<1
M355368		65	4.0	14.5	166	25.3	<1
M355369							
M355370		69	2.1	13.8	44	24.6	1
M355371		59	2.9	15.0	52	22.1	<1
M355372		67	1.9	13.9	51	24.3	<1
M355373		67	1.5	15.9	104	26.4	<1
M355374		66	1.6	14.5	42	26.2	<1
M355375		57	5.2	10.5	5330	26.1	25
M355376		69	1.8	16.1	48	25.4	<1
M355377		67	2.1	17.0	83	24.5	<1
M355378		68	2.8	16.7	145	26.3	<1
M355379		70	1.8	17.9	45	26.8	<1
M355380		63	2.7	15.3	812	25.3	2
M355381		2	0.1	0.8	14	0.7	<1
M355382		69	1.9	17.9	156	23.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188884

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188885

Project: Klaza - 103

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

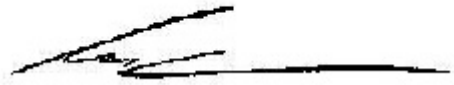
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188885

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355383		6.59	<0.005	0.12	7.11	3.6	2200	1.54	0.40	2.63	0.12	49.6	7.5	11	5.72	7.1
M355384		7.43	<0.005	0.10	7.05	4.5	2170	1.33	0.18	2.56	0.09	54.1	7.6	15	4.71	9.9
M355385		6.19	<0.005	0.07	6.86	2.3	2190	1.38	0.18	2.55	0.12	48.6	6.8	12	7.18	6.0
M355386		0.17	2.34	24.6	5.49	3220	1090	1.17	20.4	2.10	75.4	44.7	9.8	17	13.25	418
M355387		2.57	0.007	0.29	7.23	18.8	1960	1.48	0.26	2.32	1.76	54.6	6.0	10	8.91	6.4
M355388		2.94	<0.005	0.10	6.83	4.3	2110	1.42	0.11	2.59	0.15	42.6	6.8	10	7.18	7.7
M355389		2.40	0.006	0.71	7.06	19.9	2000	1.54	0.24	2.62	8.87	50.0	6.7	9	10.45	11.1
M355390		3.88	<0.005	0.03	0.06	<5	40	0.08	<0.01	20.0	0.08	1.51	0.5	<1	0.21	2.1
M355391		4.93	<0.005	0.10	7.28	3.6	2130	1.46	0.09	2.59	0.11	55.0	7.1	11	6.55	7.6
M355392		2.92	<0.005	0.10	7.66	3.2	2250	1.46	0.10	2.68	0.12	55.6	6.8	11	3.34	6.3
M355393		1.57	<0.005	0.08	7.45	3.1	2150	1.57	0.10	2.66	0.10	58.9	7.3	12	3.54	6.4
M355394		5.48	<0.005	0.07	7.11	2.1	2050	1.29	0.12	2.51	0.11	55.5	6.6	10	3.29	6.7
M355395		2.65	<0.005	0.26	7.22	5.4	2180	1.37	0.37	2.50	0.18	53.5	7.0	9	5.99	12.9
M355396		3.96	<0.005	0.12	7.08	6.0	2170	1.44	0.16	2.50	0.09	51.7	8.4	11	4.63	13.4
M355397		2.30	0.006	1.06	7.06	15.5	1940	1.42	0.43	2.70	4.76	49.2	7.2	11	7.32	12.6
M355398		2.43	<0.005	0.09	7.26	2.3	2150	1.59	0.10	2.63	0.10	53.9	7.7	10	4.11	5.8
M355399		<0.02	<0.005	0.07	7.08	3.2	2150	1.61	0.10	2.59	0.11	47.3	8.0	11	3.98	5.6
M355400		2.70	0.007	0.64	7.26	11.8	2070	1.38	0.49	2.65	5.89	54.3	6.4	9	9.71	14.3
M355401		5.48	<0.005	0.28	7.34	13.8	2270	1.57	0.32	2.68	0.43	49.0	7.2	13	5.36	12.1
M355402		0.18	2.50	25.1	5.85	3370	720	1.23	20.6	2.21	78.0	49.3	9.9	18	13.60	435
M355403		2.34	0.005	0.88	7.28	15.1	2130	1.40	1.27	2.64	1.99	56.9	7.8	11	4.79	24.3
M355404		6.12	<0.005	0.22	7.50	6.2	2260	1.54	0.14	2.54	0.59	58.4	6.8	12	4.60	10.6
M355405		4.24	0.119	8.03	7.19	446	670	1.31	2.16	0.79	53.3	56.3	7.8	10	11.35	77.1
M355406		3.56	<0.005	0.10	0.06	<5	30	0.06	0.01	21.0	0.26	1.49	0.6	<1	0.14	3.0
M355407		2.63	0.028	7.32	7.51	205	1380	1.40	0.17	1.51	26.5	57.1	5.9	11	10.85	29.1
M355408		2.90	<0.005	1.13	7.29	4.7	1990	1.59	0.12	2.53	3.47	53.4	6.6	9	9.04	11.0
M355409		2.53	0.037	7.18	7.16	96.4	1700	1.47	1.12	2.25	19.75	59.7	8.5	8	17.10	39.1
M355410		3.36	0.015	0.45	7.11	20.4	2120	1.50	0.41	2.36	1.44	53.0	7.1	11	11.90	8.5
M355411		2.81	0.017	1.00	7.02	71.5	2150	1.45	0.68	2.37	2.71	54.2	7.2	9	11.85	24.8
M355412		3.77	<0.005	0.29	7.13	5.1	2240	1.35	0.09	2.78	0.29	53.4	6.8	10	7.58	15.2
M355413		6.22	<0.005	0.12	7.14	4.1	2190	1.45	0.11	2.79	0.16	50.2	7.3	11	7.27	7.1
M355414		3.66	<0.005	0.38	6.38	8.7	3080	1.25	0.10	2.45	1.86	35.4	7.1	9	15.10	10.4
M355415		3.15	<0.005	0.10	7.77	5.4	2340	1.28	0.10	1.71	0.11	49.8	7.4	10	10.45	4.4
M355416		7.25	<0.005	0.07	7.56	2.9	2330	1.45	0.07	2.62	0.09	50.4	6.8	11	6.16	4.8
M355417		5.40	<0.005	0.12	7.34	6.3	2060	1.81	0.15	2.66	0.54	45.3	7.5	12	5.53	9.0
M355418		2.52	<0.005	0.02	7.40	3.5	2010	1.82	0.06	2.53	0.13	46.6	7.7	13	4.15	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355383		2.96	16.05	0.11	0.9	0.039	2.48	22.7	11.9	0.80	663	0.67	2.22	8.0	3.3	590
M355384		2.92	16.40	0.12	1.0	0.047	2.50	25.3	11.3	0.82	620	0.70	2.23	8.2	3.2	590
M355385		2.84	15.80	0.13	1.0	0.037	2.46	21.9	13.1	0.79	643	0.58	2.18	7.8	3.1	570
M355386		6.16	13.55	0.11	0.9	1.535	2.47	23.4	21.3	0.85	1760	11.90	0.04	5.6	15.6	420
M355387		3.23	15.30	0.11	1.0	0.129	2.67	26.2	12.3	0.74	1270	0.71	1.81	7.5	3.0	580
M355388		2.87	15.55	0.09	1.1	0.033	2.44	17.8	14.7	0.73	657	0.65	2.24	7.8	2.9	590
M355389		3.48	15.40	0.09	0.9	0.219	2.62	22.9	11.8	0.81	1910	0.66	1.60	7.4	3.0	560
M355390		0.47	0.27	0.08	<0.1	0.007	0.03	0.7	1.0	12.20	207	0.11	0.01	0.2	1.2	180
M355391		2.89	15.40	0.13	1.0	0.035	2.48	25.4	14.9	0.82	670	0.60	2.26	7.6	4.5	570
M355392		2.99	15.95	0.09	1.1	0.034	2.62	26.6	14.2	0.83	681	0.72	2.39	7.8	3.2	600
M355393		2.90	17.00	0.13	1.0	0.033	2.50	29.0	15.0	0.80	656	0.64	2.34	8.4	3.2	590
M355394		2.82	15.25	0.11	0.9	0.034	2.36	26.1	14.0	0.78	684	0.71	2.23	7.6	3.1	580
M355395		2.88	15.30	0.12	0.9	0.049	2.57	26.5	12.6	0.79	904	0.69	1.98	7.4	2.9	560
M355396		2.89	16.15	0.13	1.1	0.033	2.50	23.1	13.4	0.80	707	0.55	2.23	7.8	3.0	580
M355397		3.45	15.95	0.14	1.0	0.089	2.82	21.2	14.4	0.83	1370	0.60	1.60	8.5	3.4	650
M355398		2.97	16.75	0.10	1.2	0.038	2.56	23.7	13.5	0.80	645	0.66	2.34	8.7	3.2	600
M355399		2.96	16.90	0.11	1.1	0.039	2.50	21.3	13.3	0.80	644	0.59	2.30	8.6	3.1	620
M355400		3.30	15.60	0.12	1.0	0.200	2.76	27.3	13.4	0.76	1850	0.60	1.64	7.5	2.8	580
M355401		3.11	16.60	0.11	1.1	0.058	2.64	21.7	12.7	0.81	969	0.69	2.17	8.3	3.3	610
M355402		6.55	13.60	0.09	0.9	1.595	2.58	24.0	21.8	0.90	1860	12.20	0.04	5.7	16.0	450
M355403		3.06	16.40	0.11	1.2	0.107	2.67	25.3	11.9	0.83	917	0.79	1.99	8.1	3.1	600
M355404		3.17	16.15	0.09	1.1	0.061	2.66	24.9	12.2	0.83	883	0.79	2.21	8.2	2.9	600
M355405		6.96	15.65	0.10	1.0	1.480	3.20	29.7	16.5	0.72	2710	1.29	0.05	7.5	2.9	560
M355406		0.48	0.21	0.10	<0.1	0.013	0.02	0.7	1.0	12.85	204	0.10	0.01	0.1	1.3	200
M355407		4.54	15.20	0.13	1.1	0.531	2.95	29.2	16.3	0.80	1960	1.06	0.96	7.5	2.7	570
M355408		3.05	16.20	0.11	1.1	0.151	2.60	24.8	14.5	0.76	946	0.81	2.03	8.0	2.7	590
M355409		4.76	14.75	0.12	1.1	0.703	2.98	31.4	15.1	1.02	2270	1.51	0.11	7.7	2.8	590
M355410		3.27	16.15	0.12	1.1	0.345	2.86	23.9	16.7	0.78	1220	0.97	1.25	8.1	3.1	600
M355411		3.45	15.50	0.14	1.1	0.231	2.96	26.3	13.0	0.72	1660	0.71	1.20	7.6	2.8	570
M355412		2.97	15.65	0.12	1.1	0.044	2.59	23.5	11.3	0.77	1040	0.60	2.03	8.0	3.1	610
M355413		3.12	15.75	0.10	1.1	0.043	2.50	22.2	13.7	0.80	751	0.61	2.27	8.5	3.0	630
M355414		3.01	16.10	0.08	1.0	0.071	2.51	15.0	22.1	0.54	947	0.64	0.38	8.2	3.1	630
M355415		2.71	17.80	0.11	1.1	0.047	2.87	22.9	24.5	0.33	447	0.67	0.60	8.3	3.0	640
M355416		3.02	15.55	0.09	1.1	0.035	2.62	23.0	14.0	0.83	615	0.63	2.35	7.9	2.8	640
M355417		3.07	16.25	0.10	1.4	0.039	2.58	24.2	16.4	0.82	658	0.79	2.27	9.0	3.4	590
M355418		2.93	16.35	0.11	1.2	0.037	2.52	25.1	15.3	0.81	583	0.77	2.32	8.6	3.2	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355383		18.9	109.5	0.003	0.01	0.92	10.8	1	1.6	391	0.64	<0.05	11.6	0.249	1.00	3.6
M355384		18.1	111.5	0.002	0.02	0.92	10.6	1	1.6	391	0.66	<0.05	14.3	0.251	1.05	4.1
M355385		18.4	107.5	0.003	0.01	0.79	9.9	<1	1.5	374	0.66	<0.05	12.7	0.245	0.97	4.0
M355386		2640	172.5	0.004	4.60	84.7	8.2	1	7.5	90.1	0.45	0.34	11.2	0.170	2.38	5.3
M355387		90.7	131.0	0.002	0.18	1.76	10.4	1	1.8	318	0.67	<0.05	15.8	0.241	1.37	5.6
M355388		20.2	100.0	0.003	0.01	1.02	9.7	1	1.6	376	0.67	<0.05	12.0	0.249	0.98	4.0
M355389		162.0	127.5	0.005	0.30	3.04	9.7	1	2.5	304	0.63	<0.05	13.4	0.239	1.45	4.8
M355390		2.6	1.8	0.003	0.01	<0.05	0.2	<1	0.2	44.9	<0.05	<0.05	0.2	<0.005	0.03	0.6
M355391		19.5	113.5	0.003	0.01	0.75	10.3	2	1.6	390	0.68	<0.05	15.3	0.245	0.94	4.4
M355392		18.2	110.5	<0.002	0.01	0.67	10.7	1	1.6	409	0.64	<0.05	14.5	0.259	0.93	4.4
M355393		17.3	117.5	0.003	0.01	0.66	11.2	1	1.8	398	0.64	<0.05	14.9	0.252	0.97	4.4
M355394		17.7	105.0	0.005	0.01	0.56	10.2	1	1.6	381	0.62	<0.05	13.7	0.241	0.88	4.6
M355395		35.7	121.0	0.002	0.16	1.14	10.3	1	1.6	346	0.57	<0.05	14.5	0.238	1.17	4.1
M355396		17.8	105.0	0.003	0.12	0.82	10.2	<1	1.8	393	0.62	<0.05	13.2	0.246	1.02	4.4
M355397		163.5	122.5	0.002	0.33	2.42	11.4	1	2.1	289	0.70	<0.05	12.5	0.269	1.66	4.2
M355398		18.4	106.0	0.002	0.02	0.72	10.8	1	1.6	384	0.76	<0.05	14.6	0.254	0.99	6.2
M355399		18.1	107.0	<0.002	0.02	0.68	10.6	1	1.5	379	0.72	<0.05	13.5	0.253	0.96	5.1
M355400		97.9	139.5	0.002	0.32	1.70	10.3	1	1.9	303	0.67	<0.05	15.6	0.240	1.50	4.9
M355401		34.4	116.5	0.003	0.10	1.37	10.7	1	1.6	377	0.70	<0.05	13.1	0.256	1.14	4.3
M355402		2800	179.5	0.002	4.90	87.6	8.1	1	7.6	92.3	0.48	0.40	11.4	0.177	2.49	5.4
M355403		51.4	128.5	0.002	0.22	1.41	10.5	1	1.6	339	0.73	<0.05	14.4	0.249	1.29	4.7
M355404		31.6	115.5	<0.002	0.04	1.28	10.4	1	1.7	382	0.72	<0.05	14.5	0.258	1.14	4.9
M355405		1300	210	0.002	3.79	11.20	10.3	1	5.0	48.2	0.62	0.29	15.3	0.230	3.04	5.5
M355406		6.6	1.8	0.003	0.01	0.05	0.2	<1	0.2	52.9	<0.05	<0.05	0.2	<0.005	0.03	0.9
M355407		1950	181.5	0.002	1.24	5.58	10.3	1	2.9	184.5	0.68	<0.05	17.2	0.237	2.20	5.2
M355408		344	129.0	0.004	0.05	1.66	10.5	1	1.8	352	0.72	<0.05	14.9	0.247	1.23	4.4
M355409		1930	186.0	0.004	1.51	8.70	10.5	1	3.3	99.8	0.76	0.40	16.1	0.232	2.48	5.2
M355410		55.0	138.0	0.003	0.29	3.81	10.9	1	2.1	253	0.78	<0.05	14.6	0.249	1.60	4.9
M355411		144.0	152.5	0.003	0.68	4.25	10.0	1	2.1	250	0.70	<0.05	15.5	0.236	1.95	5.1
M355412		30.6	116.5	0.002	0.08	1.25	10.5	2	1.5	379	0.68	<0.05	14.1	0.253	1.14	4.0
M355413		20.7	108.5	<0.002	0.03	1.04	10.7	1	1.6	393	0.76	<0.05	13.4	0.273	1.03	4.1
M355414		145.5	99.3	0.002	0.12	8.09	9.6	1	1.6	150.5	0.66	<0.05	8.5	0.266	1.28	3.9
M355415		19.2	130.0	0.002	0.05	11.05	11.1	1	1.6	179.5	0.70	<0.05	12.9	0.270	1.21	4.2
M355416		16.8	111.5	0.003	0.01	1.24	10.4	1	1.5	424	0.67	<0.05	12.6	0.262	0.95	3.8
M355417		35.6	96.4	<0.002	0.05	2.32	10.8	1	1.6	380	0.90	<0.05	14.3	0.254	0.94	5.1
M355418		18.8	94.6	<0.002	<0.01	1.13	10.8	1	1.6	397	0.83	<0.05	13.7	0.252	0.85	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188885

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355383		68	0.9	16.6	49	22.1
M355384		68	0.7	16.4	45	23.1
M355385		65	0.6	15.5	48	21.2
M355386		52	5.1	9.1	5210	24.8
M355387		64	1.1	16.1	177	22.9
M355388		68	0.7	14.9	52	24.0
M355389		64	1.4	14.3	713	20.3
M355390		2	0.5	0.8	17	<0.5
M355391		66	0.7	16.4	52	21.5
M355392		70	0.6	16.6	55	23.4
M355393		67	0.6	17.7	52	25.9
M355394		64	0.6	16.2	57	21.2
M355395		64	1.4	15.8	59	21.0
M355396		66	0.6	15.8	49	25.1
M355397		75	2.0	16.4	624	24.4
M355398		69	0.5	17.5	50	26.6
M355399		68	0.5	16.8	50	26.0
M355400		65	1.6	15.0	518	22.8
M355401		68	1.2	16.1	78	25.0
M355402		56	5.2	9.7	5450	23.5
M355403		67	1.7	16.5	243	25.9
M355404		69	1.7	16.3	98	24.1
M355405		62	5.3	9.6	5070	23.4
M355406		1	0.1	0.8	23	0.5
M355407		59	3.5	12.8	2610	23.5
M355408		67	1.5	15.9	375	25.2
M355409		62	4.0	12.6	2110	23.5
M355410		70	2.9	16.5	186	25.5
M355411		64	2.3	13.7	284	24.1
M355412		69	0.9	16.0	70	24.1
M355413		75	0.8	16.8	61	24.7
M355414		75	5.0	12.9	230	23.4
M355415		72	6.2	13.6	48	25.6
M355416		71	1.3	16.6	45	24.5
M355417		71	1.2	18.5	86	30.8
M355418		69	1.7	18.1	43	28.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188885

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188886

Project: Klaza - 103

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188886

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355419		8.62	<0.005	0.10	7.52	3.0	2090	1.67	0.07	2.75	0.12	48.1	7.5	11	4.19	5.4
M355420		8.49	<0.005	0.12	7.13	5.8	1950	1.78	0.12	2.47	0.18	48.7	6.9	12	3.61	5.1
M355421		7.53	<0.005	0.07	7.30	2.6	1990	1.67	0.07	2.53	0.14	47.7	7.0	13	4.19	5.9
M355422		<0.02	<0.005	0.07	7.37	2.7	2030	1.63	0.07	2.54	0.11	48.2	7.2	13	4.26	5.6
M355423		7.05	<0.005	0.09	7.41	3.0	2180	1.54	0.08	2.45	0.16	46.9	7.4	10	5.79	6.6
M355424		7.12	<0.005	0.14	7.24	3.4	2120	1.57	0.10	2.60	0.56	43.7	7.8	11	6.30	5.9
M355425		6.79	<0.005	0.08	7.45	1.8	1990	1.66	0.11	2.72	0.10	53.0	8.2	22	6.04	6.6
M355426		3.75	<0.005	0.10	7.38	1.7	1920	1.59	0.11	2.59	0.11	48.0	7.8	12	7.58	6.1
M355427		2.06	<0.005	0.18	6.77	4.2	1810	1.49	0.14	3.18	0.50	33.5	6.5	9	10.55	6.1
M355428		0.22	4.54	>100	5.13	7000	270	1.09	56.4	1.87	220	30.6	9.0	16	10.60	1265
M355429		4.35	<0.005	0.14	7.25	4.5	2190	1.62	0.17	2.57	0.22	35.9	7.6	12	8.39	7.3
M355430		3.11	<0.005	0.20	7.29	5.9	2010	1.59	0.15	2.61	0.22	41.0	7.7	10	10.45	14.4
M355431		2.16	0.100	6.13	6.11	158.0	1040	1.30	0.54	3.16	71.7	33.9	6.5	7	16.40	101.5
M355432		3.72	<0.005	0.03	0.06	<5	20	<0.05	0.02	19.90	0.16	1.11	1.0	<1	0.14	1.5
M355433		2.13	0.007	1.04	7.10	25.1	1910	1.64	0.25	2.65	4.30	38.5	7.4	9	12.50	24.1
M355434		6.02	<0.005	0.47	7.27	7.0	2080	1.57	0.31	2.68	0.72	39.4	7.4	10	8.13	24.2
M355435		2.73	<0.005	0.59	7.33	11.5	1740	1.53	0.26	2.49	8.63	38.8	6.9	9	14.60	18.8
M355436		5.75	0.019	6.97	7.05	57.4	1920	1.56	0.94	2.36	14.45	40.2	5.8	10	14.90	83.0
M355437		2.79	<0.005	0.06	0.20	5	40	0.08	0.07	19.70	0.11	1.50	1.4	<1	0.82	2.0
M355438		2.64	<0.005	0.36	7.39	11.2	2070	1.60	0.37	2.07	0.44	38.3	7.1	9	11.50	15.6
M355439		4.88	<0.005	0.09	7.41	3.2	2060	1.62	0.13	2.46	0.12	41.4	6.4	10	8.94	5.6
M355440		2.48	<0.005	0.10	7.62	5.0	2460	1.12	0.11	1.16	0.24	45.2	6.5	9	10.10	5.7
M355441		6.42	<0.005	0.12	7.86	7.5	1670	1.34	0.13	0.78	0.21	47.1	7.4	10	12.50	10.3
M355442		2.72	<0.005	0.36	7.19	16.1	1240	1.33	0.31	1.48	0.65	42.8	8.6	8	12.20	15.6
M355443		0.19	4.46	>100	5.27	7110	940	1.16	55.9	1.87	218	33.7	8.5	16	10.75	1250
M355444		2.78	<0.005	0.35	6.84	14.7	1050	1.36	0.17	1.89	0.40	36.0	6.2	7	14.15	13.3
M355445		2.64	0.079	0.69	6.54	43.0	1060	1.50	0.11	3.78	1.65	40.6	7.7	7	18.00	34.6
M355446		2.86	0.106	1.31	5.76	53.3	1270	1.40	0.33	3.94	7.76	40.2	6.4	7	19.90	43.6
M355447		4.17	<0.005	0.33	7.21	11.3	1820	1.58	0.14	2.50	0.27	43.2	6.3	10	16.05	28.5
M355448		3.00	0.256	2.70	7.23	871	1160	1.52	2.36	1.70	10.70	51.6	6.5	8	15.05	45.0
M355449		6.27	<0.005	0.13	6.96	4.3	2170	1.63	0.19	2.52	0.09	43.1	7.0	11	7.43	7.5
M355450		7.33	<0.005	0.08	6.90	5.3	2160	1.49	0.13	2.60	0.11	41.5	7.8	12	5.77	5.7
M355451		6.98	<0.005	0.09	7.07	2.3	2140	1.48	0.14	2.68	0.10	45.8	8.4	12	4.57	5.8
M355452		3.78	<0.005	0.05	7.12	3.6	2230	1.60	0.14	2.79	0.10	42.4	8.2	11	4.53	5.6
M355453		7.11	<0.005	0.06	7.08	4.1	2210	1.51	0.12	2.53	0.09	48.6	7.3	12	3.54	5.0
M355460		2.52	<0.005	0.25	6.96	6.7	1940	1.30	0.31	1.88	0.33	33.9	7.2	9	11.20	22.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355419		2.94	16.20	0.13	1.2	0.037	2.49	22.9	14.0	0.88	705	0.82	2.34	8.6	2.9	610
M355420		2.76	15.85	0.13	1.3	0.042	2.44	23.6	11.0	0.80	625	0.79	2.18	8.1	2.9	540
M355421		2.81	15.95	0.13	1.2	0.036	2.36	23.5	11.6	0.85	615	0.78	2.23	8.0	3.0	570
M355422		2.90	15.70	0.13	1.2	0.036	2.40	23.3	11.8	0.86	627	0.72	2.27	8.0	3.0	570
M355423		2.89	16.00	0.13	0.9	0.043	2.55	22.3	14.2	0.88	659	0.85	2.21	7.5	2.9	580
M355424		2.89	16.20	0.13	1.2	0.045	2.57	20.3	14.3	0.77	639	0.63	2.20	7.7	3.0	580
M355425		3.02	16.30	0.14	1.2	0.042	2.40	25.7	18.0	1.01	764	0.64	2.32	8.4	6.4	640
M355426		2.98	16.40	0.14	1.1	0.040	2.41	22.7	20.6	0.89	655	0.68	2.29	8.0	2.9	610
M355427		2.65	15.20	0.13	1.0	0.034	2.42	14.8	17.6	0.70	730	0.73	1.48	7.1	2.6	530
M355428		7.66	12.85	0.17	1.1	4.67	2.17	14.4	30.7	0.61	3040	15.85	0.08	5.5	13.6	440
M355429		2.93	15.90	0.13	1.1	0.037	2.61	16.0	17.3	0.73	622	0.63	2.16	7.5	3.0	560
M355430		2.91	16.40	0.13	1.2	0.046	2.62	18.7	16.8	0.73	914	0.70	1.49	8.3	2.8	610
M355431		5.40	13.45	0.15	0.9	0.292	2.46	16.6	22.9	1.19	3010	0.71	0.19	6.3	2.5	480
M355432		0.43	0.23	0.05	<0.1	<0.005	0.02	0.5	1.0	12.50	193	0.13	0.01	0.2	1.7	180
M355433		3.11	15.70	0.15	1.0	0.127	3.00	17.4	19.3	0.69	1240	0.69	1.21	7.4	2.8	570
M355434		2.86	15.65	0.13	1.1	0.043	2.67	18.0	13.6	0.74	707	0.65	1.97	7.5	3.0	570
M355435		3.57	15.55	0.14	1.1	0.249	2.71	18.2	30.7	0.80	1320	0.70	1.01	7.6	2.9	570
M355436		3.94	15.20	0.14	1.0	0.161	2.69	19.5	25.5	0.85	1760	0.74	0.84	7.2	2.6	540
M355437		0.50	0.55	0.05	<0.1	0.006	0.05	0.7	1.5	12.00	218	0.10	0.03	0.4	2.5	170
M355438		3.14	15.55	0.14	1.2	0.094	2.86	17.2	18.0	0.60	772	0.75	1.56	7.7	2.7	580
M355439		2.99	15.75	0.13	1.2	0.041	2.55	19.1	14.9	0.76	611	0.68	2.13	7.6	2.7	580
M355440		2.63	16.25	0.12	1.2	0.043	2.68	21.2	23.5	0.43	561	0.68	0.17	8.5	2.5	630
M355441		2.82	17.45	0.14	1.3	0.039	2.33	22.8	35.8	0.38	742	1.04	0.08	8.6	2.4	620
M355442		3.08	16.00	0.13	1.3	0.037	2.40	19.6	33.1	0.57	1040	0.66	0.07	8.6	3.9	590
M355443		7.55	12.50	0.18	1.1	4.58	2.15	16.7	31.0	0.61	3050	15.30	0.08	5.2	13.3	430
M355444		2.83	16.00	0.11	1.3	0.042	2.32	16.2	32.4	0.61	1000	0.69	0.06	8.2	2.7	560
M355445		2.81	14.20	0.12	0.8	0.058	2.47	20.3	35.4	0.88	1500	0.70	0.07	6.7	3.7	510
M355446		3.33	12.55	0.13	0.9	0.086	2.25	20.7	22.2	1.16	1900	0.82	0.04	5.9	2.6	440
M355447		2.74	16.40	0.13	1.1	0.049	2.65	19.7	44.0	0.70	687	0.85	1.30	7.8	2.6	590
M355448		3.40	16.05	0.15	1.0	0.154	3.03	27.3	31.7	0.69	1180	0.79	0.08	7.2	2.4	530
M355449		2.79	16.15	0.13	1.0	0.038	2.42	20.5	13.3	0.79	621	0.95	2.17	8.1	3.5	580
M355450		2.95	16.30	0.13	1.0	0.037	2.46	18.5	16.3	0.87	629	0.84	2.29	8.3	3.4	590
M355451		3.08	16.70	0.13	1.0	0.036	2.30	20.8	15.7	0.94	714	0.63	2.33	8.5	3.3	630
M355452		3.14	16.20	0.12	1.1	0.037	2.37	18.3	16.0	0.96	731	0.57	2.34	7.9	3.2	600
M355453		2.83	15.70	0.14	1.0	0.040	2.40	23.1	12.7	0.84	590	0.57	2.23	7.8	3.2	580
M355460		3.42	15.65	0.12	1.0	0.078	2.78	14.9	18.7	0.67	1130	0.53	0.43	7.7	2.9	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355419		17.4	106.5	<0.002	0.01	1.00	10.9	1	1.6	393	0.83	<0.05	13.7	0.263	0.90	5.1
M355420		20.9	107.5	<0.002	0.04	1.10	10.3	1	1.5	367	0.86	<0.05	14.1	0.240	0.90	6.2
M355421		16.3	98.7	<0.002	0.01	0.91	10.2	1	1.5	391	0.74	<0.05	13.0	0.251	0.87	4.7
M355422		16.5	99.0	<0.002	0.01	0.94	10.5	1	1.6	397	0.77	<0.05	13.1	0.254	0.88	4.4
M355423		17.7	103.0	<0.002	0.01	0.90	10.5	1	1.5	383	0.64	<0.05	13.1	0.251	0.96	4.2
M355424		37.1	101.5	<0.002	0.03	0.99	10.4	1	1.5	377	0.66	<0.05	11.6	0.252	0.94	3.7
M355425		14.6	105.0	<0.002	0.01	0.61	11.9	1	1.6	398	0.70	<0.05	13.4	0.270	0.86	4.2
M355426		18.1	103.0	<0.002	<0.01	0.66	11.3	1	1.6	395	0.69	<0.05	14.6	0.264	0.92	4.5
M355427		56.9	88.6	<0.002	0.05	3.51	8.8	1	1.5	295	0.59	<0.05	10.3	0.235	1.08	3.6
M355428		9320	129.0	<0.002	6.97	215	7.1	2	8.6	115.0	0.43	0.50	7.7	0.178	2.11	4.7
M355429		18.9	108.5	<0.002	0.01	1.43	11.0	1	1.6	388	0.61	<0.05	10.3	0.251	0.93	3.5
M355430		26.4	114.0	<0.002	0.08	3.70	11.3	2	1.7	287	0.69	<0.05	12.6	0.258	1.23	4.2
M355431		1120	142.5	<0.002	2.23	13.30	9.5	2	3.9	106.5	0.54	<0.05	10.1	0.204	1.83	3.7
M355432		3.0	1.2	<0.002	<0.01	0.06	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M355433		259	136.5	<0.002	0.23	3.87	10.1	1	1.6	259	0.58	<0.05	10.8	0.245	1.66	3.5
M355434		59.2	110.5	<0.002	0.15	1.60	10.5	1	1.5	356	0.60	0.05	11.3	0.251	1.14	3.7
M355435		57.6	121.0	<0.002	0.16	4.19	10.8	1	2.0	242	0.65	<0.05	11.9	0.258	1.52	3.9
M355436		2940	137.0	<0.002	0.48	15.80	10.4	1	2.6	202	0.56	<0.05	11.6	0.238	1.70	3.7
M355437		6.3	3.8	<0.002	<0.01	0.08	0.4	1	<0.2	48.7	<0.05	<0.05	0.2	0.012	0.02	0.7
M355438		39.3	123.5	<0.002	0.30	5.26	10.7	1	1.9	282	0.65	0.18	11.6	0.256	1.27	3.3
M355439		16.0	107.5	<0.002	0.03	2.23	10.4	1	1.5	367	0.66	<0.05	13.0	0.251	1.06	4.1
M355440		16.9	112.0	<0.002	0.07	13.55	10.7	1	1.6	105.5	0.75	<0.05	14.1	0.269	1.11	2.3
M355441		14.8	109.0	<0.002	0.11	16.60	11.6	1	1.6	69.5	0.76	<0.05	15.0	0.272	1.02	2.6
M355442		31.0	94.8	<0.002	0.25	13.15	11.0	1	1.7	80.1	0.81	<0.05	12.9	0.255	1.20	2.7
M355443		9240	131.5	<0.002	6.95	212	7.1	3	8.6	115.5	0.43	0.51	8.3	0.176	2.08	4.8
M355444		35.0	86.4	<0.002	0.16	12.85	10.0	1	1.8	73.1	0.86	<0.05	11.1	0.244	1.37	3.2
M355445		57.6	119.0	<0.002	0.31	9.74	9.6	1	7.3	107.5	0.54	<0.05	10.9	0.222	2.01	3.6
M355446		257	123.0	<0.002	0.46	17.25	9.0	1	7.8	123.5	0.51	<0.05	10.5	0.193	2.09	7.2
M355447		18.6	105.0	<0.002	0.06	10.40	10.6	1	2.4	282	0.65	<0.05	11.7	0.253	1.35	3.7
M355448		561	174.5	<0.002	1.33	14.65	10.3	1	5.7	104.0	0.63	0.10	13.7	0.230	2.11	4.3
M355449		17.3	97.6	<0.002	0.01	1.40	10.3	1	1.9	391	0.76	<0.05	13.7	0.249	1.03	4.7
M355450		17.5	85.9	<0.002	0.01	1.37	10.3	1	1.8	393	0.72	0.05	11.4	0.253	0.93	3.7
M355451		15.8	82.7	<0.002	<0.01	0.96	11.7	1	1.7	385	0.73	<0.05	12.1	0.265	0.91	4.4
M355452		15.9	76.7	<0.002	<0.01	0.91	11.2	1	1.6	395	0.66	0.06	11.2	0.263	0.82	6.5
M355453		15.9	91.7	<0.002	0.01	0.98	10.2	1	1.4	384	0.65	<0.05	13.5	0.248	0.94	4.3
M355460		23.7	97.6	<0.002	0.10	7.47	10.1	1	1.7	123.0	0.61	<0.05	11.7	0.247	1.49	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188886

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M355419		73	1.6	18.9	47	26.0		
M355420		65	1.5	17.8	48	26.5		
M355421		69	1.2	16.9	42	27.9		
M355422		69	1.6	17.1	41	25.5		
M355423		70	1.8	16.8	44	21.3		
M355424		69	1.5	16.3	79	26.7		
M355425		76	1.1	18.7	49	27.5		
M355426		73	0.9	17.8	45	26.2		
M355427		63	1.9	14.1	80	24.2		
M355428		51	4.6	8.9	>10000	32.5	116	1.585
M355429		69	1.9	16.4	61	24.9		
M355430		71	3.1	17.2	57	28.7		
M355431		58	4.0	13.7	5720	20.9		
M355432		2	0.1	0.8	24	<0.5		
M355433		67	2.6	14.6	440	23.4		
M355434		67	1.6	15.1	98	27.3		
M355435		72	2.1	15.1	671	25.3		
M355436		66	4.5	14.2	1160	24.2		
M355437		3	0.1	1.1	20	1.4		
M355438		68	2.5	14.7	70	26.8		
M355439		68	2.2	16.7	41	28.1		
M355440		72	8.6	16.1	51	28.3		
M355441		71	15.5	16.5	53	28.7		
M355442		70	13.1	16.6	87	29.6		
M355443		51	4.5	9.1	>10000	30.0	116	1.570
M355444		70	9.3	14.8	76	27.1		
M355445		63	4.3	14.9	184	20.5		
M355446		56	4.0	13.3	669	19.5		
M355447		70	1.2	15.5	52	24.9		
M355448		63	3.9	13.1	785	23.4		
M355449		69	1.1	16.5	40	24.8		
M355450		72	0.8	15.6	41	24.8		
M355451		80	1.1	17.3	42	26.5		
M355452		79	1.2	16.4	43	24.1		
M355453		69	0.7	16.2	37	24.5		
M355460		72	3.9	15.7	73	26.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188886

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188887

Project: Klaza - 103

P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

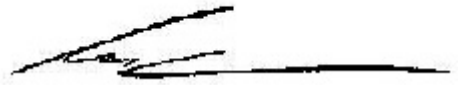
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188887

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355454		7.87	<0.005	0.02	7.23	3.5	2070	1.77	0.11	2.65	0.12	44.0	7.6	14	5.41	5.5
M355455		6.87	<0.005	0.02	7.49	2.2	2130	1.73	0.09	2.65	0.09	45.7	8.1	13	3.92	5.9
M355456		<0.02	<0.005	0.01	7.37	2.1	2150	1.72	0.08	2.68	0.09	44.8	7.9	14	3.81	5.6
M355457		2.69	0.013	0.48	7.13	25.3	1960	1.68	0.47	2.48	1.01	43.0	7.8	12	13.55	12.1
M355458		2.48	<0.005	0.01	0.07	<5	20	0.07	<0.01	20.3	0.07	2.01	1.0	1	0.31	2.0
M355459		5.85	<0.005	0.03	7.01	3.4	2100	1.58	0.11	2.57	0.11	45.6	7.0	12	6.44	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355454		3.03	16.20	0.11	1.2	0.040	2.53	23.7	14.8	0.80	621	0.80	2.19	8.5	3.2	590
M355455		3.04	16.25	0.11	1.2	0.036	2.56	24.9	14.4	0.84	609	0.58	2.33	8.5	3.3	600
M355456		3.07	16.35	0.12	1.2	0.041	2.54	24.4	14.2	0.83	609	0.73	2.31	8.4	3.3	600
M355457		3.47	15.25	0.11	1.1	0.102	2.97	22.9	11.6	0.72	1080	0.56	1.32	7.9	3.1	580
M355458		0.47	0.23	0.05	<0.1	0.005	0.03	0.9	1.1	12.10	209	0.11	0.01	0.2	2.0	200
M355459		2.93	15.50	0.09	1.1	0.042	2.54	24.0	11.9	0.76	569	0.60	2.22	8.1	2.8	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355454		18.3	93.9	<0.002	0.01	1.54	10.9	1	1.6	377	0.79	<0.05	12.4	0.252	0.96	4.4
M355455		16.2	94.4	<0.002	0.01	0.79	11.3	1	1.5	399	0.82	<0.05	13.5	0.258	0.89	4.8
M355456		16.0	88.3	<0.002	0.01	0.83	11.1	1	1.5	393	0.80	<0.05	12.9	0.253	0.85	4.4
M355457		55.4	122.0	<0.002	0.45	3.52	10.4	1	2.3	277	0.72	0.12	12.0	0.241	1.51	4.1
M355458		1.5	1.8	<0.002	0.02	0.05	0.4	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M355459		16.3	89.6	<0.002	0.01	1.24	9.5	1	1.5	379	0.79	<0.05	11.7	0.242	0.87	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188887

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M355454		70	0.9	17.1	41	27.5	<1
M355455		72	0.6	18.2	39	26.4	<1
M355456		73	0.7	17.8	39	27.9	<1
M355457		68	2.5	15.3	121	27.1	<1
M355458		3	0.1	1.4	15	<0.5	<1
M355459		67	0.8	16.7	39	26.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12188887

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

CERTIFICATE WH12188888

Project: Klaza - 105

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12188888

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814403		3.46	<0.005	0.12	7.32	6.5	2360	1.55	0.13	2.48	1.70	53.1	7.9	10	6.97	3.0
N814404		3.35	0.213	12.40	7.14	704	2250	1.71	0.72	0.30	44.2	54.2	22.5	9	23.5	40.7
N814405		4.87	0.248	10.30	7.52	505	2210	1.31	1.02	0.65	11.95	51.4	6.9	8	17.30	31.7
N814406		2.51	<0.005	0.04	0.07	<5	30	0.07	0.04	20.4	0.17	1.12	0.6	<1	0.19	1.9
N814407		6.35	0.011	0.60	7.34	18.3	2190	1.50	0.19	2.18	1.76	50.0	7.9	11	8.73	7.6
N814408		2.53	0.005	1.29	6.02	67.5	1740	1.31	0.12	3.42	2.24	33.1	8.3	7	24.6	13.0
N814409		3.74	0.012	2.89	6.46	78.8	1940	1.37	0.24	2.05	4.73	35.4	9.1	8	24.5	56.3
N814410		3.63	0.102	10.05	7.41	1255	1610	1.60	2.96	0.84	20.4	55.8	8.1	8	22.5	50.4
N814411		5.85	0.005	0.67	7.44	260	1630	1.51	0.73	1.70	10.20	53.2	11.9	9	8.20	21.1
N814412		4.74	0.005	0.37	7.61	722	2280	1.35	0.38	1.05	20.8	49.8	8.0	9	10.95	19.7
N814413		3.52	0.551	11.75	7.17	1765	1780	1.45	4.10	0.77	26.4	46.6	5.6	9	8.61	79.5
N814414		4.45	0.305	9.41	6.99	2720	1170	1.54	4.16	0.27	84.2	54.3	13.3	10	21.7	100.5
N814415		0.23	0.786	10.30	6.40	1755	1500	1.40	6.43	1.85	41.4	45.3	16.6	19	15.70	106.0
N814416		5.18	<0.005	0.32	7.00	54.0	2050	1.43	0.27	2.98	0.67	44.2	8.6	14	6.42	5.5
N814417		2.07	0.008	0.31	7.15	23.7	2040	1.54	0.73	2.99	0.24	45.9	8.3	10	8.00	7.5
N814418		10.72	<0.005	0.11	7.32	8.4	2120	1.52	0.10	2.75	0.36	47.4	8.2	12	6.10	4.0
N814419		8.14	0.005	0.08	7.37	5.6	2180	1.45	0.09	2.63	0.10	53.5	8.2	11	7.65	3.7
N814420		2.85	<0.005	0.06	7.60	6.5	1900	1.37	0.12	1.82	0.09	44.8	7.6	10	11.30	3.1
N814421		1.42	<0.005	0.07	7.45	7.3	1850	1.40	0.13	1.84	0.11	45.7	7.6	10	11.30	3.0
N814422		3.90	<0.005	0.08	6.45	16.1	2370	1.31	0.10	4.01	0.14	40.8	7.6	7	21.0	4.5
N814423		6.55	<0.005	0.07	6.94	5.9	2270	1.40	0.11	2.76	0.09	42.0	7.2	11	7.19	4.3
N814424		3.81	0.008	0.31	7.03	30.2	2450	1.38	1.23	3.34	0.12	44.4	14.1	10	9.02	49.0
N814425		0.24	0.796	10.05	6.39	1740	1430	1.32	6.30	1.86	40.7	43.3	16.6	18	15.60	105.0
N814426		4.05	<0.005	0.27	6.71	6.3	2110	1.55	0.13	2.61	0.12	40.4	8.3	12	8.79	12.5
N814427		2.94	<0.005	0.12	6.78	9.0	2100	1.35	0.13	2.85	0.10	43.4	7.9	12	11.90	7.5
N814428		2.85	0.005	0.45	6.50	53.8	2070	1.38	0.51	3.62	0.23	43.2	15.0	9	16.95	46.3
N814429		2.93	<0.005	0.02	0.07	<5	20	0.06	0.04	20.3	0.06	1.33	0.7	<1	0.21	1.3
N814430		5.34	<0.005	0.06	6.94	4.6	2080	1.56	0.15	2.72	0.06	49.0	8.2	12	4.28	8.3
N814431		2.84	<0.005	0.22	7.22	14.0	2380	1.40	0.27	2.35	0.24	47.1	8.6	10	6.72	44.4
N814432		5.39	<0.005	0.06	7.05	4.3	2160	1.26	0.07	2.72	0.06	45.1	7.9	11	4.06	7.5
N814433		2.68	0.007	1.02	7.11	14.0	2150	1.38	1.25	2.78	0.11	42.3	11.7	12	9.65	434
N814434		2.75	<0.005	0.10	7.21	7.6	2050	1.25	0.14	2.82	0.08	45.4	8.6	14	8.49	12.5
N814435		<0.02	<0.005	0.08	7.20	6.3	2020	1.27	0.14	2.80	0.06	48.0	8.1	12	8.61	9.9
N814436		5.14	<0.005	0.05	7.21	4.8	2130	1.33	0.09	2.76	0.09	46.2	7.8	12	4.91	7.7
N814437		4.90	<0.005	0.09	7.06	7.4	2080	1.29	0.18	2.81	0.10	44.0	7.8	13	5.20	13.6
N814438		5.18	<0.005	0.08	7.68	8.3	2080	1.22	0.14	2.30	0.09	41.5	9.0	11	9.88	11.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12188888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814403		3.10	16.40	0.13	1.2	0.038	2.12	24.4	10.9	0.96	747	0.38	2.34	8.1	3.2	620
N814404		4.61	16.35	0.15	1.0	0.284	2.86	33.0	26.9	0.20	11000	4.10	0.37	7.3	4.8	460
N814405		3.81	16.55	0.14	1.1	0.141	2.89	27.1	30.9	0.30	2340	0.84	0.87	7.9	2.9	600
N814406		0.50	0.16	0.08	<0.1	0.008	0.02	0.5	0.9	12.80	236	0.09	0.01	0.1	1.3	160
N814407		3.09	16.55	0.12	1.1	0.044	2.45	23.2	11.8	0.83	838	0.51	2.18	8.1	3.5	640
N814408		2.94	16.35	0.13	1.0	0.043	2.64	14.3	39.6	0.37	1240	0.60	0.11	8.0	2.9	590
N814409		2.92	16.50	0.12	1.0	0.064	2.65	14.7	52.1	0.24	1520	0.79	0.07	7.9	2.9	580
N814410		4.80	16.55	0.14	1.1	0.310	2.98	29.0	22.4	0.23	1320	24.0	0.15	8.1	2.9	640
N814411		3.47	17.20	0.15	1.2	0.085	1.69	25.8	10.8	0.83	1580	1.45	2.20	8.3	3.2	630
N814412		3.54	16.25	0.11	1.1	0.062	2.06	24.5	14.6	0.46	1110	1.72	1.41	8.0	3.3	670
N814413		4.09	16.00	0.12	1.0	0.864	2.78	24.3	10.0	0.42	604	1.23	0.84	7.4	2.0	460
N814414		5.75	15.75	0.16	0.9	0.250	2.75	28.6	31.0	0.24	1560	5.99	0.15	7.1	3.1	510
N814415		5.03	14.75	0.14	1.2	0.841	2.75	20.6	22.9	0.70	1920	11.45	0.26	7.2	15.6	490
N814416		3.41	16.45	0.11	1.2	0.057	1.67	19.2	11.0	0.96	896	0.69	2.38	8.3	3.1	630
N814417		3.25	16.35	0.13	1.2	0.068	2.07	20.4	9.2	0.83	1180	0.43	1.88	8.1	3.0	600
N814418		3.13	15.90	0.13	1.3	0.036	2.39	22.1	12.7	0.93	663	0.73	2.21	8.2	3.0	620
N814419		3.01	16.50	0.16	1.2	0.034	2.45	26.5	15.7	0.97	630	0.57	2.23	8.2	3.0	620
N814420		2.90	17.15	0.13	1.2	0.042	2.57	20.2	28.3	0.53	537	0.58	0.95	8.7	2.6	640
N814421		2.88	16.95	0.13	1.3	0.041	2.53	21.7	28.4	0.53	565	0.75	0.96	8.5	2.8	650
N814422		2.81	15.00	0.13	1.2	0.035	2.05	19.1	27.1	0.77	791	0.90	0.30	7.5	2.7	560
N814423		2.95	15.25	0.12	1.2	0.036	2.49	18.9	12.7	0.85	568	1.36	2.14	7.6	2.8	610
N814424		3.06	15.55	0.13	1.0	0.090	2.57	20.7	13.2	0.88	729	1.15	1.77	8.2	2.9	610
N814425		5.04	14.45	0.14	1.2	0.832	2.74	22.4	23.1	0.70	1930	12.15	0.26	8.7	15.7	490
N814426		3.01	16.20	0.13	1.1	0.044	2.46	17.9	12.3	0.80	595	1.51	2.20	7.9	3.5	600
N814427		3.03	15.90	0.14	1.1	0.044	2.56	19.8	12.7	0.82	768	0.56	1.88	8.4	3.0	590
N814428		3.23	14.45	0.13	1.1	0.063	2.43	20.2	42.5	1.01	1120	0.67	0.63	7.3	2.9	530
N814429		0.47	0.18	0.07	<0.1	0.005	0.03	0.6	1.0	12.80	209	0.14	0.01	0.1	1.7	170
N814430		3.01	16.40	0.12	1.3	0.039	2.39	22.2	10.4	0.87	650	0.80	2.15	8.5	2.8	580
N814431		3.23	15.75	0.15	1.3	0.081	2.83	22.4	11.3	0.74	793	0.82	1.66	7.9	2.7	580
N814432		2.92	15.65	0.13	1.1	0.037	2.44	20.8	10.9	0.93	643	0.50	2.21	7.6	2.7	600
N814433		3.42	16.65	0.15	1.2	0.160	2.60	19.3	13.5	0.83	786	0.62	1.95	7.9	5.0	610
N814434		3.10	16.45	0.15	1.3	0.047	2.59	22.2	13.6	0.87	708	0.97	2.08	7.5	3.4	580
N814435		3.07	16.65	0.17	1.2	0.042	2.57	22.5	13.5	0.88	714	0.83	2.06	7.7	3.1	580
N814436		2.96	15.90	0.16	1.1	0.033	2.48	21.2	11.8	0.90	670	2.65	2.23	7.1	2.7	570
N814437		3.00	16.70	0.17	1.2	0.035	2.53	19.8	11.5	0.86	638	1.05	2.20	7.6	2.8	600
N814438		3.12	18.10	0.17	1.4	0.041	2.71	19.1	25.5	0.56	706	3.01	0.95	8.2	3.1	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12188888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814403		15.6	75.8	0.002	<0.01	1.22	12.0	1	1.4	429	0.71	<0.05	13.7	0.270	0.92	2.0
N814404		1550	146.5	<0.002	0.04	24.3	11.9	2	2.3	92.9	0.63	<0.05	14.0	0.244	2.47	8.2
N814405		882	136.0	<0.002	0.09	11.00	11.8	1	2.0	157.5	0.66	0.06	14.8	0.265	2.32	3.5
N814406		4.6	1.1	<0.002	0.01	0.09	0.2	<1	<0.2	39.2	<0.05	<0.05	0.2	<0.005	0.03	0.5
N814407		20.4	88.0	<0.002	0.01	1.63	11.5	1	1.3	372	0.63	<0.05	13.6	0.268	1.14	1.6
N814408		19.1	92.3	<0.002	0.08	12.10	9.2	1	1.4	81.7	0.65	0.05	8.8	0.255	2.14	2.7
N814409		28.6	104.0	<0.002	0.07	22.3	9.7	<1	1.5	78.6	0.63	<0.05	10.0	0.258	2.24	2.6
N814410		1040	164.5	0.002	0.15	22.9	13.2	1	3.1	100.5	0.69	1.02	14.5	0.270	2.73	5.8
N814411		25.9	80.6	<0.002	0.07	3.54	12.3	1	1.7	349	0.67	0.08	14.0	0.268	1.19	2.6
N814412		73.8	80.9	<0.002	<0.01	10.25	11.4	1	2.0	233	0.69	<0.05	14.1	0.277	1.10	3.7
N814413		1160	143.0	<0.002	0.10	51.5	10.9	1	2.6	190.5	0.60	0.20	11.9	0.251	2.00	5.7
N814414		1210	147.0	<0.002	0.37	25.4	10.8	1	2.3	46.1	0.61	0.16	14.5	0.249	2.61	11.7
N814415		1340	150.5	<0.002	3.03	33.1	8.7	1	5.7	141.5	0.63	0.26	12.0	0.206	2.48	5.3
N814416		17.6	53.9	<0.002	0.04	1.64	12.5	1	1.7	419	0.72	<0.05	11.3	0.278	0.86	2.5
N814417		23.0	78.7	<0.002	0.24	2.01	10.9	<1	1.7	350	0.69	0.05	13.4	0.265	1.23	4.5
N814418		18.8	91.9	<0.002	0.02	0.79	11.7	1	1.4	393	0.71	<0.05	13.2	0.274	0.95	3.9
N814419		15.5	93.6	<0.002	0.01	0.61	11.7	<1	1.4	407	0.66	<0.05	13.8	0.272	0.92	3.5
N814420		15.6	94.0	<0.002	0.01	8.17	11.0	1	1.4	186.5	0.74	<0.05	13.7	0.276	1.09	2.8
N814421		15.7	96.0	<0.002	0.01	9.09	11.0	1	1.5	184.0	0.73	<0.05	13.5	0.277	1.11	3.1
N814422		16.1	70.9	<0.002	0.11	11.90	9.9	<1	1.4	155.0	0.69	<0.05	12.2	0.243	1.22	4.4
N814423		15.4	86.0	<0.002	0.03	1.10	10.5	<1	1.3	393	0.63	<0.05	12.2	0.261	1.07	3.5
N814424		15.2	102.0	<0.002	0.49	2.81	10.8	1	1.4	322	0.62	<0.05	12.7	0.262	1.36	5.8
N814425		1340	149.5	<0.002	3.03	32.7	8.6	1	5.7	142.5	0.61	0.32	12.2	0.206	2.56	5.3
N814426		16.3	88.0	<0.002	0.03	1.33	10.2	<1	1.6	381	0.64	<0.05	10.6	0.256	1.03	3.2
N814427		16.0	97.4	<0.002	0.08	1.62	10.6	1	1.6	338	0.63	<0.05	11.0	0.256	1.19	3.5
N814428		21.0	96.3	<0.002	0.41	14.75	10.2	1	3.0	193.5	0.66	0.06	11.1	0.247	1.66	5.0
N814429		1.3	1.5	<0.002	<0.01	0.07	0.3	<1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814430		17.0	84.5	<0.002	0.04	0.83	11.0	1	1.5	369	0.83	<0.05	13.4	0.251	0.87	4.3
N814431		18.1	113.0	<0.002	0.11	3.36	10.3	1	1.6	289	0.78	<0.05	14.3	0.257	1.24	4.6
N814432		14.9	81.7	<0.002	0.02	0.68	11.0	1	1.6	391	0.67	<0.05	12.6	0.258	0.82	4.1
N814433		18.1	92.2	<0.002	0.25	4.51	10.5	1	1.6	328	0.66	<0.05	10.6	0.280	1.14	4.1
N814434		14.4	96.9	<0.002	0.07	1.91	10.2	2	1.4	342	0.67	<0.05	12.8	0.270	1.08	4.5
N814435		13.8	99.5	<0.002	0.07	1.94	10.3	1	1.5	336	0.70	0.06	12.4	0.271	1.03	4.2
N814436		15.4	83.7	0.002	0.02	0.65	9.8	2	1.2	388	0.63	<0.05	12.3	0.264	0.86	3.1
N814437		15.3	89.7	<0.002	0.07	0.99	10.0	1	1.5	366	0.64	<0.05	11.3	0.272	1.03	3.4
N814438		16.2	91.0	0.002	0.06	10.40	10.9	1	1.6	193.0	0.65	<0.05	11.3	0.311	1.12	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12188888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
N814403		80	1.0	17.3	222	29.6
N814404		74	3.1	23.8	3370	28.4
N814405		79	3.3	13.1	1200	28.3
N814406		2	0.1	0.8	25	<0.5
N814407		78	0.7	16.3	263	29.0
N814408		77	5.3	12.0	258	28.8
N814409		74	6.2	11.2	468	28.6
N814410		83	6.3	15.7	1720	28.2
N814411		77	1.7	16.3	818	27.9
N814412		83	1.5	16.9	1940	29.0
N814413		72	4.2	12.0	1130	25.3
N814414		73	5.1	16.8	3150	24.5
N814415		57	5.4	11.1	2960	38.8
N814416		87	0.9	16.7	162	30.9
N814417		74	1.7	15.5	64	32.4
N814418		77	1.4	17.0	58	31.2
N814419		76	0.9	17.2	47	30.2
N814420		78	4.6	14.2	46	31.6
N814421		79	4.4	14.7	47	34.1
N814422		71	4.0	15.4	52	29.9
N814423		76	0.8	14.7	43	29.6
N814424		77	2.2	14.8	49	27.7
N814425		58	5.3	10.8	2980	37.1
N814426		74	0.9	14.3	45	29.3
N814427		74	0.9	14.9	45	28.7
N814428		73	2.3	14.8	62	26.6
N814429		2	0.1	0.8	14	<0.5
N814430		73	0.9	17.1	47	34.2
N814431		72	1.9	15.6	59	31.7
N814432		75	0.7	15.8	45	27.1
N814433		78	1.4	14.9	53	27.7
N814434		74	1.0	15.5	47	28.8
N814435		76	1.2	15.5	47	27.3
N814436		73	0.6	14.5	48	25.8
N814437		75	0.9	14.7	48	26.6
N814438		85	3.5	14.5	58	31.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2012
Account: ROCKHA

Project: Klaza - 105

CERTIFICATE OF ANALYSIS WH12188888

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

CERTIFICATE WH12190673

Project: Klaza

P.O. No.: Batch 1

This report is for 126 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

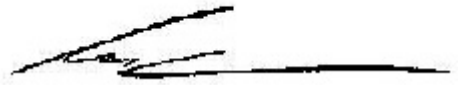
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51847		0.34	0.058	0.3	0.97	28	<10	110	<0.5	<2	0.18	0.6	6	17	15	2.34
ZZ51848		0.19	0.034	1.2	1.04	30	<10	190	<0.5	2	0.28	0.8	5	14	17	2.12
ZZ51849		0.26	0.045	4.0	1.02	49	<10	140	<0.5	2	0.24	0.8	3	11	12	1.64
ZZ51851		0.36	<0.005	0.4	0.90	22	<10	110	<0.5	<2	0.33	<0.5	4	14	16	1.60
ZZ51852		0.28	<0.005	0.7	0.35	4	<10	50	<0.5	<2	0.18	<0.5	3	5	5	1.02
ZZ51853		0.30	<0.005	0.4	0.74	13	<10	120	<0.5	<2	0.29	<0.5	4	10	12	1.39
ZZ51854		0.20	0.009	0.8	1.41	20	<10	170	<0.5	<2	0.30	<0.5	3	16	13	1.51
ZZ51855		0.31	0.017	2.2	0.87	29	<10	140	<0.5	<2	0.26	<0.5	4	9	9	1.60
ZZ51856		0.24	<0.005	1.0	0.26	5	<10	50	<0.5	<2	0.17	<0.5	2	3	4	0.66
ZZ51857		0.25	<0.005	0.7	1.01	19	<10	140	<0.5	<2	0.36	<0.5	5	17	17	1.88
ZZ51858		0.31	0.014	1.0	1.36	62	<10	220	<0.5	<2	0.64	<0.5	6	21	27	2.11
ZZ51859		0.26	<0.005	0.3	0.68	5	<10	100	<0.5	<2	0.11	<0.5	3	9	7	1.11
ZZ51860		0.29	<0.005	0.6	0.39	<2	<10	60	<0.5	<2	0.13	0.7	3	4	3	0.89
ZZ51861		0.33	0.012	0.7	1.08	11	<10	260	<0.5	<2	0.27	<0.5	6	19	24	1.67
ZZ51862		0.27	<0.005	0.6	1.00	8	<10	110	<0.5	<2	0.15	<0.5	5	13	8	1.73
ZZ51863		0.29	<0.005	1.7	1.03	22	<10	170	<0.5	<2	0.32	1.0	8	15	20	1.95
ZZ51864		0.43	<0.005	1.7	0.82	15	<10	140	<0.5	<2	0.34	0.6	3	10	17	1.42
ZZ51865		0.32	<0.005	0.4	1.10	16	<10	110	<0.5	<2	0.22	<0.5	5	20	8	1.85
ZZ51866		0.37	0.005	1.4	0.64	9	<10	70	<0.5	<2	0.18	0.5	3	7	12	1.01
ZZ51867		0.29	<0.005	0.4	0.52	20	<10	140	<0.5	<2	0.49	<0.5	3	8	12	1.14
ZZ51868		0.38	0.005	1.2	1.22	9	<10	160	<0.5	<2	0.37	1.8	9	19	29	2.18
ZZ51869		0.27	0.005	0.8	0.60	8	<10	150	<0.5	<2	0.56	<0.5	2	6	11	0.94
ZZ51870		0.37	<0.005	0.4	1.17	14	<10	180	<0.5	<2	0.23	0.6	5	18	12	1.75
ZZ51871		0.34	<0.005	0.6	1.26	17	<10	200	<0.5	<2	0.25	1.2	8	21	21	1.98
ZZ51872		0.38	<0.005	0.6	0.33	4	<10	60	<0.5	<2	0.15	<0.5	2	4	4	0.62
ZZ51873		0.38	0.005	0.8	1.13	22	<10	170	<0.5	<2	0.66	0.6	5	19	24	1.83
ZZ51874		0.32	0.011	0.7	0.80	22	<10	210	<0.5	<2	0.51	<0.5	4	13	26	1.42
ZZ51875		0.44	0.006	0.5	1.34	19	<10	280	<0.5	<2	0.35	<0.5	5	21	21	1.98
ZZ51876		0.58	0.010	0.2	0.90	24	<10	170	<0.5	<2	0.30	<0.5	4	16	14	1.65
ZZ51877		0.38	<0.005	0.3	0.53	5	<10	100	<0.5	<2	0.23	0.7	3	9	9	0.94
ZZ51878		0.26	<0.005	0.3	1.11	9	<10	170	<0.5	<2	0.16	0.6	5	13	17	1.26
ZZ51879		0.27	0.044	1.2	1.92	56	<10	340	0.7	<2	0.56	0.7	6	23	55	2.81
ZZ51880		0.24	0.030	2.4	1.63	46	<10	380	0.7	<2	0.70	0.9	7	19	56	2.86
ZZ51881		0.27	0.007	0.2	1.26	18	<10	260	0.5	<2	0.48	<0.5	6	27	27	2.12
ZZ51882		0.27	0.007	1.0	1.61	22	<10	340	<0.5	<2	0.66	<0.5	5	21	27	2.29
ZZ51883		0.25	0.009	1.0	1.57	22	<10	320	<0.5	<2	0.74	1.3	8	21	26	2.50
ZZ51884		0.37	<0.005	0.8	1.04	16	<10	150	<0.5	<2	0.18	0.6	4	15	17	1.72
ZZ51885		0.29	<0.005	0.6	1.08	15	<10	130	<0.5	<2	0.21	<0.5	5	18	12	1.94
ZZ51886		0.48	0.061	3.7	1.45	109	<10	220	<0.5	<2	0.74	2.1	5	18	22	2.14
ZZ51887		0.48	0.013	0.9	1.25	60	<10	170	<0.5	<2	0.29	0.7	4	21	18	2.20

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51847		<10	<1	0.06	10	0.28	342	<1	0.03	7	580	12	0.05	<2	1	18
ZZ51848		<10	<1	0.06	10	0.23	376	<1	0.03	6	770	14	0.05	<2	2	21
ZZ51849		<10	<1	0.06	<10	0.18	165	<1	0.04	5	590	48	0.04	2	2	18
ZZ51851		<10	1	0.05	10	0.27	354	<1	0.01	11	450	15	0.02	<2	2	22
ZZ51852		<10	1	0.02	<10	0.08	121	<1	0.03	2	410	4	0.01	<2	1	15
ZZ51853		<10	<1	0.04	<10	0.17	177	<1	0.02	5	680	6	0.03	<2	1	23
ZZ51854		<10	1	0.07	<10	0.26	167	<1	0.02	8	580	10	0.03	<2	2	23
ZZ51855		<10	1	0.04	<10	0.16	261	<1	0.02	4	580	29	0.01	<2	2	18
ZZ51856		<10	<1	0.02	<10	0.06	65	<1	0.03	1	330	2	0.01	<2	1	13
ZZ51857		<10	1	0.05	10	0.30	215	<1	0.02	9	470	14	0.03	<2	2	26
ZZ51858		<10	1	0.07	10	0.36	399	1	0.02	12	610	25	0.03	<2	3	46
ZZ51859		<10	<1	0.05	<10	0.15	164	<1	0.02	5	200	6	0.01	<2	1	15
ZZ51860		<10	<1	0.03	<10	0.05	297	<1	0.03	1	300	2	<0.01	<2	<1	14
ZZ51861		<10	1	0.05	20	0.22	765	<1	0.02	9	670	15	0.03	<2	2	26
ZZ51862		<10	<1	0.05	10	0.22	488	<1	0.02	6	260	7	<0.01	<2	1	16
ZZ51863		<10	1	0.07	10	0.23	902	<1	0.02	7	450	37	0.01	<2	2	27
ZZ51864		<10	1	0.06	<10	0.14	312	<1	0.03	5	430	19	0.02	<2	1	25
ZZ51865		<10	1	0.08	10	0.37	283	<1	0.02	9	250	16	<0.01	<2	2	18
ZZ51866		<10	<1	0.03	10	0.10	302	<1	0.03	3	440	11	0.01	<2	1	17
ZZ51867		<10	<1	0.04	10	0.15	304	<1	0.02	4	510	22	0.03	<2	1	35
ZZ51868		<10	1	0.05	10	0.23	672	<1	0.02	10	330	32	0.01	<2	2	32
ZZ51869		<10	1	0.03	<10	0.09	270	<1	0.03	3	470	9	0.02	<2	1	39
ZZ51870		<10	<1	0.06	10	0.28	336	<1	0.01	10	310	45	<0.01	<2	2	18
ZZ51871		<10	<1	0.06	10	0.28	1445	<1	0.02	11	340	25	0.01	<2	2	27
ZZ51872		<10	<1	0.04	<10	0.07	83	<1	0.03	2	330	5	<0.01	<2	1	13
ZZ51873		<10	<1	0.07	10	0.32	390	<1	0.02	10	500	23	0.03	<2	2	45
ZZ51874		<10	<1	0.06	10	0.20	236	<1	0.02	7	290	16	0.02	2	2	33
ZZ51875		<10	<1	0.07	10	0.38	377	<1	0.01	11	400	27	<0.01	<2	3	26
ZZ51876		<10	1	0.07	10	0.30	253	<1	0.01	7	270	21	<0.01	<2	2	22
ZZ51877		<10	<1	0.04	<10	0.15	228	<1	0.02	4	350	5	0.01	<2	1	20
ZZ51878		<10	1	0.05	10	0.20	392	<1	0.02	6	200	18	<0.01	<2	2	19
ZZ51879		<10	<1	0.14	20	0.38	496	<1	0.01	13	630	57	0.03	<2	5	42
ZZ51880		<10	1	0.09	20	0.28	518	<1	0.02	12	740	32	0.06	2	4	49
ZZ51881		<10	1	0.09	20	0.40	313	<1	0.02	11	700	22	0.01	<2	5	34
ZZ51882		<10	<1	0.07	10	0.28	725	<1	0.02	10	760	20	0.06	<2	4	50
ZZ51883		<10	1	0.07	10	0.30	1215	<1	0.02	10	800	30	0.08	<2	4	54
ZZ51884		<10	<1	0.05	10	0.18	205	<1	0.02	7	400	18	0.02	<2	1	22
ZZ51885		<10	<1	0.06	10	0.28	221	<1	0.02	7	260	16	0.01	<2	2	21
ZZ51886		<10	1	0.09	10	0.30	368	<1	0.02	9	740	55	0.05	<2	3	61
ZZ51887		<10	<1	0.06	10	0.37	236	1	0.01	11	250	18	<0.01	<2	3	24

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51847		<20	0.05	<10	<10	48	<10	67
ZZ51848		<20	0.04	<10	<10	47	<10	97
ZZ51849		<20	0.04	<10	<10	35	<10	144
ZZ51851		<20	0.05	<10	<10	39	<10	52
ZZ51852		<20	0.05	<10	<10	33	<10	29
ZZ51853		<20	0.05	<10	<10	39	<10	48
ZZ51854		<20	0.04	<10	<10	34	<10	48
ZZ51855		<20	0.06	<10	<10	43	<10	101
ZZ51856		<20	0.03	<10	<10	20	<10	13
ZZ51857		<20	0.06	<10	<10	46	<10	55
ZZ51858		<20	0.04	<10	<10	44	<10	82
ZZ51859		<20	0.05	<10	<10	29	<10	26
ZZ51860		<20	0.04	<10	<10	28	<10	34
ZZ51861		<20	0.04	<10	<10	41	<10	41
ZZ51862		<20	0.05	<10	<10	44	<10	51
ZZ51863		<20	0.05	<10	<10	48	<10	102
ZZ51864		<20	0.04	<10	<10	35	<10	89
ZZ51865		<20	0.07	<10	<10	45	<10	67
ZZ51866		<20	0.03	<10	<10	27	<10	40
ZZ51867		<20	0.03	<10	<10	25	<10	48
ZZ51868		<20	0.07	<10	<10	58	<10	93
ZZ51869		<20	0.04	<10	<10	27	<10	39
ZZ51870		<20	0.04	<10	<10	41	<10	71
ZZ51871		<20	0.04	<10	<10	46	<10	84
ZZ51872		<20	0.03	<10	<10	17	<10	19
ZZ51873		<20	0.04	<10	<10	38	<10	79
ZZ51874		<20	0.03	<10	<10	30	<10	72
ZZ51875		<20	0.04	<10	<10	43	<10	69
ZZ51876		<20	0.05	<10	<10	35	<10	85
ZZ51877		<20	0.04	<10	<10	25	<10	40
ZZ51878		<20	0.03	<10	<10	30	<10	66
ZZ51879		<20	0.03	<10	<10	44	<10	203
ZZ51880		<20	0.03	<10	<10	47	<10	136
ZZ51881		<20	0.06	<10	<10	49	<10	68
ZZ51882		<20	0.04	<10	<10	36	<10	64
ZZ51883		<20	0.04	<10	<10	38	<10	108
ZZ51884		<20	0.03	<10	<10	41	<10	54
ZZ51885		<20	0.06	<10	<10	50	<10	57
ZZ51886		<20	0.04	<10	<10	39	<10	183
ZZ51887		<20	0.06	<10	<10	46	<10	84

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51888		0.37	0.049	2.5	1.07	91	<10	160	0.5	2	0.37	1.6	4	12	38	2.10
ZZ51889		0.39	0.026	1.7	1.27	37	<10	200	<0.5	<2	0.36	<0.5	5	13	26	2.27
ZZ51890		0.41	0.116	3.2	1.21	254	<10	150	<0.5	4	0.26	0.7	6	19	31	2.72
ZZ51891		0.37	0.023	0.9	1.15	66	<10	130	<0.5	2	0.37	<0.5	7	13	18	2.24
ZZ51892		0.30	0.015	0.5	1.48	54	<10	220	0.5	2	0.50	<0.5	7	22	27	2.46
ZZ51630		0.23	0.029	0.4	1.42	93	<10	150	<0.5	2	0.27	0.5	7	21	17	2.83
ZZ51631		0.21	0.019	0.3	1.36	37	<10	150	<0.5	<2	0.28	<0.5	6	22	15	2.49
ZZ51632		0.15	0.022	0.7	1.39	47	<10	260	<0.5	<2	0.35	0.8	6	23	22	2.55
ZZ51633		0.12	0.060	1.5	1.25	65	<10	180	<0.5	2	0.30	1.5	6	18	20	2.33
ZZ51634		0.15	0.007	0.7	1.46	62	<10	150	<0.5	<2	0.26	0.7	8	26	18	2.51
ZZ51635		0.16	0.014	0.7	1.62	64	<10	190	<0.5	<2	0.36	0.6	6	23	22	2.29
ZZ51636		0.16	0.008	0.3	1.38	40	<10	170	<0.5	<2	0.34	<0.5	6	22	14	2.17
ZZ51637		0.12	0.008	0.8	1.10	34	<10	170	<0.5	<2	0.41	<0.5	6	20	13	2.06
ZZ51638		0.17	<0.005	0.2	0.92	25	<10	110	<0.5	<2	0.36	<0.5	5	19	12	1.85
ZZ51639		0.22	<0.005	0.4	1.28	27	<10	140	<0.5	<2	0.39	<0.5	5	22	15	2.12
ZZ51640		0.19	<0.005	<0.2	0.92	25	<10	110	<0.5	<2	0.36	<0.5	5	19	14	1.85
ZZ51641		0.25	<0.005	0.2	1.12	16	<10	150	<0.5	<2	0.36	<0.5	5	20	16	1.85
ZZ51642		0.22	0.008	0.3	1.00	36	<10	180	<0.5	<2	0.35	<0.5	5	17	23	2.05
ZZ51643		0.26	0.009	0.2	0.89	34	<10	120	<0.5	<2	0.31	<0.5	4	17	17	1.66
ZZ51644		0.24	0.012	0.6	1.16	49	<10	260	0.5	<2	0.42	<0.5	6	21	32	2.41
ZZ51645		0.14	0.005	<0.2	1.27	28	<10	200	<0.5	<2	0.39	0.5	6	21	20	2.12
ZZ51646		0.18	0.007	0.3	1.61	17	<10	230	<0.5	<2	0.23	1.8	7	26	15	2.25
ZZ51647		0.25	<0.005	<0.2	1.08	20	<10	130	<0.5	<2	0.23	0.6	5	19	8	1.76
ZZ51648		0.24	<0.005	0.2	0.90	20	<10	160	<0.5	<2	0.27	0.7	7	15	14	1.82
ZZ51649		0.28	0.008	1.1	1.42	45	<10	190	<0.5	<2	0.26	0.7	6	22	15	2.11
ZZ51650		0.28	0.005	1.0	1.89	14	<10	170	<0.5	<2	0.27	0.5	6	30	14	2.57
ZZ51651		0.20	0.029	1.7	1.55	51	<10	210	0.5	<2	0.75	0.6	6	20	39	2.24
ZZ51652		0.17	0.006	0.6	1.57	25	<10	210	<0.5	<2	0.33	0.5	8	26	18	2.25
ZZ51703		0.23	0.006	0.2	1.07	11	<10	190	<0.5	<2	0.43	<0.5	5	21	17	1.73
ZZ51704		0.37	0.006	0.2	1.05	12	<10	150	<0.5	<2	0.36	<0.5	4	23	14	1.81
ZZ51705		0.28	0.038	1.0	1.68	44	<10	380	0.6	<2	0.45	1.1	7	28	37	2.66
ZZ51706		0.34	0.013	0.8	1.06	14	<10	190	<0.5	<2	0.40	0.5	4	16	23	1.58
ZZ51707		0.18	0.033	1.2	1.40	38	<10	290	0.5	<2	0.60	1.3	4	17	40	2.23
ZZ51708		0.33	0.016	0.7	1.36	31	<10	240	0.5	<2	0.52	0.8	5	22	29	2.21
ZZ51709		0.31	0.006	0.2	1.11	13	<10	120	<0.5	<2	0.30	<0.5	5	20	13	1.84
ZZ51710		0.38	0.041	0.7	0.91	76	<10	280	<0.5	<2	0.36	0.8	7	17	29	2.10
ZZ51711		0.25	0.007	0.3	1.14	22	<10	190	<0.5	<2	0.57	<0.5	7	23	26	1.95
ZZ51712		0.38	<0.005	<0.2	0.93	37	<10	90	<0.5	<2	0.24	0.9	6	21	11	2.02
ZZ51713		0.32	0.005	0.5	1.62	24	<10	250	<0.5	<2	0.31	1.1	9	26	31	2.28
ZZ51714		0.25	0.008	0.5	1.28	25	<10	190	<0.5	<2	0.42	0.7	9	23	20	2.11

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51888		<10	1	0.07	10	0.19	312	2	0.03	8	700	13	0.05	<2	3	33
ZZ51889		<10	1	0.07	10	0.21	241	1	0.02	8	880	9	0.04	<2	3	29
ZZ51890		<10	1	0.08	10	0.40	309	1	0.01	10	310	167	0.03	10	3	28
ZZ51891		<10	<1	0.06	10	0.21	401	1	0.03	6	740	10	0.04	<2	2	30
ZZ51892		<10	1	0.07	10	0.42	410	<1	0.02	12	600	17	0.03	<2	3	42
ZZ51630		<10	1	0.07	10	0.47	390	<1	0.01	10	260	22	0.01	<2	3	22
ZZ51631		<10	1	0.07	10	0.44	278	<1	0.01	12	310	24	0.01	<2	3	23
ZZ51632		<10	<1	0.07	10	0.43	376	1	0.02	12	390	32	0.01	<2	3	30
ZZ51633		<10	1	0.07	10	0.35	388	1	0.01	9	470	91	0.02	<2	3	26
ZZ51634		<10	<1	0.09	10	0.45	639	<1	0.01	14	400	45	0.01	<2	3	20
ZZ51635		<10	1	0.09	10	0.42	402	<1	0.02	12	540	42	0.02	<2	3	25
ZZ51636		<10	1	0.07	10	0.44	411	<1	0.02	10	570	28	0.01	<2	3	23
ZZ51637		<10	1	0.09	10	0.34	545	<1	0.02	9	880	39	0.01	<2	3	26
ZZ51638		<10	1	0.06	10	0.37	382	<1	0.02	9	640	29	<0.01	<2	3	22
ZZ51639		<10	1	0.07	10	0.39	344	<1	0.02	10	490	20	0.01	<2	3	26
ZZ51640		<10	<1	0.08	10	0.37	375	<1	0.01	11	590	21	<0.01	<2	3	23
ZZ51641		<10	<1	0.06	10	0.36	295	<1	0.02	10	460	14	0.01	<2	3	25
ZZ51642		<10	1	0.07	10	0.31	629	<1	0.01	8	490	57	0.01	<2	3	24
ZZ51643		<10	1	0.06	10	0.33	462	<1	0.01	9	420	45	<0.01	<2	2	22
ZZ51644		<10	1	0.10	10	0.35	789	<1	0.02	11	370	48	0.01	2	4	32
ZZ51645		<10	1	0.09	10	0.38	317	<1	0.02	10	350	23	0.01	<2	3	28
ZZ51646		<10	1	0.08	10	0.41	531	<1	0.01	12	250	16	0.01	<2	3	20
ZZ51647		<10	<1	0.08	10	0.35	269	<1	0.01	10	210	15	<0.01	<2	2	18
ZZ51648		<10	1	0.11	10	0.22	878	<1	0.02	7	280	19	<0.01	<2	2	23
ZZ51649		<10	1	0.08	10	0.39	501	<1	0.01	11	250	27	<0.01	<2	3	22
ZZ51650		<10	<1	0.09	10	0.50	243	<1	0.01	15	190	25	<0.01	<2	3	24
ZZ51651		<10	1	0.09	20	0.41	594	<1	0.02	10	690	50	0.03	<2	4	49
ZZ51652		<10	1	0.08	10	0.41	520	<1	0.02	12	390	42	0.01	<2	3	29
ZZ51703		<10	<1	0.07	10	0.36	283	<1	0.02	10	540	23	0.01	<2	3	30
ZZ51704		<10	<1	0.08	10	0.39	262	<1	0.02	11	420	20	<0.01	<2	3	25
ZZ51705		<10	1	0.11	10	0.33	887	<1	0.01	13	600	45	0.03	<2	5	39
ZZ51706		<10	1	0.07	10	0.27	206	<1	0.02	8	490	22	0.02	<2	2	28
ZZ51707		<10	1	0.09	10	0.37	335	<1	0.02	9	560	66	0.03	<2	3	40
ZZ51708		<10	1	0.08	10	0.39	468	<1	0.02	12	410	55	0.02	<2	4	35
ZZ51709		<10	<1	0.06	10	0.38	254	<1	0.01	11	200	19	<0.01	<2	3	20
ZZ51710		<10	<1	0.09	10	0.29	826	<1	0.02	12	240	78	0.03	3	3	27
ZZ51711		<10	<1	0.07	10	0.38	409	<1	0.02	12	540	39	0.04	<2	3	48
ZZ51712		<10	<1	0.06	10	0.34	301	<1	0.02	9	150	57	0.02	2	2	20
ZZ51713		10	<1	0.10	10	0.45	347	<1	0.02	11	250	41	0.03	2	4	30
ZZ51714		<10	<1	0.08	10	0.41	567	<1	0.02	11	300	53	0.02	<2	3	30

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51888		<20	0.03	<10	<10	33	<10	94
ZZ51889		<20	0.05	<10	<10	47	<10	62
ZZ51890		<20	0.06	<10	<10	46	<10	100
ZZ51891		<20	0.04	<10	<10	47	<10	36
ZZ51892		<20	0.05	<10	<10	46	<10	55
ZZ51630		<20	0.06	<10	<10	56	<10	102
ZZ51631		<20	0.06	<10	<10	47	<10	84
ZZ51632		<20	0.05	<10	<10	46	<10	94
ZZ51633		<20	0.05	<10	<10	40	<10	160
ZZ51634		<20	0.07	<10	<10	54	<10	132
ZZ51635		<20	0.07	<10	<10	54	<10	125
ZZ51636		<20	0.07	<10	<10	50	<10	98
ZZ51637		<20	0.06	<10	<10	45	<10	81
ZZ51638		<20	0.07	<10	<10	40	<10	66
ZZ51639		<20	0.06	<10	<10	46	<10	64
ZZ51640		<20	0.06	<10	<10	39	<10	60
ZZ51641		<20	0.05	<10	<10	38	<10	52
ZZ51642		<20	0.04	<10	<10	37	<10	86
ZZ51643		<20	0.05	<10	<10	34	<10	65
ZZ51644		<20	0.04	<10	<10	41	<10	110
ZZ51645		<20	0.05	<10	<10	43	<10	101
ZZ51646		<20	0.06	<10	<10	52	<10	222
ZZ51647		<20	0.06	<10	<10	39	<10	141
ZZ51648		<20	0.06	<10	<10	46	<10	92
ZZ51649		<20	0.05	<10	<10	45	<10	144
ZZ51650		<20	0.09	<10	<10	58	<10	90
ZZ51651		<20	0.03	<10	<10	40	<10	124
ZZ51652		<20	0.06	<10	<10	52	<10	85
ZZ51703		<20	0.06	<10	<10	38	<10	84
ZZ51704		<20	0.07	<10	<10	40	<10	94
ZZ51705		<20	0.03	<10	<10	45	<10	168
ZZ51706		<20	0.05	<10	<10	34	<10	73
ZZ51707		<20	0.03	<10	<10	40	<10	193
ZZ51708		<20	0.04	<10	<10	40	<10	137
ZZ51709		<20	0.06	<10	<10	40	<10	54
ZZ51710		<20	0.04	<10	<10	32	<10	145
ZZ51711		<20	0.04	<10	<10	38	<10	80
ZZ51712		<20	0.05	<10	<10	45	<10	183
ZZ51713		<20	0.06	<10	<10	54	<10	129
ZZ51714		<20	0.06	<10	<10	45	<10	118

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51715		0.31	0.037	1.2	1.46	86	<10	160	0.6	<2	0.43	0.5	7	24	39	2.81
ZZ51716		0.34	0.007	0.3	1.09	25	<10	120	<0.5	<2	0.33	0.8	7	19	18	1.90
ZZ51717		0.21	0.009	1.3	1.28	19	<10	240	0.5	<2	1.16	0.8	7	20	29	1.67
ZZ51718		0.24	0.011	0.4	1.80	24	<10	150	<0.5	<2	0.26	0.6	9	29	13	2.59
ZZ51719		0.28	<0.005	0.5	1.30	14	<10	170	<0.5	<2	0.28	0.5	7	22	16	2.28
ZZ51720		0.23	<0.005	0.6	1.22	14	<10	140	<0.5	<2	0.23	<0.5	7	18	10	2.04
ZZ51721		0.21	0.961	0.7	2.34	32	<10	490	0.7	<2	0.54	0.6	9	27	33	3.32
ZZ51822		0.25	0.021	1.0	1.18	101	<10	150	<0.5	3	0.33	0.7	5	11	31	3.09
ZZ51823		0.41	0.024	1.2	1.42	64	<10	220	0.5	2	0.43	1.1	6	20	39	2.49
ZZ51824		0.37	0.109	1.2	1.14	68	<10	160	<0.5	6	0.35	1.4	7	16	40	2.46
ZZ51825		0.51	0.040	5.2	1.53	114	<10	230	0.5	10	0.45	1.6	5	19	54	2.77
ZZ51826		0.27	0.034	1.3	1.07	67	<10	250	0.5	8	0.38	1.1	7	15	30	2.45
ZZ51827		0.39	0.078	2.4	1.78	116	<10	210	<0.5	4	0.44	0.5	5	16	27	2.70
ZZ51828		0.35	0.050	1.7	1.27	95	<10	260	<0.5	4	0.35	0.9	6	18	34	2.06
ZZ51829		0.29	0.103	0.5	0.63	113	<10	110	<0.5	<2	0.30	0.9	5	11	18	2.23
ZZ51830		0.20	0.017	1.5	1.79	65	<10	260	<0.5	<2	0.62	1.4	9	23	16	2.67
ZZ51661		0.42	0.028	1.0	2.03	38	<10	250	0.5	<2	0.38	0.6	9	23	29	2.97
ZZ51662		0.31	0.020	1.1	1.87	21	<10	230	<0.5	<2	0.49	<0.5	8	20	27	2.23
ZZ51663		0.20	0.027	2.1	2.09	267	<10	330	0.6	<2	0.67	0.9	14	22	44	5.47
ZZ51664		0.33	0.010	1.0	1.92	27	<10	310	<0.5	<2	0.59	<0.5	8	21	32	2.61
ZZ51665		0.35	0.011	0.7	1.68	19	<10	240	<0.5	<2	0.49	<0.5	10	19	24	2.54
ZZ51666		0.32	0.009	0.7	1.98	24	<10	280	<0.5	<2	0.51	<0.5	10	22	29	2.71
ZZ51667		0.27	0.006	0.4	1.32	25	<10	180	<0.5	<2	0.42	<0.5	8	20	19	2.51
ZZ51668		0.44	0.008	0.4	1.93	25	<10	270	0.5	<2	0.46	<0.5	10	24	35	2.93
ZZ51669		0.37	0.009	1.4	1.61	24	<10	340	<0.5	<2	0.60	0.7	11	19	39	2.72
ZZ51670		0.32	0.007	0.8	1.55	17	<10	150	<0.5	<2	0.48	<0.5	11	22	29	2.60
ZZ50921		0.19	0.044	1.0	2.62	199	<10	260	0.9	5	0.10	<0.5	22	12	108	5.70
ZZ50922		0.22	0.018	<0.2	1.33	66	<10	770	1.2	5	0.18	1.0	22	9	56	5.93
ZZ50923		0.19	<0.005	0.2	1.99	22	<10	250	0.5	2	0.23	<0.5	11	24	43	3.22
ZZ50924		0.20	<0.005	<0.2	1.62	66	<10	210	0.7	2	0.19	<0.5	16	22	28	4.14
ZZ50925		0.22	<0.005	0.2	1.85	15	<10	260	0.5	<2	0.67	<0.5	10	20	23	2.87
ZZ50926		0.17	<0.005	0.2	1.47	18	<10	140	<0.5	<2	0.25	<0.5	9	17	21	2.65
ZZ50927		0.14	<0.005	0.4	2.04	17	<10	170	<0.5	<2	0.27	<0.5	10	18	22	2.77
ZZ50928		<0.02	<0.005	0.3	1.45	13	<10	220	<0.5	<2	0.36	<0.5	8	16	21	2.34
ZZ50929		0.25	<0.005	0.2	1.76	9	<10	240	<0.5	<2	0.36	<0.5	11	18	24	2.47
ZZ50930		0.25	<0.005	0.9	1.98	15	<10	420	0.6	2	0.56	<0.5	10	22	31	2.84
ZZ50931		0.28	<0.005	0.4	1.32	19	<10	230	<0.5	<2	0.40	<0.5	8	18	25	2.44
ZZ50932		0.30	<0.005	0.2	1.03	12	<10	150	<0.5	2	0.35	<0.5	7	15	10	1.78
ZZ50933		0.22	0.006	0.2	2.01	40	<10	370	0.6	5	0.58	0.5	12	20	63	4.12
ZZ50934		0.20	0.006	0.6	1.80	19	<10	310	0.5	2	0.50	0.5	8	18	34	2.27

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51715		<10	<1	0.14	30	0.43	407	<1	0.02	11	470	86	0.03	3	6	33
ZZ51716		<10	<1	0.10	10	0.36	371	<1	0.02	8	330	57	0.02	2	3	26
ZZ51717		<10	1	0.08	20	0.33	473	<1	0.02	12	1030	36	0.10	2	3	79
ZZ51718		10	<1	0.11	10	0.48	618	<1	0.02	13	270	43	0.02	2	3	26
ZZ51719		<10	<1	0.09	10	0.36	499	<1	0.02	10	440	14	0.02	<2	3	28
ZZ51720		<10	<1	0.09	10	0.33	280	<1	0.02	9	510	13	0.02	<2	2	19
ZZ51721		10	<1	0.15	20	0.42	648	<1	0.02	13	430	32	0.03	<2	6	50
ZZ51822		<10	<1	0.07	10	0.22	207	5	0.02	4	670	55	0.05	<2	2	28
ZZ51823		10	<1	0.08	20	0.41	229	2	0.02	11	650	38	0.04	<2	4	35
ZZ51824		<10	<1	0.07	10	0.36	395	1	0.02	6	580	79	0.04	<2	3	31
ZZ51825		<10	<1	0.10	20	0.37	155	4	0.02	9	590	102	0.04	2	4	39
ZZ51826		<10	<1	0.07	10	0.28	427	8	0.02	6	540	70	0.04	3	3	37
ZZ51827		10	<1	0.09	10	0.39	237	28	0.02	6	650	32	0.07	<2	4	35
ZZ51828		<10	<1	0.06	10	0.35	223	1	0.02	9	650	28	0.04	2	3	30
ZZ51829		<10	<1	0.08	10	0.21	282	1	0.01	5	920	41	0.02	4	2	21
ZZ51830		10	<1	0.12	10	0.35	656	<1	0.02	10	820	60	0.06	<2	4	49
ZZ51661		10	1	0.08	10	0.49	220	<1	0.02	7	730	55	0.06	<2	8	31
ZZ51662		10	<1	0.08	10	0.50	248	<1	0.02	7	660	48	0.06	<2	6	36
ZZ51663		10	<1	0.12	20	0.51	843	2	0.02	9	730	65	0.08	2	8	56
ZZ51664		10	<1	0.08	10	0.48	209	<1	0.03	9	760	29	0.08	<2	5	51
ZZ51665		<10	<1	0.08	10	0.52	450	<1	0.03	8	610	31	0.05	<2	5	43
ZZ51666		10	1	0.08	10	0.52	395	<1	0.02	10	690	31	0.05	<2	5	44
ZZ51667		<10	<1	0.07	10	0.54	308	<1	0.02	8	560	20	0.03	<2	4	30
ZZ51668		10	<1	0.10	10	0.61	405	<1	0.02	13	700	24	0.04	<2	6	36
ZZ51669		<10	1	0.07	20	0.49	650	<1	0.03	10	830	25	0.07	<2	6	44
ZZ51670		10	<1	0.08	10	0.73	388	<1	0.03	9	620	36	0.03	<2	6	33
ZZ50921		10	1	0.17	20	0.68	1105	2	0.02	9	470	58	0.09	13	9	16
ZZ50922		<10	<1	0.13	20	0.40	1535	1	0.01	11	380	55	0.12	8	11	15
ZZ50923		10	<1	0.10	10	0.48	620	<1	0.02	13	440	11	0.04	2	5	22
ZZ50924		10	<1	0.14	20	0.43	873	2	0.01	13	430	24	0.04	3	5	19
ZZ50925		10	<1	0.09	10	0.54	420	<1	0.04	12	480	11	0.06	<2	5	39
ZZ50926		10	<1	0.09	10	0.37	291	1	0.02	9	390	11	0.04	<2	3	19
ZZ50927		10	<1	0.11	10	0.49	321	<1	0.02	11	460	11	0.04	<2	4	23
ZZ50928		<10	1	0.09	10	0.44	401	<1	0.03	8	470	24	0.04	2	3	28
ZZ50929		10	<1	0.08	10	0.51	1115	<1	0.03	11	520	9	0.04	<2	4	30
ZZ50930		10	1	0.11	20	0.46	573	<1	0.02	12	680	23	0.05	3	6	39
ZZ50931		<10	<1	0.07	10	0.43	396	<1	0.02	9	370	18	0.03	3	4	28
ZZ50932		<10	<1	0.07	10	0.37	230	<1	0.02	8	440	7	0.03	<2	3	25
ZZ50933		10	<1	0.16	20	0.89	1300	1	0.08	7	590	105	0.03	3	8	41
ZZ50934		10	<1	0.07	10	0.50	305	<1	0.03	9	800	23	0.08	<2	4	43

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51715		<20	0.04	<10	<10	47	<10	194
ZZ51716		<20	0.05	<10	<10	37	<10	121
ZZ51717		<20	0.03	<10	<10	33	<10	96
ZZ51718		<20	0.06	<10	<10	54	<10	105
ZZ51719		<20	0.06	<10	<10	52	<10	79
ZZ51720		<20	0.06	<10	<10	45	<10	61
ZZ51721		<20	0.03	<10	<10	58	<10	116
ZZ51822		<20	0.02	<10	<10	33	<10	85
ZZ51823		<20	0.04	<10	<10	41	<10	88
ZZ51824		<20	0.04	<10	<10	41	<10	151
ZZ51825		<20	0.03	<10	<10	43	<10	190
ZZ51826		<20	0.02	<10	<10	34	<10	102
ZZ51827		<20	0.02	<10	<10	42	<10	70
ZZ51828		<20	0.03	<10	<10	32	<10	91
ZZ51829		<20	0.03	<10	<10	30	<10	135
ZZ51830		<20	0.04	<10	<10	49	<10	170
ZZ51661		<20	0.06	<10	<10	92	<10	114
ZZ51662		<20	0.06	<10	<10	61	<10	104
ZZ51663		<20	0.06	<10	<10	139	<10	148
ZZ51664		<20	0.06	<10	<10	65	<10	91
ZZ51665		<20	0.08	<10	<10	66	<10	81
ZZ51666		<20	0.06	<10	<10	63	<10	85
ZZ51667		<20	0.07	<10	<10	66	<10	67
ZZ51668		<20	0.07	<10	<10	65	<10	81
ZZ51669		<20	0.06	<10	<10	66	<10	74
ZZ51670		<20	0.09	<10	<10	76	<10	105
ZZ50921		<20	0.04	<10	<10	101	<10	107
ZZ50922		<20	0.01	<10	<10	76	<10	195
ZZ50923		<20	0.04	<10	<10	61	<10	53
ZZ50924		<20	0.04	<10	<10	60	<10	96
ZZ50925		<20	0.05	<10	<10	60	<10	47
ZZ50926		<20	0.04	<10	<10	54	<10	49
ZZ50927		<20	0.06	<10	<10	55	<10	57
ZZ50928		<20	0.05	<10	<10	50	<10	68
ZZ50929		<20	0.06	<10	<10	54	<10	50
ZZ50930		<20	0.03	<10	<10	53	<10	79
ZZ50931		<20	0.05	<10	<10	46	<10	64
ZZ50932		<20	0.05	<10	<10	35	<10	41
ZZ50933		<20	0.12	<10	<10	85	<10	229
ZZ50934		<20	0.04	<10	<10	46	<10	101

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50935		0.23	<0.005	0.6	1.59	12	<10	250	<0.5	<2	0.40	0.7	10	19	30	2.11
ZZ50936		0.14	<0.005	<0.2	0.89	6	<10	160	<0.5	<2	0.35	<0.5	7	11	15	1.81
ZZ50937		0.10	<0.005	0.3	0.97	7	<10	140	<0.5	<2	0.48	<0.5	7	11	20	1.63
ZZ50938		0.16	<0.005	0.2	0.96	11	<10	100	<0.5	<2	0.18	<0.5	6	14	10	1.36
ZZ50939		0.12	<0.005	<0.2	0.38	<2	<10	20	<0.5	<2	0.12	<0.5	4	4	5	0.91
ZZ50940		0.16	<0.005	0.2	1.06	8	<10	130	<0.5	<2	0.37	<0.5	6	14	12	1.45

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50935		<10	<1	0.08	10	0.44	499	<1	0.03	9	630	18	0.05	2	4	38
ZZ50936		<10	<1	0.03	10	0.19	547	<1	0.03	5	750	9	0.05	<2	2	28
ZZ50937		<10	<1	0.03	20	0.18	294	<1	0.03	5	800	8	0.08	<2	2	38
ZZ50938		<10	<1	0.04	10	0.20	261	<1	0.02	6	800	5	0.07	<2	1	18
ZZ50939		<10	<1	0.02	<10	0.05	70	<1	0.03	1	480	<2	0.04	<2	<1	12
ZZ50940		<10	<1	0.04	10	0.26	112	<1	0.02	6	630	12	0.07	<2	2	27

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12190673

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50935		<20	0.05	<10	<10	43	<10	84
ZZ50936		<20	0.05	<10	<10	45	<10	28
ZZ50937		<20	0.04	<10	<10	41	<10	33
ZZ50938		<20	0.04	<10	<10	29	<10	27
ZZ50939		<20	0.04	<10	<10	28	<10	11
ZZ50940		<20	0.03	<10	<10	33	<10	33

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192024

Project: Klaza - 101

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

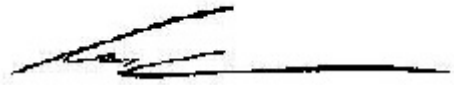
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192024

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811697		2.56	0.012	0.31	7.30	16.0	900	1.39	0.14	3.42	0.09	33.9	9.4	12	12.00	45.0
N811698		3.67	0.009	10.55	6.75	39.8	2700	1.33	0.18	2.95	0.76	33.0	8.8	17	25.0	32.0
N811699		2.24	0.007	1.66	6.89	55.3	960	1.40	0.14	3.04	0.17	32.6	9.6	14	15.15	13.2
N811700		3.55	<0.005	0.43	6.45	16.9	1170	1.57	0.18	2.85	0.12	30.6	8.9	12	12.75	22.4
N811701		1.71	0.009	0.56	6.37	31.7	300	1.30	0.29	3.40	0.77	34.0	8.3	9	12.15	36.6
N811702		0.42	2.17	23.7	5.78	3340	270	1.14	18.10	2.20	76.9	38.7	11.2	18	14.35	449
N811703		2.39	<0.005	0.64	6.98	24.1	260	1.23	0.20	2.65	0.76	34.9	7.7	12	15.10	32.4
N811704		2.20	<0.005	0.66	7.33	44.3	310	1.41	0.27	3.20	0.58	42.0	8.9	10	13.45	39.4
N811705		1.60	0.026	1.53	6.77	341	530	1.23	0.13	3.15	1.94	42.8	10.3	9	20.5	32.7
N811706		2.57	<0.005	0.29	7.37	42.6	1300	1.55	0.14	3.55	0.21	43.8	8.2	12	20.2	18.7
N811707		1.78	<0.005	0.19	7.35	6.6	1350	1.36	0.08	3.13	0.07	35.4	10.3	13	13.25	52.8
N811708		2.84	<0.005	0.14	7.04	3.9	1080	1.21	0.12	4.02	0.08	38.9	9.5	12	10.80	36.0
N811709		1.88	<0.005	0.12	6.60	9.9	1050	1.23	0.11	3.34	0.09	30.8	7.9	13	9.81	22.6
N811710		2.58	<0.005	0.14	7.57	2.6	1290	1.30	0.19	3.23	0.08	40.8	9.5	14	14.05	39.1
N811711		2.15	<0.005	0.14	7.23	20.8	610	1.25	0.27	4.27	0.12	45.7	10.3	10	14.90	22.1
N811712		2.32	<0.005	<0.01	0.17	<5	40	0.08	0.02	21.8	0.06	1.38	1.9	<1	0.75	1.6
N811713		1.66	<0.005	0.11	8.00	2.7	1250	1.37	0.16	2.70	0.05	36.9	8.9	12	17.80	23.4
N811714		2.30	0.082	0.65	7.05	311	1950	1.20	0.30	4.12	0.58	39.6	10.2	10	17.65	38.6
N811715		3.87	<0.005	0.09	7.53	4.1	1500	1.34	0.08	3.14	0.06	35.3	9.5	13	9.62	5.5
N811716		1.93	<0.005	0.09	7.73	3.5	1160	1.32	0.15	3.51	0.08	37.2	9.6	13	20.3	10.4
N811717		2.10	<0.005	0.13	7.69	8.1	1460	1.43	0.22	3.72	0.13	37.9	9.7	12	18.35	26.6
N811718		3.47	0.373	5.24	6.01	2140	490	1.08	2.95	3.74	6.14	41.4	9.4	9	12.15	47.4
N811719		1.82	0.008	0.22	7.66	115.0	1030	1.50	0.16	3.09	0.26	44.2	9.1	11	12.90	8.6
N811720		0.29	4.64	>100	5.28	8190	100	1.11	60.9	1.96	235	30.8	9.9	18	12.30	1335
N811721		4.33	<0.005	0.16	7.55	7.7	1210	1.31	0.14	3.25	0.15	37.7	9.6	13	13.35	18.5
N811722		1.97	<0.005	0.21	7.17	8.6	1130	1.35	0.17	3.27	0.19	39.2	8.5	12	17.20	45.0
N811723		2.39	<0.005	0.11	6.94	2.9	1180	1.40	0.17	3.10	0.09	35.7	9.2	13	14.75	11.5
N811724		0.88	<0.005	0.12	7.52	2.4	1190	1.51	0.17	3.27	0.10	37.8	10.1	11	14.35	19.1
N811725		1.48	<0.005	0.12	7.38	4.6	1280	1.44	0.37	3.86	0.09	41.6	9.2	10	14.05	4.0
N811726		3.72	<0.005	0.12	7.59	5.7	1600	1.49	0.27	3.58	1.02	39.5	9.1	11	16.60	15.3
N811727		1.67	0.023	0.92	6.75	44.7	1550	1.29	0.45	4.05	0.24	40.0	9.2	9	16.70	36.9
N811728		3.78	<0.005	0.30	7.36	11.6	530	1.91	0.12	2.85	0.39	41.2	9.0	12	16.35	15.5
N811729		<0.02	<0.005	0.29	7.50	12.0	550	1.80	0.13	2.94	0.38	39.2	9.0	11	15.80	16.0
N811730		3.02	0.006	0.22	7.28	18.4	910	1.61	0.24	3.25	0.26	38.6	8.8	11	18.85	14.3
N811731		2.65	0.314	8.42	7.59	1545	1250	1.54	0.71	2.94	8.99	44.6	8.8	11	18.35	105.0
N811732		2.09	<0.005	0.02	0.07	<5	30	0.06	0.03	21.4	0.06	1.40	1.7	<1	0.25	11.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192024

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811697		3.24	17.15	0.12	0.6	0.055	2.31	16.0	40.8	0.85	1240	2.89	1.16	8.5	5.4	550
N811698		3.14	14.10	0.17	0.7	0.044	1.96	15.5	35.4	0.99	1100	3.05	0.95	7.1	6.2	540
N811699		3.27	15.10	0.13	0.6	0.035	2.01	14.5	104.0	1.01	1120	0.89	0.29	7.4	5.1	580
N811700		2.87	15.45	0.13	0.6	0.044	2.13	13.4	34.4	0.94	959	5.68	0.77	7.2	4.7	520
N811701		2.76	14.35	0.15	0.5	0.074	1.89	16.0	40.1	1.08	1480	17.05	0.04	6.9	5.0	490
N811702		6.45	13.80	0.19	0.9	1.700	2.56	21.2	20.8	0.89	1880	13.35	0.04	6.0	15.3	440
N811703		2.47	15.45	0.15	0.6	0.032	1.88	17.9	87.7	0.80	1260	6.21	0.03	7.6	4.3	520
N811704		2.66	15.20	0.15	0.7	0.039	1.70	22.6	121.5	0.90	1280	30.5	0.03	7.8	4.3	520
N811705		3.44	13.95	0.17	0.6	0.123	2.78	23.6	26.6	1.14	3170	3.29	0.05	6.9	4.7	470
N811706		2.97	15.30	0.17	0.6	0.060	2.43	23.8	116.5	1.01	1880	4.00	0.08	7.6	4.5	540
N811707		3.11	16.35	0.18	0.6	0.038	2.24	17.1	14.7	0.93	745	2.15	2.08	8.6	5.2	590
N811708		3.08	15.60	0.17	0.6	0.028	1.98	19.6	15.7	0.98	918	1.83	1.99	8.0	4.9	550
N811709		2.95	14.90	0.16	0.5	0.040	2.20	15.2	12.9	0.96	968	6.19	1.50	7.7	4.3	550
N811710		3.27	15.80	0.18	0.6	0.033	1.91	21.3	16.3	0.90	601	1.93	2.25	8.0	5.1	580
N811711		3.11	14.80	0.19	0.6	0.043	2.77	24.7	19.2	1.30	1460	1.35	0.45	7.7	4.9	570
N811712		0.52	0.50	0.11	<0.1	<0.005	0.09	0.7	2.1	13.40	227	0.16	0.01	0.4	4.3	180
N811713		3.33	16.60	0.16	0.8	0.034	2.09	18.5	21.7	0.81	510	1.79	1.60	9.3	5.0	610
N811714		3.46	14.70	0.17	0.6	0.117	2.84	20.4	15.0	1.26	3080	0.90	0.68	7.8	5.0	540
N811715		3.26	15.35	0.18	0.6	0.026	2.16	17.8	13.6	1.02	714	2.42	2.16	7.9	5.1	590
N811716		3.33	15.95	0.19	0.6	0.034	2.15	18.8	11.7	0.97	680	5.69	1.94	8.2	4.9	600
N811717		3.34	15.20	0.16	0.6	0.037	2.21	20.0	19.8	1.05	989	4.81	1.70	7.8	5.2	580
N811718		4.30	12.05	0.18	0.5	0.392	2.72	23.8	15.1	1.26	4840	2.92	0.03	6.1	4.6	430
N811719		3.19	15.25	0.18	0.6	0.038	2.56	23.3	20.3	0.98	1740	1.79	1.21	8.0	4.9	610
N811720		8.06	12.50	0.26	1.1	4.87	2.32	15.5	30.2	0.63	3170	16.00	0.08	5.9	13.9	470
N811721		3.24	16.05	0.15	0.7	0.030	2.01	18.9	14.1	1.00	672	6.44	2.25	8.3	5.1	590
N811722		2.78	15.50	0.18	0.8	0.037	2.34	20.1	17.0	0.90	846	2.29	1.83	8.0	4.5	520
N811723		3.09	15.25	0.16	0.7	0.031	2.04	17.3	12.6	0.86	695	4.25	2.20	8.6	4.8	570
N811724		3.31	15.85	0.18	0.7	0.033	2.09	18.3	13.0	0.91	727	1.83	2.31	9.4	5.1	610
N811725		3.10	14.40	0.18	0.7	0.038	2.49	21.2	14.4	0.94	1100	0.58	1.46	8.7	4.7	570
N811726		3.08	15.05	0.19	0.7	0.086	2.11	20.2	39.6	0.95	1070	3.64	1.30	8.7	4.6	570
N811727		3.06	13.70	0.18	0.6	0.112	2.67	21.2	11.6	1.15	2840	0.61	0.92	7.6	4.3	520
N811728		2.88	15.70	0.16	0.8	0.033	1.41	21.6	339	0.84	895	1.30	0.10	8.8	4.5	560
N811729		2.94	15.70	0.16	0.8	0.033	1.44	20.2	334	0.85	931	1.37	0.11	8.8	4.5	570
N811730		3.07	15.05	0.17	0.7	0.039	2.06	19.3	147.0	0.92	1260	2.20	1.06	7.8	4.5	550
N811731		3.77	15.20	0.20	0.7	0.287	2.74	24.8	228	0.95	3610	3.17	0.07	7.4	4.6	520
N811732		0.48	0.27	0.11	<0.1	0.005	0.02	0.7	1.6	12.60	207	0.10	0.01	0.3	2.8	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192024

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811697		48.8	82.5	<0.002	0.23	8.38	11.5	1	2.9	357	0.61	<0.05	8.8	0.292	1.19	2.0
N811698		78.2	72.2	0.002	0.20	6.29	10.9	<1	1.7	493	0.59	<0.05	8.7	0.284	1.14	2.9
N811699		48.6	63.8	<0.002	0.22	13.30	11.8	<1	1.8	270	0.60	<0.05	8.1	0.305	1.76	2.3
N811700		12.4	76.6	<0.002	0.11	10.50	10.5	1	2.9	226	0.56	<0.05	7.5	0.283	1.61	3.4
N811701		134.0	78.8	0.003	0.24	19.95	10.6	1	3.1	209	0.54	<0.05	8.5	0.261	1.79	2.1
N811702		2860	147.0	0.002	4.76	85.9	8.6	2	7.3	88.3	0.48	0.32	10.6	0.183	2.27	5.4
N811703		25.4	61.6	<0.002	0.21	26.2	11.4	1	1.9	235	0.58	<0.05	10.1	0.281	1.40	3.4
N811704		19.5	82.8	0.006	0.30	28.5	12.0	1	1.8	187.5	0.73	<0.05	12.2	0.278	1.38	3.4
N811705		174.5	176.0	0.002	0.95	26.6	10.8	1	1.9	153.0	0.63	<0.05	11.5	0.250	2.37	4.5
N811706		95.9	116.5	<0.002	0.23	15.75	11.8	2	1.9	243	0.64	<0.05	10.9	0.284	1.71	2.6
N811707		12.2	77.7	<0.002	0.10	3.90	12.4	2	1.7	434	0.69	<0.05	9.1	0.308	1.01	2.3
N811708		11.4	71.4	<0.002	0.12	3.60	11.6	2	1.6	426	0.65	<0.05	9.8	0.293	0.94	2.6
N811709		12.5	76.1	0.002	0.14	3.21	10.7	1	1.8	348	0.64	<0.05	8.1	0.295	1.10	2.2
N811710		13.5	68.1	<0.002	0.04	2.49	12.1	2	1.8	502	0.63	<0.05	9.6	0.313	0.80	2.4
N811711		13.0	157.5	<0.002	0.17	3.61	12.1	2	2.1	202	0.62	<0.05	10.6	0.306	2.13	2.7
N811712		1.3	4.7	<0.002	<0.01	0.05	0.6	1	<0.2	41.4	<0.05	<0.05	0.2	0.008	0.04	0.7
N811713		13.0	77.8	<0.002	0.04	2.77	12.7	2	1.6	434	0.85	<0.05	10.6	0.327	0.76	3.0
N811714		56.4	142.0	<0.002	0.71	13.80	11.2	1	1.6	266	0.68	0.10	9.9	0.288	2.17	4.5
N811715		11.6	83.7	<0.002	0.05	1.78	11.7	2	1.6	403	0.63	<0.05	9.5	0.316	1.07	2.7
N811716		11.8	86.5	0.002	0.02	1.73	12.5	2	2.5	426	0.64	<0.05	9.3	0.328	1.10	2.5
N811717		13.2	85.7	0.002	0.12	4.81	12.1	2	2.7	394	0.63	<0.05	10.1	0.312	1.25	2.4
N811718		777	180.0	<0.002	2.58	38.9	9.5	1	1.7	98.7	0.48	<0.05	9.4	0.239	2.65	5.1
N811719		17.8	121.0	<0.002	0.43	5.56	12.3	2	2.0	294	0.62	<0.05	10.9	0.319	1.75	3.3
N811720		9980	125.0	<0.002	7.21	232	7.5	3	8.5	116.0	0.46	0.51	8.6	0.191	2.22	5.6
N811721		16.2	68.4	0.002	0.05	1.42	12.4	2	1.6	457	0.68	<0.05	10.0	0.316	0.77	2.8
N811722		16.6	94.9	<0.002	0.22	3.63	11.0	2	1.6	347	0.73	<0.05	11.6	0.284	1.24	3.6
N811723		12.9	58.8	<0.002	0.03	1.06	10.8	1	1.5	431	0.83	<0.05	9.1	0.306	0.83	3.1
N811724		13.0	64.7	0.003	0.05	1.07	11.9	2	1.5	455	0.95	<0.05	10.2	0.322	0.87	3.9
N811725		10.8	126.5	<0.002	0.05	1.63	12.0	2	1.6	271	0.89	<0.05	11.1	0.301	1.69	5.7
N811726		14.3	83.0	0.003	0.14	4.40	11.7	2	1.5	346	0.83	<0.05	10.8	0.308	1.19	3.6
N811727		414	162.5	<0.002	0.52	10.05	11.0	1	3.3	198.5	0.75	<0.05	9.8	0.275	2.41	5.3
N811728		13.3	55.7	<0.002	0.11	25.1	12.5	1	1.4	246	0.85	<0.05	11.5	0.296	0.99	3.9
N811729		13.9	51.9	<0.002	0.12	24.7	12.4	2	1.4	251	0.88	<0.05	11.0	0.302	1.01	4.3
N811730		35.2	75.5	0.002	0.14	11.75	11.5	1	1.6	304	0.67	<0.05	11.8	0.290	1.26	2.7
N811731		1230	147.0	<0.002	1.42	57.3	11.8	2	2.0	167.0	0.67	<0.05	12.8	0.281	2.00	4.2
N811732		2.2	1.3	<0.002	0.01	0.11	0.4	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192024

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811697		94	3.5	12.1	45	12.8	<1	
N811698		89	54.9	11.8	108	12.0	10	
N811699		99	11.5	12.1	57	10.4	1	
N811700		89	3.6	9.9	61	9.7	<1	
N811701		80	9.0	11.2	102	9.3	<1	
N811702		56	5.0	9.6	5610	28.7	27	
N811703		84	8.8	10.9	95	12.5	<1	
N811704		86	7.9	14.4	75	14.8	<1	
N811705		80	5.3	13.8	174	12.7	1	
N811706		87	3.7	15.6	65	13.4	<1	
N811707		94	1.9	14.0	41	12.6	<1	
N811708		91	4.5	15.7	41	12.9	<1	
N811709		91	4.8	11.7	39	11.5	<1	
N811710		94	6.6	13.0	45	12.6	<1	
N811711		92	4.3	15.0	46	13.1	<1	
N811712		4	0.2	0.9	14	<0.5	<1	
N811713		101	3.7	12.6	49	15.1	<1	
N811714		88	4.7	14.4	84	13.2	<1	
N811715		97	2.1	12.8	41	13.5	<1	
N811716		102	3.7	13.5	41	12.5	<1	
N811717		95	2.8	13.7	48	12.4	<1	
N811718		71	3.8	10.7	581	10.8	4	
N811719		96	2.4	12.6	54	12.2	<1	
N811720		53	4.6	9.2	>10000	36.7	122	1.605
N811721		98	1.1	13.8	57	14.4	<1	
N811722		88	3.2	12.6	59	18.8	<1	
N811723		93	1.5	12.0	56	13.8	<1	
N811724		100	1.5	14.1	57	14.9	<1	
N811725		91	2.0	13.6	76	14.4	<1	
N811726		92	3.2	15.1	98	14.2	<1	
N811727		83	3.2	14.4	59	13.3	1	
N811728		88	6.2	13.7	82	16.1	<1	
N811729		90	6.4	13.5	84	15.9	<1	
N811730		89	4.3	13.4	68	14.6	<1	
N811731		87	5.5	13.8	809	13.8	7	
N811732		2	0.1	1.0	14	<0.5	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 101

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12192024

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192025

Project: Klaza - 101

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

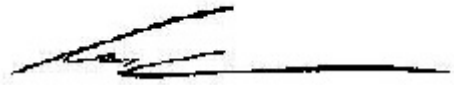
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192025

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811733		1.35	<0.005	0.14	7.43	6.3	1100	1.38	0.15	3.06	0.14	38.0	8.1	13	25.7	19.7
N811734		3.93	0.006	0.50	7.87	59.5	1070	1.40	0.19	3.23	0.26	43.9	9.6	12	26.7	77.1
N811735		2.06	<0.005	0.17	7.86	4.1	1220	1.66	0.25	3.20	0.22	44.1	9.1	12	28.3	61.6
N811736		1.78	0.023	0.48	7.47	118.0	890	1.50	0.31	2.83	0.44	39.9	11.3	14	24.9	140.5
N811737		2.46	<0.005	0.18	7.32	10.3	1600	1.55	0.29	2.45	0.12	42.5	7.3	10	17.00	18.7
N811738		1.15	<0.005	0.15	7.42	11.5	1490	1.45	0.20	2.64	0.14	41.3	6.5	12	13.05	29.1
N811739		3.38	<0.005	0.13	6.71	11.4	1790	1.36	0.23	3.18	0.18	39.7	7.1	9	13.20	17.1
N811740		0.30	2.30	22.9	5.89	3290	460	1.19	21.6	2.12	73.8	41.2	9.2	19	12.20	436
N811741		4.14	<0.005	0.17	6.97	9.3	1790	1.44	0.26	2.61	0.18	38.4	6.6	9	15.20	13.1
N811742		2.25	0.023	1.04	6.69	296	1210	1.42	0.37	3.88	0.89	46.4	6.0	7	16.35	44.6
N811743		2.02	0.005	0.90	7.19	69.1	1090	1.78	0.39	2.53	0.62	45.8	7.0	8	17.85	33.3
N811744		1.92	0.098	1.75	6.75	1135	1010	1.27	1.15	3.32	3.17	46.5	8.3	7	16.40	21.1
N811745		5.07	<0.005	0.04	0.06	<5	30	0.06	0.03	20.2	0.05	0.96	0.5	<1	0.14	2.5
N811746		1.44	<0.005	0.10	7.33	14.6	1700	1.49	0.19	2.79	0.12	44.5	6.7	9	12.90	22.2
N811747		2.52	<0.005	0.06	6.94	5.6	1860	1.47	0.16	2.97	0.10	39.4	7.2	10	10.80	12.5
N811748		2.76	<0.005	0.25	7.30	27.0	1620	1.38	0.29	2.93	0.41	43.3	6.9	10	11.25	17.2
N811749		3.08	<0.005	0.16	6.99	29.0	1370	1.40	0.14	3.44	0.18	36.9	7.4	10	12.85	12.3
N811750		4.61	<0.005	0.10	7.47	9.3	1990	1.39	0.17	3.02	0.12	38.8	7.8	13	10.10	10.5
N811751		<0.02	<0.005	0.09	7.46	10.1	1990	1.52	0.17	3.08	0.09	42.4	8.2	10	10.50	11.3
N811752		2.56	0.034	2.02	7.14	330	1070	1.44	0.20	5.26	1.59	46.8	7.7	6	16.30	20.3
N811753		3.27	<0.005	0.13	7.15	6.0	2000	1.44	0.43	3.01	0.16	40.2	8.0	8	18.55	17.6
N811754		0.31	2.34	23.6	6.07	3340	320	1.34	22.0	2.17	77.8	42.8	9.5	19	12.90	438
N811755		2.49	<0.005	0.17	7.29	5.4	2110	1.47	0.23	2.90	0.15	37.5	8.3	10	14.95	20.0
N811756		1.63	0.051	2.00	6.99	78.0	3200	1.56	0.63	2.46	2.67	42.7	7.1	8	16.35	34.9
N811757		2.83	<0.005	0.18	7.42	9.1	1660	1.58	0.12	3.01	0.13	39.7	7.0	9	16.05	15.7
N811758		2.49	<0.005	0.42	7.40	25.1	1580	1.58	0.18	2.79	2.57	45.2	7.9	8	13.25	19.0
N811759		3.08	0.412	16.25	6.27	567	1290	1.45	0.30	4.06	12.95	39.5	6.1	6	23.5	52.5
N811760		3.20	0.028	1.76	6.38	171.5	570	1.23	0.08	3.26	1.34	42.9	3.6	4	10.80	14.9
N811761		4.53	0.032	1.17	6.98	243	610	1.44	0.08	2.86	1.25	46.7	7.6	6	15.30	30.1
N811762		2.47	0.019	1.72	6.67	414	510	1.20	0.06	3.15	1.94	47.8	6.7	8	11.90	11.5
N811763		2.11	0.034	2.85	6.30	873	1500	1.33	0.06	4.42	0.44	46.7	6.6	6	11.95	20.5
N811764		5.56	0.021	1.55	6.98	423	1120	1.32	0.06	3.67	0.26	46.0	7.6	9	12.50	24.0
N811765		2.20	0.017	1.41	7.42	84.9	1670	1.33	0.07	3.19	0.19	49.5	7.1	8	10.20	25.7
N811766		1.72	0.038	2.32	6.45	510	1460	1.38	0.07	3.32	2.01	40.5	7.6	6	15.60	17.8
N811767		1.60	<0.005	0.01	0.08	<5	30	0.05	0.03	20.5	0.06	1.06	0.6	<1	0.34	2.0
N811768		3.64	<0.005	0.19	6.93	31.0	940	1.43	0.10	3.06	0.19	45.0	6.0	7	14.10	17.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192025

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811733		3.02	15.50	0.15	0.6	0.029	2.20	19.2	138.5	0.83	774	5.47	1.15	7.8	4.4	560
N811734		3.10	16.25	0.18	0.7	0.031	2.66	22.4	73.1	0.98	1010	4.64	0.85	8.0	5.3	580
N811735		3.26	15.75	0.20	0.6	0.036	2.17	23.2	61.0	0.77	716	1.87	1.97	7.9	5.0	590
N811736		3.18	14.75	0.18	0.6	0.042	2.18	20.6	59.4	0.90	888	3.60	0.68	7.7	5.1	560
N811737		2.73	14.55	0.16	1.3	0.027	2.54	22.5	20.4	0.73	602	2.77	1.73	7.7	2.9	550
N811738		2.85	14.85	0.16	1.3	0.038	2.40	18.5	19.1	0.75	652	2.82	1.48	7.6	4.0	620
N811739		2.83	13.40	0.14	1.4	0.033	2.47	18.4	24.2	0.86	811	7.74	1.27	6.7	2.7	590
N811740		6.27	12.00	0.16	0.9	1.510	2.52	21.2	20.5	0.87	1860	11.60	0.04	4.9	14.7	430
N811741		2.60	14.45	0.15	1.5	0.034	2.62	18.4	29.7	0.64	654	6.99	1.44	7.1	2.7	560
N811742		2.62	13.35	0.16	1.4	0.094	3.00	25.7	12.0	0.96	3640	7.47	0.03	6.2	2.8	520
N811743		2.93	14.65	0.16	1.6	0.038	2.62	23.3	96.2	0.85	1300	13.25	0.56	7.4	3.0	620
N811744		3.50	13.45	0.16	1.3	0.338	2.94	25.4	33.8	0.95	4940	4.29	0.11	6.0	3.0	530
N811745		0.45	0.16	0.15	<0.1	0.009	0.02	0.5	1.2	12.60	207	0.16	<0.01	0.1	1.7	170
N811746		3.45	13.95	0.19	1.5	0.147	2.84	20.9	21.0	0.81	1450	4.03	1.23	6.7	2.8	630
N811747		3.00	14.00	0.17	1.5	0.045	2.54	19.0	10.2	0.80	912	3.21	1.73	6.9	3.2	620
N811748		3.26	13.50	0.16	1.3	0.067	2.74	21.1	19.1	0.83	1180	1.50	1.40	6.6	2.8	610
N811749		3.00	13.95	0.17	1.1	0.037	2.74	17.5	20.1	0.83	1230	1.80	0.99	6.6	2.9	700
N811750		3.39	14.25	0.15	1.4	0.040	2.44	19.0	11.1	0.89	965	2.61	1.67	6.9	3.0	690
N811751		3.26	14.85	0.15	1.4	0.040	2.49	20.8	11.7	0.88	950	2.80	1.71	7.4	2.9	690
N811752		3.56	13.45	0.18	1.3	0.112	3.10	26.3	21.2	1.21	4910	2.20	0.04	6.3	2.7	610
N811753		2.98	14.45	0.16	1.3	0.038	2.49	19.2	36.5	0.86	864	2.12	0.81	6.8	2.9	660
N811754		6.39	12.40	0.17	1.0	1.555	2.55	21.3	24.3	0.89	1890	12.30	0.04	5.3	15.0	440
N811755		3.37	14.95	0.14	1.3	0.037	2.40	17.1	28.3	0.78	728	2.57	1.72	7.1	3.1	700
N811756		3.21	13.25	0.18	1.3	0.103	2.07	22.7	144.5	0.74	1590	2.68	0.07	6.2	2.8	630
N811757		2.90	14.05	0.16	1.4	0.035	2.53	19.2	46.1	0.75	867	3.43	0.44	6.7	4.2	680
N811758		3.19	14.95	0.18	1.4	0.530	2.35	21.9	47.8	0.84	1000	1.67	1.23	7.4	3.0	650
N811759		2.84	11.40	0.16	1.2	0.151	2.39	22.8	33.5	0.88	3240	2.29	0.03	5.8	2.7	460
N811760		2.15	12.65	0.16	1.4	0.053	2.92	26.7	12.4	0.91	3240	2.65	0.05	5.4	1.6	250
N811761		3.70	14.35	0.15	1.3	0.211	2.43	25.9	40.9	0.99	4310	2.56	0.03	5.9	2.8	520
N811762		2.83	12.50	0.17	1.4	0.055	3.04	26.9	8.0	0.96	3490	0.98	0.03	6.4	2.8	560
N811763		3.06	12.25	0.16	1.2	0.037	2.84	24.9	11.5	1.45	4610	1.73	0.02	5.8	2.4	480
N811764		2.63	12.80	0.16	1.2	0.030	2.37	24.7	45.0	1.16	1830	8.65	0.03	6.2	2.8	570
N811765		2.74	13.85	0.17	1.3	0.033	2.12	28.6	79.5	1.09	1220	2.19	0.02	7.0	2.8	600
N811766		2.60	12.00	0.18	1.7	0.039	2.58	22.8	20.4	0.93	2970	2.68	0.02	5.9	2.5	500
N811767		0.47	0.24	0.17	<0.1	0.006	0.04	0.5	1.3	12.85	226	0.12	<0.01	0.2	2.0	170
N811768		2.41	12.25	0.24	1.6	0.023	2.64	24.6	32.8	0.96	939	1.04	0.14	6.7	2.1	450

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192025

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811733		13.7	69.7	<0.002	0.03	5.63	11.4	1	1.8	323	0.67	<0.05	10.0	0.304	1.02	3.7
N811734		14.4	104.5	<0.002	0.45	21.8	12.7	2	2.1	257	0.70	<0.05	12.4	0.318	2.05	3.6
N811735		17.1	88.3	<0.002	0.03	3.11	13.1	2	2.8	379	0.66	<0.05	12.7	0.309	1.02	3.6
N811736		14.5	89.4	0.002	0.52	43.0	12.7	2	2.0	205	0.65	<0.05	11.0	0.305	1.39	3.2
N811737		13.5	105.0	<0.002	0.08	3.53	10.1	1	1.6	291	0.70	<0.05	13.4	0.261	1.25	4.3
N811738		14.7	104.5	0.003	0.08	4.45	11.7	<1	1.9	283	0.68	<0.05	11.3	0.292	1.33	4.0
N811739		15.3	97.8	0.005	0.12	4.35	9.6	<1	2.2	255	0.62	<0.05	10.9	0.259	1.39	3.7
N811740		2790	157.5	<0.002	4.64	79.5	7.6	<1	6.7	83.7	0.44	0.38	10.8	0.177	2.32	5.0
N811741		17.7	101.0	0.008	0.07	4.30	9.8	1	1.7	272	0.67	<0.05	11.8	0.251	1.18	3.5
N811742		85.6	204	0.005	0.57	15.70	9.8	<1	1.4	90.2	0.57	<0.05	12.8	0.229	2.38	6.4
N811743		29.0	118.0	0.011	0.25	13.75	11.0	<1	1.6	177.5	0.70	<0.05	13.1	0.272	1.84	5.5
N811744		106.5	175.5	0.007	1.11	17.40	9.7	1	1.9	88.5	0.57	<0.05	13.9	0.232	1.95	4.5
N811745		1.8	1.1	<0.002	<0.01	0.23	0.1	<1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811746		20.7	123.5	0.005	0.07	4.65	11.0	<1	1.5	272	0.61	<0.05	12.8	0.276	1.60	3.5
N811747		15.2	97.9	0.004	0.04	1.77	10.3	1	1.4	329	0.63	<0.05	10.7	0.270	1.25	3.6
N811748		24.2	121.5	0.002	0.22	3.63	10.6	1	1.8	281	0.61	<0.05	12.4	0.270	1.58	3.7
N811749		12.7	111.0	<0.002	0.09	3.76	10.9	<1	1.3	251	0.48	<0.05	8.3	0.300	1.65	3.0
N811750		14.8	87.1	0.002	0.05	1.66	11.3	1	1.3	339	0.59	<0.05	9.6	0.304	1.04	2.5
N811751		14.3	95.1	<0.002	0.04	1.79	11.8	1	1.5	342	0.56	<0.05	9.4	0.308	1.06	2.4
N811752		267	200	0.002	0.77	12.00	11.3	1	1.6	119.5	0.52	<0.05	12.4	0.261	2.53	5.2
N811753		11.7	98.9	0.002	0.07	4.51	11.3	<1	1.5	211	0.50	<0.05	9.6	0.296	1.29	3.0
N811754		2840	160.0	0.002	4.71	81.3	7.7	1	7.2	84.8	0.45	0.41	10.7	0.179	2.33	5.0
N811755		16.6	84.7	<0.002	0.02	3.98	11.7	<1	1.5	339	0.57	<0.05	9.8	0.310	1.07	2.3
N811756		189.5	99.5	<0.002	0.47	27.0	11.8	<1	1.8	174.0	0.50	<0.05	10.5	0.290	1.48	3.8
N811757		14.3	92.1	<0.002	0.06	8.33	11.3	<1	1.4	160.5	0.58	<0.05	11.3	0.300	1.46	3.1
N811758		28.6	91.0	<0.002	0.13	5.23	11.4	1	1.7	288	0.62	<0.05	11.4	0.296	1.25	2.8
N811759		781	154.0	<0.002	1.08	28.7	8.3	<1	5.6	257	0.58	<0.05	12.5	0.210	2.12	5.9
N811760		93.1	193.5	0.002	0.40	16.65	5.2	<1	3.0	74.6	0.68	<0.05	19.7	0.125	1.94	3.5
N811761		112.5	156.5	<0.002	0.88	21.4	10.6	1	5.4	116.5	0.54	<0.05	13.9	0.240	2.04	7.3
N811762		134.5	182.5	<0.002	1.03	16.65	11.9	<1	1.6	58.7	0.64	<0.05	14.2	0.262	2.08	4.2
N811763		21.3	198.0	<0.002	0.66	26.4	9.7	1	1.9	92.5	0.57	<0.05	13.6	0.222	2.57	5.1
N811764		16.3	131.0	0.003	0.46	17.80	10.4	<1	3.8	176.0	0.58	<0.05	13.7	0.256	2.35	7.1
N811765		13.1	120.0	<0.002	0.64	15.40	11.7	1	2.1	272	0.62	<0.05	15.5	0.269	2.20	4.7
N811766		89.4	169.0	0.002	1.16	22.5	9.4	<1	1.9	208	0.59	<0.05	13.6	0.225	2.42	6.7
N811767		1.3	2.3	<0.002	<0.01	0.21	0.2	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N811768		12.0	163.0	<0.002	0.12	13.90	8.6	1	1.4	122.5	0.71	<0.05	18.9	0.208	1.68	7.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12192025

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811733		94	3.2	12.8	54	12.6	<1
N811734		99	12.2	14.4	61	14.1	<1
N811735		98	3.9	15.1	59	13.1	<1
N811736		96	5.4	14.0	69	13.1	<1
N811737		73	3.7	12.5	40	38.3	<1
N811738		88	4.4	13.9	49	30.1	<1
N811739		72	4.7	12.6	52	34.7	<1
N811740		55	5.0	8.5	5330	21.5	25
N811741		69	6.3	12.5	51	36.3	<1
N811742		65	7.3	14.5	90	35.9	<1
N811743		76	6.2	14.9	70	41.2	<1
N811744		69	4.2	14.1	302	31.0	2
N811745		1	0.1	0.7	14	0.5	<1
N811746		80	4.1	14.2	68	32.9	<1
N811747		78	3.8	12.9	61	34.6	<1
N811748		77	2.8	13.6	92	29.4	<1
N811749		86	3.1	12.8	64	25.2	<1
N811750		87	4.2	13.1	58	32.6	<1
N811751		87	3.8	13.4	58	35.9	<1
N811752		78	4.4	16.8	141	34.2	1
N811753		85	2.7	13.9	54	33.3	<1
N811754		56	5.0	9.4	5410	23.1	26
N811755		92	2.2	13.8	62	35.3	<1
N811756		86	6.9	12.9	326	30.8	2
N811757		87	5.6	12.8	60	35.5	<1
N811758		84	4.7	15.1	243	34.8	<1
N811759		58	4.9	10.8	1030	29.8	18
N811760		48	1.4	10.8	126	37.3	1
N811761		77	3.7	12.9	131	33.3	1
N811762		71	2.0	13.3	197	34.3	2
N811763		68	2.1	11.9	66	31.1	2
N811764		74	5.1	12.1	61	28.7	1
N811765		76	5.8	12.8	55	30.7	1
N811766		66	3.6	11.1	193	31.9	2
N811767		2	0.1	0.7	14	0.5	<1
N811768		59	2.2	13.5	49	35.7	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 101

Finalized Date: 2-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12192025

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192026

Project: Klaza -105

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

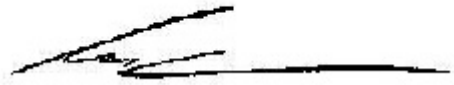
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza -105

CERTIFICATE OF ANALYSIS WH12192026

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814439		5.71	<0.005	0.09	6.95	6.7	2150	1.62	0.68	2.64	0.07	43.7	8.4	12	5.41	7.3
N814440		4.18	<0.005	0.04	7.20	11.2	2170	1.73	0.12	2.53	0.08	47.5	9.1	11	5.05	6.4
N814441		1.64	<0.005	0.04	7.47	5.7	2190	1.58	0.30	2.58	0.09	51.0	9.0	9	5.52	6.3
N814442		6.32	<0.005	0.04	7.00	5.9	2080	1.45	0.10	2.43	0.06	46.6	8.0	10	4.67	5.0
N814443		6.85	<0.005	0.08	7.23	5.2	2120	1.67	0.35	2.65	0.09	49.6	9.0	11	4.82	7.1
N814444		0.31	0.781	10.45	6.72	1395	1330	1.65	6.77	1.79	41.8	46.4	17.9	19	16.05	107.5
N814445		3.13	<0.005	0.39	7.34	8.4	2210	1.76	0.10	2.65	0.12	51.2	10.4	10	4.48	5.6
N814446		4.22	<0.005	0.13	7.35	5.4	2210	1.56	0.25	2.71	0.09	50.0	8.4	11	5.72	5.3
N814447		6.95	<0.005	0.25	7.13	5.2	2180	1.61	0.11	2.63	0.07	49.1	8.3	11	6.52	5.3
N814448		2.60	<0.005	0.67	6.53	31.5	1440	1.43	0.66	2.68	0.79	45.5	10.2	8	9.01	8.7
N814449		4.40	<0.005	0.13	6.95	6.7	2020	1.44	0.13	2.53	0.10	46.3	6.5	9	5.71	4.5
N814450		<0.02	<0.005	0.09	7.08	5.7	2070	1.66	0.21	2.59	0.09	48.5	6.8	9	6.09	4.3
N814451		3.10	<0.005	0.14	7.09	14.0	1980	1.55	0.20	2.51	0.19	44.4	9.6	8	8.57	12.3
N814452		4.83	<0.005	0.10	7.19	4.6	2080	1.67	0.22	2.21	0.14	48.4	6.4	8	10.90	6.9
N814453		7.44	<0.005	0.08	6.85	5.8	2160	1.61	0.18	2.38	0.12	49.9	6.5	9	8.35	5.8
N814454		3.00	<0.005	0.08	7.26	13.5	1970	1.77	0.27	2.19	0.11	52.9	9.2	8	12.10	7.2
N814455		2.28	<0.005	0.11	7.11	14.3	1530	1.47	0.25	1.93	0.13	48.1	5.7	7	14.70	5.1
N814456		2.32	<0.005	0.03	0.05	<5	40	<0.05	0.07	20.5	0.05	1.16	0.6	<1	0.12	1.2
N814457		7.92	<0.005	0.06	7.05	4.4	2010	1.67	0.14	2.39	0.07	49.5	7.9	8	7.46	7.8
N814458		2.81	<0.005	0.04	6.76	6.1	1970	1.71	0.20	2.70	0.08	43.4	8.9	8	8.94	8.7
N814459		5.19	<0.005	0.05	7.12	4.6	2060	1.71	0.14	2.73	0.10	42.7	8.3	8	9.21	10.5
N814460		4.46	<0.005	0.03	6.94	4.7	2130	1.59	0.17	2.32	0.06	44.6	8.3	8	10.05	15.6
N814461		2.67	<0.005	0.05	6.90	8.8	1700	1.42	0.19	2.26	0.07	39.7	10.6	7	16.30	33.3
N814462		2.83	<0.005	0.06	7.41	9.8	2200	1.22	0.14	1.80	0.06	50.1	9.0	8	17.60	34.6
N814463		3.29	<0.005	0.04	7.29	4.2	2150	1.27	0.10	2.41	0.05	40.2	7.8	7	13.95	33.7
N814464		2.28	<0.005	0.05	7.18	7.5	2090	1.44	0.14	2.36	0.08	42.1	7.1	7	13.55	10.2
N814465		4.02	<0.005	0.07	5.86	13.2	1580	1.24	0.09	3.86	0.22	36.8	6.2	5	16.70	4.1
N814466		2.52	<0.005	0.01	0.11	<5	30	0.06	0.04	19.75	0.06	1.33	0.7	<1	0.38	2.2
N814467		5.29	<0.005	0.05	6.34	8.2	1890	1.57	0.13	2.61	0.07	37.0	7.3	9	18.85	5.0
N814468		2.86	<0.005	0.18	6.35	12.8	1880	1.46	0.65	2.69	0.13	37.0	8.4	8	16.15	7.6
N814469		0.29	2.40	27.7	5.84	2590	1560	1.49	20.9	2.08	78.5	43.5	11.6	17	14.10	432
N814470		4.84	<0.005	0.47	7.03	7.2	2080	1.48	0.28	2.47	0.12	45.0	8.7	10	8.32	5.6
N814471		3.87	<0.005	0.14	7.33	8.5	2220	1.40	0.31	2.60	0.09	43.2	6.7	9	10.00	14.6
N814472		2.88	0.022	4.10	6.51	106.5	1380	1.25	2.77	3.38	0.51	41.3	22.7	8	19.65	653
N814473		2.81	<0.005	0.18	6.98	7.8	2140	1.68	0.29	2.91	0.11	39.0	7.4	11	9.57	30.3
N814474		5.75	<0.005	0.10	7.65	1.9	2240	1.46	0.15	2.90	0.07	49.8	7.2	13	7.52	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza -105

CERTIFICATE OF ANALYSIS WH12192026

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814439		2.90	16.15	0.13	1.1	0.044	2.49	19.2	14.2	0.84	648	3.44	2.30	7.8	2.9	600
N814440		2.84	16.85	0.13	1.0	0.042	2.44	21.9	16.5	0.85	574	1.93	2.32	8.0	2.8	600
N814441		2.91	17.50	0.16	1.2	0.046	2.53	23.9	17.0	0.88	584	1.09	2.34	8.3	2.8	630
N814442		2.75	15.15	0.15	1.0	0.037	2.37	21.6	14.0	0.84	575	1.25	2.22	7.2	2.6	590
N814443		2.95	17.45	0.15	1.2	0.042	2.43	23.1	16.1	0.87	618	0.91	2.33	8.4	3.0	650
N814444		5.14	15.55	0.15	1.3	0.921	2.85	22.6	25.4	0.68	1910	13.00	0.27	7.6	16.0	510
N814445		2.98	17.85	0.16	1.3	0.045	2.48	25.7	15.5	0.93	654	0.73	2.30	8.7	3.0	640
N814446		2.94	16.15	0.15	1.3	0.043	2.54	23.0	15.3	0.92	663	0.55	2.28	7.6	2.6	630
N814447		2.91	16.70	0.15	1.2	0.042	2.49	22.4	13.7	0.88	648	0.57	2.23	8.2	3.3	640
N814448		2.77	15.10	0.16	1.0	0.100	2.57	20.4	10.0	0.66	1330	0.44	1.17	7.5	2.8	590
N814449		2.75	15.50	0.14	1.2	0.036	2.51	22.2	10.7	0.79	645	0.52	2.12	7.5	2.5	600
N814450		2.82	16.80	0.17	1.2	0.039	2.59	22.3	11.5	0.81	672	0.50	2.17	7.9	2.7	610
N814451		2.92	16.50	0.16	1.3	0.044	2.62	20.1	21.3	0.71	511	0.36	1.41	8.4	3.1	620
N814452		2.76	16.15	0.15	1.3	0.043	2.64	22.8	15.9	0.70	506	0.46	1.81	7.9	2.5	590
N814453		2.72	16.55	0.15	1.2	0.047	2.47	22.9	14.6	0.77	583	0.62	2.04	8.1	2.6	600
N814454		3.22	16.50	0.16	1.3	0.043	2.43	26.1	24.1	0.84	509	0.62	1.41	9.0	3.1	640
N814455		2.48	15.90	0.14	1.2	0.056	2.44	24.3	34.0	0.65	489	0.49	0.53	7.7	2.3	600
N814456		0.42	0.18	0.16	<0.1	<0.005	0.02	0.5	1.1	12.20	187	0.08	0.01	0.1	1.4	180
N814457		2.96	15.95	0.18	1.2	0.042	2.50	22.5	17.4	0.94	619	0.63	2.08	8.3	2.7	620
N814458		2.71	15.50	0.16	1.0	0.044	2.48	19.9	16.7	0.82	693	0.64	1.89	7.6	2.5	580
N814459		2.91	15.80	0.14	1.3	0.038	2.47	19.8	16.7	0.85	716	0.62	2.00	8.0	2.7	610
N814460		2.78	15.00	0.14	1.1	0.038	2.49	20.6	17.2	0.72	528	0.45	1.88	7.5	2.5	620
N814461		2.95	16.25	0.16	1.2	0.037	2.45	17.8	25.8	0.62	577	0.54	0.61	8.0	2.6	610
N814462		2.46	17.45	0.13	1.3	0.039	2.41	23.2	35.4	0.54	639	0.46	0.16	8.9	2.6	660
N814463		2.57	17.00	0.16	1.2	0.034	2.50	18.2	26.5	0.52	509	0.54	0.81	7.8	2.4	610
N814464		2.69	16.30	0.15	1.3	0.027	2.42	19.5	42.8	0.68	635	0.55	0.74	7.9	2.4	590
N814465		2.54	12.15	0.15	1.0	0.028	1.90	19.0	165.0	1.36	827	0.44	0.06	6.2	2.1	480
N814466		0.45	0.34	0.16	<0.1	<0.005	0.04	0.6	1.8	11.65	194	0.09	0.01	0.2	1.8	160
N814467		2.55	15.50	0.20	1.3	0.030	2.37	17.1	15.8	0.64	565	0.53	1.78	7.7	2.5	550
N814468		2.78	14.80	0.15	0.8	0.140	2.61	17.8	32.7	0.82	803	0.25	0.83	7.3	2.1	560
N814469		6.28	14.40	0.16	1.0	1.760	2.58	23.2	24.7	0.87	1810	13.15	0.04	6.1	16.0	440
N814470		2.85	15.25	0.16	1.0	0.069	2.40	20.5	10.5	0.73	642	0.25	2.18	7.5	2.5	600
N814471		2.98	15.10	0.09	1.0	0.066	2.79	20.9	16.3	0.77	594	0.22	2.13	7.6	2.9	610
N814472		3.26	14.05	0.07	1.1	0.105	2.53	20.0	47.5	1.09	1000	0.44	0.32	7.1	4.3	560
N814473		2.96	15.50	0.08	1.2	0.056	2.68	18.0	10.2	0.85	678	0.59	2.17	8.1	2.9	610
N814474		2.95	15.25	0.10	1.3	0.049	2.72	24.1	10.9	0.86	643	0.57	2.34	7.8	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza -105

CERTIFICATE OF ANALYSIS WH12192026

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814439		14.8	89.3	0.002	0.03	1.03	10.9	1	1.5	381	0.63	<0.05	11.3	0.265	0.88	3.9
N814440		14.6	97.6	<0.002	0.01	0.83	11.1	<1	1.5	396	0.67	<0.05	11.7	0.262	0.83	2.9
N814441		14.8	103.0	<0.002	0.01	0.82	12.6	<1	1.7	405	0.68	<0.05	13.5	0.267	0.87	3.3
N814442		14.2	85.4	<0.002	0.01	0.64	10.8	<1	1.3	383	0.62	<0.05	11.9	0.252	0.80	3.1
N814443		16.0	96.9	<0.002	0.02	0.87	12.4	<1	1.4	398	0.69	<0.05	12.2	0.271	0.90	3.4
N814444		1360	163.5	<0.002	3.14	35.0	9.3	<1	6.0	150.0	0.62	0.26	12.6	0.203	2.52	5.4
N814445		16.5	106.5	<0.002	0.01	0.83	13.4	<1	1.5	402	0.73	<0.05	14.4	0.271	0.87	4.0
N814446		15.4	92.1	<0.002	0.01	0.87	11.1	<1	1.4	403	0.67	<0.05	13.7	0.271	0.90	3.5
N814447		16.5	97.8	<0.002	0.01	1.28	12.2	<1	1.4	389	0.70	<0.05	13.3	0.270	0.96	3.5
N814448		32.2	116.5	<0.002	0.45	10.75	10.7	<1	1.6	208	0.66	<0.05	12.0	0.249	1.66	4.9
N814449		17.6	95.9	<0.002	0.01	1.73	10.6	1	1.4	375	0.69	<0.05	14.4	0.254	1.06	3.0
N814450		17.2	102.5	<0.002	0.01	1.91	11.3	<1	1.5	382	0.68	<0.05	14.1	0.257	1.08	3.1
N814451		21.0	97.0	<0.002	0.06	7.75	11.6	<1	1.8	292	0.74	<0.05	11.9	0.271	1.15	2.7
N814452		19.3	108.0	0.002	0.02	6.85	11.1	<1	1.5	339	0.69	<0.05	14.4	0.254	1.19	3.2
N814453		17.7	99.3	<0.002	0.01	2.89	11.4	<1	1.5	337	0.68	<0.05	13.7	0.260	1.04	3.7
N814454		19.1	115.0	<0.002	0.09	4.31	12.6	<1	1.7	290	0.75	<0.05	14.4	0.274	1.16	3.8
N814455		17.4	104.5	<0.002	0.14	13.40	11.1	<1	1.6	153.0	0.70	<0.05	14.1	0.257	1.36	3.5
N814456		1.4	0.9	<0.002	<0.01	0.10	0.1	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.04	0.8
N814457		15.2	99.7	<0.002	0.01	1.30	11.6	1	2.0	341	0.70	<0.05	13.9	0.269	0.93	3.7
N814458		15.6	93.6	<0.002	0.03	1.15	10.7	<1	2.1	335	0.61	<0.05	12.4	0.258	0.93	4.1
N814459		16.3	98.1	<0.002	0.01	1.21	11.6	<1	2.5	360	0.67	<0.05	12.7	0.265	0.85	4.0
N814460		15.4	95.0	<0.002	0.01	2.03	10.6	<1	4.0	335	0.68	<0.05	13.2	0.264	0.89	3.0
N814461		15.8	81.5	<0.002	0.03	5.34	10.6	<1	8.4	182.0	0.64	<0.05	11.5	0.256	1.07	2.1
N814462		14.5	85.2	<0.002	0.07	11.90	11.8	<1	8.8	117.5	0.73	<0.05	13.2	0.283	1.21	2.5
N814463		15.6	86.9	<0.002	0.01	5.91	10.7	<1	8.5	211	0.63	<0.05	11.0	0.257	0.96	2.0
N814464		15.7	80.5	<0.002	0.04	6.77	10.3	<1	2.8	193.0	0.70	<0.05	11.4	0.257	1.06	3.6
N814465		9.9	67.7	<0.002	0.10	13.40	8.5	<1	1.3	164.0	0.60	<0.05	11.1	0.201	1.20	4.3
N814466		1.8	2.5	<0.002	<0.01	0.13	0.3	<1	<0.2	42.8	<0.05	<0.05	0.2	<0.005	0.05	0.4
N814467		15.6	88.0	<0.002	0.02	3.05	9.1	<1	1.5	327	0.73	<0.05	10.5	0.232	1.03	3.6
N814468		10.6	124.0	<0.002	0.07	10.05	9.7	<1	1.5	169.0	0.64	<0.05	10.2	0.223	1.78	3.2
N814469		2810	173.0	<0.002	4.75	91.3	8.3	<1	8.2	97.3	0.51	0.33	11.3	0.176	2.52	5.6
N814470		15.7	96.9	<0.002	0.03	2.16	10.8	<1	1.4	349	0.65	<0.05	12.1	0.259	1.09	3.0
N814471		16.3	95.0	<0.002	0.05	2.51	10.4	<1	1.3	374	0.62	<0.05	11.5	0.270	1.29	3.2
N814472		38.5	89.4	<0.002	0.80	37.3	9.4	1	1.3	149.0	0.63	<0.05	10.9	0.238	1.97	4.8
N814473		16.9	85.9	<0.002	0.02	1.51	10.4	1	1.4	381	0.70	<0.05	10.5	0.273	1.08	3.6
N814474		17.6	96.5	0.003	0.01	0.72	11.0	1	1.4	401	0.69	<0.05	13.9	0.268	1.07	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza -105

CERTIFICATE OF ANALYSIS WH12192026

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814439		77	0.9	15.5	46	28.8	<1
N814440		73	0.6	16.3	42	27.9	<1
N814441		76	0.6	18.2	42	33.7	<1
N814442		72	0.6	15.6	41	25.4	<1
N814443		77	0.7	17.7	45	31.1	<1
N814444		58	5.4	11.6	2820	38.8	9
N814445		78	0.6	19.7	48	32.6	<1
N814446		77	0.8	16.4	45	30.2	<1
N814447		76	0.7	17.6	48	30.5	<1
N814448		70	1.9	13.9	127	23.7	<1
N814449		70	0.7	15.6	51	28.3	<1
N814450		72	0.7	17.0	51	31.3	<1
N814451		75	2.3	15.8	60	31.7	<1
N814452		70	1.6	16.2	55	30.2	<1
N814453		74	0.9	16.8	46	30.5	<1
N814454		81	1.6	18.4	50	33.4	<1
N814455		73	3.9	15.6	44	29.0	<1
N814456		1	0.1	0.7	14	<0.5	<1
N814457		77	0.9	16.8	46	29.6	<1
N814458		73	0.8	15.5	43	25.9	<1
N814459		76	0.8	16.5	45	32.7	<1
N814460		75	1.4	14.8	42	27.4	<1
N814461		75	2.2	15.5	44	30.3	<1
N814462		81	2.8	16.3	47	32.0	<1
N814463		73	1.3	14.6	43	31.0	<1
N814464		71	1.7	15.6	43	31.2	<1
N814465		57	3.0	13.9	54	23.9	<1
N814466		2	0.1	0.8	16	0.5	<1
N814467		65	1.4	14.1	42	30.7	<1
N814468		67	1.5	12.8	53	20.5	<1
N814469		56	5.3	9.9	5080	25.5	25
N814470		70	1.1	14.4	54	24.2	<1
N814471		74	1.1	14.0	52	24.8	<1
N814472		67	2.7	13.3	86	25.3	3
N814473		76	0.7	15.3	51	27.8	<1
N814474		73	0.6	16.7	47	28.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza -105

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12192026

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192028

Project: Klaza - 106

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

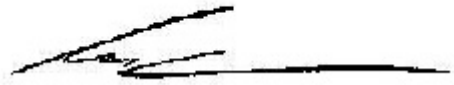
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12192028

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355533		5.49	<0.005	0.07	7.21	7.6	2140	1.43	0.26	2.68	0.08	43.0	7.2	14	7.20	4.4
M355534		2.66	0.062	6.43	7.39	244	2110	1.43	0.37	2.70	4.29	44.0	6.8	11	8.67	22.1
M355535		3.55	<0.005	0.14	7.44	8.6	2250	1.49	0.31	2.55	0.10	46.7	6.6	12	6.67	4.8
M355536		7.61	<0.005	0.08	7.26	4.7	2250	1.48	0.18	2.80	0.07	45.2	7.5	14	5.55	5.5
M355537		2.96	<0.005	0.08	7.98	4.6	2330	1.56	0.27	3.28	0.10	49.4	10.2	10	6.61	9.9
M355538		5.44	<0.005	0.06	7.22	3.8	2160	1.65	0.13	2.67	0.05	51.3	8.6	11	9.13	20.7
M355539		0.30	2.26	24.2	5.74	2700	1880	1.56	19.70	2.17	77.5	42.0	11.3	16	14.40	435
M355540		7.32	<0.005	0.09	7.41	6.3	2020	1.68	0.22	2.85	0.12	47.3	8.5	14	7.41	5.9
M355541		6.06	<0.005	0.30	7.19	13.7	2300	1.65	0.22	2.69	0.40	46.5	8.4	12	8.87	46.5
M355542		2.11	0.283	11.55	6.21	1065	1040	1.41	5.58	3.07	1.04	44.3	34.7	11	10.70	73.4
M355543		3.57	<0.005	0.02	0.05	<5	20	0.05	0.02	20.4	0.09	1.23	1.5	<1	0.20	2.4
M355544		7.25	<0.005	0.10	7.00	6.9	2120	1.69	0.23	3.48	0.10	43.2	8.7	12	10.00	7.1
M355545		8.60	<0.005	0.06	7.66	5.2	2470	1.86	0.20	2.66	0.06	41.4	8.1	13	7.61	5.7
M355546		8.14	<0.005	0.06	7.37	4.8	2170	1.81	0.23	2.78	0.08	46.0	8.6	12	5.24	7.4
M355547		<0.02	<0.005	0.09	6.83	4.7	2020	1.54	0.29	2.63	0.08	44.1	8.6	12	5.20	5.1
M355548		8.85	<0.005	0.10	7.04	5.4	1960	1.45	0.65	2.21	0.06	44.4	7.7	13	5.39	2.9
M355549		7.68	<0.005	0.09	7.38	5.6	2230	1.53	0.57	2.52	0.09	47.8	9.3	15	6.26	3.7
M355550		7.93	<0.005	0.09	7.25	5.4	2350	1.54	0.41	2.45	0.07	41.5	8.4	13	6.78	3.1
M355551		7.77	<0.005	0.08	7.01	5.3	2340	1.40	0.23	2.60	0.07	41.1	8.1	12	6.44	5.3
M355552		3.37	<0.005	0.13	7.11	9.8	2260	1.37	0.26	2.68	0.08	43.5	7.0	12	7.76	12.5
M355553		1.61	<0.005	0.15	7.16	12.2	2280	1.47	0.28	2.80	0.10	44.2	7.4	10	8.24	13.7
M355554		2.36	0.056	1.05	6.65	175.0	2420	1.38	0.31	3.14	1.71	41.2	8.6	10	15.55	37.8
M355555		4.44	<0.005	0.11	7.19	6.5	1770	1.54	0.37	2.44	0.08	43.6	7.0	12	8.57	2.7
M355556		0.30	0.838	9.86	6.42	1805	910	1.36	6.99	1.88	41.2	43.4	16.6	19	16.20	107.0
M355557		7.07	<0.005	0.14	7.07	8.5	1480	1.49	0.45	2.35	0.16	43.2	6.8	11	6.90	1.7
M355558		3.64	<0.005	0.23	6.82	13.2	2050	1.33	0.50	2.72	0.83	39.4	12.8	9	11.55	8.2
M355559		2.88	0.013	0.96	4.26	12	2600	0.92	0.18	11.10	2.60	34.7	3.7	3	21.2	11.4
M355560		2.79	<0.005	0.03	0.07	<5	40	0.06	0.04	19.20	0.05	1.18	0.6	<1	0.16	1.6
M355561		2.69	<0.005	0.12	6.21	5.0	1570	1.00	0.30	2.61	0.09	35.3	4.8	9	11.05	3.9
M355562		5.07	<0.005	0.08	6.71	4.6	1920	1.23	0.33	2.62	0.10	42.8	7.4	12	8.20	5.0
M355563		4.12	<0.005	0.17	6.87	4.4	2110	1.44	0.32	2.84	0.10	35.6	8.7	11	7.32	3.0
M355564		2.50	<0.005	0.12	6.70	7.0	2230	1.47	0.37	2.99	0.13	37.0	12.4	10	9.52	5.0
M355565		6.27	<0.005	0.07	6.99	5.0	2240	1.34	0.24	2.62	0.10	43.5	8.2	13	6.40	5.5
M355566		1.97	0.008	0.38	7.06	18.9	2180	1.46	0.56	2.59	0.16	48.9	16.7	11	5.91	31.3
M355567		7.42	<0.005	0.08	6.98	5.2	2210	1.33	0.32	2.77	0.10	41.3	8.5	13	5.52	5.2
M355568		6.57	<0.005	0.06	7.07	3.9	2220	1.47	0.31	2.68	0.09	42.4	8.4	11	5.88	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12192028

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355533		3.06	14.20	0.18	1.2	0.045	2.40	21.4	11.2	0.83	591	0.53	2.06	7.0	3.0	620
M355534		3.44	14.50	0.16	1.0	0.107	2.59	22.1	11.8	0.79	1060	0.54	1.48	6.7	3.1	620
M355535		3.16	14.40	0.17	1.0	0.046	2.49	23.0	14.4	0.90	554	0.53	2.11	7.0	3.0	610
M355536		3.16	14.35	0.16	1.1	0.042	2.38	21.3	13.0	0.91	665	0.65	2.18	7.2	3.1	630
M355537		3.83	15.15	0.19	1.4	0.050	2.20	25.7	14.4	1.30	941	0.65	2.40	6.7	4.0	890
M355538		3.10	17.40	0.12	1.1	0.046	2.46	27.6	16.3	0.85	553	1.79	2.02	8.3	3.2	630
M355539		6.42	15.55	0.15	0.9	1.760	2.64	24.2	25.8	0.88	1840	13.25	0.05	6.1	17.2	440
M355540		3.30	17.55	0.12	1.0	0.063	2.10	24.8	16.3	0.98	603	0.69	2.42	8.2	3.2	650
M355541		3.32	17.65	0.13	1.0	0.068	2.52	24.0	14.1	0.88	605	0.69	2.05	8.3	3.0	640
M355542		6.43	15.00	0.16	0.8	0.165	2.53	24.6	8.9	0.92	1500	1.40	0.66	6.7	3.7	500
M355543		0.44	0.33	0.06	<0.1	<0.005	0.02	0.6	1.0	12.65	195	0.12	<0.01	0.3	0.6	180
M355544		3.15	17.65	0.13	1.0	0.043	2.50	22.6	17.6	0.78	702	0.72	1.70	8.0	3.1	610
M355545		3.33	18.00	0.14	1.2	0.043	2.62	21.4	15.5	0.98	606	0.65	2.34	8.8	3.1	650
M355546		3.34	17.95	0.16	1.1	0.050	2.42	24.4	12.7	0.92	613	0.70	2.26	8.6	3.1	660
M355547		3.09	17.40	0.14	1.1	0.058	2.22	22.2	11.2	0.86	574	0.44	2.24	8.5	3.1	600
M355548		3.64	16.90	0.12	1.0	0.052	2.01	22.3	11.5	0.89	580	0.47	2.57	8.0	2.9	620
M355549		3.79	18.15	0.15	1.1	0.050	2.28	24.5	12.9	0.97	586	1.57	2.46	8.6	3.4	670
M355550		3.69	18.30	0.13	1.1	0.042	2.36	20.7	13.9	0.96	580	0.59	2.61	8.6	3.2	660
M355551		3.31	16.70	0.13	1.1	0.049	2.38	20.8	11.8	0.91	637	0.44	2.27	7.9	2.8	640
M355552		3.25	15.95	0.13	1.3	0.065	2.28	22.7	9.7	0.84	807	0.38	2.14	7.7	3.2	620
M355553		3.30	17.90	0.14	1.2	0.069	2.37	22.2	10.7	0.83	838	0.38	2.16	8.5	2.9	610
M355554		3.20	17.15	0.14	1.2	0.077	2.66	21.3	16.1	0.74	1550	0.62	0.86	8.2	2.8	570
M355555		3.57	16.80	0.15	1.1	0.059	1.90	23.3	14.0	0.88	716	0.49	2.53	8.2	2.8	610
M355556		5.22	15.40	0.15	1.4	0.936	2.82	22.5	22.9	0.69	1940	12.30	0.26	7.4	14.8	480
M355557		3.67	16.45	0.13	1.1	0.074	1.74	22.1	16.1	0.96	720	0.67	2.66	8.3	3.2	630
M355558		3.23	16.40	0.15	1.1	0.069	2.50	20.6	22.2	0.68	849	0.83	1.27	7.8	2.9	610
M355559		2.42	9.61	0.11	0.7	0.047	1.40	20.1	76.1	0.83	2310	0.29	0.09	4.6	1.5	350
M355560		0.43	0.23	0.11	<0.1	<0.005	0.03	0.6	1.4	11.60	174	<0.05	0.02	0.2	1.3	170
M355561		2.62	14.30	0.14	0.9	0.038	2.60	18.4	21.1	0.53	572	1.35	1.31	6.1	2.3	490
M355562		2.88	16.60	0.12	1.2	0.057	2.67	20.9	16.0	0.72	560	1.17	2.18	7.6	3.2	580
M355563		3.18	16.75	0.13	1.1	0.032	2.48	16.6	14.6	0.84	591	0.72	2.13	8.2	3.1	630
M355564		3.14	17.45	0.14	1.1	0.048	2.47	16.8	14.6	0.84	617	0.66	2.17	8.6	3.2	670
M355565		3.16	17.45	0.15	1.1	0.036	2.44	21.5	12.6	0.93	572	0.48	2.30	8.3	2.9	630
M355566		3.28	17.35	0.16	1.1	0.039	2.49	25.1	11.7	0.84	616	0.40	2.14	8.2	3.2	600
M355567		3.14	17.60	0.13	1.2	0.029	2.54	20.3	12.6	0.90	575	1.59	2.29	8.6	3.2	610
M355568		3.23	17.30	0.15	1.2	0.031	2.48	21.3	12.0	0.92	600	0.61	2.25	8.6	2.9	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12192028

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355533		15.0	90.6	<0.002	0.04	2.19	10.8	1	1.6	376	0.57	<0.05	10.9	0.273	1.05	3.2
M355534		268	119.0	<0.002	0.81	18.60	11.0	1	2.0	309	0.50	<0.05	9.3	0.271	1.48	2.8
M355535		14.0	98.0	<0.002	0.10	1.54	10.7	1	1.7	392	0.56	<0.05	11.1	0.266	1.13	3.1
M355536		14.1	84.9	<0.002	0.01	1.25	10.6	<1	1.6	393	0.59	<0.05	11.4	0.282	0.92	3.3
M355537		14.0	87.7	<0.002	0.01	0.94	14.1	1	1.7	445	0.52	<0.05	11.6	0.343	0.98	3.0
M355538		13.7	87.9	<0.002	0.01	1.77	12.9	2	1.7	370	0.67	<0.05	12.8	0.272	0.96	3.1
M355539		2830	158.0	0.002	4.63	88.0	9.6	2	7.7	87.6	0.51	0.40	11.6	0.179	2.43	5.5
M355540		14.6	77.4	<0.002	0.01	2.44	13.5	2	2.6	426	0.67	<0.05	12.2	0.289	0.96	3.4
M355541		26.5	88.0	<0.002	0.08	3.72	13.2	2	1.8	411	0.66	<0.05	12.0	0.281	1.00	3.1
M355542		398	133.5	<0.002	4.40	46.3	11.1	3	2.9	181.5	0.50	5.29	11.3	0.220	1.60	4.5
M355543		2.3	1.4	<0.002	<0.01	0.09	0.4	2	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M355544		17.2	79.7	<0.002	0.02	4.43	12.7	1	1.6	370	0.70	<0.05	11.4	0.269	0.91	3.5
M355545		14.7	97.5	<0.002	0.01	1.45	13.4	2	1.8	449	0.80	<0.05	12.3	0.284	0.99	4.2
M355546		15.2	82.9	<0.002	0.02	1.38	13.9	2	2.0	419	0.73	<0.05	12.1	0.283	0.99	4.2
M355547		15.4	86.0	0.002	0.01	1.41	12.0	<1	2.1	396	0.69	<0.05	11.1	0.277	1.10	3.8
M355548		15.5	80.7	0.002	0.01	2.55	11.1	<1	4.1	403	0.63	<0.05	10.9	0.286	1.20	3.7
M355549		14.7	101.5	0.002	<0.01	2.93	12.5	1	4.3	425	0.67	<0.05	11.0	0.301	1.30	3.8
M355550		15.9	88.4	<0.002	0.01	2.33	11.4	<1	4.2	440	0.69	<0.05	10.2	0.299	1.22	3.6
M355551		14.7	84.7	<0.002	0.03	1.75	10.9	<1	2.8	402	0.62	<0.05	9.5	0.290	1.11	3.1
M355552		14.8	89.0	0.002	0.11	2.78	11.1	<1	2.6	349	0.65	<0.05	13.0	0.275	1.13	4.4
M355553		15.4	90.1	<0.002	0.13	3.11	11.2	1	2.8	356	0.64	<0.05	11.7	0.278	1.18	4.0
M355554		77.6	122.5	0.004	0.48	15.10	10.9	<1	2.6	223	0.63	<0.05	11.0	0.273	1.85	4.1
M355555		14.7	85.5	<0.002	0.04	2.68	11.3	<1	3.5	356	0.72	<0.05	13.1	0.285	1.16	4.1
M355556		1395	150.5	<0.002	2.99	34.9	8.5	1	5.9	140.5	0.59	0.24	11.2	0.216	2.51	5.0
M355557		15.2	72.7	0.002	0.01	2.72	10.5	1	3.5	327	0.67	<0.05	10.7	0.286	1.09	3.5
M355558		36.2	92.7	0.002	0.17	5.35	10.6	<1	2.1	267	0.63	<0.05	10.1	0.269	1.44	3.6
M355559		421	72.9	0.002	0.22	17.90	6.9	1	1.4	329	0.37	<0.05	7.1	0.162	1.29	6.6
M355560		2.0	1.2	0.003	<0.01	0.12	0.2	<1	0.2	39.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M355561		15.1	87.1	0.002	0.02	3.84	7.9	1	1.4	234	0.45	<0.05	10.7	0.239	1.25	2.4
M355562		14.6	96.1	0.005	0.01	2.16	10.2	<1	1.6	335	0.53	<0.05	14.8	0.260	1.17	3.1
M355563		13.9	78.7	<0.002	0.02	2.12	10.5	<1	1.7	406	0.65	<0.05	8.2	0.290	1.03	3.1
M355564		14.7	83.2	0.003	0.04	4.58	11.0	1	1.8	392	0.65	<0.05	8.7	0.298	1.25	3.6
M355565		14.1	83.8	0.003	0.01	1.72	11.1	<1	1.8	446	0.62	<0.05	10.1	0.285	1.07	3.4
M355566		20.8	102.5	0.002	0.35	14.60	11.4	1	1.9	390	0.69	<0.05	11.9	0.276	1.15	3.7
M355567		14.8	86.9	0.003	0.01	2.18	11.3	<1	1.9	411	0.65	<0.05	10.7	0.292	1.03	3.9
M355568		15.1	89.8	0.003	0.02	1.56	11.4	<1	1.9	410	0.71	<0.05	12.0	0.290	1.06	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12192028

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355533		76	0.8	14.9	43	25.5	<1
M355534		75	2.6	14.2	543	21.7	6
M355535		74	0.9	15.1	42	22.9	<1
M355536		80	0.5	15.3	43	23.6	<1
M355537		113	2.1	17.3	57	28.3	<1
M355538		74	0.9	16.0	39	26.6	<1
M355539		54	5.4	9.8	5430	25.2	26
M355540		81	1.4	17.5	46	23.5	<1
M355541		79	1.8	16.8	82	25.1	<1
M355542		62	5.2	14.3	137	20.9	11
M355543		2	0.1	0.8	15	<0.5	<1
M355544		76	1.9	17.6	50	23.9	<1
M355545		77	0.9	18.2	41	28.2	<1
M355546		78	1.0	17.3	42	26.1	<1
M355547		77	0.9	16.2	40	27.6	<1
M355548		77	2.3	14.0	46	23.5	<1
M355549		83	13.6	16.0	48	26.2	<1
M355550		86	1.3	15.1	48	26.2	<1
M355551		81	1.5	14.4	46	25.6	<1
M355552		78	1.3	15.3	48	28.5	<1
M355553		78	1.4	15.7	50	27.8	<1
M355554		75	3.7	14.2	165	28.7	1
M355555		75	2.5	14.9	57	25.4	<1
M355556		60	5.0	10.5	3100	40.8	9
M355557		77	2.4	13.4	61	27.1	<1
M355558		74	2.1	14.2	99	25.1	<1
M355559		50	1.5	21.3	211	14.3	1
M355560		2	0.1	0.8	13	<0.5	<1
M355561		66	1.6	9.9	46	24.4	<1
M355562		73	1.1	13.4	43	32.5	<1
M355563		80	7.1	14.4	44	26.8	<1
M355564		89	1.7	15.1	47	26.3	<1
M355565		81	1.2	15.8	41	26.6	<1
M355566		75	1.2	16.1	49	24.4	<1
M355567		81	18.3	16.1	42	26.5	<1
M355568		83	1.2	16.1	43	27.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 106

Finalized Date: 2-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12192028

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192029

Project: Klaza

P.O. No.:

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

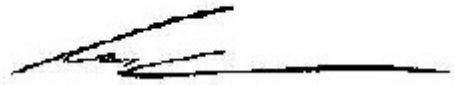
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50501		0.16	0.023	0.5	2.85	17	<10	260	0.9	2	0.35	<0.5	15	28	41	3.68
ZZ50502		0.22	0.052	0.2	1.94	31	<10	200	0.6	2	0.28	<0.5	9	17	22	3.72
ZZ50503		0.17	0.027	<0.2	1.72	18	<10	130	0.5	2	0.32	<0.5	10	22	21	2.85
ZZ50504		0.16	0.008	<0.2	1.83	8	<10	170	0.5	2	0.31	<0.5	9	25	21	2.54
ZZ50505		0.20	0.008	0.2	1.94	14	<10	120	0.5	2	0.23	<0.5	7	23	20	2.44
ZZ50506		0.23	0.008	<0.2	1.45	15	<10	140	0.6	3	0.35	<0.5	11	21	19	3.33
ZZ50507		0.11	0.017	0.8	1.15	39	<10	100	0.6	3	0.20	0.9	10	19	22	3.04
ZZ50508		0.11	0.015	0.7	1.87	19	<10	160	0.5	2	0.25	<0.5	8	25	23	2.85
ZZ50509		0.14	<0.005	0.3	1.77	11	<10	170	<0.5	2	0.30	<0.5	9	24	17	2.64
ZZ50510		0.08	0.014	0.3	1.93	15	<10	270	0.5	<2	0.36	<0.5	11	26	23	2.76
ZZ50511		0.17	0.007	<0.2	1.80	13	<10	260	<0.5	<2	0.50	<0.5	12	25	20	3.18
ZZ50512		0.07	NSS	0.6	0.85	7	<10	140	<0.5	<2	0.72	<0.5	2	10	23	1.13
ZZ50513		0.15	NSS	0.3	1.42	13	<10	200	<0.5	<2	0.48	<0.5	9	22	22	2.76
ZZ50514		0.14	0.006	0.7	1.49	18	<10	240	<0.5	<2	0.39	<0.5	5	18	32	2.05
ZZ50515		0.12	0.024	1.4	2.30	31	<10	320	<0.5	<2	0.56	<0.5	4	22	33	2.23
ZZ50516		0.13	0.007	0.9	1.39	16	<10	200	<0.5	<2	0.37	<0.5	7	14	19	1.84
ZZ50517		0.11	0.009	0.7	1.75	6	<10	290	<0.5	<2	0.46	0.5	7	19	27	1.41
ZZ50518		0.12	0.035	1.1	1.58	28	<10	280	<0.5	<2	0.57	<0.5	5	18	21	1.78
ZZ50519		0.09	0.007	0.6	1.59	18	<10	320	<0.5	<2	0.61	<0.5	7	19	22	2.02
ZZ50520		0.22	0.023	0.4	1.25	28	<10	170	<0.5	<2	0.40	<0.5	7	20	24	2.48
ZZ50521		0.12	0.055	1.2	1.52	19	<10	190	<0.5	<2	0.50	<0.5	7	21	31	2.16
ZZ50522		0.09	NSS	0.2	0.98	11	<10	270	0.6	<2	1.11	0.6	43	8	26	12.50
ZZ50523		0.20	<0.005	<0.2	0.99	5	<10	140	<0.5	<2	0.34	<0.5	4	14	12	1.63
ZZ50527		0.19	0.005	0.4	0.42	6	<10	60	<0.5	<2	0.35	<0.5	3	4	11	1.24
ZZ50528		0.39	0.129	0.2	1.01	16	<10	170	<0.5	<2	0.35	<0.5	6	17	20	2.09
ZZ50529		0.24	0.097	1.3	1.13	62	<10	350	0.6	3	0.65	<0.5	6	18	39	2.43
ZZ50530		0.32	0.026	0.3	1.37	47	<10	260	<0.5	2	0.57	<0.5	7	19	55	2.51
ZZ50531		0.19	0.052	1.4	1.23	40	<10	360	<0.5	2	1.19	0.9	7	14	71	2.59
ZZ50532		0.24	0.017	1.7	1.02	8	<10	170	<0.5	<2	0.19	0.5	5	16	23	1.76
ZZ50533		0.33	0.007	0.5	1.64	13	<10	110	<0.5	<2	0.17	<0.5	7	24	17	2.27
ZZ50534		0.27	0.010	0.9	1.91	15	<10	120	0.5	<2	0.17	<0.5	7	25	22	2.34
ZZ50535		0.37	<0.005	0.7	1.64	16	<10	110	<0.5	<2	0.15	0.6	6	24	16	2.57
ZZ50536		0.34	0.019	0.7	1.10	11	<10	120	<0.5	<2	0.22	<0.5	6	20	18	1.77
ZZ50537		0.21	0.034	2.2	1.55	15	<10	270	<0.5	<2	0.16	<0.5	4	15	40	2.07
ZZ50538		0.18	0.011	0.2	1.14	12	<10	190	<0.5	<2	0.31	<0.5	4	14	21	1.70
ZZ50539		0.50	0.014	0.3	1.33	11	<10	260	<0.5	<2	0.57	<0.5	7	16	29	2.07
ZZ50540		0.26	0.006	0.2	1.24	11	<10	180	<0.5	<2	0.45	<0.5	6	16	34	2.10
ZZ50541		0.29	0.129	0.9	1.78	15	<10	300	<0.5	<2	0.36	<0.5	5	15	77	2.15
ZZ50542		0.21	0.071	1.9	1.57	108	<10	320	<0.5	<2	0.34	0.9	6	21	17	2.39
ZZ50543		0.36	0.014	0.8	1.33	33	<10	200	<0.5	<2	0.30	<0.5	7	18	12	1.79

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50501		10	0.08	0.10	20	0.56	636	1	0.02	15	980	28	0.05	3	7	33
ZZ50502		10	0.08	0.10	20	0.61	357	1	0.02	9	440	55	0.01	2	7	23
ZZ50503		<10	0.03	0.08	20	0.49	406	<1	0.02	12	620	17	0.02	<2	6	21
ZZ50504		<10	0.04	0.07	20	0.58	224	<1	0.02	13	530	17	0.02	<2	5	21
ZZ50505		<10	0.08	0.08	10	0.42	248	1	0.02	14	680	17	0.04	<2	3	18
ZZ50506		<10	0.05	0.16	20	0.55	611	1	0.02	11	700	22	0.01	2	5	26
ZZ50507		<10	0.04	0.09	10	0.33	1160	1	0.01	11	530	147	0.05	6	3	27
ZZ50508		10	0.07	0.09	10	0.46	434	1	0.01	14	460	60	0.02	4	3	23
ZZ50509		10	0.06	0.10	10	0.59	621	1	0.02	13	410	24	0.02	2	4	27
ZZ50510		10	0.01	0.10	10	0.67	434	<1	0.02	14	570	19	0.03	<2	4	32
ZZ50511		10	<0.01	0.09	10	0.87	497	<1	0.02	13	520	16	0.02	<2	4	40
ZZ50512		<10	0.08	0.05	10	0.20	76	<1	0.02	5	900	4	0.12	<2	1	58
ZZ50513		<10	0.08	0.09	10	0.72	416	<1	0.02	12	690	24	0.01	<2	5	35
ZZ50514		<10	0.04	0.06	10	0.48	137	<1	0.02	9	620	22	0.05	3	4	32
ZZ50515		10	0.14	0.08	10	0.43	114	<1	0.02	11	840	34	0.08	2	5	47
ZZ50516		<10	0.04	0.06	10	0.34	350	<1	0.02	7	510	18	0.04	3	3	32
ZZ50517		10	0.05	0.06	10	0.44	216	<1	0.02	9	630	22	0.07	<2	4	39
ZZ50518		<10	0.11	0.06	10	0.39	205	<1	0.01	8	740	14	0.05	2	5	45
ZZ50519		<10	0.07	0.07	10	0.40	465	<1	0.02	11	870	12	0.07	<2	3	50
ZZ50520		<10	0.02	0.08	10	0.52	416	<1	0.02	9	520	11	<0.01	4	5	27
ZZ50521		<10	0.08	0.07	20	0.49	292	<1	0.01	9	740	10	0.04	<2	6	35
ZZ50522		<10	0.05	0.02	20	0.08	3270	1	0.02	1	960	<2	0.12	2	3	96
ZZ50523		<10	0.02	0.04	10	0.29	150	<1	0.01	6	670	10	0.03	3	2	24
ZZ50527		<10	0.01	0.02	10	0.08	162	<1	0.03	3	650	2	0.01	2	1	18
ZZ50528		<10	<0.01	0.05	10	0.37	274	<1	0.02	10	370	9	0.01	2	3	22
ZZ50529		<10	0.19	0.05	20	0.31	392	1	0.02	10	950	18	0.06	2	4	43
ZZ50530		10	0.10	0.08	20	0.50	400	<1	0.01	9	530	9	0.01	4	5	34
ZZ50531		<10	0.14	0.06	20	0.36	523	1	0.02	9	870	14	0.07	3	3	66
ZZ50532		<10	0.07	0.05	10	0.21	447	<1	0.02	6	630	16	0.02	<2	2	19
ZZ50533		<10	<0.01	0.07	10	0.39	291	<1	0.01	12	530	20	<0.01	4	3	15
ZZ50534		<10	0.02	0.08	10	0.39	244	<1	0.02	14	430	22	0.01	<2	3	16
ZZ50535		10	<0.01	0.07	10	0.34	404	<1	0.01	12	290	17	<0.01	2	2	14
ZZ50536		<10	0.06	0.05	10	0.33	481	<1	0.01	9	630	27	0.03	2	2	19
ZZ50537		<10	0.14	0.07	10	0.21	144	<1	0.02	7	830	38	0.04	3	2	18
ZZ50538		<10	0.02	0.05	10	0.27	254	<1	0.02	7	650	7	0.03	2	3	26
ZZ50539		<10	0.04	0.06	10	0.37	369	<1	0.02	9	720	7	0.04	3	3	74
ZZ50540		<10	0.01	0.05	10	0.35	414	<1	0.02	8	590	6	0.04	3	3	63
ZZ50541		10	0.12	0.08	10	0.42	134	2	0.02	8	690	32	0.04	5	4	36
ZZ50542		<10	0.06	0.08	10	0.36	442	<1	0.01	8	680	164	0.02	4	4	22
ZZ50543		<10	0.01	0.07	10	0.37	374	<1	0.01	8	610	63	0.01	2	3	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50501		<20	0.04	<10	<10	69	<10	89
ZZ50502		<20	0.05	<10	<10	73	<10	119
ZZ50503		<20	0.06	<10	<10	57	<10	61
ZZ50504		<20	0.08	<10	<10	56	<10	57
ZZ50505		<20	0.05	<10	<10	47	<10	46
ZZ50506		<20	0.09	<10	<10	54	<10	65
ZZ50507		<20	0.05	<10	<10	40	<10	135
ZZ50508		<20	0.06	<10	<10	52	<10	81
ZZ50509		<20	0.08	<10	<10	63	<10	71
ZZ50510		<20	0.08	<10	<10	70	<10	64
ZZ50511		<20	0.13	<10	<10	97	<10	83
ZZ50512		<20	0.03	<10	<10	21	<10	27
ZZ50513		<20	0.11	<10	<10	83	<10	64
ZZ50514		<20	0.06	<10	<10	52	<10	66
ZZ50515		<20	0.05	<10	<10	60	<10	79
ZZ50516		<20	0.05	<10	<10	43	<10	62
ZZ50517		<20	0.06	<10	<10	36	<10	68
ZZ50518		<20	0.05	<10	<10	45	<10	64
ZZ50519		<20	0.04	<10	<10	43	<10	62
ZZ50520		<20	0.09	<10	<10	66	<10	66
ZZ50521		<20	0.06	<10	<10	52	<10	70
ZZ50522		<20	0.02	<10	<10	28	<10	20
ZZ50523		<20	0.04	<10	<10	35	<10	52
ZZ50527		<20	0.06	<10	<10	40	<10	28
ZZ50528		<20	0.07	<10	<10	53	<10	67
ZZ50529		<20	0.04	<10	<10	42	<10	68
ZZ50530		<20	0.05	<10	<10	49	<10	55
ZZ50531		<20	0.04	<10	<10	43	<10	102
ZZ50532		<20	0.05	<10	<10	46	<10	64
ZZ50533		<20	0.07	<10	<10	47	<10	73
ZZ50534		<20	0.07	<10	<10	46	<10	99
ZZ50535		<20	0.07	<10	<10	58	<10	126
ZZ50536		<20	0.05	<10	<10	37	<10	74
ZZ50537		<20	0.02	<10	<10	40	<10	72
ZZ50538		<20	0.04	<10	<10	42	<10	43
ZZ50539		<20	0.04	<10	<10	50	<10	41
ZZ50540		<20	0.05	<10	<10	47	<10	38
ZZ50541		<20	0.05	<10	<10	48	<10	60
ZZ50542		<20	0.04	<10	<10	52	<10	183
ZZ50543		<20	0.06	<10	<10	42	<10	101

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50544		0.44	0.008	<0.2	1.49	67	<10	180	<0.5	<2	0.29	<0.5	7	22	13	2.54
ZZ50545		0.59	0.029	0.9	1.40	35	<10	360	<0.5	<2	0.38	0.5	7	14	20	2.22
ZZ50546		0.53	<0.005	<0.2	0.85	19	<10	160	<0.5	<2	0.24	<0.5	10	15	32	1.85
ZZ50547		0.67	0.013	<0.2	1.27	11	<10	160	<0.5	<2	0.24	<0.5	8	18	18	2.34
ZZ50548		0.43	<0.005	<0.2	1.49	11	<10	220	<0.5	<2	0.22	<0.5	7	24	22	2.06
ZZ50549		0.53	0.013	0.3	1.85	14	<10	320	0.5	<2	0.22	0.7	12	25	36	3.04
ZZ50550		0.26	0.006	0.2	1.32	13	<10	230	<0.5	<2	0.21	<0.5	5	17	22	2.25
ZZ50551		0.25	0.103	2.5	1.67	21	<10	360	<0.5	2	0.34	1.7	4	13	372	2.32
ZZ50552		0.18	0.014	1.3	0.86	6	<10	110	<0.5	<2	0.16	<0.5	2	9	99	1.31
ZZ50553		0.39	0.033	0.5	0.51	6	<10	140	<0.5	<2	0.20	<0.5	3	5	136	1.27
ZZ50554		0.34	0.024	<0.2	1.12	22	<10	140	<0.5	<2	0.27	<0.5	7	19	121	2.56
ZZ50555		0.41	0.028	1.9	0.77	7	<10	340	<0.5	<2	0.35	0.6	3	8	146	1.42
ZZ50556		0.40	0.015	0.9	0.99	9	<10	180	<0.5	<2	0.22	<0.5	5	13	104	2.14
ZZ50557		0.45	0.053	0.4	1.81	21	<10	390	0.5	<2	0.33	0.6	12	19	361	3.78
ZZ50558		0.28	0.024	0.6	1.29	23	<10	320	<0.5	2	0.22	0.6	7	14	224	2.94
ZZ50559		0.31	0.092	2.9	1.23	47	<10	470	0.5	4	0.36	0.8	7	11	263	3.17
ZZ50560		0.38	0.110	2.0	1.86	51	<10	570	0.6	2	0.40	1.4	7	18	238	3.27
ZZ50561		0.35	0.053	1.3	1.50	20	<10	380	0.5	<2	0.60	0.7	6	16	133	2.18
ZZ50562		0.34	0.052	0.9	1.61	24	<10	410	0.5	<2	0.38	<0.5	6	18	86	2.55
ZZ50563		0.44	0.080	0.5	1.57	42	<10	350	0.5	<2	0.35	<0.5	9	17	156	3.11
ZZ50564		0.41	0.042	0.8	1.36	9	<10	340	<0.5	<2	0.48	0.5	5	16	49	1.81
ZZ50565		0.25	0.016	0.9	1.63	13	<10	300	<0.5	<2	0.54	<0.5	7	20	61	2.49
ZZ50566		0.37	0.013	0.2	1.36	11	<10	180	<0.5	<2	0.43	<0.5	6	19	51	2.30
ZZ50567		0.39	0.011	<0.2	1.25	12	<10	180	<0.5	<2	0.37	<0.5	6	21	21	2.27
ZZ50568		0.33	0.028	0.5	1.14	16	<10	220	<0.5	2	0.26	<0.5	6	18	24	2.14
ZZ50569		0.37	0.045	1.3	1.42	22	<10	330	0.6	2	0.26	0.6	7	18	59	2.74
ZZ50570		0.25	0.031	1.3	1.07	9	<10	100	<0.5	2	0.16	0.5	7	14	23	1.75
ZZ50571		0.23	0.060	1.1	0.59	26	<10	60	<0.5	3	0.10	<0.5	4	10	35	1.92
ZZ50572		0.25	0.005	0.3	0.54	4	<10	50	<0.5	<2	0.09	<0.5	3	8	17	1.51
ZZ50573		0.33	0.005	1.0	2.07	13	<10	100	0.5	<2	0.15	<0.5	7	30	14	2.63
ZZ50574		0.21	<0.005	0.4	0.29	<2	<10	30	<0.5	<2	0.06	<0.5	2	3	3	0.58
ZZ50575		0.38	<0.005	0.3	0.33	4	<10	20	<0.5	<2	0.04	<0.5	2	4	4	0.91
ZZ50576		0.28	0.051	0.7	0.83	34	<10	80	<0.5	<2	0.19	1.0	4	15	23	1.88
ZZ50577		0.31	0.037	1.2	1.57	20	<10	250	0.6	<2	0.36	0.8	3	22	48	1.80
ZZ50578		0.33	0.057	0.9	1.66	43	<10	310	0.5	6	0.58	<0.5	10	21	87	3.17
ZZ50579		0.27	0.041	0.5	1.20	49	<10	170	<0.5	5	0.38	<0.5	6	17	40	2.25
ZZ50580		0.34	0.076	0.7	1.25	82	<10	230	<0.5	4	0.48	<0.5	6	21	41	2.88
ZZ50581		0.21	<0.005	0.3	0.39	5	<10	90	<0.5	<2	0.62	<0.5	5	5	12	1.04
ZZ50582		0.37	0.014	<0.2	1.11	24	<10	110	<0.5	<2	0.36	<0.5	7	18	22	2.17
ZZ50583		0.31	0.010	0.6	1.54	30	<10	190	<0.5	2	0.75	<0.5	10	22	38	3.07

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50544		10	<0.01	0.09	10	0.43	463	<1	0.01	10	390	48	<0.01	<2	3	21
ZZ50545		<10	0.06	0.07	10	0.31	1565	4	0.02	8	800	36	0.06	2	3	34
ZZ50546		<10	0.02	0.06	10	0.28	935	4	0.01	8	460	17	<0.01	<2	3	20
ZZ50547		<10	0.01	0.09	10	0.54	487	3	0.01	13	550	25	0.03	<2	4	18
ZZ50548		<10	0.02	0.09	10	0.52	302	1	0.01	13	480	25	0.03	<2	4	19
ZZ50549		10	0.02	0.10	10	0.52	2030	1	0.01	14	620	26	0.04	<2	6	20
ZZ50550		10	0.02	0.07	10	0.28	336	2	0.02	7	480	16	0.03	<2	3	20
ZZ50551		<10	0.14	0.10	20	0.24	202	5	0.02	7	680	109	0.06	3	4	32
ZZ50552		<10	0.02	0.04	10	0.14	84	2	0.03	4	470	18	0.04	2	1	18
ZZ50553		<10	0.02	0.04	10	0.11	106	2	0.03	2	570	14	0.04	<2	2	21
ZZ50554		<10	<0.01	0.07	10	0.48	328	4	0.01	10	430	23	0.02	<2	3	27
ZZ50555		<10	0.06	0.05	10	0.15	205	3	0.03	4	910	9	0.07	<2	3	50
ZZ50556		<10	0.01	0.06	10	0.27	143	3	0.02	7	400	16	0.02	<2	2	22
ZZ50557		10	<0.01	0.16	20	0.86	407	17	0.01	11	930	47	0.02	3	7	24
ZZ50558		10	<0.01	0.07	10	0.40	248	23	0.01	7	580	33	0.02	4	3	21
ZZ50559		<10	0.16	0.11	20	0.27	618	33	0.02	8	1010	107	0.12	10	4	51
ZZ50560		<10	0.23	0.11	20	0.48	301	10	0.01	10	900	80	0.05	4	6	47
ZZ50561		<10	0.14	0.07	20	0.42	220	3	0.02	9	770	62	0.06	2	4	90
ZZ50562		<10	0.11	0.07	20	0.37	331	3	0.01	10	940	31	0.06	2	4	47
ZZ50563		<10	0.03	0.09	20	0.58	328	6	0.01	9	640	58	0.03	5	5	35
ZZ50564		<10	0.12	0.07	10	0.38	177	1	0.02	8	670	14	0.07	<2	3	63
ZZ50565		<10	0.07	0.06	10	0.42	284	1	0.02	10	780	10	0.07	<2	4	59
ZZ50566		<10	0.02	0.06	10	0.39	218	1	0.02	13	650	8	0.06	<2	4	67
ZZ50567		<10	<0.01	0.07	10	0.49	270	<1	0.02	10	520	7	0.03	<2	4	32
ZZ50568		<10	0.03	0.06	10	0.35	415	1	0.02	8	620	23	0.04	<2	2	22
ZZ50569		<10	0.12	0.08	20	0.31	598	1	0.02	9	710	37	0.06	2	4	31
ZZ50570		<10	0.04	0.05	10	0.23	755	<1	0.02	6	550	33	0.03	<2	1	14
ZZ50571		<10	0.06	0.04	10	0.07	473	1	0.01	4	550	26	0.05	5	1	12
ZZ50572		<10	<0.01	0.02	<10	0.08	162	1	0.01	3	530	11	0.03	<2	1	11
ZZ50573		10	0.02	0.07	10	0.42	286	1	0.01	15	380	13	0.02	<2	3	15
ZZ50574		<10	<0.01	0.03	<10	0.04	93	<1	0.04	1	190	<2	0.02	<2	<1	10
ZZ50575		<10	<0.01	0.03	<10	0.04	68	<1	0.03	1	210	9	0.02	<2	<1	8
ZZ50576		<10	0.01	0.06	10	0.25	363	1	0.02	7	590	100	0.05	2	2	21
ZZ50577		<10	0.22	0.07	20	0.32	138	<1	0.02	9	880	36	0.07	<2	6	30
ZZ50578		10	0.11	0.10	20	0.67	406	1	0.02	8	820	17	0.05	2	6	36
ZZ50579		<10	0.06	0.06	10	0.41	216	1	0.02	7	440	13	0.03	2	3	26
ZZ50580		<10	0.09	0.07	20	0.47	341	1	0.02	10	720	15	0.06	2	4	36
ZZ50581		<10	0.04	0.02	<10	0.10	205	<1	0.04	3	620	5	0.05	<2	1	40
ZZ50582		<10	0.01	0.08	10	0.52	305	<1	0.01	11	550	12	0.01	<2	3	23
ZZ50583		10	0.15	0.05	10	0.53	460	<1	0.02	10	850	14	0.07	<2	5	46

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50544		<20	0.10	<10	<10	63	<10	130
ZZ50545		<20	0.02	<10	<10	42	<10	145
ZZ50546		<20	0.03	<10	<10	34	<10	55
ZZ50547		<20	0.07	<10	<10	53	<10	78
ZZ50548		<20	0.06	<10	<10	49	<10	69
ZZ50549		<20	0.05	<10	<10	55	<10	100
ZZ50550		<20	0.06	<10	<10	57	<10	60
ZZ50551		<20	0.02	<10	<10	40	<10	185
ZZ50552		<20	0.04	<10	<10	36	<10	44
ZZ50553		<20	0.04	<10	<10	30	<10	43
ZZ50554		<20	0.06	<10	<10	51	<10	76
ZZ50555		<20	0.04	<10	<10	38	<10	58
ZZ50556		<20	0.06	<10	<10	59	<10	57
ZZ50557		<20	0.08	<10	<10	82	<10	106
ZZ50558		<20	0.04	<10	<10	63	<10	81
ZZ50559		<20	0.02	<10	<10	43	<10	117
ZZ50560		<20	0.03	<10	<10	56	<10	202
ZZ50561		<20	0.04	<10	<10	42	<10	116
ZZ50562		<20	0.04	<10	<10	50	<10	82
ZZ50563		<20	0.06	<10	<10	67	<10	79
ZZ50564		<20	0.04	<10	<10	38	<10	68
ZZ50565		<20	0.04	<10	<10	53	<10	47
ZZ50566		<20	0.05	<10	<10	55	<10	46
ZZ50567		<20	0.07	<10	<10	51	<10	41
ZZ50568		<20	0.04	<10	<10	39	<10	64
ZZ50569		<20	0.03	<10	<10	44	<10	87
ZZ50570		<20	0.04	<10	<10	36	<10	73
ZZ50571		<20	0.05	<10	<10	45	<10	83
ZZ50572		<20	0.06	<10	<10	48	<10	34
ZZ50573		<20	0.09	<10	<10	57	<10	75
ZZ50574		<20	0.03	<10	<10	19	<10	9
ZZ50575		<20	0.04	<10	<10	28	<10	22
ZZ50576		<20	0.05	<10	<10	33	<10	172
ZZ50577		<20	0.04	<10	<10	49	<10	116
ZZ50578		<20	0.06	<10	<10	59	<10	101
ZZ50579		<20	0.05	<10	<10	47	<10	63
ZZ50580		<20	0.05	<10	<10	50	<10	75
ZZ50581		<20	0.04	<10	<10	30	<10	28
ZZ50582		<20	0.08	<10	<10	48	<10	72
ZZ50583		<20	0.08	<10	<10	71	<10	86

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50584		0.40	0.044	1.6	2.43	139	<10	250	0.6	11	0.46	0.6	12	35	106	4.36
ZZ50585		0.25	0.028	1.8	1.71	67	<10	210	<0.5	3	0.49	<0.5	8	22	44	2.69
ZZ50586		0.28	0.029	1.7	1.47	42	<10	230	<0.5	4	0.80	1.4	8	21	72	2.47
ZZ50587		0.38	0.019	0.3	1.67	38	<10	160	<0.5	3	0.54	0.9	12	20	23	3.25
ZZ50588		0.42	<0.005	0.3	0.46	4	<10	30	<0.5	<2	0.28	0.6	3	6	12	1.17
ZZ50589		0.24	0.010	1.8	1.24	20	<10	140	<0.5	<2	0.72	2.0	9	16	32	1.82
ZZ50590		0.30	0.099	6.2	1.56	56	<10	210	0.5	<2	0.76	1.9	4	16	43	2.27
ZZ50591		0.26	0.046	4.1	1.73	74	<10	220	0.5	<2	0.59	2.9	10	22	41	3.15
ZZ50592		0.22	0.016	1.1	0.80	15	<10	240	<0.5	<2	1.16	6.1	4	11	28	1.39
ZZ50593		0.28	<0.005	0.3	0.43	3	<10	130	<0.5	<2	0.63	<0.5	3	5	13	0.88
ZZ50594		0.13	0.008	1.3	0.71	11	<10	130	<0.5	<2	0.67	0.7	4	9	18	1.41
ZZ50595		0.25	0.007	1.6	0.95	9	<10	190	<0.5	<2	0.64	<0.5	4	12	24	1.28
ZZ50596		0.29	<0.005	0.7	0.78	10	<10	80	<0.5	<2	0.36	0.8	5	10	16	1.22
ZZ50597		0.22	<0.005	0.9	0.89	11	<10	120	<0.5	<2	0.52	0.9	6	12	22	1.19
ZZ50598		0.31	0.015	1.7	1.58	26	<10	200	0.5	<2	1.04	1.7	9	23	45	2.28
ZZ50599		0.39	0.018	0.3	1.12	9	<10	120	<0.5	<2	0.56	0.6	6	16	26	1.63
ZZ50600		0.15	<0.005	0.6	0.51	7	<10	50	<0.5	<2	0.32	<0.5	2	6	15	0.84
ZZ50621		0.25	0.030	0.7	1.55	15	<10	120	<0.5	<2	0.23	<0.5	7	22	25	2.45
ZZ50622		0.25	0.025	0.6	1.54	13	<10	230	0.9	2	0.17	2.1	13	12	51	3.27
ZZ50623		0.21	<0.005	0.3	0.78	7	<10	90	<0.5	<2	0.12	<0.5	2	11	15	1.53
ZZ50624		0.22	0.029	1.5	1.06	9	<10	260	<0.5	<2	0.21	0.9	5	12	46	1.49
ZZ50625		0.34	0.034	1.0	1.99	13	<10	310	<0.5	2	0.48	1.0	12	30	98	3.58
ZZ50626		0.22	0.023	1.0	1.47	11	<10	240	<0.5	<2	0.34	<0.5	8	17	40	2.53
ZZ50627		0.21	0.017	0.6	0.85	11	<10	220	<0.5	2	0.74	0.7	4	10	24	1.44
ZZ50628		0.27	0.011	0.6	0.92	11	<10	170	<0.5	<2	0.60	0.5	5	11	23	1.56
ZZ50629		0.33	0.047	0.7	1.37	30	<10	320	<0.5	<2	0.57	1.1	9	24	42	2.75
ZZ50630		0.34	0.056	0.8	1.42	122	<10	410	0.5	2	0.87	<0.5	9	30	46	2.97
ZZ50631		0.34	0.162	1.4	1.13	104	<10	220	<0.5	8	0.58	<0.5	8	17	84	2.62
ZZ50632		0.32	0.016	0.5	1.67	32	<10	230	<0.5	<2	0.48	<0.5	9	24	44	2.90
ZZ50633		0.39	0.005	0.9	1.30	17	<10	160	<0.5	<2	0.62	1.0	7	18	36	2.09
ZZ50634		0.33	0.020	0.5	1.32	25	<10	110	<0.5	<2	0.47	<0.5	8	18	16	2.20
ZZ50635		0.25	<0.005	0.3	1.99	12	<10	100	<0.5	2	0.22	<0.5	7	26	26	2.83
ZZ50636		0.23	<0.005	<0.2	0.35	2	<10	20	<0.5	2	0.24	<0.5	3	4	10	0.85
ZZ50637		0.27	0.005	0.4	0.95	10	<10	130	<0.5	2	0.70	0.9	6	14	24	1.38
ZZ50638		0.24	0.008	0.4	1.49	17	<10	260	<0.5	<2	0.97	0.6	10	23	30	2.30
ZZ50639		0.29	0.009	0.6	1.58	17	<10	260	0.5	2	0.82	0.6	10	26	31	2.47
ZZ50640		0.23	0.006	0.4	1.27	13	<10	290	<0.5	2	0.93	0.6	13	20	27	2.20
ZZ50661		0.35	0.007	<0.2	1.72	15	<10	120	<0.5	<2	0.59	<0.5	9	23	26	2.39
ZZ50662		0.22	<0.005	0.5	1.09	6	<10	220	<0.5	2	1.10	1.3	10	14	57	1.83
ZZ50663		0.26	<0.005	<0.2	1.75	15	<10	210	<0.5	<2	0.52	<0.5	9	27	24	2.72

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50584		10	0.10	0.10	10	0.65	513	<1	0.01	19	840	40	0.03	3	5	35
ZZ50585		10	0.22	0.07	10	0.54	366	<1	0.02	11	820	19	0.04	<2	5	35
ZZ50586		<10	0.18	0.06	10	0.41	398	<1	0.02	12	890	38	0.09	<2	4	48
ZZ50587		10	0.03	0.14	10	0.92	1245	<1	0.02	9	730	41	0.02	<2	5	30
ZZ50588		<10	0.03	0.03	<10	0.11	107	<1	0.03	3	540	6	0.03	<2	1	20
ZZ50589		<10	0.13	0.07	10	0.29	759	<1	0.03	9	760	47	0.07	<2	2	44
ZZ50590		<10	0.36	0.08	20	0.29	376	<1	0.02	11	810	109	0.07	<2	5	45
ZZ50591		10	0.22	0.11	20	0.46	893	<1	0.02	12	750	165	0.06	3	5	38
ZZ50592		<10	0.15	0.04	10	0.20	390	<1	0.02	8	750	42	0.08	<2	2	54
ZZ50593		<10	0.05	0.03	10	0.09	204	<1	0.04	4	450	8	0.05	<2	1	33
ZZ50594		<10	0.08	0.04	10	0.17	289	<1	0.03	6	670	13	0.05	<2	2	35
ZZ50595		<10	0.11	0.05	20	0.17	186	<1	0.03	9	700	12	0.08	<2	1	43
ZZ50596		<10	0.04	0.05	10	0.20	266	<1	0.03	5	470	18	0.04	<2	1	26
ZZ50597		<10	0.07	0.04	10	0.18	534	<1	0.03	6	600	16	0.06	<2	1	36
ZZ50598		<10	0.23	0.05	20	0.37	612	<1	0.02	14	1120	15	0.11	<2	3	65
ZZ50599		<10	0.06	0.04	10	0.31	398	<1	0.03	9	700	8	0.05	<2	2	36
ZZ50600		<10	0.07	0.03	10	0.09	82	<1	0.03	3	470	4	0.04	<2	1	24
ZZ50621		<10	0.06	0.07	10	0.33	391	<1	0.01	9	640	20	0.03	<2	2	18
ZZ50622		<10	0.05	0.07	20	0.30	3030	1	0.01	8	790	68	0.03	4	3	18
ZZ50623		10	0.03	0.04	10	0.08	93	<1	0.02	5	440	10	0.02	<2	1	16
ZZ50624		<10	0.16	0.06	10	0.15	1215	<1	0.03	5	790	19	0.06	2	2	24
ZZ50625		10	0.10	0.20	20	1.00	833	1	0.03	12	920	29	0.03	3	8	42
ZZ50626		<10	0.10	0.08	10	0.49	596	<1	0.03	7	790	17	0.03	3	4	33
ZZ50627		<10	0.10	0.05	10	0.23	267	<1	0.03	5	690	7	0.07	<2	2	47
ZZ50628		<10	0.09	0.04	10	0.28	344	<1	0.03	5	620	11	0.05	<2	2	38
ZZ50629		<10	0.20	0.08	20	0.48	684	<1	0.02	13	680	17	0.04	2	5	35
ZZ50630		<10	0.38	0.07	20	0.47	609	<1	0.01	15	1260	29	0.05	4	5	52
ZZ50631		<10	0.50	0.05	20	0.30	547	1	0.02	9	850	24	0.06	9	3	37
ZZ50632		10	0.06	0.07	10	0.59	498	<1	0.02	13	560	21	0.03	<2	5	39
ZZ50633		<10	0.04	0.06	10	0.42	365	<1	0.03	10	390	14	0.03	<2	3	41
ZZ50634		<10	0.02	0.06	10	0.54	444	<1	0.02	8	410	34	0.03	<2	3	30
ZZ50635		10	0.06	0.05	10	0.44	238	1	0.02	19	460	15	0.01	<2	3	19
ZZ50636		<10	0.01	0.02	<10	0.09	202	1	0.05	3	350	3	0.02	<2	1	14
ZZ50637		<10	0.04	0.04	10	0.27	736	1	0.03	9	520	37	0.05	<2	2	35
ZZ50638		10	0.09	0.06	10	0.47	576	1	0.02	15	740	19	0.06	<2	3	51
ZZ50639		<10	0.12	0.07	20	0.56	589	1	0.02	14	760	32	0.06	<2	5	46
ZZ50640		<10	0.10	0.06	10	0.44	2230	1	0.03	12	790	31	0.06	<2	4	51
ZZ50661		10	0.05	0.08	10	0.87	195	1	0.03	11	650	13	0.02	<2	7	36
ZZ50662		<10	0.08	0.04	10	0.34	1215	2	0.03	14	890	8	0.07	<2	2	78
ZZ50663		10	0.04	0.07	10	0.61	446	1	0.02	14	560	22	0.04	<2	4	42

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50584		<20	0.06	<10	<10	73	<10	198
ZZ50585		<20	0.07	<10	<10	61	<10	117
ZZ50586		<20	0.06	<10	<10	56	<10	129
ZZ50587		<20	0.13	<10	<10	82	<10	223
ZZ50588		<20	0.06	<10	<10	38	<10	39
ZZ50589		<20	0.04	<10	<10	43	<10	143
ZZ50590		<20	0.04	<10	<10	43	<10	227
ZZ50591		<20	0.06	<10	<10	62	<10	326
ZZ50592		<20	0.04	<10	<10	33	<10	215
ZZ50593		<20	0.04	<10	<10	26	<10	24
ZZ50594		<20	0.05	<10	<10	38	<10	66
ZZ50595		<20	0.04	<10	<10	27	<10	41
ZZ50596		<20	0.05	<10	<10	31	<10	68
ZZ50597		<20	0.04	<10	<10	28	<10	75
ZZ50598		<20	0.05	<10	<10	51	<10	103
ZZ50599		<20	0.05	<10	<10	41	<10	47
ZZ50600		<20	0.03	<10	<10	21	<10	21
ZZ50621		<20	0.04	<10	<10	48	<10	66
ZZ50622		<20	0.02	<10	<10	39	<10	300
ZZ50623		<20	0.07	<10	<10	54	<10	25
ZZ50624		<20	0.02	<10	<10	31	<10	70
ZZ50625		<20	0.12	<10	<10	103	<10	175
ZZ50626		<20	0.06	<10	<10	78	<10	77
ZZ50627		<20	0.04	<10	<10	32	<10	59
ZZ50628		<20	0.05	<10	<10	39	<10	56
ZZ50629		<20	0.06	<10	<10	54	<10	165
ZZ50630		<20	0.04	<10	<10	51	<10	106
ZZ50631		<20	0.04	<10	<10	52	<10	52
ZZ50632		<20	0.07	<10	<10	65	<10	75
ZZ50633		<20	0.07	<10	<10	51	<10	118
ZZ50634		<20	0.08	<10	<10	53	<10	174
ZZ50635		<20	0.09	<10	<10	62	<10	51
ZZ50636		<20	0.04	<10	<10	27	<10	14
ZZ50637		<20	0.04	<10	<10	31	<10	95
ZZ50638		<20	0.06	<10	<10	53	<10	80
ZZ50639		<20	0.07	<10	<10	57	<10	89
ZZ50640		<20	0.06	<10	<10	49	<10	83
ZZ50661		<20	0.12	<10	<10	82	<10	57
ZZ50662		<20	0.05	<10	<10	53	<10	38
ZZ50663		<20	0.07	<10	<10	67	<10	51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50664		0.30	<0.005	0.2	1.74	18	<10	250	<0.5	<2	0.86	<0.5	10	26	31	2.72
ZZ50665		0.19	<0.005	0.2	0.74	7	<10	120	<0.5	2	0.92	<0.5	3	7	23	1.09
ZZ50666		0.14	<0.005	0.8	0.84	3	<10	100	<0.5	2	0.38	<0.5	2	11	24	0.76
ZZ50667		0.27	0.006	0.2	1.78	26	<10	190	<0.5	2	0.68	<0.5	8	25	30	2.64
ZZ50668		0.31	0.010	0.6	1.90	58	<10	310	0.5	2	0.62	3.1	13	19	37	3.56
ZZ50669		0.16	<0.005	0.2	1.12	13	<10	140	<0.5	<2	0.65	<0.5	5	13	18	1.38
ZZ50670		0.19	0.053	1.8	2.17	28	<10	390	0.6	3	0.61	<0.5	7	22	49	2.92
ZZ50671		0.15	<0.005	<0.2	1.08	5	<10	80	<0.5	2	0.12	<0.5	7	12	35	1.64
ZZ50672		0.18	<0.005	<0.2	1.09	13	<10	110	<0.5	<2	0.22	<0.5	5	12	25	1.76
ZZ50673		0.22	0.035	0.8	1.30	29	<10	90	<0.5	5	0.21	<0.5	6	23	48	3.49
ZZ50674		0.37	0.385	20.9	1.60	230	<10	260	0.7	3	0.34	5.5	10	20	101	3.80
ZZ50675		0.22	0.008	<0.2	1.31	22	<10	120	<0.5	<2	0.24	<0.5	6	19	22	2.41
ZZ50676		0.16	0.013	0.2	1.65	15	<10	100	<0.5	2	0.40	<0.5	7	19	30	2.96
ZZ50677		0.16	0.014	<0.2	1.08	9	<10	130	<0.5	2	0.50	<0.5	7	13	23	2.45
ZZ50678		0.26	0.012	0.2	1.52	12	<10	190	<0.5	2	0.39	<0.5	7	22	24	2.34
ZZ50679		0.22	0.036	<0.2	1.09	10	<10	150	<0.5	<2	0.36	<0.5	7	18	29	2.34
ZZ50680		0.20	0.020	0.3	1.38	12	<10	220	<0.5	2	0.28	<0.5	7	16	30	2.19
ZZ50681		0.20	0.019	0.3	1.01	6	<10	150	<0.5	2	0.22	<0.5	5	15	20	1.88
ZZ50682		0.24	0.012	0.3	1.50	13	<10	180	<0.5	3	0.33	<0.5	9	23	27	2.49
ZZ50683		0.26	0.051	<0.2	1.18	13	<10	220	<0.5	2	0.38	<0.5	9	18	56	2.63
ZZ50684		0.19	0.061	1.3	1.72	20	<10	550	0.5	2	0.45	<0.5	6	19	47	2.54
ZZ50685		0.19	0.023	0.4	1.60	17	<10	360	<0.5	2	0.31	<0.5	7	20	35	2.34
ZZ50686		0.17	0.034	1.4	1.90	37	<10	660	0.6	2	0.34	0.9	9	24	64	2.90
ZZ50687		0.26	0.033	1.1	1.90	18	<10	300	0.5	2	0.22	0.7	6	22	53	2.45
ZZ50688		0.21	0.066	0.9	1.04	43	<10	260	<0.5	3	0.22	0.5	5	16	61	2.57
ZZ50689		0.20	0.017	0.5	1.27	23	<10	440	<0.5	3	0.25	0.6	4	18	57	2.62
ZZ50690		0.11	0.006	1.3	1.07	11	<10	320	<0.5	2	0.13	0.7	3	11	46	1.76
ZZ50691		0.19	0.031	0.6	0.81	14	<10	140	<0.5	3	0.15	<0.5	2	8	43	1.54
ZZ50692		0.22	0.084	0.6	1.54	33	<10	290	0.5	2	0.17	1.0	8	20	63	2.98
ZZ50693		0.24	0.070	1.4	1.15	71	<10	120	0.7	5	0.40	0.7	14	15	50	5.44
ZZ50694		0.17	0.008	0.2	1.46	12	<10	120	<0.5	2	0.33	<0.5	12	18	20	2.89
ZZ50695		0.24	0.006	<0.2	1.33	11	<10	110	<0.5	<2	0.29	<0.5	6	17	16	2.44
ZZ50696		0.21	0.005	<0.2	1.69	14	<10	160	<0.5	2	0.27	<0.5	7	21	16	2.35
ZZ50697		0.22	0.005	<0.2	1.96	9	<10	280	<0.5	<2	0.25	<0.5	11	22	14	2.06
ZZ50698		0.27	0.007	<0.2	2.00	14	<10	200	0.5	2	0.29	<0.5	9	25	20	3.10
ZZ50699		0.25	<0.005	<0.2	1.60	8	<10	140	<0.5	2	0.22	<0.5	7	21	15	2.53
ZZ50700		0.26	0.013	0.5	2.26	19	<10	220	<0.5	2	0.30	<0.5	6	26	21	3.67
ZZ50654		0.42	0.011	0.9	1.17	25	<10	130	<0.5	<2	0.94	0.7	7	14	35	1.79
ZZ50655		0.33	0.012	1.1	1.38	28	<10	190	<0.5	<2	0.82	1.3	7	21	31	2.06
ZZ50656		0.35	0.005	0.3	1.46	14	<10	170	<0.5	<2	0.70	<0.5	9	24	26	2.77

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50664		10	0.05	0.07	10	0.61	464	1	0.02	14	690	10	0.06	<2	4	57
ZZ50665		<10	0.07	0.03	10	0.13	132	<1	0.04	4	690	3	0.08	<2	1	58
ZZ50666		<10	0.12	0.03	10	0.18	59	<1	0.04	5	780	7	0.08	<2	2	29
ZZ50667		10	0.05	0.07	10	0.55	397	1	0.02	13	660	11	0.05	<2	4	45
ZZ50668		10	0.06	0.08	10	0.78	882	1	0.03	10	680	52	0.02	3	8	35
ZZ50669		<10	0.04	0.03	10	0.27	396	1	0.03	7	650	6	0.06	<2	2	39
ZZ50670		10	0.20	0.10	10	0.38	480	6	0.02	12	1220	58	0.09	5	4	45
ZZ50671		<10	0.02	0.03	10	0.14	1355	<1	0.02	6	390	9	0.02	<2	1	15
ZZ50672		<10	0.04	0.04	10	0.17	215	<1	0.02	7	450	5	0.04	<2	2	27
ZZ50673		10	0.04	0.11	10	0.39	275	4	0.01	11	400	33	0.08	12	3	24
ZZ50674		<10	0.49	0.09	20	0.39	867	2	0.02	13	840	309	0.08	28	8	26
ZZ50675		10	0.02	0.07	10	0.39	351	1	0.02	10	400	11	0.03	<2	3	21
ZZ50676		10	0.09	0.05	10	0.34	240	1	0.01	9	640	10	0.05	<2	2	28
ZZ50677		<10	0.04	0.06	10	0.35	307	1	0.03	6	540	6	0.07	<2	3	42
ZZ50678		10	0.04	0.07	10	0.45	341	1	0.02	11	840	12	0.07	<2	3	29
ZZ50679		<10	0.02	0.09	10	0.44	244	1	0.02	10	750	11	0.02	<2	3	23
ZZ50680		<10	0.05	0.06	10	0.35	378	1	0.02	9	780	14	0.06	<2	3	26
ZZ50681		<10	0.03	0.05	10	0.28	211	1	0.02	8	690	9	0.06	<2	1	20
ZZ50682		<10	0.02	0.07	10	0.42	504	1	0.02	13	720	11	0.02	2	2	30
ZZ50683		<10	0.01	0.10	10	0.50	359	1	0.02	10	850	18	<0.01	2	4	22
ZZ50684		<10	0.14	0.09	20	0.37	369	1	0.02	12	640	32	0.05	2	5	46
ZZ50685		10	0.05	0.08	10	0.35	499	1	0.02	10	590	29	0.07	2	2	29
ZZ50686		10	0.06	0.09	20	0.35	603	1	0.01	13	980	62	0.10	3	2	34
ZZ50687		10	0.06	0.08	10	0.36	221	1	0.02	12	590	35	0.06	<2	3	19
ZZ50688		<10	0.05	0.08	10	0.27	249	1	0.01	7	400	40	0.06	7	2	24
ZZ50689		<10	0.04	0.13	10	0.33	221	2	0.01	10	520	53	0.06	3	2	30
ZZ50690		<10	0.05	0.08	10	0.13	157	1	0.02	7	700	28	0.05	<2	1	21
ZZ50691		<10	0.07	0.07	10	0.11	120	<1	0.03	4	450	23	0.02	<2	2	13
ZZ50692		<10	0.04	0.10	20	0.33	337	1	0.01	12	510	52	0.05	3	3	19
ZZ50693		<10	0.14	0.09	20	0.39	799	7	0.01	9	750	122	0.10	7	8	29
ZZ50694		10	0.05	0.05	10	0.44	642	2	0.02	9	830	18	0.06	2	4	23
ZZ50695		<10	0.01	0.07	10	0.44	242	1	0.01	9	730	20	0.02	<2	3	18
ZZ50696		<10	0.02	0.07	10	0.49	173	1	0.02	11	730	16	0.04	<2	4	17
ZZ50697		10	0.03	0.06	10	0.53	241	1	0.01	12	480	16	0.03	2	4	20
ZZ50698		10	0.03	0.08	10	0.55	326	1	0.02	13	700	14	0.03	<2	5	20
ZZ50699		10	0.09	0.05	10	0.48	416	1	0.02	8	760	19	0.05	2	2	20
ZZ50700		10	0.07	0.08	10	0.51	373	16	0.01	14	920	25	0.04	<2	3	28
ZZ50654		<10	0.12	0.06	20	0.37	645	1	0.03	13	620	28	0.05	<2	4	49
ZZ50655		<10	0.10	0.06	10	0.57	590	<1	0.03	11	680	36	0.09	2	5	47
ZZ50656		<10	0.07	0.06	10	0.69	354	1	0.03	11	930	16	0.07	<2	5	45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50664		<20	0.08	<10	<10	71	<10	48
ZZ50665		<20	0.04	<10	<10	29	<10	17
ZZ50666		<20	0.03	<10	<10	21	<10	16
ZZ50667		<20	0.07	<10	<10	66	<10	54
ZZ50668		<20	0.07	<10	<10	93	<10	541
ZZ50669		<20	0.04	<10	<10	33	<10	33
ZZ50670		<20	0.02	<10	<10	51	<10	136
ZZ50671		<20	0.05	<10	<10	42	<10	30
ZZ50672		<20	0.07	<10	<10	52	<10	29
ZZ50673		<20	0.09	<10	<10	73	<10	73
ZZ50674		<20	0.03	<10	<10	70	<10	431
ZZ50675		<20	0.06	<10	<10	64	<10	47
ZZ50676		<20	0.03	<10	<10	71	<10	44
ZZ50677		<20	0.07	<10	<10	71	<10	41
ZZ50678		<20	0.05	<10	<10	53	<10	64
ZZ50679		<20	0.07	<10	<10	55	<10	45
ZZ50680		<20	0.05	<10	<10	47	<10	53
ZZ50681		<20	0.05	<10	<10	49	<10	45
ZZ50682		<20	0.06	<10	<10	55	<10	60
ZZ50683		<20	0.08	<10	<10	60	<10	46
ZZ50684		<20	0.04	<10	<10	43	<10	90
ZZ50685		<20	0.04	<10	<10	48	<10	94
ZZ50686		<20	0.03	<10	<10	54	<10	149
ZZ50687		<20	0.05	<10	<10	50	<10	90
ZZ50688		<20	0.05	<10	<10	49	<10	88
ZZ50689		<20	0.03	<10	<10	41	<10	102
ZZ50690		<20	0.02	<10	<10	36	<10	63
ZZ50691		<20	0.03	<10	<10	29	<10	51
ZZ50692		<20	0.04	<10	<10	45	<10	125
ZZ50693		<20	0.04	<10	<10	70	<10	201
ZZ50694		<20	0.06	<10	<10	66	<10	58
ZZ50695		<20	0.07	<10	<10	54	<10	50
ZZ50696		<20	0.06	<10	<10	59	<10	50
ZZ50697		<20	0.05	<10	<10	60	<10	52
ZZ50698		<20	0.07	<10	<10	62	<10	57
ZZ50699		<20	0.05	<10	<10	59	<10	57
ZZ50700		<20	0.04	<10	<10	60	<10	96
ZZ50654		<20	0.05	<10	<10	43	<10	78
ZZ50655		<20	0.08	<10	<10	69	<10	105
ZZ50656		<20	0.07	<10	<10	96	<10	68

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50657		0.30	0.005	0.3	1.56	26	<10	180	<0.5	<2	0.87	<0.5	10	21	17	3.04
ZZ50658		0.22	0.008	0.2	1.48	18	<10	150	<0.5	<2	0.60	<0.5	10	21	21	2.93
ZZ50659		0.37	0.005	0.5	1.40	15	<10	150	<0.5	2	0.63	<0.5	10	19	21	2.72
ZZ50660		0.24	0.010	0.2	1.43	37	<10	180	<0.5	<2	0.71	<0.5	10	22	17	2.58
ZZ50751		0.30	0.022	0.6	2.00	11	<10	290	0.5	2	0.32	<0.5	8	25	20	2.09
ZZ50752		0.34	0.013	0.4	1.88	11	<10	230	0.5	<2	0.30	<0.5	6	24	28	2.23
ZZ50753		0.32	0.041	0.6	2.00	21	<10	300	0.5	2	0.28	<0.5	10	23	29	2.79
ZZ50754		0.23	0.052	0.6	2.45	42	<10	380	0.7	4	0.35	<0.5	19	28	63	3.78
ZZ50755		0.26	0.025	0.3	1.94	17	<10	300	0.5	2	0.35	<0.5	10	24	52	3.12
ZZ50756		0.32	0.036	0.2	1.44	21	<10	260	0.5	<2	0.27	<0.5	7	19	29	2.62
ZZ50757		0.29	0.109	0.2	1.48	20	<10	290	<0.5	2	0.30	<0.5	10	20	29	2.84
ZZ50758		0.33	0.062	0.6	1.67	73	<10	320	<0.5	2	0.33	<0.5	7	24	36	2.50
ZZ50759		0.21	0.022	0.3	1.44	15	<10	280	<0.5	2	0.29	<0.5	6	19	44	2.23
ZZ50760		0.33	0.022	<0.2	1.55	16	<10	260	<0.5	<2	0.34	<0.5	6	20	22	2.41
ZZ50761		0.25	0.009	0.2	1.36	12	<10	270	<0.5	2	0.22	<0.5	5	20	21	2.10
ZZ50762		0.14	0.029	0.7	1.32	30	<10	410	<0.5	2	0.34	0.5	3	17	47	1.50
ZZ50763		0.19	0.067	1.1	1.76	72	<10	310	<0.5	2	0.21	0.7	5	21	52	2.60
ZZ50764		0.26	0.031	1.1	1.82	21	<10	230	<0.5	2	0.20	0.5	8	23	41	2.69
ZZ50765		0.25	0.041	1.4	1.49	29	<10	380	<0.5	3	0.27	2.6	6	22	47	2.47
ZZ50766		0.20	0.230	4.1	1.64	76	<10	660	0.8	4	0.31	4.5	8	15	149	3.31
ZZ50767		0.20	0.077	1.5	1.04	42	<10	390	0.8	3	0.28	1.3	8	14	41	3.09
ZZ50768		0.25	0.061	1.3	1.26	40	<10	440	<0.5	3	0.23	0.6	6	18	51	2.86
ZZ50769		0.50	0.028	1.0	1.20	46	<10	200	<0.5	<2	0.32	0.5	6	20	12	1.87
ZZ50770		0.36	0.017	0.8	1.51	106	<10	220	0.5	<2	0.29	0.6	9	23	21	2.97
ZZ50781		0.23	0.008	0.2	1.21	25	<10	120	<0.5	<2	0.38	<0.5	11	18	24	3.08
ZZ50782		0.27	0.016	0.4	1.98	82	<10	130	0.5	<2	0.47	<0.5	11	23	20	3.25
ZZ50783		0.24	<0.005	<0.2	1.55	16	<10	90	<0.5	<2	0.18	<0.5	9	21	18	2.79
ZZ50784		0.22	0.007	<0.2	1.81	20	<10	130	0.5	<2	0.15	<0.5	11	22	18	2.90
ZZ50785		0.20	<0.005	<0.2	1.49	12	<10	50	<0.5	<2	0.11	<0.5	12	31	15	2.28
ZZ50786		0.20	<0.005	<0.2	1.64	14	<10	200	0.7	<2	0.34	<0.5	22	55	21	5.18
ZZ50787		0.24	0.059	0.5	1.36	40	<10	100	0.5	<2	0.33	<0.5	10	19	19	4.08
ZZ50788		0.23	0.027	0.4	1.90	28	<10	180	0.6	<2	0.29	<0.5	16	27	31	4.30
ZZ50789		0.34	0.021	0.2	2.04	27	<10	120	0.5	<2	0.32	<0.5	11	24	25	3.99
ZZ50790		0.33	0.013	0.2	1.61	22	<10	160	0.6	<2	0.28	<0.5	11	21	32	3.41
ZZ50791		0.25	0.012	0.2	1.85	11	<10	160	<0.5	<2	0.29	<0.5	7	23	19	2.16
ZZ50792		0.25	0.010	0.2	1.64	7	<10	150	<0.5	<2	0.28	<0.5	7	22	15	2.02
ZZ50793		0.35	0.034	0.5	1.88	18	<10	270	0.5	<2	0.28	<0.5	12	24	24	2.32
ZZ50794		0.34	0.022	0.7	1.82	12	<10	210	<0.5	<2	0.27	<0.5	6	24	24	1.89
ZZ50795		0.31	0.021	1.1	1.88	19	<10	230	0.5	<2	0.27	<0.5	6	25	30	2.27
ZZ50796		0.34	0.028	0.3	1.37	15	<10	210	<0.5	<2	0.29	<0.5	7	22	22	2.22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50657		10	0.04	0.08	10	0.82	465	1	0.02	11	530	25	0.05	2	5	51
ZZ50658		<10	0.03	0.10	10	0.83	483	<1	0.02	12	640	11	0.02	<2	6	40
ZZ50659		<10	0.05	0.07	10	0.62	544	1	0.03	10	570	16	0.02	<2	6	42
ZZ50660		10	0.03	0.06	10	0.60	471	1	0.02	11	630	14	0.03	<2	4	49
ZZ50751		10	0.06	0.08	10	0.53	257	1	0.02	14	710	18	0.03	2	6	24
ZZ50752		10	0.07	0.08	10	0.50	260	<1	0.01	15	680	15	0.03	<2	5	24
ZZ50753		10	0.06	0.09	10	0.55	715	<1	0.02	14	510	16	0.01	2	8	23
ZZ50754		10	0.05	0.11	20	0.61	725	1	0.01	19	820	31	0.03	2	7	33
ZZ50755		10	0.05	0.09	10	0.52	611	1	0.01	15	500	17	0.02	2	6	31
ZZ50756		<10	0.03	0.08	20	0.44	403	1	0.01	11	440	15	0.01	<2	5	21
ZZ50757		10	0.03	0.08	10	0.45	617	1	0.01	11	500	16	0.01	<2	5	23
ZZ50758		10	0.03	0.07	10	0.47	326	<1	0.01	14	550	48	0.02	2	4	28
ZZ50759		<10	0.04	0.07	10	0.36	247	1	0.01	11	640	17	0.03	<2	3	24
ZZ50760		<10	0.04	0.09	10	0.50	429	1	0.02	11	610	14	0.01	2	5	24
ZZ50761		10	0.03	0.07	10	0.38	232	<1	0.01	11	360	18	0.01	<2	3	17
ZZ50762		10	0.05	0.05	10	0.20	98	1	0.02	9	830	23	0.07	<2	1	34
ZZ50763		10	0.05	0.07	20	0.32	215	1	0.01	10	400	56	0.02	<2	3	20
ZZ50764		10	0.05	0.07	10	0.38	470	1	0.01	11	370	22	0.01	<2	4	17
ZZ50765		10	0.07	0.08	20	0.35	245	1	0.01	10	340	55	0.01	2	3	23
ZZ50766		<10	0.27	0.14	20	0.21	451	3	0.02	14	770	228	0.09	7	5	35
ZZ50767		<10	0.17	0.11	20	0.25	751	2	0.01	8	460	135	0.03	3	7	22
ZZ50768		<10	0.07	0.10	10	0.28	344	3	0.01	9	310	93	0.03	2	3	25
ZZ50769		<10	0.04	0.08	10	0.37	351	<1	0.01	9	660	54	0.01	<2	4	21
ZZ50770		<10	0.03	0.07	10	0.44	282	1	0.01	12	620	96	0.01	2	4	20
ZZ50781		<10	0.03	0.08	10	0.42	469	2	0.02	13	720	18	0.04	<2	4	27
ZZ50782		<10	0.06	0.08	10	0.48	458	1	0.02	13	640	21	0.05	3	5	31
ZZ50783		<10	0.03	0.08	10	0.43	305	1	0.01	12	520	12	0.04	<2	3	18
ZZ50784		10	0.04	0.08	10	0.44	451	1	0.01	15	440	12	0.03	<2	5	17
ZZ50785		<10	0.01	0.07	10	0.46	359	1	0.01	20	220	11	0.02	<2	3	12
ZZ50786		10	0.03	0.34	20	0.95	858	2	0.02	20	790	17	0.13	2	12	34
ZZ50787		<10	0.12	0.10	10	0.53	327	4	0.02	7	610	38	0.03	3	7	23
ZZ50788		10	0.15	0.07	20	0.53	1790	4	0.02	12	770	33	0.06	<2	8	25
ZZ50789		10	0.07	0.09	10	0.65	243	2	0.02	11	710	28	0.04	<2	7	25
ZZ50790		<10	0.03	0.10	20	0.62	295	1	0.02	12	660	17	0.02	2	7	19
ZZ50791		10	0.05	0.07	10	0.53	180	<1	0.01	13	650	11	0.02	<2	5	20
ZZ50792		<10	0.03	0.06	10	0.48	288	<1	0.02	13	610	11	0.02	<2	4	18
ZZ50793		<10	0.07	0.09	10	0.49	385	1	0.01	16	650	17	0.02	<2	6	20
ZZ50794		10	0.09	0.08	10	0.49	177	1	0.01	12	690	40	0.03	<2	5	20
ZZ50795		10	0.09	0.09	10	0.46	208	1	0.01	14	690	22	0.03	<2	5	20
ZZ50796		<10	0.03	0.07	20	0.45	246	1	0.02	12	620	25	0.02	<2	4	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50657		<20	0.10	<10	<10	81	<10	97
ZZ50658		<20	0.13	<10	<10	87	<10	61
ZZ50659		<20	0.09	<10	<10	80	<10	75
ZZ50660		<20	0.08	<10	<10	70	<10	53
ZZ50751		<20	0.06	<10	<10	56	<10	84
ZZ50752		<20	0.05	<10	<10	52	<10	62
ZZ50753		<20	0.06	<10	<10	60	<10	81
ZZ50754		<20	0.05	<10	<10	72	<10	114
ZZ50755		<20	0.05	<10	<10	59	<10	71
ZZ50756		<20	0.05	<10	<10	50	<10	53
ZZ50757		<20	0.06	<10	<10	54	<10	69
ZZ50758		<20	0.05	<10	<10	50	<10	75
ZZ50759		<20	0.04	<10	<10	45	<10	50
ZZ50760		<20	0.07	<10	<10	53	<10	56
ZZ50761		<20	0.06	<10	<10	46	<10	77
ZZ50762		<20	0.02	<10	<10	34	<10	52
ZZ50763		<20	0.04	<10	<10	51	<10	79
ZZ50764		<20	0.06	<10	<10	51	<10	70
ZZ50765		<20	0.05	<10	<10	55	<10	125
ZZ50766		<20	0.02	<10	<10	55	<10	337
ZZ50767		<20	0.02	<10	<10	40	<10	245
ZZ50768		<20	0.04	<10	<10	55	<10	179
ZZ50769		<20	0.06	<10	<10	40	<10	115
ZZ50770		<20	0.07	<10	<10	57	<10	165
ZZ50781		<20	0.05	<10	<10	54	<10	55
ZZ50782		<20	0.05	<10	<10	61	<10	63
ZZ50783		<20	0.06	<10	<10	56	<10	41
ZZ50784		<20	0.06	<10	<10	58	<10	47
ZZ50785		<20	0.07	<10	<10	42	<10	39
ZZ50786		<20	0.10	<10	<10	113	<10	59
ZZ50787		<20	0.04	<10	<10	81	<10	67
ZZ50788		<20	0.04	<10	<10	74	<10	56
ZZ50789		<20	0.06	<10	<10	78	<10	67
ZZ50790		<20	0.08	<10	<10	67	<10	67
ZZ50791		<20	0.07	<10	<10	53	<10	49
ZZ50792		<20	0.08	<10	<10	45	<10	41
ZZ50793		<20	0.06	<10	<10	54	<10	62
ZZ50794		<20	0.05	<10	<10	46	<10	59
ZZ50795		<20	0.06	<10	<10	50	<10	75
ZZ50796		<20	0.07	<10	<10	47	<10	58

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50797		0.35	0.041	0.6	1.05	37	<10	200	0.5	<2	0.31	0.7	8	17	31	2.42
ZZ50798		0.21	0.060	3.5	2.43	33	<10	820	0.6	2	0.36	5.7	6	27	29	3.72
ZZ50799		0.33	0.073	0.8	1.73	47	<10	190	0.5	<2	0.29	1.1	8	26	25	2.42
ZZ50800		0.34	0.015	<0.2	1.63	36	<10	230	0.5	<2	0.35	0.6	9	24	23	2.33
ZZ50901		0.32	0.051	1.2	1.30	51	<10	320	0.5	<2	0.28	1.0	7	20	37	2.08
ZZ50902		0.20	0.019	0.7	1.51	20	<10	290	<0.5	<2	0.25	0.5	5	21	24	2.00
ZZ50903		0.17	0.013	0.3	1.21	50	<10	250	<0.5	<2	0.22	1.3	6	21	17	2.27
ZZ50904		0.34	0.017	0.7	1.63	21	<10	440	0.6	<2	0.32	0.9	11	24	31	2.65
ZZ50905		0.34	0.044	0.3	1.43	22	<10	280	0.5	<2	0.33	0.7	10	23	32	2.30
ZZ50906		0.24	NSS	<0.2	1.03	15	<10	200	<0.5	<2	0.34	<0.5	14	14	12	2.10
ZZ50907		0.29	0.008	0.2	1.35	8	<10	160	<0.5	<2	0.22	<0.5	4	18	13	1.65
ZZ50908		0.37	0.016	0.4	1.85	12	<10	350	<0.5	<2	0.28	<0.5	7	25	19	2.06
ZZ50909		0.27	0.008	0.2	1.80	12	<10	220	<0.5	<2	0.25	<0.5	7	24	14	2.06
ZZ50910		0.26	0.005	0.3	1.89	16	<10	240	<0.5	<2	0.26	<0.5	12	23	25	3.04
ZZ50911		0.23	0.007	0.2	1.67	14	<10	140	<0.5	<2	0.20	<0.5	7	21	17	2.71
ZZ50912		0.26	0.006	0.3	1.75	9	<10	290	<0.5	<2	0.27	<0.5	8	23	20	1.73
ZZ50913		0.17	<0.005	0.2	1.42	7	<10	130	<0.5	<2	0.24	<0.5	4	19	9	1.40
ZZ50914		0.21	0.006	0.2	1.66	15	<10	170	0.5	<2	0.29	<0.5	10	29	14	2.48
ZZ50915		0.23	0.022	0.3	1.20	13	<10	280	<0.5	<2	0.31	<0.5	6	25	14	1.91
ZZ50916		0.28	0.014	0.3	1.30	17	<10	200	<0.5	<2	0.27	<0.5	6	15	13	2.91
ZZ50917		0.29	0.015	0.5	1.18	52	<10	100	0.5	2	0.30	<0.5	17	14	18	5.09
ZZ50918		0.30	0.014	0.4	1.14	39	<10	330	0.7	3	0.35	<0.5	18	12	21	5.11
ZZ50919		0.38	0.030	1.1	0.82	122	<10	300	0.8	4	0.31	0.7	10	16	31	5.05
ZZ50920		0.23	0.026	0.6	0.45	84	<10	140	0.6	2	0.21	<0.5	6	4	10	4.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50797		<10	0.04	0.09	20	0.35	418	1	0.01	9	700	115	0.01	<2	5	20
ZZ50798		10	0.40	0.11	20	0.39	439	2	0.01	13	850	127	0.03	2	7	26
ZZ50799		<10	0.04	0.09	20	0.47	373	1	0.01	14	700	107	0.02	<2	4	20
ZZ50800		<10	0.02	0.08	20	0.50	296	1	0.01	12	480	26	0.02	<2	5	26
ZZ50901		<10	0.06	0.12	10	0.36	305	1	0.01	10	670	126	0.01	2	5	17
ZZ50902		<10	0.04	0.10	10	0.35	296	1	0.01	9	610	45	0.03	<2	4	17
ZZ50903		<10	0.03	0.08	10	0.36	468	1	0.01	10	410	55	0.02	<2	3	17
ZZ50904		<10	0.06	0.08	20	0.42	734	1	0.01	13	640	41	0.02	2	6	21
ZZ50905		<10	0.03	0.09	20	0.41	337	1	0.01	12	720	46	0.01	<2	5	22
ZZ50906		<10	0.06	0.05	10	0.33	441	1	0.02	6	770	27	0.02	<2	2	22
ZZ50907		<10	0.04	0.05	10	0.33	193	<1	0.01	8	680	24	0.03	<2	2	15
ZZ50908		10	0.05	0.07	10	0.41	274	1	0.01	12	750	22	0.03	<2	5	21
ZZ50909		10	0.03	0.06	10	0.47	158	1	0.01	10	670	25	0.02	2	4	17
ZZ50910		10	0.02	0.09	10	0.66	776	9	0.01	12	610	19	0.03	<2	5	24
ZZ50911		10	0.03	0.07	10	0.48	271	4	0.01	10	580	18	0.04	<2	4	17
ZZ50912		10	0.06	0.07	10	0.52	163	<1	0.01	11	610	20	0.04	<2	7	20
ZZ50913		<10	0.04	0.05	10	0.37	126	1	0.01	7	570	17	0.07	<2	3	26
ZZ50914		10	0.03	0.07	10	0.49	192	1	0.01	12	750	20	0.04	<2	5	21
ZZ50915		<10	0.03	0.07	10	0.45	197	2	0.01	15	650	24	0.05	<2	3	21
ZZ50916		<10	0.04	0.06	10	0.38	131	2	0.01	7	670	30	0.04	<2	4	19
ZZ50917		<10	0.06	0.07	10	0.33	802	3	0.01	8	680	62	0.07	3	5	21
ZZ50918		<10	0.09	0.07	20	0.33	829	3	0.02	8	840	44	0.12	2	8	33
ZZ50919		<10	0.20	0.12	30	0.18	583	11	0.01	11	630	126	0.17	8	7	49
ZZ50920		<10	0.15	0.18	10	0.06	804	<1	0.01	6	450	43	0.37	5	7	28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50797		<20	0.06	<10	<10	40	<10	160
ZZ50798		<20	0.02	<10	<10	66	<10	377
ZZ50799		<20	0.07	<10	<10	49	<10	168
ZZ50800		<20	0.08	<10	<10	50	<10	94
ZZ50901		<20	0.04	<10	<10	40	<10	190
ZZ50902		<20	0.03	<10	<10	44	<10	103
ZZ50903		<20	0.05	<10	<10	46	<10	179
ZZ50904		<20	0.05	<10	<10	50	<10	116
ZZ50905		<20	0.07	<10	<10	50	<10	94
ZZ50906		<20	0.08	<10	<10	53	<10	65
ZZ50907		<20	0.05	<10	<10	36	<10	55
ZZ50908		<20	0.05	<10	<10	48	<10	56
ZZ50909		<20	0.06	<10	<10	59	<10	59
ZZ50910		<20	0.08	<10	<10	73	<10	93
ZZ50911		<20	0.05	<10	<10	58	<10	68
ZZ50912		<20	0.06	<10	<10	52	<10	55
ZZ50913		<20	0.02	<10	<10	50	<10	41
ZZ50914		<20	0.05	<10	<10	61	<10	55
ZZ50915		<20	0.04	<10	<10	48	<10	55
ZZ50916		<20	0.02	<10	<10	53	<10	59
ZZ50917		<20	0.02	<10	<10	58	<10	145
ZZ50918		<20	0.02	<10	<10	66	<10	102
ZZ50919		<20	0.01	<10	<10	35	<10	236
ZZ50920		<20	<0.01	<10	<10	31	<10	86

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12192029

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

CERTIFICATE WH12192090

Project: KLAZA

P.O. No.:

This report is for 245 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

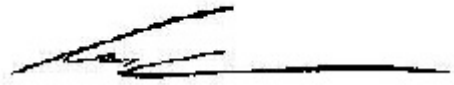
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ50941		0.11	<0.005	<0.2	1.02	5	<10	180	<0.5	<2	0.63	<0.5	5	14	20	2.26
ZZ50942		0.27	0.005	<0.2	1.47	10	<10	150	<0.5	<2	0.24	<0.5	4	16	17	1.58
ZZ50943		0.14	<0.005	<0.2	0.95	8	<10	110	<0.5	2	0.16	<0.5	10	14	13	1.72
ZZ50944		0.21	0.006	<0.2	1.24	9	<10	180	<0.5	<2	0.21	<0.5	5	17	19	1.79
ZZ50945		0.23	<0.005	0.4	1.92	15	<10	220	<0.5	2	0.26	<0.5	6	25	34	2.41
ZZ50946		0.23	<0.005	<0.2	1.12	9	<10	120	<0.5	<2	0.18	<0.5	6	17	13	1.83
ZZ50947		0.19	0.006	1.1	1.60	12	<10	360	0.6	2	0.67	<0.5	6	13	41	1.86
ZZ50948		0.26	0.007	1.1	1.81	19	<10	270	0.5	2	0.67	0.6	8	18	29	2.42
ZZ50949		0.19	<0.005	0.5	1.90	22	<10	310	0.5	<2	0.76	<0.5	7	20	24	2.67
ZZ50950		0.26	<0.005	0.4	1.63	20	<10	240	<0.5	3	0.50	<0.5	6	18	14	3.05
ZZ50951		0.19	<0.005	0.3	1.53	17	<10	290	<0.5	2	0.68	<0.5	8	21	20	2.38
ZZ50952		0.28	<0.005	<0.2	1.67	9	<10	200	<0.5	<2	0.42	<0.5	7	19	18	1.90
ZZ50953		0.18	0.008	0.6	2.16	53	<10	380	0.7	2	0.93	<0.5	11	22	29	3.28
ZZ50954		0.20	<0.005	0.2	2.02	16	<10	320	0.5	8	0.51	<0.5	10	21	24	2.91
ZZ50955		0.23	0.005	0.5	2.19	17	<10	290	0.5	3	0.67	<0.5	9	20	34	2.84
ZZ50956		0.32	0.063	0.9	1.51	223	<10	360	0.9	7	0.53	0.9	17	9	25	5.49
ZZ50957		0.23	0.005	<0.2	1.44	26	<10	180	<0.5	2	0.31	<0.5	7	24	21	2.84
ZZ50958		0.17	0.014	0.7	2.21	109	<10	160	0.6	6	0.17	0.7	16	19	77	5.00
ZZ50959		0.20	0.018	0.4	1.79	104	<10	190	0.7	4	0.16	1.4	14	23	30	4.56
ZZ50960		0.24	0.040	1.4	1.12	996	<10	170	0.7	8	0.22	1.6	15	18	66	6.07
ZZ50961		0.32	0.015	0.3	1.16	256	<10	250	0.9	3	0.36	<0.5	17	25	20	6.18
ZZ50962		0.27	0.048	<0.2	1.44	32	<10	480	0.5	2	0.36	<0.5	11	23	14	3.40
ZZ50963		0.23	0.005	<0.2	1.21	13	<10	160	<0.5	2	0.27	<0.5	6	18	8	1.83
ZZ50964		0.30	0.022	0.3	1.58	33	<10	260	0.5	2	0.29	0.5	15	27	19	3.04
ZZ50965		0.20	0.043	0.3	1.61	16	<10	210	0.5	2	0.27	<0.5	6	27	20	1.94
ZZ50966		0.29	0.012	<0.2	1.60	25	<10	180	<0.5	2	0.25	<0.5	7	25	11	2.18
ZZ50967		0.09	<0.005	<0.2	0.91	10	<10	170	<0.5	<2	0.45	<0.5	11	17	12	2.72
ZZ50968		0.19	0.016	0.2	1.63	10	<10	260	<0.5	<2	0.31	<0.5	6	20	24	1.52
ZZ50969		0.11	<0.005	0.2	1.12	3	<10	160	<0.5	2	0.18	<0.5	4	14	11	1.30
ZZ50970		0.16	0.016	0.9	1.82	19	<10	270	<0.5	<2	0.22	0.6	5	20	20	1.96
ZZ50971		0.10	0.009	<0.2	1.29	2	<10	220	<0.5	<2	0.18	<0.5	6	18	17	1.19
ZZ50972		0.28	0.043	1.0	2.03	31	<10	310	0.5	<2	0.27	0.6	7	27	28	2.22
ZZ50973		0.28	0.017	0.4	1.73	16	<10	320	0.5	<2	0.31	<0.5	7	26	26	2.23
ZZ50974		0.29	0.016	0.3	1.42	27	<10	300	<0.5	<2	0.24	0.5	10	22	17	3.11
ZZ50975		0.23	0.014	0.2	1.34	17	<10	170	<0.5	<2	0.35	<0.5	6	20	12	1.72
ZZ50976		0.20	0.058	0.4	1.10	49	<10	290	<0.5	<2	0.35	0.7	8	16	17	2.33
ZZ50977		0.24	0.017	0.8	1.09	13	<10	290	<0.5	<2	0.24	0.7	4	16	14	1.16
ZZ50978		0.19	0.067	2.0	1.93	42	<10	400	0.6	<2	0.20	1.5	6	24	66	1.88
ZZ50979		0.15	0.346	1.1	0.56	86	<10	650	1.0	8	0.24	4.4	13	18	103	3.84
ZZ50980		0.16	0.104	0.9	1.66	49	<10	300	0.6	4	0.20	1.0	11	27	89	3.38

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50941		<10	<1	0.04	10	0.21	207	<1	0.04	8	830	16	0.08	<2	2	46
ZZ50942		<10	<1	0.06	10	0.27	175	<1	0.02	8	440	28	0.01	2	2	21
ZZ50943		10	<1	0.06	10	0.23	915	1	0.02	6	360	22	0.02	3	1	15
ZZ50944		10	<1	0.06	10	0.29	328	1	0.01	7	420	17	0.02	2	2	20
ZZ50945		10	<1	0.10	10	0.50	287	1	0.01	13	350	22	0.02	2	3	25
ZZ50946		10	<1	0.09	10	0.36	297	<1	0.02	9	400	10	0.02	3	2	16
ZZ50947		<10	<1	0.06	20	0.29	409	1	0.02	8	940	20	0.10	2	3	56
ZZ50948		10	<1	0.09	10	0.52	490	1	0.03	10	670	29	0.05	3	4	46
ZZ50949		10	<1	0.10	10	0.56	440	2	0.03	10	770	21	0.07	4	4	47
ZZ50950		<10	<1	0.09	10	0.54	192	1	0.02	10	370	27	0.03	3	4	30
ZZ50951		<10	<1	0.08	10	0.47	433	1	0.02	13	520	16	0.05	3	4	38
ZZ50952		10	1	0.08	10	0.53	175	<1	0.02	12	480	10	0.05	2	4	26
ZZ50953		10	<1	0.12	20	0.57	516	1	0.02	15	810	21	0.07	3	7	50
ZZ50954		10	<1	0.09	10	0.60	547	1	0.02	14	630	13	0.04	2	5	34
ZZ50955		10	<1	0.10	20	0.41	372	1	0.01	12	520	15	0.05	3	6	31
ZZ50956		<10	1	0.15	30	0.43	1445	5	0.02	9	580	83	0.13	6	12	25
ZZ50957		10	1	0.11	10	0.44	286	1	0.01	13	510	18	0.05	2	3	26
ZZ50958		10	1	0.14	10	0.59	781	4	0.01	13	550	75	0.07	12	6	18
ZZ50959		10	1	0.13	20	0.41	1210	2	0.01	14	510	87	0.06	8	6	16
ZZ50960		<10	1	0.11	20	0.27	1410	5	0.01	12	650	103	0.06	41	7	19
ZZ50961		<10	<1	0.10	30	0.41	1480	4	0.01	15	650	48	0.08	12	11	18
ZZ50962		<10	1	0.15	10	0.68	481	2	0.01	10	700	19	0.03	3	6	21
ZZ50963		<10	<1	0.06	10	0.38	147	1	0.01	7	590	14	0.03	2	3	14
ZZ50964		<10	<1	0.11	20	0.51	350	2	0.01	15	630	35	0.02	4	7	18
ZZ50965		<10	<1	0.09	20	0.46	324	2	0.01	11	580	52	0.04	3	6	16
ZZ50966		10	<1	0.08	10	0.52	308	2	0.01	10	490	37	0.03	3	5	15
ZZ50967		<10	<1	0.04	10	0.26	1005	1	0.01	7	1160	8	0.09	2	2	40
ZZ50968		10	<1	0.08	10	0.48	173	1	0.01	11	600	22	0.06	3	5	23
ZZ50969		10	<1	0.04	10	0.26	488	2	0.02	5	560	9	0.05	<2	1	18
ZZ50970		10	<1	0.07	10	0.35	180	10	0.02	8	700	35	0.03	<2	4	18
ZZ50971		<10	<1	0.04	10	0.30	414	<1	0.02	6	540	15	0.03	<2	2	14
ZZ50972		10	<1	0.07	20	0.43	188	<1	0.02	10	640	64	0.01	2	5	21
ZZ50973		10	<1	0.08	20	0.45	210	<1	0.02	12	680	23	0.01	<2	5	23
ZZ50974		<10	<1	0.07	10	0.34	250	1	0.02	7	800	39	0.02	<2	4	15
ZZ50975		<10	<1	0.06	10	0.35	227	1	0.02	8	770	55	0.04	<2	3	21
ZZ50976		<10	<1	0.07	10	0.31	512	1	0.02	6	790	58	0.02	<2	3	20
ZZ50977		<10	<1	0.06	10	0.29	187	<1	0.01	5	510	33	0.01	<2	3	15
ZZ50978		<10	<1	0.10	10	0.32	386	<1	0.01	11	710	56	0.03	<2	4	16
ZZ50979		<10	<1	0.10	20	0.10	1345	1	0.01	19	840	107	0.05	6	5	20
ZZ50980		<10	<1	0.10	10	0.34	545	<1	0.02	16	530	67	0.05	5	3	23

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50941		<20	0.08	<10	<10	69	<10	40
ZZ50942		<20	0.05	<10	<10	37	<10	43
ZZ50943		<20	0.06	<10	<10	50	<10	57
ZZ50944		<20	0.06	<10	<10	50	<10	53
ZZ50945		<20	0.07	<10	<10	63	<10	70
ZZ50946		<20	0.07	<10	<10	52	<10	46
ZZ50947		<20	0.03	<10	<10	40	<10	87
ZZ50948		<20	0.05	<10	<10	49	<10	118
ZZ50949		<20	0.05	<10	<10	52	<10	113
ZZ50950		<20	0.06	<10	<10	57	<10	65
ZZ50951		<20	0.05	<10	<10	53	<10	69
ZZ50952		<20	0.06	<10	<10	48	<10	48
ZZ50953		<20	0.04	<10	<10	59	<10	86
ZZ50954		<20	0.05	<10	<10	62	<10	60
ZZ50955		<20	0.03	<10	<10	57	<10	54
ZZ50956		<20	0.01	<10	<10	69	<10	175
ZZ50957		<20	0.07	<10	<10	75	<10	59
ZZ50958		<20	0.07	<10	<10	82	<10	162
ZZ50959		<20	0.05	<10	<10	71	<10	222
ZZ50960		<20	0.02	<10	<10	57	<10	299
ZZ50961		<20	0.03	<10	<10	74	<10	134
ZZ50962		<20	0.06	<10	<10	60	<10	64
ZZ50963		<20	0.04	<10	<10	46	<10	41
ZZ50964		<20	0.06	<10	<10	56	<10	92
ZZ50965		<20	0.03	<10	<10	50	<10	79
ZZ50966		<20	0.05	<10	<10	54	<10	75
ZZ50967		<20	0.05	<10	<10	67	<10	46
ZZ50968		<20	0.06	<10	<10	55	<10	66
ZZ50969		<20	0.04	<10	<10	45	<10	32
ZZ50970		<20	0.02	<10	<10	51	<10	66
ZZ50971		<20	0.04	<10	<10	30	<10	38
ZZ50972		<20	0.05	<10	<10	56	<10	98
ZZ50973		<20	0.07	<10	<10	52	<10	72
ZZ50974		<20	0.04	<10	<10	50	<10	87
ZZ50975		<20	0.04	<10	<10	44	<10	101
ZZ50976		<20	0.06	<10	<10	47	<10	130
ZZ50977		<20	0.03	<10	<10	29	<10	102
ZZ50978		<20	0.02	<10	<10	45	<10	217
ZZ50979		<20	0.01	<10	<10	36	<10	472
ZZ50980		<20	0.03	<10	<10	52	<10	150

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50981		0.23	0.038	0.4	1.42	28	<10	300	0.5	<2	0.21	1.1	9	20	26	2.28
ZZ50982		0.27	0.029	0.3	2.53	24	<10	410	0.7	<2	0.23	<0.5	7	30	26	3.00
ZZ50983		0.30	0.007	<0.2	1.45	12	<10	180	<0.5	<2	0.25	<0.5	7	22	22	2.08
ZZ50984		0.25	0.145	1.2	0.92	114	<10	490	0.8	5	0.29	2.4	9	11	75	3.90
ZZ50985		0.16	0.036	1.0	1.41	53	<10	170	<0.5	3	0.14	0.6	4	16	29	2.52
ZZ50986		0.14	0.225	0.4	1.03	96	<10	160	<0.5	4	0.14	0.5	8	17	115	2.80
ZZ50987		0.23	0.099	1.0	1.04	97	<10	690	0.8	3	0.30	1.8	10	14	52	3.43
ZZ50988		0.28	0.016	0.2	1.48	19	<10	150	<0.5	<2	0.23	<0.5	9	22	14	2.02
ZZ50989		0.20	0.029	<0.2	1.56	21	<10	230	0.6	<2	0.19	0.7	10	20	26	2.82
ZZ50990		0.33	0.011	<0.2	1.08	10	<10	130	<0.5	<2	0.18	<0.5	4	18	12	1.75
ZZ50991		0.24	0.034	0.2	1.48	18	<10	340	<0.5	<2	0.30	<0.5	7	25	27	2.29
ZZ50992		0.21	0.046	0.5	1.26	50	<10	150	<0.5	<2	0.26	0.5	10	20	24	2.29
ZZ50993		0.31	0.018	0.5	1.50	16	<10	300	<0.5	<2	0.29	<0.5	6	23	16	2.01
ZZ50994		0.26	0.023	0.5	1.95	16	<10	250	0.5	2	0.25	<0.5	10	27	34	2.52
ZZ50995		0.21	0.014	0.3	2.12	19	<10	360	0.6	<2	0.29	<0.5	10	30	23	2.94
ZZ50996		0.21	0.056	0.4	1.16	25	<10	140	<0.5	<2	0.30	<0.5	5	17	14	2.02
ZZ50997		0.22	0.012	<0.2	1.42	13	<10	190	<0.5	<2	0.26	<0.5	8	22	16	2.14
ZZ50998		0.24	0.014	1.4	1.61	15	<10	180	<0.5	<2	0.28	<0.5	8	23	31	2.23
ZZ50999		0.18	0.019	0.3	1.75	10	<10	240	<0.5	<2	0.28	<0.5	7	23	21	2.18
ZZ51000		0.19	0.020	0.2	1.65	18	<10	170	<0.5	<2	0.26	<0.5	17	23	19	2.50
ZZ51553		0.39	<0.005	<0.2	1.35	11	<10	90	<0.5	<2	0.18	<0.5	6	18	19	2.69
ZZ51554		0.32	0.118	1.4	1.86	45	<10	150	<0.5	<2	0.15	<0.5	9	24	26	2.58
ZZ51555		0.39	0.009	0.2	1.24	10	<10	110	<0.5	<2	0.18	<0.5	5	19	17	2.06
ZZ51556		0.50	0.009	0.4	1.78	18	<10	110	0.5	<2	0.21	<0.5	9	24	17	2.47
ZZ51557		0.36	0.018	0.2	1.29	11	<10	120	<0.5	<2	0.27	<0.5	10	17	23	2.13
ZZ51558		0.46	0.056	3.7	1.50	36	<10	270	<0.5	<2	0.33	0.6	6	20	48	2.55
ZZ51559		0.25	<0.005	<0.2	0.71	9	<10	100	<0.5	<2	0.38	<0.5	5	9	10	1.55
ZZ51560		0.36	<0.005	0.2	1.09	8	<10	170	<0.5	<2	0.77	0.7	5	14	18	1.65
ZZ51571		0.35	0.007	0.5	1.49	20	<10	190	<0.5	<2	0.93	0.5	9	20	28	2.93
ZZ51572		0.28	0.005	0.3	1.50	19	<10	160	<0.5	<2	0.93	0.5	11	20	30	3.03
ZZ51573		0.19	<0.005	0.3	1.22	15	<10	150	<0.5	<2	1.22	<0.5	7	13	24	1.86
ZZ51574		0.37	<0.005	0.2	1.12	11	<10	150	<0.5	<2	0.97	<0.5	8	15	19	2.29
ZZ51575		0.30	0.016	0.5	1.68	16	<10	210	<0.5	<2	0.58	0.5	9	22	32	2.68
ZZ51576		0.22	<0.005	0.2	0.78	11	<10	160	<0.5	<2	1.11	0.6	6	9	21	1.87
ZZ51577		0.24	<0.005	0.3	0.65	6	<10	100	<0.5	<2	0.65	<0.5	4	7	17	1.24
ZZ51578		0.29	0.007	0.6	1.36	17	<10	220	<0.5	<2	1.01	<0.5	7	16	24	2.43
ZZ51579		0.47	0.007	0.3	1.70	19	<10	250	<0.5	<2	0.60	<0.5	10	24	26	2.90
ZZ51580		0.23	0.010	0.4	1.56	18	<10	260	<0.5	<2	0.71	<0.5	9	21	29	2.68
ZZ51581		0.28	<0.005	0.2	1.38	18	<10	260	<0.5	<2	0.83	<0.5	9	19	23	2.80
ZZ51582		0.28	0.009	0.8	1.92	20	<10	340	0.5	<2	0.64	<0.5	10	28	33	2.95

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50981		<10	<1	0.09	10	0.36	395	<1	0.01	10	520	37	0.01	<2	4	16
ZZ50982		10	<1	0.12	10	0.45	283	<1	0.02	13	390	25	0.01	<2	5	23
ZZ50983		10	<1	0.08	10	0.40	229	<1	0.02	12	630	16	0.01	<2	4	17
ZZ50984		<10	<1	0.11	30	0.26	587	10	0.01	4	970	143	0.02	6	7	19
ZZ50985		10	<1	0.09	10	0.14	271	1	0.01	5	360	71	0.03	<2	2	19
ZZ50986		<10	<1	0.08	10	0.17	517	1	0.01	7	470	134	0.02	2	3	12
ZZ50987		<10	<1	0.12	40	0.31	720	1	0.01	7	690	89	<0.01	3	7	24
ZZ50988		<10	<1	0.07	10	0.38	322	<1	0.02	12	540	25	0.01	<2	3	15
ZZ50989		<10	<1	0.08	20	0.33	525	<1	0.01	9	510	40	0.01	2	5	16
ZZ50990		10	<1	0.07	10	0.32	158	<1	0.01	7	290	13	0.01	<2	3	15
ZZ50991		<10	<1	0.09	20	0.45	288	<1	0.02	13	570	25	0.01	<2	5	22
ZZ50992		<10	<1	0.08	20	0.40	343	<1	0.02	8	640	88	0.01	<2	3	18
ZZ50993		<10	<1	0.08	10	0.43	168	<1	0.02	11	530	27	0.01	<2	4	20
ZZ50994		10	<1	0.08	10	0.46	373	<1	0.02	13	670	28	0.03	<2	4	20
ZZ50995		10	1	0.09	10	0.51	385	<1	0.02	16	770	15	0.03	<2	5	24
ZZ50996		<10	<1	0.08	10	0.39	141	1	0.02	7	740	49	0.01	<2	3	18
ZZ50997		<10	<1	0.07	10	0.43	416	<1	0.02	11	670	9	0.01	<2	4	17
ZZ50998		<10	<1	0.09	10	0.48	246	1	0.02	13	650	19	0.01	<2	5	19
ZZ50999		10	<1	0.07	10	0.48	231	<1	0.02	12	770	14	0.03	<2	5	21
ZZ51000		<10	<1	0.11	10	0.51	418	<1	0.02	10	650	21	0.01	<2	6	19
ZZ51553		10	<1	0.06	10	0.34	231	<1	0.02	7	440	7	0.02	<2	4	18
ZZ51554		<10	<1	0.08	10	0.37	281	<1	0.02	12	350	30	0.04	2	4	15
ZZ51555		10	<1	0.04	10	0.22	137	<1	0.02	8	370	13	0.03	<2	1	21
ZZ51556		<10	<1	0.06	10	0.38	276	<1	0.02	13	380	10	0.02	<2	3	20
ZZ51557		<10	<1	0.05	10	0.37	407	<1	0.02	8	570	12	0.01	<2	2	21
ZZ51558		<10	<1	0.08	10	0.31	559	5	0.02	12	1390	82	0.10	6	2	34
ZZ51559		<10	1	0.03	<10	0.20	281	<1	0.03	6	460	6	0.02	<2	1	23
ZZ51560		<10	1	0.04	10	0.32	233	<1	0.03	6	670	7	0.06	<2	2	48
ZZ51571		10	1	0.06	10	0.69	403	<1	0.03	8	790	25	0.07	<2	5	62
ZZ51572		10	1	0.07	10	0.73	286	<1	0.03	9	720	24	0.08	<2	6	62
ZZ51573		<10	<1	0.05	10	0.40	507	<1	0.03	6	650	12	0.08	<2	3	82
ZZ51574		<10	1	0.05	10	0.46	551	<1	0.03	7	660	11	0.06	<2	3	71
ZZ51575		10	<1	0.08	10	0.74	230	<1	0.02	8	710	37	0.10	<2	9	42
ZZ51576		<10	1	0.04	10	0.32	737	<1	0.03	5	870	21	0.10	<2	2	74
ZZ51577		<10	<1	0.04	10	0.21	268	<1	0.04	4	500	10	0.05	<2	2	47
ZZ51578		<10	1	0.06	10	0.45	447	<1	0.03	7	730	13	0.07	<2	5	72
ZZ51579		10	<1	0.08	10	0.67	426	<1	0.02	12	670	16	0.03	<2	6	46
ZZ51580		<10	<1	0.07	10	0.51	543	1	0.03	9	740	15	0.06	<2	5	51
ZZ51581		<10	<1	0.10	10	0.69	429	<1	0.03	9	800	13	0.04	2	5	59
ZZ51582		10	<1	0.07	10	0.62	400	1	0.02	14	810	17	0.06	<2	6	50

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50981		<20	0.04	<10	<10	45	<10	94
ZZ50982		<20	0.03	<10	<10	61	<10	84
ZZ50983		<20	0.06	<10	<10	45	<10	67
ZZ50984		<20	0.02	<10	<10	42	<10	360
ZZ50985		<20	0.02	<10	<10	60	<10	146
ZZ50986		<20	0.02	<10	<10	40	<10	172
ZZ50987		<20	0.03	<10	10	47	<10	238
ZZ50988		<20	0.06	<10	<10	42	<10	77
ZZ50989		<20	0.04	<10	<10	49	<10	126
ZZ50990		<20	0.07	<10	<10	49	<10	55
ZZ50991		<20	0.07	<10	<10	46	<10	72
ZZ50992		<20	0.06	<10	<10	43	<10	97
ZZ50993		<20	0.05	<10	<10	47	<10	84
ZZ50994		<20	0.06	<10	<10	51	<10	77
ZZ50995		<20	0.06	<10	<10	60	<10	66
ZZ50996		<20	0.06	<10	<10	44	<10	85
ZZ50997		<20	0.06	<10	<10	44	<10	55
ZZ50998		<20	0.07	<10	<10	50	<10	72
ZZ50999		<20	0.06	<10	<10	52	<10	51
ZZ51000		<20	0.07	<10	<10	53	<10	70
ZZ51553		<20	0.08	<10	<10	92	<10	38
ZZ51554		<20	0.05	<10	<10	54	<10	63
ZZ51555		<20	0.06	<10	<10	60	<10	34
ZZ51556		<20	0.06	<10	<10	56	<10	48
ZZ51557		<20	0.06	<10	<10	56	<10	46
ZZ51558		<20	0.02	<10	<10	43	<10	132
ZZ51559		<20	0.06	<10	<10	48	<10	31
ZZ51560		<20	0.05	<10	<10	44	<10	73
ZZ51571		<20	0.08	<10	<10	84	<10	86
ZZ51572		<20	0.09	<10	<10	98	<10	87
ZZ51573		<20	0.05	<10	<10	47	<10	50
ZZ51574		<20	0.06	<10	<10	69	<10	68
ZZ51575		<20	0.10	<10	<10	118	<10	92
ZZ51576		<20	0.06	<10	<10	57	<10	65
ZZ51577		<20	0.04	<10	<10	34	<10	30
ZZ51578		<20	0.06	<10	<10	62	<10	63
ZZ51579		<20	0.09	<10	<10	80	<10	62
ZZ51580		<20	0.07	<10	<10	62	<10	55
ZZ51581		<20	0.09	<10	<10	86	<10	54
ZZ51582		<20	0.07	<10	<10	76	<10	65

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51583		0.25	<0.005	0.2	1.13	10	<10	190	<0.5	<2	0.86	<0.5	7	15	21	1.88
ZZ51584		0.26	0.007	0.5	1.90	28	<10	220	0.5	<2	0.58	<0.5	12	29	29	3.31
ZZ51585		0.24	0.008	0.3	1.64	15	<10	270	<0.5	<2	0.70	<0.5	11	22	34	2.61
ZZ51586		0.23	<0.005	0.2	1.03	11	<10	160	<0.5	<2	0.63	<0.5	5	13	17	1.50
ZZ51587		0.32	<0.005	0.2	1.63	20	<10	220	<0.5	<2	0.47	<0.5	9	23	24	2.64
ZZ51588		0.25	<0.005	0.2	1.26	45	<10	200	<0.5	<2	0.52	<0.5	8	18	19	2.78
ZZ51589		0.33	<0.005	0.3	1.56	11	<10	200	<0.5	<2	0.48	<0.5	8	21	33	2.31
ZZ51590		0.15	<0.005	0.2	0.38	3	<10	40	<0.5	<2	0.25	<0.5	4	6	10	1.45
ZZ51591		0.28	<0.005	<0.2	0.38	<2	<10	20	<0.5	<2	0.14	<0.5	2	3	5	0.89
ZZ51592		0.27	0.025	1.9	1.18	15	<10	150	<0.5	<2	0.20	0.8	9	14	29	2.03
ZZ51593		0.28	0.045	0.5	1.66	29	<10	250	<0.5	<2	0.28	<0.5	9	23	31	2.72
ZZ51594		0.35	0.062	2.0	2.22	27	<10	200	0.5	<2	0.21	0.5	12	29	27	3.08
ZZ51595		0.34	0.043	0.3	1.85	30	<10	210	<0.5	<2	0.18	<0.5	11	28	21	3.33
ZZ51596		0.50	0.066	1.6	0.97	40	<10	200	0.5	<2	0.28	0.9	7	17	41	2.58
ZZ51597		0.24	0.047	1.3	1.74	25	<10	310	0.6	<2	0.46	0.5	9	21	33	3.21
ZZ51598		0.34	0.020	0.3	1.05	15	<10	170	<0.5	<2	0.27	<0.5	4	16	10	1.90
ZZ51599		0.28	<0.005	0.4	0.64	5	<10	230	<0.5	<2	0.32	<0.5	4	7	19	1.25
ZZ51600		0.53	0.080	1.2	1.88	34	<10	380	0.5	3	0.31	<0.5	7	25	71	3.34
ZZ51601		Not Recvd														
ZZ51602		Not Recvd														
ZZ51603		Not Recvd														
ZZ51604		Not Recvd														
ZZ51605		Not Recvd														
ZZ51606		Not Recvd														
ZZ51607		Not Recvd														
ZZ51608		Not Recvd														
ZZ51609		Not Recvd														
ZZ51610		Not Recvd														
ZZ51611		Not Recvd														
ZZ51612		Not Recvd														
ZZ51613		Not Recvd														
ZZ51614		Not Recvd														
ZZ51615		Not Recvd														
ZZ51616		Not Recvd														
ZZ51617		Not Recvd														
ZZ51618		Not Recvd														
ZZ51619		Not Recvd														
ZZ51620		Not Recvd														
ZZ51653		0.33	0.020	0.6	1.60	49	<10	320	0.7	2	0.28	<0.5	15	18	21	4.64
ZZ51654		0.25	0.017	0.6	1.38	81	<10	400	0.7	<2	0.31	<0.5	16	16	26	4.81

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51583		<10	<1	0.04	10	0.33	407	<1	0.03	8	810	7	0.06	<2	3	63
ZZ51584		10	<1	0.07	10	0.60	702	2	0.02	14	830	19	0.04	<2	6	46
ZZ51585		10	1	0.05	10	0.45	735	1	0.03	11	1050	13	0.08	<2	4	59
ZZ51586		<10	1	0.04	10	0.28	171	<1	0.03	6	720	6	0.07	<2	2	47
ZZ51587		10	<1	0.07	10	0.56	456	<1	0.02	12	680	13	0.04	<2	5	37
ZZ51588		<10	1	0.05	10	0.47	424	<1	0.03	8	730	12	0.04	<2	4	43
ZZ51589		10	<1	0.05	10	0.54	242	<1	0.03	10	560	13	0.02	<2	5	36
ZZ51590		<10	1	0.02	<10	0.09	178	<1	0.04	2	540	<2	0.02	<2	1	21
ZZ51591		<10	<1	0.02	<10	0.05	53	<1	0.04	1	580	2	0.02	<2	<1	13
ZZ51592		<10	1	0.05	10	0.12	1270	2	0.03	5	1270	59	0.10	3	<1	24
ZZ51593		10	1	0.07	10	0.43	563	<1	0.02	12	560	36	0.02	<2	4	20
ZZ51594		10	1	0.08	10	0.48	616	<1	0.01	16	440	68	0.02	<2	4	20
ZZ51595		10	<1	0.10	10	0.40	497	<1	0.01	12	440	24	0.02	2	4	16
ZZ51596		<10	<1	0.08	20	0.35	414	1	0.01	10	640	80	0.01	7	4	19
ZZ51597		10	<1	0.08	10	0.42	631	1	0.02	10	640	48	0.04	4	6	29
ZZ51598		<10	1	0.05	10	0.30	167	<1	0.02	7	620	12	0.02	<2	3	21
ZZ51599		<10	<1	0.03	<10	0.11	765	<1	0.04	4	700	5	0.07	<2	1	34
ZZ51600		10	1	0.09	10	0.47	458	1	0.02	14	1020	23	0.06	4	5	35
ZZ51601																
ZZ51602																
ZZ51603																
ZZ51604																
ZZ51605																
ZZ51606																
ZZ51607																
ZZ51608																
ZZ51609																
ZZ51610																
ZZ51611																
ZZ51612																
ZZ51613																
ZZ51614																
ZZ51615																
ZZ51616																
ZZ51617																
ZZ51618																
ZZ51619																
ZZ51620																
ZZ51653		<10	<1	0.09	20	0.50	504	3	0.02	9	790	50	0.05	2	8	24
ZZ51654		<10	1	0.09	20	0.39	791	3	0.02	7	750	86	0.06	5	8	23

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51583		<20	0.05	<10	<10	48	<10	43
ZZ51584		<20	0.06	<10	<10	69	<10	60
ZZ51585		<20	0.05	<10	<10	57	<10	47
ZZ51586		<20	0.04	<10	<10	36	<10	30
ZZ51587		<20	0.06	<10	<10	64	<10	52
ZZ51588		<20	0.07	<10	<10	85	<10	47
ZZ51589		<20	0.07	<10	<10	73	<10	45
ZZ51590		<20	0.07	<10	<10	51	<10	20
ZZ51591		<20	0.05	<10	<10	30	<10	11
ZZ51592		<20	0.01	<10	<10	46	<10	78
ZZ51593		<20	0.04	<10	<10	57	<10	76
ZZ51594		<20	0.07	<10	<10	63	<10	136
ZZ51595		<20	0.06	<10	<10	67	<10	63
ZZ51596		<20	0.05	<10	<10	45	<10	99
ZZ51597		<20	0.04	<10	<10	69	<10	100
ZZ51598		<20	0.05	<10	<10	44	<10	42
ZZ51599		<20	0.04	<10	<10	35	<10	37
ZZ51600		<20	0.04	<10	<10	66	<10	104
ZZ51601								
ZZ51602								
ZZ51603								
ZZ51604								
ZZ51605								
ZZ51606								
ZZ51607								
ZZ51608								
ZZ51609								
ZZ51610								
ZZ51611								
ZZ51612								
ZZ51613								
ZZ51614								
ZZ51615								
ZZ51616								
ZZ51617								
ZZ51618								
ZZ51619								
ZZ51620								
ZZ51653		<20	0.03	<10	<10	73	<10	122
ZZ51654		<20	0.02	<10	<10	63	<10	162

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ51655		0.27	0.013	0.5	1.44	179	<10	300	0.7	<2	0.22	<0.5	11	22	23	5.84
ZZ51656		0.23	0.021	0.7	1.80	108	<10	300	0.7	4	0.24	0.5	15	23	35	4.49
ZZ51657		0.30	0.014	0.6	1.92	93	<10	190	0.6	3	0.23	<0.5	13	21	31	3.65
ZZ51658		0.24	0.061	0.7	0.92	1050	<10	540	1.3	4	0.45	1.0	22	10	28	6.48
ZZ51659		0.18	0.008	0.3	1.74	35	<10	130	0.7	6	0.10	<0.5	21	13	25	6.08
ZZ51660		0.28	0.015	0.7	1.56	27	<10	220	<0.5	2	0.38	<0.5	12	21	18	2.44
ZZ51671		0.31	<0.005	0.3	1.99	21	<10	240	<0.5	2	0.38	<0.5	9	24	23	2.81
ZZ51672		0.26	<0.005	0.3	2.46	22	<10	330	0.5	2	0.44	<0.5	12	30	27	3.62
ZZ51673		0.29	0.010	0.6	2.32	17	<10	310	0.5	<2	0.54	<0.5	11	30	31	3.14
ZZ51674		0.29	<0.005	<0.2	1.50	9	<10	260	<0.5	<2	0.49	<0.5	10	20	14	2.76
ZZ51675		0.29	0.015	0.8	1.86	20	<10	240	<0.5	2	0.30	<0.5	10	24	25	2.92
ZZ51676		0.41	0.015	0.5	1.64	14	<10	200	<0.5	<2	0.45	<0.5	11	25	28	3.23
ZZ51677		0.21	0.023	0.7	1.12	15	<10	140	<0.5	<2	0.19	<0.5	6	18	15	2.67
ZZ51678		0.17	<0.005	0.2	1.53	13	<10	140	<0.5	<2	0.22	<0.5	8	21	16	2.43
ZZ51679		0.26	0.036	0.8	3.37	23	<10	510	1.0	<2	0.43	<0.5	9	31	53	3.66
ZZ51680		0.23	0.010	<0.2	1.06	29	<10	130	<0.5	<2	0.11	<0.5	6	17	20	1.94
ZZ51681		0.41	0.020	2.0	1.68	1750	<10	490	0.7	4	0.23	2.1	12	32	188	4.36
ZZ51682		0.37	0.009	1.0	1.35	129	<10	630	0.5	2	0.28	<0.5	6	20	25	2.82
ZZ51683		0.17	0.009	0.4	1.01	111	<10	160	<0.5	<2	0.13	<0.5	4	17	13	2.07
ZZ51684		0.33	0.005	0.2	1.43	16	<10	110	<0.5	<2	0.13	<0.5	5	24	14	2.21
ZZ51685		0.34	0.005	0.3	1.56	23	<10	220	0.5	<2	0.23	<0.5	6	22	20	2.11
ZZ51686		0.21	<0.005	<0.2	1.09	14	<10	150	<0.5	<2	0.25	<0.5	9	19	14	2.12
ZZ51687		0.33	<0.005	0.2	1.51	10	<10	150	<0.5	<2	0.31	<0.5	7	23	22	2.53
ZZ51688		0.43	<0.005	0.2	1.35	9	<10	140	<0.5	<2	0.33	<0.5	6	21	15	1.87
ZZ51689		0.40	<0.005	<0.2	1.73	11	<10	220	0.5	<2	0.38	<0.5	8	31	22	2.01
ZZ51690		0.36	<0.005	0.2	2.10	12	<10	170	0.6	<2	0.27	<0.5	8	28	21	2.54
ZZ51691		0.28	<0.005	0.2	1.32	29	<10	130	<0.5	<2	0.19	<0.5	6	21	21	2.02
ZZ51692		0.28	0.006	0.2	1.32	50	<10	190	<0.5	2	0.16	<0.5	6	25	25	2.57
ZZ51693		0.18	<0.005	0.3	1.42	82	<10	320	1.0	3	0.15	0.7	10	22	119	2.94
ZZ51694		0.20	<0.005	0.3	1.54	24	<10	290	0.7	2	0.39	<0.5	11	23	43	3.10
ZZ51695		0.35	<0.005	0.4	1.75	38	<10	310	0.7	<2	0.55	<0.5	11	25	39	2.88
ZZ51696		0.27	<0.005	<0.2	1.48	19	<10	230	0.5	2	0.33	<0.5	9	21	22	2.62
ZZ51697		0.32	0.006	0.5	1.63	99	<10	320	0.6	4	0.60	<0.5	9	22	38	2.84
ZZ51698		0.28	<0.005	0.2	0.78	18	<10	180	<0.5	<2	0.33	<0.5	8	12	13	2.09
ZZ51699		0.26	0.005	0.3	1.24	28	<10	290	<0.5	2	0.37	<0.5	9	18	23	1.90
ZZ51700		0.23	<0.005	<0.2	0.39	4	<10	70	<0.5	<2	0.20	<0.5	2	5	7	0.76
ZZ51701		0.19	<0.005	0.2	0.46	5	<10	140	<0.5	<2	0.29	<0.5	3	6	9	0.95
ZZ51722		0.25	<0.005	0.2	1.36	18	<10	140	<0.5	<2	0.31	<0.5	5	22	14	1.94
ZZ51723		0.33	0.027	0.6	1.50	28	<10	140	<0.5	<2	0.24	<0.5	8	24	17	2.60
ZZ51724		0.31	<0.005	0.2	1.07	17	<10	180	<0.5	<2	0.56	<0.5	7	26	19	2.30

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51655		<10	1	0.09	20	0.31	540	4	0.01	8	600	47	0.03	4	6	17
ZZ51656		10	<1	0.11	20	0.37	2230	2	0.01	13	870	72	0.06	6	7	21
ZZ51657		10	<1	0.12	10	0.60	614	2	0.02	13	390	57	0.02	5	7	18
ZZ51658		<10	<1	0.12	20	0.25	3360	2	0.01	12	860	75	0.02	14	11	25
ZZ51659		10	<1	0.09	20	0.34	1145	7	0.01	9	920	31	0.22	<2	6	10
ZZ51660		10	<1	0.07	10	0.51	276	1	0.02	7	610	41	0.02	<2	6	26
ZZ51671		10	<1	0.09	10	0.60	329	1	0.02	14	480	14	<0.01	<2	5	28
ZZ51672		10	<1	0.10	10	0.81	557	1	0.02	15	480	17	<0.01	2	7	36
ZZ51673		10	<1	0.11	10	0.70	576	1	0.02	16	690	17	0.02	<2	5	42
ZZ51674		10	<1	0.11	10	0.88	433	<1	0.02	10	660	11	<0.01	<2	4	35
ZZ51675		10	<1	0.12	10	0.63	544	1	0.02	13	540	29	0.02	2	5	30
ZZ51676		10	<1	0.14	20	0.86	439	1	0.03	12	770	37	0.01	2	7	42
ZZ51677		<10	<1	0.10	10	0.39	469	2	0.01	9	540	69	0.05	3	3	30
ZZ51678		10	<1	0.08	10	0.36	484	1	0.01	11	540	23	0.01	<2	3	22
ZZ51679		10	<1	0.13	20	0.57	512	2	0.02	18	880	24	0.03	2	6	45
ZZ51680		<10	<1	0.06	10	0.22	335	1	0.01	8	520	15	0.04	2	1	12
ZZ51681		<10	<1	0.14	30	0.55	1410	6	0.01	11	700	154	0.15	37	7	26
ZZ51682		<10	<1	0.11	10	0.25	560	3	0.01	8	800	30	0.05	7	4	21
ZZ51683		10	<1	0.06	10	0.21	230	2	0.01	7	360	19	0.03	3	2	14
ZZ51684		10	<1	0.06	10	0.33	224	1	0.01	10	380	12	0.01	<2	2	13
ZZ51685		<10	<1	0.09	10	0.39	292	1	0.02	12	770	13	0.04	2	2	17
ZZ51686		10	<1	0.07	10	0.35	2090	1	0.02	8	660	9	0.04	<2	1	18
ZZ51687		10	<1	0.09	10	0.46	462	1	0.02	10	600	17	0.03	3	2	24
ZZ51688		<10	<1	0.09	10	0.47	301	1	0.01	9	510	11	0.03	2	3	23
ZZ51689		10	<1	0.15	20	0.61	195	<1	0.01	12	230	18	0.04	2	6	20
ZZ51690		10	<1	0.08	10	0.59	402	1	0.01	15	510	13	0.01	<2	3	20
ZZ51691		<10	<1	0.08	10	0.34	386	1	0.01	11	580	19	0.02	<2	2	14
ZZ51692		10	<1	0.07	10	0.38	382	2	0.01	12	520	21	0.04	4	2	14
ZZ51693		<10	<1	0.11	20	0.37	1205	4	0.01	12	560	24	0.05	11	3	21
ZZ51694		10	<1	0.13	20	0.57	877	5	0.02	11	680	20	0.02	5	6	23
ZZ51695		10	<1	0.12	20	0.60	793	5	0.02	13	700	19	0.04	5	5	28
ZZ51696		10	<1	0.13	10	0.53	649	2	0.01	11	440	20	0.02	<2	4	20
ZZ51697		<10	<1	0.10	20	0.51	790	3	0.02	12	680	21	0.05	4	4	29
ZZ51698		<10	<1	0.05	10	0.26	553	1	0.03	5	830	8	0.02	<2	2	19
ZZ51699		<10	<1	0.06	10	0.35	2800	2	0.02	8	960	16	0.05	<2	3	24
ZZ51700		<10	<1	0.03	<10	0.10	82	<1	0.03	1	630	2	0.01	<2	1	13
ZZ51701		<10	<1	0.02	<10	0.10	281	<1	0.04	3	690	4	0.03	<2	1	19
ZZ51722		<10	<1	0.06	10	0.38	215	1	0.01	11	490	13	0.01	<2	3	22
ZZ51723		<10	<1	0.08	10	0.37	448	1	0.01	13	570	22	0.01	<2	4	20
ZZ51724		<10	<1	0.11	10	0.38	376	1	0.02	14	940	16	0.01	2	5	39

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51655		<20	0.01	<10	<10	53	<10	123
ZZ51656		<20	0.03	<10	<10	60	<10	139
ZZ51657		<20	0.06	<10	<10	68	<10	128
ZZ51658		<20	0.01	<10	<10	60	<10	190
ZZ51659		<20	0.02	<10	<10	70	<10	76
ZZ51660		<20	0.07	<10	<10	83	<10	99
ZZ51671		<20	0.09	<10	<10	71	<10	60
ZZ51672		<20	0.10	<10	<10	93	<10	66
ZZ51673		<20	0.07	<10	<10	75	<10	70
ZZ51674		<20	0.12	<10	<10	87	<10	65
ZZ51675		<20	0.08	<10	<10	70	<10	68
ZZ51676		<20	0.13	<10	<10	82	<10	90
ZZ51677		<20	0.06	<10	<10	41	<10	74
ZZ51678		<20	0.06	<10	<10	50	<10	58
ZZ51679		<20	0.03	<10	<10	66	<10	91
ZZ51680		<20	0.05	<10	<10	50	<10	45
ZZ51681		<20	0.02	<10	<10	55	<10	249
ZZ51682		<20	0.02	<10	<10	48	<10	79
ZZ51683		<20	0.07	<10	<10	61	<10	43
ZZ51684		<20	0.06	<10	<10	54	<10	48
ZZ51685		<20	0.05	<10	<10	47	<10	49
ZZ51686		<20	0.04	<10	<10	49	<10	48
ZZ51687		<20	0.04	<10	<10	57	<10	61
ZZ51688		<20	0.05	<10	<10	44	<10	49
ZZ51689		<20	0.07	<10	<10	64	<10	55
ZZ51690		<20	0.07	<10	<10	56	<10	56
ZZ51691		<20	0.06	<10	<10	44	<10	56
ZZ51692		<20	0.07	<10	<10	58	<10	58
ZZ51693		<20	0.04	<10	<10	52	<10	135
ZZ51694		<20	0.04	<10	<10	63	<10	74
ZZ51695		<20	0.05	<10	<10	59	<10	75
ZZ51696		<20	0.06	<10	<10	53	<10	59
ZZ51697		<20	0.04	<10	<10	53	<10	87
ZZ51698		<20	0.08	<10	<10	61	<10	46
ZZ51699		<20	0.04	<10	<10	48	<10	62
ZZ51700		<20	0.05	<10	<10	25	<10	16
ZZ51701		<20	0.04	<10	<10	28	<10	22
ZZ51722		<20	0.06	<10	<10	45	<10	58
ZZ51723		<20	0.06	<10	<10	59	<10	92
ZZ51724		<20	0.07	<10	<10	54	<10	68

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51725		0.36	0.009	0.2	1.02	8	<10	160	<0.5	<2	0.41	<0.5	4	20	15	1.35
ZZ51726		0.29	0.005	0.3	1.12	19	<10	160	<0.5	<2	0.35	<0.5	4	20	18	1.82
ZZ51727		0.27	0.032	2.6	2.33	47	<10	450	0.9	<2	0.72	0.6	8	30	59	3.05
ZZ51728		0.36	0.020	0.9	1.32	37	<10	260	0.5	<2	0.46	0.7	5	21	41	2.09
ZZ51729		0.23	0.028	1.0	1.40	43	<10	290	0.6	<2	0.40	0.5	5	20	37	1.98
ZZ51730		0.30	0.013	1.3	1.44	25	<10	330	<0.5	<2	0.42	0.6	6	21	29	1.95
ZZ51731		0.33	<0.005	0.4	1.00	13	<10	140	<0.5	<2	0.15	0.6	6	18	10	1.81
ZZ51732		0.24	0.007	0.2	1.25	13	<10	170	<0.5	<2	0.27	<0.5	6	20	8	1.75
ZZ51733		0.29	0.012	0.4	1.15	64	<10	160	0.6	2	0.24	<0.5	11	25	22	3.81
ZZ51734		0.31	0.014	0.4	1.53	91	<10	320	0.7	3	0.30	<0.5	10	26	27	3.53
ZZ51735		0.21	0.006	0.7	1.10	106	<10	210	0.8	3	0.15	<0.5	15	20	27	4.30
ZZ51736		0.23	0.055	0.7	1.26	691	<10	100	0.7	7	0.14	3.3	17	18	46	5.43
ZZ51737		0.15	<0.005	0.2	1.31	14	<10	160	<0.5	<2	0.31	<0.5	5	17	13	2.30
ZZ51738		0.10	<0.005	0.4	2.38	29	<10	330	<0.5	<2	0.69	<0.5	11	21	22	3.37
ZZ51739		0.28	<0.005	0.3	1.78	18	<10	240	<0.5	<2	0.60	<0.5	11	28	29	2.94
ZZ51740		0.28	<0.005	<0.2	1.25	8	<10	140	<0.5	<2	0.35	<0.5	6	19	12	1.75
ZZ51741		0.14	0.012	<0.2	1.58	15	<10	210	<0.5	<2	0.46	<0.5	6	21	18	2.31
ZZ51742		0.13	<0.005	0.4	1.69	15	<10	250	<0.5	<2	0.44	<0.5	4	15	19	1.74
ZZ51743		0.20	<0.005	0.2	1.60	22	<10	180	<0.5	<2	0.35	<0.5	7	21	20	2.15
ZZ51744		0.21	0.009	0.4	1.18	103	<10	160	0.5	<2	0.40	<0.5	8	14	25	3.36
ZZ51745		0.16	0.011	0.5	1.50	58	<10	220	0.5	<2	0.44	<0.5	7	15	22	2.75
ZZ51746		0.26	0.005	0.2	1.38	32	<10	190	<0.5	<2	0.33	<0.5	6	18	16	2.30
ZZ51747		0.19	0.013	0.4	1.79	48	<10	310	0.5	<2	0.37	<0.5	8	22	25	2.82
ZZ51748		0.24	<0.005	0.2	1.70	42	<10	120	<0.5	<2	0.19	<0.5	8	22	18	3.21
ZZ51749		0.26	<0.005	<0.2	1.25	18	<10	140	<0.5	<2	0.40	<0.5	10	18	12	2.57
ZZ51831		0.26	0.007	0.3	1.25	34	<10	170	<0.5	<2	0.27	<0.5	6	20	16	2.10
ZZ51832		0.21	0.012	0.2	0.96	24	<10	120	<0.5	<2	0.35	<0.5	6	18	13	1.80
ZZ51833		0.14	0.007	1.7	1.04	66	<10	170	<0.5	<2	0.33	<0.5	6	19	20	2.18
ZZ51834		0.30	0.011	0.8	1.18	61	<10	210	<0.5	<2	0.34	<0.5	6	21	20	2.22
ZZ51835		0.18	0.079	0.7	1.13	130	<10	140	0.5	3	0.30	1.3	7	18	33	3.21
ZZ51836		0.18	0.154	0.9	1.03	117	<10	170	0.5	5	0.29	3.2	5	14	34	3.08
ZZ51837		0.20	0.036	0.7	1.09	69	<10	230	<0.5	2	0.32	0.9	6	18	23	2.36
ZZ51838		0.39	0.008	0.5	1.64	54	<10	170	<0.5	<2	0.35	0.5	8	28	19	2.76
ZZ51839		0.05	<0.005	0.3	1.13	17	<10	300	<0.5	<2	0.97	<0.5	6	17	13	1.66
ZZ51840		0.12	<0.005	0.2	1.26	12	<10	240	<0.5	<2	0.55	<0.5	4	24	19	1.90
ZZ51901		0.35	0.055	0.5	1.12	10	<10	280	<0.5	<2	0.25	<0.5	4	15	31	1.78
ZZ51902		0.38	0.045	0.7	1.04	22	<10	240	<0.5	<2	0.24	<0.5	5	14	21	1.85
ZZ51903		0.31	0.010	0.9	0.69	5	<10	270	<0.5	2	0.31	<0.5	18	8	25	1.72
ZZ51904		0.39	<0.005	0.2	0.37	<2	<10	180	<0.5	<2	0.28	<0.5	14	5	14	1.21
ZZ51905		0.41	0.022	0.2	1.43	8	<10	220	0.5	<2	0.31	<0.5	9	20	34	2.46

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51725		<10	<1	0.09	10	0.34	333	<1	0.01	8	690	38	0.01	2	3	27
ZZ51726		<10	<1	0.07	10	0.37	261	<1	0.01	11	440	17	0.01	<2	3	24
ZZ51727		10	<1	0.18	30	0.51	1225	1	0.02	16	570	48	0.03	4	7	50
ZZ51728		<10	<1	0.08	20	0.40	330	<1	0.01	12	550	33	0.01	3	4	29
ZZ51729		<10	<1	0.11	20	0.33	318	1	0.01	13	470	22	0.01	2	4	27
ZZ51730		<10	<1	0.11	10	0.37	288	1	0.01	12	390	33	0.01	2	3	26
ZZ51731		<10	<1	0.09	10	0.30	500	1	<0.01	9	270	13	<0.01	2	2	11
ZZ51732		<10	1	0.06	10	0.37	204	1	0.01	9	550	13	0.02	3	4	13
ZZ51733		<10	<1	0.11	20	0.37	710	3	<0.01	14	560	36	0.07	5	6	18
ZZ51734		<10	<1	0.12	20	0.40	640	3	0.01	14	540	34	0.06	6	6	25
ZZ51735		<10	<1	0.10	20	0.25	1310	4	<0.01	13	750	57	0.09	6	4	12
ZZ51736		<10	<1	0.09	10	0.36	1875	4	0.01	13	480	168	0.11	17	7	12
ZZ51737		<10	<1	0.05	10	0.36	267	1	0.01	8	700	9	0.04	2	3	25
ZZ51738		10	<1	0.09	10	0.48	647	1	0.03	10	800	13	0.06	2	6	62
ZZ51739		10	<1	0.09	10	0.78	508	1	0.02	12	760	15	0.01	<2	6	38
ZZ51740		<10	<1	0.06	10	0.51	238	<1	0.01	9	270	9	0.01	<2	3	22
ZZ51741		<10	<1	0.08	10	0.49	373	1	0.02	11	400	8	0.02	2	3	31
ZZ51742		<10	<1	0.07	10	0.29	168	1	0.03	9	640	6	0.04	<2	2	33
ZZ51743		<10	<1	0.07	10	0.46	297	1	0.01	12	540	9	0.02	<2	3	25
ZZ51744		<10	<1	0.07	10	0.37	472	3	0.02	10	690	36	0.04	5	5	28
ZZ51745		<10	<1	0.07	10	0.39	436	2	0.03	9	690	17	0.06	3	4	31
ZZ51746		<10	<1	0.08	10	0.41	312	1	0.01	11	570	11	0.02	2	3	24
ZZ51747		<10	<1	0.09	10	0.54	589	1	0.02	14	640	18	0.02	4	5	34
ZZ51748		10	<1	0.08	10	0.44	462	2	<0.01	11	390	15	0.01	2	4	16
ZZ51749		<10	<1	0.08	10	0.48	459	1	0.02	9	710	11	0.02	<2	4	27
ZZ51831		<10	<1	0.08	10	0.44	243	1	0.01	12	280	16	0.01	2	3	19
ZZ51832		<10	<1	0.06	10	0.38	261	1	0.01	10	590	7	0.01	<2	3	21
ZZ51833		<10	<1	0.07	10	0.40	317	1	0.01	10	570	28	0.01	3	3	21
ZZ51834		<10	<1	0.07	10	0.42	266	2	0.01	11	410	16	0.01	2	3	23
ZZ51835		<10	<1	0.07	20	0.40	505	3	0.01	10	540	56	0.02	5	3	24
ZZ51836		<10	<1	0.07	10	0.25	266	4	0.01	7	540	32	0.02	4	2	25
ZZ51837		<10	<1	0.06	10	0.33	394	3	0.01	9	590	17	0.01	3	3	23
ZZ51838		10	<1	0.11	10	0.50	399	1	0.01	14	380	44	<0.01	2	4	27
ZZ51839		<10	<1	0.07	10	0.24	399	<1	0.03	6	780	22	0.06	2	3	71
ZZ51840		<10	<1	0.09	10	0.36	190	<1	0.02	9	700	19	0.03	<2	5	38
ZZ51901		<10	<1	0.06	10	0.26	190	1	0.02	7	570	27	0.04	<2	2	22
ZZ51902		<10	<1	0.05	10	0.25	250	1	0.02	6	570	31	0.02	<2	2	19
ZZ51903		<10	<1	0.03	10	0.09	1415	1	0.03	4	1030	3	0.07	<2	2	26
ZZ51904		<10	<1	0.02	10	0.07	2460	<1	0.04	2	580	2	0.05	<2	1	24
ZZ51905		<10	<1	0.06	10	0.40	345	1	0.02	10	940	12	0.04	<2	4	24

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51725		<20	0.06	<10	<10	37	<10	65
ZZ51726		<20	0.06	<10	<10	41	<10	54
ZZ51727		<20	0.04	<10	<10	53	<10	178
ZZ51728		<20	0.05	<10	<10	40	<10	155
ZZ51729		<20	0.04	<10	<10	37	<10	101
ZZ51730		<20	0.04	<10	<10	40	<10	112
ZZ51731		<20	0.06	<10	<10	43	<10	72
ZZ51732		<20	0.05	<10	<10	40	<10	53
ZZ51733		<20	0.03	<10	<10	55	<10	95
ZZ51734		<20	0.02	<10	<10	53	<10	93
ZZ51735		<20	0.02	<10	<10	49	<10	139
ZZ51736		<20	0.04	<10	<10	60	<10	352
ZZ51737		<20	0.04	<10	<10	41	<10	49
ZZ51738		<20	0.05	<10	<10	64	<10	69
ZZ51739		<20	0.12	<10	<10	86	<10	74
ZZ51740		<20	0.08	<10	<10	42	<10	46
ZZ51741		<20	0.07	<10	<10	57	<10	52
ZZ51742		<20	0.05	<10	<10	38	<10	38
ZZ51743		<20	0.06	<10	<10	46	<10	48
ZZ51744		<20	0.03	<10	<10	49	<10	107
ZZ51745		<20	0.03	<10	<10	51	<10	75
ZZ51746		<20	0.05	<10	<10	49	<10	54
ZZ51747		<20	0.06	<10	<10	56	<10	87
ZZ51748		<20	0.05	<10	<10	71	<10	70
ZZ51749		<20	0.06	<10	<10	49	<10	47
ZZ51831		<20	0.07	<10	<10	42	<10	65
ZZ51832		<20	0.06	<10	<10	37	<10	38
ZZ51833		<20	0.06	<10	<10	42	<10	66
ZZ51834		<20	0.07	<10	<10	44	<10	66
ZZ51835		<20	0.04	<10	<10	41	<10	176
ZZ51836		<20	0.03	<10	<10	40	<10	399
ZZ51837		<20	0.04	<10	<10	37	<10	176
ZZ51838		<20	0.09	<10	<10	59	<10	124
ZZ51839		<20	0.04	<10	<10	41	<10	64
ZZ51840		<20	0.06	<10	<10	48	<10	57
ZZ51901		<20	0.04	<10	<10	40	<10	47
ZZ51902		<20	0.04	<10	<10	43	<10	69
ZZ51903		<20	0.05	<10	<10	40	<10	21
ZZ51904		<20	0.05	<10	<10	36	<10	17
ZZ51905		<20	0.07	<10	<10	60	<10	44

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51906		0.27	<0.005	0.3	0.28	<2	<10	70	<0.5	<2	0.12	<0.5	6	5	6	1.35
ZZ51907		0.49	0.036	0.8	1.80	20	<10	420	0.6	<2	0.41	0.6	9	21	50	2.86
ZZ51908		0.33	0.020	0.4	1.28	6	<10	300	<0.5	<2	0.34	<0.5	6	17	21	1.84
ZZ51909		0.56	0.025	0.3	1.06	13	<10	220	0.5	<2	0.29	<0.5	5	17	23	2.13
ZZ51910		0.21	<0.005	<0.2	0.40	4	<10	90	<0.5	<2	0.30	<0.5	3	7	13	1.49
ZZ51893		0.31	0.081	2.4	0.87	31	<10	390	<0.5	5	0.18	0.6	4	7	93	2.85
ZZ51894		0.56	0.038	0.8	0.82	11	<10	300	<0.5	2	0.19	0.6	5	14	43	1.82
ZZ51895		0.31	0.010	0.9	0.65	10	<10	280	<0.5	2	0.23	<0.5	4	7	33	2.13
ZZ51896		0.31	0.031	2.8	1.24	17	<10	450	<0.5	3	0.28	0.8	3	12	50	2.55
ZZ51897		0.46	0.050	1.3	1.03	26	<10	380	<0.5	2	0.23	1.2	4	14	73	2.35
ZZ51898		0.38	0.132	1.6	1.41	28	<10	420	<0.5	3	0.24	<0.5	5	18	63	2.35
ZZ51899		0.38	0.083	3.1	1.74	39	<10	650	0.6	<2	0.32	2.6	13	22	93	2.83
ZZ51900		0.34	0.074	2.2	1.72	51	<10	780	0.6	<2	0.36	2.2	5	16	73	2.56
ZZ50769		Not Recvd														
ZZ50770		Not Recvd														
ZZ50771		0.25	0.018	0.6	1.63	66	<10	280	<0.5	2	0.30	0.7	7	25	20	2.38
ZZ50772		0.21	0.044	3.3	2.29	194	<10	480	0.6	2	0.32	0.6	7	24	31	3.16
ZZ50773		0.23	0.034	1.7	1.66	54	<10	440	0.5	<2	0.45	0.8	9	20	39	2.83
ZZ50774		0.32	0.032	<0.2	1.14	10	<10	190	<0.5	<2	0.29	<0.5	6	18	21	2.16
ZZ50775		0.31	0.005	0.2	1.26	11	<10	170	<0.5	2	0.25	<0.5	6	17	13	2.14
ZZ50776		0.33	<0.005	<0.2	1.35	8	<10	190	<0.5	<2	0.23	<0.5	5	19	12	1.68
ZZ50777		0.27	0.010	<0.2	1.60	14	<10	230	<0.5	<2	0.25	<0.5	8	26	15	1.90
ZZ50778		0.29	<0.005	0.2	1.45	9	<10	170	<0.5	<2	0.20	<0.5	5	22	11	1.68
ZZ50779		0.27	<0.005	0.2	1.53	14	<10	250	<0.5	<2	0.24	<0.5	5	24	17	2.36
ZZ50780		0.37	<0.005	<0.2	1.45	14	<10	290	<0.5	<2	0.26	<0.5	7	23	17	2.12
ZZ51921		0.32	0.010	1.5	1.21	64	<10	220	0.5	<2	0.47	<0.5	5	19	28	2.22
ZZ51922		0.52	0.012	1.5	1.56	145	<10	190	<0.5	<2	0.31	0.7	6	20	25	2.36
ZZ51923		0.46	0.005	0.5	1.45	72	<10	160	<0.5	<2	0.23	0.5	5	21	14	2.21
ZZ51924		0.37	<0.005	0.8	1.77	23	<10	160	0.5	<2	0.22	<0.5	6	26	22	2.59
ZZ51925		0.41	<0.005	0.9	1.31	18	<10	120	<0.5	<2	0.12	<0.5	7	17	13	1.90
ZZ51926		0.29	0.030	3.1	1.83	196	<10	150	0.6	<2	0.33	1.7	9	18	30	2.71
ZZ51927		0.42	0.029	3.7	1.42	121	<10	130	0.6	<2	0.42	1.7	6	20	25	2.20
ZZ51928		0.23	0.007	0.9	1.21	53	<10	130	<0.5	<2	0.29	<0.5	5	15	16	2.00
ZZ51929		0.30	0.011	2.3	1.27	54	<10	140	<0.5	<2	0.31	<0.5	5	19	16	1.70
ZZ51930		0.27	<0.005	0.3	2.28	32	<10	170	0.5	2	0.17	0.6	7	26	25	2.90
ZZ51931		0.33	<0.005	0.7	1.61	15	<10	110	<0.5	<2	0.16	<0.5	7	23	14	2.31
ZZ51932		0.32	<0.005	1.4	1.47	64	<10	160	<0.5	2	0.22	0.6	8	21	21	2.29
ZZ51933		0.32	0.006	1.6	0.92	26	<10	110	<0.5	<2	0.30	<0.5	3	9	12	1.41
ZZ51934		0.39	<0.005	1.1	0.68	11	<10	110	<0.5	<2	0.17	<0.5	2	6	9	0.69
ZZ51935		0.22	0.010	2.9	1.39	46	<10	180	<0.5	<2	0.46	<0.5	4	15	19	1.63

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51906		<10	<1	0.02	<10	0.05	858	<1	0.03	2	350	3	0.02	<2	1	12
ZZ51907		10	<1	0.09	10	0.43	801	2	0.02	12	1050	19	0.07	<2	7	39
ZZ51908		<10	<1	0.05	10	0.36	580	1	0.02	8	780	18	0.06	<2	3	32
ZZ51909		<10	1	0.08	20	0.31	196	3	0.01	7	550	21	0.01	2	5	19
ZZ51910		<10	<1	0.02	<10	0.07	74	<1	0.02	3	530	3	0.07	<2	1	20
ZZ51893		<10	<1	0.13	10	0.10	262	1	0.03	2	820	112	0.20	6	2	30
ZZ51894		<10	<1	0.06	10	0.23	192	1	0.02	5	460	32	0.03	<2	3	16
ZZ51895		<10	<1	0.07	10	0.09	191	<1	0.03	2	850	23	0.05	<2	2	20
ZZ51896		<10	<1	0.11	10	0.15	164	1	0.02	4	930	63	0.11	4	1	34
ZZ51897		<10	<1	0.09	10	0.20	246	1	0.01	6	570	46	0.04	3	2	21
ZZ51898		<10	<1	0.08	10	0.31	392	1	0.01	8	590	46	0.03	3	3	23
ZZ51899		<10	<1	0.09	30	0.34	1040	1	0.01	11	760	104	0.04	<2	5	27
ZZ51900		<10	1	0.12	20	0.27	410	1	0.02	8	800	116	0.04	2	6	32
ZZ50769																
ZZ50770																
ZZ50771		10	<1	0.08	10	0.44	279	1	0.01	11	740	97	0.02	<2	3	24
ZZ50772		10	<1	0.08	10	0.33	454	4	0.02	11	920	77	0.06	<2	4	32
ZZ50773		<10	<1	0.08	20	0.45	879	9	0.02	9	660	45	0.04	2	6	39
ZZ50774		<10	<1	0.08	20	0.41	280	11	0.02	7	680	16	0.03	<2	4	21
ZZ50775		<10	<1	0.09	10	0.56	340	11	0.02	7	370	30	0.02	<2	4	17
ZZ50776		<10	<1	0.07	10	0.45	153	3	0.01	9	390	18	0.02	<2	4	16
ZZ50777		<10	<1	0.07	10	0.53	183	1	0.01	12	740	34	0.04	<2	5	21
ZZ50778		<10	<1	0.06	10	0.45	142	1	0.01	8	570	42	0.03	<2	4	14
ZZ50779		<10	<1	0.06	10	0.46	159	2	0.01	8	830	24	0.05	<2	5	18
ZZ50780		<10	<1	0.08	10	0.38	168	2	0.01	11	600	19	0.02	<2	4	16
ZZ51921		<10	1	0.08	10	0.29	582	1	0.02	9	750	41	0.04	3	3	33
ZZ51922		<10	<1	0.11	10	0.34	546	1	0.01	11	370	55	0.01	4	3	20
ZZ51923		10	<1	0.10	10	0.32	676	1	0.01	9	290	33	0.01	<2	2	20
ZZ51924		10	<1	0.08	10	0.42	356	1	0.01	14	340	25	0.01	<2	4	18
ZZ51925		<10	<1	0.06	10	0.21	875	1	0.01	7	150	39	0.01	<2	3	13
ZZ51926		10	<1	0.08	10	0.47	1200	<1	0.01	8	740	139	0.02	9	3	35
ZZ51927		<10	<1	0.07	20	0.31	790	1	0.01	12	790	69	0.03	2	3	28
ZZ51928		<10	<1	0.07	10	0.21	307	<1	0.02	8	580	28	<0.01	<2	2	22
ZZ51929		<10	<1	0.06	10	0.35	294	<1	0.02	10	540	33	<0.01	3	3	23
ZZ51930		10	<1	0.11	10	0.43	415	<1	0.01	13	240	39	<0.01	3	3	20
ZZ51931		10	<1	0.07	10	0.37	243	<1	0.01	14	280	19	<0.01	2	3	16
ZZ51932		10	<1	0.08	10	0.31	1095	<1	0.02	9	270	29	<0.01	2	2	22
ZZ51933		<10	<1	0.07	10	0.14	195	<1	0.04	4	570	12	<0.01	<2	2	19
ZZ51934		<10	<1	0.05	<10	0.09	229	<1	0.04	3	380	8	<0.01	<2	1	15
ZZ51935		<10	<1	0.09	10	0.21	320	<1	0.04	8	430	26	0.02	<2	3	32

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51906		<20	0.06	<10	<10	46	<10	20
ZZ51907		<20	0.04	<10	<10	56	<10	99
ZZ51908		<20	0.05	<10	<10	47	<10	65
ZZ51909		<20	0.04	<10	<10	35	<10	46
ZZ51910		<20	0.05	<10	<10	49	<10	20
ZZ51893		<20	0.03	<10	<10	44	<10	131
ZZ51894		<20	0.04	<10	<10	36	<10	60
ZZ51895		<20	0.05	<10	<10	55	<10	58
ZZ51896		<20	0.02	<10	<10	49	<10	88
ZZ51897		<20	0.03	<10	<10	46	<10	125
ZZ51898		<20	0.02	<10	<10	39	<10	99
ZZ51899		<20	0.03	<10	<10	45	<10	157
ZZ51900		<20	0.02	<10	<10	37	<10	245
ZZ50769								
ZZ50770								
ZZ50771		<20	0.06	<10	<10	50	<10	165
ZZ50772		<20	0.04	<10	<10	64	<10	227
ZZ50773		<20	0.03	<10	<10	61	<10	150
ZZ50774		<20	0.06	<10	<10	44	<10	66
ZZ50775		<20	0.07	<10	<10	54	<10	69
ZZ50776		<20	0.06	<10	<10	39	<10	66
ZZ50777		<20	0.06	<10	<10	53	<10	86
ZZ50778		<20	0.04	<10	<10	43	<10	85
ZZ50779		<20	0.04	<10	10	57	<10	67
ZZ50780		<20	0.04	<10	<10	45	<10	60
ZZ51921		<20	0.03	<10	<10	40	<10	69
ZZ51922		<20	0.04	<10	<10	43	<10	111
ZZ51923		<20	0.05	<10	<10	48	<10	113
ZZ51924		<20	0.06	<10	<10	53	<10	59
ZZ51925		<20	0.05	<10	<10	45	<10	56
ZZ51926		<20	0.02	<10	<10	41	<10	242
ZZ51927		<20	0.03	<10	<10	39	<10	172
ZZ51928		<20	0.05	<10	<10	53	<10	96
ZZ51929		<20	0.05	<10	<10	36	<10	101
ZZ51930		<20	0.04	<10	<10	62	<10	191
ZZ51931		<20	0.07	<10	<10	51	<10	51
ZZ51932		<20	0.06	<10	<10	54	<10	86
ZZ51933		<20	0.04	<10	<10	39	<10	77
ZZ51934		<20	0.03	<10	<10	17	<10	25
ZZ51935		<20	0.03	<10	<10	32	<10	76

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51936		0.44	0.017	3.2	1.82	72	<10	380	0.8	<2	0.70	1.0	6	22	48	2.69
ZZ51937		0.27	0.019	1.7	1.35	40	<10	210	<0.5	<2	0.61	<0.5	3	15	27	1.47
ZZ51938		0.35	0.015	2.7	1.87	26	<10	310	<0.5	<2	0.55	<0.5	4	22	22	2.01
ZZ51939		0.28	0.016	0.6	1.54	34	<10	200	<0.5	<2	0.28	<0.5	4	20	14	1.88
ZZ51940		0.31	0.017	2.7	1.69	54	<10	210	<0.5	<2	0.41	0.6	5	19	19	2.16

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51936		10	<1	0.14	20	0.35	572	1	0.02	13	720	49	0.03	3	5	48
ZZ51937		<10	<1	0.06	10	0.25	175	<1	0.03	8	620	15	0.05	2	2	46
ZZ51938		10	<1	0.10	10	0.35	323	<1	0.02	9	850	27	0.04	2	4	42
ZZ51939		<10	<1	0.07	10	0.37	295	<1	0.02	9	590	16	0.01	<2	3	23
ZZ51940		10	<1	0.09	10	0.32	379	<1	0.03	9	720	24	0.03	2	3	34

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12192090

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51936		<20	0.03	<10	<10	51	<10	152
ZZ51937		<20	0.04	<10	<10	28	<10	67
ZZ51938		<20	0.05	<10	<10	46	<10	88
ZZ51939		<20	0.06	<10	<10	43	<10	62
ZZ51940		<20	0.06	<10	<10	50	<10	141

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193367

Project: Klaza - 99

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

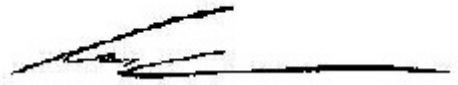
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12193367

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355204		2.41	0.019	1.34	6.49	67.8	1170	1.92	0.16	4.80	0.75	54.7	6.8	13	19.55	8.8
M355205		3.19	0.521	>100	6.37	3290	200	1.41	5.06	1.25	351	34.9	10.6	10	11.70	506
M355206		1.78	<0.005	0.18	0.13	<5	230	0.10	0.03	21.2	0.44	2.11	1.2	<1	0.54	2.1
M355207		3.71	<0.005	0.39	5.59	12.2	1320	1.14	0.13	2.26	2.71	37.1	5.7	8	13.40	27.2
M355208		2.58	0.119	4.93	6.89	854	1460	1.56	0.63	2.35	26.6	42.4	8.1	10	15.05	167.0
M355209		3.18	<0.005	0.52	7.38	20.5	1690	1.45	0.28	1.93	4.04	39.5	9.8	8	12.05	19.2
M355210		5.80	0.005	0.78	7.08	35.4	1950	1.61	0.41	2.40	5.77	37.7	8.5	9	12.55	32.7
M355211		3.24	0.110	8.06	6.75	619	1440	1.51	4.43	3.01	14.65	39.5	7.3	8	14.45	425
M355212		2.59	<0.005	0.04	0.09	<5	20	0.05	0.13	20.9	0.10	1.18	1.4	<1	0.26	2.3
M355213		3.00	0.295	4.44	6.90	316	1610	1.37	1.44	2.47	27.6	42.9	8.8	8	14.10	124.5
M355214		4.56	0.019	1.23	7.15	194.0	1590	1.64	0.39	2.64	11.00	43.1	8.1	10	15.60	49.0
M355215		2.37	0.252	8.63	6.63	1525	540	1.34	6.13	2.82	31.4	44.7	97.3	8	15.30	30.1
M355216		6.21	<0.005	0.10	7.26	5.2	2120	1.67	0.12	2.86	0.14	44.5	8.5	12	8.07	6.4
M355217		3.18	<0.005	0.10	7.37	5.8	2150	1.93	0.14	2.91	0.17	45.3	9.7	11	8.15	7.7
M355218		4.71	<0.005	0.12	7.27	8.0	2110	1.77	0.14	2.77	0.12	46.5	9.2	11	8.89	7.9
M355219		2.29	0.008	1.53	6.69	69.2	1790	1.71	0.61	2.75	11.50	38.4	7.4	13	12.00	15.8
M355220		7.30	<0.005	0.11	7.16	8.4	2170	1.66	0.29	2.90	0.93	39.0	9.5	11	7.58	6.3
M355221		<0.02	<0.005	0.13	7.44	8.3	2240	1.67	0.32	2.94	1.05	42.2	9.2	11	7.76	6.4
M355222		7.75	<0.005	0.07	7.50	6.1	2220	1.67	0.27	2.88	0.08	42.6	7.7	12	5.24	5.8
M355223		8.46	<0.005	0.13	7.03	7.3	1950	1.69	0.56	2.83	0.11	38.7	7.3	11	4.76	8.1
M355224		0.26	0.808	9.03	6.33	1620	1060	1.51	6.56	1.87	38.5	38.4	17.8	20	14.70	105.5
M355225		4.06	<0.005	0.07	7.08	6.3	2150	1.79	0.13	2.56	0.12	39.3	7.5	12	5.99	3.8
M355226		3.74	0.042	0.27	6.98	8.8	1700	1.67	0.28	2.83	1.22	38.7	7.9	11	10.45	11.0
M355227		0.26	0.810	9.33	6.40	1625	990	1.66	6.81	1.89	38.7	40.5	18.2	19	15.30	106.5
M355228		4.04	<0.005	0.07	6.96	6.0	1980	1.85	0.10	3.01	0.16	40.0	9.1	10	8.46	5.9
M355229		5.28	<0.005	0.03	7.22	7.0	2020	1.41	0.15	2.92	0.10	41.3	7.4	12	6.61	5.2
M355230		8.63	<0.005	0.07	6.79	10.1	1740	1.50	0.13	2.91	0.25	46.8	7.4	12	10.05	3.3
M355231		5.44	<0.005	0.05	6.60	5.4	2150	1.41	0.12	2.67	0.08	39.7	6.4	11	5.43	5.3
M355232		6.00	<0.005	0.23	7.09	18.8	1780	1.26	0.61	2.77	0.96	46.0	36.0	11	6.84	13.5
M355233		2.65	<0.005	0.21	7.05	25.9	3150	1.08	1.31	4.01	0.10	46.8	45.6	8	7.19	2.5
M355234		4.49	<0.005	0.18	6.69	7.9	1840	1.53	0.28	3.16	0.11	53.2	6.3	9	6.99	55.5
M355235		6.92	<0.005	0.15	6.95	10.9	2080	1.45	0.17	2.89	0.16	44.8	9.2	13	6.58	9.1
M355236		8.06	<0.005	0.10	7.14	5.9	2190	1.46	0.11	2.74	0.16	49.3	7.6	12	6.09	10.0
M355237		8.76	<0.005	0.07	7.33	3.8	2280	1.45	0.10	2.93	0.08	46.4	7.6	16	5.74	11.7
M355238		8.38	<0.005	0.05	6.96	3.4	2100	1.44	0.09	3.08	0.11	44.8	7.2	12	7.43	14.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12193367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355204		2.76	16.45	0.18	3.1	0.035	2.10	29.1	70.4	1.62	1380	3.15	0.03	9.6	5.4	940
M355205		6.57	17.75	0.13	1.6	3.09	2.89	17.8	12.1	0.50	2250	2.08	0.03	7.3	3.7	570
M355206		0.51	0.46	0.20	<0.1	0.010	0.05	1.1	2.1	13.25	233	0.11	0.01	0.3	0.8	180
M355207		2.34	12.15	0.14	1.1	0.151	2.54	20.3	19.2	0.59	974	1.25	0.70	6.0	2.1	450
M355208		3.71	16.70	0.18	1.5	2.77	3.25	20.7	17.2	0.75	2040	1.77	1.07	8.0	3.0	570
M355209		3.17	17.00	0.19	1.5	0.186	3.03	19.4	47.0	0.85	808	0.81	0.12	8.7	3.0	620
M355210		3.30	18.00	0.24	1.6	0.268	3.02	17.6	21.0	0.75	1110	0.64	1.19	9.0	3.0	610
M355211		4.60	16.35	0.17	1.4	0.504	2.89	20.5	47.9	0.95	5330	0.64	0.05	7.6	2.0	570
M355212		0.49	0.41	0.21	<0.1	<0.005	0.04	0.6	1.2	12.95	223	0.14	0.01	0.2	1.3	170
M355213		4.40	16.60	0.13	1.5	1.515	3.47	22.1	20.7	0.92	3480	0.88	0.42	7.5	2.5	560
M355214		3.74	17.50	0.19	1.6	0.519	3.77	21.7	15.9	0.80	2730	0.76	0.79	8.4	2.9	590
M355215		6.87	15.80	0.15	1.4	1.560	3.12	24.1	11.9	1.04	6190	2.37	0.39	7.7	4.1	580
M355216		2.86	17.20	0.20	1.6	0.035	2.77	22.2	13.3	0.84	618	0.86	2.26	8.3	2.9	610
M355217		3.02	17.95	0.21	1.6	0.036	2.80	22.1	13.8	0.89	691	0.92	2.28	8.9	3.0	630
M355218		2.91	17.85	0.24	1.7	0.040	2.47	22.9	15.3	0.88	638	0.54	2.43	8.6	3.2	600
M355219		3.01	16.55	0.22	1.6	0.137	2.86	18.3	13.7	0.84	1310	0.64	1.61	7.8	2.9	570
M355220		3.39	17.35	0.24	1.5	0.082	2.79	18.5	13.1	0.94	942	1.20	2.28	8.5	3.4	630
M355221		3.44	17.90	0.23	1.4	0.081	2.90	20.4	13.4	0.98	961	0.95	2.36	8.6	3.2	660
M355222		3.10	17.70	0.22	1.5	0.053	2.70	21.2	14.1	0.91	696	36.4	2.41	8.6	3.1	610
M355223		2.97	17.35	0.24	1.4	0.055	2.38	19.6	14.2	0.86	677	0.76	2.41	8.3	2.9	590
M355224		5.10	15.55	0.20	1.3	0.842	2.91	20.4	29.0	0.69	1970	12.10	0.26	7.6	16.2	490
M355225		2.96	16.80	0.20	1.3	0.048	2.77	19.7	13.6	0.86	617	0.63	2.33	8.2	2.8	600
M355226		3.01	16.60	0.21	1.4	0.058	2.68	19.0	17.0	0.79	1010	0.75	1.99	8.1	3.1	580
M355227		5.14	15.70	0.17	1.3	0.865	2.93	21.5	29.5	0.69	1980	12.25	0.26	7.7	16.0	490
M355228		3.17	17.40	0.20	1.4	0.047	2.53	18.4	18.4	0.90	964	0.74	2.35	9.1	3.0	600
M355229		3.20	16.85	0.08	1.5	0.069	2.36	20.0	13.1	0.89	682	0.90	2.68	8.3	3.5	680
M355230		2.89	16.70	0.09	1.6	0.085	2.62	22.0	13.4	0.75	1040	0.92	1.94	8.2	3.0	610
M355231		2.92	15.90	0.08	1.6	0.042	2.51	19.1	12.7	0.84	645	1.05	2.35	8.0	2.9	610
M355232		3.36	15.25	0.09	1.8	0.102	2.28	21.7	10.7	0.86	1360	0.96	2.24	8.2	3.0	660
M355233		4.87	20.2	0.08	1.5	0.403	2.55	22.6	12.0	0.96	1380	0.47	1.80	8.6	4.7	610
M355234		3.22	14.80	0.09	1.7	0.113	2.48	26.5	10.5	0.70	855	1.34	1.58	7.6	2.5	590
M355235		3.12	16.40	0.09	1.7	0.056	2.73	20.3	12.6	0.82	727	0.99	2.11	8.2	3.6	630
M355236		3.02	16.45	0.09	1.7	0.046	2.57	23.7	13.9	0.92	661	0.97	2.31	8.4	2.8	640
M355237		3.10	16.30	0.08	1.9	0.042	2.61	22.6	14.8	0.95	663	1.48	2.38	8.1	3.0	660
M355238		2.96	16.30	0.09	1.6	0.033	2.53	20.4	13.9	0.82	698	29.1	2.21	8.2	2.8	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12193367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355204		88.0	122.5	<0.002	0.44	14.25	7.0	1	1.3	648	0.69	<0.05	9.6	0.255	2.52	6.4
M355205		>10000	139.0	<0.002	7.54	179.0	9.8	4	21.0	118.0	0.59	0.35	10.9	0.234	2.87	4.3
M355206		24.6	3.2	<0.002	0.01	0.27	0.4	1	0.2	55.3	<0.05	<0.05	0.3	0.005	0.02	0.7
M355207		73.4	118.5	<0.002	0.08	4.37	9.1	1	1.8	191.0	0.51	<0.05	10.9	0.201	1.62	3.7
M355208		524	143.5	<0.002	1.30	21.3	11.4	2	3.6	251	0.66	<0.05	13.8	0.247	2.03	4.4
M355209		188.0	103.0	<0.002	0.16	8.18	12.7	1	2.5	148.5	0.75	<0.05	13.7	0.279	1.61	5.4
M355210		145.0	110.0	<0.002	0.27	4.17	12.6	2	3.2	287	0.76	<0.05	12.7	0.277	1.59	4.2
M355211		688	126.0	<0.002	1.72	18.05	11.5	2	4.2	187.0	0.65	0.05	14.3	0.242	2.17	4.3
M355212		3.3	2.2	<0.002	<0.01	0.05	0.6	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M355213		581	173.0	<0.002	0.78	14.30	11.2	2	4.6	155.0	0.66	<0.05	14.2	0.237	2.57	5.0
M355214		206	161.0	<0.002	0.45	7.82	11.9	2	3.4	225	0.74	<0.05	13.6	0.263	2.56	4.6
M355215		596	178.0	<0.002	4.11	16.50	11.5	2	4.9	141.5	0.65	3.33	13.8	0.242	2.44	5.1
M355216		17.2	98.4	<0.002	0.01	0.92	12.3	2	1.8	405	0.73	<0.05	14.6	0.262	1.12	4.9
M355217		17.4	102.0	<0.002	0.01	1.10	13.0	1	2.1	407	0.74	<0.05	13.4	0.275	1.14	4.5
M355218		17.5	95.3	<0.002	0.04	1.56	12.9	2	2.0	412	0.74	<0.05	14.2	0.265	1.21	4.6
M355219		381	109.5	<0.002	0.17	4.09	11.6	2	2.2	302	0.65	<0.05	11.7	0.251	1.68	3.9
M355220		25.3	104.5	<0.002	0.05	2.17	13.2	2	2.1	357	0.69	<0.05	11.7	0.283	1.38	4.1
M355221		28.4	114.5	<0.002	0.05	2.24	13.5	2	2.1	365	0.69	<0.05	12.5	0.293	1.35	4.0
M355222		16.6	98.5	0.004	0.02	1.39	12.7	2	2.0	424	0.69	<0.05	13.5	0.274	1.04	4.6
M355223		15.8	77.9	<0.002	0.05	1.43	12.3	2	2.1	433	0.70	<0.05	12.6	0.267	0.97	4.7
M355224		1320	156.5	<0.002	2.96	31.2	9.8	2	5.7	148.0	0.58	0.36	11.4	0.208	2.30	5.2
M355225		16.2	93.8	<0.002	0.01	1.11	12.8	2	1.8	406	0.69	<0.05	12.8	0.264	1.08	4.4
M355226		49.6	95.2	<0.002	0.09	1.98	12.5	2	1.9	332	0.69	<0.05	12.7	0.262	1.22	4.0
M355227		1335	159.5	<0.002	2.97	32.1	10.0	2	5.5	151.0	0.61	0.30	12.0	0.209	2.35	5.4
M355228		17.3	86.7	<0.002	0.02	1.37	13.9	2	2.1	397	0.75	<0.05	11.4	0.284	1.03	3.9
M355229		15.9	84.1	<0.002	0.01	2.00	11.2	1	2.5	437	0.69	<0.05	11.5	0.293	1.04	4.2
M355230		21.0	108.5	<0.002	0.13	2.84	11.2	1	2.1	325	0.64	<0.05	10.7	0.269	1.44	3.7
M355231		16.1	75.7	<0.002	0.01	1.17	10.0	<1	1.7	415	0.76	<0.05	11.2	0.278	1.01	4.6
M355232		31.2	101.5	<0.002	0.26	2.39	11.5	2	2.1	304	0.77	0.07	13.4	0.277	1.35	4.5
M355233		15.9	112.5	<0.002	0.43	4.35	11.0	2	3.7	245	0.77	0.13	11.5	0.280	1.93	6.1
M355234		20.6	117.0	<0.002	0.07	4.72	10.1	1	1.8	235	0.75	<0.05	13.2	0.259	1.93	4.6
M355235		21.1	97.6	<0.002	0.12	1.86	10.8	1	1.8	371	0.73	<0.05	12.0	0.284	1.21	4.4
M355236		17.3	93.3	<0.002	0.01	0.91	11.1	1	1.8	415	0.71	<0.05	12.6	0.284	1.07	4.5
M355237		15.5	93.2	<0.002	0.01	0.74	11.1	1	1.8	435	0.73	<0.05	12.4	0.293	1.07	4.9
M355238		15.5	91.3	0.002	0.01	1.09	10.6	1	1.8	407	0.73	<0.05	11.3	0.277	1.13	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12193367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M355204		54	4.7	14.0	113	114.5	2		
M355205		65	7.0	9.1	>10000	46.6	118	2.12	3.02
M355206		3	0.1	1.1	55	1.0	<1		
M355207		56	2.7	12.8	325	30.6	<1		
M355208		70	3.4	14.2	2940	40.0	6		
M355209		78	12.2	14.9	533	39.6	<1		
M355210		79	3.0	14.9	669	41.2	1		
M355211		68	4.5	14.1	1510	37.2	9		
M355212		3	0.1	0.8	17	<0.5	<1		
M355213		70	4.8	15.0	3340	38.2	5		
M355214		76	3.3	15.9	1340	43.0	1		
M355215		73	3.7	14.4	3010	35.0	8		
M355216		74	0.8	16.2	51	40.9	<1		
M355217		79	0.9	17.3	54	43.6	<1		
M355218		74	1.1	16.9	52	43.9	<1		
M355219		72	1.3	15.0	709	41.1	1		
M355220		86	1.5	16.8	83	41.5	<1		
M355221		88	1.5	17.6	89	38.1	<1		
M355222		78	1.1	17.1	48	40.4	<1		
M355223		76	1.2	16.4	46	37.1	<1		
M355224		57	4.9	11.5	2970	39.3	9		
M355225		74	1.3	15.9	45	35.9	<1		
M355226		76	2.5	15.8	145	36.3	<1		
M355227		58	5.1	11.6	2980	39.9	9		
M355228		85	1.1	18.0	58	39.1	<1		
M355229		86	1.1	17.2	48	37.5	<1		
M355230		75	1.4	16.2	62	40.7	<1		
M355231		79	0.8	15.8	45	37.8	<1		
M355232		76	1.9	16.8	111	39.2	<1		
M355233		94	3.3	17.1	65	35.4	<1		
M355234		72	1.9	15.8	59	37.2	1		
M355235		81	1.0	16.9	48	38.2	<1		
M355236		80	0.7	17.9	53	41.9	1		
M355237		83	0.7	17.2	47	42.2	1		
M355238		78	1.4	16.8	47	38.3	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 99

CERTIFICATE OF ANALYSIS WH12193367

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193368

Project: Klaza - 104

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

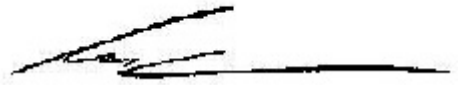
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193368

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813244		1.52	<0.005	0.37	7.77	12.6	2130	1.46	0.64	1.59	0.68	48.0	8.5	8	12.05	22.0
N813245		3.34	<0.005	0.42	7.58	35.4	1230	1.65	1.01	0.33	1.48	49.8	8.2	6	16.20	51.1
N813246		4.36	<0.005	0.39	7.38	15.1	2150	1.81	0.75	0.84	0.58	56.3	6.5	6	11.90	33.6
N813247		0.26	2.35	24.5	5.71	2930	970	1.19	20.5	2.19	75.1	40.9	9.9	18	13.45	434
N813248		1.84	<0.005	0.47	7.63	20.7	1850	1.52	0.86	0.54	0.71	51.0	4.5	6	13.00	22.4
N813249		1.41	<0.005	0.48	7.95	28.4	2110	2.19	0.87	0.26	1.09	55.3	6.0	5	33.2	12.9
N813250		2.93	<0.005	0.03	0.08	<5	30	0.08	0.05	20.6	0.10	1.33	0.6	<1	0.21	1.7
N811820		1.29	<0.005	0.15	8.09	36.2	2080	1.66	0.53	0.38	0.90	53.6	3.9	5	12.45	20.9
N811821		1.96	<0.005	0.26	8.16	36.3	1850	1.60	0.51	0.23	0.91	56.9	3.8	5	13.30	23.5
N811822		1.55	<0.005	0.27	7.81	8.9	2530	1.77	0.66	1.36	2.84	51.2	3.9	6	10.00	18.7
N811823		2.13	<0.005	0.14	7.59	9.6	2280	1.93	0.56	0.94	0.54	54.2	3.8	7	10.55	10.1
N811824		2.80	<0.005	0.12	7.09	7.3	2150	1.70	0.47	1.22	0.24	46.4	3.7	7	7.79	7.4
N811825		1.33	<0.005	0.13	7.51	7.8	2310	2.02	0.48	1.43	0.38	55.9	4.1	7	8.33	8.0
N811826		4.08	<0.005	0.12	7.63	8.9	2060	1.83	0.52	1.06	0.30	55.3	3.6	7	12.20	7.2
N811827		3.30	<0.005	0.23	7.69	4.3	2460	1.73	0.87	1.54	0.17	51.0	4.5	9	8.87	24.6
N811828		1.47	<0.005	1.27	7.81	10.6	2100	1.62	0.48	1.43	0.21	48.4	4.0	6	16.30	64.8
N811829		1.93	0.008	4.11	6.42	37.2	2150	1.55	0.56	2.08	0.49	37.1	4.8	5	16.50	46.4
N811830		3.70	<0.005	0.19	7.53	4.3	2510	1.93	0.44	1.50	0.13	56.7	3.0	6	9.41	21.1
N811831		<0.02	<0.005	0.20	7.52	3.5	2500	1.84	0.46	1.49	0.13	53.5	3.1	6	9.45	20.1
N811832		1.88	<0.005	0.19	7.49	5.6	2290	1.89	0.49	1.53	0.17	53.0	3.3	8	10.65	31.6
N811833		1.10	0.011	0.21	7.46	19.6	1930	1.75	0.38	0.89	0.51	53.7	3.4	7	14.40	9.2
N811834		1.68	<0.005	0.19	7.33	6.6	2030	1.59	0.50	1.48	0.31	51.1	3.8	9	12.20	12.7
N811835		3.37	0.010	0.33	6.89	13.1	2060	1.91	0.57	2.21	0.30	50.0	3.8	7	9.55	75.6
N811836		3.71	<0.005	0.23	7.16	5.1	2230	1.73	0.34	1.74	0.15	49.7	4.1	7	9.63	51.5
N811837		2.80	<0.005	0.17	7.14	4.9	2080	1.74	0.33	1.90	0.16	49.7	4.1	8	9.86	33.1
N811838		1.46	<0.005	0.28	7.18	10.6	1920	1.69	0.48	1.64	0.20	49.8	5.9	7	13.60	47.2
N811839		2.23	<0.005	0.25	7.16	8.2	2010	1.81	0.58	2.11	0.20	46.0	5.9	9	11.25	74.5
N811840		1.26	<0.005	0.25	6.57	19.9	1290	1.36	0.69	2.41	0.27	40.2	4.4	6	15.65	38.0
N811841		2.70	<0.005	0.27	7.11	6.4	2030	1.51	0.86	2.37	0.15	45.0	6.3	8	10.45	52.8
N811842		0.26	2.26	26.8	5.88	2980	1560	1.40	21.6	2.28	79.7	42.1	10.7	18	14.45	445
N811843		3.44	0.017	1.11	7.38	62.6	1840	1.60	1.01	2.58	0.58	45.6	9.9	10	11.00	389
N811844		2.85	0.625	1.97	6.85	769	1260	1.44	0.89	2.41	10.55	42.8	7.9	7	17.65	144.5
N811845		1.71	<0.005	0.02	0.12	<5	30	0.09	0.02	21.5	0.09	1.46	1.1	<1	0.37	4.7
N811846		2.35	0.012	0.61	7.05	20.5	2020	1.58	0.54	2.81	0.34	45.1	7.6	9	11.95	231
N811847		2.08	0.009	0.43	6.83	18.7	1860	1.38	0.68	2.81	0.29	40.9	9.3	10	15.55	275
N811848		2.61	0.005	0.26	7.59	14.1	2150	1.45	0.57	3.11	0.21	46.5	10.9	10	16.60	210

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813244		2.52	15.35	0.10	1.7	0.041	2.58	23.5	17.7	0.64	431	1.42	2.31	8.2	3.6	640
N813245		1.88	15.20	0.06	2.0	0.034	2.50	26.7	35.3	0.20	574	6.19	0.42	8.9	2.7	550
N813246		1.75	14.90	0.07	2.0	0.033	2.86	29.3	16.7	0.35	358	1.95	2.28	8.8	2.7	570
N813247		6.46	12.90	0.07	1.0	1.535	2.57	20.5	20.9	0.90	1870	12.20	0.05	5.6	14.5	440
N813248		1.70	15.05	0.06	2.1	0.026	2.56	24.1	22.1	0.31	233	1.58	2.28	8.9	2.6	580
N813249		1.64	16.80	0.07	2.3	0.019	2.41	34.0	59.8	0.18	340	5.79	0.40	10.0	2.4	610
N813250		0.45	0.22	0.09	<0.1	0.005	0.03	0.6	1.1	12.95	199	0.28	0.01	0.2	1.6	170
N811820		1.76	15.05	0.11	2.2	0.015	2.67	31.8	129.5	0.17	265	5.07	0.10	9.3	1.9	630
N811821		1.88	15.20	0.10	2.5	0.023	2.96	32.0	82.2	0.10	299	5.18	0.19	9.3	1.9	630
N811822		2.11	15.15	0.08	2.0	0.015	3.15	26.6	14.2	0.44	750	2.42	2.60	8.6	3.0	600
N811823		2.05	15.40	0.07	2.1	0.026	3.12	27.5	19.1	0.44	354	0.91	2.51	9.0	2.3	570
N811824		2.15	14.70	0.10	2.0	0.034	2.82	25.3	13.4	0.47	337	0.59	2.66	8.8	2.5	550
N811825		2.21	15.50	0.08	2.1	0.025	3.00	29.0	14.7	0.53	363	0.60	2.82	9.3	2.6	570
N811826		2.09	15.95	0.08	2.0	0.027	2.98	29.3	19.0	0.41	292	0.82	2.40	9.6	2.6	600
N811827		2.16	15.70	0.09	2.0	0.032	3.11	27.9	14.2	0.51	287	0.82	2.75	8.7	2.5	620
N811828		1.96	15.75	0.11	2.0	0.039	2.92	26.7	69.7	0.20	254	3.44	1.38	9.7	2.2	580
N811829		1.94	14.15	0.06	1.9	0.025	2.53	19.3	70.6	0.32	676	4.58	0.14	9.3	2.3	510
N811830		1.87	14.75	0.08	2.1	0.029	3.17	30.9	13.3	0.47	281	1.33	2.71	9.1	2.2	560
N811831		1.84	14.90	0.09	2.1	0.023	3.18	29.7	13.1	0.48	282	1.18	2.72	9.3	2.2	570
N811832		1.98	14.70	0.09	2.1	0.024	3.11	28.1	15.2	0.34	347	3.41	2.40	8.7	2.4	570
N811833		2.07	15.30	0.09	2.0	0.073	3.27	33.5	20.1	0.30	1380	4.18	1.42	9.1	2.4	540
N811834		2.14	15.00	0.10	2.0	0.037	3.19	26.4	14.8	0.37	625	2.33	2.03	8.4	2.7	510
N811835		2.01	15.10	0.09	2.0	0.048	3.12	25.4	13.2	0.43	681	1.37	2.21	8.9	2.5	520
N811836		2.07	14.85	0.09	2.1	0.033	3.04	26.9	12.1	0.45	369	1.23	2.41	8.9	2.5	540
N811837		2.11	14.70	0.06	1.9	0.034	3.05	25.7	13.9	0.49	379	0.87	2.39	8.7	2.4	520
N811838		2.31	15.00	0.07	2.1	0.033	3.26	26.3	30.9	0.35	617	3.65	1.52	8.7	2.7	510
N811839		2.55	15.45	0.08	2.1	0.045	3.27	24.4	20.4	0.60	523	4.75	2.04	8.2	2.6	510
N811840		2.21	13.60	0.06	1.9	0.044	1.95	20.6	92.9	0.69	620	6.69	0.12	7.6	2.1	480
N811841		2.71	15.20	0.10	2.0	0.050	2.97	23.2	17.7	0.67	417	11.60	2.21	8.1	2.5	540
N811842		6.69	13.70	0.07	1.0	1.635	2.65	22.5	23.2	0.93	1930	12.80	0.05	5.9	15.7	450
N811843		3.22	15.85	0.08	1.9	0.081	3.16	23.0	15.2	0.74	920	16.35	1.72	8.1	2.8	570
N811844		2.77	14.55	0.08	1.8	0.171	3.41	21.9	16.6	0.62	2940	14.10	0.60	7.7	2.4	540
N811845		0.51	0.43	0.06	<0.1	0.007	0.07	0.7	1.8	13.30	224	0.13	0.01	0.5	3.6	180
N811846		2.90	17.15	0.13	1.9	0.064	2.86	23.5	12.4	0.79	717	5.53	2.01	9.0	2.8	580
N811847		3.11	17.90	0.14	1.8	0.051	2.51	20.5	17.8	0.74	532	8.40	1.56	9.1	3.4	630
N811848		3.88	19.55	0.17	1.8	0.062	2.75	23.5	15.8	0.91	524	6.23	2.30	9.9	4.1	820

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813244		18.3	95.2	<0.002	<0.01	3.82	9.4	<1	2.7	316	0.69	<0.05	13.2	0.243	0.99	2.3
N813245		16.0	118.0	0.003	0.01	15.20	5.8	2	2.8	80.6	0.73	<0.05	18.0	0.180	1.59	3.4
N813246		20.1	116.5	<0.002	<0.01	3.42	5.0	<1	2.2	279	0.70	<0.05	17.3	0.175	1.45	2.9
N813247		2860	145.5	<0.002	4.64	75.1	7.5	1	7.1	86.9	0.46	0.33	10.0	0.177	2.43	5.2
N813248		24.9	97.5	<0.002	0.01	6.25	5.0	<1	2.5	193.5	0.73	<0.05	17.5	0.178	1.14	2.5
N813249		19.1	113.0	0.002	0.03	8.56	6.1	1	2.4	99.6	0.83	<0.05	19.0	0.187	1.51	3.9
N813250		2.3	1.3	<0.002	<0.01	<0.05	0.2	<1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	0.02	0.6
N811820		23.3	103.5	0.002	0.02	9.85	5.5	1	2.1	148.0	0.74	<0.05	18.7	0.190	1.13	3.2
N811821		27.4	116.0	<0.002	0.01	7.97	5.6	1	2.1	129.5	0.76	<0.05	18.9	0.188	1.34	3.4
N811822		21.0	116.0	<0.002	0.01	1.04	5.3	<1	2.0	391	0.69	0.07	14.9	0.189	1.08	2.5
N811823		22.5	115.5	<0.002	<0.01	1.40	5.6	2	2.2	308	0.75	<0.05	16.5	0.188	0.99	2.8
N811824		22.3	89.8	<0.002	<0.01	1.18	5.6	1	2.3	340	0.75	<0.05	15.5	0.181	0.91	2.8
N811825		26.8	101.5	<0.002	0.03	1.21	6.3	1	2.3	379	0.76	<0.05	17.3	0.190	0.99	3.2
N811826		22.5	110.0	<0.002	<0.01	3.37	6.5	2	1.9	292	0.77	<0.05	17.6	0.201	1.09	2.8
N811827		21.7	104.5	0.002	<0.01	1.06	5.9	<1	2.3	398	0.66	0.05	15.4	0.199	0.92	2.7
N811828		22.6	111.0	<0.002	0.01	5.58	6.0	1	2.5	228	0.78	<0.05	17.2	0.197	1.12	2.6
N811829		25.2	94.7	0.002	0.16	28.3	4.6	1	2.2	112.0	0.70	<0.05	12.3	0.161	1.75	4.2
N811830		22.2	113.0	<0.002	<0.01	0.77	4.4	1	1.9	413	0.76	<0.05	17.5	0.170	1.01	3.9
N811831		21.9	111.0	<0.002	<0.01	0.78	4.6	1	2.0	411	0.78	<0.05	17.3	0.171	0.97	3.7
N811832		21.5	112.0	0.002	<0.01	1.62	4.6	<1	2.1	364	0.72	<0.05	16.6	0.170	1.00	3.5
N811833		20.1	148.0	<0.002	0.02	4.04	6.4	1	2.1	204	0.80	<0.05	18.5	0.183	1.86	3.5
N811834		20.7	134.0	<0.002	0.01	2.47	6.9	<1	2.1	270	0.73	<0.05	17.7	0.195	1.41	3.4
N811835		31.1	116.0	<0.002	0.05	2.70	6.0	<1	2.2	335	0.71	<0.05	17.0	0.182	1.08	4.0
N811836		19.8	124.5	<0.002	0.03	2.06	5.5	<1	1.8	369	0.71	<0.05	16.6	0.174	1.00	3.2
N811837		20.4	117.0	<0.002	0.02	1.10	7.0	<1	1.9	340	0.71	<0.05	17.5	0.197	1.00	3.2
N811838		20.1	136.5	<0.002	0.08	5.30	7.4	1	1.8	235	0.72	<0.05	18.3	0.199	1.27	3.7
N811839		21.4	128.0	<0.002	0.01	2.57	9.6	<1	2.3	304	0.77	<0.05	18.3	0.238	1.09	3.4
N811840		14.2	67.0	<0.002	0.11	18.55	8.9	1	2.7	141.0	0.75	<0.05	15.9	0.216	1.27	3.9
N811841		20.4	104.5	<0.002	0.02	2.33	9.2	1	3.2	338	0.76	0.05	15.4	0.236	1.01	3.6
N811842		2980	158.5	<0.002	4.80	75.1	8.0	2	7.7	93.8	0.45	0.31	10.7	0.182	2.55	5.4
N811843		43.9	125.0	0.005	0.61	3.94	9.5	2	3.1	304	0.72	0.06	14.8	0.244	1.55	9.4
N811844		439	157.5	<0.002	0.73	12.65	9.1	1	4.3	144.5	0.66	<0.05	15.0	0.249	2.73	5.0
N811845		4.9	3.8	<0.002	<0.01	0.10	0.6	1	<0.2	41.2	<0.05	<0.05	<0.2	0.006	0.02	0.5
N811846		31.4	120.5	0.002	0.21	3.92	11.4	2	3.3	336	0.79	<0.05	15.8	0.272	1.38	4.0
N811847		23.7	105.0	<0.002	0.31	3.82	13.2	2	3.6	292	0.71	<0.05	12.0	0.293	1.43	2.9
N811848		21.2	123.5	<0.002	0.30	1.78	14.5	2	3.0	447	0.75	<0.05	12.5	0.339	1.35	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193368

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813244		65	1.4	14.1	87	45.2	<1
N813245		43	3.4	13.5	115	62.3	<1
N813246		37	2.2	11.1	68	60.6	<1
N813247		54	5.0	9.1	5280	23.9	25
N813248		37	6.1	10.1	84	61.8	<1
N813249		42	3.4	14.8	110	74.8	<1
N813250		2	0.1	0.8	17	2.0	<1
N811820		38	2.9	14.1	98	67.3	<1
N811821		41	2.8	14.0	98	68.7	<1
N811822		43	1.9	10.8	89	56.5	<1
N811823		43	1.9	10.9	65	58.4	<1
N811824		41	2.3	11.8	48	59.3	<1
N811825		43	2.0	13.7	56	61.0	<1
N811826		46	2.2	14.4	41	60.8	<1
N811827		46	1.5	12.4	39	57.9	<1
N811828		46	2.0	13.9	33	56.5	5
N811829		37	3.7	12.0	58	57.8	3
N811830		35	1.4	13.0	30	64.1	<1
N811831		36	1.5	13.3	30	60.9	<1
N811832		36	1.6	13.3	33	64.1	<1
N811833		43	2.3	16.1	50	58.3	<1
N811834		47	2.8	13.0	44	58.1	<1
N811835		42	2.2	13.8	42	58.9	<1
N811836		39	2.3	13.6	30	62.0	<1
N811837		48	2.2	13.9	31	56.9	<1
N811838		50	3.3	14.3	36	65.0	<1
N811839		64	6.4	15.9	41	60.5	<1
N811840		58	5.0	13.5	53	55.5	<1
N811841		63	2.9	14.9	36	54.1	<1
N811842		55	5.3	9.9	5430	25.5	25
N811843		67	13.5	14.5	66	53.8	1
N811844		66	3.7	12.5	1180	54.1	2
N811845		5	0.2	1.0	16	0.5	<1
N811846		74	2.0	15.6	45	57.3	<1
N811847		88	5.2	16.8	43	53.4	<1
N811848		105	5.2	18.8	41	53.0	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 104

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193368

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193369

Project: Klaza - 104

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

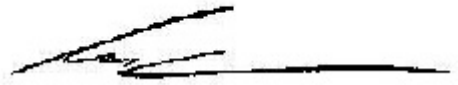
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193369

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811849		1.76	<0.005	0.45	6.68	6.4	2030	1.56	0.56	2.56	0.32	39.0	7.9	10	15.25	173.0
N811850		0.30	4.27	>100	5.24	8050	370	1.08	58.6	1.98	229	31.5	9.4	18	11.55	1270
N811851		2.51	0.005	0.22	6.57	10.0	2110	1.41	0.97	2.83	0.14	34.1	7.1	9	13.35	25.0
N811852		3.96	0.006	0.52	6.50	37.8	2700	1.38	0.87	4.03	0.19	36.0	8.1	10	24.0	18.0
N811853		3.68	<0.005	0.01	0.09	<5	40	0.06	0.02	21.3	0.06	1.56	1.1	<1	0.23	2.2
N811854		1.87	<0.005	0.14	6.78	6.8	720	1.19	0.36	3.26	0.09	33.4	9.3	13	13.70	9.5
N811855		3.59	<0.005	0.14	6.88	4.9	640	1.52	0.43	3.33	0.11	42.0	8.6	10	14.85	10.7
N811856		2.46	0.011	1.05	6.73	164.5	550	1.44	1.25	3.24	0.85	38.3	10.5	12	20.3	29.0
N811857		2.94	<0.005	0.17	6.87	3.7	1250	1.25	0.53	3.43	0.14	37.4	9.3	13	12.00	12.5
N811858		2.41	<0.005	0.53	6.99	2.4	1410	1.32	3.48	3.70	0.13	38.6	8.4	14	12.35	12.8
N811859		2.51	<0.005	0.14	6.91	3.6	1010	1.22	0.18	4.21	0.12	43.1	9.4	10	11.05	32.4
N811860		2.04	<0.005	0.16	7.22	3.2	980	1.38	0.10	3.70	0.11	38.3	10.4	14	9.75	24.5
N811861		2.40	0.005	0.16	6.49	26.3	730	1.24	0.17	4.78	0.31	36.2	8.2	9	11.95	11.0
N811862		1.38	<0.005	0.91	6.90	3.5	790	1.21	0.10	2.65	0.10	36.4	9.3	16	9.80	20.0
N811863		2.19	<0.005	1.17	6.92	7.2	720	1.55	0.50	2.82	0.13	36.7	9.0	14	9.45	47.5
N811864		3.13	<0.005	2.23	6.79	13.4	720	1.65	0.86	3.57	0.88	33.8	9.9	13	22.1	19.3
N811865		1.12	<0.005	0.55	7.70	11.9	820	1.73	0.84	3.36	0.29	52.2	11.2	7	23.0	29.8
N811866		1.72	<0.005	0.13	6.72	11.4	1510	2.32	0.05	2.64	0.19	53.2	4.6	6	28.2	2.0
N811867		1.97	<0.005	0.07	6.68	10.5	1250	1.86	0.09	2.65	0.19	53.0	4.6	5	23.6	3.9
N811868		2.25	<0.005	0.33	6.93	6.5	1410	1.92	1.08	3.42	0.24	36.8	7.8	13	39.7	5.9
N811869		2.39	<0.005	0.09	6.34	4.5	1670	1.53	0.25	3.02	0.13	29.5	7.3	10	14.30	34.7
N811870		1.64	<0.005	0.27	6.96	21.3	1580	1.45	1.03	2.69	0.72	41.8	7.1	13	24.9	13.7
N811871		1.91	<0.005	0.23	6.53	9.0	1090	1.50	0.16	3.13	0.59	31.6	7.4	11	13.10	7.0
N811872		4.44	<0.005	0.15	7.55	3.1	1240	1.50	0.29	3.07	0.12	43.1	8.7	16	8.88	14.5
N811873		0.29	0.811	9.26	6.20	1705	830	1.38	5.93	1.82	39.9	43.4	16.1	20	15.60	105.0
N811874		4.15	<0.005	0.21	7.42	2.7	1210	1.45	0.28	3.53	0.14	37.6	10.0	16	11.55	57.6
N811875		2.14	<0.005	0.61	6.90	2.8	1050	1.41	3.12	3.19	0.17	29.0	8.1	17	13.70	54.3
N811876		3.16	<0.005	0.01	0.07	<5	20	0.08	0.02	20.7	0.06	1.18	1.1	<1	0.20	1.5
N811877		3.04	<0.005	0.21	7.00	2.1	1120	1.43	0.30	2.76	0.06	38.4	8.0	16	8.91	23.3
N811878		1.85	<0.005	0.18	7.38	3.2	1020	1.41	0.45	3.31	0.10	34.8	9.3	13	13.05	31.3
N811879		1.51	<0.005	0.13	7.13	2.3	920	1.35	0.80	2.74	0.07	39.0	7.4	15	9.44	11.1
N811880		4.61	<0.005	0.13	7.62	2.4	1250	1.36	0.25	2.66	0.06	41.7	9.2	16	10.55	24.5
N811881		<0.02	<0.005	0.10	7.43	1.7	1220	1.40	0.26	2.67	0.06	40.0	9.3	15	10.50	24.1
N811882		3.01	<0.005	0.31	6.85	12.8	770	1.26	0.57	3.17	0.11	36.0	7.5	12	12.35	58.6
N811883		3.38	<0.005	0.06	7.65	1.6	1380	1.39	0.09	2.64	0.05	39.8	8.3	12	9.55	18.9
N811884		3.39	<0.005	0.06	7.16	1.6	1290	1.29	0.09	2.59	0.06	38.1	8.1	19	9.03	17.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811849		2.98	16.40	0.16	1.5	0.061	2.81	18.4	16.9	0.67	586	5.01	1.55	8.0	2.8	640
N811850		8.03	12.75	0.23	1.2	4.95	2.29	15.7	30.3	0.63	3110	14.20	0.08	6.0	13.3	460
N811851		2.96	14.80	0.11	1.5	0.052	2.83	16.3	16.4	0.72	655	17.00	1.89	8.0	2.4	590
N811852		3.08	15.55	0.16	0.7	0.036	1.93	18.0	20.1	0.97	1040	3.17	1.76	7.5	4.6	570
N811853		0.49	0.34	0.10	<0.1	<0.005	0.03	0.8	1.0	13.20	201	0.21	0.01	0.3	1.6	190
N811854		3.41	15.10	0.13	0.5	0.036	1.91	16.2	22.2	1.07	912	0.74	1.24	7.0	5.3	550
N811855		3.13	15.75	0.11	0.5	0.035	1.76	20.9	21.5	0.90	763	0.41	1.64	6.7	5.2	550
N811856		3.32	16.35	0.15	0.5	0.060	2.59	18.8	18.6	1.02	1560	0.91	0.76	7.2	5.4	540
N811857		3.31	16.30	0.14	0.5	0.036	1.95	17.8	20.6	1.16	892	0.79	1.64	7.7	5.4	580
N811858		3.23	16.15	0.18	0.5	0.029	1.96	18.8	20.6	1.14	867	1.15	1.51	7.6	5.1	590
N811859		3.23	15.65	0.16	0.4	0.027	1.72	21.1	21.9	1.24	908	51.5	1.66	7.3	5.2	570
N811860		3.44	16.55	0.16	0.5	0.029	1.82	18.7	19.3	1.20	817	2.20	1.93	7.7	5.5	590
N811861		3.27	15.95	0.14	0.4	0.034	2.28	17.7	13.0	1.43	2110	1.18	1.10	6.6	4.6	510
N811862		3.34	15.65	0.14	0.6	0.034	1.89	17.0	21.6	1.12	796	2.06	1.61	8.6	5.8	670
N811863		3.07	15.60	0.17	0.5	0.029	1.89	17.9	15.4	0.84	760	2.48	2.11	8.8	5.0	580
N811864		3.43	16.15	0.16	0.6	0.043	2.17	16.4	32.6	1.32	1010	4.30	1.04	8.4	4.8	660
N811865		4.16	16.25	0.19	0.9	0.054	2.82	27.4	35.2	1.46	1080	2.55	0.12	7.3	3.6	970
N811866		2.49	19.05	0.18	1.7	0.034	2.57	25.6	88.3	0.82	733	1.17	0.08	9.3	2.5	790
N811867		2.52	18.80	0.18	1.6	0.035	2.75	25.4	62.3	0.86	697	1.44	0.07	9.1	2.3	790
N811868		3.13	16.15	0.18	0.6	0.079	2.56	17.8	31.2	1.21	1030	1.86	0.83	7.5	4.7	530
N811869		2.84	15.15	0.15	0.6	0.029	2.23	14.0	58.0	0.81	814	13.00	1.47	8.0	4.4	510
N811870		2.46	13.80	0.12	0.9	0.038	2.71	20.9	41.7	0.95	823	12.05	0.32	8.7	3.5	460
N811871		2.76	16.35	0.16	0.6	0.032	2.34	14.9	20.8	0.88	801	1.01	1.37	7.7	4.3	540
N811872		3.29	16.65	0.17	0.6	0.029	1.93	21.5	17.0	1.02	692	1.46	2.22	7.7	5.6	600
N811873		4.92	14.05	0.18	1.3	0.911	2.74	22.5	22.9	0.67	1920	11.05	0.26	7.7	14.2	480
N811874		3.47	17.10	0.16	0.5	0.038	1.92	18.3	22.7	1.23	768	29.5	1.70	8.1	5.7	600
N811875		3.09	16.05	0.15	0.5	0.040	1.75	13.4	18.3	1.12	734	1.50	1.45	8.1	5.0	560
N811876		0.51	0.30	0.12	<0.1	<0.005	0.02	0.6	0.9	12.75	224	0.15	0.01	0.3	1.4	170
N811877		2.82	15.85	0.15	0.7	0.035	2.11	18.8	16.0	0.89	644	1.75	2.02	8.6	4.3	490
N811878		2.80	17.30	0.17	0.8	0.036	2.12	17.6	17.5	0.95	790	2.07	1.97	8.9	4.1	480
N811879		2.36	16.10	0.18	0.9	0.030	2.33	20.9	15.6	0.89	704	1.39	2.02	9.4	3.4	430
N811880		2.80	16.80	0.18	0.9	0.029	2.31	22.2	18.7	0.82	592	25.8	2.12	8.5	3.7	460
N811881		2.79	17.15	0.20	0.9	0.028	2.27	21.1	18.9	0.86	595	27.1	2.08	8.8	3.8	460
N811882		2.33	15.65	0.17	0.9	0.026	2.70	19.2	19.0	0.97	1140	1.63	0.75	7.8	3.4	420
N811883		2.68	17.45	0.20	1.0	0.037	2.45	21.0	13.6	0.78	557	0.81	2.23	8.9	3.7	450
N811884		2.58	16.45	0.18	0.9	0.023	2.45	20.1	12.0	0.72	508	7.31	2.09	8.7	3.5	420

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811849		20.3	88.6	<0.002	0.09	3.66	9.7	1	2.3	282	0.71	<0.05	11.0	0.265	1.09	2.8
N811850		9750	136.0	<0.002	7.12	223	7.6	2	9.0	123.0	0.46	0.50	8.5	0.185	2.13	5.7
N811851		25.3	95.0	<0.002	0.07	3.13	9.7	1	2.6	365	0.64	<0.05	9.5	0.256	1.13	2.6
N811852		19.4	71.4	<0.002	0.36	6.42	10.8	1	1.6	315	0.63	0.06	9.1	0.285	1.36	3.3
N811853		1.4	1.4	<0.002	<0.01	0.06	0.3	1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N811854		13.3	56.5	<0.002	0.06	3.83	10.4	1	1.5	285	0.60	<0.05	8.0	0.293	0.95	2.1
N811855		12.2	57.1	<0.002	0.01	5.06	11.0	1	1.7	316	0.58	<0.05	8.7	0.288	0.83	2.5
N811856		21.8	120.5	<0.002	1.08	16.40	11.4	1	2.0	218	0.58	<0.05	8.5	0.288	2.36	4.8
N811857		13.0	54.5	<0.002	0.02	2.95	11.4	1	1.6	426	0.62	<0.05	7.9	0.304	0.84	2.2
N811858		15.7	58.4	<0.002	0.02	2.83	11.3	1	1.6	442	0.62	0.09	8.9	0.312	0.75	2.1
N811859		12.5	58.8	0.026	0.18	2.78	12.3	1	1.4	568	0.58	<0.05	9.4	0.299	0.59	2.5
N811860		12.3	62.2	<0.002	0.17	2.12	12.6	1	1.5	518	0.61	<0.05	9.5	0.309	0.62	2.5
N811861		11.3	94.5	<0.002	0.39	3.40	10.1	1	1.3	336	0.54	<0.05	7.8	0.270	1.23	2.5
N811862		10.8	52.2	<0.002	0.07	3.68	11.9	1	1.5	380	0.69	<0.05	8.4	0.336	0.70	2.1
N811863		9.7	73.6	<0.002	0.07	12.20	11.8	1	1.6	277	0.75	<0.05	8.9	0.312	0.83	2.1
N811864		31.8	84.5	<0.002	0.06	9.33	12.0	1	1.5	242	0.60	<0.05	9.6	0.318	1.36	2.5
N811865		16.6	132.0	<0.002	0.06	15.55	15.3	1	1.3	234	0.54	<0.05	12.0	0.381	1.89	2.9
N811866		22.0	81.2	<0.002	0.03	13.05	5.1	1	1.4	355	0.71	<0.05	9.0	0.282	1.52	3.4
N811867		24.5	82.2	<0.002	0.03	13.60	4.8	1	2.2	408	0.67	<0.05	8.5	0.280	1.65	3.2
N811868		16.5	109.5	<0.002	0.04	9.98	10.7	1	4.1	327	0.65	<0.05	8.6	0.292	1.87	2.9
N811869		13.6	73.4	0.008	0.04	6.54	9.5	1	1.6	349	0.73	<0.05	8.5	0.274	1.22	2.3
N811870		29.3	125.5	0.005	0.12	10.60	9.1	1	1.4	278	1.04	<0.05	12.3	0.259	1.78	6.9
N811871		26.8	82.4	<0.002	0.05	5.75	10.4	1	1.5	293	0.66	<0.05	7.8	0.291	1.36	2.0
N811872		13.5	65.8	<0.002	0.01	1.90	11.8	1	1.8	484	0.63	<0.05	11.2	0.307	0.68	2.5
N811873		1310	158.0	<0.002	2.99	34.0	8.5	1	6.0	144.5	0.61	0.29	11.7	0.202	2.39	5.2
N811874		12.9	61.2	0.007	0.11	1.68	11.9	1	2.1	723	0.63	<0.05	9.8	0.312	0.66	2.3
N811875		15.8	49.5	<0.002	0.05	2.82	11.6	1	2.1	643	0.64	0.05	8.8	0.301	0.66	2.2
N811876		1.2	1.2	<0.002	0.01	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N811877		14.6	74.0	<0.002	0.03	1.77	10.2	1	1.8	413	0.76	<0.05	12.5	0.265	0.74	3.1
N811878		13.9	85.7	<0.002	0.05	1.86	10.6	2	2.0	397	0.83	<0.05	10.6	0.263	0.83	3.2
N811879		9.9	116.0	<0.002	0.02	2.05	9.5	2	1.3	280	0.94	<0.05	12.9	0.247	1.08	3.4
N811880		13.9	83.9	0.009	0.04	1.65	9.8	2	1.4	385	0.80	<0.05	12.5	0.254	0.72	2.9
N811881		13.9	86.9	0.010	0.04	1.76	9.8	2	1.3	373	0.81	<0.05	12.4	0.251	0.74	3.1
N811882		10.1	121.5	<0.002	0.11	10.30	8.9	1	1.3	191.0	0.70	<0.05	11.0	0.237	1.42	3.5
N811883		12.7	86.3	<0.002	0.02	1.19	9.6	2	1.2	428	0.80	<0.05	12.2	0.254	0.66	3.3
N811884		12.5	86.0	0.003	0.03	1.02	8.7	1	1.2	388	0.77	<0.05	11.5	0.235	0.62	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811849		75	2.6	14.4	43	44.5	<1	
N811850		53	4.9	9.6	>10000	34.7	122	1.720
N811851		71	2.4	12.9	45	45.2	1	
N811852		85	3.6	13.5	75	17.9	1	
N811853		2	0.1	1.0	14	0.6	<1	
N811854		94	5.9	12.3	95	11.2	<1	
N811855		92	2.3	12.9	90	10.3	<1	
N811856		94	2.6	13.2	214	10.3	2	
N811857		97	2.8	14.3	89	11.6	<1	
N811858		97	5.6	14.7	75	11.7	<1	
N811859		95	3.9	16.9	59	9.2	<1	
N811860		100	2.6	14.5	57	11.2	<1	
N811861		91	2.3	13.8	66	9.6	<1	
N811862		119	5.0	12.2	63	11.1	2	
N811863		92	3.5	12.3	71	10.9	1	
N811864		105	4.4	12.7	131	16.4	2	
N811865		136	5.2	15.0	105	26.5	<1	
N811866		44	2.2	11.0	90	51.9	<1	
N811867		43	2.9	11.2	86	51.6	<1	
N811868		92	3.4	11.8	112	11.9	1	
N811869		82	3.5	10.5	65	12.4	<1	
N811870		77	4.0	11.8	98	18.9	1	
N811871		91	2.5	11.2	96	13.1	<1	
N811872		96	3.0	14.0	61	12.2	<1	
N811873		56	5.2	11.4	2850	39.4	10	
N811874		100	6.1	15.3	51	10.6	<1	
N811875		97	4.1	13.5	61	9.7	1	
N811876		3	0.1	0.9	15	0.5	<1	
N811877		80	2.3	13.3	61	17.5	<1	
N811878		81	2.8	14.3	64	18.7	1	
N811879		70	2.0	12.0	65	22.9	<1	
N811880		73	3.0	12.2	56	21.7	<1	
N811881		72	2.8	12.2	55	23.6	<1	
N811882		66	2.4	11.2	58	22.7	<1	
N811883		71	1.7	11.5	49	25.1	<1	
N811884		68	2.4	11.2	44	23.8	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 104

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193369

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193421

Project: Klaza - 109

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

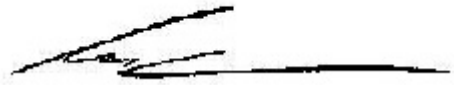
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193421

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811993		3.83	<0.005	0.08	6.85	7.9	2220	1.26	0.12	3.51	0.11	39.1	8.0	10	11.70	11.0
N811994		4.82	<0.005	0.10	7.03	9.0	2470	1.36	0.12	3.32	0.10	44.3	7.3	11	15.95	12.6
N811995		2.38	0.008	0.29	7.08	15.7	2000	1.44	1.76	2.82	0.12	41.0	10.9	10	14.95	10.4
N811996		4.08	0.005	0.15	6.51	10.6	2330	1.28	0.68	4.03	0.07	51.1	8.6	8	9.99	7.3
N811997		2.56	<0.005	0.07	7.08	6.9	1880	1.51	0.20	2.47	0.09	46.3	6.6	12	6.15	6.2
N811998		2.88	<0.005	0.07	7.40	6.1	2110	1.45	0.20	2.80	0.09	44.5	8.2	11	8.06	11.1
N811999		0.26	2.38	25.5	5.75	3350	1540	1.23	19.40	2.17	78.4	47.3	10.1	17	15.05	438
N812000		3.57	<0.005	0.24	7.37	12.1	1860	1.17	0.16	2.05	0.09	45.7	12.1	9	8.13	29.0
N813251		2.62	<0.005	0.10	6.58	5.3	2030	1.09	0.10	5.08	0.13	42.8	7.1	6	7.83	10.0
N813252		2.92	<0.005	0.11	7.30	6.6	2050	1.27	0.13	2.51	0.09	41.3	8.9	10	8.32	23.8
N813253		3.90	<0.005	0.09	7.01	4.4	2120	1.12	0.13	2.28	0.09	39.8	7.8	10	10.85	17.7
N813254		2.17	0.007	0.36	6.86	26.8	3560	1.15	1.96	2.04	0.12	50.1	16.8	9	8.60	21.0
N813255		5.55	<0.005	0.08	7.13	5.0	2280	1.44	0.14	2.48	0.08	44.8	5.7	13	7.13	7.1
N813256		3.02	<0.005	0.04	0.07	<5	20	0.06	0.03	20.7	0.05	1.47	0.6	<1	0.15	1.9
N813257		3.39	<0.005	0.08	6.82	12.1	2270	1.23	0.27	2.46	0.10	41.3	7.3	10	8.18	9.0
N813258		3.03	<0.005	0.07	7.02	3.9	1970	1.42	0.16	2.66	0.10	46.3	5.8	11	9.54	10.1
N813259		0.26	2.30	25.1	5.68	3350	1290	1.12	19.60	2.15	75.8	46.3	9.8	18	14.40	435
N813260		2.46	0.005	0.66	6.27	29.3	2930	1.30	0.19	4.28	0.71	46.6	6.9	7	16.70	13.0
N813261		3.84	<0.005	0.07	6.60	5.7	1990	1.23	0.12	2.79	0.11	39.6	6.1	11	14.25	8.3
N813262		5.03	<0.005	0.12	6.11	13.4	1840	1.38	0.19	2.76	0.11	36.5	6.7	9	18.15	19.1
N813263		3.50	<0.005	0.09	6.82	6.5	2100	1.32	0.17	2.39	0.08	45.9	5.9	9	15.10	9.1
N813264		7.63	<0.005	0.12	6.53	12.6	2060	1.36	0.19	2.93	0.12	37.8	6.8	12	22.6	21.8
N813265		5.90	0.005	0.92	6.16	28.2	3510	1.26	1.51	3.04	0.74	40.3	4.9	7	19.25	41.8
N813266		3.18	<0.005	0.07	0.07	<5	30	<0.05	0.04	20.3	0.06	1.25	0.6	<1	0.20	1.1
N813267		5.48	<0.005	0.22	6.37	13.0	6360	1.29	0.95	2.27	0.14	36.7	5.9	10	15.20	7.6
N813268		5.48	<0.005	0.14	6.55	6.7	2180	1.14	0.67	2.58	0.10	35.1	4.9	9	9.82	4.5
N813269		3.11	<0.005	0.11	7.82	5.7	2320	1.36	0.25	1.88	0.10	42.2	7.3	9	10.25	9.0
N813270		6.76	0.015	0.14	6.96	10.3	2320	1.37	0.48	2.47	0.11	41.0	12.9	11	7.24	56.5
N813271		3.44	0.008	0.10	6.28	8.9	1500	1.06	0.89	2.71	0.09	37.0	21.8	11	4.40	3.2
N813272		1.54	0.014	0.15	6.54	12.6	1750	1.25	0.99	2.56	0.12	40.9	31.4	10	4.66	3.7
N813273		4.49	<0.005	0.17	7.26	7.6	2540	1.43	0.63	2.67	0.21	52.1	11.0	11	7.31	3.5
N813274		<0.02	<0.005	0.16	7.43	7.8	2610	1.48	0.65	2.69	0.22	48.5	11.1	12	7.29	5.0
N813275		2.13	<0.005	0.52	7.02	7.7	2700	1.35	1.39	2.51	0.21	45.9	8.8	10	9.98	3.1
N813276		6.37	<0.005	0.14	7.14	12.2	2890	1.49	0.64	2.24	0.20	49.0	9.2	10	16.60	8.0
N813277		6.78	0.005	0.13	7.52	7.4	2420	1.49	0.40	2.93	0.27	44.9	9.0	12	9.04	13.8
N813278		2.33	<0.005	0.15	7.24	7.9	2760	1.18	0.72	1.72	0.14	46.7	9.6	9	9.47	58.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811993		2.92	15.05	0.06	1.1	0.039	2.45	18.1	17.6	0.78	628	1.13	1.84	7.1	2.7	610
N811994		2.96	15.90	0.07	1.1	0.049	2.50	22.3	22.9	0.87	720	2.14	1.12	7.5	3.0	610
N811995		3.42	16.00	0.09	1.1	0.062	2.77	19.6	19.2	0.87	938	29.9	1.41	7.9	2.9	640
N811996		3.02	14.85	0.08	1.0	0.065	2.50	27.7	25.6	0.88	777	3.35	0.96	7.2	2.6	550
N811997		2.72	14.85	0.09	1.5	0.039	2.94	23.1	14.4	0.74	531	4.01	2.25	8.0	2.4	540
N811998		3.13	16.65	0.09	1.2	0.054	2.67	21.1	17.9	0.81	567	3.01	2.13	8.1	2.9	650
N811999		6.25	14.25	0.08	1.1	1.740	2.57	27.2	25.5	0.88	1880	13.35	0.04	6.0	15.1	440
N812000		3.09	17.20	0.08	1.3	0.055	2.60	22.2	29.7	0.79	520	5.21	0.98	8.4	3.4	650
N813251		2.91	13.70	0.09	1.1	0.050	2.32	23.0	26.4	0.93	810	2.19	0.54	6.5	2.3	530
N813252		3.05	15.35	0.10	1.3	0.039	2.73	20.7	17.8	0.76	574	1.38	1.83	7.7	2.7	630
N813253		2.90	15.50	0.09	1.2	0.042	2.64	20.0	25.8	0.71	572	4.09	1.14	7.6	2.5	620
N813254		3.07	15.70	0.11	1.1	0.090	2.83	25.1	21.8	0.84	698	2.00	0.99	7.4	2.8	550
N813255		3.12	15.90	0.09	1.2	0.064	2.87	21.3	17.5	0.84	581	3.78	1.95	8.0	2.6	610
N813256		0.46	0.25	0.11	<0.1	<0.005	0.02	0.8	1.3	12.55	196	0.25	0.01	0.2	1.6	190
N813257		3.09	14.50	0.11	1.1	0.078	2.88	22.0	13.8	0.84	616	9.57	1.77	7.1	2.5	580
N813258		3.00	15.80	0.11	1.2	0.048	2.68	23.0	12.3	0.75	525	3.42	2.19	7.5	2.7	640
N813259		6.24	13.35	0.08	1.0	1.665	2.55	25.8	24.3	0.88	1880	12.45	0.04	5.5	14.0	450
N813260		2.79	14.65	0.08	1.2	0.062	2.50	22.8	38.0	1.14	1440	2.16	0.11	7.0	2.5	550
N813261		2.79	15.10	0.08	1.2	0.053	2.61	18.2	24.4	0.78	622	1.82	1.43	7.3	2.4	610
N813262		2.73	14.60	0.07	1.6	0.066	2.56	17.3	29.9	0.75	612	2.42	1.22	7.0	2.3	550
N813263		2.80	15.65	0.08	1.8	0.041	2.68	22.1	20.0	0.69	497	2.07	2.00	8.0	2.5	600
N813264		2.87	15.75	0.07	1.3	0.054	2.66	17.0	43.9	0.71	613	4.06	1.53	8.0	2.8	640
N813265		2.90	13.70	0.08	1.0	0.109	2.44	19.7	44.2	0.99	1780	2.05	0.06	7.0	2.4	540
N813266		0.48	0.21	0.12	<0.1	0.007	0.03	0.6	1.3	12.25	212	0.10	0.01	0.1	1.8	170
N813267		2.43	14.05	0.10	1.0	0.125	1.66	17.8	50.8	0.68	705	0.55	1.45	7.1	2.4	580
N813268		2.87	14.60	0.08	1.1	0.125	2.20	16.1	23.3	0.66	726	0.69	1.93	7.6	2.4	610
N813269		3.35	16.40	0.14	1.2	0.051	2.74	22.0	25.2	0.85	471	1.00	1.30	7.9	3.1	660
N813270		3.46	14.90	0.14	1.0	0.072	2.36	20.7	13.0	0.88	634	0.58	2.29	6.8	3.1	590
N813271		3.80	14.20	0.12	0.9	0.200	1.25	20.8	12.5	0.84	807	0.26	2.78	6.3	2.8	520
N813272		3.91	15.05	0.15	0.9	0.203	1.41	22.5	13.0	0.89	844	0.26	2.81	6.6	3.0	540
N813273		3.69	16.10	0.15	1.1	0.107	2.61	27.9	11.7	0.92	738	0.47	2.33	7.6	3.4	640
N813274		3.79	16.50	0.16	1.2	0.110	2.65	25.6	11.8	0.94	749	0.58	2.40	7.7	3.4	660
N813275		3.60	15.40	0.14	1.1	0.096	2.73	23.8	10.2	0.84	686	0.71	2.10	7.4	2.9	660
N813276		3.51	15.80	0.14	1.2	0.104	2.93	25.8	17.5	0.73	672	1.39	1.53	7.4	2.9	640
N813277		3.52	16.70	0.15	1.1	0.065	2.89	23.0	13.0	0.87	652	0.92	2.22	7.5	3.1	650
N813278		3.82	15.40	0.15	1.1	0.116	2.75	25.7	25.5	0.91	599	1.07	0.91	7.4	3.1	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811993		17.6	80.8	<0.002	0.12	1.65	9.9	1	1.5	415	0.55	<0.05	8.8	0.279	0.96	3.2
N811994		16.0	88.9	<0.002	0.11	3.23	10.8	1	1.7	353	0.60	<0.05	10.2	0.277	1.07	4.0
N811995		16.5	104.0	0.005	0.41	3.21	11.1	<1	1.5	337	0.64	<0.05	11.3	0.288	1.24	3.5
N811996		13.8	96.6	<0.002	0.22	5.56	9.9	1	1.4	314	0.59	<0.05	11.7	0.253	1.07	3.9
N811997		16.4	99.8	<0.002	0.11	1.45	9.2	1	1.4	352	0.91	<0.05	17.9	0.245	1.01	6.4
N811998		16.1	97.9	<0.002	0.10	1.63	11.3	1	1.6	397	0.66	<0.05	11.6	0.284	0.99	3.7
N811999		2880	175.0	0.002	4.75	92.4	8.3	1	8.0	92.3	0.47	0.41	11.1	0.181	2.40	5.5
N812000		16.5	93.2	<0.002	0.17	2.30	11.9	1	3.5	238	0.68	<0.05	12.6	0.289	1.06	4.4
N813251		16.2	81.3	<0.002	0.05	3.71	9.2	1	1.5	312	0.59	<0.05	11.5	0.235	0.92	3.9
N813252		15.7	92.1	<0.002	0.10	1.74	10.5	1	2.5	363	0.70	<0.05	12.7	0.282	0.98	3.8
N813253		15.7	88.8	0.002	0.02	3.25	10.3	1	2.5	305	0.68	<0.05	12.2	0.279	0.99	3.6
N813254		14.3	119.0	<0.002	0.47	5.77	10.3	1	1.5	205	0.65	0.15	12.2	0.250	1.56	4.1
N813255		15.6	101.5	<0.002	0.02	1.77	11.0	1	1.6	370	0.69	<0.05	12.7	0.283	1.20	4.0
N813256		1.4	1.3	<0.002	<0.01	0.07	0.2	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N813257		14.0	112.0	0.004	0.12	2.36	9.5	1	1.8	318	0.64	<0.05	13.1	0.254	1.31	3.6
N813258		16.0	99.4	<0.002	0.01	1.81	10.4	1	1.7	416	0.63	<0.05	12.9	0.271	1.11	3.3
N813259		2860	161.5	0.002	4.73	90.0	7.8	1	7.7	87.5	0.46	0.41	11.2	0.181	2.41	5.5
N813260		38.0	90.7	<0.002	0.25	9.52	9.6	2	2.0	215	0.61	<0.05	11.4	0.240	1.79	4.8
N813261		16.4	93.8	<0.002	0.02	3.23	9.5	1	1.6	325	0.63	<0.05	10.3	0.265	1.09	3.0
N813262		16.1	96.0	<0.002	0.07	4.83	8.9	1	1.6	292	0.62	<0.05	11.8	0.246	1.41	3.8
N813263		17.1	111.0	<0.002	0.02	2.30	10.0	1	1.5	391	0.74	<0.05	15.4	0.262	1.27	4.9
N813264		15.9	98.4	<0.002	0.06	6.30	9.7	1	1.5	349	0.69	<0.05	12.0	0.278	1.50	4.1
N813265		33.5	99.7	<0.002	0.22	25.7	9.4	1	1.7	184.0	0.56	<0.05	10.4	0.239	1.93	4.1
N813266		1.4	1.3	<0.002	0.02	0.14	0.2	<1	<0.2	48.9	<0.05	<0.05	0.8	<0.005	0.05	1.9
N813267		11.8	87.6	<0.002	0.27	13.05	10.0	1	3.3	214	0.57	0.12	8.8	0.251	1.26	3.0
N813268		15.4	85.3	<0.002	0.04	5.49	9.9	1	2.3	219	0.65	0.09	8.4	0.277	1.12	4.1
N813269		19.5	96.9	<0.002	0.02	3.65	11.3	1	1.5	295	0.66	<0.05	13.1	0.290	1.11	3.6
N813270		16.9	99.9	<0.002	0.13	2.68	10.6	1	2.5	332	0.54	<0.05	11.6	0.254	1.09	3.5
N813271		12.1	67.4	<0.002	0.21	2.48	9.3	2	3.1	233	0.48	<0.05	11.7	0.217	0.77	4.3
N813272		12.5	76.2	<0.002	0.32	2.55	10.2	1	3.3	231	0.51	0.09	11.5	0.231	0.84	5.0
N813273		27.5	104.5	<0.002	0.07	2.37	11.8	2	2.3	360	0.56	<0.05	13.4	0.283	1.18	3.8
N813274		27.0	104.5	<0.002	0.07	2.37	11.8	2	2.3	371	0.60	<0.05	12.4	0.283	1.20	3.6
N813275		28.2	99.7	<0.002	0.09	2.60	11.2	2	2.1	347	0.59	<0.05	11.6	0.274	1.17	3.6
N813276		21.7	115.0	<0.002	0.13	4.57	10.9	1	2.1	274	0.55	<0.05	12.6	0.274	1.48	3.2
N813277		19.8	106.5	<0.002	0.07	3.23	11.5	1	1.8	424	0.56	<0.05	11.9	0.285	1.23	3.5
N813278		22.7	116.0	<0.002	0.09	8.38	11.2	2	2.0	182.0	0.58	<0.05	12.9	0.269	1.45	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N811993		79	2.7	14.2	46	24.5	1
N811994		78	4.4	16.1	46	24.4	<1
N811995		81	3.7	14.5	50	25.2	1
N811996		70	2.8	18.7	44	24.4	<1
N811997		67	1.9	15.9	40	30.0	<1
N811998		82	2.0	16.2	47	28.2	<1
N811999		57	5.2	10.7	5480	28.8	25
N812000		81	3.6	15.0	46	30.0	1
N813251		65	5.6	18.5	43	24.0	<1
N813252		80	2.9	13.9	49	27.7	1
N813253		77	4.1	15.5	46	26.1	<1
N813254		71	4.5	16.0	41	25.1	1
N813255		80	2.3	16.2	45	27.0	<1
N813256		1	0.1	1.0	16	<0.5	<1
N813257		71	2.5	14.2	46	25.6	1
N813258		77	2.0	15.5	47	29.2	1
N813259		57	5.1	10.7	5360	25.0	25
N813260		69	4.0	16.6	88	29.2	1
N813261		74	2.3	14.0	46	29.5	1
N813262		68	1.9	13.7	46	42.3	<1
N813263		72	1.7	15.3	46	44.3	<1
N813264		79	1.8	14.5	51	30.6	1
N813265		66	4.3	14.0	93	22.4	1
N813266		1	0.1	0.9	18	<0.5	<1
N813267		62	4.0	12.1	52	23.0	<1
N813268		76	5.7	13.6	46	24.3	1
N813269		80	6.0	13.7	50	25.9	<1
N813270		74	2.7	14.1	53	22.9	<1
N813271		64	2.4	14.2	55	21.1	<1
N813272		67	2.7	15.7	57	22.8	<1
N813273		80	1.4	15.4	63	29.6	<1
N813274		79	1.4	15.3	65	28.9	<1
N813275		78	1.9	14.2	59	27.6	1
N813276		77	2.4	13.5	58	29.8	<1
N813277		79	1.6	14.8	63	27.6	<1
N813278		75	4.5	14.6	61	27.0	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 109

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193421

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193440

Project: Klaza - 104

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

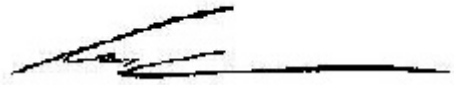
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193440

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811885		3.19	<0.005	0.10	6.68	4.9	990	1.18	0.17	2.80	0.07	37.0	8.4	9	11.20	24.7
N811886		0.26	1.745	26.3	5.73	2970	790	1.30	19.10	2.28	78.4	42.0	10.8	18	13.90	454
N811887		3.20	<0.005	0.10	6.99	5.1	950	1.17	0.16	2.64	0.10	38.6	7.2	8	12.30	12.1
N811888		3.35	<0.005	2.16	6.73	6.9	1080	1.20	0.72	2.94	0.19	37.3	9.0	16	14.00	31.1
N811889		1.78	<0.005	0.01	0.06	<5	60	0.06	0.04	21.0	0.08	1.07	0.7	<1	0.17	1.7
N811890		4.79	0.212	6.45	7.80	1130	1270	1.50	5.24	0.18	10.70	48.0	16.9	8	15.45	22.2
N811891		5.07	1.325	24.7	7.65	2880	3390	1.11	8.92	0.20	3.56	48.2	4.0	9	11.70	24.5
N811892		3.26	0.016	0.35	8.19	65.5	2790	1.68	1.05	0.47	9.87	48.8	12.1	9	18.45	8.1
N811893		4.00	0.021	0.62	8.09	99.4	1770	1.59	2.20	0.62	1.31	47.2	7.1	9	11.00	6.1
N811894		3.59	0.006	0.14	7.68	15.1	2180	1.44	0.68	2.05	0.24	46.0	7.1	9	8.34	6.6
N811895		0.26	0.878	9.91	6.65	1760	490	1.37	6.60	2.02	40.7	43.3	16.6	20	15.65	111.0
N811896		2.53	0.022	1.10	8.56	166.0	2100	1.57	1.59	0.45	1.61	43.5	9.4	10	12.45	12.1
N811897		6.75	0.108	2.11	7.89	141.0	2140	1.43	2.49	0.46	1.99	52.5	18.6	9	11.50	44.6
N811898		3.54	0.187	1.26	8.11	681	1720	1.75	0.82	0.30	3.43	57.0	15.3	9	20.7	14.0
N811899		3.37	0.008	0.52	7.95	47.8	2630	1.63	0.42	0.91	1.94	61.3	11.6	7	13.35	27.9
N811900		4.89	0.011	1.42	7.88	40.3	2180	1.53	0.58	1.08	2.35	49.8	5.5	8	10.30	14.7
N811901		2.48	0.350	22.7	7.16	687	2060	1.66	2.56	0.38	26.5	49.1	11.0	7	16.90	32.6
N811902		2.58	<0.005	0.04	0.09	<5	30	0.07	0.03	20.6	0.11	1.19	0.6	<1	0.23	1.2
N811903		2.64	0.060	2.59	7.87	59.9	2320	1.49	0.90	1.09	4.44	49.6	9.4	9	10.90	86.9
N811904		3.70	0.006	0.36	7.32	8.8	2180	1.41	0.14	2.22	0.81	43.1	7.5	9	7.80	12.2
N811905		1.56	<0.005	0.35	7.50	8.7	2250	1.40	0.14	2.23	0.82	43.6	8.2	8	7.57	14.3
N811906		3.98	0.006	0.50	7.95	28.4	2190	1.22	0.43	0.60	3.22	46.3	11.0	9	12.40	12.6
N811907		3.24	0.008	0.37	7.70	24.5	2200	1.37	0.12	0.66	4.00	45.4	8.0	9	20.2	11.1
N811908		3.51	0.005	0.25	7.30	10.7	2120	1.47	0.14	1.99	1.28	38.5	8.0	8	9.76	7.8
N811909		3.82	0.010	0.47	7.60	26.0	2030	1.40	0.47	1.10	3.17	53.7	10.8	8	18.65	21.8
N811910		3.02	0.005	0.25	7.61	14.6	2230	1.34	0.17	1.94	1.14	53.1	9.1	10	10.00	19.6
N811911		6.26	<0.005	0.12	7.41	9.5	2180	1.45	0.12	2.38	0.50	44.3	8.7	9	7.94	8.2
N811912		<0.02	<0.005	0.10	7.32	9.5	2160	1.42	0.11	2.27	0.46	41.1	8.1	9	7.68	7.2
N811913		4.42	<0.005	0.09	7.60	10.5	2220	1.41	0.16	2.42	0.28	41.5	7.3	12	8.52	6.2
N811914		2.12	<0.005	0.15	7.80	22.4	2160	1.44	0.12	2.16	1.02	40.1	8.8	9	11.55	9.0
N811915		7.32	<0.005	0.06	7.59	6.1	2270	1.26	0.11	2.82	0.14	50.0	8.1	10	7.66	8.0
N811916		2.35	<0.005	0.10	7.62	12.5	2150	1.36	0.22	2.28	0.29	42.5	7.7	8	11.70	10.0
N811917		5.66	<0.005	0.07	7.34	8.3	2280	1.34	0.17	2.49	0.13	41.2	7.6	9	8.22	6.7
N811918		2.79	<0.005	0.53	6.81	19.0	1890	1.25	0.15	3.30	1.35	39.9	6.9	8	8.85	7.6
N811919		4.20	<0.005	0.05	8.42	5.5	2600	1.42	0.14	3.07	0.17	42.0	7.7	12	9.25	5.5
N811920		2.63	<0.005	0.10	8.04	15.0	2180	1.38	0.23	2.94	0.29	40.3	7.8	9	12.15	8.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193440

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811885		2.55	14.85	0.14	0.9	0.021	2.51	20.1	16.0	0.76	549	0.47	1.87	8.6	3.8	430
N811886		6.78	14.35	0.14	0.9	1.605	2.63	23.7	22.2	0.92	1970	13.15	0.05	5.7	15.5	440
N811887		2.46	14.25	0.12	0.9	0.025	2.60	20.7	18.4	0.68	533	0.48	1.56	8.9	3.5	420
N811888		3.39	14.75	0.15	0.7	0.031	2.28	19.5	26.3	1.07	848	4.21	1.08	8.4	6.1	630
N811889		0.51	0.17	0.09	<0.1	0.007	0.03	0.6	1.1	13.15	214	0.22	0.01	0.1	4.5	160
N811890		6.37	17.35	0.15	1.0	0.348	3.46	28.9	13.3	0.20	3950	1.77	0.05	7.6	3.1	590
N811891		6.63	17.05	0.14	1.0	0.358	3.61	29.0	10.5	0.27	827	2.01	0.09	7.5	1.5	540
N811892		3.87	17.80	0.17	1.1	0.079	3.26	24.7	19.9	0.40	3910	1.28	0.62	8.4	3.7	730
N811893		3.82	18.05	0.14	1.0	0.176	2.63	26.8	17.3	0.54	1130	0.77	2.06	8.0	3.2	680
N811894		3.32	17.10	0.13	1.1	0.060	2.45	25.0	11.9	0.79	615	0.47	2.30	7.9	3.3	660
N811895		5.51	15.15	0.15	1.4	0.864	2.95	23.3	23.5	0.73	2130	12.20	0.27	7.2	16.3	520
N811896		3.96	18.55	0.16	1.2	0.111	3.54	22.0	25.5	0.38	1710	1.40	0.37	8.8	2.9	720
N811897		4.50	17.30	0.14	1.1	0.122	3.81	29.0	15.0	0.31	1740	1.57	0.52	7.9	2.9	630
N811898		4.56	18.45	0.17	1.3	0.116	4.00	32.6	17.6	0.23	3280	2.53	0.11	8.4	3.3	730
N811899		3.52	17.75	0.17	1.1	0.079	3.04	32.2	14.8	0.38	927	0.97	1.29	8.1	2.9	680
N811900		3.30	16.45	0.15	1.2	0.068	2.80	23.3	16.5	0.52	961	0.83	1.50	8.0	3.0	630
N811901		4.93	16.55	0.16	1.1	0.412	3.23	30.8	14.4	0.25	8980	9.71	0.26	7.0	3.5	600
N811902		0.50	0.32	0.11	<0.1	0.007	0.05	0.6	1.3	13.00	231	0.11	0.01	0.2	4.3	170
N811903		3.96	16.80	0.18	1.1	0.108	3.68	28.5	18.8	0.45	1620	1.82	1.04	7.6	2.8	650
N811904		3.27	16.05	0.16	1.1	0.048	2.61	21.4	12.7	0.78	572	0.59	2.21	7.2	3.2	630
N811905		3.29	16.05	0.16	1.0	0.038	2.67	22.4	12.6	0.80	569	0.53	2.22	7.4	2.7	650
N811906		3.42	15.95	0.15	1.1	0.050	2.91	23.9	26.6	0.46	816	4.17	0.80	7.6	3.0	680
N811907		3.17	17.20	0.18	1.2	0.039	2.79	20.3	20.0	0.43	801	1.48	1.25	7.9	3.0	680
N811908		3.16	16.70	0.14	1.0	0.034	2.48	18.3	14.3	0.72	685	0.85	2.20	7.5	3.6	610
N811909		3.59	16.20	0.16	1.0	0.055	2.75	31.1	18.6	0.36	1170	2.10	0.92	7.3	2.9	660
N811910		3.37	16.25	0.14	1.1	0.029	2.55	27.0	13.6	0.78	618	0.76	2.17	7.7	3.3	660
N811911		3.23	16.60	0.16	1.1	0.038	2.60	21.7	16.3	0.91	628	0.69	2.38	7.9	2.5	660
N811912		3.24	15.95	0.14	1.1	0.040	2.47	19.3	15.8	0.90	597	0.68	2.37	7.6	2.1	670
N811913		3.23	15.50	0.14	1.0	0.044	2.61	20.2	15.1	0.91	596	0.57	2.36	7.3	1.8	640
N811914		3.33	16.40	0.13	1.1	0.049	2.65	20.1	20.5	0.60	657	0.89	1.81	8.2	2.1	740
N811915		3.28	16.50	0.12	1.0	0.046	2.63	24.5	17.3	0.97	669	0.61	2.44	7.6	1.9	660
N811916		3.24	16.45	0.14	1.1	0.041	2.57	20.8	20.7	0.63	585	1.18	1.74	7.5	1.9	670
N811917		3.14	15.75	0.14	1.0	0.035	2.60	19.6	15.3	0.91	614	0.97	2.34	7.3	1.9	630
N811918		2.92	14.90	0.15	1.0	0.045	2.48	19.8	15.3	0.75	804	1.35	1.89	6.9	1.7	600
N811919		3.62	16.80	0.13	1.1	0.046	2.95	20.4	16.3	1.01	734	1.48	2.70	7.7	2.0	740
N811920		3.36	16.05	0.15	1.1	0.045	2.90	19.4	15.2	0.73	696	1.78	1.91	7.7	1.9	690

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193440

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811885		11.9	87.5	<0.002	0.02	2.93	8.3	1	1.4	300	0.79	<0.05	12.6	0.236	0.92	3.4
N811886		2910	167.0	0.002	4.69	94.0	8.2	2	7.8	88.6	0.44	0.41	10.5	0.178	2.38	5.3
N811887		14.9	91.1	<0.002	0.05	3.09	8.1	1	1.2	346	0.88	<0.05	15.1	0.236	0.89	4.4
N811888		15.8	96.0	<0.002	0.03	6.17	11.0	2	2.0	385	0.61	<0.05	10.2	0.309	1.23	3.0
N811889		1.5	1.2	<0.002	0.01	0.11	0.1	1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811890		653	187.5	<0.002	0.16	20.2	11.8	2	3.4	57.3	0.59	0.29	13.6	0.281	3.19	6.3
N811891		3450	210	<0.002	0.38	31.3	11.7	1	4.4	134.0	0.59	0.37	11.5	0.280	3.38	4.0
N811892		29.8	144.5	<0.002	0.01	5.18	14.4	1	2.1	103.5	0.63	<0.05	12.7	0.321	2.16	3.8
N811893		44.4	133.0	<0.002	<0.01	4.18	12.8	3	2.4	173.0	0.64	<0.05	13.2	0.290	1.82	2.7
N811894		16.5	101.0	<0.002	<0.01	2.12	12.5	2	1.7	366	0.63	<0.05	11.9	0.283	1.19	1.7
N811895		1420	163.0	0.002	3.11	34.3	9.0	1	5.9	149.0	0.58	0.35	11.7	0.213	2.61	5.3
N811896		155.5	170.5	<0.002	<0.01	7.45	12.7	2	2.0	76.7	0.69	<0.05	14.4	0.318	2.31	3.2
N811897		114.5	182.5	<0.002	0.01	5.76	12.4	2	2.2	97.9	0.66	0.08	14.8	0.283	2.71	4.2
N811898		132.5	209	0.002	<0.01	14.70	14.5	2	2.0	44.6	0.71	<0.05	15.2	0.309	3.04	5.2
N811899		18.3	146.0	<0.002	<0.01	6.63	11.9	2	1.7	198.5	0.66	<0.05	16.4	0.283	1.71	2.5
N811900		25.7	122.5	<0.002	<0.01	6.48	10.9	1	1.7	236	0.73	<0.05	15.0	0.274	1.35	2.4
N811901		1250	177.0	<0.002	0.03	32.0	11.2	2	2.4	92.7	0.57	<0.05	13.5	0.252	2.80	6.6
N811902		3.3	2.1	<0.002	<0.01	0.17	0.2	1	<0.2	34.0	<0.05	<0.05	0.2	<0.005	0.03	0.5
N811903		34.0	171.5	<0.002	0.01	4.61	11.8	1	1.9	188.5	0.58	<0.05	14.5	0.277	2.24	2.9
N811904		16.6	99.7	<0.002	<0.01	1.72	11.0	1	1.7	360	0.59	<0.05	11.4	0.275	0.96	1.4
N811905		16.6	99.3	<0.002	<0.01	1.57	11.4	2	2.0	364	0.57	<0.05	11.9	0.284	0.97	1.5
N811906		28.3	127.0	<0.002	0.01	6.86	11.6	2	1.5	117.5	0.60	<0.05	13.4	0.299	1.27	2.3
N811907		17.8	119.5	<0.002	<0.01	4.81	11.8	2	1.5	168.5	0.66	<0.05	13.8	0.293	1.14	2.0
N811908		19.2	91.4	<0.002	<0.01	1.64	10.8	2	1.4	351	0.56	<0.05	10.6	0.269	0.96	1.3
N811909		51.0	123.0	<0.002	0.01	9.03	11.9	1	2.8	155.0	0.55	<0.05	13.1	0.285	1.42	2.8
N811910		16.3	107.0	<0.002	<0.01	1.95	11.9	2	3.2	345	0.61	<0.05	13.3	0.286	0.97	1.4
N811911		18.9	91.3	<0.002	<0.01	1.59	11.5	1	1.6	391	0.62	<0.05	10.8	0.293	0.94	1.4
N811912		17.5	87.7	<0.002	<0.01	1.58	10.8	1	1.7	392	0.62	0.07	10.4	0.276	0.98	1.3
N811913		16.3	99.0	<0.002	<0.01	1.76	10.2	1	1.5	373	0.60	0.07	11.2	0.282	1.04	1.6
N811914		15.5	97.0	<0.002	<0.01	4.58	11.4	1	2.0	286	0.67	<0.05	10.4	0.307	1.11	1.7
N811915		14.9	83.9	<0.002	0.01	1.20	10.9	1	1.8	431	0.60	0.05	10.8	0.293	0.98	1.5
N811916		15.8	89.4	<0.002	0.03	7.72	10.6	<1	1.9	311	0.60	<0.05	10.6	0.269	1.15	1.9
N811917		14.7	89.8	<0.002	0.03	1.39	10.1	1	1.9	419	0.57	<0.05	10.2	0.278	1.01	1.3
N811918		24.7	88.7	<0.002	0.02	2.72	9.6	1	1.8	333	0.55	0.09	10.1	0.260	1.13	1.2
N811919		15.1	94.8	<0.002	<0.01	1.64	10.7	1	2.4	478	0.64	<0.05	10.3	0.322	1.11	1.4
N811920		17.8	101.5	<0.002	0.04	3.57	10.2	<1	2.5	352	0.65	0.05	10.1	0.304	1.26	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12193440

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N811885		67	1.8	10.1	43	22.1	1
N811886		56	4.9	9.6	5530	25.1	26
N811887		68	2.4	11.2	51	21.6	1
N811888		92	19.3	12.1	79	17.6	3
N811889		2	0.1	0.7	17	<0.5	<1
N811890		86	4.3	15.1	1540	21.1	7
N811891		82	3.9	6.9	587	20.3	26
N811892		91	2.4	18.0	556	22.4	<1
N811893		83	1.9	15.5	325	22.8	1
N811894		79	0.7	17.0	78	23.6	1
N811895		59	5.1	10.8	3140	35.6	10
N811896		85	5.0	14.6	285	26.3	1
N811897		79	2.8	14.6	260	23.4	2
N811898		95	3.3	18.9	349	26.1	1
N811899		75	1.5	15.0	205	24.3	1
N811900		72	2.2	14.4	444	25.2	2
N811901		75	4.6	21.5	2040	22.7	23
N811902		3	0.1	0.8	17	<0.5	<1
N811903		79	3.3	15.4	379	24.0	3
N811904		76	1.7	14.4	191	23.0	1
N811905		77	1.5	14.7	195	22.3	1
N811906		84	3.6	12.6	319	23.3	1
N811907		82	4.1	11.7	499	26.1	1
N811908		75	2.0	13.2	368	22.5	1
N811909		80	5.2	16.9	280	21.9	1
N811910		81	3.4	15.8	406	22.4	1
N811911		84	0.7	17.9	116	25.9	1
N811912		80	0.7	16.7	105	24.5	<1
N811913		80	1.0	16.0	86	23.6	1
N811914		89	2.2	17.0	149	25.5	1
N811915		84	1.0	17.2	50	24.3	1
N811916		76	4.0	16.0	59	23.7	1
N811917		77	3.3	15.5	62	23.0	1
N811918		73	2.2	15.0	197	23.3	1
N811919		92	1.2	16.6	76	25.5	<1
N811920		85	1.5	15.5	169	24.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 104

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193440

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193441

Project: Klaza - 106

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193441

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355569		5.79	<0.005	0.08	7.55	4.1	2230	1.63	0.30	2.65	0.09	44.5	9.6	10	7.67	5.7
M355570		2.84	<0.005	0.95	7.20	20.1	1530	1.49	0.33	2.36	3.13	38.8	9.2	7	17.15	26.0
M355571		7.67	<0.005	0.15	7.48	4.7	2270	1.58	0.18	2.59	0.09	38.4	7.8	10	8.71	12.5
M355572		4.99	<0.005	0.05	7.88	3.8	2390	1.65	0.13	2.70	0.10	43.8	8.8	10	7.65	3.5
M355573		2.31	<0.005	0.06	7.62	4.1	2320	1.51	0.18	2.68	0.10	43.9	9.1	10	7.45	3.9
M355574		5.01	<0.005	0.19	7.54	12.1	2300	1.56	0.24	2.84	0.21	40.2	7.8	9	8.06	5.0
M355575		2.90	<0.005	0.13	7.67	8.8	2130	1.50	0.14	2.92	0.10	41.6	7.8	9	18.80	8.0
M355576		3.88	<0.005	0.23	7.58	7.5	2280	1.54	0.25	2.71	0.12	40.5	8.2	10	8.30	17.1
M355577		7.25	<0.005	0.06	7.71	4.4	2320	1.56	0.10	2.91	0.16	43.4	9.1	11	6.48	5.7
M355578		7.46	<0.005	0.10	7.78	6.8	2340	1.57	0.14	2.72	0.16	44.6	7.4	9	7.81	5.4
M355579		<0.02	<0.005	0.09	7.58	6.4	2310	1.67	0.13	2.66	0.14	41.6	7.4	9	7.99	5.3
M355580		3.73	0.051	0.15	7.63	7.6	2440	1.48	0.16	2.66	0.10	41.5	8.8	9	6.45	18.8
M355581		2.33	0.061	1.09	7.31	52.9	1340	1.38	0.80	2.24	0.93	41.8	21.0	7	8.47	35.3
M355582		2.72	<0.005	0.26	7.53	12.6	2300	1.51	0.15	2.71	0.88	41.7	6.4	9	9.55	14.7
M355583		7.39	<0.005	0.10	7.83	6.0	2250	1.53	0.12	2.75	0.15	44.9	8.7	12	9.13	5.9
M355584		0.26	4.56	>100	5.70	8340	840	1.18	56.1	2.01	230	31.4	9.7	16	11.50	1315
M355585		4.58	0.060	3.51	7.43	701	1220	1.54	1.39	1.20	10.90	49.1	9.7	7	9.68	68.1
M355586		4.17	<0.005	0.48	7.62	28.9	1830	1.82	0.28	2.46	1.79	42.8	9.6	8	25.7	14.0
M355587		2.68	1.010	59.3	6.05	5770	1090	1.37	4.85	3.52	386	37.5	8.3	4	17.60	297
M355588		1.67	<0.005	0.51	0.07	<5	20	0.08	0.09	21.9	0.28	1.20	1.1	<1	0.30	7.2
M355589		2.50	<0.005	0.29	7.70	13.0	1950	1.60	0.13	2.71	0.67	47.1	8.1	8	16.20	7.4
M355590		6.17	<0.005	0.16	7.31	10.6	2220	1.63	0.15	2.66	0.53	41.1	8.8	12	8.12	4.5
M355591		4.32	<0.005	0.32	7.30	29.8	2490	1.67	0.31	2.24	0.65	40.1	7.2	8	16.25	8.4
M355592		4.15	0.860	6.06	6.72	2300	460	1.42	3.01	1.81	27.7	45.3	10.1	7	7.78	76.6
M355593		4.15	0.013	0.59	7.53	75.1	2030	1.64	0.36	2.55	1.86	45.7	8.5	9	12.00	13.7
M355594		7.27	<0.005	0.09	7.60	7.3	2200	1.50	0.19	2.55	0.12	43.3	8.0	10	8.99	6.2
M355595		2.54	0.007	0.41	7.53	69.1	1980	1.65	0.19	2.66	1.05	44.5	7.4	8	15.40	8.1
M355596		3.04	0.319	3.74	7.25	717	380	1.60	2.02	0.96	8.65	48.6	8.1	8	7.36	40.3
M355597		2.90	<0.005	0.22	7.78	40.9	2080	1.67	0.18	2.62	0.79	44.8	7.5	9	11.80	5.1
M355598		7.65	<0.005	0.07	6.95	5.9	2230	1.56	0.24	2.68	0.10	42.2	8.3	11	6.97	8.1
M355599		0.26	4.52	>100	5.36	7870	160	1.13	58.6	2.08	233	28.5	9.9	19	11.50	1350
M355600		5.97	<0.005	0.09	6.80	5.4	2120	1.58	0.19	2.72	0.12	42.1	7.7	15	8.62	5.1
M355601		2.92	0.053	2.94	6.85	194.0	270	1.55	2.26	0.78	16.70	48.4	10.3	9	7.40	50.7
M355602		3.54	0.927	17.25	5.08	816	930	1.27	15.35	2.00	36.4	34.6	12.3	7	18.55	148.5
M355603		2.29	<0.005	0.05	0.15	<5	30	0.08	0.03	21.0	0.11	1.40	1.3	<1	1.37	1.8
M355604		3.10	3.42	>100	5.30	6170	870	1.26	77.8	4.74	210	39.1	27.4	8	15.95	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355569		3.03	17.95	0.20	1.2	0.048	2.48	22.7	13.0	0.87	621	0.93	2.20	8.2	2.9	600
M355570		3.11	17.10	0.17	1.1	0.078	2.56	19.7	21.0	0.70	1070	0.86	0.44	7.7	2.7	590
M355571		3.20	18.20	0.19	1.2	0.063	2.58	19.0	13.4	0.83	667	0.83	2.18	8.4	2.9	610
M355572		3.17	18.90	0.22	1.1	0.045	2.58	21.9	15.1	0.98	612	0.69	2.46	8.7	2.8	640
M355573		3.14	18.70	0.20	1.1	0.046	2.48	21.9	15.2	0.97	616	0.69	2.36	8.4	2.9	630
M355574		3.21	19.00	0.19	1.2	0.061	2.52	19.7	13.0	0.88	654	1.02	2.22	8.4	2.7	620
M355575		3.37	18.80	0.20	1.1	0.073	2.56	20.6	13.7	0.89	831	0.68	1.31	8.6	2.9	660
M355576		3.38	18.75	0.20	1.1	0.069	2.69	19.9	11.7	0.85	758	0.72	2.04	8.4	2.9	640
M355577		3.39	18.70	0.21	1.2	0.050	2.56	21.3	12.0	1.05	689	5.77	2.41	8.8	3.0	680
M355578		3.17	18.50	0.20	1.1	0.056	2.70	22.5	13.6	0.91	680	2.43	2.28	8.1	2.8	630
M355579		3.17	19.10	0.21	1.2	0.058	2.64	20.8	13.9	0.88	676	2.68	2.27	8.4	3.0	610
M355580		3.24	17.95	0.19	1.2	0.060	2.72	21.2	12.9	0.87	682	0.92	2.18	7.9	2.7	610
M355581		4.03	17.05	0.19	1.1	0.178	3.04	22.1	21.9	0.78	1940	0.93	0.42	7.4	2.4	550
M355582		3.39	18.10	0.20	1.2	0.065	2.89	20.9	12.5	0.83	952	0.90	1.77	8.1	2.6	600
M355583		3.16	18.50	0.21	1.2	0.045	2.71	23.2	14.2	0.88	641	0.76	2.23	8.3	3.0	620
M355584		8.16	13.95	0.20	1.2	4.83	2.35	16.3	31.4	0.65	3120	15.50	0.09	5.5	13.4	460
M355585		4.82	18.60	0.17	1.2	0.199	3.28	27.2	18.5	0.85	2160	0.97	0.05	7.4	2.5	550
M355586		3.08	18.40	0.19	1.3	0.082	2.73	21.6	31.8	0.75	876	0.70	0.78	8.5	2.9	620
M355587		5.18	14.45	0.15	1.0	5.92	2.30	20.1	17.8	1.28	2440	0.80	0.04	6.2	2.0	450
M355588		0.52	0.29	0.13	<0.1	0.010	0.03	0.6	1.1	13.20	219	0.12	0.01	0.2	2.2	160
M355589		3.06	18.30	0.18	1.5	0.050	2.71	23.9	18.1	0.83	820	0.57	1.60	8.9	2.6	600
M355590		3.03	17.95	0.16	1.2	0.055	2.51	20.3	15.1	0.89	589	0.49	2.28	8.4	2.8	610
M355591		3.50	17.45	0.18	1.2	0.089	2.89	19.8	21.4	0.78	1100	0.49	0.79	7.9	2.8	610
M355592		5.68	16.90	0.19	1.0	0.818	3.15	25.3	8.5	0.88	2260	2.99	0.03	6.8	2.6	520
M355593		3.31	17.55	0.19	1.1	0.078	2.81	23.6	16.8	0.78	1140	0.56	1.33	7.9	3.2	610
M355594		2.89	17.00	0.19	1.0	0.041	2.79	22.5	17.7	0.75	537	0.64	1.95	7.3	2.8	590
M355595		3.05	17.65	0.21	1.1	0.075	2.92	23.1	17.7	0.75	1040	0.48	1.38	7.5	2.8	570
M355596		5.10	16.65	0.19	1.0	0.437	3.43	27.2	6.6	0.59	1380	0.85	0.04	7.1	2.5	560
M355597		3.36	17.50	0.20	1.0	0.050	2.82	23.5	11.9	0.84	1020	0.57	1.95	7.6	2.8	640
M355598		3.00	18.20	0.19	1.2	0.040	2.70	21.5	17.5	0.88	589	1.64	2.35	8.4	3.3	600
M355599		8.34	14.05	0.21	1.1	4.83	2.38	14.8	36.0	0.66	3230	15.25	0.09	5.8	15.1	460
M355600		3.05	17.45	0.17	1.0	0.040	2.68	21.6	14.7	0.84	606	1.93	2.16	7.6	3.0	590
M355601		5.03	16.60	0.21	1.0	0.937	3.30	27.6	6.8	0.54	1420	1.24	0.10	7.3	2.9	550
M355602		7.69	14.10	0.23	1.0	1.235	2.19	19.3	18.4	0.73	1180	3.16	0.05	5.7	3.9	470
M355603		0.48	0.70	0.08	<0.1	0.007	0.10	0.7	2.4	12.65	215	0.11	0.01	0.6	<0.2	210
M355604		8.16	13.15	0.18	1.7	2.84	2.00	21.9	24.1	1.61	3290	1.87	0.06	6.3	3.4	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355569		14.9	96.5	<0.002	0.03	1.60	12.2	2	1.6	380	0.75	<0.05	12.4	0.266	0.92	4.2
M355570		55.1	99.3	<0.002	0.25	7.30	11.1	2	1.7	137.5	0.67	0.10	10.5	0.258	1.38	3.2
M355571		13.3	93.4	<0.002	0.04	2.28	11.6	2	1.6	361	0.71	<0.05	10.0	0.274	1.02	3.8
M355572		14.7	92.6	<0.002	0.01	1.41	12.5	2	1.6	435	0.72	<0.05	10.5	0.285	0.92	3.8
M355573		14.4	89.2	<0.002	0.02	1.37	12.2	2	1.6	425	0.71	<0.05	10.6	0.279	0.90	3.7
M355574		20.2	91.0	<0.002	0.05	3.59	11.7	2	1.8	385	0.73	<0.05	10.4	0.276	0.97	3.8
M355575		16.2	98.6	<0.002	0.12	3.20	12.2	2	1.9	274	0.71	<0.05	10.2	0.281	1.23	4.0
M355576		16.0	103.0	<0.002	0.11	1.62	11.9	2	2.1	355	0.70	<0.05	11.3	0.275	1.10	3.9
M355577		16.4	88.7	<0.002	0.01	1.04	12.9	2	1.8	425	0.73	<0.05	10.3	0.298	0.92	3.7
M355578		17.1	101.0	<0.002	0.05	1.42	11.9	2	1.8	394	0.70	<0.05	11.2	0.276	1.10	3.7
M355579		17.3	99.9	<0.002	0.04	1.43	11.7	2	1.9	393	0.72	<0.05	10.2	0.272	1.11	3.6
M355580		14.2	98.5	<0.002	0.12	1.27	11.3	2	1.8	383	0.67	<0.05	10.8	0.268	1.11	3.6
M355581		133.0	168.5	<0.002	1.01	3.34	11.3	1	4.2	143.0	0.63	0.08	12.1	0.244	2.03	3.5
M355582		56.3	113.5	<0.002	0.11	2.53	11.3	2	2.1	330	0.69	<0.05	10.1	0.267	1.33	3.6
M355583		18.6	104.0	<0.002	0.02	1.54	11.9	2	1.7	390	0.72	<0.05	11.3	0.273	1.05	3.8
M355584		>10000	135.0	0.002	7.23	220	7.4	3	8.9	121.5	0.47	0.49	7.9	0.183	2.11	4.7
M355585		714	199.5	<0.002	1.29	9.02	11.1	1	9.6	57.4	0.64	0.05	12.4	0.234	2.40	4.4
M355586		43.6	118.0	<0.002	0.16	7.46	11.5	2	1.9	217	0.85	<0.05	11.5	0.266	1.78	3.5
M355587		>10000	134.0	<0.002	4.34	79.6	9.0	3	4.2	122.0	0.66	0.08	10.4	0.195	2.05	4.1
M355588		47.8	1.8	<0.002	<0.01	0.61	0.3	1	0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M355589		45.8	119.0	<0.002	0.03	4.52	11.3	2	1.7	304	1.00	<0.05	13.5	0.266	1.29	5.4
M355590		37.0	92.7	<0.002	0.01	1.34	11.5	2	1.6	402	0.76	<0.05	11.3	0.271	0.95	4.3
M355591		44.1	122.5	<0.002	0.17	9.01	11.4	2	2.5	194.5	0.72	<0.05	11.0	0.266	1.75	3.7
M355592		674	217	<0.002	3.76	36.2	10.2	2	10.7	45.0	0.58	0.09	11.2	0.223	2.59	5.8
M355593		118.0	118.5	<0.002	0.20	5.24	12.0	2	2.6	282	0.65	<0.05	11.2	0.269	1.42	3.6
M355594		16.5	99.2	<0.002	0.02	2.72	10.8	2	1.9	347	0.61	<0.05	10.7	0.261	1.02	3.3
M355595		117.5	120.5	<0.002	0.15	4.82	11.4	2	2.2	290	0.59	<0.05	9.9	0.258	1.48	3.1
M355596		413	225	<0.002	3.94	21.3	11.2	1	11.4	36.5	0.58	0.11	10.9	0.246	2.51	3.2
M355597		75.4	120.0	<0.002	0.07	2.91	12.1	2	2.1	347	0.61	<0.05	10.7	0.275	1.30	3.1
M355598		17.4	105.5	<0.002	0.01	1.09	11.9	2	1.5	388	0.72	<0.05	11.9	0.272	0.94	3.8
M355599		>10000	143.0	0.002	7.49	231	8.1	3	7.9	124.0	0.49	0.45	8.3	0.192	2.23	5.2
M355600		16.1	102.0	<0.002	0.01	2.17	11.8	2	1.5	367	0.58	<0.05	10.8	0.277	0.99	2.8
M355601		417	192.5	<0.002	3.72	11.35	11.5	2	6.1	45.2	0.63	0.14	13.8	0.244	2.60	4.2
M355602		628	155.0	<0.002	7.74	24.0	9.1	4	8.3	105.5	0.46	0.37	9.1	0.184	1.92	3.4
M355603		2.4	9.1	<0.002	<0.01	0.07	0.6	1	<0.2	44.2	<0.05	<0.05	<0.2	0.005	0.05	0.6
M355604		8380	122.0	<0.002	7.53	63.5	6.5	3	6.4	242	0.51	0.86	8.4	0.201	1.71	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M355569		74	1.9	17.3	42	26.5	<1		
M355570		70	6.8	15.0	294	25.1	1		
M355571		75	2.1	15.6	46	26.9	<1		
M355572		78	1.9	17.9	42	26.4	<1		
M355573		76	1.8	17.5	43	26.9	<1		
M355574		76	1.5	16.4	53	26.8	<1		
M355575		79	2.6	16.7	46	26.4	<1		
M355576		77	3.9	16.2	47	27.2	<1		
M355577		84	18.1	18.6	49	27.5	<1		
M355578		76	4.9	16.1	51	26.1	<1		
M355579		75	5.1	16.2	49	28.4	<1		
M355580		73	2.2	15.8	49	27.5	<1		
M355581		69	5.8	11.7	147	26.3	1		
M355582		74	2.5	15.5	111	28.1	<1		
M355583		74	1.5	17.3	47	28.1	<1		
M355584		55	5.0	9.7	>10000	33.3	120	0.997	1.655
M355585		66	8.0	11.7	983	26.8	3		
M355586		72	1.8	15.1	207	29.1	<1		
M355587		55	2.6	12.9	>10000	22.1	61	1.960	3.17
M355588		2	0.1	0.8	31	0.5	1		
M355589		73	1.7	18.3	84	32.3	<1		
M355590		74	0.6	17.2	74	27.2	<1		
M355591		75	2.1	15.5	103	26.7	<1		
M355592		63	5.6	8.4	2000	22.0	5		
M355593		73	2.5	16.1	189	25.7	1		
M355594		70	1.9	14.4	42	24.7	<1		
M355595		70	2.1	14.8	132	25.3	1		
M355596		67	5.2	7.7	858	22.9	4		
M355597		76	1.3	15.6	103	23.3	<1		
M355598		75	1.5	17.6	43	27.9	<1		
M355599		57	4.9	10.2	>10000	33.6	123	1.010	1.605
M355600		78	2.9	16.3	49	24.6	<1		
M355601		68	6.9	9.4	1760	23.9	3		
M355602		52	8.3	9.6	2690	28.5	15		
M355603		4	0.1	1.0	18	<0.5	<1		
M355604		48	3.8	11.3	>10000	62.3	116		1.465

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 106

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193441

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193442

Project: Klaza - 106

P.O. No.: Batch 5

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

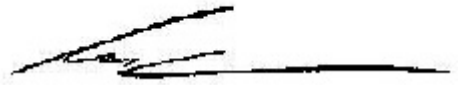
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193442

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355605		2.88	0.263	6.39	6.78	917	110	1.20	2.84	0.76	27.1	45.5	35.3	15	7.56	25.0
M355606		2.45	<0.005	0.01	0.06	<5	30	0.05	0.02	20.9	0.08	1.04	1.2	<1	0.15	2.0
M355607		3.90	0.076	1.97	6.96	232	1650	1.33	0.83	2.64	13.50	50.2	22.0	18	15.85	12.4
M355608		4.27	<0.005	0.18	6.75	9.1	2400	1.21	0.18	2.76	0.17	44.9	7.6	17	7.71	18.6
M355609		6.85	0.005	0.38	6.60	18.2	2820	1.25	0.29	2.91	0.71	36.9	7.5	22	10.80	42.8
M355610		0.26	2.28	25.0	5.74	3280	1260	1.37	19.45	2.27	77.9	41.8	11.2	19	14.55	449
M355611		3.05	<0.005	0.13	6.62	6.0	2420	1.25	0.18	2.86	0.11	38.6	5.8	20	7.94	4.4
M355612		2.76	<0.005	0.72	6.61	34.9	2540	1.47	0.16	3.12	1.91	34.9	6.2	14	10.85	16.3
M355613		5.53	0.005	0.55	6.07	24.4	3510	1.48	0.46	3.95	0.33	36.7	7.4	12	13.30	77.2
M355614		3.40	<0.005	0.31	6.50	20.8	3160	1.57	0.62	2.91	0.26	35.6	11.2	17	10.95	7.5
M355615		2.90	<0.005	0.02	0.14	<5	40	0.08	0.07	21.3	0.07	1.28	1.4	1	0.38	2.3
M355616		4.42	0.005	0.35	6.58	12.2	2190	1.31	0.35	2.96	0.17	36.1	12.4	18	7.86	52.1
M355617		3.97	<0.005	0.09	6.76	23.4	2340	1.43	0.14	2.85	0.11	42.2	7.1	21	6.43	5.9
M355618		2.84	<0.005	0.09	6.83	4.5	2220	1.42	0.15	2.88	0.07	42.0	6.2	16	6.84	6.9
M355619		6.17	<0.005	0.18	6.90	8.6	2380	1.42	0.26	2.95	0.27	39.6	6.9	20	6.08	11.3
M355620		<0.02	0.006	0.17	6.59	8.0	2300	1.39	0.25	2.88	0.29	40.7	7.5	19	6.10	12.0
M355621		6.39	<0.005	0.08	6.57	5.5	2520	1.49	0.19	3.40	0.06	37.6	6.1	14	6.60	5.0
M355622		6.50	0.010	0.54	6.76	37.5	2960	1.46	0.40	3.59	0.60	40.8	13.5	20	8.71	65.1
M355623		4.45	<0.005	0.11	6.90	7.9	2400	1.59	0.14	2.77	0.16	45.9	11.2	18	4.59	6.5
M355624		1.60	<0.005	0.12	7.01	8.3	2410	1.49	0.15	2.83	0.17	45.5	12.1	18	4.99	6.8
M355625		5.09	<0.005	0.12	6.84	8.4	2240	1.42	0.06	2.90	0.63	45.6	7.5	23	3.24	13.6
M355626		3.85	<0.005	0.07	6.80	4.2	2280	1.49	0.08	2.88	0.10	47.0	8.8	29	3.20	6.7
M355627		0.26	0.756	9.30	6.54	1720	690	1.54	6.28	1.92	40.7	42.3	17.5	19	16.50	114.5
M355628		2.89	<0.005	0.15	6.82	6.7	2490	1.49	0.20	2.85	0.10	41.2	10.0	19	4.35	19.6
M355629		4.10	0.006	0.32	6.69	21.1	2100	1.53	0.24	2.76	0.28	43.8	11.3	26	5.37	15.9
M355630		4.27	<0.005	0.08	6.60	5.4	2190	1.46	0.09	2.78	0.07	42.7	7.7	20	6.56	6.4
M355631		4.54	<0.005	0.26	6.49	20.2	2100	1.50	0.08	3.14	0.44	40.2	8.2	24	7.06	8.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193442

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355605		7.72	16.15	0.22	1.0	1.930	3.32	24.4	5.8	0.52	2080	1.97	0.03	7.7	4.3	560
M355606		0.47	0.27	0.09	<0.1	0.006	0.02	0.5	1.0	12.50	200	1.07	0.01	0.2	<0.2	160
M355607		4.38	16.75	0.15	1.0	0.619	3.40	27.0	11.9	0.91	2700	1.88	0.73	7.6	3.2	570
M355608		3.06	16.70	0.16	1.0	0.056	2.87	22.8	8.7	0.79	892	1.81	1.97	7.5	2.8	570
M355609		3.19	15.85	0.17	0.8	0.064	2.95	18.6	9.2	0.78	1060	1.73	1.75	7.0	2.9	580
M355610		6.55	15.10	0.21	1.0	1.760	2.66	24.2	26.6	0.93	1920	13.10	0.04	6.2	16.6	450
M355611		2.98	16.20	0.18	0.9	0.053	2.78	19.7	11.8	0.74	731	1.88	1.84	7.1	2.5	570
M355612		3.13	17.20	0.19	0.9	0.088	3.15	16.9	18.1	0.63	1250	1.19	0.63	7.2	2.4	550
M355613		2.91	16.25	0.18	0.9	0.139	2.73	18.8	11.8	0.92	1090	1.15	1.02	7.1	2.2	530
M355614		3.02	16.75	0.18	0.8	0.161	2.76	18.0	10.9	0.77	932	1.43	1.52	7.4	2.8	560
M355615		0.50	0.51	0.08	<0.1	0.005	0.07	0.6	1.5	12.75	223	0.10	0.01	0.3	0.2	180
M355616		3.18	17.10	0.13	0.9	0.109	2.75	17.7	9.9	0.89	1040	1.40	1.72	7.2	2.5	570
M355617		3.13	17.55	0.18	1.1	0.051	2.82	21.1	12.1	0.85	737	1.57	2.01	8.1	3.0	590
M355618		3.18	16.75	0.16	1.1	0.056	2.80	21.3	10.9	0.80	927	1.35	1.85	7.4	2.6	570
M355619		3.11	16.90	0.18	1.1	0.063	3.00	20.1	10.7	0.80	1040	1.53	1.80	7.7	2.6	590
M355620		3.10	17.35	0.19	1.1	0.070	2.94	20.3	11.1	0.77	1040	1.56	1.74	7.8	2.8	580
M355621		3.14	17.25	0.18	1.1	0.065	2.74	18.8	11.6	0.80	1120	1.10	1.77	7.8	2.5	570
M355622		3.81	16.90	0.17	1.0	0.119	2.93	20.9	11.7	0.92	1380	1.63	0.96	7.5	3.4	650
M355623		3.16	17.85	0.19	1.1	0.058	2.84	22.9	9.7	0.81	762	1.77	2.01	8.3	2.8	610
M355624		3.23	17.85	0.19	1.2	0.059	2.86	22.7	9.7	0.81	791	1.68	2.02	8.3	2.9	630
M355625		3.04	17.10	0.19	1.1	0.050	2.56	22.7	10.3	0.86	769	1.81	2.12	7.6	3.4	590
M355626		3.21	17.00	0.20	1.2	0.049	2.58	23.9	11.7	0.91	676	1.98	2.18	8.0	3.2	640
M355627		5.26	16.10	0.20	1.3	0.948	2.86	22.7	26.8	0.71	2010	12.10	0.27	7.4	16.7	500
M355628		3.15	17.10	0.19	1.1	0.049	2.78	20.2	11.2	0.88	720	1.70	2.24	8.0	3.0	620
M355629		3.48	17.65	0.22	1.2	0.066	2.62	21.6	11.4	0.94	873	2.01	1.97	8.0	3.6	640
M355630		2.85	16.60	0.19	1.1	0.044	2.73	21.4	10.0	0.80	634	1.83	2.14	7.9	2.7	600
M355631		3.14	16.50	0.19	1.1	0.049	2.65	19.5	11.8	0.79	840	1.92	1.96	7.8	3.0	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193442

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355605		677	207	<0.002	7.14	8.58	11.7	1	8.2	32.9	0.70	0.97	13.7	0.257	2.75	4.6
M355606		2.5	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M355607		126.5	154.5	<0.002	1.41	5.18	11.1	1	2.3	215	0.67	0.16	14.8	0.258	2.42	4.9
M355608		19.9	110.5	<0.002	0.10	1.67	11.5	1	1.2	369	0.62	<0.05	12.3	0.256	1.35	3.8
M355609		31.2	105.5	<0.002	0.17	2.65	10.2	1	1.1	343	0.54	<0.05	9.0	0.249	1.58	2.9
M355610		2790	178.5	0.002	4.86	88.2	9.1	2	7.2	93.8	0.55	0.38	11.6	0.184	2.47	5.5
M355611		15.7	99.0	<0.002	0.05	1.88	10.8	1	1.2	364	0.57	<0.05	10.3	0.251	1.26	3.1
M355612		302	108.5	<0.002	0.36	4.72	10.8	1	2.1	224	0.57	<0.05	9.3	0.255	1.72	2.7
M355613		22.6	104.0	<0.002	0.37	8.73	10.4	2	1.5	217	0.57	<0.05	9.2	0.247	1.69	2.7
M355614		17.1	116.5	<0.002	0.54	3.46	11.3	1	1.5	225	0.57	0.11	8.8	0.258	1.63	2.8
M355615		1.8	3.8	<0.002	0.01	0.07	0.5	1	0.7	42.7	<0.05	<0.05	0.2	0.006	0.02	0.8
M355616		17.6	101.0	<0.002	0.25	4.06	10.0	1	2.1	264	0.56	0.07	9.2	0.262	1.58	2.9
M355617		14.8	105.5	<0.002	0.05	2.22	11.1	2	1.5	358	0.68	<0.05	11.6	0.267	1.34	3.6
M355618		11.7	107.0	<0.002	0.07	2.35	10.7	1	1.3	308	0.67	<0.05	13.1	0.252	1.44	4.3
M355619		36.4	113.0	<0.002	0.16	2.30	11.1	2	1.7	305	0.66	<0.05	12.0	0.268	1.57	3.9
M355620		27.5	106.5	<0.002	0.14	2.39	11.2	2	1.7	293	0.69	<0.05	11.8	0.266	1.58	3.9
M355621		7.8	104.5	<0.002	0.11	2.63	11.1	1	1.6	259	0.71	<0.05	10.8	0.265	1.69	3.4
M355622		49.2	123.5	<0.002	0.67	4.10	11.6	1	1.7	199.5	0.66	0.07	10.7	0.268	1.87	3.8
M355623		21.7	98.2	<0.002	0.16	1.31	12.4	2	1.4	370	0.72	0.05	12.8	0.268	1.13	4.2
M355624		23.0	95.4	<0.002	0.18	1.31	12.1	2	1.5	374	0.72	0.05	12.4	0.273	1.19	3.9
M355625		44.5	87.6	<0.002	0.06	1.01	12.0	1	2.9	378	0.68	<0.05	12.7	0.259	0.96	3.7
M355626		15.6	90.6	<0.002	0.03	0.84	12.8	2	1.7	386	0.66	<0.05	13.9	0.276	0.91	3.9
M355627		1375	167.0	0.002	3.17	32.9	9.6	2	5.3	148.0	0.64	0.30	12.1	0.211	2.49	5.2
M355628		15.5	98.4	<0.002	0.12	1.44	12.1	1	1.5	386	0.63	<0.05	11.4	0.276	1.16	3.3
M355629		39.4	99.8	<0.002	0.38	1.74	13.4	2	1.6	353	0.66	0.07	12.0	0.280	1.27	3.6
M355630		14.6	94.2	<0.002	0.05	1.76	10.9	1	1.1	360	0.67	<0.05	11.5	0.259	1.05	3.5
M355631		39.2	86.1	<0.002	0.12	2.57	10.9	1	1.2	350	0.73	<0.05	11.4	0.262	1.19	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 106

CERTIFICATE OF ANALYSIS WH12193442

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355605		71	4.7	10.1	1860	22.4	7
M355606		3	0.1	0.9	17	<0.5	<1
M355607		72	2.8	14.8	907	24.1	2
M355608		72	1.3	16.8	54	24.3	<1
M355609		70	2.0	13.6	100	20.7	1
M355610		57	5.6	11.6	5530	27.0	26
M355611		69	1.7	14.8	52	22.3	1
M355612		73	3.2	13.7	262	23.1	1
M355613		69	3.3	13.5	77	22.2	1
M355614		72	3.2	11.3	66	20.2	1
M355615		4	0.2	0.9	16	0.5	<1
M355616		76	2.8	11.8	68	21.4	1
M355617		76	2.6	15.8	59	26.0	<1
M355618		72	4.7	14.4	59	24.9	<1
M355619		74	4.4	13.2	90	24.6	1
M355620		75	4.6	13.1	88	26.3	<1
M355621		76	5.0	11.5	66	24.9	<1
M355622		80	4.0	11.8	124	24.4	1
M355623		75	6.7	17.4	54	26.3	1
M355624		76	5.1	17.0	55	27.3	1
M355625		78	2.2	17.3	112	25.8	<1
M355626		79	2.3	18.6	48	27.6	1
M355627		58	5.4	12.4	3010	39.0	9
M355628		77	3.8	17.1	51	26.6	<1
M355629		86	6.4	17.5	70	28.3	<1
M355630		72	4.8	15.9	41	26.4	<1
M355631		78	2.8	16.0	80	25.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 106

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193442

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193443

Project: Klaza - 107

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

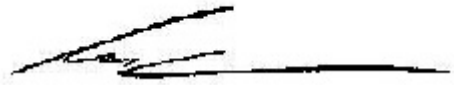
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193443

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814560		3.11	<0.005	0.29	6.96	16.5	1890	1.41	0.53	2.87	0.13	42.1	9.9	9	8.23	93.1
N814561		2.39	<0.005	0.19	6.56	8.6	1970	1.44	0.34	3.08	0.29	36.7	6.6	7	10.90	55.9
N814562		3.94	<0.005	0.14	7.34	6.8	2280	1.49	0.72	2.53	0.10	43.8	6.4	10	11.30	58.2
N814563		0.26	0.785	9.57	6.77	1650	450	1.37	6.21	1.92	40.3	42.7	16.2	21	15.15	106.0
N814564		2.60	<0.005	0.12	7.97	6.9	2320	1.47	0.28	2.82	0.72	42.4	6.3	11	10.10	16.4
N814565		2.71	<0.005	0.27	7.20	11.0	1960	1.48	0.35	3.20	0.59	39.8	5.5	7	8.53	17.4
N814566		3.01	<0.005	0.10	7.34	7.7	1930	1.39	0.25	2.42	0.34	41.7	5.1	9	8.69	23.6
N814567		6.95	<0.005	0.11	7.95	9.2	2100	1.40	0.23	2.43	0.29	42.6	5.6	10	8.60	16.7
N814568		6.99	<0.005	0.07	7.28	8.0	1300	1.77	0.45	1.97	0.10	40.8	7.1	8	10.55	4.5
N814569		5.49	<0.005	0.08	8.22	18.1	1080	1.56	1.08	2.16	0.12	45.9	8.1	10	14.10	4.3
N814570		2.22	0.185	29.3	6.67	633	3980	1.40	0.30	1.97	3.70	38.4	4.8	7	12.35	48.3
N814571		3.40	<0.005	0.05	0.07	<5	60	<0.05	0.03	21.4	0.08	1.14	0.6	<1	0.14	1.6
N814572		4.74	<0.005	0.19	7.36	8.8	2290	1.48	0.31	2.62	0.10	43.4	6.5	9	9.29	15.4
N814573		5.98	<0.005	0.08	7.15	7.1	1860	1.48	0.64	3.10	0.07	38.4	6.8	11	8.56	7.2
N814574		3.23	<0.005	0.12	7.37	9.5	2110	1.49	0.22	2.59	0.10	42.6	6.2	8	7.75	28.8
N814575		8.54	<0.005	0.06	7.25	7.8	2010	1.45	0.41	2.60	0.11	43.0	5.6	10	9.02	13.6
N814576		7.81	<0.005	0.15	7.48	25.1	2000	1.41	0.26	1.85	0.10	44.3	6.3	8	10.85	30.0
N814577		5.92	<0.005	0.12	6.25	11.7	1720	1.37	1.04	2.50	0.34	33.7	4.2	6	13.50	19.7
N814578		4.66	0.035	2.33	6.54	315	1810	1.47	0.20	2.64	0.86	39.5	5.4	7	13.60	42.0
N814579		3.84	<0.005	0.01	0.09	<5	30	0.05	0.03	20.3	0.07	1.40	0.7	<1	0.32	1.8
N814580		2.54	<0.005	0.18	6.54	47.6	2120	1.54	0.36	2.69	0.17	41.0	4.2	7	9.55	16.5
N814581		5.46	<0.005	0.14	6.83	10.2	2640	1.41	0.46	2.21	0.10	41.3	5.2	6	8.89	22.4
N814582		3.17	<0.005	0.11	7.17	6.0	2180	1.43	0.45	2.49	0.10	42.3	6.1	8	10.90	54.7
N814583		1.30	<0.005	0.10	7.31	6.0	2300	1.48	0.44	2.52	0.12	41.4	6.5	9	10.75	53.2
N814584		2.66	<0.005	0.13	6.93	6.5	2080	1.46	0.41	2.52	0.42	39.5	6.4	8	8.03	40.0
N814585		0.26	0.790	10.65	6.49	1645	490	1.38	6.17	1.82	39.1	40.4	15.7	19	14.50	103.0
N814586		5.34	<0.005	0.17	7.05	8.0	2240	1.80	0.64	2.58	0.11	39.5	7.4	9	9.74	70.8
N814587		2.65	<0.005	0.20	7.18	9.7	2170	1.58	0.72	2.72	0.13	43.5	9.0	9	12.75	89.6
N814588		3.53	0.017	1.05	7.10	84.5	2240	1.73	0.91	2.30	2.36	47.1	7.1	9	14.95	47.4
N814589		2.60	0.101	0.70	7.51	9.1	2000	1.28	2.76	1.53	0.20	52.1	7.4	8	12.65	98.0
N814590		6.37	0.006	0.26	8.03	41.1	2150	1.34	0.35	1.55	0.19	54.1	5.9	8	15.70	27.6
N814591		<0.02	0.008	0.23	7.94	37.3	2090	1.33	0.41	1.51	0.16	52.9	5.7	7	15.05	24.3
N814592		3.85	<0.005	0.12	7.12	8.2	2490	1.63	0.21	2.21	0.14	44.3	4.5	7	11.55	24.0
N814593		3.24	<0.005	0.08	7.35	5.6	2250	1.75	0.22	2.41	0.08	43.3	4.9	9	11.40	17.6
N814594		7.61	<0.005	0.10	7.05	7.0	2330	1.80	0.24	2.48	0.19	45.6	6.0	9	11.55	21.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193443

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814560		2.61	15.30	0.15	1.3	0.041	2.74	20.6	11.1	0.66	582	1.44	2.07	7.4	1.5	570
N814561		2.86	15.30	0.14	1.4	0.033	2.57	17.5	12.7	0.81	780	1.71	1.91	7.7	1.4	560
N814562		2.83	16.20	0.13	1.5	0.030	2.89	21.6	12.8	0.66	540	1.55	2.32	7.7	1.7	580
N814563		5.35	14.65	0.15	1.3	0.877	3.03	21.7	23.2	0.72	2060	11.85	0.28	6.9	14.2	510
N814564		3.38	16.25	0.14	1.2	0.050	2.93	20.5	12.5	0.61	1060	0.85	2.13	7.7	1.8	660
N814565		2.90	15.80	0.12	1.1	0.049	2.70	18.8	11.7	0.74	782	0.88	2.03	7.5	1.5	620
N814566		3.09	15.65	0.16	1.2	0.044	2.62	20.5	11.7	0.78	566	0.57	2.23	7.6	1.8	610
N814567		3.22	15.50	0.15	1.2	0.042	2.61	20.5	10.6	0.83	545	0.56	2.45	7.4	1.8	650
N814568		2.92	16.30	0.14	1.3	0.054	2.45	20.7	13.1	0.41	578	0.62	1.93	7.9	1.8	560
N814569		3.37	18.30	0.16	1.6	0.116	2.14	23.2	9.8	0.37	1020	1.45	3.13	9.0	2.0	660
N814570		2.92	15.25	0.14	1.3	0.082	3.04	19.4	18.4	0.52	4430	2.66	0.55	7.1	1.7	510
N814571		0.49	0.21	0.13	<0.1	0.005	0.02	0.6	1.0	12.85	200	0.20	0.01	0.1	<0.2	180
N814572		2.91	16.65	0.16	1.3	0.040	2.72	21.0	12.7	0.75	573	2.00	2.42	7.8	2.0	580
N814573		3.04	15.70	0.17	1.4	0.053	2.44	18.4	13.2	0.98	660	1.50	2.67	8.1	1.8	620
N814574		3.27	15.80	0.15	1.4	0.042	2.62	19.8	16.1	0.79	559	1.08	2.33	8.1	2.3	610
N814575		2.90	15.80	0.14	1.1	0.050	2.47	21.4	16.2	0.82	571	0.60	2.48	7.5	1.9	600
N814576		3.06	16.15	0.15	1.3	0.054	2.89	22.0	20.0	0.62	769	0.59	1.00	7.8	2.2	610
N814577		2.64	14.55	0.16	1.1	0.079	1.98	16.1	31.9	0.47	607	0.42	1.17	6.7	1.5	510
N814578		2.84	14.75	0.13	1.3	0.063	2.76	18.9	13.1	0.74	1670	1.06	1.38	7.3	1.7	540
N814579		0.46	0.28	0.13	<0.1	0.006	0.05	0.7	1.3	12.20	211	0.39	0.01	0.2	<0.2	190
N814580		2.67	15.25	0.17	1.4	0.049	3.09	18.9	10.0	0.65	1440	1.22	1.53	7.7	1.9	590
N814581		2.73	15.25	0.16	1.5	0.042	2.78	19.6	13.9	0.57	587	0.95	1.51	7.4	1.7	550
N814582		2.82	15.35	0.17	1.3	0.042	2.85	20.3	13.8	0.70	560	3.30	2.30	7.0	1.8	550
N814583		2.95	15.30	0.14	1.2	0.047	2.97	19.8	14.2	0.76	594	3.31	2.29	7.5	1.9	600
N814584		2.80	15.60	0.14	1.3	0.041	2.76	19.3	11.3	0.73	589	2.23	2.21	7.3	1.8	560
N814585		5.09	14.50	0.14	1.2	0.835	2.90	20.7	23.0	0.68	1960	11.55	0.26	6.8	14.5	480
N814586		2.77	16.95	0.08	1.4	0.040	2.88	19.6	14.4	0.70	533	2.89	2.29	7.7	2.6	600
N814587		2.90	16.85	0.08	1.4	0.043	2.84	21.7	13.5	0.71	569	2.80	2.27	7.9	3.1	610
N814588		2.92	16.55	0.09	1.4	0.062	3.08	22.3	16.1	0.58	1920	4.48	1.55	7.5	2.7	590
N814589		2.75	17.10	0.09	1.4	0.070	3.22	26.7	22.1	0.41	721	2.81	0.42	7.4	2.4	590
N814590		2.91	18.45	0.12	1.5	0.043	3.61	29.3	24.8	0.57	1320	2.44	0.44	8.1	2.4	650
N814591		2.84	18.00	0.10	1.6	0.047	3.45	28.0	23.9	0.55	1250	2.30	0.42	7.9	2.3	620
N814592		2.72	16.70	0.09	1.5	0.049	3.40	23.0	14.1	0.56	697	2.08	1.28	7.5	2.5	550
N814593		2.82	16.75	0.09	1.6	0.044	3.12	21.8	19.7	0.61	518	1.31	1.94	8.2	2.6	590
N814594		2.75	17.40	0.11	1.6	0.041	2.97	21.1	14.7	0.67	684	0.93	2.29	8.2	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193443

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814560		17.4	109.0	<0.002	0.13	3.36	9.0	<1	2.4	311	0.65	0.10	10.9	0.248	1.40	2.4
N814561		21.6	89.1	<0.002	0.04	3.47	8.6	1	2.3	321	0.67	0.07	10.0	0.237	1.32	3.0
N814562		17.2	106.5	<0.002	0.02	1.81	9.2	<1	2.2	379	0.68	0.08	12.7	0.248	1.22	3.1
N814563		1390	158.0	<0.002	3.24	32.7	7.9	<1	5.6	150.5	0.58	0.32	11.2	0.215	2.50	5.0
N814564		40.0	108.0	<0.002	0.02	4.34	9.4	<1	2.9	350	0.65	<0.05	10.9	0.293	1.35	4.0
N814565		256	103.5	<0.002	0.04	3.99	9.3	<1	2.6	323	0.61	0.11	10.3	0.252	1.54	2.7
N814566		20.5	93.3	<0.002	0.01	3.88	9.5	<1	2.8	329	0.63	0.07	11.2	0.265	1.27	2.5
N814567		19.5	88.3	<0.002	0.01	3.52	9.5	1	2.6	368	0.61	<0.05	11.4	0.260	1.21	2.3
N814568		13.8	115.0	<0.002	0.01	10.60	9.8	<1	2.7	207	0.69	0.06	11.4	0.254	1.34	2.7
N814569		11.6	100.5	<0.002	0.04	17.05	10.8	<1	5.5	180.5	0.81	0.05	12.9	0.284	1.35	3.8
N814570		239	138.0	<0.002	0.72	78.7	8.5	1	2.9	149.5	0.67	<0.05	11.2	0.222	2.14	3.0
N814571		1.6	1.2	<0.002	<0.01	0.29	0.2	<1	<0.2	47.8	<0.05	0.06	<0.2	<0.005	0.02	0.7
N814572		16.3	95.0	<0.002	0.01	3.31	9.4	<1	2.3	386	0.67	0.11	11.4	0.254	1.14	2.9
N814573		13.8	79.1	<0.002	0.01	4.10	9.5	<1	2.8	340	0.68	0.08	10.5	0.268	1.13	2.7
N814574		16.5	89.4	<0.002	0.01	4.32	9.9	1	2.4	345	0.75	0.12	11.2	0.272	1.08	2.5
N814575		17.8	84.0	<0.002	0.01	4.16	9.7	1	3.0	371	0.65	<0.05	11.2	0.262	1.08	2.9
N814576		23.9	108.0	<0.002	0.05	13.70	9.4	1	2.5	173.5	0.71	0.06	11.5	0.273	1.38	2.8
N814577		38.0	65.5	<0.002	0.03	26.0	8.0	<1	3.3	195.5	0.57	<0.05	9.3	0.226	1.14	2.8
N814578		1110	108.0	<0.002	0.33	56.1	8.4	<1	2.0	245	0.67	<0.05	11.2	0.226	1.63	3.8
N814579		3.1	2.3	<0.002	<0.01	0.33	0.4	<1	<0.2	36.7	<0.05	0.11	0.2	<0.005	0.02	0.4
N814580		24.9	115.0	<0.002	0.11	22.0	9.1	1	2.2	252	0.68	<0.05	10.7	0.252	1.63	2.9
N814581		18.0	97.7	<0.002	0.03	12.10	8.7	1	2.1	233	0.68	<0.05	11.7	0.240	1.26	2.5
N814582		17.1	101.5	<0.002	0.01	1.88	8.3	<1	1.9	365	0.63	0.06	11.3	0.242	1.17	3.0
N814583		17.8	106.5	<0.002	0.01	1.93	8.8	1	2.0	364	0.62	0.09	11.8	0.262	1.31	2.8
N814584		18.1	104.5	<0.002	0.02	1.73	9.0	<1	2.2	345	0.64	0.06	11.4	0.248	1.30	2.5
N814585		1345	155.0	<0.002	3.11	31.8	7.9	1	5.4	145.0	0.57	1.10	10.8	0.205	2.46	4.8
N814586		18.4	105.0	<0.002	0.02	2.38	9.9	1	2.5	360	0.71	<0.05	12.5	0.264	1.41	2.9
N814587		16.6	105.5	<0.002	0.04	3.03	10.0	1	2.3	365	0.71	<0.05	12.0	0.267	1.40	2.7
N814588		74.2	125.5	<0.002	0.10	15.95	10.1	1	2.6	268	0.68	0.06	12.9	0.263	1.86	3.1
N814589		17.8	142.0	0.002	0.08	18.30	10.4	1	3.9	102.0	0.70	<0.05	15.3	0.256	1.80	5.3
N814590		32.7	155.0	<0.002	0.09	16.60	11.1	1	2.3	100.5	0.76	<0.05	16.5	0.282	2.01	5.7
N814591		35.2	151.5	<0.002	0.09	15.75	10.5	<1	2.3	96.4	0.77	<0.05	16.1	0.269	2.11	5.8
N814592		15.6	148.5	<0.002	0.04	7.00	10.0	1	2.6	210	0.72	<0.05	12.6	0.247	1.97	3.6
N814593		17.2	118.0	<0.002	0.01	3.36	9.7	1	2.4	299	0.77	<0.05	12.4	0.262	1.41	2.4
N814594		18.5	103.5	<0.002	0.02	2.44	9.8	1	2.3	369	0.76	<0.05	12.5	0.256	1.36	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193443

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N814560		68	2.6	15.8	45	35.1	<1
N814561		65	2.6	15.6	57	37.1	<1
N814562		67	2.3	16.0	44	39.9	<1
N814563		61	5.0	11.6	3090	37.3	10
N814564		80	1.9	16.8	100	31.9	<1
N814565		70	2.1	15.2	98	31.8	1
N814566		72	1.9	15.4	70	31.1	<1
N814567		71	2.0	15.3	63	31.2	<1
N814568		72	2.4	16.3	43	37.2	<1
N814569		77	3.0	17.2	54	42.4	<1
N814570		62	2.2	14.0	585	32.6	30
N814571		2	0.1	0.9	14	<0.5	<1
N814572		69	0.9	16.2	44	34.8	<1
N814573		70	1.3	15.5	48	37.5	<1
N814574		77	1.4	17.1	43	37.4	<1
N814575		71	1.3	16.6	44	30.7	<1
N814576		73	2.6	15.6	49	33.2	<1
N814577		63	2.9	14.5	63	30.3	<1
N814578		62	1.4	14.6	89	35.6	2
N814579		2	0.1	0.9	13	<0.5	<1
N814580		69	2.3	14.9	58	36.1	<1
N814581		65	1.9	15.5	44	39.2	<1
N814582		64	1.8	15.0	44	35.2	<1
N814583		69	2.2	15.9	46	36.4	<1
N814584		67	2.4	15.7	69	33.4	<1
N814585		57	4.9	11.1	2940	36.8	10
N814586		70	2.5	16.0	46	37.3	<1
N814587		71	1.6	16.0	46	38.1	<1
N814588		71	3.5	15.2	255	37.0	1
N814589		69	4.5	17.1	52	36.2	<1
N814590		75	5.8	17.7	60	40.5	<1
N814591		71	5.9	17.0	55	39.0	<1
N814592		67	4.3	15.4	46	38.6	<1
N814593		70	2.2	16.0	42	41.8	<1
N814594		68	2.1	16.0	49	43.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 107

Finalized Date: 4-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193443

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193444

Project: Klaza - 107

P.O. No.: Batch 2

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

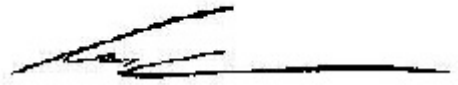
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193444

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814595		3.14	0.012	0.29	7.06	60.0	1990	1.57	0.42	1.92	0.28	41.2	6.2	7	19.40	24.3
N814596		3.60	<0.005	0.15	7.55	16.9	2580	1.37	0.62	1.32	0.12	47.6	8.5	9	24.4	12.4
N814597		2.54	0.076	2.26	5.76	159.0	1440	1.49	0.19	2.36	1.26	38.4	6.3	6	17.30	14.9
N814598		3.56	<0.005	0.27	6.81	29.7	1920	1.68	0.74	2.67	0.15	39.6	8.4	8	16.60	34.0
N814599		2.77	<0.005	0.15	6.16	12.3	1970	1.53	0.44	3.03	0.11	35.0	9.0	9	8.66	32.8
N814600		5.89	<0.005	0.31	6.81	8.6	2280	1.63	0.47	2.74	0.61	37.2	8.3	11	15.50	35.3
N814601		2.95	<0.005	0.10	6.21	9.4	2140	1.63	0.31	2.94	0.14	32.8	8.6	8	16.25	36.4
N814602		6.93	<0.005	0.18	6.81	9.1	2250	1.55	0.42	2.59	0.13	39.6	8.4	11	10.85	78.2
N814603		6.38	<0.005	0.09	6.97	3.5	2140	1.70	0.29	2.60	0.08	44.5	7.6	10	9.52	22.1
N814604		2.74	<0.005	0.14	6.84	35.1	1950	1.65	0.17	2.31	0.47	41.4	7.4	9	14.50	20.4
N814605		6.29	<0.005	0.53	7.36	14.2	2110	1.46	0.51	2.00	0.15	43.5	8.9	12	13.25	296
N814606		<0.02	<0.005	0.51	7.27	14.2	2140	1.65	0.57	2.00	0.13	43.9	8.9	9	13.55	268
N814607		2.35	0.009	0.98	6.19	92.4	2980	1.68	0.38	2.43	1.07	42.7	9.1	9	17.90	165.5
N814608		3.20	<0.005	0.33	6.86	74.2	2520	1.59	0.36	2.49	0.32	41.9	9.9	8	16.75	91.8
N814609		3.84	<0.005	0.17	7.29	22.7	2460	1.47	0.43	1.75	0.11	43.4	6.1	8	22.6	98.2
N814610		0.29	2.25	25.7	5.89	3330	1410	1.42	19.70	2.29	77.6	40.9	12.0	19	14.70	457
N814611		8.09	<0.005	0.25	7.42	14.0	2380	1.58	0.46	1.87	0.25	44.1	8.1	8	16.05	73.3
N814612		4.83	<0.005	0.12	7.18	15.8	2640	1.57	0.43	2.52	0.15	36.5	9.8	9	20.3	38.1
N814613		5.90	<0.005	0.15	7.02	11.9	2720	1.67	0.37	2.94	0.13	37.6	9.6	11	22.1	42.2
N814614		2.30	<0.005	0.10	6.83	43.0	1140	1.66	0.08	4.36	0.21	57.9	12.1	40	28.1	15.0
N814615		1.06	<0.005	0.17	7.32	54.2	1110	1.83	0.09	4.30	0.28	64.6	13.7	43	30.3	24.2
N814616		4.32	<0.005	0.22	6.82	12.2	2050	1.97	0.40	2.79	0.27	38.2	8.4	8	27.6	37.6
N814617		7.84	<0.005	0.24	7.22	7.9	2360	1.81	0.43	2.48	0.29	41.3	7.7	10	11.60	81.8
N814618		2.71	0.011	0.56	6.76	70.9	1960	1.72	1.69	2.80	0.11	38.8	8.3	9	15.20	273
N814619		4.22	<0.005	0.30	7.11	11.2	2440	1.86	1.00	2.71	0.11	41.8	6.7	10	14.75	107.5
N814620		7.44	<0.005	0.19	7.23	11.8	2390	1.67	0.39	2.53	0.17	45.1	8.1	10	9.51	45.7
N814621		0.30	4.68	>100	5.41	8230	220	1.25	58.6	2.07	233	30.5	10.0	19	11.40	1360
N814622		4.27	<0.005	0.07	7.34	5.4	2220	1.53	0.93	2.46	0.16	50.9	6.7	9	12.20	34.2
N814623		3.28	<0.005	0.14	7.69	16.9	2250	1.51	0.43	3.43	0.13	50.3	6.5	7	11.50	26.5
N814624		3.31	<0.005	0.12	7.59	5.8	2300	1.47	0.36	2.46	0.12	46.2	6.3	7	11.65	40.3
N814625		2.40	0.373	11.70	6.68	573	1680	1.29	0.27	3.37	1.80	49.2	6.0	4	19.50	50.2
N814626		2.92	<0.005	0.04	0.07	<5	40	0.07	0.02	21.4	0.07	1.19	1.2	<1	0.22	2.0
N814627		4.98	<0.005	0.18	6.68	9.7	2330	1.40	0.34	2.73	0.13	37.8	6.5	10	14.10	24.2
N814628		4.16	0.026	0.95	5.90	19.0	2680	1.53	1.09	1.88	0.25	35.7	5.8	9	9.55	578
N814629		2.54	4.64	>100	5.91	7950	450	1.34	0.49	2.05	71.5	38.9	7.2	8	11.50	209
N814630		3.03	<0.005	0.12	0.07	<5	30	0.06	0.03	21.5	0.09	1.22	1.1	<1	0.14	2.8
N814631		2.82	0.026	1.31	6.76	70.5	1490	1.44	0.27	2.77	4.00	42.2	6.2	10	11.90	20.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193444

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814595		3.19	17.60	0.19	1.3	0.078	3.42	21.1	29.5	0.57	1590	1.60	0.66	7.9	2.6	600
N814596		3.00	18.70	0.17	1.2	0.051	3.04	25.7	47.2	0.74	937	1.07	0.29	8.5	2.8	660
N814597		2.00	12.40	0.12	1.0	0.027	1.82	21.1	107.0	0.79	2520	4.19	0.03	6.2	2.0	440
N814598		2.82	17.25	0.17	1.5	0.037	3.13	18.4	28.3	0.63	1380	1.51	1.38	8.7	2.6	570
N814599		2.52	16.45	0.18	1.3	0.049	2.92	16.7	15.3	0.59	651	2.49	1.53	8.2	2.1	530
N814600		2.96	17.45	0.19	1.4	0.040	2.83	17.2	15.3	0.72	739	1.13	2.21	8.7	2.6	600
N814601		3.00	16.75	0.18	1.4	0.042	2.62	15.1	25.4	0.75	715	1.15	1.68	8.5	2.4	570
N814602		2.96	17.00	0.19	1.5	0.046	2.73	18.5	17.1	0.78	616	1.30	2.30	8.4	2.6	600
N814603		2.90	17.25	0.19	1.6	0.042	2.72	21.5	14.2	0.79	626	2.07	2.36	8.9	2.5	580
N814604		2.73	17.25	0.20	1.4	0.049	2.96	19.9	28.1	0.67	1010	1.12	1.46	8.6	2.6	570
N814605		2.98	17.40	0.18	1.3	0.131	3.00	21.7	41.3	0.72	642	2.30	1.47	8.5	2.8	600
N814606		2.93	17.70	0.19	1.3	0.128	3.00	21.6	40.0	0.72	640	2.10	1.48	8.7	2.5	610
N814607		2.56	14.65	0.18	1.1	0.073	2.29	23.6	102.0	0.83	2100	1.24	0.04	6.8	2.9	460
N814608		2.73	16.55	0.16	1.3	0.053	2.45	21.2	116.0	0.83	1640	1.08	0.05	8.2	2.8	560
N814609		2.68	17.45	0.17	1.3	0.048	3.18	22.2	65.6	0.63	806	1.11	0.22	8.2	2.1	560
N814610		6.67	15.25	0.20	0.9	1.750	2.67	22.5	25.5	0.94	1940	13.60	0.04	6.4	17.2	450
N814611		2.76	18.00	0.19	1.6	0.050	3.03	22.4	29.3	0.59	563	1.44	1.04	8.9	2.5	580
N814612		2.94	17.50	0.18	1.6	0.047	3.17	17.3	28.4	0.69	785	0.92	1.38	8.7	2.4	600
N814613		3.09	18.10	0.18	1.2	0.040	2.74	17.4	23.8	0.80	650	1.11	2.31	8.5	3.1	630
N814614		3.23	18.40	0.19	3.9	0.038	1.78	29.5	147.0	1.48	721	1.02	0.15	10.9	17.9	1650
N814615		3.47	19.55	0.20	4.1	0.040	1.88	33.5	155.0	1.59	770	1.17	0.15	11.3	19.6	1730
N814616		3.07	17.90	0.19	1.3	0.057	2.88	18.0	31.0	0.60	701	1.56	1.31	9.1	2.8	600
N814617		3.21	18.00	0.20	1.3	0.059	2.93	19.6	17.9	0.81	693	1.20	2.04	8.7	2.9	630
N814618		3.29	17.70	0.18	1.1	0.184	3.25	18.8	24.0	0.86	1300	1.41	0.52	8.0	2.5	570
N814619		2.97	18.40	0.19	1.3	0.069	3.00	20.2	17.1	0.71	709	1.18	2.17	8.9	2.8	610
N814620		3.00	17.65	0.20	1.3	0.049	2.93	22.0	18.1	0.88	661	1.18	2.45	8.8	2.6	620
N814621		8.33	13.50	0.20	1.1	4.71	2.39	15.6	33.8	0.66	3210	14.65	0.09	5.6	14.6	470
N814622		2.84	17.35	0.15	1.3	0.048	2.63	26.8	17.9	0.77	579	2.58	2.28	8.2	3.0	590
N814623		2.94	16.40	0.15	1.3	0.063	3.13	26.1	14.2	0.67	1140	1.64	1.86	7.8	2.6	620
N814624		2.95	17.10	0.14	1.3	0.051	2.91	23.5	16.5	0.62	692	3.02	1.81	8.0	3.4	610
N814625		3.05	15.40	0.15	1.0	0.044	2.86	27.7	55.3	0.81	5950	1.93	0.20	6.8	2.6	530
N814626		0.49	0.27	0.09	<0.1	0.005	0.03	0.6	1.0	12.85	220	0.17	0.01	0.2	<0.2	170
N814627		2.89	16.40	0.12	1.2	0.063	2.82	18.0	17.7	0.72	684	1.69	2.11	8.0	2.3	580
N814628		3.32	17.55	0.23	1.3	0.108	3.32	16.4	18.0	0.62	940	3.06	0.84	8.9	2.7	590
N814629		4.17	15.90	0.16	1.0	0.122	2.65	21.1	32.4	0.61	19200	2.82	0.25	6.2	2.0	470
N814630		0.48	0.28	0.08	<0.1	0.005	0.03	0.6	0.9	12.90	224	0.13	0.01	0.3	<0.2	190
N814631		3.08	16.60	0.14	1.2	0.124	2.96	20.3	51.9	0.82	2790	3.56	0.06	8.1	2.5	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193444

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814595		22.3	159.0	<0.002	0.35	10.60	11.6	2	2.5	138.0	0.68	<0.05	12.0	0.263	2.10	4.3
N814596		15.9	141.0	<0.002	0.09	13.40	12.4	2	2.8	106.5	0.70	0.05	13.6	0.295	1.96	3.3
N814597		44.5	87.2	<0.002	0.59	35.5	8.3	1	1.8	127.5	0.54	<0.05	10.7	0.198	1.67	6.9
N814598		18.6	116.5	<0.002	0.29	13.05	10.7	1	2.1	260	0.80	<0.05	10.9	0.260	1.76	3.8
N814599		14.8	109.5	<0.002	0.09	4.71	9.3	1	2.0	238	0.71	<0.05	9.6	0.242	1.53	2.7
N814600		90.8	100.0	<0.002	0.10	2.17	10.6	2	2.3	365	0.73	<0.05	10.3	0.269	1.27	3.0
N814601		17.0	84.9	<0.002	0.12	3.64	10.7	1	2.4	259	0.74	<0.05	9.6	0.263	1.37	3.5
N814602		19.1	96.5	<0.002	0.14	1.26	10.6	2	2.0	375	0.71	<0.05	10.8	0.262	1.21	3.7
N814603		16.4	99.8	<0.002	0.01	1.17	10.9	1	2.0	358	0.82	<0.05	12.1	0.263	1.14	3.7
N814604		25.8	118.5	<0.002	0.10	9.58	10.8	1	1.9	256	0.78	<0.05	11.4	0.250	1.49	3.2
N814605		16.9	116.5	<0.002	0.25	12.00	10.8	2	2.3	264	0.73	<0.05	12.4	0.273	1.42	4.1
N814606		17.4	114.0	<0.002	0.24	11.05	11.3	2	2.4	264	0.77	<0.05	12.2	0.275	1.42	4.0
N814607		36.5	118.5	<0.002	0.63	106.0	9.7	2	1.8	141.5	0.58	<0.05	12.0	0.211	1.87	6.2
N814608		20.8	95.8	<0.002	0.34	49.5	10.8	2	1.9	168.5	0.70	<0.05	12.2	0.251	2.02	6.9
N814609		14.6	127.0	<0.002	0.11	24.8	11.1	2	1.9	115.0	0.71	<0.05	12.9	0.254	1.81	2.7
N814610		2840	166.5	<0.002	4.95	89.0	9.1	2	7.7	94.5	0.52	0.43	10.9	0.184	2.40	5.1
N814611		22.6	116.5	<0.002	0.07	12.25	11.2	2	2.0	189.5	0.78	<0.05	13.3	0.263	1.34	3.3
N814612		16.9	109.5	<0.002	0.14	10.00	10.7	2	1.8	266	0.77	0.06	10.6	0.270	1.60	3.9
N814613		16.8	94.0	<0.002	0.12	2.09	11.7	2	1.9	429	0.66	<0.05	8.8	0.288	1.24	2.7
N814614		16.6	45.2	<0.002	0.03	14.35	8.7	2	1.1	925	0.67	<0.05	6.6	0.433	1.10	2.9
N814615		16.2	56.2	<0.002	0.04	17.95	9.3	2	1.3	981	0.69	<0.05	7.1	0.448	1.14	3.2
N814616		27.6	108.0	<0.002	0.07	10.20	11.3	2	2.1	251	0.75	0.07	11.8	0.273	1.52	4.0
N814617		27.8	101.0	<0.002	0.03	4.15	11.1	2	2.0	357	0.76	0.05	11.3	0.275	1.33	2.9
N814618		15.8	120.5	<0.002	0.19	33.3	10.3	2	13.0	161.5	0.67	0.15	11.2	0.254	2.19	5.8
N814619		18.5	109.5	<0.002	0.03	7.35	11.6	2	3.2	336	0.74	0.18	12.1	0.273	1.49	4.0
N814620		19.1	105.0	<0.002	0.01	2.43	11.2	2	2.0	405	0.77	<0.05	12.6	0.274	1.22	3.5
N814621		9980	128.0	0.002	7.46	231	7.9	3	8.1	121.0	0.47	0.46	8.5	0.194	2.14	4.9
N814622		20.6	118.0	<0.002	0.01	1.76	11.5	1	2.2	385	0.68	<0.05	13.6	0.244	1.10	4.4
N814623		19.2	134.0	<0.002	0.11	4.51	10.6	1	2.5	314	0.70	<0.05	14.5	0.261	1.43	6.4
N814624		21.8	114.5	<0.002	0.02	7.45	10.6	1	2.7	319	0.69	<0.05	13.2	0.259	1.18	3.8
N814625		140.0	141.0	<0.002	0.98	81.3	9.8	1	3.9	133.5	0.58	<0.05	14.3	0.224	1.85	5.2
N814626		1.5	1.4	<0.002	<0.01	0.20	0.2	1	<0.2	50.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N814627		19.0	89.2	<0.002	0.02	4.94	9.1	1	2.7	352	0.69	<0.05	10.4	0.261	1.27	2.9
N814628		18.3	110.0	<0.002	0.10	61.4	10.4	1	3.0	156.5	0.76	<0.05	10.3	0.259	1.93	3.8
N814629		2880	130.5	<0.002	2.45	1875	8.5	1	14.7	122.0	0.53	<0.05	11.0	0.205	2.14	3.2
N814630		3.0	1.3	<0.002	<0.01	1.40	0.2	1	<0.2	49.3	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N814631		117.5	101.5	<0.002	0.40	34.2	10.4	1	2.8	139.0	0.66	<0.05	12.0	0.270	2.14	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193444

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814595		71	3.3	16.3	62	36.3	<1	
N814596		77	3.2	18.0	53	32.5	<1	
N814597		51	4.7	11.5	112	31.2	2	
N814598		70	2.6	14.6	47	42.2	<1	
N814599		65	3.2	12.7	40	38.9	<1	
N814600		70	2.4	14.3	107	40.7	<1	
N814601		74	3.7	14.1	49	43.0	<1	
N814602		70	8.3	14.7	49	43.3	<1	
N814603		71	17.6	16.1	48	45.4	<1	
N814604		67	1.9	14.6	67	41.3	<1	
N814605		72	8.5	14.7	53	37.7	<1	
N814606		71	9.3	15.0	50	38.9	<1	
N814607		59	6.8	14.0	89	32.1	<1	
N814608		67	6.4	14.5	61	41.2	<1	
N814609		66	6.7	15.0	45	40.3	<1	
N814610		58	5.4	10.2	5570	29.2	26	
N814611		68	7.5	15.4	56	53.1	<1	
N814612		71	3.0	13.6	56	46.6	<1	
N814613		78	4.7	14.4	53	35.1	<1	
N814614		89	0.9	11.7	93	172.5	<1	
N814615		96	0.8	12.7	106	180.5	<1	
N814616		72	3.8	15.0	67	37.1	<1	
N814617		74	2.5	14.3	73	35.6	<1	
N814618		70	6.0	13.2	74	31.2	<1	
N814619		73	2.9	14.8	56	36.4	<1	
N814620		73	2.4	16.2	52	37.3	<1	
N814621		56	4.6	8.6	>10000	34.0	125	1.655
N814622		67	1.6	18.3	48	34.0	<1	
N814623		70	1.7	17.8	58	33.0	<1	
N814624		70	1.5	16.4	55	33.4	<1	
N814625		62	2.8	18.5	388	28.9	12	
N814626		2	0.1	0.8	17	<0.5	<1	
N814627		70	3.3	13.2	52	34.7	<1	
N814628		73	3.4	12.9	69	37.4	<1	
N814629		55	3.8	9.6	5730	26.8	191	
N814630		3	0.1	0.8	18	<0.5	<1	
N814631		74	4.7	14.3	303	33.8	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 107

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193444

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193445

Project: Klaza - 107

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

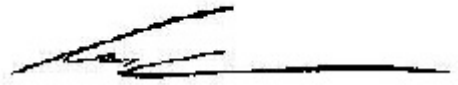
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193445

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814632		3.23	0.372	14.15	7.17	2140	480	1.73	0.23	2.37	60.4	42.9	5.1	11	15.25	68.2
N814633		4.75	<0.005	0.39	6.99	8.3	2560	1.69	0.78	2.73	0.29	41.4	6.3	13	20.1	17.0
N814634		0.26	2.17	28.7	6.16	2870	1500	1.52	20.5	2.28	83.0	45.5	10.8	19	15.80	462
N814635		7.65	<0.005	0.48	7.24	9.8	2410	1.57	0.54	2.79	0.26	41.6	6.7	16	17.20	9.3
N814636		5.19	0.053	0.54	6.95	102.5	1660	1.67	0.23	3.19	0.49	39.8	7.0	14	16.95	32.5
N814637		2.59	1.175	3.61	7.24	581	2550	1.73	0.20	3.13	3.07	42.2	6.6	10	19.25	58.8
N814638		3.12	<0.005	0.13	0.07	<5	20	<0.05	0.02	21.6	0.06	1.06	0.7	<1	0.18	1.5
N814639		3.19	<0.005	0.26	8.27	15.4	2310	1.47	0.25	1.92	0.12	49.2	6.4	14	19.00	137.5
N814640		3.56	0.340	0.34	7.46	231	1800	1.67	0.23	2.43	0.17	49.2	6.4	12	15.35	17.7
N814641		2.73	0.355	2.74	8.19	28.6	2030	1.34	3.18	1.44	0.19	55.0	7.2	15	15.45	1550
N814642		3.33	<0.005	0.22	7.55	18.7	2510	1.77	0.37	2.00	0.06	48.7	20.0	15	15.10	10.9
N814643		3.37	<0.005	0.65	7.72	8.9	2280	1.88	0.59	2.23	0.12	47.7	6.9	18	13.70	108.5
N814644		<0.02	<0.005	0.49	7.48	9.0	2240	1.82	0.54	2.13	0.10	51.8	6.9	11	14.15	64.3
N814645		2.69	0.419	18.05	6.45	1315	660	1.35	2.59	2.76	31.0	46.2	18.4	14	11.70	275
N814646		4.99	<0.005	0.44	7.28	6.6	2200	1.76	0.37	2.60	0.14	42.5	6.6	12	17.00	72.6
N814647		4.04	<0.005	0.29	7.13	8.6	2510	1.62	0.38	2.76	0.60	40.9	6.7	14	17.00	31.7
N814648		5.40	<0.005	0.18	7.07	7.8	2430	1.74	0.43	2.61	0.10	41.6	7.7	11	16.70	14.0
N814649		4.57	<0.005	0.12	6.57	7.1	2570	1.77	0.35	3.06	0.15	37.1	6.9	14	27.7	12.6
N814650		2.45	0.103	3.64	6.95	509	2200	1.65	0.47	2.13	5.78	45.1	10.4	8	24.1	20.0
N814651		3.23	0.127	0.35	6.76	5.1	2190	1.66	0.67	2.49	0.10	39.8	6.1	13	18.10	17.6
N814652		1.72	<0.005	0.18	6.75	6.0	2240	1.71	0.34	2.65	0.10	38.0	6.7	9	19.30	13.0
N814653		2.23	<0.005	0.20	7.18	12.8	2360	1.54	0.64	2.39	0.10	41.3	10.6	10	21.2	21.4
N814654		5.11	0.005	0.13	7.21	30.8	2380	1.46	0.45	2.72	0.13	41.7	9.1	13	12.25	15.0
N814655		0.26	0.758	11.35	6.89	1530	1230	1.67	6.48	1.99	43.1	44.2	16.1	20	17.45	113.5
N814656		6.96	<0.005	0.61	6.98	16.1	2450	1.60	0.42	2.57	1.77	39.1	12.7	11	14.75	18.0
N814657		4.84	<0.005	0.17	6.18	6.4	2000	1.66	0.18	3.45	0.12	31.9	7.0	12	18.30	77.0
N814658		3.88	0.006	0.23	7.14	7.6	2280	1.78	0.32	2.68	0.18	42.0	6.3	10	14.45	16.2
N814659		2.63	0.006	0.40	6.37	10.6	2150	1.41	0.47	2.91	0.40	34.5	6.0	12	13.35	30.3
N814660		2.77	<0.005	0.02	0.06	<5	20	0.05	0.03	20.8	0.06	1.54	0.6	<1	0.15	1.7
N814661		2.58	<0.005	0.16	6.36	9.9	1290	1.19	0.31	2.80	0.13	37.2	6.6	13	12.10	11.9
N814662		6.60	<0.005	0.16	6.77	4.2	2460	1.45	0.20	2.57	0.20	41.1	7.0	10	16.25	16.3
N814663		2.55	0.036	2.03	5.88	12.7	1900	1.44	0.33	2.78	1.43	32.0	6.7	12	14.25	197.0
N814664		7.85	<0.005	0.36	6.79	7.2	2330	1.64	0.23	2.61	0.60	43.7	6.9	13	14.35	27.4
N814665		5.54	<0.005	0.17	6.77	8.0	2320	1.41	0.26	2.96	0.13	38.3	7.5	19	16.60	14.1
N814666		6.59	<0.005	0.21	7.49	5.9	2440	1.34	0.29	2.54	0.15	48.7	6.6	12	10.90	13.2
N814667		2.71	0.092	2.28	7.15	22.9	2160	1.50	0.30	3.01	19.30	41.3	6.0	22	14.75	215

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193445

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814632		3.98	17.35	0.09	1.1	0.185	3.44	23.6	26.1	0.70	5500	8.18	0.11	6.4	2.5	480
N814633		2.93	16.60	0.09	1.2	0.051	3.13	20.3	11.8	0.71	787	3.21	2.04	7.2	2.6	600
N814634		6.64	15.45	0.09	1.0	1.830	2.77	24.6	25.2	0.93	1970	14.00	0.04	5.8	16.7	470
N814635		2.97	16.70	0.08	1.2	0.052	3.02	21.1	23.9	0.76	729	2.29	2.01	7.7	2.5	620
N814636		2.94	17.20	0.09	1.3	0.063	2.92	17.9	46.0	0.84	1460	1.93	0.92	7.9	2.8	620
N814637		2.69	17.00	0.08	1.2	0.048	2.10	20.7	76.9	0.91	3230	2.20	0.04	7.5	2.6	580
N814638		0.49	0.22	0.13	<0.1	<0.005	0.03	0.5	1.2	13.05	229	0.20	0.01	0.1	1.9	200
N814639		3.70	18.70	0.11	1.3	0.097	3.38	26.0	30.4	0.77	1400	1.56	0.27	7.9	2.7	690
N814640		3.15	17.90	0.10	1.3	0.053	3.00	23.4	17.6	0.65	2710	1.61	1.44	7.8	2.6	650
N814641		3.90	19.60	0.11	1.2	0.316	3.40	30.1	28.6	0.73	1200	1.51	0.46	7.8	2.8	610
N814642		3.38	17.30	0.10	1.3	0.138	3.03	25.4	18.1	0.76	707	1.50	1.68	7.8	2.8	630
N814643		3.41	17.20	0.09	1.4	0.090	3.50	25.0	16.7	0.79	610	1.86	2.00	8.3	2.8	650
N814644		3.33	18.10	0.09	1.4	0.093	3.36	26.5	17.9	0.79	591	1.41	1.93	8.8	2.7	640
N814645		4.43	15.10	0.10	1.1	0.189	3.27	25.4	27.8	0.84	5180	2.10	0.04	6.0	2.7	500
N814646		2.79	16.75	0.09	1.4	0.054	2.98	22.1	15.0	0.69	674	2.14	2.21	7.9	2.6	600
N814647		2.97	17.10	0.09	1.4	0.061	3.05	20.7	17.9	0.75	821	1.79	1.64	7.7	2.6	600
N814648		2.90	16.80	0.10	1.5	0.053	2.94	19.9	20.6	0.73	662	1.75	1.91	7.9	2.5	590
N814649		3.07	16.40	0.10	1.3	0.064	2.95	17.4	68.1	0.84	835	1.51	1.09	7.3	2.6	600
N814650		3.02	17.05	0.08	1.2	0.071	3.15	22.1	121.5	0.70	2160	2.41	0.12	7.5	2.8	600
N814651		2.66	16.35	0.11	1.2	0.047	2.71	20.1	17.8	0.69	578	1.48	2.06	7.2	2.5	570
N814652		2.78	16.90	0.10	1.2	0.049	2.76	19.1	18.4	0.72	619	1.36	2.08	7.5	2.6	590
N814653		3.29	16.80	0.09	1.2	0.084	3.35	21.0	40.1	0.73	800	1.46	1.13	7.6	2.4	590
N814654		3.27	17.05	0.09	1.2	0.068	2.85	20.5	15.0	0.76	809	1.48	2.07	7.6	2.6	610
N814655		5.27	16.25	0.08	1.5	0.952	2.98	23.3	26.1	0.72	2110	12.65	0.28	7.2	16.0	530
N814656		3.08	16.70	0.07	1.3	0.104	2.97	19.9	13.8	0.69	994	1.28	1.83	7.5	2.5	620
N814657		2.92	16.25	0.08	1.3	0.039	2.48	15.3	21.4	0.80	865	1.24	1.73	7.6	2.6	600
N814658		2.90	16.80	0.08	1.5	0.056	2.90	20.8	17.3	0.71	710	1.27	2.25	7.9	2.5	610
N814659		2.85	15.90	0.08	1.4	0.064	2.96	17.4	17.6	0.72	913	1.38	1.58	7.6	2.9	550
N814660		0.45	0.21	0.09	<0.1	0.005	0.02	0.8	1.1	12.55	198	0.26	0.01	0.2	1.7	310
N814661		2.51	15.90	0.10	1.4	0.044	2.56	17.8	38.4	0.86	835	1.54	0.44	7.8	2.5	550
N814662		2.82	16.95	0.13	1.5	0.048	2.68	20.3	17.9	0.69	662	1.86	2.25	8.3	2.7	610
N814663		2.83	15.55	0.09	1.3	0.086	2.71	16.5	14.8	0.68	1140	1.95	1.58	7.4	2.7	520
N814664		2.73	17.10	0.09	1.4	0.042	2.79	24.5	20.1	0.66	713	2.34	2.14	8.6	2.7	600
N814665		2.91	16.60	0.10	2.0	0.042	2.53	19.0	31.5	0.89	661	2.03	2.10	8.6	5.6	820
N814666		2.92	16.00	0.10	1.2	0.037	2.82	26.0	18.9	0.85	688	2.24	2.46	7.7	2.5	610
N814667		3.24	16.95	0.08	1.3	0.211	2.91	21.2	24.7	0.83	1080	3.26	1.93	8.4	2.8	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193445

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814632		1115	151.0	<0.002	2.51	92.8	9.4	1	4.6	104.0	0.56	<0.05	12.9	0.229	3.00	5.7
N814633		31.3	102.5	0.002	0.04	3.50	9.8	2	2.2	364	0.64	<0.05	11.7	0.259	1.68	3.5
N814634		3040	164.5	0.002	5.03	97.7	9.0	1	9.1	99.9	0.52	0.45	11.9	0.192	2.67	5.7
N814635		25.4	95.4	<0.002	0.02	5.64	10.2	1	2.2	362	0.68	<0.05	11.7	0.273	1.43	3.3
N814636		24.0	89.8	<0.002	0.21	36.3	10.4	1	4.5	246	0.67	<0.05	10.2	0.270	1.82	4.1
N814637		66.0	65.2	<0.002	0.93	80.6	9.6	1	8.7	252	0.64	<0.05	12.2	0.268	2.19	4.4
N814638		1.5	1.2	<0.002	<0.01	0.19	0.2	<1	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	0.05	1.0
N814639		16.9	121.0	<0.002	0.13	14.40	12.4	<1	5.1	121.5	0.69	<0.05	14.8	0.292	2.04	5.9
N814640		21.2	100.5	<0.002	0.56	20.9	11.5	<1	2.7	288	0.67	<0.05	13.4	0.285	1.71	3.1
N814641		18.7	150.5	<0.002	0.23	36.3	11.9	1	3.9	117.0	0.66	<0.05	18.2	0.269	2.04	4.7
N814642		16.7	116.5	<0.002	0.15	5.57	10.8	1	10.0	283	0.70	<0.05	16.9	0.272	1.66	3.8
N814643		20.4	134.5	<0.002	0.04	7.77	10.8	1	2.8	324	0.77	<0.05	14.9	0.300	1.70	3.9
N814644		19.8	137.0	<0.002	0.03	7.57	11.4	1	3.0	315	0.77	<0.05	15.4	0.289	1.59	3.9
N814645		1255	183.0	<0.002	3.01	190.0	9.1	1	5.3	78.0	0.58	<0.05	14.1	0.214	2.56	6.8
N814646		20.6	110.0	<0.002	0.03	5.81	9.8	<1	2.1	368	0.75	<0.05	13.6	0.258	1.51	3.8
N814647		57.0	108.5	<0.002	0.07	7.82	9.6	1	2.1	302	0.74	<0.05	12.5	0.268	1.61	3.4
N814648		20.8	105.0	<0.002	0.07	5.21	10.2	1	2.0	335	0.76	<0.05	12.5	0.260	1.56	3.6
N814649		20.2	107.0	<0.002	0.04	13.40	9.6	1	2.0	282	0.68	<0.05	10.7	0.251	1.73	3.4
N814650		278	130.0	<0.002	0.59	44.0	10.6	1	2.9	157.0	0.67	<0.05	12.2	0.252	2.06	5.2
N814651		20.6	106.0	<0.002	0.01	3.55	9.8	1	2.0	359	0.61	<0.05	11.5	0.251	1.36	3.1
N814652		19.9	103.0	<0.002	0.01	3.72	9.9	1	2.2	372	0.64	<0.05	10.5	0.257	1.30	2.8
N814653		16.6	133.5	0.002	0.09	8.44	10.1	1	2.5	249	0.65	<0.05	11.9	0.260	1.82	3.1
N814654		23.5	104.0	<0.002	0.39	3.96	10.2	1	2.3	358	0.65	<0.05	11.7	0.270	1.39	3.1
N814655		1475	160.0	0.002	3.26	36.4	9.4	1	6.3	155.5	0.65	0.34	12.3	0.220	2.67	5.3
N814656		212	109.5	<0.002	0.17	5.80	10.1	1	2.2	315	0.69	<0.05	11.9	0.264	1.70	3.4
N814657		32.3	74.8	<0.002	0.02	5.71	9.6	<1	10.9	328	0.68	<0.05	9.6	0.265	1.30	3.5
N814658		134.5	103.5	<0.002	0.06	2.72	9.8	1	2.0	376	0.74	<0.05	11.8	0.265	1.40	3.6
N814659		312	113.0	<0.002	0.12	5.99	8.8	1	1.7	287	0.72	<0.05	10.9	0.240	1.54	3.6
N814660		1.7	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	45.1	<0.05	<0.05	0.2	<0.005	0.03	0.7
N814661		23.3	84.0	<0.002	0.14	11.70	8.8	1	1.8	145.0	0.75	<0.05	10.8	0.246	1.49	4.3
N814662		28.8	100.5	<0.002	0.02	2.88	10.5	1	1.9	382	0.81	<0.05	12.0	0.264	1.22	3.7
N814663		343	102.5	<0.002	0.20	11.25	8.7	1	1.7	261	0.71	<0.05	9.7	0.227	1.59	3.5
N814664		70.0	113.5	<0.002	0.04	3.63	10.2	1	1.9	353	0.77	<0.05	12.8	0.260	1.30	3.7
N814665		27.5	87.4	<0.002	0.01	1.88	9.1	1	1.8	452	0.76	<0.05	10.0	0.293	1.24	3.0
N814666		28.9	114.5	<0.002	0.01	1.74	10.4	1	1.9	436	0.68	<0.05	14.4	0.267	1.28	3.9
N814667		754	113.5	<0.002	0.39	20.5	10.8	1	2.1	339	0.70	<0.05	11.5	0.290	1.58	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193445

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814632		62	5.6	12.3	3650	27.9	13
N814633		69	2.1	14.5	66	31.1	<1
N814634		59	5.6	10.7	5780	26.5	26
N814635		74	2.0	15.8	60	31.0	<1
N814636		76	3.7	15.6	73	33.4	1
N814637		70	5.8	14.5	247	31.4	3
N814638		1	0.1	0.8	15	<0.5	<1
N814639		82	4.5	18.2	65	31.0	<1
N814640		77	2.7	15.7	55	31.1	<1
N814641		73	6.1	16.3	67	29.5	2
N814642		73	3.2	16.0	51	31.8	<1
N814643		80	3.0	15.6	54	32.0	<1
N814644		77	3.0	16.6	50	33.7	<1
N814645		59	7.0	13.1	2590	25.9	17
N814646		69	4.4	15.6	50	34.4	<1
N814647		71	2.9	15.7	101	33.6	<1
N814648		70	3.5	15.1	47	34.9	<1
N814649		68	3.3	14.6	51	33.0	<1
N814650		70	3.1	15.6	408	31.8	2
N814651		65	0.8	14.6	43	29.5	<1
N814652		69	0.8	15.1	45	31.6	<1
N814653		69	7.2	14.7	46	29.8	<1
N814654		73	3.4	15.6	50	31.8	<1
N814655		60	5.4	11.9	3200	40.3	10
N814656		72	2.7	14.8	223	34.7	<1
N814657		72	2.0	14.2	55	33.4	<1
N814658		71	4.4	15.3	58	36.0	<1
N814659		64	3.2	14.1	83	36.1	<1
N814660		1	0.1	0.9	16	<0.5	<1
N814661		65	2.6	14.7	50	36.2	<1
N814662		72	3.1	16.4	59	37.1	<1
N814663		61	4.1	15.3	194	33.2	1
N814664		70	3.9	16.7	103	39.3	<1
N814665		72	1.9	14.7	62	67.4	<1
N814666		72	2.5	17.2	57	33.7	<1
N814667		79	2.4	16.6	2240	34.0	2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 107

Finalized Date: 3-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193445

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193446

Project: Klaza - 107

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

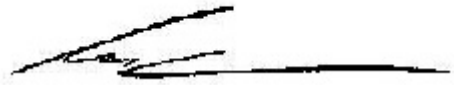
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193446

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814668		0.26	2.25	27.5	5.93	2820	1470	1.19	20.6	2.22	79.2	44.4	10.2	19	15.10	451
N814669		5.30	<0.005	0.51	6.91	6.1	2370	1.39	0.32	2.87	1.51	37.3	7.1	12	12.40	12.4
N814670		5.98	<0.005	0.66	7.44	8.2	2390	1.33	0.49	2.84	0.89	38.9	6.9	11	20.1	28.5
N814671		2.94	<0.005	0.77	6.37	23.2	5290	1.38	0.58	3.27	0.40	39.1	6.9	6	21.3	53.5
N814672		3.33	0.021	9.27	6.46	72.7	2190	1.24	0.57	2.90	1.45	37.7	6.0	7	17.25	145.5
N814673		2.85	<0.005	0.21	0.08	<5	40	0.05	0.04	21.9	0.06	1.32	0.6	<1	0.22	2.8
N814674		3.07	0.031	0.78	7.06	18.2	2400	1.52	0.84	2.51	0.28	43.3	6.4	9	17.80	172.5
N814675		3.97	0.005	0.59	6.58	21.7	2080	1.47	0.51	2.67	0.18	42.2	6.7	8	17.15	180.0
N814676		6.12	<0.005	0.46	6.92	7.3	2340	1.44	0.35	2.85	0.25	41.5	7.8	8	17.25	64.0
N814677		4.94	0.012	0.93	6.17	22.2	2050	1.47	0.31	2.67	6.59	40.8	7.1	8	16.70	43.7
N814678		4.29	0.007	0.41	6.87	27.2	2310	1.39	0.33	2.56	1.43	40.7	6.6	9	12.65	25.0
N814679		1.74	<0.005	0.21	6.94	25.7	2350	1.61	0.29	2.53	0.14	42.9	6.8	8	12.65	32.3
N814680		5.23	<0.005	0.16	7.02	4.5	2310	1.53	0.26	2.64	0.12	40.7	6.6	10	13.85	16.0
N814681		2.66	0.005	1.51	7.59	24.9	2210	1.61	0.30	2.34	3.92	43.2	7.1	9	14.60	39.0
N814682		3.42	<0.005	0.25	6.61	9.5	2220	1.40	0.34	3.13	0.14	34.6	6.8	7	14.45	17.3
N814683		2.36	0.368	14.45	6.82	599	2080	1.46	0.27	2.89	6.10	41.8	7.4	7	15.35	61.9
N814684		3.21	0.043	1.76	7.02	121.0	2650	1.42	0.25	2.22	0.58	45.9	6.1	7	22.9	35.0
N814685		5.00	0.008	0.30	6.84	17.1	2030	1.39	0.33	2.44	0.12	41.0	7.0	8	20.8	17.8
N814686		3.90	0.026	0.33	6.99	10.1	2110	1.56	0.20	2.68	0.13	38.8	7.2	8	16.10	85.2
N814687		<0.02	0.032	0.32	6.92	8.3	2130	1.54	0.20	2.75	0.13	36.2	7.0	9	15.65	88.5
N814688		3.43	<0.005	0.20	6.33	5.4	2240	1.40	0.23	2.85	0.21	35.2	5.9	8	14.75	28.0
N814689		2.33	0.409	8.62	5.85	271	1860	1.31	0.35	3.78	4.56	34.7	7.3	7	13.95	280
N814690		2.46	0.018	0.46	6.62	28.3	2170	1.52	0.26	2.66	0.16	38.7	7.1	9	15.75	28.2
N814691		3.43	0.238	0.41	6.65	179.0	2040	1.48	0.27	2.62	0.25	38.9	6.3	8	18.90	18.4
N814692		0.26	0.778	10.75	6.62	1505	1000	1.39	7.06	1.93	42.1	45.1	15.8	20	16.75	111.0
N814693		3.38	<0.005	0.17	7.03	12.0	1880	1.35	0.37	2.30	0.17	46.8	6.4	8	15.10	18.7
N814694		2.28	0.162	0.59	6.28	105.5	2090	1.40	0.39	3.36	0.24	39.5	7.1	7	16.65	20.4
N814695		3.12	<0.005	0.01	0.08	<5	30	0.06	0.02	21.2	0.07	1.38	1.6	<1	0.32	2.5
N814696		3.79	<0.005	0.18	6.50	11.9	2280	1.43	0.51	2.48	0.15	38.4	8.2	9	15.70	36.5
N814697		2.09	<0.005	0.26	6.65	29.6	2090	1.43	1.24	2.91	0.20	35.9	11.5	9	12.70	40.2
N814698		6.72	<0.005	0.16	6.42	8.9	2260	1.42	0.25	2.91	0.17	37.0	7.8	10	10.10	33.3
N814699		8.27	<0.005	0.15	6.93	5.3	2340	1.42	0.33	2.67	0.15	47.3	7.3	12	9.01	21.5
N814700		4.40	0.024	0.31	6.79	55.6	2290	1.36	1.41	2.49	0.18	41.9	11.7	9	12.35	65.9
N814701		3.22	2.13	4.94	6.07	2010	1390	1.35	0.25	2.95	0.97	41.1	7.8	6	18.85	86.8
N814702		2.65	0.057	1.74	6.28	107.5	1840	1.22	0.31	2.78	0.17	35.9	7.2	8	14.85	292
N814703		4.69	<0.005	0.27	6.40	16.9	2410	1.42	0.21	3.16	0.11	34.8	8.4	9	15.05	46.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193446

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814668		6.41	14.30	0.09	1.0	1.760	2.67	26.3	23.8	0.91	1940	13.00	0.04	5.9	15.8	460
N814669		3.01	16.25	0.08	1.3	0.066	2.65	18.4	20.9	0.79	722	3.20	2.39	7.9	2.8	650
N814670		2.99	16.50	0.08	1.1	0.058	2.83	19.5	22.4	0.74	796	2.25	2.08	7.7	2.7	650
N814671		2.62	15.40	0.09	1.2	0.053	2.61	20.6	165.5	1.02	1520	2.09	0.10	7.2	2.4	560
N814672		2.78	14.75	0.09	1.1	0.070	3.12	18.6	30.6	0.79	1950	1.87	0.98	6.9	2.4	560
N814673		0.49	0.25	0.11	<0.1	<0.005	0.03	0.7	1.7	13.05	215	0.17	0.01	0.2	1.8	190
N814674		2.84	17.25	0.12	1.2	0.078	3.17	22.1	25.8	0.67	923	2.39	1.61	8.1	2.7	590
N814675		2.60	16.50	0.11	1.5	0.059	3.15	21.6	34.4	0.70	680	1.89	1.41	8.3	2.4	530
N814676		2.87	16.85	0.11	1.2	0.069	2.64	20.2	18.8	0.77	740	3.13	2.03	8.0	2.6	630
N814677		2.57	16.70	0.10	1.1	0.115	2.68	19.2	95.1	0.80	1280	1.86	0.60	7.6	2.8	560
N814678		2.86	15.75	0.07	1.4	0.061	2.98	20.6	11.8	0.70	930	1.13	2.05	7.7	2.4	600
N814679		2.78	16.90	0.09	1.3	0.048	3.00	22.0	12.2	0.69	790	1.18	2.10	7.8	2.7	590
N814680		2.87	16.70	0.09	1.3	0.036	2.86	19.5	15.6	0.73	690	1.02	2.27	8.0	2.5	620
N814681		2.87	17.15	0.11	1.4	0.094	3.19	22.0	22.4	0.68	1080	1.16	1.39	8.2	2.8	610
N814682		3.00	15.90	0.08	1.3	0.039	2.81	16.6	21.9	0.89	1060	1.47	1.65	7.7	2.4	610
N814683		3.11	16.65	0.09	1.4	0.156	3.48	20.4	27.9	0.88	5210	1.44	0.68	8.1	2.7	640
N814684		2.63	16.35	0.09	1.3	0.044	3.09	22.3	86.5	0.74	2050	1.07	0.35	7.9	2.4	570
N814685		2.76	16.25	0.11	1.5	0.040	2.91	21.0	23.1	0.64	842	0.90	1.50	7.9	2.6	560
N814686		2.74	16.50	0.08	1.4	0.043	3.01	19.8	33.1	0.72	615	1.32	1.51	8.1	2.5	600
N814687		2.79	16.20	0.10	1.4	0.044	3.06	18.3	31.9	0.72	627	1.11	1.52	8.1	2.5	600
N814688		2.65	15.50	0.08	1.4	0.046	2.73	16.9	20.8	0.74	688	1.37	1.76	7.4	2.1	550
N814689		3.00	14.25	0.08	1.3	0.115	2.95	17.3	22.8	1.00	6020	2.09	0.95	6.9	2.8	500
N814690		2.74	16.55	0.09	1.3	0.047	3.13	19.3	18.1	0.68	1120	1.54	1.53	8.3	2.8	570
N814691		2.68	15.55	0.08	1.3	0.038	3.04	18.6	19.1	0.64	3000	1.97	1.49	7.5	2.4	560
N814692		5.19	15.55	0.11	1.4	0.965	2.90	24.1	26.2	0.71	2050	13.10	0.27	7.5	15.7	510
N814693		2.63	16.40	0.08	1.2	0.050	2.66	22.7	120.5	0.70	989	2.53	1.08	8.0	2.3	580
N814694		2.88	16.10	0.09	1.2	0.040	2.87	19.2	42.7	0.94	3260	2.67	0.93	7.6	2.7	570
N814695		0.53	0.31	0.09	<0.1	0.005	0.04	0.7	1.4	12.90	229	0.22	0.01	0.3	1.7	190
N814696		2.81	16.10	0.14	1.1	0.037	2.78	17.2	25.9	0.68	683	2.97	2.04	8.0	2.5	580
N814697		3.21	17.10	0.16	1.2	0.046	2.72	15.5	23.2	0.85	930	2.87	1.74	8.3	2.8	600
N814698		2.84	16.25	0.16	1.3	0.035	2.64	16.0	17.9	0.83	708	2.09	2.11	8.0	2.6	570
N814699		3.02	16.35	0.18	1.2	0.042	2.79	21.3	15.2	0.84	683	3.68	2.31	8.3	2.6	620
N814700		3.08	15.95	0.16	1.0	0.040	3.07	19.2	9.7	0.74	902	5.71	1.87	7.9	3.1	590
N814701		2.59	13.45	0.16	0.9	0.057	2.42	21.0	25.2	0.82	7740	5.92	0.04	6.3	2.4	490
N814702		2.60	15.00	0.17	1.1	0.066	3.07	16.4	34.3	0.66	1160	0.63	0.79	7.5	2.2	540
N814703		2.86	15.55	0.17	1.1	0.050	2.96	15.3	19.8	0.75	877	0.88	1.57	8.0	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193446

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814668		2950	175.0	<0.002	4.90	88.0	8.6	1	7.9	92.0	0.52	0.40	12.6	0.188	2.50	6.0
N814669		66.6	93.6	<0.002	0.02	1.95	9.6	1	2.0	417	0.70	<0.05	10.0	0.288	1.22	2.5
N814670		496	105.5	<0.002	0.05	6.11	10.4	1	2.1	380	0.71	<0.05	11.4	0.284	1.41	3.0
N814671		108.0	96.5	<0.002	0.28	42.1	9.8	1	2.0	240	0.62	<0.05	10.9	0.240	1.83	5.0
N814672		6000	129.0	<0.002	0.40	48.8	9.1	1	1.9	238	0.63	<0.05	11.2	0.243	2.09	3.7
N814673		9.9	1.6	<0.002	<0.01	0.20	0.2	<1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	0.04	0.9
N814674		136.5	131.5	<0.002	0.13	13.70	10.4	1	2.3	310	0.67	<0.05	12.1	0.261	1.79	3.5
N814675		28.9	128.5	<0.002	0.09	10.90	9.2	1	2.5	264	0.84	<0.05	14.8	0.228	1.69	4.0
N814676		30.9	102.0	<0.002	0.04	5.66	10.9	1	2.2	378	0.68	<0.05	10.6	0.279	1.42	3.1
N814677		266	95.4	<0.002	0.29	22.7	10.1	1	2.1	214	0.64	<0.05	10.3	0.243	1.69	3.7
N814678		41.4	106.5	<0.002	0.14	6.46	9.6	1	1.9	350	0.73	<0.05	12.5	0.262	1.52	3.2
N814679		25.7	113.5	<0.002	0.07	3.94	9.8	<1	2.0	356	0.72	<0.05	12.7	0.263	1.52	3.1
N814680		22.3	109.5	<0.002	0.02	3.01	10.0	1	1.9	395	0.72	<0.05	11.8	0.274	1.24	3.1
N814681		567	123.5	<0.002	0.26	9.57	10.6	1	2.0	303	0.71	<0.05	13.4	0.268	1.72	2.8
N814682		25.1	91.7	<0.002	0.11	8.02	9.2	1	1.9	315	0.74	<0.05	10.4	0.273	1.36	3.2
N814683		1255	133.5	<0.002	0.90	76.7	11.0	1	2.6	219	0.73	<0.05	12.1	0.267	2.36	4.2
N814684		22.1	132.0	<0.002	0.35	37.2	10.5	1	2.1	172.0	0.72	<0.05	13.2	0.252	1.84	4.1
N814685		22.9	121.0	<0.002	0.15	9.15	10.2	1	1.9	285	0.74	<0.05	12.9	0.255	1.60	3.5
N814686		20.7	115.0	<0.002	0.06	15.80	9.7	1	1.9	296	0.74	<0.05	12.1	0.260	1.57	3.4
N814687		21.5	113.5	<0.002	0.06	16.55	9.3	1	1.8	296	0.75	<0.05	11.5	0.265	1.65	3.4
N814688		77.6	98.7	<0.002	0.05	7.70	8.4	1	1.7	324	0.77	<0.05	10.5	0.241	1.33	3.1
N814689		558	114.5	<0.002	0.62	161.0	8.2	1	2.0	224	0.71	<0.05	11.3	0.218	1.87	4.7
N814690		28.6	133.5	<0.002	0.22	9.21	9.8	1	2.2	294	0.77	<0.05	11.5	0.251	1.82	3.5
N814691		25.6	112.0	<0.002	0.38	23.0	8.9	1	2.2	287	0.75	<0.05	11.9	0.245	1.77	3.7
N814692		1460	169.0	<0.002	3.14	32.7	9.3	1	6.0	154.5	0.68	0.26	13.9	0.217	2.70	5.6
N814693		20.3	106.5	<0.002	0.15	13.15	10.2	<1	2.7	270	0.76	<0.05	13.1	0.257	1.40	3.2
N814694		23.9	100.5	<0.002	0.69	17.40	9.3	1	2.9	267	0.70	<0.05	11.2	0.245	1.78	3.7
N814695		1.5	2.3	<0.002	0.02	0.11	0.5	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814696		24.0	102.0	<0.002	0.16	4.20	9.3	1	3.5	347	0.67	<0.05	10.4	0.253	1.30	3.4
N814697		24.1	100.5	<0.002	0.35	11.50	9.5	1	4.1	334	0.64	<0.05	9.5	0.270	1.52	4.0
N814698		24.0	89.1	<0.002	0.07	5.48	8.8	1	2.2	368	0.66	<0.05	9.1	0.248	1.17	3.3
N814699		24.4	104.5	<0.002	0.05	1.84	9.7	1	2.7	398	0.67	<0.05	11.5	0.270	1.20	4.0
N814700		19.4	127.0	<0.002	0.43	21.1	9.3	1	2.8	338	0.62	<0.05	10.2	0.255	1.59	6.6
N814701		50.4	114.0	<0.002	1.37	161.0	8.2	1	2.1	157.0	0.50	<0.05	10.6	0.211	1.99	8.4
N814702		35.5	106.5	<0.002	0.30	150.5	8.7	1	1.7	270	0.60	<0.05	10.1	0.238	1.68	3.2
N814703		17.2	98.8	<0.002	0.15	8.77	9.0	1	1.8	317	0.63	<0.05	9.5	0.255	1.54	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193446

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N814668		57	5.4	10.8	5630	27.0	25
N814669		76	2.1	15.1	201	32.6	<1
N814670		76	2.2	15.4	132	28.5	<1
N814671		65	3.2	15.5	85	30.6	<1
N814672		64	2.4	13.5	171	28.9	7
N814673		2	0.1	0.9	16	<0.5	<1
N814674		69	2.5	15.8	65	36.9	<1
N814675		60	3.9	15.2	58	41.8	<1
N814676		74	3.8	15.9	69	32.1	<1
N814677		66	3.0	15.3	680	30.3	<1
N814678		70	3.0	15.0	201	32.7	<1
N814679		70	3.6	15.1	56	32.3	<1
N814680		72	2.3	15.0	54	33.5	<1
N814681		71	3.6	15.8	454	33.7	<1
N814682		72	2.9	14.4	56	32.7	<1
N814683		76	5.4	16.0	695	36.2	12
N814684		68	3.7	15.3	83	34.0	<1
N814685		68	2.8	15.9	48	35.3	<1
N814686		69	16.1	15.3	48	34.2	<1
N814687		70	11.9	14.6	49	36.6	<1
N814688		63	1.9	14.0	58	32.6	<1
N814689		58	2.4	13.4	544	30.7	7
N814690		68	1.6	15.9	54	34.1	<1
N814691		64	2.5	14.8	63	31.9	<1
N814692		59	5.4	12.5	3140	40.3	9
N814693		69	4.8	15.9	53	31.8	<1
N814694		65	5.2	15.1	67	32.4	<1
N814695		2	0.1	0.9	14	<0.5	<1
N814696		68	7.5	13.2	50	29.4	<1
N814697		72	4.4	13.5	59	32.6	<1
N814698		67	3.5	13.2	53	34.6	<1
N814699		74	2.7	14.9	54	30.6	<1
N814700		70	4.5	13.1	52	26.6	<1
N814701		57	3.7	11.9	200	23.5	4
N814702		65	3.0	12.3	67	28.1	1
N814703		71	2.5	12.4	44	30.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 107

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193446

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193447

Project: Klaza - 107

P.O. No.: Batch 5

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

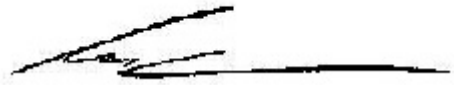
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193447

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814704		3.53	0.012	0.14	6.90	19.7	2290	1.38	0.28	2.75	0.10	38.9	7.1	9	11.30	11.4
N814705		5.75	<0.005	0.16	7.02	5.7	2390	1.60	0.25	2.92	0.12	40.4	8.2	11	8.34	12.7
N814706		0.26	2.37	26.7	5.87	3400	1620	1.35	17.15	2.28	81.7	45.3	11.7	18	16.05	441
N814707		8.25	<0.005	0.20	7.24	7.5	2290	1.58	0.26	2.96	0.21	43.7	8.2	11	8.67	17.0
N814708		7.35	<0.005	0.28	6.96	7.1	2250	1.45	0.24	2.66	2.89	41.7	8.2	11	11.20	30.3
N814709		2.76	0.287	5.42	6.15	238	2450	1.35	0.13	3.16	1.87	43.0	7.3	6	18.35	143.0
N814710		3.80	<0.005	0.02	0.07	<5	30	0.09	0.02	21.0	0.07	1.13	1.3	<1	0.55	2.7
N814711		6.69	0.015	0.59	7.00	7.6	2290	1.67	0.15	2.48	0.31	47.5	7.3	10	11.90	15.6
N814712		8.23	<0.005	0.13	6.94	7.4	2440	1.58	0.28	2.39	0.13	45.4	7.7	9	10.80	31.7
N814713		8.08	<0.005	0.40	7.07	6.7	2190	1.62	0.12	2.63	0.26	48.2	8.7	11	10.70	24.3
N814714		5.66	<0.005	0.14	6.98	5.6	2400	1.55	0.13	2.56	0.13	45.9	7.8	11	10.45	20.6
N814715		2.74	0.236	26.0	6.02	96.5	2870	1.74	0.40	2.61	9.35	42.5	7.5	6	22.8	301
N814716		4.48	<0.005	0.12	6.27	8.0	1320	1.79	0.25	3.30	0.09	42.9	6.9	17	28.0	8.2
N814717		3.33	<0.005	0.06	6.26	5.4	1400	1.95	0.30	3.10	0.06	42.3	5.8	14	28.0	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193447

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814704		2.98	16.20	0.16	1.2	0.038	2.71	18.0	12.4	0.73	678	0.88	2.21	8.0	2.9	590
N814705		3.04	17.70	0.18	1.2	0.041	2.63	18.0	14.6	0.85	700	1.45	2.46	8.9	3.0	620
N814706		6.57	15.25	0.22	0.9	1.765	2.69	23.8	21.3	0.93	1930	14.10	0.04	6.5	17.1	460
N814707		3.16	17.55	0.17	1.1	0.043	2.67	19.5	14.4	0.84	718	1.90	2.48	9.0	3.0	640
N814708		3.17	17.15	0.18	1.0	0.078	2.73	18.8	18.2	0.83	819	3.70	2.28	9.1	3.2	630
N814709		2.97	15.45	0.17	0.9	0.083	2.82	20.9	39.7	0.82	5070	4.36	0.55	7.5	2.6	540
N814710		0.47	0.36	0.12	<0.1	<0.005	0.03	0.6	1.2	12.70	213	0.11	0.01	0.4	1.5	180
N814711		2.87	17.45	0.17	1.1	0.047	2.87	22.0	18.0	0.77	614	3.34	2.45	8.7	2.9	590
N814712		2.81	16.85	0.19	1.1	0.036	2.84	20.7	19.5	0.86	630	3.17	2.51	8.4	2.7	570
N814713		3.03	17.25	0.20	1.2	0.048	2.73	21.9	18.4	0.88	702	2.21	2.47	8.7	3.2	600
N814714		2.79	17.00	0.19	1.2	0.037	2.78	21.4	14.5	0.78	647	2.30	2.40	8.7	2.8	570
N814715		3.00	14.50	0.17	1.1	0.105	2.52	20.7	34.6	0.75	12750	8.56	1.14	7.2	2.8	470
N814716		2.47	18.00	0.19	2.4	0.028	2.61	19.7	82.9	0.84	757	1.45	1.37	10.9	7.0	960
N814717		2.23	18.30	0.18	1.8	0.026	2.62	19.6	96.7	0.77	520	1.54	1.37	10.3	6.0	770

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193447

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814704		18.4	101.0	<0.002	0.05	3.53	9.3	1	1.7	385	0.63	<0.05	10.6	0.253	1.20	3.4
N814705		19.6	93.6	<0.002	0.02	2.01	10.5	1	1.9	420	0.64	<0.05	9.5	0.277	1.09	3.2
N814706		2950	173.0	0.002	4.95	94.6	8.5	2	8.2	97.2	0.48	0.36	11.0	0.184	2.25	5.4
N814707		107.5	99.2	<0.002	0.03	2.62	10.5	1	1.9	413	0.69	<0.05	10.4	0.281	1.07	3.5
N814708		118.5	107.5	<0.002	0.05	2.93	10.9	1	2.1	386	0.66	<0.05	10.3	0.275	1.16	3.3
N814709		2240	119.0	<0.002	0.84	69.0	9.6	1	1.8	214	0.55	<0.05	10.2	0.226	1.81	4.4
N814710		2.8	3.3	<0.002	<0.01	0.31	0.3	1	<0.2	53.6	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N814711		174.0	111.5	<0.002	0.02	3.38	10.2	1	2.0	376	0.65	<0.05	11.4	0.259	1.13	3.6
N814712		22.5	105.0	<0.002	0.01	1.81	10.0	1	2.0	459	0.65	<0.05	11.4	0.256	1.04	3.6
N814713		230	106.0	<0.002	0.03	2.17	11.1	1	2.1	407	0.67	<0.05	12.1	0.267	1.08	3.6
N814714		31.0	107.0	<0.002	0.02	1.27	9.9	1	1.9	401	0.68	<0.05	12.2	0.252	1.10	4.0
N814715		8700	110.0	<0.002	0.92	243	8.3	1	2.4	309	0.59	<0.05	10.9	0.203	1.47	4.9
N814716		27.5	71.0	<0.002	0.02	9.64	6.2	1	1.8	567	0.75	<0.05	7.2	0.298	1.15	3.6
N814717		18.8	78.4	<0.002	0.01	6.02	5.3	1	1.4	584	0.73	<0.05	8.0	0.247	1.10	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12193447

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814704		69	2.1	13.6	46	31.3	<1
N814705		75	1.9	14.9	51	31.7	26
N814706		58	5.3	9.9	5660	24.7	<1
N814707		77	1.3	15.4	57	31.6	<1
N814708		77	2.3	15.4	339	28.3	5
N814709		63	3.3	13.6	202	25.9	<1
N814710		2	0.1	0.8	16	<0.5	<1
N814711		69	2.5	14.9	65	30.0	<1
N814712		69	2.3	15.2	48	30.6	<1
N814713		76	2.7	16.6	64	33.1	<1
N814714		68	2.9	15.6	48	32.8	26
N814715		55	2.6	12.4	1010	30.4	<1
N814716		62	1.1	9.9	60	96.0	<1
N814717		53	1.2	9.1	54	63.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 107

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193447

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193448

Project: Klaza - 109

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193448

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811921		2.45	0.158	17.40	6.83	709	820	1.26	0.88	4.51	15.45	44.8	8.7	14	16.35	52.1
N811922		5.12	<0.005	0.11	7.89	11.4	2140	1.40	0.25	2.30	0.30	47.8	7.9	15	20.5	6.6
N811923		2.62	<0.005	0.40	7.02	50.2	>10000	1.52	0.51	3.13	1.26	41.9	8.2	12	28.3	11.5
N811924		2.38	<0.005	0.05	7.82	6.4	2370	1.34	0.20	2.94	0.11	55.7	7.7	17	14.05	6.1
N811925		2.96	<0.005	0.28	6.98	42.8	1770	1.29	0.70	3.24	0.15	45.0	7.5	15	16.80	6.9
N811926		4.78	<0.005	0.08	7.28	7.7	2200	1.41	0.32	2.94	0.15	48.1	7.6	18	8.91	15.1
N811927		0.26	4.38	>100	5.45	8010	1080	1.15	58.5	2.00	223	33.7	9.2	16	11.00	1320
N811928		6.29	<0.005	0.26	7.44	28.2	2020	1.45	0.83	3.02	0.22	42.4	9.1	15	22.5	40.2
N811929		4.95	<0.005	0.19	7.69	7.9	2280	1.45	1.76	2.80	0.17	53.1	9.8	17	9.24	123.0
N811930		<0.02	0.005	0.20	7.42	7.7	2180	1.50	1.90	2.68	0.14	56.0	9.6	16	9.07	112.5
N811931		3.74	0.008	0.80	7.86	54.5	1850	1.44	4.34	1.76	0.30	54.5	13.4	14	18.85	221
N811932		3.03	0.592	2.47	5.72	719	390	1.33	1.11	4.95	1.34	39.1	10.0	11	12.60	23.5
N811933		2.39	<0.005	0.02	0.10	<5	40	0.07	0.06	20.7	0.07	1.63	0.8	<1	0.38	3.8
N811934		5.17	<0.005	0.15	6.83	13.4	1820	1.53	0.41	2.79	0.13	44.8	7.6	13	18.45	12.0
N811935		2.39	0.122	0.77	6.94	538	1790	1.42	0.21	3.27	0.69	53.0	8.1	14	21.6	13.0
N811936		6.17	0.072	0.07	7.39	8.2	2230	1.44	0.13	3.04	0.21	49.9	8.1	26	12.40	7.8
N811937		2.53	0.009	0.11	7.21	20.0	2140	1.54	0.17	3.01	0.25	45.4	8.5	18	17.25	8.3
N811938		2.40	0.014	2.09	6.67	62.4	3370	1.52	2.56	5.44	3.34	49.8	7.4	11	27.7	79.0
N811939		2.46	<0.005	0.17	0.06	<5	30	<0.05	0.03	21.7	0.05	1.27	0.6	<1	0.21	2.8
N811940		2.60	0.010	3.71	8.18	18.2	6730	1.50	142.5	2.91	0.84	45.2	8.2	12	26.9	49.8
N811941		2.57	0.011	0.83	7.02	83.9	3040	1.76	1.36	4.00	1.08	46.2	8.7	10	24.4	9.1
N811942		2.83	<0.005	0.09	7.07	8.3	1960	1.42	0.75	2.85	0.23	43.2	8.1	15	17.45	9.8
N811943		8.01	<0.005	0.11	6.92	7.0	2080	1.46	0.61	2.80	0.10	46.6	9.1	18	8.55	9.5
N811944		0.26	0.826	9.54	6.47	1785	1680	1.52	6.73	1.88	40.5	42.3	17.8	19	15.70	111.5
N811945		5.19	<0.005	0.07	7.08	6.4	2190	1.50	0.40	2.79	0.14	48.4	9.2	19	8.12	14.7
N811946		4.65	<0.005	0.05	7.21	9.9	2130	1.48	0.13	3.09	0.12	45.4	9.3	16	9.55	10.8
N811947		3.68	<0.005	0.02	7.12	4.9	2250	1.33	0.11	2.88	0.11	47.3	9.0	18	7.08	7.8
N811948		1.32	<0.005	0.02	7.33	5.6	2390	1.49	0.12	2.91	0.11	47.6	9.9	21	7.59	10.1
N811949		6.47	<0.005	0.05	7.24	5.2	2230	1.53	0.12	3.24	0.12	44.6	8.9	17	10.60	8.1
N811950		2.59	<0.005	0.06	8.04	11.0	1870	1.37	0.17	3.22	0.10	37.5	6.9	21	12.15	7.1
N811951		3.04	<0.005	0.08	7.08	17.0	3280	1.53	0.52	3.63	0.10	46.7	9.6	13	11.65	15.1
N811952		5.60	<0.005	0.29	7.66	17.5	2100	1.53	0.77	3.50	0.20	51.2	10.2	14	13.95	31.6
N811953		2.51	<0.005	0.57	6.99	55.3	2610	1.38	1.62	4.12	0.23	54.0	17.4	10	13.55	22.1
N811954		2.61	<0.005	0.11	8.06	15.2	2410	1.31	0.69	2.34	0.08	45.3	10.6	15	9.97	13.0
N811955		5.95	<0.005	0.03	7.49	5.9	2170	1.53	0.17	2.93	0.10	50.8	10.0	14	9.21	7.9
N811956		4.84	0.015	0.56	7.04	31.5	2190	1.43	1.06	2.65	0.11	49.4	14.0	18	7.44	19.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193448

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811921		4.40	14.25	0.16	1.0	0.202	2.65	24.3	23.6	1.09	4190	2.61	0.08	7.1	3.2	490
N811922		3.10	17.25	0.16	1.2	0.049	2.64	23.8	24.9	0.62	703	3.63	0.88	8.4	3.2	640
N811923		3.21	16.05	0.14	1.1	0.050	2.57	20.4	56.6	0.67	1630	2.74	0.19	8.1	3.2	620
N811924		3.33	15.80	0.15	1.2	0.054	2.77	28.8	11.1	0.92	653	13.25	2.31	8.4	3.9	680
N811925		3.19	15.45	0.15	1.2	0.072	2.73	22.2	26.9	0.81	1240	5.71	1.45	8.1	3.2	610
N811926		3.06	15.85	0.13	1.2	0.056	2.58	23.6	11.5	0.85	649	4.41	2.27	8.3	3.2	630
N811927		8.00	12.60	0.20	1.1	4.78	2.34	17.5	30.9	0.63	3150	14.80	0.09	5.6	15.3	440
N811928		3.10	16.60	0.13	1.1	0.065	2.64	20.6	40.4	0.74	709	2.67	1.69	8.7	3.6	650
N811929		3.34	16.30	0.16	1.2	0.059	2.79	26.9	16.3	0.91	592	2.63	2.37	8.7	3.3	650
N811930		3.19	15.70	0.11	1.1	0.059	2.73	28.2	15.1	0.89	545	2.52	2.24	8.0	4.9	640
N811931		3.00	16.55	0.13	1.2	0.077	2.92	30.6	30.2	0.71	744	4.35	1.17	8.0	3.9	630
N811932		4.50	12.40	0.10	0.8	0.177	2.59	21.2	19.3	1.43	5440	2.94	0.09	5.6	3.7	440
N811933		0.48	0.30	0.09	<0.1	0.007	0.04	0.8	1.4	12.50	205	0.24	0.01	0.3	2.5	230
N811934		2.82	15.50	0.14	1.2	0.047	2.80	20.2	41.3	0.73	717	1.96	1.50	8.0	3.1	590
N811935		3.88	15.10	0.13	1.1	0.177	2.56	28.7	39.6	1.17	4140	1.82	0.17	7.2	3.3	520
N811936		3.16	15.35	0.12	1.1	0.039	2.61	25.1	13.6	0.89	671	2.40	2.20	8.0	3.7	670
N811937		3.09	16.35	0.12	1.2	0.053	2.67	21.6	56.7	0.81	710	2.59	1.73	8.1	3.7	610
N811938		3.47	14.85	0.14	0.6	0.090	2.45	24.6	52.4	1.69	3650	2.09	0.04	6.5	2.7	480
N811939		0.50	0.23	0.15	<0.1	0.006	0.03	0.6	1.3	13.05	214	0.18	0.01	0.2	1.8	210
N811940		3.20	18.65	0.16	1.0	0.043	3.05	22.5	44.1	1.00	1110	2.48	0.08	8.4	4.5	620
N811941		3.06	16.50	0.20	0.9	0.079	2.67	24.2	25.9	1.19	2220	2.08	0.05	7.2	2.9	520
N811942		3.00	17.05	0.18	1.1	0.060	2.43	20.2	26.3	0.78	729	2.74	1.85	8.8	2.8	620
N811943		2.98	17.85	0.21	1.1	0.045	2.47	22.0	15.2	0.84	657	3.48	2.11	9.0	3.3	600
N811944		5.11	15.70	0.18	1.4	0.911	2.79	21.3	25.3	0.70	1980	12.80	0.26	7.8	15.9	490
N811945		3.07	17.85	0.20	1.1	0.048	2.54	22.1	16.8	0.91	633	3.51	2.30	9.3	3.3	650
N811946		3.09	18.40	0.21	1.1	0.052	2.46	21.4	21.2	0.82	703	5.29	1.75	8.9	4.1	640
N811947		3.07	17.30	0.20	1.1	0.043	2.46	22.3	15.1	0.89	656	4.08	2.22	8.7	3.4	640
N811948		3.21	18.50	0.22	1.1	0.046	2.64	22.9	15.6	0.94	679	3.76	2.31	9.2	3.6	670
N811949		3.14	16.40	0.14	1.0	0.045	2.44	21.1	14.2	0.87	744	4.00	2.19	8.8	3.1	650
N811950		2.82	20.7	0.20	1.0	0.048	2.72	17.1	27.8	0.59	650	3.06	0.77	8.6	3.0	650
N811951		3.44	18.35	0.22	0.9	0.102	2.32	22.5	24.3	0.87	1060	3.48	1.63	8.7	3.5	620
N811952		3.29	18.40	0.22	1.0	0.055	2.97	24.4	22.2	0.85	686	2.62	1.49	9.0	3.5	690
N811953		2.98	18.50	0.23	0.9	0.113	2.39	27.1	21.6	0.84	1060	4.06	0.95	7.8	3.9	560
N811954		3.13	19.15	0.21	1.1	0.073	2.94	21.8	22.1	0.80	635	2.30	0.88	8.3	3.3	640
N811955		3.20	17.95	0.25	1.3	0.048	2.60	24.4	17.3	0.82	604	1.71	2.15	9.0	3.4	660
N811956		3.45	17.75	0.22	1.1	0.069	2.64	24.1	14.1	0.89	782	2.70	1.86	8.7	4.0	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193448

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811921		2770	139.5	<0.002	1.58	34.3	10.0	1	2.4	121.5	0.64	<0.05	12.0	0.224	2.09	5.4
N811922		21.4	93.2	<0.002	0.05	10.85	12.0	1	2.4	204	0.71	<0.05	12.9	0.286	1.29	2.6
N811923		40.8	82.5	<0.002	0.41	16.50	11.4	1	2.4	173.5	0.65	<0.05	10.6	0.276	1.86	4.2
N811924		16.7	103.5	<0.002	0.02	2.35	13.2	2	2.4	418	0.66	<0.05	14.2	0.293	1.14	2.4
N811925		16.5	108.5	0.002	0.23	4.27	11.1	1	2.9	289	0.68	<0.05	11.5	0.266	1.68	5.0
N811926		18.5	86.9	<0.002	0.03	1.78	12.4	2	3.0	405	0.66	<0.05	12.5	0.272	1.19	2.4
N811927		9980	130.0	0.002	7.00	217	7.5	2	8.1	121.0	0.44	0.50	9.2	0.184	2.16	5.5
N811928		24.1	95.5	<0.002	0.11	7.72	12.0	1	4.3	327	0.73	0.05	10.7	0.297	1.55	4.3
N811929		17.3	102.5	<0.002	0.04	1.84	12.6	1	4.0	415	0.76	<0.05	14.4	0.285	1.28	3.7
N811930		18.1	115.5	<0.002	0.04	1.62	10.9	<1	3.9	398	0.68	0.06	14.0	0.276	1.20	3.7
N811931		41.4	139.0	0.002	0.15	21.0	11.2	<1	4.2	216	0.75	0.10	13.7	0.280	1.66	3.7
N811932		208	150.5	0.002	2.21	24.0	8.3	<1	2.8	121.5	0.42	<0.05	9.5	0.192	2.19	4.2
N811933		2.2	2.4	<0.002	0.01	0.19	0.3	<1	<0.2	48.1	<0.05	<0.05	0.2	0.005	0.02	0.8
N811934		17.8	99.1	<0.002	0.07	5.84	9.6	1	2.5	301	0.71	<0.05	11.4	0.264	1.49	3.1
N811935		93.4	138.0	<0.002	0.63	18.15	9.9	<1	2.4	129.0	0.60	<0.05	13.4	0.228	1.86	5.7
N811936		17.1	101.0	<0.002	0.03	1.19	11.3	<1	1.5	397	0.67	<0.05	13.1	0.276	1.02	3.8
N811937		22.6	96.6	0.003	0.13	3.93	10.2	<1	1.5	351	0.61	<0.05	11.8	0.266	1.30	3.7
N811938		146.0	123.0	<0.002	0.65	34.5	9.6	1	1.9	226	0.51	<0.05	11.8	0.229	1.99	4.7
N811939		1.7	1.4	0.002	0.01	0.13	0.1	<1	0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811940		179.5	126.5	<0.002	0.24	15.50	12.2	2	2.5	161.0	0.67	1.15	11.5	0.291	1.98	3.4
N811941		138.0	142.0	<0.002	0.65	16.30	10.9	1	1.9	162.5	0.55	0.07	11.1	0.238	2.35	7.2
N811942		19.0	96.5	<0.002	0.04	6.75	13.1	1	2.2	333	0.71	<0.05	11.4	0.290	1.21	3.6
N811943		19.4	96.6	<0.002	0.03	1.57	12.6	2	1.8	369	0.73	<0.05	10.9	0.275	1.09	3.8
N811944		1370	160.0	0.002	3.12	34.7	9.2	2	6.1	151.5	0.66	0.39	10.7	0.210	2.47	4.7
N811945		18.8	96.9	<0.002	0.02	1.52	13.3	2	2.0	400	0.75	<0.05	10.8	0.281	1.01	3.7
N811946		17.7	96.7	<0.002	0.05	2.36	13.8	1	1.7	351	0.69	<0.05	10.0	0.278	1.02	4.4
N811947		16.7	93.2	<0.002	0.02	1.13	13.1	2	1.6	412	0.68	<0.05	10.5	0.279	0.94	3.2
N811948		17.5	99.6	<0.002	0.03	1.25	13.7	2	1.9	422	0.71	<0.05	10.6	0.293	0.97	3.6
N811949		18.1	93.6	<0.002	0.05	1.72	12.7	1	1.8	416	0.67	<0.05	9.9	0.289	0.91	3.8
N811950		16.9	92.5	<0.002	0.06	7.40	12.4	1	1.7	220	0.69	<0.05	9.0	0.298	1.09	3.7
N811951		13.6	107.5	<0.002	0.16	10.90	12.9	2	1.7	285	0.64	<0.05	9.6	0.273	1.26	4.4
N811952		19.2	125.5	<0.002	0.20	11.45	14.1	2	1.8	383	0.67	<0.05	10.3	0.313	1.46	4.4
N811953		55.1	112.0	<0.002	0.48	13.35	12.5	2	2.0	267	0.61	0.14	11.2	0.244	1.48	4.2
N811954		16.0	110.0	<0.002	0.11	5.69	12.1	2	1.7	240	0.67	<0.05	11.9	0.264	1.35	2.6
N811955		18.6	100.5	<0.002	0.02	2.39	13.4	2	1.8	410	0.74	<0.05	13.1	0.284	0.96	3.2
N811956		18.0	109.0	<0.002	0.46	3.63	12.4	2	1.6	340	0.69	<0.05	12.3	0.266	1.21	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193448

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N811921		68	3.2	16.5	1510	22.1	18	
N811922		81	2.6	16.2	69	27.6	<1	
N811923		84	2.5	16.0	209	24.0	<1	
N811924		83	1.1	18.1	51	26.3	<1	
N811925		75	1.9	15.4	47	25.2	<1	
N811926		79	1.3	16.8	49	26.9	<1	
N811927		54	4.5	9.9	>10000	32.6	116	1.550
N811928		83	2.6	15.7	68	25.9	<1	
N811929		83	1.6	17.7	52	27.8	<1	
N811930		76	1.4	16.8	46	24.6	<1	
N811931		78	3.0	16.7	67	25.5	<1	
N811932		58	3.1	14.2	157	18.4	1	
N811933		2	0.1	0.9	18	<0.5	<1	
N811934		74	2.1	13.8	52	25.3	<1	
N811935		64	2.9	16.0	92	25.1	<1	
N811936		79	1.6	17.2	55	23.5	<1	
N811937		74	1.7	15.2	57	26.0	<1	
N811938		68	4.1	16.8	332	19.6	2	
N811939		2	0.1	0.8	14	<0.5	<1	
N811940		83	4.7	17.2	145	26.9	3	
N811941		69	3.6	16.2	134	21.6	<1	
N811942		87	2.1	16.8	70	24.8	<1	
N811943		78	3.2	17.7	55	25.2	<1	
N811944		59	5.5	11.8	2990	39.8	9	
N811945		80	1.9	18.4	51	25.3	<1	
N811946		81	2.6	17.8	50	26.2	<1	
N811947		80	2.0	17.9	47	24.5	<1	
N811948		84	2.2	18.6	49	25.0	<1	
N811949		82	2.2	18.4	52	24.1	<1	
N811950		84	3.2	15.5	41	24.5	<1	
N811951		75	2.9	18.6	57	20.8	<1	
N811952		90	3.6	20.7	59	24.3	<1	
N811953		76	3.3	20.5	82	21.0	<1	
N811954		78	2.9	14.9	54	25.8	<1	
N811955		82	2.6	18.0	52	29.7	<1	
N811956		76	2.2	17.1	52	25.7	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193448

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12193449

Project: Klaza - 109

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

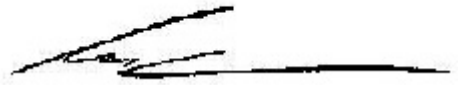
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193449

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811957		4.87	<0.005	0.11	7.01	7.6	2350	1.46	0.23	2.80	0.10	44.7	8.5	14	6.21	7.3
N811958		3.37	0.006	0.21	6.91	20.8	2220	1.42	0.84	2.96	0.11	47.1	14.8	14	6.72	11.1
N811959		4.21	<0.005	0.09	7.13	6.4	2140	1.48	0.20	3.08	0.09	43.8	9.4	16	7.62	4.6
N811960		1.80	<0.005	0.08	6.91	7.3	2100	1.53	0.19	2.94	0.09	40.9	9.6	14	7.72	8.2
N811961		4.68	<0.005	0.10	6.86	4.6	2210	1.65	0.09	2.91	0.09	42.1	9.3	19	9.15	6.1
N811962		2.49	<0.005	0.10	7.16	6.8	2140	1.64	0.05	2.49	0.09	42.2	8.9	13	16.20	8.7
N811963		6.53	<0.005	0.06	7.16	4.6	2240	1.64	0.06	3.01	0.08	46.2	8.8	15	9.45	6.5
N811964		5.44	<0.005	0.07	7.06	3.7	2220	1.64	0.04	2.96	0.09	46.1	8.4	12	8.09	5.7
N811965		1.93	<0.005	0.13	6.76	8.0	1880	1.64	0.14	2.99	0.12	39.8	8.3	13	11.50	8.0
N811966		7.03	<0.005	0.06	6.93	3.3	2160	1.69	0.04	2.80	0.10	45.2	8.5	14	8.89	5.2
N811967		0.26	0.777	10.15	6.51	1835	430	1.59	5.54	1.96	43.5	43.3	17.8	19	18.15	110.0
N811968		2.82	<0.005	0.07	6.80	5.8	2110	1.67	0.05	2.90	0.12	43.1	8.6	16	8.90	5.5
N811969		4.28	<0.005	0.06	6.97	5.2	2080	1.55	0.05	2.66	0.08	43.9	9.1	12	7.91	4.5
N811970		5.73	<0.005	0.06	7.21	4.6	2110	1.46	0.08	2.82	0.07	42.2	7.4	19	6.63	9.6
N811971		2.43	<0.005	0.30	6.97	19.6	1870	1.47	0.22	3.40	0.74	40.0	6.2	10	9.41	15.7
N811972		2.60	<0.005	0.02	0.06	<5	20	<0.05	0.05	21.1	0.08	1.14	0.6	<1	0.16	2.2
N811973		8.66	<0.005	0.07	7.25	4.0	2120	1.42	0.10	2.98	0.14	41.4	7.3	12	8.41	6.4
N811974		7.81	<0.005	0.07	7.60	4.3	2250	1.42	0.08	2.86	0.10	44.8	7.6	17	8.90	8.9
N811975		8.64	<0.005	0.07	7.41	3.9	2300	1.40	0.07	2.95	0.10	41.9	8.0	13	7.73	8.6
N811976		<0.02	<0.005	0.06	7.17	4.3	2280	1.47	0.07	2.93	0.11	39.4	7.9	15	7.46	8.5
N811977		6.33	<0.005	0.06	7.17	3.2	2290	1.39	0.07	3.21	0.07	37.7	7.3	12	7.91	7.7
N811978		2.59	<0.005	0.06	7.37	3.4	2330	1.55	0.07	2.99	0.11	41.9	8.2	16	10.30	9.8
N811979		3.03	<0.005	0.05	7.19	2.5	2270	1.23	0.07	2.74	0.06	35.1	7.6	12	10.20	10.8
N811980		4.43	<0.005	0.05	7.90	4.2	2540	1.54	0.08	3.08	0.09	45.7	8.5	16	8.91	8.4
N811981		2.34	<0.005	0.07	7.41	7.4	2180	1.27	0.14	3.33	0.12	37.0	8.8	12	9.64	7.1
N811982		8.02	<0.005	0.07	7.73	6.1	2400	1.58	0.11	3.12	0.11	45.5	9.4	14	9.93	8.8
N811983		0.26	2.39	26.5	6.19	3480	290	1.37	20.7	2.33	82.9	45.1	10.8	18	14.75	459
N811984		7.86	<0.005	0.14	7.79	4.3	2380	1.40	0.10	3.04	0.13	46.4	8.3	12	8.70	9.0
N811985		4.30	<0.005	0.11	6.90	9.5	2310	1.36	0.13	3.85	0.14	37.1	8.7	9	10.85	11.3
N811986		3.12	<0.005	0.09	7.22	3.3	2180	1.40	0.10	3.03	0.11	38.2	8.7	11	7.24	13.7
N811987		5.02	<0.005	0.09	7.23	4.9	2240	1.38	0.12	2.73	0.13	43.2	8.0	15	7.05	46.1
N811988		2.39	<0.005	0.07	6.91	7.0	2140	1.36	0.15	2.84	0.12	39.8	7.4	13	8.32	14.7
N811989		8.14	<0.005	0.07	7.14	5.6	2220	1.44	0.09	3.05	0.10	39.4	8.8	14	7.45	9.1
N811990		4.67	<0.005	0.07	7.02	4.6	1950	1.30	0.11	2.89	0.09	37.7	7.4	10	12.30	13.6
N811991		3.70	<0.005	0.09	6.75	9.3	1810	1.37	0.09	3.61	0.11	36.6	8.0	17	17.15	10.4
N811992		2.52	<0.005	0.02	0.08	<5	30	0.05	0.04	19.90	0.07	1.31	0.6	<1	0.37	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193449

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811957		3.09	17.20	0.18	0.9	0.050	2.60	20.5	10.7	0.90	647	3.90	2.25	8.4	3.2	620
N811958		3.58	17.95	0.19	1.0	0.070	2.64	21.8	12.2	0.93	771	3.80	1.98	8.7	3.5	620
N811959		3.27	17.70	0.18	1.1	0.059	2.39	19.1	16.2	0.97	690	2.54	2.43	9.3	3.4	670
N811960		3.26	17.25	0.20	1.0	0.056	2.35	17.8	15.9	0.96	675	2.65	2.31	8.9	3.4	630
N811961		3.10	17.35	0.18	1.1	0.042	2.47	18.5	15.9	0.90	678	2.47	2.30	9.0	3.6	650
N811962		3.07	17.20	0.19	1.1	0.044	2.54	19.1	15.1	0.74	556	2.04	2.08	9.0	3.2	660
N811963		3.17	17.75	0.20	1.1	0.040	2.68	20.9	15.7	0.89	643	2.14	2.34	9.1	3.3	670
N811964		3.08	17.20	0.20	1.1	0.041	2.65	20.2	14.9	0.90	691	3.23	2.39	9.1	3.3	630
N811965		3.00	16.95	0.20	1.2	0.049	2.56	17.6	16.4	0.82	754	3.40	1.84	9.3	2.9	590
N811966		2.97	17.10	0.20	1.2	0.033	2.53	19.9	17.3	0.86	658	2.54	2.35	9.0	3.4	610
N811967		5.21	15.75	0.20	1.2	0.946	2.96	21.4	23.3	0.70	2040	13.30	0.28	8.0	16.8	510
N811968		2.96	16.60	0.18	1.2	0.035	2.62	19.1	15.0	0.83	695	2.47	2.26	8.6	3.1	600
N811969		2.92	16.30	0.20	1.1	0.039	2.57	20.2	16.8	0.88	607	2.18	2.33	8.3	3.2	610
N811970		2.95	15.30	0.12	1.3	0.041	2.52	20.3	17.8	0.89	634	2.08	2.23	7.6	4.3	620
N811971		2.81	15.00	0.12	1.3	0.048	2.76	19.3	13.4	0.72	1130	1.61	1.72	7.7	2.8	540
N811972		0.49	0.18	0.10	<0.1	0.008	0.02	0.5	1.0	12.70	223	0.13	0.01	0.1	1.5	160
N811973		3.08	15.70	0.12	1.2	0.042	2.47	20.2	20.2	0.82	697	1.39	2.10	7.6	2.9	600
N811974		3.25	15.75	0.14	1.2	0.047	2.51	22.0	18.2	0.96	675	1.50	2.37	7.9	2.9	650
N811975		3.16	16.90	0.14	1.1	0.045	2.46	18.7	17.0	0.96	680	1.49	2.35	8.1	3.0	640
N811976		3.17	16.55	0.12	1.2	0.038	2.44	18.1	16.5	0.94	681	1.61	2.37	7.9	3.0	640
N811977		3.15	15.45	0.10	1.1	0.035	2.41	17.0	13.7	0.93	730	6.88	2.31	7.4	2.8	640
N811978		3.12	16.85	0.13	1.2	0.041	2.43	18.3	20.0	0.88	681	2.58	2.26	8.2	3.1	640
N811979		3.18	15.20	0.09	1.0	0.041	2.41	16.9	27.2	0.97	617	1.53	1.90	7.4	2.6	640
N811980		3.41	16.80	0.11	1.2	0.043	2.63	22.7	18.7	1.06	735	1.84	2.50	8.2	3.3	690
N811981		3.35	16.40	0.13	1.1	0.052	2.48	16.7	17.7	0.92	716	1.45	2.21	7.6	3.0	650
N811982		3.28	17.75	0.12	1.2	0.043	2.48	22.9	22.8	1.06	735	1.72	2.31	8.5	3.1	650
N811983		6.74	14.80	0.10	1.0	1.870	2.68	25.0	24.3	0.95	2010	13.10	0.05	6.1	16.3	450
N811984		3.31	16.55	0.12	1.1	0.045	2.53	21.6	18.2	1.04	739	1.56	2.34	8.0	3.1	670
N811985		2.85	15.45	0.13	1.2	0.037	2.25	17.7	21.8	0.82	775	1.30	1.83	8.0	3.0	580
N811986		3.27	17.00	0.11	1.1	0.039	2.24	16.9	20.1	0.94	680	1.97	2.28	8.4	3.8	670
N811987		3.19	15.75	0.12	1.1	0.043	2.44	19.8	18.1	1.00	670	4.02	2.27	7.9	15.5	670
N811988		3.03	16.70	0.11	1.0	0.047	2.29	18.2	17.9	0.89	602	1.84	2.14	7.8	2.9	620
N811989		3.26	16.75	0.09	1.0	0.045	2.36	17.8	18.2	0.94	689	1.71	2.34	8.0	3.5	650
N811990		2.90	15.15	0.12	1.0	0.050	2.28	18.3	16.7	0.74	534	1.98	1.96	7.4	2.9	620
N811991		2.85	15.80	0.12	1.0	0.052	2.25	17.8	21.3	0.82	652	2.24	1.43	8.0	3.1	630
N811992		0.46	0.24	0.11	<0.1	0.007	0.03	0.6	1.3	11.80	204	0.10	0.01	0.2	1.4	170

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193449

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811957		16.6	87.0	<0.002	0.07	1.53	11.4	1	1.5	411	0.59	<0.05	11.1	0.274	0.91	3.3
N811958		18.2	93.9	<0.002	0.35	2.32	11.8	2	1.7	357	0.64	<0.05	11.8	0.280	1.07	4.0
N811959		15.2	83.7	<0.002	0.03	1.83	12.5	1	1.9	429	0.72	<0.05	10.5	0.291	0.86	3.3
N811960		15.5	81.9	<0.002	0.04	1.98	12.1	1	1.9	410	0.67	<0.05	10.1	0.288	0.86	2.9
N811961		16.0	86.5	<0.002	0.03	1.43	11.3	1	1.6	431	0.71	<0.05	10.5	0.280	0.85	2.9
N811962		15.0	99.0	<0.002	0.05	2.99	11.8	1	3.2	426	0.67	<0.05	10.9	0.296	0.94	4.2
N811963		16.3	96.0	<0.002	0.01	1.63	11.9	2	1.6	430	0.67	<0.05	12.1	0.293	0.92	3.6
N811964		16.0	92.1	<0.002	<0.01	1.13	11.0	1	1.6	427	0.72	<0.05	11.8	0.278	0.83	3.5
N811965		16.5	94.0	<0.002	0.09	2.15	10.3	1	1.6	357	0.88	<0.05	11.1	0.264	0.98	6.5
N811966		16.3	91.7	<0.002	0.01	0.93	10.7	1	1.5	430	0.76	<0.05	11.5	0.268	0.84	3.6
N811967		1450	156.5	<0.002	3.19	35.9	9.1	2	6.1	152.5	0.60	0.34	11.1	0.212	2.33	5.0
N811968		16.8	90.8	<0.002	0.03	1.60	10.4	1	1.4	389	0.69	<0.05	10.8	0.269	0.90	4.6
N811969		14.7	95.5	<0.002	0.01	1.10	10.5	1	1.4	411	0.64	<0.05	11.4	0.266	0.85	3.5
N811970		18.9	95.7	<0.002	0.02	0.80	10.5	1	1.4	408	0.67	<0.05	11.9	0.268	0.84	4.2
N811971		35.6	116.5	<0.002	0.19	4.10	9.8	1	1.4	336	0.75	<0.05	12.9	0.251	1.19	6.0
N811972		2.1	1.3	<0.002	<0.01	0.12	0.2	<1	0.3	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N811973		18.7	90.1	<0.002	0.02	1.02	10.7	1	1.5	395	0.64	<0.05	12.6	0.270	0.82	3.9
N811974		16.7	89.0	<0.002	0.01	0.85	11.6	<1	1.8	449	0.66	<0.05	12.7	0.293	0.85	3.6
N811975		16.5	86.8	<0.002	<0.01	0.68	11.6	<1	1.8	445	0.65	<0.05	10.8	0.290	0.79	4.2
N811976		17.5	75.7	<0.002	0.01	0.68	10.8	<1	1.7	444	0.64	<0.05	10.4	0.288	0.83	4.0
N811977		16.7	72.5	<0.002	0.01	0.52	10.2	1	1.5	435	0.61	<0.05	9.7	0.284	0.81	3.7
N811978		16.4	88.8	<0.002	0.01	0.76	11.2	1	1.9	459	0.62	<0.05	10.2	0.290	0.83	3.2
N811979		15.9	80.8	<0.002	0.01	0.79	10.2	1	1.9	442	0.58	<0.05	9.9	0.289	0.83	3.6
N811980		17.0	90.7	<0.002	0.01	0.63	11.9	1	1.6	484	0.67	<0.05	11.7	0.310	0.89	3.7
N811981		16.7	82.9	<0.002	0.03	1.54	11.2	<1	1.5	409	0.61	<0.05	9.5	0.294	0.96	3.7
N811982		17.2	102.0	<0.002	0.02	0.75	12.5	1	1.6	460	0.65	<0.05	12.6	0.295	0.90	4.0
N811983		3000	175.5	0.002	4.92	93.3	8.7	<1	8.2	93.4	0.47	0.40	11.3	0.186	2.33	5.6
N811984		17.4	96.6	<0.002	0.01	0.73	12.5	1	1.6	439	0.61	<0.05	11.0	0.303	0.81	3.5
N811985		16.3	88.1	<0.002	0.08	3.43	10.4	1	1.7	371	0.68	<0.05	10.6	0.257	0.98	4.5
N811986		16.9	73.6	<0.002	0.02	1.10	12.4	1	1.9	431	0.59	<0.05	8.5	0.300	0.87	3.0
N811987		32.4	85.5	<0.002	0.01	0.76	11.3	1	1.5	414	0.64	<0.05	11.5	0.287	0.87	3.8
N811988		17.1	83.6	<0.002	0.05	1.32	11.8	1	1.5	402	0.58	<0.05	8.9	0.278	0.91	2.9
N811989		16.2	74.9	<0.002	0.01	0.85	11.7	1	1.5	434	0.58	<0.05	8.3	0.291	0.82	2.9
N811990		15.6	82.8	<0.002	0.04	1.43	11.2	1	1.4	392	0.55	<0.05	9.8	0.275	0.92	2.8
N811991		15.4	81.0	0.002	0.05	1.81	11.6	<1	1.6	389	0.57	<0.05	9.2	0.281	0.98	3.4
N811992		1.8	2.0	<0.002	<0.01	0.12	0.2	<1	0.3	48.0	<0.05	<0.05	0.2	<0.005	<0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12193449

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811957		78	1.7	15.0	49	23.9	<1
N811958		79	2.1	14.8	53	24.7	<1
N811959		88	2.3	16.2	52	27.3	<1
N811960		86	3.0	15.3	50	25.3	<1
N811961		80	1.9	15.7	50	27.5	<1
N811962		88	2.5	13.0	49	26.7	<1
N811963		83	2.3	15.8	49	27.9	<1
N811964		80	3.6	15.9	47	29.5	<1
N811965		74	2.8	14.9	50	28.6	<1
N811966		75	3.5	15.6	48	31.2	<1
N811967		60	5.3	10.8	3130	37.6	9
N811968		77	2.6	14.8	48	31.1	<1
N811969		74	2.5	15.0	44	30.7	<1
N811970		75	1.5	15.8	49	29.8	<1
N811971		69	1.8	16.1	157	25.7	<1
N811972		<1	0.1	0.9	14	<0.5	<1
N811973		75	1.8	15.5	57	28.1	<1
N811974		83	1.8	16.1	52	26.3	<1
N811975		81	2.5	16.4	52	24.6	<1
N811976		81	2.4	15.3	52	24.3	<1
N811977		81	2.6	14.7	53	21.5	<1
N811978		81	2.6	15.4	53	26.7	<1
N811979		81	4.1	13.7	53	21.6	<1
N811980		87	1.8	17.2	54	26.0	<1
N811981		83	2.0	14.9	56	23.3	<1
N811982		81	2.1	18.2	54	24.9	<1
N811983		59	5.1	11.0	5700	25.6	24
N811984		85	2.0	17.7	59	23.5	<1
N811985		72	2.4	16.2	49	25.1	<1
N811986		87	4.4	15.6	53	23.8	<1
N811987		83	1.8	16.7	59	23.8	<1
N811988		80	1.7	15.9	46	22.6	<1
N811989		84	1.9	15.7	50	22.7	<1
N811990		79	2.4	13.9	45	20.8	<1
N811991		83	3.3	13.8	46	22.1	<1
N811992		<1	0.1	0.9	13	<0.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 109

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12193449

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194250

Project: Klaza - 110

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

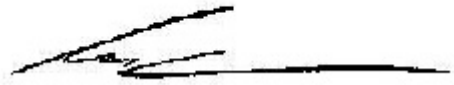
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194250

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355632		5.93	0.111	1.25	6.95	48.2	2290	1.38	1.32	0.47	0.88	46.3	3.6	7	9.98	60.3
M355633		3.73	0.090	5.72	6.12	36.4	2310	1.15	1.44	0.51	0.54	38.8	4.2	7	8.77	62.8
M355634		6.04	0.034	0.40	6.85	23.8	1720	1.44	1.09	0.99	1.15	53.5	6.9	13	10.45	48.8
M355635		5.59	0.019	0.41	7.10	17.1	2660	1.28	0.67	0.60	0.41	41.6	4.1	8	12.35	46.0
M355636		8.78	0.106	2.74	7.04	78.0	2060	1.44	2.68	0.26	0.41	51.3	4.4	8	13.40	97.4
M355637		3.06	0.093	0.76	7.52	74.5	1910	1.36	1.73	0.03	0.30	38.4	5.3	7	11.10	80.2
M355638		3.75	0.118	1.05	7.46	78.6	2260	1.33	2.10	0.03	0.27	48.2	5.1	7	12.60	50.2
M355639		0.26	2.29	23.9	5.61	3180	260	1.12	19.80	2.12	74.8	39.9	9.8	16	13.45	416
M355640		3.90	0.082	0.97	7.36	114.5	2140	1.82	0.94	0.04	0.80	42.0	7.4	7	19.90	142.5
M355641		2.54	0.063	0.72	5.08	46.9	1100	0.96	0.85	0.07	0.41	50.8	6.1	8	10.40	122.5
M355642		2.68	0.158	0.42	7.69	58.4	1450	1.57	1.19	0.38	4.18	56.6	8.5	8	13.00	391
M355643		4.15	0.265	0.60	7.37	38.9	620	1.59	1.71	1.35	4.59	55.2	14.5	8	12.85	98.7
M355644		2.29	<0.005	0.04	0.08	<5	20	<0.05	0.04	20.7	0.09	1.23	0.6	<1	0.17	3.0
M355645		3.69	0.042	0.25	7.60	16.3	2030	1.53	1.07	1.83	3.06	48.7	8.5	10	12.90	63.3
M355646		<0.02	0.043	0.26	7.46	16.2	1960	1.66	1.14	1.80	3.12	53.2	8.8	9	13.20	61.2
M355647		2.38	0.052	0.24	7.72	23.4	2440	1.58	0.60	0.96	4.63	53.9	9.9	8	14.25	138.5
M355648		2.04	0.126	0.30	7.07	20.7	1870	1.42	0.62	0.56	6.14	48.0	14.3	7	12.70	121.0
M355649		2.51	0.271	0.79	7.55	50.1	1960	1.68	1.26	1.29	7.99	63.2	17.9	8	14.65	166.0
M355650		3.60	0.422	1.73	7.65	88.9	740	1.79	3.00	0.37	6.09	86.1	12.1	8	14.00	335
M355651		2.75	<0.005	0.01	0.05	<5	20	0.05	0.03	20.5	0.09	1.31	1.2	<1	0.15	3.1
M355652		2.57	0.198	0.76	7.67	83.9	2380	1.79	1.19	0.48	10.30	64.7	13.3	8	16.85	198.0
M355653		2.20	0.512	2.61	7.60	228	720	1.58	3.40	0.38	7.39	65.8	9.1	8	13.85	237
M355654		6.13	0.156	0.83	7.55	54.5	2220	1.67	1.17	1.37	10.05	56.9	12.8	8	15.15	99.9
M355655		3.14	0.221	1.30	7.50	82.9	850	1.70	1.79	0.63	26.2	56.9	7.2	8	16.25	69.4
M355656		2.61	0.046	0.44	7.30	24.9	2470	1.71	0.62	2.06	1.94	47.4	7.3	11	14.80	29.9
M355657		1.26	0.043	0.37	7.54	22.1	2420	1.61	0.55	2.39	1.11	45.5	6.6	8	13.15	27.0
M355658		2.55	0.671	1.17	7.07	37.1	2040	1.47	1.04	2.22	1.22	48.4	11.1	9	12.05	56.3
M355659		4.04	0.182	1.63	7.17	85.5	2180	1.51	1.07	2.22	13.55	48.4	7.9	10	12.15	38.7
M355660		3.40	1.390	7.64	6.82	98.6	350	1.34	2.92	1.79	32.7	64.4	7.1	9	9.62	247
M355661		0.26	2.38	26.4	5.90	3510	1130	1.30	18.55	2.28	84.9	46.3	11.7	19	16.15	447
M355662		2.42	0.118	1.29	7.11	55.9	1270	1.39	2.53	2.24	3.52	54.3	8.3	8	12.65	65.7
M355663		7.50	0.112	0.97	7.49	50.0	2190	1.58	1.44	1.82	6.45	49.5	6.6	11	14.35	70.2
M355664		3.92	0.137	0.45	6.72	55.0	650	1.40	1.33	1.78	0.78	37.7	18.8	11	13.65	33.6
M355665		4.99	0.311	6.30	7.20	57.3	440	1.59	139.5	2.00	2.79	52.9	12.4	8	14.60	425
M355666		2.27	0.140	1.59	5.14	77.4	420	1.11	2.93	0.55	2.72	32.9	25.0	8	10.70	110.0
M355667		3.07	0.181	1.43	7.12	89.0	400	1.65	3.11	1.62	4.74	52.0	24.9	9	14.15	71.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355632		2.86	15.20	0.13	1.2	0.099	2.84	26.7	12.8	0.44	173	1.61	0.77	5.7	2.7	440
M355633		2.51	13.25	0.12	1.1	0.064	2.68	21.8	9.4	0.43	147	2.39	0.67	5.0	2.6	380
M355634		2.88	14.30	0.11	1.2	0.039	2.71	29.2	13.4	0.68	159	1.21	1.18	5.2	3.2	520
M355635		2.88	14.90	0.11	1.4	0.042	2.64	24.3	10.5	0.69	159	1.12	1.54	6.0	2.2	530
M355636		3.00	15.95	0.12	1.2	0.275	3.21	31.1	8.3	0.46	119	4.40	0.47	4.7	2.3	450
M355637		2.56	17.50	0.12	1.5	0.166	3.50	22.5	16.0	0.31	55	3.81	0.08	5.6	1.9	240
M355638		2.74	17.15	0.12	1.4	0.205	3.58	29.9	13.0	0.32	58	3.08	0.07	5.0	1.4	400
M355639		6.15	13.30	0.11	1.0	1.675	2.47	22.6	21.3	0.85	1820	11.85	0.04	5.4	15.0	420
M355640		4.35	17.10	0.12	1.5	0.315	3.53	24.3	12.8	0.50	119	1.50	0.15	5.4	2.4	740
M355641		2.71	11.05	0.11	0.8	0.201	1.96	32.3	13.7	0.22	62	1.11	0.09	3.7	2.6	410
M355642		3.07	15.90	0.13	1.2	0.168	3.00	30.9	12.9	0.47	424	0.61	0.81	6.6	3.3	580
M355643		3.58	16.40	0.12	1.1	0.210	3.14	31.5	9.4	0.70	535	1.19	1.00	5.6	2.5	510
M355644		0.49	0.20	0.11	<0.1	0.010	0.03	0.6	0.9	12.45	221	0.08	0.01	0.1	1.3	200
M355645		3.10	17.05	0.16	1.2	0.066	2.69	25.2	12.7	0.88	511	0.53	2.23	7.3	2.7	610
M355646		3.00	17.40	0.19	1.2	0.069	2.58	28.1	13.2	0.88	497	0.61	2.11	7.6	2.9	590
M355647		3.12	17.50	0.20	1.4	0.076	2.87	28.1	18.3	0.67	537	0.89	1.54	8.3	3.2	590
M355648		3.38	17.25	0.19	1.3	0.077	2.66	24.3	29.9	0.36	869	1.65	0.30	7.9	4.2	620
M355649		3.50	17.15	0.21	1.2	0.118	3.37	33.8	9.6	0.69	679	1.61	1.13	7.4	3.5	600
M355650		4.66	18.70	0.23	1.2	0.228	3.52	49.9	13.9	0.42	597	2.06	0.22	5.4	3.0	520
M355651		0.44	0.27	0.09	<0.1	<0.005	0.02	0.6	1.0	12.70	198	0.11	0.01	0.2	1.2	180
M355652		4.13	18.55	0.20	1.3	0.234	4.06	34.5	16.3	0.37	528	2.93	0.10	6.2	3.0	600
M355653		4.99	19.20	0.22	1.3	0.415	3.76	35.8	6.4	0.44	575	2.23	0.05	6.2	2.7	400
M355654		3.68	17.40	0.20	1.3	0.156	3.88	29.3	12.1	0.65	1050	3.36	0.77	7.1	3.2	610
M355655		4.20	17.80	0.21	1.2	0.772	3.79	30.8	7.4	0.54	1120	3.09	0.06	6.4	2.6	350
M355656		3.04	17.50	0.19	1.3	0.127	3.25	24.0	9.8	0.73	581	3.74	1.69	7.9	2.8	600
M355657		3.14	16.80	0.19	1.3	0.096	3.25	23.2	9.1	0.78	581	3.67	1.75	7.7	2.9	620
M355658		3.33	16.30	0.20	1.3	0.127	3.03	25.0	8.6	0.75	532	4.03	1.68	7.2	2.6	560
M355659		3.40	17.15	0.20	1.4	0.149	3.43	24.9	9.5	0.78	659	3.31	1.31	7.8	2.9	590
M355660		4.39	17.20	0.22	1.1	0.203	3.07	34.4	9.8	0.73	582	2.51	0.77	6.6	2.5	560
M355661		6.67	15.15	0.20	0.9	1.890	2.71	25.0	24.6	0.93	1960	14.00	0.04	6.3	16.5	450
M355662		3.80	17.15	0.19	1.2	0.139	3.14	28.7	10.4	0.83	570	1.42	1.29	7.4	2.7	580
M355663		3.04	17.55	0.18	1.3	0.129	3.18	25.2	17.0	0.73	601	1.04	1.45	8.2	2.5	630
M355664		2.79	14.60	0.18	1.0	0.066	3.41	20.2	11.3	0.53	326	3.65	0.82	5.9	2.9	520
M355665		3.88	17.55	0.22	1.2	0.253	3.35	28.2	13.5	0.85	534	0.90	1.01	6.3	2.7	560
M355666		3.79	12.60	0.17	0.9	0.076	2.60	17.7	13.7	0.52	298	5.35	0.07	3.4	3.3	430
M355667		3.98	16.65	0.19	1.4	0.100	3.83	27.6	9.2	0.61	520	1.91	0.54	5.4	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355632		37.1	156.0	<0.002	0.22	9.24	9.6	1	3.5	200	0.48	0.28	13.1	0.188	1.74	2.9
M355633		59.3	148.0	<0.002	0.49	7.03	8.3	<1	3.3	162.5	0.45	0.24	10.8	0.174	1.64	3.3
M355634		24.2	117.5	0.002	1.27	4.68	9.3	1	2.2	238	0.45	0.26	13.1	0.180	1.42	3.4
M355635		17.9	115.5	<0.002	0.67	3.44	9.2	<1	2.0	230	0.56	0.13	15.4	0.196	1.52	3.4
M355636		41.1	186.5	0.002	0.76	7.94	10.5	<1	2.5	131.0	0.39	0.23	14.3	0.171	2.12	3.1
M355637		30.0	174.0	<0.002	1.40	10.15	10.7	<1	1.8	65.2	0.47	0.18	13.2	0.173	1.68	2.7
M355638		35.5	198.5	<0.002	0.95	14.45	10.2	1	3.7	92.1	0.45	0.28	16.8	0.165	2.10	3.0
M355639		2740	157.0	0.002	4.48	83.4	8.0	1	7.3	83.4	0.44	0.33	10.9	0.168	2.29	5.5
M355640		111.0	214	<0.002	0.88	9.11	10.8	1	2.7	75.5	0.48	0.14	16.2	0.186	2.62	4.4
M355641		28.8	127.0	<0.002	0.91	21.7	7.9	<1	4.1	45.3	0.30	0.13	13.0	0.125	1.35	4.5
M355642		26.6	190.0	<0.002	1.62	11.60	11.8	1	4.0	87.5	0.59	0.24	17.1	0.227	2.19	4.2
M355643		119.0	191.5	<0.002	2.30	5.69	9.8	1	6.7	141.0	0.48	0.50	14.4	0.190	2.16	2.9
M355644		2.2	1.8	<0.002	0.01	0.18	0.2	<1	0.3	40.8	<0.05	<0.05	0.2	<0.005	<0.02	0.5
M355645		33.3	111.0	<0.002	1.03	5.43	11.2	2	4.0	301	0.61	0.44	14.1	0.242	1.73	3.1
M355646		33.1	118.0	<0.002	0.99	5.44	11.8	2	4.0	291	0.61	0.53	15.5	0.236	1.78	3.4
M355647		28.5	117.0	<0.002	0.50	9.98	11.1	2	4.1	226	0.72	0.20	15.6	0.250	1.58	4.3
M355648		27.7	114.0	<0.002	1.33	21.4	11.3	2	4.8	79.6	0.64	0.22	13.6	0.245	1.72	5.3
M355649		53.9	166.0	<0.002	1.58	9.26	11.8	2	5.8	169.5	0.61	0.42	15.2	0.235	2.37	3.8
M355650		142.5	189.0	<0.002	2.44	24.9	12.3	2	9.6	99.4	0.46	0.60	15.1	0.191	2.89	6.9
M355651		2.1	1.4	<0.002	<0.01	0.08	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355652		66.9	219	<0.002	1.24	11.25	12.0	2	7.6	128.0	0.55	0.38	16.0	0.205	3.35	6.9
M355653		183.5	257	<0.002	3.27	7.21	12.0	2	10.1	40.5	0.56	0.30	15.8	0.197	3.56	5.5
M355654		107.0	202	<0.002	1.47	5.17	11.5	2	6.1	151.0	0.60	0.31	15.6	0.231	3.28	3.8
M355655		176.0	224	<0.002	2.67	9.82	11.0	2	8.9	42.3	0.53	0.28	14.3	0.211	3.91	4.5
M355656		54.2	135.5	<0.002	0.88	4.34	10.9	2	3.8	294	0.65	0.11	13.8	0.241	2.39	3.0
M355657		44.5	135.0	<0.002	0.83	3.74	10.6	2	4.0	300	0.64	0.10	13.6	0.251	2.28	2.7
M355658		105.0	131.5	<0.002	1.35	4.30	10.3	2	5.2	286	0.60	0.27	13.6	0.230	2.03	2.7
M355659		177.5	163.5	<0.002	1.32	7.39	11.0	2	5.0	228	0.64	0.28	13.4	0.250	2.55	3.5
M355660		1630	158.5	<0.002	3.04	9.24	10.9	2	10.0	128.5	0.51	0.52	13.3	0.213	2.38	3.8
M355661		2930	163.0	0.002	4.97	101.0	8.9	2	8.9	95.0	0.50	0.44	11.7	0.185	2.65	5.5
M355662		125.5	143.5	<0.002	1.99	4.93	10.8	2	5.8	201	0.61	0.36	13.2	0.241	2.32	4.2
M355663		151.0	141.5	<0.002	1.04	21.5	11.5	2	4.1	230	0.68	0.30	14.3	0.260	2.15	4.1
M355664		53.1	142.5	<0.002	1.91	6.13	9.1	2	3.2	154.0	0.49	0.21	12.0	0.203	1.95	3.7
M355665		194.5	151.5	<0.002	2.67	6.69	10.7	2	5.9	179.0	0.54	1.43	13.6	0.211	2.47	4.3
M355666		156.5	129.5	<0.002	2.94	10.55	7.9	2	2.4	43.0	0.30	0.45	9.7	0.115	1.71	2.8
M355667		193.0	187.0	<0.002	3.24	5.78	10.4	2	4.6	121.0	0.49	0.61	13.3	0.186	2.61	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M355632		63	9.7	10.5	141	30.6	5
M355633		60	27.4	9.2	107	25.7	4
M355634		63	1.6	14.7	97	29.2	<1
M355635		62	1.6	10.4	102	32.4	<1
M355636		82	3.3	9.2	197	30.0	3
M355637		86	3.7	8.1	86	39.1	<1
M355638		83	3.1	7.3	127	33.8	1
M355639		54	4.9	9.3	5170	22.9	26
M355640		68	1.8	11.9	369	36.8	1
M355641		46	1.6	11.5	159	19.2	1
M355642		64	2.4	20.1	348	29.1	<1
M355643		59	2.4	21.7	251	27.9	<1
M355644		<1	0.1	0.8	14	<0.5	<1
M355645		71	1.5	18.4	212	34.7	<1
M355646		68	1.6	19.4	203	36.7	<1
M355647		68	2.0	20.2	301	41.9	<1
M355648		67	2.7	19.6	383	39.2	<1
M355649		69	2.7	20.4	404	37.4	<1
M355650		72	4.4	21.8	441	36.3	2
M355651		1	0.1	0.9	13	<0.5	<1
M355652		67	2.6	20.6	497	38.9	1
M355653		67	6.6	16.2	379	40.3	2
M355654		69	2.5	20.6	731	38.7	<1
M355655		66	4.6	16.1	1390	37.4	1
M355656		69	1.7	15.6	221	41.8	<1
M355657		71	1.7	15.5	173	39.9	<1
M355658		65	2.0	15.2	118	40.5	<1
M355659		72	2.6	16.4	783	41.5	1
M355660		68	3.0	15.4	1240	35.9	7
M355661		58	5.6	11.1	5560	29.0	26
M355662		69	2.3	17.1	248	38.0	1
M355663		74	2.3	18.2	418	41.2	<1
M355664		72	2.0	12.8	78	31.8	<1
M355665		69	2.7	17.6	171	36.0	6
M355666		67	1.9	13.0	317	27.9	1
M355667		71	2.1	17.9	331	40.9	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 5-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194250

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194251

Project: Klaza - 110

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

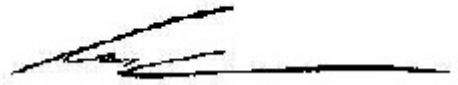
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194251

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355668		5.07	0.279	1.81	7.37	130.5	430	1.63	3.04	2.20	3.78	40.5	13.1	16	12.45	198.0
M355669		2.90	1.955	8.46	5.56	586	170	1.21	11.20	0.55	10.35	27.7	15.8	13	10.65	405
M355670		2.82	<0.005	0.22	0.06	<5	40	<0.05	0.03	20.4	0.06	0.98	0.5	<1	0.12	2.1
M355671		4.44	0.372	1.86	7.25	281	410	1.47	2.82	1.46	3.30	53.3	8.4	10	14.75	240
M355672		0.26	2.30	24.5	5.65	3320	110	1.21	17.15	2.09	73.4	39.6	9.4	16	12.70	431
M355673		6.30	0.396	4.42	4.75	98.8	280	1.15	7.66	0.57	3.83	32.9	20.5	21	7.75	197.0
M355674		5.61	0.081	1.06	6.91	45.1	1420	1.60	1.43	2.04	4.12	48.4	8.1	11	16.15	33.5
M355675		3.43	0.708	10.25	5.46	449	90	1.14	15.90	1.86	53.3	36.8	4.1	7	20.6	484
M355676		0.28	4.25	>100	5.08	7780	950	1.05	63.0	1.82	212	33.5	8.1	16	10.20	1225
M355677		7.51	1.515	3.69	6.67	350	300	1.36	6.18	1.90	8.11	50.3	5.8	9	13.30	359
M355678		3.28	0.242	2.09	7.19	157.0	610	1.72	3.46	2.02	3.87	58.5	7.6	10	18.85	170.5
M355679		3.90	4.81	39.1	5.69	513	260	1.39	91.7	0.12	136.0	40.9	12.2	10	7.37	1310
M355680		2.88	<0.005	0.19	0.05	<5	40	0.05	0.17	19.95	0.15	0.96	0.6	<1	0.18	3.0
M355681		5.07	0.369	1.87	7.02	166.0	320	1.45	4.81	1.24	4.53	51.3	7.9	11	12.45	83.9
M355682		4.15	0.017	0.36	7.04	15.9	2060	1.57	0.81	2.07	0.90	48.5	5.2	13	12.00	16.5
M355683		8.14	0.070	0.26	7.11	24.9	2080	1.63	0.63	2.23	0.49	47.7	6.0	13	10.10	16.9
M355684		7.34	0.016	0.24	7.10	19.0	2290	1.63	0.77	2.25	0.21	46.9	8.2	12	14.85	17.0
M355685		<0.02	0.018	0.25	7.42	19.4	2380	1.73	0.80	2.32	0.19	52.3	8.1	14	15.15	17.4
M355686		4.82	0.015	0.43	7.40	13.9	2220	1.52	0.91	2.03	0.20	50.5	8.1	11	15.15	16.8
M355687		3.21	0.012	0.33	7.73	19.3	1660	1.27	1.14	0.53	0.74	61.1	16.4	10	19.30	23.4
M355688		3.23	0.030	0.38	4.29	19.8	430	0.95	1.66	0.21	0.96	31.0	17.8	19	6.94	30.7
M355689		6.12	0.068	0.59	6.85	41.9	260	1.58	1.98	0.51	1.65	41.3	16.3	15	15.05	29.7
M355690		3.71	0.031	1.08	7.33	130.5	1730	1.62	11.40	1.88	1.04	51.3	7.4	9	23.2	58.9
M355691		5.67	0.009	0.30	7.88	19.3	2930	1.44	1.15	0.92	0.30	58.9	5.3	11	15.70	36.8
M355692		2.17	0.240	6.56	7.13	167.5	330	1.47	35.2	1.54	15.15	48.3	6.4	7	15.85	124.5
M355693		3.09	0.017	0.42	7.54	17.1	2340	1.15	5.83	0.90	0.90	40.0	6.6	11	13.90	48.6
M355694		1.71	0.019	0.40	8.12	19.7	2430	1.31	6.24	0.96	0.86	51.9	6.2	11	15.75	54.6
M355695		2.55	1.260	4.32	6.87	340	400	1.34	75.8	2.32	2.78	52.0	7.1	10	15.40	1595
M355696		3.12	0.026	0.37	7.28	47.3	1240	1.48	2.36	2.20	0.49	50.1	6.1	9	18.05	15.8
M355697		2.34	0.112	2.63	7.10	81.5	740	1.51	9.90	1.50	9.18	53.3	6.6	11	19.35	480
M355698		3.14	0.066	0.86	7.51	37.5	600	1.37	4.25	1.32	1.35	53.5	7.4	11	17.35	51.8
M355699		5.69	0.017	0.57	7.68	35.6	1160	1.66	3.12	1.16	0.48	56.3	8.8	13	18.85	19.5
M355700		2.53	0.018	0.40	6.72	152.0	6210	1.75	0.68	2.17	0.87	48.5	5.3	18	38.2	21.8
M358001		6.04	<0.005	0.14	6.84	9.6	1660	1.89	0.05	3.24	0.20	51.9	4.5	15	39.7	6.7
M358002		4.71	<0.005	0.07	6.72	10.7	1260	2.03	0.03	3.26	0.04	48.1	4.0	13	38.2	5.9
M358003		4.90	0.005	0.32	6.75	24.7	2240	1.65	0.32	3.24	0.20	49.7	5.6	21	14.75	25.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355668		3.57	15.85	0.14	1.4	0.143	3.55	18.8	9.4	0.65	696	1.14	0.63	6.1	2.0	590
M355669		5.80	12.20	0.11	1.0	0.359	2.77	12.6	7.3	0.41	480	3.33	0.04	3.9	2.6	420
M355670		0.46	0.15	0.11	<0.1	0.006	0.02	<0.5	0.9	12.70	195	0.18	<0.01	0.1	1.0	170
M355671		4.02	15.45	0.13	1.4	0.182	3.12	27.4	16.6	0.71	1120	1.83	0.03	6.2	2.2	560
M355672		6.36	12.75	0.13	0.9	1.530	2.62	17.4	21.4	0.87	1830	11.55	0.04	5.0	14.2	430
M355673		3.96	10.25	0.12	0.8	0.164	2.49	14.6	6.5	0.35	352	6.59	0.14	3.2	2.4	390
M355674		3.47	14.65	0.15	1.3	0.193	3.07	23.8	16.9	0.70	785	1.28	0.72	6.3	2.1	540
M355675		5.52	12.75	0.11	0.9	1.840	2.35	15.8	23.6	0.82	1150	10.35	0.04	4.8	1.9	470
M355676		7.40	11.80	0.14	1.1	4.19	2.26	14.9	28.8	0.59	2900	13.45	0.08	4.7	12.7	430
M355677		4.81	14.90	0.13	1.1	0.487	3.20	24.1	6.4	0.90	1960	6.69	0.03	6.3	2.2	520
M355678		3.53	16.40	0.14	1.2	0.375	3.34	29.6	8.1	0.87	1250	6.14	0.03	7.4	2.4	590
M355679		8.62	20.5	0.11	1.0	15.40	2.81	21.3	7.2	0.26	110	9.74	0.04	3.8	2.2	400
M355680		0.46	0.16	0.07	<0.1	0.027	0.02	0.5	1.0	12.40	212	0.09	<0.01	0.1	1.3	140
M355681		4.62	15.90	0.14	1.2	0.234	3.52	29.2	9.6	0.60	788	2.09	0.05	5.5	2.2	510
M355682		2.66	15.15	0.14	1.2	0.079	2.77	26.6	12.7	0.70	431	2.29	1.67	6.8	1.9	570
M355683		2.89	15.70	0.14	1.3	0.064	2.64	25.8	15.6	0.79	471	2.13	1.92	7.2	2.5	570
M355684		2.93	15.90	0.13	1.2	0.083	2.50	26.0	14.0	0.60	407	2.51	1.78	7.2	2.3	580
M355685		3.08	16.10	0.15	1.3	0.092	2.53	28.3	14.1	0.63	427	3.07	1.82	7.4	2.3	610
M355686		2.72	16.05	0.13	1.2	0.111	2.68	28.2	12.2	0.72	344	1.41	1.80	7.2	2.2	590
M355687		2.78	16.45	0.13	1.2	0.098	2.74	34.9	22.8	0.27	471	1.70	0.12	7.3	1.9	610
M355688		2.25	9.88	0.08	0.7	0.058	2.09	17.0	7.9	0.21	200	17.85	0.05	2.8	1.9	290
M355689		3.32	15.30	0.13	1.1	0.133	3.22	20.5	14.8	0.36	484	8.09	0.05	5.3	2.3	530
M355690		3.16	17.00	0.11	1.5	0.206	3.10	27.2	16.2	0.70	1100	1.81	0.07	7.9	2.4	590
M355691		2.99	17.00	0.11	1.4	0.119	2.07	32.5	37.2	0.42	736	1.16	0.04	7.8	2.0	620
M355692		4.11	16.25	0.12	1.2	0.285	2.93	26.2	14.9	0.63	3220	1.52	0.05	6.8	2.1	520
M355693		3.16	16.95	0.11	1.4	0.250	2.89	19.0	30.7	0.39	578	1.32	0.09	7.6	1.9	620
M355694		3.24	17.65	0.13	1.4	0.232	2.98	28.9	33.2	0.42	580	1.14	0.09	7.8	1.8	630
M355695		4.31	15.35	0.14	1.3	0.420	2.87	29.0	11.7	0.84	773	0.96	0.04	5.8	2.6	510
M355696		2.86	16.25	0.13	1.3	0.162	2.78	26.5	19.4	0.78	728	2.11	0.05	6.9	2.3	590
M355697		3.50	16.45	0.14	1.3	0.342	2.69	29.6	22.3	0.65	655	1.30	0.06	6.7	3.1	550
M355698		3.73	15.60	0.11	1.2	0.237	3.07	30.8	15.3	0.60	549	0.92	0.07	6.2	2.2	550
M355699		4.15	16.90	0.12	1.1	0.205	2.69	31.6	24.8	0.68	984	1.17	0.05	6.5	2.6	600
M355700		2.10	17.70	0.10	2.7	0.057	1.68	24.7	132.5	0.80	824	0.83	0.14	7.6	11.3	680
M358001		2.12	16.95	0.13	2.0	0.028	2.50	26.0	39.3	0.93	708	0.35	0.09	7.5	7.1	780
M358002		2.10	17.40	0.13	1.9	0.031	2.50	23.9	40.3	0.94	699	0.29	0.10	7.6	5.6	780
M358003		2.07	17.70	0.12	2.6	0.038	1.02	25.2	136.5	1.07	947	2.17	0.18	8.0	11.3	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355668		246	199.0	0.003	2.19	4.39	9.8	2	4.3	151.5	0.55	0.49	13.7	0.226	2.72	3.7
M355669		466	206	0.005	5.25	81.0	7.2	1	4.7	35.2	0.35	0.44	9.5	0.153	2.55	2.4
M355670		2.2	1.1	<0.002	0.01	0.18	0.1	<1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	0.04	0.4
M355671		131.0	200	0.003	2.30	17.10	9.7	1	3.6	54.9	0.56	0.25	13.6	0.222	2.84	3.3
M355672		2830	154.0	0.002	4.49	88.4	7.2	1	7.4	84.9	0.43	0.31	10.0	0.172	2.29	5.0
M355673		241	143.0	0.003	3.50	9.91	7.1	1	2.9	43.4	0.27	2.32	7.4	0.136	1.66	2.1
M355674		101.0	138.0	0.002	1.43	5.64	9.3	1	3.6	166.5	0.55	0.41	11.7	0.225	2.25	3.2
M355675		914	144.0	0.003	5.48	112.0	7.1	1	9.0	150.0	0.42	0.41	9.7	0.173	2.10	4.4
M355676		9400	131.5	0.003	6.55	203	6.5	1	8.2	120.0	0.40	0.36	8.7	0.173	2.10	5.1
M355677		169.0	183.0	0.002	3.57	29.0	9.2	1	5.0	76.5	0.55	0.51	12.7	0.213	3.17	4.3
M355678		105.0	188.0	0.002	2.11	21.8	10.7	1	5.2	79.1	0.62	0.44	13.8	0.236	3.55	4.6
M355679		3860	183.0	<0.002	9.58	163.0	8.3	3	21.8	31.1	0.34	1.62	9.2	0.129	2.27	2.5
M355680		4.6	1.2	0.002	0.01	0.33	0.1	<1	0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M355681		150.0	204	0.002	3.79	16.40	10.1	1	6.8	54.5	0.49	0.57	12.2	0.199	2.71	3.5
M355682		24.8	111.0	0.003	0.34	7.01	9.7	1	2.1	277	0.57	0.19	12.5	0.236	1.32	3.4
M355683		22.4	106.0	<0.002	0.40	4.70	10.6	1	2.2	314	0.61	0.08	12.9	0.238	1.23	3.6
M355684		16.4	90.5	<0.002	0.58	8.23	10.9	1	2.8	290	0.61	0.15	12.5	0.250	1.21	3.9
M355685		16.4	100.5	0.003	0.60	8.20	11.4	<1	3.0	300	0.62	0.21	13.1	0.265	1.18	4.2
M355686		15.6	105.5	<0.002	0.82	5.23	10.4	1	3.6	269	0.65	0.18	13.1	0.240	1.29	3.5
M355687		18.6	125.5	0.002	0.86	18.05	10.4	1	4.0	62.5	0.59	0.14	13.6	0.247	1.70	3.3
M355688		28.2	102.0	0.002	1.71	10.70	5.8	<1	3.0	17.2	0.25	0.32	7.3	0.100	1.24	2.3
M355689		40.8	152.0	<0.002	2.36	10.15	9.6	1	4.3	37.7	0.46	0.15	12.3	0.193	2.44	2.7
M355690		51.9	125.5	<0.002	0.84	19.05	11.6	1	4.0	74.5	0.67	0.16	13.1	0.251	2.41	4.2
M355691		18.5	98.5	<0.002	0.27	26.3	11.2	<1	2.6	72.3	0.67	<0.05	15.0	0.252	1.38	3.1
M355692		462	137.0	<0.002	2.30	29.9	9.9	1	4.9	52.0	0.57	0.27	12.8	0.221	2.72	4.1
M355693		24.5	102.5	<0.002	0.46	15.55	10.5	1	3.3	67.4	0.68	0.35	12.4	0.256	1.44	2.8
M355694		24.2	116.0	<0.002	0.46	17.65	11.0	1	3.3	71.5	0.67	0.34	14.4	0.256	1.48	2.9
M355695		135.5	125.5	0.003	2.53	146.0	8.9	1	7.2	56.3	0.55	2.35	12.5	0.205	2.14	5.9
M355696		37.1	103.0	<0.002	0.73	8.95	10.1	1	3.5	66.7	0.59	0.24	12.2	0.240	2.11	6.6
M355697		199.5	113.0	<0.002	1.17	66.5	9.7	1	4.3	73.2	0.57	0.39	12.2	0.227	1.82	4.1
M355698		45.5	137.5	<0.002	1.72	10.60	10.1	<1	3.6	57.8	0.52	0.37	13.6	0.218	2.10	3.6
M355699		40.7	137.5	0.002	1.21	11.05	11.2	1	3.7	55.1	0.52	0.29	13.3	0.230	2.22	3.2
M355700		60.3	64.2	<0.002	0.42	8.58	6.0	1	1.9	340	0.62	<0.05	9.2	0.239	1.18	11.3
M358001		27.4	94.5	<0.002	0.08	3.23	5.5	1	1.1	365	0.58	<0.05	8.7	0.253	1.47	3.5
M358002		18.3	88.9	0.002	0.04	3.60	5.5	1	1.2	366	0.61	<0.05	7.8	0.247	1.46	3.0
M358003		30.1	34.3	0.002	0.22	4.92	6.2	1	1.5	330	0.60	<0.05	8.5	0.250	0.85	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M355668		73	1.9	15.1	341	33.7	1	
M355669		58	4.8	9.2	793	24.0	8	
M355670		3	0.1	0.7	15	<0.5	<1	
M355671		66	3.6	12.3	453	33.0	1	
M355672		55	4.6	8.6	5290	21.8	26	
M355673		59	2.9	9.4	307	19.5	4	
M355674		65	2.3	13.3	389	34.1	1	
M355675		49	6.7	7.8	3900	23.0	10	
M355676		51	4.1	8.3	>10000	28.4	122	1.580
M355677		60	5.5	11.2	704	27.7	3	
M355678		68	3.8	14.3	517	29.9	1	
M355679		48	6.3	9.2	9770	24.3	38	
M355680		3	0.1	0.7	22	<0.5	<1	
M355681		64	5.1	11.8	448	27.7	2	
M355682		65	1.6	14.4	118	29.9	<1	
M355683		65	1.3	15.6	80	32.7	<1	
M355684		73	2.0	14.2	65	30.5	<1	
M355685		75	1.8	15.1	67	30.8	<1	
M355686		70	1.5	14.2	59	29.8	<1	
M355687		70	2.2	15.5	117	30.4	<1	
M355688		62	1.5	8.2	105	16.9	1	
M355689		66	4.2	11.3	170	27.3	<1	
M355690		74	4.7	16.1	158	36.7	<1	
M355691		69	3.5	14.7	63	33.8	<1	
M355692		63	4.1	12.9	1320	29.0	6	
M355693		72	3.0	12.0	81	33.4	<1	
M355694		73	3.0	14.2	80	34.9	<1	
M355695		64	4.1	14.4	299	31.3	5	
M355696		70	3.1	12.8	66	31.2	1	
M355697		63	3.5	13.0	580	31.9	3	
M355698		64	3.2	13.7	162	28.2	1	
M355699		69	3.6	12.8	91	27.0	<1	
M355700		48	2.4	9.7	143	75.3	1	
M358001		48	1.3	9.8	73	55.2	1	
M358002		47	1.3	9.9	51	52.3	<1	
M358003		49	3.8	10.4	73	81.1	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194251

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194252

Project: Klaza - 110

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

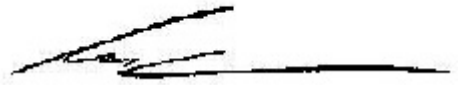
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194252

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358004		3.36	0.429	16.65	4.70	422	230	1.05	60.3	5.83	11.30	44.6	6.3	11	11.15	876
M358005		3.72	0.006	0.67	7.64	25.1	1540	1.65	1.42	2.08	2.13	41.9	6.6	8	21.7	37.9
M358006		2.98	<0.005	0.03	0.06	<5	30	0.06	0.04	20.3	0.08	1.13	0.6	<1	0.14	2.4
M358007		4.31	0.461	3.41	4.91	116.5	480	0.91	11.20	0.70	2.17	30.6	13.4	8	10.85	101.5
M358008		7.20	0.010	0.63	7.14	13.3	2490	1.40	2.00	2.53	1.05	44.1	5.0	8	10.15	49.2
M358009		8.16	0.010	0.86	7.82	16.1	2300	1.49	2.83	2.55	0.88	51.0	7.8	9	7.85	47.9
M358010		8.61	0.030	0.88	7.74	19.9	2280	1.45	1.55	2.32	0.76	57.2	7.6	8	10.60	75.6
M358011		0.27	4.16	>100	5.62	8040	1110	1.12	63.8	1.95	223	35.6	8.5	18	11.10	1290
M358012		2.95	0.025	0.23	7.79	18.0	2400	1.58	0.59	2.67	0.41	53.6	4.8	10	11.25	8.3
M358013		2.80	0.021	0.46	7.87	29.3	2340	1.41	0.83	1.26	1.72	56.6	6.9	9	17.30	17.5
M358014		2.96	1.215	>100	5.42	3190	650	0.94	344	1.36	75.0	31.8	3.6	6	6.86	9150
M358015		2.60	<0.005	0.16	0.06	<5	30	0.06	0.35	21.1	0.11	1.25	0.5	<1	0.14	12.6
M358016		4.84	0.117	0.77	7.50	56.0	1860	1.59	1.72	2.69	6.17	45.2	7.0	9	14.70	18.5
M358017		3.91	0.018	0.50	7.57	17.0	2230	1.35	1.55	2.84	4.13	47.7	4.4	8	10.50	21.1
M358018		7.71	0.010	0.34	7.85	14.3	2270	1.39	1.15	2.31	0.52	49.4	4.8	9	7.42	61.0
M358019		8.06	<0.005	0.15	7.90	10.5	2290	1.53	3.45	2.22	0.22	58.6	6.2	12	7.79	20.2
M358020		7.76	0.009	0.31	7.87	12.9	2370	1.60	1.39	2.41	2.48	51.1	5.7	16	6.95	15.2
M358021		7.99	<0.005	0.15	7.72	9.2	2370	1.55	0.39	2.38	0.25	51.2	6.9	11	7.33	7.9
M358022		8.21	0.008	0.19	7.65	14.2	2300	1.63	0.47	2.53	0.80	49.2	7.6	10	8.96	11.4
M358023		<0.02	0.007	0.19	7.64	14.2	2250	1.59	0.45	2.48	0.75	56.3	7.5	9	9.23	11.4
M358024		7.17	0.010	0.24	7.47	10.9	2130	1.50	2.13	2.56	0.28	49.2	5.4	10	12.45	26.2
M358025		2.72	0.006	0.39	8.40	19.8	1920	1.40	1.89	1.25	1.95	59.7	6.3	7	16.70	12.3
M358026		3.45	0.719	33.6	6.84	763	310	1.19	113.0	1.79	94.0	57.0	4.5	6	13.00	667
M358027		3.09	0.019	0.77	7.38	18.7	2070	1.71	3.05	2.21	0.72	46.2	4.3	8	12.75	27.4
M358028		0.26	0.784	9.94	7.33	1845	1280	1.50	6.73	1.95	41.0	48.8	15.9	20	16.25	110.5
M358029		9.18	0.014	0.25	7.55	9.5	2300	1.40	1.01	2.42	0.20	46.5	5.5	10	7.10	18.1
M358030		6.93	<0.005	0.27	7.26	13.6	2180	1.53	1.11	2.08	0.29	54.0	6.2	9	9.61	6.2
M358031		2.34	<0.005	0.19	7.90	14.2	2390	1.33	0.92	1.70	0.29	53.5	6.2	7	12.00	22.1
M358032		3.37	0.005	0.13	6.50	19.5	1670	1.03	1.41	2.33	0.11	54.7	12.8	11	20.0	2.9
M358033		4.34	0.013	0.13	7.12	14.6	2320	1.43	0.71	2.28	0.13	46.1	5.4	7	9.04	8.1
M358034		5.18	0.031	0.31	7.69	18.4	2230	1.51	4.01	2.29	0.25	53.4	5.7	9	8.24	38.1
M358035		2.89	0.021	0.27	7.63	14.2	2370	1.37	3.00	2.22	0.16	53.4	5.2	9	7.96	36.7
M358036		2.69	0.643	0.52	7.10	39.4	1930	1.60	2.36	2.38	0.40	52.1	5.1	9	7.73	26.6
M358037		2.58	0.054	0.56	6.29	15.0	1800	1.24	2.51	2.63	0.27	45.7	9.9	8	11.90	53.9
M358038		4.23	0.010	0.23	7.58	9.4	2250	1.57	1.02	2.39	0.21	48.7	4.7	9	9.08	14.1
M358039		3.48	0.010	0.30	7.44	10.9	1870	1.69	1.61	2.34	1.15	55.1	6.7	7	8.90	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358004		5.92	12.40	0.15	1.9	0.933	1.15	24.0	50.2	1.96	3440	9.26	0.06	5.4	10.7	400
M358005		2.74	16.20	0.15	1.3	0.173	2.20	18.3	24.9	0.44	712	1.16	0.09	7.7	3.0	580
M358006		0.47	0.16	0.12	<0.1	0.007	0.02	0.5	1.1	13.15	228	0.13	0.01	0.1	1.4	180
M358007		3.30	11.10	0.16	0.8	0.190	1.98	15.4	11.1	0.35	402	14.00	0.11	3.2	2.5	310
M358008		2.93	15.30	0.17	1.3	0.119	2.37	19.9	11.3	0.76	514	1.48	1.88	7.7	2.7	590
M358009		3.38	16.65	0.18	1.3	0.166	2.54	24.1	10.4	0.95	624	0.97	2.49	8.4	3.1	660
M358010		2.83	16.15	0.19	1.3	0.163	2.80	29.1	13.9	0.89	554	1.42	2.19	7.9	2.8	580
M358011		7.57	12.80	0.15	1.1	4.18	2.31	16.6	27.9	0.63	3000	14.70	0.08	5.2	13.5	450
M358012		2.76	15.70	0.17	1.3	0.085	2.83	26.1	11.1	0.74	568	1.23	2.16	7.5	2.7	590
M358013		3.03	16.60	0.16	1.3	0.140	2.92	28.4	25.7	0.48	741	1.18	0.33	7.9	2.6	610
M358014		8.35	14.10	0.16	0.7	7.32	2.38	16.5	13.3	0.61	619	8.95	0.03	4.2	2.3	370
M358015		0.44	0.18	0.10	<0.1	0.012	0.02	0.6	0.9	13.65	199	0.20	0.01	0.1	1.3	180
M358016		2.90	15.85	0.19	1.2	0.200	3.16	20.0	9.1	0.55	688	3.10	0.76	6.6	2.4	600
M358017		3.05	15.25	0.16	1.3	0.140	2.61	22.2	9.4	0.78	714	0.67	1.87	7.1	2.4	580
M358018		3.46	16.50	0.16	1.3	0.135	2.43	24.3	11.9	0.89	563	1.68	2.52	7.8	2.6	580
M358019		3.03	16.70	0.19	1.5	0.110	2.79	28.5	11.7	0.95	493	1.73	2.47	8.0	2.8	620
M358020		3.00	16.80	0.18	1.4	0.182	2.89	25.4	11.4	0.90	577	1.89	2.42	8.0	2.7	600
M358021		3.02	16.15	0.20	1.5	0.062	2.79	24.8	12.3	0.88	581	2.02	2.51	8.0	2.8	600
M358022		3.16	16.60	0.16	1.4	0.085	2.82	23.0	15.0	0.86	608	2.40	2.24	8.4	3.2	600
M358023		2.95	16.85	0.21	1.4	0.075	2.84	26.3	15.0	0.85	588	2.47	2.19	8.3	2.9	580
M358024		3.04	16.25	0.18	1.4	0.134	2.80	22.6	11.6	0.76	567	3.53	2.03	7.4	2.8	590
M358025		3.14	17.15	0.19	1.5	0.175	3.30	31.1	22.9	0.56	997	2.91	0.16	8.4	2.6	630
M358026		6.72	18.80	0.18	1.2	4.73	2.94	30.2	8.3	0.73	10500	2.12	0.03	6.2	2.5	480
M358027		3.17	15.60	0.16	1.5	0.466	3.45	21.3	13.1	0.62	965	1.17	0.95	7.5	2.4	560
M358028		5.31	15.00	0.17	1.3	0.853	3.01	23.6	22.4	0.74	2050	12.20	0.28	7.0	15.6	510
M358029		3.08	16.40	0.16	1.4	0.107	2.85	21.5	11.3	0.82	582	1.46	2.31	7.8	2.8	600
M358030		2.67	15.85	0.17	1.3	0.134	2.79	26.1	12.0	0.77	557	1.16	2.14	7.3	2.5	550
M358031		2.93	16.50	0.17	1.3	0.174	2.83	26.9	20.6	0.42	646	0.80	0.90	7.5	2.4	580
M358032		3.13	13.70	0.16	1.0	0.331	1.74	28.6	12.4	0.71	553	0.74	1.65	6.2	2.8	470
M358033		2.80	15.00	0.16	1.4	0.116	2.44	21.9	11.9	0.76	573	0.69	2.20	7.2	2.4	530
M358034		3.16	16.30	0.17	1.5	0.074	2.46	25.0	14.8	0.81	598	0.61	2.37	7.8	2.7	580
M358035		3.02	15.55	0.18	1.5	0.067	2.46	25.6	14.2	0.79	561	0.62	2.45	7.6	2.6	570
M358036		3.95	15.50	0.16	1.4	0.149	2.28	25.7	10.1	0.87	698	0.43	1.66	7.2	2.5	580
M358037		3.34	12.35	0.17	1.7	0.347	1.99	24.3	9.2	0.63	585	2.10	0.74	5.1	2.4	440
M358038		3.18	15.85	0.18	1.5	0.095	2.78	22.4	13.5	0.80	568	1.08	2.26	8.0	2.6	600
M358039		4.76	16.85	0.16	1.2	0.144	1.95	26.6	14.3	0.86	648	0.53	2.10	7.2	2.4	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358004		286	58.2	<0.002	4.25	91.7	5.5	4	5.6	237	0.46	0.42	8.4	0.163	1.31	7.7
M358005		62.7	89.5	<0.002	0.68	14.80	9.8	1	3.1	93.9	0.67	0.12	11.5	0.238	1.71	3.4
M358006		1.4	0.9	<0.002	0.01	0.05	0.2	<1	0.2	45.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M358007		71.6	116.5	<0.002	2.55	35.5	5.7	1	4.2	35.3	0.32	0.22	8.2	0.105	1.36	4.5
M358008		34.9	78.8	<0.002	0.31	3.17	10.3	2	3.3	320	0.64	<0.05	11.0	0.247	1.07	3.0
M358009		35.2	87.8	<0.002	0.48	3.51	11.5	1	2.9	394	0.64	0.08	11.3	0.281	1.10	3.5
M358010		29.5	115.0	<0.002	0.49	4.86	10.5	1	3.4	349	0.62	0.22	12.6	0.240	1.31	3.8
M358011		9430	138.5	<0.002	6.66	203	7.5	1	8.7	117.0	0.40	0.46	8.7	0.173	2.07	5.3
M358012		22.6	108.5	<0.002	0.23	3.21	10.4	1	2.5	344	0.63	0.06	12.5	0.242	1.33	3.5
M358013		70.3	132.5	<0.002	0.53	14.10	11.2	1	3.4	109.5	0.61	<0.05	13.6	0.250	1.86	5.1
M358014		8810	137.0	<0.002	9.10	1450	6.8	3	19.5	28.2	0.34	1.34	8.6	0.141	2.07	6.0
M358015		8.0	1.1	<0.002	0.02	2.16	0.2	1	0.3	43.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M358016		80.1	156.5	<0.002	1.29	6.03	9.3	1	3.2	142.5	0.53	0.24	11.6	0.209	2.55	3.9
M358017		90.1	97.0	<0.002	0.57	5.88	9.7	1	2.6	307	0.64	0.18	11.9	0.237	1.53	3.3
M358018		27.2	94.4	<0.002	0.36	4.56	10.8	1	2.7	391	0.64	0.07	12.9	0.241	1.24	4.1
M358019		17.9	110.0	<0.002	0.26	2.58	11.2	1	2.8	386	0.68	0.05	13.9	0.251	1.22	4.3
M358020		35.7	102.5	<0.002	0.25	2.88	10.6	1	2.4	384	0.67	<0.05	12.7	0.249	1.17	3.8
M358021		20.1	102.5	<0.002	0.16	2.28	10.5	1	2.1	394	0.68	<0.05	12.2	0.244	1.06	3.9
M358022		25.4	103.5	<0.002	0.16	2.80	10.6	1	2.0	363	0.65	<0.05	11.4	0.250	1.15	3.5
M358023		25.5	109.5	<0.002	0.17	2.73	10.9	1	2.1	354	0.66	<0.05	12.6	0.247	1.11	3.7
M358024		20.2	104.5	<0.002	0.19	3.01	11.0	<1	2.2	323	0.65	0.08	11.3	0.254	1.33	3.2
M358025		36.5	140.0	<0.002	0.45	13.20	11.6	1	2.6	85.5	0.70	0.07	15.6	0.263	2.09	6.7
M358026		1460	145.5	<0.002	6.29	32.9	9.0	1	15.1	35.6	0.53	0.33	11.6	0.197	3.19	4.2
M358027		32.5	135.0	<0.002	0.29	5.18	9.6	1	3.0	180.5	0.67	0.05	11.9	0.230	2.42	3.8
M358028		1400	167.0	<0.002	3.05	33.5	9.2	1	6.1	150.5	0.60	0.33	12.3	0.204	2.53	5.2
M358029		20.4	94.9	<0.002	0.24	2.53	10.3	1	2.2	371	0.66	0.07	11.3	0.252	1.21	3.4
M358030		21.8	110.5	<0.002	0.30	3.13	10.3	1	2.1	332	0.65	0.05	13.3	0.225	1.25	3.4
M358031		22.4	114.0	<0.002	0.33	18.15	10.6	1	2.7	141.0	0.65	0.10	14.1	0.240	1.37	3.3
M358032		11.4	91.9	<0.002	0.78	6.56	9.1	1	2.9	183.5	0.54	0.18	11.3	0.192	1.19	2.6
M358033		18.4	84.1	<0.002	0.25	3.17	9.7	1	2.0	333	0.65	<0.05	12.0	0.227	1.14	3.1
M358034		22.0	94.3	<0.002	0.18	3.18	10.6	1	2.6	402	0.65	<0.05	13.3	0.244	1.06	3.5
M358035		20.2	84.3	<0.002	0.11	2.87	10.5	1	2.2	432	0.66	0.05	13.4	0.237	1.01	3.6
M358036		55.3	118.0	<0.002	1.11	3.83	10.5	1	3.6	259	0.63	0.16	12.3	0.236	1.45	3.4
M358037		27.2	123.5	<0.002	0.98	5.63	8.4	1	3.6	170.5	0.43	0.25	11.3	0.163	1.56	3.8
M358038		21.3	84.4	<0.002	0.16	3.78	10.5	<1	2.6	363	0.69	0.10	11.6	0.255	1.13	3.3
M358039		58.0	77.3	<0.002	0.44	4.07	10.1	1	2.8	364	0.61	0.18	11.6	0.230	1.13	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358004		40	9.3	13.9	948	68.7	17	
M358005		66	1.7	13.4	189	35.6	<1	
M358006		2	0.1	0.8	18	<0.5	<1	
M358007		56	4.1	8.1	168	20.3	3	
M358008		70	1.6	14.7	116	36.7	<1	
M358009		78	1.9	17.5	104	36.9	<1	
M358010		66	3.3	16.6	83	37.5	<1	
M358011		52	4.2	9.4	>10000	31.2	119	1.570
M358012		69	1.3	16.9	70	35.7	<1	
M358013		70	7.0	16.6	195	35.8	<1	
M358014		45	7.6	9.1	4890	20.8	156	
M358015		3	0.1	0.8	20	<0.5	<1	
M358016		63	2.6	14.3	502	33.8	<1	
M358017		66	1.9	15.2	365	32.1	<1	
M358018		67	1.6	17.1	76	36.4	<1	
M358019		73	4.3	17.7	45	39.6	<1	
M358020		69	1.8	17.2	203	40.6	<1	
M358021		69	3.2	16.5	53	41.1	<1	
M358022		71	3.9	16.9	93	43.2	<1	
M358023		69	3.7	17.6	88	42.0	<1	
M358024		73	1.9	15.5	62	36.6	<1	
M358025		71	4.1	18.7	186	42.4	<1	
M358026		56	7.5	13.6	5450	31.3	34	
M358027		64	3.1	14.8	109	37.2	<1	
M358028		60	6.2	11.9	3140	38.0	9	
M358029		71	2.6	16.3	59	39.2	<1	
M358030		63	1.8	17.0	62	36.2	<1	
M358031		66	3.5	17.1	69	35.1	<1	
M358032		60	1.6	15.4	56	27.4	<1	
M358033		63	1.6	15.5	61	36.0	<1	
M358034		68	1.9	17.6	64	39.3	<1	
M358035		65	1.6	17.5	52	40.3	<1	
M358036		65	2.5	16.0	104	37.8	<1	
M358037		56	2.0	15.1	67	24.1	<1	
M358038		70	1.5	15.7	72	40.2	<1	
M358039		74	2.1	15.7	153	31.9	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194252

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194253

Project: Klaza

P.O. No.: Batch 4

This report is for 175 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002501		0.24	0.007	0.4	1.99	15	<10	300	0.5	<2	0.31	<0.5	7	26	27	2.46
DD002502		0.24	0.064	0.9	1.41	63	<10	170	<0.5	<2	0.29	0.8	7	22	29	2.22
DD002503		0.30	0.067	0.6	1.11	27	<10	390	0.6	<2	0.35	1.7	5	18	25	2.41
DD002504		0.23	0.024	0.8	1.82	23	<10	280	0.5	<2	0.29	<0.5	8	25	42	3.10
DD002505		0.24	0.026	0.3	1.61	14	<10	290	<0.5	<2	0.27	<0.5	10	23	24	2.17
DD002506		0.29	0.013	0.3	1.59	15	<10	240	<0.5	<2	0.33	0.5	8	23	22	2.33
DD002507		0.30	0.017	0.6	1.88	19	<10	280	0.5	<2	0.29	<0.5	10	25	23	2.41
DD002508		0.24	0.013	0.4	2.06	14	<10	280	0.5	<2	0.30	<0.5	6	26	28	2.62
DD002509		0.24	0.025	0.5	1.84	18	<10	200	<0.5	<2	0.32	<0.5	7	24	20	2.42
DD002510		0.22	0.017	0.2	1.65	18	<10	170	<0.5	<2	0.29	<0.5	9	23	19	2.13
DD002511		0.21	0.012	0.2	1.55	13	<10	180	<0.5	<2	0.31	<0.5	8	20	14	1.95
DD002512		0.28	0.025	0.2	1.69	15	<10	140	<0.5	<2	0.24	<0.5	9	19	19	2.63
DD002513		0.22	0.009	0.5	1.70	14	<10	110	<0.5	<2	0.27	<0.5	5	22	21	2.43
DD002514		0.17	0.010	0.2	1.89	24	<10	310	0.6	<2	0.31	<0.5	15	19	25	4.49
DD002515		0.21	0.007	0.2	1.69	19	<10	160	0.5	<2	0.20	<0.5	15	22	22	3.39
DD002516		0.11	<0.005	0.2	1.65	13	<10	110	<0.5	<2	0.15	<0.5	6	23	17	2.57
DD002517		0.15	0.011	1.2	1.50	17	<10	130	<0.5	<2	0.17	<0.5	7	21	17	3.03
DD002518		0.19	0.015	0.3	1.62	20	<10	190	0.5	<2	0.24	<0.5	20	21	33	3.56
DD002519		0.14	0.026	1.1	1.76	36	<10	260	0.7	4	0.47	<0.5	10	20	54	4.03
DD002520		0.13	<0.005	0.3	1.58	16	<10	90	<0.5	<2	0.15	<0.5	6	26	15	2.93
DD002521		0.16	<0.005	0.4	1.61	28	<10	130	<0.5	<2	0.17	<0.5	10	20	23	2.84
DD002522		0.20	0.005	1.9	1.50	185	<10	220	<0.5	<2	0.52	<0.5	17	11	31	3.26
DD002523		0.17	0.007	0.8	1.69	34	<10	230	<0.5	<2	0.50	<0.5	9	17	28	2.33
DD002524		0.23	0.005	0.4	1.71	31	<10	180	<0.5	<2	0.50	<0.5	9	18	25	3.39
DD002525		0.11	0.007	0.6	1.15	11	<10	210	<0.5	<2	0.54	<0.5	6	12	21	1.56
DD002526		0.12	0.010	1.3	2.32	23	<10	470	0.8	<2	0.64	0.5	7	28	53	2.69
DD002527		0.17	<0.005	0.8	1.67	24	<10	300	<0.5	<2	0.63	<0.5	9	19	27	2.47
DD002528		0.20	0.007	0.7	1.85	21	<10	300	0.5	<2	0.42	<0.5	8	23	26	2.28
DD002529		0.12	0.005	0.5	1.31	15	<10	230	<0.5	<2	0.42	<0.5	6	15	16	2.06
DD002530		0.12	0.005	0.9	1.67	20	<10	300	<0.5	<2	0.52	<0.5	6	18	20	2.24
DD002531		0.07	<0.005	0.8	1.70	34	<10	360	<0.5	<2	0.54	0.7	6	19	28	2.27
DD002532		0.11	0.005	0.7	1.80	27	<10	310	<0.5	<2	0.60	0.5	6	21	23	2.15
DD002533		0.19	0.006	0.3	1.60	22	<10	240	<0.5	<2	0.46	<0.5	7	20	19	2.32
DD002534		0.26	0.008	0.2	1.05	59	<10	180	<0.5	<2	0.40	<0.5	9	16	18	2.88
DD002535		0.19	<0.005	0.3	1.69	9	<10	240	<0.5	<2	0.39	<0.5	7	19	18	1.67
DD002536		0.22	0.005	0.5	1.07	24	<10	280	<0.5	<2	0.37	0.5	6	20	15	1.89
DD002537		0.15	<0.005	0.3	1.20	10	<10	120	<0.5	<2	0.19	<0.5	8	15	18	2.44
DD002538		0.17	0.020	1.3	0.93	14	<10	160	<0.5	<2	0.20	<0.5	3	14	38	1.68
DD002539		0.26	0.015	0.4	1.41	14	<10	160	<0.5	<2	0.17	<0.5	7	22	55	2.08
DD002540		0.20	0.035	1.5	2.40	43	<10	240	0.7	2	0.15	<0.5	13	37	214	3.78

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002501		10	<1	0.09	10	0.46	196	<1	0.02	13	670	20	<0.01	<2	4	21
DD002502		<10	<1	0.09	20	0.42	291	<1	0.02	14	680	63	<0.01	<2	3	17
DD002503		<10	<1	0.08	30	0.32	168	<1	0.02	8	790	100	<0.01	<2	5	23
DD002504		10	<1	0.09	20	0.44	372	<1	0.02	11	670	47	0.01	<2	4	22
DD002505		<10	<1	0.08	20	0.45	232	<1	0.02	13	570	18	<0.01	<2	5	18
DD002506		<10	<1	0.09	10	0.48	197	<1	0.02	14	760	22	<0.01	<2	5	20
DD002507		10	<1	0.10	10	0.52	337	<1	0.02	15	610	38	<0.01	<2	6	20
DD002508		10	<1	0.09	10	0.54	187	1	0.02	13	740	17	0.01	<2	6	23
DD002509		10	<1	0.11	10	0.53	311	1	0.02	13	660	20	<0.01	<2	5	21
DD002510		10	<1	0.07	10	0.51	190	1	0.02	9	800	22	0.01	<2	5	19
DD002511		<10	<1	0.08	10	0.52	173	<1	0.02	9	700	18	0.01	<2	5	19
DD002512		10	<1	0.09	10	0.55	269	1	0.02	8	480	23	<0.01	<2	5	18
DD002513		10	<1	0.07	10	0.54	231	1	0.02	10	610	49	0.03	<2	4	21
DD002514		10	<1	0.13	20	0.71	1120	1	0.03	8	620	28	0.04	2	7	39
DD002515		<10	<1	0.08	10	0.53	736	1	0.02	12	410	28	0.02	2	5	18
DD002516		10	<1	0.05	10	0.35	226	1	0.02	10	540	18	0.03	<2	2	17
DD002517		10	<1	0.08	10	0.32	311	1	0.02	8	520	56	0.05	2	3	23
DD002518		<10	<1	0.08	10	0.58	879	2	0.02	10	420	28	0.02	2	5	30
DD002519		<10	<1	0.09	20	0.37	662	2	0.02	12	840	59	0.04	3	5	60
DD002520		10	<1	0.06	10	0.37	271	1	0.01	11	450	17	0.03	<2	3	16
DD002521		<10	<1	0.05	10	0.36	828	2	0.01	8	610	25	0.03	2	3	19
DD002522		<10	<1	0.06	10	0.51	1135	3	0.03	5	1100	65	0.03	<2	5	44
DD002523		<10	<1	0.06	10	0.56	713	1	0.02	8	960	26	0.04	<2	5	46
DD002524		<10	<1	0.06	10	0.64	599	1	0.02	7	920	22	0.03	<2	5	36
DD002525		<10	<1	0.05	10	0.27	275	<1	0.03	6	790	7	0.06	<2	3	46
DD002526		10	<1	0.09	20	0.50	307	<1	0.02	14	1120	24	0.13	<2	8	61
DD002527		<10	<1	0.07	10	0.40	718	1	0.03	9	870	15	0.07	<2	5	57
DD002528		<10	<1	0.09	20	0.50	327	<1	0.02	11	680	21	0.04	<2	6	38
DD002529		<10	<1	0.06	10	0.33	356	<1	0.02	7	640	10	0.04	<2	3	36
DD002530		<10	<1	0.08	10	0.38	298	1	0.02	8	790	11	0.06	<2	4	45
DD002531		<10	<1	0.08	20	0.36	142	1	0.02	8	990	12	0.14	<2	4	50
DD002532		<10	<1	0.09	10	0.43	309	<1	0.02	9	970	12	0.10	<2	4	51
DD002533		<10	<1	0.07	10	0.45	368	<1	0.02	8	640	11	0.04	<2	4	37
DD002534		<10	<1	0.09	10	0.46	477	1	0.03	8	810	17	0.02	3	4	28
DD002535		<10	<1	0.05	10	0.40	280	<1	0.03	9	900	10	0.07	<2	3	35
DD002536		<10	<1	0.05	10	0.32	1150	1	0.01	7	350	24	0.01	<2	3	25
DD002537		10	<1	0.07	10	0.46	508	1	0.02	6	530	14	0.02	<2	2	18
DD002538		<10	<1	0.06	10	0.24	167	4	0.02	6	660	34	0.06	5	1	23
DD002539		<10	<1	0.08	10	0.37	327	1	0.01	11	550	18	0.02	<2	3	13
DD002540		<10	<1	0.09	20	0.50	848	5	0.01	17	510	53	0.03	18	5	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002501		<20	0.06	<10	<10	50	<10	63
DD002502		<20	0.07	<10	<10	43	<10	95
DD002503		<20	0.05	<10	<10	41	<10	212
DD002504		<20	0.05	<10	<10	56	<10	80
DD002505		<20	0.06	<10	<10	46	<10	54
DD002506		<20	0.07	<10	<10	50	<10	73
DD002507		<20	0.07	<10	<10	56	<10	67
DD002508		<20	0.05	<10	<10	55	<10	62
DD002509		<20	0.08	<10	<10	52	<10	78
DD002510		<20	0.06	<10	<10	53	<10	58
DD002511		<20	0.07	<10	<10	56	<10	60
DD002512		<20	0.06	<10	<10	56	<10	64
DD002513		<20	0.06	<10	<10	51	<10	119
DD002514		<20	0.08	<10	<10	88	<10	78
DD002515		<20	0.05	<10	<10	51	<10	58
DD002516		<20	0.05	<10	<10	54	<10	49
DD002517		<20	0.04	<10	<10	52	<10	72
DD002518		<20	0.05	<10	<10	59	<10	63
DD002519		<20	0.02	<10	<10	65	<10	112
DD002520		<20	0.07	<10	<10	56	<10	50
DD002521		<20	0.04	<10	<10	54	<10	97
DD002522		<20	0.04	<10	<10	73	<10	111
DD002523		<20	0.06	<10	<10	64	<10	85
DD002524		<20	0.07	<10	<10	89	<10	77
DD002525		<20	0.05	<10	<10	38	<10	50
DD002526		<20	0.05	<10	<10	64	<10	76
DD002527		<20	0.05	<10	<10	57	<10	73
DD002528		<20	0.05	<10	<10	54	<10	69
DD002529		<20	0.05	<10	<10	49	<10	57
DD002530		<20	0.04	<10	<10	48	<10	69
DD002531		<20	0.04	<10	<10	48	<10	63
DD002532		<20	0.04	<10	<10	50	<10	66
DD002533		<20	0.05	<10	<10	53	<10	53
DD002534		<20	0.07	<10	<10	58	<10	61
DD002535		<20	0.03	<10	<10	42	<10	77
DD002536		<20	0.07	<10	<10	52	<10	76
DD002537		<20	0.07	<10	<10	68	<10	69
DD002538		<20	0.03	<10	<10	35	<10	49
DD002539		<20	0.06	<10	<10	41	<10	62
DD002540		<20	0.05	<10	<10	52	<10	188

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002541		0.14	0.009	0.7	0.93	11	<10	170	<0.5	<2	0.19	0.6	4	14	75	1.92
DD002542		0.20	0.029	0.8	1.90	20	<10	300	0.6	3	0.24	<0.5	9	40	88	3.31
DD002543		0.25	0.031	1.0	1.71	15	<10	280	0.5	<2	0.24	<0.5	8	26	51	2.23
DD002544		0.19	0.030	0.8	1.54	19	<10	230	<0.5	<2	0.32	<0.5	8	20	26	2.26
DD002545		0.12	<0.005	0.2	0.61	4	<10	100	<0.5	<2	0.25	<0.5	2	6	9	0.95
DD002546		0.20	0.013	0.3	1.61	15	<10	310	0.5	<2	0.68	<0.5	9	19	37	2.70
DD002547		0.24	0.020	0.3	1.49	20	<10	200	<0.5	<2	0.46	<0.5	10	23	26	3.51
DD002548		0.23	0.015	0.4	1.78	13	<10	210	0.5	<2	0.31	<0.5	7	23	38	2.35
DD002549		0.16	0.011	0.4	1.28	7	<10	250	<0.5	<2	0.36	<0.5	6	16	27	2.27
DD002550		0.16	0.060	1.1	1.59	24	<10	300	0.5	<2	0.31	<0.5	5	18	74	2.86
DD002551		0.15	0.040	1.2	2.30	20	<10	540	0.7	<2	0.49	<0.5	16	28	54	3.49
DD002552		0.15	0.016	0.6	1.59	15	<10	370	<0.5	<2	0.44	<0.5	8	21	57	2.50
DD002553		0.09	0.005	0.4	0.52	4	<10	230	<0.5	<2	0.55	0.6	3	6	14	1.14
DD002554		0.15	0.013	0.3	1.09	14	<10	190	<0.5	<2	0.22	<0.5	5	16	19	1.98
DD002555		0.25	0.108	1.7	1.03	182	<10	500	0.8	4	0.21	3.2	9	6	838	5.84
DD002556		0.19	0.026	0.8	1.02	36	<10	240	0.5	<2	0.18	0.6	9	14	171	2.68
DD002557		0.22	NSS	3.0	0.82	249	<10	560	1.7	3	0.20	3.5	18	5	1870	15.0
DD002558		0.19	0.015	0.7	1.09	15	<10	170	<0.5	<2	0.17	<0.5	6	18	77	2.00
DD002559		0.24	0.042	0.7	1.18	27	<10	230	<0.5	2	0.18	<0.5	5	17	99	2.63
DD002560		0.28	0.207	1.6	1.12	26	<10	370	<0.5	3	0.20	0.7	4	16	188	2.21
DD002561		0.26	0.061	0.9	1.38	42	<10	290	<0.5	3	0.17	0.5	6	21	147	2.88
DD002562		0.29	0.231	1.4	1.55	86	<10	300	0.6	4	0.11	0.6	6	13	370	4.74
DD002563		0.27	0.042	1.9	2.23	59	<10	370	0.8	<2	0.36	0.7	11	34	49	3.79
DD002564		0.32	0.037	1.5	1.78	71	<10	290	0.7	2	0.29	0.6	9	28	34	3.30
DD002565		0.23	0.021	0.7	1.44	25	<10	230	<0.5	<2	0.27	<0.5	6	23	20	1.56
DD002566		0.30	0.039	0.3	1.44	28	<10	200	<0.5	<2	0.23	<0.5	5	22	13	2.17
DD002567		0.27	0.006	0.2	1.32	21	<10	180	<0.5	2	0.21	<0.5	4	24	15	1.82
DD002568		0.25	0.011	0.2	1.63	9	<10	240	<0.5	<2	0.29	<0.5	5	22	11	2.00
DD002569		0.40	0.028	1.4	1.57	18	<10	280	<0.5	<2	0.32	1.1	7	18	23	2.31
DD002570		0.15	0.014	0.2	1.43	46	<10	240	<0.5	2	0.28	<0.5	8	21	26	2.73
DD002571		0.14	0.022	1.9	1.90	10	<10	330	<0.5	<2	0.28	<0.5	8	22	18	1.55
DD002572		0.36	0.017	<0.2	1.22	10	<10	120	<0.5	<2	0.25	<0.5	7	17	14	1.89
DD002573		0.36	0.010	0.2	1.49	14	<10	210	<0.5	<2	0.27	<0.5	6	21	15	1.85
DD002574		0.32	0.006	0.2	1.36	13	<10	220	<0.5	<2	0.24	<0.5	4	19	12	1.97
DD002575		0.20	0.018	0.5	1.10	13	<10	270	<0.5	<2	0.27	0.5	3	18	11	1.16
DD002576		0.35	0.045	1.0	1.27	34	<10	230	<0.5	<2	0.26	0.6	5	20	14	1.66
DD002577		0.19	0.022	0.7	1.01	44	<10	310	<0.5	<2	0.29	0.7	5	16	13	1.42
DD002581		0.21	<0.005	0.4	1.01	24	<10	190	1.0	2	0.09	<0.5	13	14	44	3.85
DD002582		0.26	0.005	0.3	1.23	26	<10	360	1.1	3	0.27	0.8	15	14	41	4.02
DD002583		0.25	<0.005	<0.2	1.42	13	<10	180	<0.5	<2	0.25	<0.5	5	20	13	1.74

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002541		<10	<1	0.05	10	0.19	322	3	0.02	6	480	25	0.02	4	2	20
DD002542		10	<1	0.08	20	0.58	824	5	0.01	10	680	61	0.04	3	3	25
DD002543		<10	<1	0.07	20	0.52	345	1	0.02	13	610	27	0.03	2	5	21
DD002544		<10	<1	0.06	10	0.40	743	1	0.02	9	680	16	0.05	<2	3	27
DD002545		<10	<1	0.03	<10	0.10	106	<1	0.04	2	550	2	0.04	<2	1	22
DD002546		<10	<1	0.07	10	0.45	606	<1	0.03	9	680	12	0.04	<2	4	46
DD002547		10	<1	0.07	10	0.46	450	1	0.03	10	570	33	0.03	<2	5	37
DD002548		10	<1	0.06	10	0.46	234	1	0.02	11	740	20	0.04	<2	4	27
DD002549		<10	<1	0.05	10	0.34	325	1	0.02	7	760	9	0.05	<2	3	30
DD002550		<10	<1	0.08	20	0.38	204	2	0.02	8	740	22	0.04	2	5	28
DD002551		10	<1	0.09	20	0.54	885	1	0.02	12	990	32	0.05	<2	5	61
DD002552		<10	<1	0.06	10	0.42	461	1	0.01	9	830	17	0.04	<2	3	48
DD002553		<10	<1	0.05	10	0.09	189	<1	0.03	2	530	9	0.06	<2	1	81
DD002554		<10	1	0.07	10	0.27	191	<1	0.01	12	340	41	0.02	<2	2	23
DD002555		<10	<1	0.31	30	0.32	479	37	0.02	4	790	513	0.54	22	5	60
DD002556		<10	<1	0.07	10	0.22	357	1	0.01	8	620	94	0.03	3	3	21
DD002557		<10	1	0.15	30	0.08	894	112	0.01	12	2530	457	0.18	13	9	41
DD002558		<10	<1	0.08	10	0.33	233	1	0.01	10	300	19	0.02	<2	3	15
DD002559		<10	<1	0.11	10	0.28	251	2	0.01	9	430	33	0.05	2	3	18
DD002560		<10	<1	0.10	10	0.28	152	3	0.01	8	500	47	0.05	4	3	23
DD002561		<10	<1	0.14	10	0.39	275	6	0.01	10	330	51	0.09	7	3	29
DD002562		<10	<1	0.22	30	0.25	221	19	0.01	6	620	83	0.29	8	3	48
DD002563		10	1	0.12	20	0.49	878	1	0.01	20	1040	85	0.09	3	6	27
DD002564		<10	<1	0.11	10	0.46	966	1	0.01	17	710	121	0.07	2	6	27
DD002565		<10	<1	0.07	20	0.43	170	<1	0.01	11	520	53	0.05	<2	5	16
DD002566		<10	<1	0.08	10	0.39	168	<1	0.01	11	400	31	0.03	<2	4	15
DD002567		<10	<1	0.06	10	0.39	161	<1	0.01	9	450	53	0.04	2	3	14
DD002568		10	<1	0.06	10	0.53	148	<1	0.01	9	760	38	0.06	<2	4	21
DD002569		<10	<1	0.07	10	0.53	246	7	0.01	9	510	62	0.04	<2	6	24
DD002570		10	<1	0.07	10	0.47	433	14	0.01	11	360	32	0.03	2	4	26
DD002571		<10	1	0.06	10	0.31	476	4	0.01	9	860	19	0.07	<2	2	23
DD002572		<10	<1	0.07	10	0.36	284	<1	0.01	9	680	17	0.02	<2	3	14
DD002573		<10	<1	0.06	10	0.36	425	<1	0.01	10	720	38	0.03	<2	3	15
DD002574		<10	<1	0.05	10	0.36	143	<1	0.01	9	600	35	0.02	<2	3	14
DD002575		<10	<1	0.06	10	0.31	148	<1	0.01	7	580	72	0.02	<2	2	17
DD002576		<10	<1	0.06	10	0.38	150	<1	0.01	10	550	76	0.02	<2	3	17
DD002577		<10	<1	0.05	10	0.28	393	<1	0.01	7	630	43	0.03	<2	2	20
DD002581		<10	1	0.20	30	0.20	562	4	0.02	9	690	65	0.26	7	5	24
DD002582		<10	<1	0.16	30	0.29	1190	3	0.02	9	720	54	0.20	5	5	29
DD002583		<10	<1	0.06	10	0.40	148	<1	0.01	10	530	13	0.04	<2	3	15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002541		<20	0.05	<10	<10	40	<10	66
DD002542		<20	0.04	<10	<10	59	<10	120
DD002543		<20	0.06	<10	<10	50	<10	77
DD002544		<20	0.04	<10	<10	53	<10	56
DD002545		<20	0.04	<10	<10	27	<10	15
DD002546		<20	0.06	<10	<10	68	<10	57
DD002547		<20	0.07	<10	<10	81	<10	66
DD002548		<20	0.05	<10	<10	56	<10	68
DD002549		<20	0.06	<10	<10	58	<10	50
DD002550		<20	0.04	<10	<10	57	<10	58
DD002551		<20	0.04	<10	<10	65	<10	93
DD002552		<20	0.04	<10	<10	56	<10	57
DD002553		<20	0.04	<10	<10	30	<10	46
DD002554		<20	0.04	<10	<10	39	<10	88
DD002555		<20	0.02	<10	10	38	<10	613
DD002556		<20	0.03	<10	<10	42	<10	155
DD002557		20	<0.01	<10	10	28	<10	445
DD002558		<20	0.05	<10	<10	37	<10	64
DD002559		<20	0.04	<10	<10	42	<10	103
DD002560		<20	0.03	<10	<10	38	<10	97
DD002561		<20	0.04	<10	<10	45	<10	93
DD002562		<20	0.01	<10	<10	41	<10	168
DD002563		<20	0.03	<10	<10	63	<10	257
DD002564		<20	0.03	<10	<10	52	<10	188
DD002565		<20	0.04	<10	<10	46	<10	89
DD002566		<20	0.04	<10	<10	47	<10	85
DD002567		<20	0.04	<10	<10	40	<10	106
DD002568		<20	0.04	<10	<10	50	<10	90
DD002569		<20	0.05	<10	<10	62	<10	182
DD002570		<20	0.05	<10	<10	59	<10	105
DD002571		<20	0.02	<10	<10	31	<10	81
DD002572		<20	0.06	<10	<10	41	<10	63
DD002573		<20	0.05	<10	<10	42	<10	81
DD002574		<20	0.05	<10	<10	45	<10	73
DD002575		<20	0.05	<10	<10	32	<10	125
DD002576		<20	0.06	<10	<10	40	<10	191
DD002577		<20	0.03	<10	<10	30	<10	155
DD002581		20	0.02	<10	10	39	<10	207
DD002582		<20	0.02	<10	10	46	<10	132
DD002583		<20	0.05	<10	<10	38	<10	50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002584		0.26	0.011	0.3	1.36	223	<10	180	0.5	3	0.22	<0.5	8	19	28	2.82
DD002585		0.25	0.024	0.4	1.52	119	<10	220	0.7	5	0.22	<0.5	15	29	92	3.89
DD002586		0.16	0.030	1.6	1.89	76	<10	720	1.2	3	0.29	<0.5	9	27	159	3.55
DD002587		0.25	0.012	0.7	1.68	64	<10	470	0.7	2	0.41	<0.5	9	25	101	3.29
DD002588		0.33	0.012	0.4	1.40	44	<10	300	0.5	<2	0.23	<0.5	6	21	39	2.10
DD002589		0.31	0.007	0.3	1.36	64	<10	320	<0.5	<2	0.24	<0.5	6	19	24	2.21
DD002590		0.23	0.012	0.3	1.86	90	<10	540	0.5	<2	0.32	<0.5	5	23	28	2.93
DD002591		0.27	0.011	1.3	2.62	40	<10	490	0.5	<2	0.29	<0.5	7	39	27	3.11
DD002592		0.26	0.005	0.3	1.76	14	<10	290	<0.5	2	0.26	<0.5	8	23	35	2.66
DD002593		0.15	0.016	0.7	1.98	15	<10	350	0.5	<2	0.24	<0.5	4	25	30	2.18
DD002594		0.24	<0.005	0.2	1.71	8	<10	290	<0.5	<2	0.25	<0.5	7	23	15	2.01
DD002595		0.30	<0.005	0.2	1.74	9	<10	260	<0.5	<2	0.29	<0.5	8	25	15	2.28
DD002596		0.35	0.014	<0.2	1.42	8	<10	210	<0.5	<2	0.25	<0.5	5	24	15	1.96
DD002597		0.29	0.006	0.4	1.76	9	<10	320	0.5	<2	0.26	<0.5	7	29	31	1.97
DD002598		0.35	0.019	0.9	1.72	15	<10	320	0.5	<2	0.36	<0.5	7	23	24	2.50
DD002599		0.34	<0.005	0.2	1.13	12	<10	140	<0.5	<2	0.24	<0.5	5	18	11	1.69
DD002600		0.14	0.037	2.7	2.16	55	<10	550	0.6	<2	0.32	1.3	6	20	39	2.20
DD002601		0.23	0.010	0.2	1.50	45	<10	190	<0.5	<2	0.26	0.6	5	22	16	2.44
DD002602		0.35	0.016	0.7	1.75	49	<10	220	<0.5	<2	0.30	0.5	8	25	18	2.44
DD002603		0.17	0.020	1.2	1.81	236	<10	320	<0.5	<2	0.33	0.5	13	23	18	9.23
DD002604		0.24	0.007	0.6	1.81	12	<10	200	0.6	<2	0.30	0.5	5	28	23	2.17
DD002605		0.22	0.006	0.5	1.61	9	<10	190	<0.5	<2	0.38	<0.5	6	27	17	2.11
DD002606		0.26	<0.005	0.2	1.30	9	<10	240	<0.5	<2	0.43	<0.5	6	25	26	2.16
DD002630		0.31	0.027	0.8	1.21	74	<10	250	<0.5	<2	0.30	0.5	4	20	11	1.70
DD002631		0.22	0.038	1.4	1.92	85	<10	340	<0.5	<2	0.33	0.9	6	26	20	2.62
DD002632		0.08	0.044	1.6	2.07	33	<10	510	0.5	<2	0.37	2.6	4	30	34	1.78
DD002633		0.16	0.030	1.2	1.57	16	<10	430	<0.5	<2	0.31	1.4	16	24	18	3.77
DD002634		0.21	0.005	0.2	1.81	18	<10	280	0.5	<2	0.30	0.6	12	16	19	3.21
DD002635		0.30	0.007	0.2	1.70	17	<10	300	<0.5	<2	0.32	<0.5	5	25	18	2.45
DD002636		0.19	0.033	2.3	3.36	38	<10	520	1.0	<2	0.32	0.6	9	26	57	3.10
DD002637		0.18	0.022	1.3	1.99	28	<10	340	0.6	<2	0.33	<0.5	10	27	59	2.48
DD002638		0.29	0.126	1.2	1.56	54	<10	290	0.5	<2	0.29	0.7	16	19	67	3.49
DD002639		0.12	0.009	0.5	1.63	5	<10	340	<0.5	<2	0.40	0.6	4	25	26	1.79
DD002640		0.13	0.007	0.5	1.66	13	<10	470	0.6	<2	0.43	0.9	5	29	36	2.15
DD002641		0.16	<0.005	0.2	1.30	9	<10	130	<0.5	<2	0.26	<0.5	6	17	6	2.07
DD002642		0.22	0.008	0.4	1.85	18	<10	290	0.5	<2	0.31	0.6	8	30	20	2.21
DD002643		0.24	0.007	0.4	1.56	11	<10	220	<0.5	<2	0.25	0.5	7	28	15	2.08
DD002644		0.35	0.005	0.3	1.52	16	<10	240	<0.5	<2	0.25	<0.5	8	23	19	2.15
DD002645		0.20	0.005	0.3	1.18	26	<10	230	<0.5	<2	0.26	<0.5	5	20	10	2.36
DD002646		0.22	0.019	1.5	1.43	48	<10	310	0.5	<2	0.24	1.0	7	23	26	3.00

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002584		<10	<1	0.10	20	0.35	882	4	0.01	9	620	25	0.04	5	3	15
DD002585		<10	<1	0.12	20	0.54	1265	3	0.01	13	410	36	0.04	5	6	17
DD002586		10	1	0.16	50	0.37	698	1	0.01	15	790	41	0.05	7	5	24
DD002587		10	<1	0.13	20	0.41	693	2	0.01	14	610	28	0.05	6	4	27
DD002588		<10	<1	0.08	10	0.38	446	<1	0.01	11	600	17	0.04	2	3	18
DD002589		<10	<1	0.08	10	0.40	314	<1	0.01	10	630	22	0.04	<2	3	20
DD002590		10	<1	0.08	10	0.37	559	1	0.01	11	1040	28	0.06	3	2	31
DD002591		10	<1	0.15	10	0.59	262	1	0.01	16	900	28	0.05	<2	7	23
DD002592		10	<1	0.14	10	0.68	491	<1	0.01	12	450	18	0.03	2	6	20
DD002593		10	<1	0.10	10	0.45	241	1	0.01	10	770	20	0.07	<2	5	20
DD002594		<10	<1	0.10	10	0.59	483	<1	0.02	12	400	18	0.03	<2	5	21
DD002595		10	<1	0.12	10	0.62	313	<1	0.02	12	560	13	0.02	<2	5	20
DD002596		<10	<1	0.08	10	0.46	192	1	0.01	9	710	14	0.05	<2	4	21
DD002597		10	<1	0.10	10	0.55	219	2	0.01	13	560	20	0.05	<2	5	23
DD002598		<10	<1	0.08	20	0.56	266	15	0.01	8	590	62	0.05	<2	7	29
DD002599		<10	<1	0.06	10	0.38	166	4	0.01	9	550	19	0.02	<2	3	16
DD002600		10	<1	0.07	20	0.34	262	4	0.02	8	1220	53	0.09	<2	5	31
DD002601		10	<1	0.08	10	0.40	315	1	0.01	9	420	36	0.02	<2	3	22
DD002602		10	<1	0.09	10	0.48	248	<1	0.01	10	600	83	0.02	<2	4	20
DD002603		10	<1	0.07	10	0.37	867	2	0.01	5	760	191	0.04	<2	4	25
DD002604		10	<1	0.10	10	0.45	359	<1	0.01	14	580	30	0.02	<2	4	20
DD002605		<10	<1	0.08	10	0.46	372	<1	0.01	13	590	20	0.02	<2	4	21
DD002606		<10	<1	0.08	10	0.44	215	<1	0.02	10	530	19	0.02	2	4	25
DD002630		<10	<1	0.07	10	0.37	159	<1	0.01	8	560	75	0.02	<2	3	20
DD002631		<10	<1	0.09	10	0.38	478	<1	0.01	9	740	125	0.04	<2	4	26
DD002632		10	<1	0.08	10	0.30	187	<1	0.02	9	1330	81	0.14	2	3	34
DD002633		10	<1	0.07	10	0.32	1485	<1	0.01	7	780	49	0.06	<2	3	27
DD002634		10	<1	0.13	20	0.54	857	3	0.01	9	810	84	0.02	<2	7	18
DD002635		10	<1	0.07	10	0.43	308	1	0.01	9	790	31	0.03	<2	3	24
DD002636		10	<1	0.14	30	0.54	542	11	0.02	10	980	59	0.08	2	7	29
DD002637		10	<1	0.09	20	0.52	315	4	0.01	14	770	17	0.05	<2	6	44
DD002638		10	<1	0.09	20	0.62	1115	14	0.01	8	450	100	0.04	6	6	30
DD002639		<10	<1	0.07	10	0.44	164	4	0.01	9	1000	19	0.14	<2	4	38
DD002640		<10	<1	0.08	20	0.41	178	3	0.02	13	1380	25	0.17	<2	4	41
DD002641		<10	<1	0.05	10	0.59	304	1	0.02	6	670	9	0.04	<2	3	17
DD002642		<10	<1	0.07	20	0.51	170	2	0.02	13	1060	34	0.07	<2	5	25
DD002643		<10	<1	0.07	10	0.49	204	1	0.01	11	550	37	0.03	<2	5	17
DD002644		<10	<1	0.08	10	0.53	206	1	0.01	10	510	33	0.03	<2	5	16
DD002645		<10	<1	0.06	10	0.29	182	1	0.01	7	690	29	0.03	<2	3	15
DD002646		<10	<1	0.09	10	0.34	916	3	0.01	11	840	98	0.06	3	3	21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002584		<20	0.03	<10	<10	39	<10	92
DD002585		<20	0.04	<10	<10	63	<10	187
DD002586		<20	0.02	<10	<10	50	<10	117
DD002587		<20	0.03	<10	<10	55	<10	104
DD002588		<20	0.04	<10	<10	41	<10	54
DD002589		<20	0.04	<10	<10	42	<10	72
DD002590		<20	0.02	<10	<10	49	<10	110
DD002591		<20	0.02	<10	<10	68	<10	97
DD002592		<20	0.09	<10	<10	64	<10	78
DD002593		<20	0.03	<10	<10	61	<10	60
DD002594		<20	0.07	<10	<10	46	<10	84
DD002595		<20	0.09	<10	<10	54	<10	63
DD002596		<20	0.06	<10	<10	46	<10	72
DD002597		<20	0.07	<10	<10	53	<10	73
DD002598		<20	0.05	<10	10	56	<10	99
DD002599		<20	0.06	<10	<10	37	<10	59
DD002600		<20	0.02	<10	<10	50	<10	198
DD002601		<20	0.07	<10	<10	58	<10	149
DD002602		<20	0.08	<10	<10	53	<10	163
DD002603		<20	0.05	<10	<10	79	<10	191
DD002604		<20	0.07	<10	<10	48	<10	81
DD002605		<20	0.08	<10	<10	47	<10	74
DD002606		<20	0.08	<10	<10	49	<10	64
DD002630		<20	0.06	<10	<10	44	<10	137
DD002631		<20	0.04	<10	<10	64	<10	206
DD002632		<20	0.04	<10	<10	34	<10	173
DD002633		<20	0.05	<10	<10	33	<10	168
DD002634		<20	0.06	<10	<10	63	<10	155
DD002635		<20	0.06	<10	<10	56	<10	110
DD002636		<20	0.02	<10	<10	94	<10	114
DD002637		<20	0.04	<10	<10	57	<10	64
DD002638		<20	0.05	<10	<10	67	<10	152
DD002639		<20	0.03	<10	<10	35	<10	89
DD002640		<20	0.04	<10	10	48	<10	80
DD002641		<20	0.06	<10	<10	49	<10	91
DD002642		<20	0.04	<10	10	52	<10	108
DD002643		<20	0.06	<10	<10	50	<10	98
DD002644		<20	0.06	<10	<10	51	<10	82
DD002645		<20	0.03	<10	<10	45	<10	66
DD002646		<20	0.03	<10	<10	46	<10	243

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002647		0.24	0.012	0.7	1.50	18	<10	210	0.5	<2	0.18	<0.5	6	24	24	2.03
DD002648		0.24	<0.005	0.7	1.42	96	<10	190	<0.5	<2	0.24	<0.5	12	23	14	2.77
DD002649		0.13	<0.005	0.5	1.07	16	<10	140	<0.5	<2	0.23	<0.5	4	18	17	2.29
DD002650		0.14	0.006	0.6	2.19	95	<10	330	0.9	2	0.33	<0.5	20	33	28	7.03
DD002651		0.21	0.011	0.6	1.86	48	<10	300	0.5	<2	0.30	<0.5	5	34	26	2.61
DD002652		0.21	0.016	0.4	1.69	93	<10	260	0.7	<2	0.34	<0.5	5	20	32	2.90
DD002653		0.22	0.009	0.2	1.87	74	<10	250	0.8	2	0.15	<0.5	15	29	26	4.28
DD002654		0.25	0.008	<0.2	1.57	203	<10	140	0.5	<2	0.11	<0.5	7	18	16	3.17
DD002655		0.30	0.008	0.3	2.35	142	<10	190	1.1	10	0.11	<0.5	18	19	55	4.86
DD002656		0.36	<0.005	0.4	1.75	8	<10	230	<0.5	8	0.30	<0.5	7	31	28	2.93
DD002657		0.28	0.006	0.5	1.63	18	<10	310	<0.5	2	0.22	<0.5	8	26	29	2.29
DD002658		0.16	0.014	0.6	1.94	36	<10	520	0.6	<2	0.25	<0.5	9	26	48	3.04
DD002659		0.18	0.007	0.7	2.02	54	<10	280	0.6	<2	0.16	<0.5	11	24	28	3.01
DD002660		0.23	0.010	0.3	1.28	85	<10	240	0.5	<2	0.17	<0.5	7	22	24	2.52
DD002661		0.19	0.014	0.7	1.70	39	<10	230	0.6	<2	0.19	0.5	7	26	26	2.59
DD002662		0.14	<0.005	0.5	2.01	17	<10	140	<0.5	<2	0.17	<0.5	7	28	17	2.89
DD002663		0.20	0.006	0.4	1.59	15	<10	130	0.5	<2	0.16	0.5	5	22	21	2.20
DD002664		0.16	<0.005	0.9	1.69	17	<10	200	0.5	<2	0.20	0.6	5	27	25	2.50
DD002665		0.17	<0.005	0.2	1.02	61	<10	110	<0.5	<2	0.13	<0.5	10	17	10	2.11
DD002666		0.28	<0.005	0.2	1.55	22	<10	310	0.5	<2	0.31	<0.5	8	21	25	2.12
DD002667		0.28	<0.005	0.4	1.64	13	<10	300	<0.5	<2	0.24	<0.5	6	24	17	2.00
DD002669		0.25	0.010	0.8	1.85	41	<10	330	0.6	<2	0.26	0.7	9	29	23	2.74
DD002670		0.25	0.017	0.8	1.81	58	<10	210	<0.5	<2	0.18	<0.5	8	25	19	2.83
DD002671		0.33	0.016	0.5	1.18	113	<10	240	<0.5	<2	0.28	<0.5	6	22	17	2.64
DD002672		0.26	0.013	0.7	1.81	29	<10	310	0.6	<2	0.25	0.5	5	25	24	2.01
DD002673		0.34	0.013	0.3	1.28	14	<10	190	<0.5	<2	0.28	<0.5	5	18	11	1.43
DD002674		0.32	0.040	2.4	2.37	179	<10	440	0.8	3	0.38	<0.5	6	29	67	3.77
DD002675		0.45	0.013	0.7	1.89	68	<10	330	0.6	<2	0.30	<0.5	7	24	30	2.57
DD002676		0.34	0.020	0.2	1.61	67	<10	270	<0.5	<2	0.34	<0.5	6	23	10	2.12
DD002677		0.35	<0.005	0.2	2.29	18	<10	230	<0.5	<2	0.28	<0.5	9	24	16	2.20
DD002678		0.24	0.019	0.6	2.27	101	<10	300	0.8	<2	0.52	1.1	13	20	25	4.13
DD002679		0.26	<0.005	0.3	1.92	14	<10	220	0.6	<2	0.14	<0.5	6	27	19	2.63
DD002680		0.33	0.012	1.0	1.33	66	<10	340	<0.5	4	0.17	<0.5	6	22	37	2.88
DD002681		0.18	0.010	0.5	1.42	49	<10	200	0.5	<2	0.13	<0.5	6	22	36	2.82
DD002682		0.19	<0.005	0.2	1.40	29	<10	150	0.5	<2	0.13	<0.5	5	23	23	2.76
DD002683		0.19	<0.005	0.7	2.09	18	<10	160	<0.5	<2	0.14	<0.5	7	32	18	2.96
DD002684		0.23	<0.005	0.4	1.73	18	<10	120	<0.5	<2	0.15	<0.5	7	26	17	2.36
DD002685		0.25	<0.005	0.3	1.37	18	<10	210	<0.5	<2	0.16	<0.5	4	24	15	2.30
DD002687		0.20	<0.005	0.4	1.78	38	<10	220	0.6	<2	0.21	<0.5	6	26	19	2.58
DD002688		0.26	<0.005	0.2	1.39	47	<10	160	0.5	<2	0.20	<0.5	5	20	16	2.09

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002647		<10	<1	0.09	20	0.38	500	1	0.01	9	520	39	0.05	2	4	15
DD002648		<10	<1	0.06	10	0.36	556	1	0.01	8	830	25	0.05	<2	3	17
DD002649		<10	<1	0.05	10	0.25	162	1	0.01	5	1010	15	0.10	<2	2	17
DD002650		10	<1	0.09	20	0.45	629	6	0.01	8	1480	20	0.10	<2	7	23
DD002651		10	<1	0.10	10	0.37	379	3	0.01	34	990	23	0.07	2	4	19
DD002652		<10	<1	0.10	20	0.29	363	4	0.02	13	780	22	0.05	<2	2	24
DD002653		<10	<1	0.12	30	0.53	1225	5	0.01	16	500	25	0.03	<2	4	14
DD002654		10	<1	0.09	20	0.29	631	2	0.01	9	430	32	0.04	2	2	18
DD002655		10	<1	0.14	20	0.53	1220	2	0.02	11	510	48	0.04	4	5	13
DD002656		<10	<1	0.14	10	0.69	338	1	0.02	11	370	16	0.01	<2	6	21
DD002657		<10	<1	0.10	10	0.48	490	1	0.01	10	460	20	0.03	3	4	17
DD002658		10	<1	0.13	20	0.48	484	2	0.02	13	510	52	0.07	5	4	33
DD002659		10	<1	0.10	10	0.48	613	1	0.01	12	350	41	0.02	4	4	15
DD002660		<10	<1	0.09	10	0.35	653	1	0.01	10	460	37	0.03	6	3	15
DD002661		10	<1	0.10	10	0.43	409	1	0.01	12	490	38	0.02	4	3	15
DD002662		10	<1	0.07	10	0.37	444	1	0.01	12	390	15	0.02	<2	3	16
DD002663		<10	<1	0.06	10	0.32	270	1	0.01	10	500	21	0.02	<2	3	13
DD002664		10	<1	0.08	10	0.38	230	<1	0.01	10	410	15	0.02	3	3	18
DD002665		10	<1	0.08	10	0.24	1135	1	0.01	7	690	22	0.01	2	2	12
DD002666		<10	<1	0.07	20	0.38	303	1	0.02	9	500	20	0.01	2	4	22
DD002667		<10	<1	0.07	10	0.40	527	<1	0.01	10	640	12	0.02	<2	3	18
DD002669		10	<1	0.11	10	0.43	570	1	0.01	11	800	42	0.04	2	4	22
DD002670		10	<1	0.07	10	0.40	802	2	0.01	10	920	32	0.04	2	2	16
DD002671		<10	<1	0.09	10	0.39	543	2	0.01	8	720	48	0.04	3	3	25
DD002672		10	<1	0.07	20	0.40	286	1	0.01	9	920	19	0.05	3	4	19
DD002673		<10	<1	0.06	10	0.38	178	<1	0.01	8	600	20	0.02	<2	3	16
DD002674		10	<1	0.13	20	0.46	837	4	0.02	13	870	45	0.05	9	7	30
DD002675		10	<1	0.09	20	0.48	422	1	0.02	12	620	39	0.03	2	4	21
DD002676		<10	<1	0.11	10	0.50	404	1	0.02	10	530	13	0.03	2	4	21
DD002677		10	<1	0.08	10	0.66	214	<1	0.03	13	440	11	0.07	<2	5	21
DD002678		10	<1	0.12	10	0.66	1260	3	0.03	10	760	32	0.07	3	6	39
DD002679		10	<1	0.08	20	0.42	248	1	0.01	11	440	17	0.03	<2	3	14
DD002680		<10	<1	0.10	20	0.31	372	3	0.01	9	520	46	0.09	7	3	19
DD002681		<10	<1	0.11	20	0.32	434	4	0.01	9	440	42	0.05	7	2	16
DD002682		10	<1	0.09	10	0.31	362	1	0.01	8	450	22	0.03	2	2	14
DD002683		10	<1	0.08	10	0.45	255	<1	0.01	13	340	27	0.03	<2	3	13
DD002684		<10	<1	0.09	10	0.43	258	<1	0.01	13	350	16	0.03	2	3	12
DD002685		10	<1	0.09	10	0.34	195	1	0.01	9	290	15	0.02	<2	3	17
DD002687		10	<1	0.10	10	0.43	265	<1	0.01	12	480	18	0.02	<2	3	19
DD002688		<10	<1	0.09	10	0.38	312	<1	0.01	9	520	18	0.01	2	3	15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002647		<20	0.04	<10	<10	43	<10	76
DD002648		<20	0.04	<10	<10	53	<10	62
DD002649		<20	0.03	<10	<10	28	<10	41
DD002650		<20	0.03	<10	<10	83	<10	56
DD002651		<20	0.03	<10	<10	54	<10	76
DD002652		<20	0.02	<10	<10	52	<10	64
DD002653		<20	0.04	<10	<10	56	<10	66
DD002654		<20	0.04	<10	<10	56	<10	44
DD002655		<20	0.04	<10	<10	69	<10	92
DD002656		<20	0.08	<10	<10	63	<10	62
DD002657		<20	0.05	<10	<10	48	<10	53
DD002658		<20	0.05	<10	<10	56	<10	87
DD002659		<20	0.04	<10	<10	57	<10	94
DD002660		<20	0.05	<10	<10	46	<10	97
DD002661		<20	0.07	<10	<10	51	<10	88
DD002662		<20	0.10	<10	<10	63	<10	52
DD002663		<20	0.06	<10	<10	45	<10	62
DD002664		<20	0.08	<10	<10	59	<10	69
DD002665		<20	0.07	<10	<10	47	<10	64
DD002666		<20	0.04	<10	<10	48	<10	63
DD002667		<20	0.05	<10	<10	45	<10	52
DD002669		<20	0.04	<10	<10	57	<10	115
DD002670		<20	0.02	<10	<10	52	<10	88
DD002671		<20	0.04	<10	<10	45	<10	117
DD002672		<20	0.03	<10	<10	51	<10	62
DD002673		<20	0.05	<10	<10	35	<10	79
DD002674		<20	0.02	<10	<10	55	<10	145
DD002675		<20	0.04	<10	<10	52	<10	92
DD002676		<20	0.06	<10	<10	50	<10	62
DD002677		<20	0.08	<10	<10	55	<10	54
DD002678		<20	0.04	<10	<10	75	<10	145
DD002679		<20	0.06	<10	<10	56	<10	55
DD002680		<20	0.03	<10	<10	47	<10	69
DD002681		<20	0.05	<10	<10	51	<10	80
DD002682		<20	0.08	<10	<10	66	<10	67
DD002683		<20	0.11	<10	<10	71	<10	58
DD002684		<20	0.08	<10	<10	51	<10	47
DD002685		<20	0.09	<10	<10	61	<10	44
DD002687		<20	0.08	<10	<10	55	<10	66
DD002688		<20	0.06	<10	<10	42	<10	72

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002689		0.34	<0.005	0.2	1.84	39	<10	350	0.5	<2	0.22	<0.5	6	27	20	2.40
DD002690		0.22	0.005	0.5	1.76	44	<10	350	<0.5	<2	0.25	<0.5	4	25	16	1.88
DD002691		0.30	0.005	0.3	1.51	31	<10	220	<0.5	<2	0.28	<0.5	4	21	12	1.46
DD002692		0.16	<0.005	0.5	2.42	49	<10	340	0.8	<2	0.25	<0.5	12	32	25	2.94
DD002693		0.26	<0.005	<0.2	1.71	25	<10	150	<0.5	<2	0.19	<0.5	6	23	14	2.24
DD002694		0.20	<0.005	0.3	1.25	13	<10	170	<0.5	<2	0.18	<0.5	3	17	15	1.62
DD002695		0.22	<0.005	<0.2	1.51	18	<10	90	<0.5	<2	0.18	<0.5	6	21	11	2.03
DD002696		0.22	<0.005	<0.2	1.64	26	<10	140	0.5	<2	0.16	<0.5	7	24	16	2.27
DD002697		0.23	0.006	0.2	2.12	28	<10	250	0.8	<2	0.23	<0.5	8	26	31	2.66
DD002698		0.22	<0.005	0.2	2.29	26	<10	210	0.5	<2	0.16	<0.5	9	31	18	2.85
DD002699		0.21	0.013	0.8	1.97	58	<10	860	0.7	5	0.29	0.5	8	27	70	3.52
DD002700		0.19	<0.005	0.2	1.45	15	<10	110	<0.5	<2	0.12	<0.5	5	24	15	2.77
DD002701		0.24	<0.005	0.2	1.34	12	<10	160	<0.5	<2	0.53	<0.5	7	17	20	2.52
DD002702		0.29	0.021	0.3	1.51	26	<10	220	<0.5	<2	0.49	1.1	9	22	24	2.83
DD002703		0.20	<0.005	0.6	1.13	11	<10	200	<0.5	<2	0.67	<0.5	6	13	18	1.87

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002689		10	<1	0.10	10	0.49	307	1	0.02	12	450	20	0.02	2	3	20
DD002690		10	1	0.10	10	0.41	223	1	0.01	12	680	19	0.03	<2	2	20
DD002691		<10	<1	0.08	10	0.38	158	<1	0.01	9	480	17	0.02	<2	2	19
DD002692		10	1	0.10	10	0.45	860	1	0.01	13	610	21	0.02	2	4	24
DD002693		10	1	0.07	10	0.36	207	1	0.01	10	300	15	0.02	2	3	17
DD002694		10	<1	0.07	10	0.23	121	1	0.01	6	290	14	0.02	<2	2	18
DD002695		<10	<1	0.08	10	0.39	216	<1	0.01	12	360	12	0.02	<2	3	14
DD002696		<10	1	0.11	10	0.44	398	1	0.01	13	390	15	0.03	<2	2	14
DD002697		<10	1	0.07	20	0.43	377	1	0.01	13	590	19	0.03	2	4	20
DD002698		10	1	0.09	10	0.51	314	1	0.01	16	280	18	0.03	2	4	16
DD002699		10	1	0.15	30	0.40	416	3	0.02	12	680	55	0.18	9	5	39
DD002700		10	<1	0.08	20	0.32	178	2	0.01	10	320	21	0.08	2	2	11
DD002701		<10	1	0.06	10	0.45	312	1	0.03	7	670	9	0.03	<2	4	34
DD002702		10	<1	0.08	10	0.54	676	1	0.02	10	400	23	0.02	2	5	31
DD002703		<10	<1	0.04	10	0.34	356	1	0.03	6	710	11	0.06	<2	3	44

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12194253

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002689		<20	0.06	<10	<10	56	<10	81
DD002690		<20	0.04	<10	<10	43	<10	72
DD002691		<20	0.05	<10	<10	34	<10	56
DD002692		<20	0.07	<10	<10	61	<10	78
DD002693		<20	0.07	<10	<10	50	<10	46
DD002694		<20	0.07	<10	<10	42	<10	29
DD002695		<20	0.07	<10	<10	43	<10	36
DD002696		<20	0.07	<10	<10	47	<10	56
DD002697		<20	0.04	<10	<10	47	<10	56
DD002698		<20	0.09	<10	<10	59	<10	63
DD002699		<20	0.03	<10	<10	53	<10	103
DD002700		<20	0.08	<10	<10	57	<10	45
DD002701		<20	0.08	<10	<10	69	<10	50
DD002702		<20	0.08	<10	<10	66	<10	321
DD002703		<20	0.06	<10	<10	51	<10	42

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194253

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194254

Project: KLAZA

P.O. No.: Batch 4

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002912		0.21	<0.005	0.3	0.87	50	<10	190	0.5	2	0.33	<0.5	6	12	125	4.05
DD002913		0.25	<0.005	0.3	1.19	7	<10	240	0.5	<2	0.38	<0.5	5	20	36	1.95
DD002914		0.11	<0.005	0.6	1.18	8	<10	340	0.5	<2	0.39	0.7	5	18	37	1.39
DD002915		0.23	<0.005	<0.2	1.33	10	<10	190	<0.5	<2	0.27	<0.5	7	22	12	2.41
DD002916		0.17	<0.005	0.6	1.05	29	<10	420	0.6	<2	0.45	0.7	7	13	35	2.28
DD002917		0.17	<0.005	0.6	0.68	37	<10	430	0.5	2	0.45	0.5	7	9	36	2.34
DD002918		0.16	0.020	1.0	1.70	58	<10	780	1.2	<2	0.39	<0.5	8	18	30	2.90
DD002919		0.22	<0.005	<0.2	0.97	27	<10	170	<0.5	<2	0.20	<0.5	12	19	33	2.81
DD002920		0.19	0.005	0.2	0.99	56	<10	220	<0.5	<2	0.27	<0.5	8	16	16	2.38
DD002921		0.19	<0.005	0.3	1.31	25	<10	340	0.5	<2	0.26	0.6	6	23	21	1.91
DD002922		0.21	<0.005	0.3	0.53	35	<10	550	0.7	<2	0.44	0.7	9	11	23	2.59
DD002923		0.21	<0.005	<0.2	1.33	16	<10	330	<0.5	<2	0.29	0.5	10	21	23	2.63
DD002924		0.18	<0.005	<0.2	0.72	18	<10	700	<0.5	2	0.33	<0.5	10	12	17	2.86
DD002925		0.16	NSS	0.4	1.05	22	<10	520	0.5	<2	0.72	2.4	10	27	32	2.52
DD002926		0.11	<0.005	0.3	1.54	14	<10	310	<0.5	<2	0.30	<0.5	5	16	13	1.48
DD002927		0.13	<0.005	0.3	1.88	13	<10	310	<0.5	<2	0.27	<0.5	5	21	31	1.69
DD002928		0.24	<0.005	<0.2	1.57	27	<10	200	<0.5	<2	0.25	<0.5	6	20	10	2.38
DD002929		0.21	<0.005	<0.2	1.04	17	<10	160	<0.5	<2	0.31	<0.5	3	15	8	1.26
DD002930		0.23	0.010	<0.2	1.43	17	<10	200	<0.5	<2	0.32	<0.5	7	21	13	1.62
DD002931		0.15	<0.005	0.2	1.38	7	<10	170	<0.5	<2	0.25	<0.5	5	20	12	1.31
DD002932		0.20	<0.005	<0.2	1.49	11	<10	200	<0.5	<2	0.31	<0.5	7	20	10	1.72
DD002933		0.22	<0.005	<0.2	1.53	9	<10	170	<0.5	<2	0.28	<0.5	7	20	10	1.83
DD002934		0.19	<0.005	0.2	1.65	19	<10	220	<0.5	<2	0.27	<0.5	11	20	14	2.44
DD002935		0.28	0.006	<0.2	0.83	24	<10	150	<0.5	<2	0.35	<0.5	6	15	14	1.87
DD002936		0.26	<0.005	<0.2	0.80	10	<10	130	<0.5	<2	0.36	<0.5	5	15	15	1.69
DD002937		0.21	<0.005	0.3	2.27	157	<10	570	0.7	2	0.43	0.6	16	15	28	5.85
DD002938		0.26	<0.005	0.2	1.76	22	<10	260	<0.5	<2	0.29	<0.5	8	24	20	2.49
DD002939		0.23	<0.005	<0.2	1.33	12	<10	150	<0.5	4	0.29	<0.5	7	18	13	1.92
DD002940		0.21	<0.005	<0.2	1.71	16	<10	240	<0.5	<2	0.26	<0.5	9	21	16	2.33
DD002941		0.22	<0.005	<0.2	1.35	10	<10	170	<0.5	<2	0.31	<0.5	6	20	14	1.93
DD002942		0.24	<0.005	<0.2	1.65	15	<10	200	<0.5	<2	0.29	<0.5	8	21	17	2.27
DD002943		0.26	0.006	0.2	0.85	69	<10	380	0.5	<2	0.29	0.5	7	15	37	2.54
DD002944		0.21	<0.005	<0.2	1.32	39	<10	230	0.5	<2	0.25	<0.5	11	18	38	2.94
DD002945		0.20	<0.005	0.2	1.33	23	<10	300	0.6	<2	0.34	0.5	12	18	34	3.91
DD002946		0.10	0.088	2.9	1.06	327	<10	560	0.5	<2	0.45	1.1	5	12	28	2.19
DD002947		0.21	0.137	2.6	1.33	509	<10	430	0.6	<2	0.37	2.9	9	20	28	2.48
DD002948		0.17	<0.005	1.2	1.46	21	<10	100	<0.5	<2	0.11	<0.5	7	20	14	2.45
DD002949		0.21	<0.005	<0.2	1.68	18	<10	250	0.6	<2	0.29	<0.5	11	20	23	2.60
DD002950		0.24	0.013	0.6	1.07	18	<10	220	0.6	2	0.34	1.8	5	20	21	1.73
DD002951		0.20	<0.005	0.3	2.16	8	<10	340	<0.5	2	0.39	<0.5	7	13	21	2.61

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002912		<10	<1	0.11	20	0.25	519	4	0.01	6	600	18	0.01	11	3	15
DD002913		<10	<1	0.08	10	0.35	282	1	0.01	9	460	21	0.01	2	4	20
DD002914		<10	<1	0.06	10	0.26	350	<1	0.02	11	750	35	0.05	<2	3	24
DD002915		<10	<1	0.08	10	0.41	511	<1	0.01	12	210	9	<0.01	<2	3	18
DD002916		<10	<1	0.09	20	0.32	795	2	0.02	7	730	43	0.04	2	4	33
DD002917		<10	<1	0.09	10	0.19	989	2	0.02	8	770	38	0.06	2	3	36
DD002918		<10	<1	0.10	50	0.27	858	1	0.02	13	770	33	0.03	<2	10	41
DD002919		<10	<1	0.08	10	0.32	1650	1	0.01	10	450	27	0.01	3	3	20
DD002920		<10	<1	0.08	10	0.34	385	<1	0.02	10	500	41	0.01	4	4	25
DD002921		<10	<1	0.10	20	0.40	354	1	0.02	10	300	30	0.02	4	5	27
DD002922		<10	<1	0.12	20	0.19	1470	3	0.02	8	840	36	0.03	3	5	46
DD002923		10	<1	0.07	10	0.40	285	2	0.02	11	690	28	0.04	<2	5	38
DD002924		<10	<1	0.10	20	0.19	2280	1	0.02	6	620	22	0.02	3	4	24
DD002925		<10	<1	0.16	20	0.42	966	2	0.02	17	910	75	0.12	3	5	57
DD002926		<10	<1	0.05	10	0.35	176	<1	0.03	8	690	17	0.04	<2	2	24
DD002927		10	<1	0.07	10	0.42	236	<1	0.02	18	640	23	0.03	<2	4	21
DD002928		10	<1	0.07	10	0.47	249	1	0.02	10	580	16	0.02	<2	3	19
DD002929		<10	<1	0.07	10	0.36	213	1	0.02	7	650	11	0.01	<2	2	17
DD002930		<10	<1	0.09	10	0.43	334	<1	0.02	10	630	14	0.02	<2	3	19
DD002931		<10	<1	0.08	10	0.40	210	<1	0.02	8	640	14	0.02	<2	3	16
DD002932		10	<1	0.09	10	0.50	267	<1	0.02	10	570	13	0.02	<2	4	19
DD002933		10	<1	0.10	10	0.52	259	<1	0.02	10	540	11	0.02	<2	4	19
DD002934		10	<1	0.09	10	0.51	513	<1	0.02	11	590	15	0.02	<2	4	19
DD002935		<10	<1	0.08	10	0.31	424	1	0.02	8	680	11	<0.01	<2	3	23
DD002936		<10	<1	0.08	10	0.30	325	<1	0.02	7	720	14	<0.01	<2	3	22
DD002937		10	<1	0.39	10	0.86	736	5	0.04	8	1050	28	<0.01	3	10	49
DD002938		10	<1	0.10	10	0.49	276	1	0.02	11	770	28	0.01	<2	6	22
DD002939		<10	<1	0.08	10	0.46	267	<1	0.02	9	620	16	<0.01	<2	3	18
DD002940		<10	1	0.08	10	0.52	413	1	0.03	10	570	15	0.01	<2	4	21
DD002941		<10	<1	0.09	10	0.49	243	1	0.02	9	680	12	<0.01	<2	4	21
DD002942		10	<1	0.10	10	0.48	392	1	0.02	11	660	16	<0.01	<2	4	21
DD002943		<10	<1	0.10	20	0.28	659	2	0.02	9	610	27	<0.01	6	5	23
DD002944		<10	<1	0.09	10	0.33	891	2	0.02	10	680	19	0.01	3	3	19
DD002945		<10	<1	0.09	20	0.33	1720	1	0.02	12	680	31	0.01	2	4	23
DD002946		<10	<1	0.09	10	0.16	1450	2	0.03	9	620	28	0.04	3	3	25
DD002947		<10	<1	0.10	20	0.32	1700	2	0.02	14	550	325	0.01	10	3	23
DD002948		10	<1	0.07	10	0.18	709	2	0.01	7	190	39	<0.01	<2	2	13
DD002949		<10	<1	0.11	20	0.40	1720	1	0.01	15	400	35	0.01	2	4	20
DD002950		<10	<1	0.10	20	0.38	914	<1	0.02	15	510	83	<0.01	2	4	20
DD002951		10	<1	0.06	10	0.64	623	<1	0.05	6	750	29	0.05	<2	5	39

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002912		<20	0.02	<10	<10	44	<10	82
DD002913		<20	0.04	<10	<10	41	<10	72
DD002914		<20	0.03	<10	<10	35	<10	66
DD002915		<20	0.06	<10	<10	49	<10	56
DD002916		<20	0.03	<10	<10	41	<10	125
DD002917		<20	0.02	<10	<10	34	<10	88
DD002918		<20	0.01	<10	<10	46	<10	87
DD002919		<20	0.05	<10	<10	53	<10	87
DD002920		<20	0.03	<10	<10	41	<10	85
DD002921		<20	0.04	<10	<10	49	<10	96
DD002922		<20	0.02	<10	<10	35	<10	106
DD002923		<20	0.04	<10	<10	54	<10	84
DD002924		<20	0.02	<10	<10	41	<10	92
DD002925		<20	0.05	<10	<10	45	<10	210
DD002926		<20	0.04	<10	<10	31	<10	68
DD002927		<20	0.05	<10	<10	45	<10	68
DD002928		<20	0.06	<10	<10	55	<10	59
DD002929		<20	0.06	<10	<10	36	<10	42
DD002930		<20	0.06	<10	<10	42	<10	51
DD002931		<20	0.06	<10	<10	36	<10	51
DD002932		<20	0.06	<10	<10	39	<10	64
DD002933		<20	0.07	<10	<10	38	<10	62
DD002934		<20	0.07	<10	<10	52	<10	66
DD002935		<20	0.06	<10	<10	42	<10	45
DD002936		<20	0.06	<10	<10	40	<10	47
DD002937		<20	0.11	<10	<10	105	<10	170
DD002938		<20	0.08	<10	<10	64	<10	66
DD002939		<20	0.08	<10	<10	46	<10	55
DD002940		<20	0.08	<10	<10	52	<10	63
DD002941		<20	0.09	<10	<10	48	<10	56
DD002942		<20	0.08	<10	<10	51	<10	61
DD002943		<20	0.05	<10	<10	41	<10	103
DD002944		<20	0.05	<10	<10	49	<10	84
DD002945		<20	0.04	<10	<10	45	<10	96
DD002946		<20	0.02	<10	<10	32	<10	117
DD002947		<20	0.03	<10	<10	39	<10	318
DD002948		<20	0.04	<10	<10	64	<10	59
DD002949		<20	0.03	<10	<10	42	<10	87
DD002950		<20	0.06	<10	<10	37	<10	170
DD002951		<20	0.07	<10	<10	63	<10	104

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002952		0.31	0.013	0.6	1.54	24	<10	290	<0.5	<2	0.28	<0.5	7	20	21	2.00
DD002953		0.43	0.008	0.4	1.43	29	<10	320	<0.5	<2	0.22	<0.5	10	20	29	2.40
DD002954		0.38	0.010	<0.2	1.57	17	<10	150	<0.5	<2	0.24	0.5	10	20	83	2.82
DD002955		0.31	0.014	0.6	1.18	37	<10	160	<0.5	3	0.23	0.6	10	17	60	2.69
DD002956		0.39	0.028	1.0	1.39	35	<10	150	<0.5	3	0.29	0.7	11	20	55	3.10
DD002957		0.30	0.019	1.1	0.85	65	<10	260	<0.5	2	0.26	0.7	7	12	28	2.67
DD002958		0.30	0.015	1.0	1.50	110	<10	390	<0.5	2	0.25	1.0	6	20	21	2.79
DD002959		0.34	<0.005	<0.2	1.73	21	<10	290	<0.5	<2	0.25	0.7	7	23	14	2.71
DD002960		0.27	0.017	1.0	1.89	34	<10	400	<0.5	<2	0.31	0.6	7	23	20	2.42
DD002961		0.43	0.009	0.5	1.36	35	<10	340	<0.5	2	0.36	<0.5	6	19	17	2.21
DD002962		0.43	0.054	1.2	1.22	23	<10	240	<0.5	2	0.30	1.7	5	19	244	2.73
DD002963		0.49	0.045	0.9	1.40	25	<10	200	<0.5	2	0.31	1.8	8	15	240	3.17
DD002964		0.28	0.046	0.5	1.02	21	<10	190	<0.5	<2	0.21	0.6	5	17	138	2.70
DD002965		0.38	0.021	0.6	0.97	21	<10	270	<0.5	<2	0.31	<0.5	5	17	92	2.20
DD002966		0.36	0.122	0.7	1.52	23	<10	390	<0.5	<2	0.43	0.5	8	21	171	3.30
DD002967		0.29	0.038	1.5	1.08	13	<10	270	<0.5	<2	0.30	<0.5	3	9	167	1.45
DD002968		0.29	0.062	0.4	1.26	24	<10	230	<0.5	<2	0.14	0.6	7	19	304	2.95
DD002969		0.25	0.025	0.5	2.02	24	<10	130	<0.5	<2	0.19	<0.5	9	28	126	2.95
DD002970		0.33	0.065	1.1	1.36	24	<10	120	<0.5	2	0.15	<0.5	9	18	238	2.33
DD002971		0.34	0.043	0.6	1.43	15	<10	400	0.5	<2	0.49	0.5	4	17	52	2.07
DD002972		0.46	0.177	0.2	1.85	14	<10	290	<0.5	<2	0.26	<0.5	6	22	30	2.54
DD002973		0.44	0.019	<0.2	1.89	11	<10	290	<0.5	<2	0.25	<0.5	8	21	29	2.59
DD002974		0.28	0.025	0.7	1.30	24	<10	410	0.5	<2	0.60	0.8	7	13	63	3.37
DD002975		0.45	0.010	<0.2	0.99	11	<10	160	<0.5	<2	0.32	<0.5	5	13	16	1.85
DD002976		0.25	0.015	0.8	1.75	12	<10	270	<0.5	<2	0.55	<0.5	5	24	49	2.39
DD002977		0.23	0.008	0.9	1.06	9	<10	240	<0.5	<2	0.47	<0.5	4	11	36	2.19
DD002978		0.25	0.039	1.1	1.74	19	<10	310	<0.5	3	0.42	<0.5	9	19	75	2.84
DD002979		0.37	0.043	0.3	1.45	13	<10	150	<0.5	<2	0.25	<0.5	7	21	46	2.51
DD002980		0.51	0.068	0.5	1.21	25	<10	140	<0.5	3	0.21	<0.5	7	18	72	3.05
DD002981		0.32	0.033	1.4	1.46	15	<10	190	<0.5	<2	0.20	0.5	5	20	38	2.32
DD002982		0.34	0.048	0.4	1.11	16	<10	200	<0.5	<2	0.30	<0.5	7	20	28	2.31
DD002983		0.36	0.086	0.9	0.91	18	<10	180	<0.5	3	0.19	<0.5	5	13	33	2.23
DD002984		0.35	0.160	0.7	0.81	33	<10	210	<0.5	7	0.25	<0.5	6	20	50	3.36
DD002985		0.36	0.030	0.5	0.90	11	<10	210	<0.5	2	0.31	<0.5	6	15	23	1.79
DD002986		0.25	0.024	0.3	1.43	17	<10	140	<0.5	<2	0.19	<0.5	8	22	18	2.52
DD002987		0.37	0.012	0.5	1.53	15	<10	180	<0.5	<2	0.24	<0.5	6	23	20	2.23
DD002988		0.28	0.053	0.5	1.05	27	<10	220	<0.5	4	0.34	<0.5	6	18	26	2.19
DD002989		0.29	0.033	0.5	0.77	11	<10	150	<0.5	2	0.40	<0.5	2	11	27	1.43
DD002990		0.16	0.023	0.9	1.65	17	<10	430	<0.5	<2	0.44	2.4	12	17	45	2.51
DD002991		0.31	0.023	0.7	1.46	54	<10	270	<0.5	5	0.57	0.6	8	17	54	2.84

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002952		10	<1	0.08	10	0.44	493	1	0.02	9	710	36	0.02	<2	3	22
DD002953		10	<1	0.08	10	0.27	1160	2	0.02	10	520	25	0.02	<2	4	22
DD002954		10	<1	0.13	10	0.59	589	4	0.02	10	560	25	0.01	<2	4	19
DD002955		<10	<1	0.10	10	0.48	763	4	0.01	9	580	74	0.01	3	4	18
DD002956		10	<1	0.12	10	0.52	866	5	0.02	11	800	95	0.01	2	5	20
DD002957		<10	<1	0.06	20	0.30	557	4	0.01	5	640	75	0.01	2	3	21
DD002958		10	<1	0.10	10	0.29	614	2	0.01	8	670	104	0.02	<2	3	22
DD002959		10	<1	0.10	10	0.49	380	1	0.02	12	250	15	0.01	<2	5	20
DD002960		10	<1	0.09	10	0.39	480	1	0.02	11	760	60	0.02	<2	4	24
DD002961		<10	<1	0.06	10	0.40	418	<1	0.02	8	710	37	0.01	<2	3	22
DD002962		<10	<1	0.09	10	0.36	257	4	0.02	9	640	140	0.03	3	4	22
DD002963		10	<1	0.09	10	0.48	1000	8	0.02	7	670	49	0.03	<2	3	29
DD002964		<10	<1	0.07	10	0.35	183	4	0.02	6	600	28	0.02	<2	3	18
DD002965		<10	<1	0.07	10	0.27	255	3	0.02	10	380	38	0.02	2	2	47
DD002966		10	<1	0.10	10	0.67	345	8	0.02	11	740	35	0.02	2	6	55
DD002967		<10	<1	0.06	10	0.14	132	3	0.04	6	570	22	0.03	<2	2	31
DD002968		<10	<1	0.07	20	0.30	325	11	0.02	9	600	26	0.02	3	3	17
DD002969		10	<1	0.09	10	0.43	354	5	0.02	14	700	16	0.01	2	4	17
DD002970		<10	<1	0.05	10	0.24	584	11	0.02	9	560	29	0.01	6	2	17
DD002971		<10	<1	0.07	10	0.33	164	2	0.02	8	710	20	0.04	<2	3	70
DD002972		10	<1	0.07	10	0.37	212	1	0.02	11	720	16	0.02	<2	3	24
DD002973		10	<1	0.07	10	0.41	319	1	0.02	10	610	13	0.01	<2	3	26
DD002974		<10	<1	0.05	20	0.25	614	2	0.02	6	980	23	0.10	<2	3	82
DD002975		<10	<1	0.04	10	0.34	250	<1	0.02	5	540	13	0.02	<2	3	38
DD002976		10	<1	0.07	10	0.45	120	1	0.02	11	730	34	0.07	<2	5	99
DD002977		<10	<1	0.04	10	0.21	207	2	0.03	6	830	7	0.08	<2	2	70
DD002978		10	<1	0.08	20	0.49	404	2	0.03	12	730	22	0.04	<2	4	38
DD002979		10	<1	0.08	10	0.46	277	1	0.02	11	470	11	0.01	<2	3	19
DD002980		<10	1	0.08	10	0.36	457	2	0.02	9	590	20	0.02	2	4	17
DD002981		<10	<1	0.07	10	0.31	368	1	0.02	8	580	33	0.02	<2	3	18
DD002982		<10	<1	0.07	10	0.36	522	1	0.02	10	650	21	0.02	<2	4	20
DD002983		<10	<1	0.08	10	0.23	382	2	0.01	5	710	23	0.07	5	2	20
DD002984		<10	<1	0.15	10	0.26	381	2	0.01	12	670	24	0.27	14	2	35
DD002985		<10	<1	0.05	10	0.26	327	1	0.01	9	600	12	0.05	2	2	23
DD002986		<10	<1	0.07	10	0.38	307	1	0.01	11	360	18	0.02	2	3	16
DD002987		<10	<1	0.05	10	0.37	262	<1	0.01	12	420	9	0.01	<2	3	17
DD002988		<10	<1	0.06	10	0.31	350	1	0.01	9	620	17	0.03	2	2	23
DD002989		<10	<1	0.05	10	0.21	152	1	0.02	5	720	14	0.06	2	2	26
DD002990		<10	<1	0.06	10	0.36	4040	1	0.02	9	1110	17	0.09	<2	3	37
DD002991		10	<1	0.05	10	0.37	315	3	0.02	10	830	17	0.08	3	4	38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002952		<20	0.04	<10	<10	46	<10	107
DD002953		<20	0.03	<10	<10	58	<10	77
DD002954		<20	0.10	<10	<10	64	<10	92
DD002955		<20	0.08	<10	<10	58	<10	161
DD002956		<20	0.08	<10	<10	62	<10	189
DD002957		<20	0.04	<10	<10	60	<10	190
DD002958		<20	0.03	<10	<10	55	<10	176
DD002959		<20	0.07	<10	<10	60	<10	97
DD002960		<20	0.06	<10	<10	55	<10	152
DD002961		<20	0.07	<10	<10	49	<10	107
DD002962		<20	0.04	<10	<10	47	<10	218
DD002963		<20	0.06	<10	<10	62	<10	150
DD002964		<20	0.05	<10	<10	59	<10	93
DD002965		<20	0.04	<10	<10	39	<10	88
DD002966		<20	0.06	<10	<10	71	<10	121
DD002967		<20	0.02	<10	<10	31	<10	59
DD002968		<20	0.05	<10	<10	51	<10	93
DD002969		<20	0.08	<10	<10	60	<10	85
DD002970		<20	0.05	<10	<10	45	<10	75
DD002971		<20	0.05	<10	<10	56	<10	79
DD002972		<20	0.05	<10	<10	57	<10	45
DD002973		<20	0.07	<10	<10	63	<10	48
DD002974		<20	0.04	<10	<10	56	<10	55
DD002975		<20	0.06	<10	<10	51	<10	39
DD002976		<20	0.04	<10	10	67	<10	63
DD002977		<20	0.03	<10	<10	43	<10	25
DD002978		<20	0.04	<10	<10	51	<10	76
DD002979		<20	0.07	<10	<10	50	<10	58
DD002980		<20	0.05	<10	<10	47	<10	66
DD002981		<20	0.04	<10	<10	49	<10	88
DD002982		<20	0.06	<10	<10	44	<10	77
DD002983		<20	0.02	<10	<10	31	<10	65
DD002984		<20	0.03	<10	<10	38	<10	99
DD002985		<20	0.04	<10	<10	32	<10	45
DD002986		<20	0.06	<10	<10	45	<10	81
DD002987		<20	0.06	<10	<10	47	<10	49
DD002988		<20	0.04	<10	<10	35	<10	70
DD002989		<20	0.03	<10	<10	26	<10	49
DD002990		<20	0.03	<10	<10	41	<10	137
DD002991		<20	0.04	<10	<10	72	<10	94

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002992		0.25	0.032	0.5	1.35	26	<10	250	<0.5	2	0.68	<0.5	6	15	39	2.09
DD002993		0.34	0.064	0.6	1.44	29	<10	170	<0.5	3	0.42	0.5	5	19	31	2.37
DD002994		0.38	0.115	0.4	1.21	37	<10	100	<0.5	4	0.37	1.0	9	16	25	2.25
DD002995		0.25	0.005	0.2	0.68	17	<10	60	<0.5	<2	0.18	<0.5	2	9	17	1.09
DD002996		0.37	0.019	0.5	1.73	54	<10	120	<0.5	12	0.35	<0.5	8	19	114	3.26
DD002997		0.20	<0.005	0.2	0.84	11	<10	90	<0.5	<2	0.27	<0.5	5	10	22	2.07
DD002998		0.29	0.015	0.8	1.84	17	<10	260	<0.5	3	0.34	<0.5	7	24	36	2.45
DD002999		0.22	<0.005	<0.2	1.68	20	<10	80	<0.5	<2	0.14	<0.5	5	18	20	2.33
DD003000		0.26	0.022	0.6	2.39	45	<10	100	0.5	13	0.15	0.6	8	25	88	4.18
ZZ35501		0.31	<0.005	0.3	2.24	62	<10	310	<0.5	<2	0.36	<0.5	13	24	22	5.15
ZZ35502		0.12	<0.005	0.4	1.85	17	<10	250	<0.5	2	0.41	<0.5	5	17	19	1.59
ZZ35503		0.30	0.009	0.2	1.16	48	<10	320	<0.5	<2	0.40	<0.5	6	15	16	2.07
ZZ35504		0.39	<0.005	0.6	1.21	26	<10	350	<0.5	<2	0.38	0.5	6	13	23	1.53
ZZ35505		0.54	<0.005	0.5	1.42	49	<10	310	0.5	<2	0.32	<0.5	9	19	15	2.36
ZZ35506		0.34	<0.005	0.2	2.19	14	<10	370	<0.5	<2	0.44	<0.5	8	28	22	2.80
ZZ35507		0.61	<0.005	0.2	1.35	17	<10	500	0.6	2	0.46	0.5	16	16	54	4.63
ZZ35508		0.33	<0.005	<0.2	1.63	15	<10	210	0.5	<2	0.31	0.5	10	20	45	3.48
ZZ35509		0.48	<0.005	0.2	1.56	12	<10	200	<0.5	<2	0.33	<0.5	8	18	29	2.30
ZZ35510		0.39	0.005	0.3	1.51	14	<10	390	0.5	<2	0.66	1.0	12	21	47	2.83
ZZ35511		0.23	<0.005	0.3	1.51	25	<10	350	<0.5	<2	0.42	0.9	7	19	34	5.58
ZZ35512		0.69	0.010	0.3	1.59	55	<10	410	0.6	<2	0.35	0.5	12	23	20	2.62
ZZ35513		0.32	<0.005	<0.2	1.16	19	<10	210	<0.5	<2	0.29	<0.5	7	17	12	2.17
ZZ35514		0.37	<0.005	<0.2	1.25	11	<10	190	<0.5	<2	0.31	<0.5	7	18	15	2.37
ZZ35515		0.41	0.010	0.5	1.25	18	<10	180	<0.5	<2	0.27	<0.5	4	18	14	2.09
ZZ35516		0.29	0.006	1.4	1.21	17	<10	250	<0.5	<2	0.51	0.5	9	18	23	2.08
ZZ35517		0.57	0.006	0.2	1.31	17	<10	200	<0.5	<2	0.34	<0.5	5	20	13	1.97
ZZ35518		0.46	0.006	0.7	1.07	39	<10	350	0.5	3	0.58	0.7	8	15	25	2.27
ZZ35519		0.45	0.008	0.8	0.99	73	<10	500	0.6	2	0.57	0.6	10	10	34	3.77
ZZ35520		0.39	0.006	1.1	1.06	24	<10	480	0.5	2	0.47	2.1	10	12	26	1.70
ZZ35521		0.40	<0.005	0.2	1.29	10	<10	160	<0.5	2	0.28	<0.5	6	21	26	1.93
ZZ35522		0.63	<0.005	0.3	1.42	8	<10	230	<0.5	2	0.25	<0.5	5	22	27	1.70
ZZ35523		0.54	0.006	0.3	1.07	10	<10	160	<0.5	2	0.27	<0.5	4	17	18	1.45
ZZ35524		0.23	<0.005	0.3	0.97	15	<10	110	<0.5	2	0.15	<0.5	5	14	21	1.67
ZZ35525		0.28	<0.005	0.3	1.06	12	<10	40	<0.5	2	0.12	<0.5	2	8	10	1.65
ZZ35526		0.69	<0.005	0.3	1.64	9	<10	100	<0.5	<2	0.17	<0.5	6	26	14	2.30
ZZ35527		0.39	<0.005	0.7	2.75	12	<10	130	0.5	2	0.20	<0.5	10	37	23	2.82
ZZ35528		0.59	0.013	0.6	1.20	22	<10	170	<0.5	2	0.30	<0.5	4	21	18	1.66
ZZ35529		0.21	<0.005	<0.2	1.38	8	<10	180	<0.5	2	0.29	<0.5	6	20	15	1.72
ZZ35530		0.41	<0.005	0.2	1.49	15	<10	210	<0.5	2	0.32	<0.5	7	22	15	2.06
ZZ35531		0.23	<0.005	<0.2	1.36	6	<10	140	<0.5	2	0.26	<0.5	7	17	10	1.57

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
DD002992		<10	<1	0.05	10	0.27	324	1	0.02	9	670	13	0.06	3	4	47
DD002993		<10	<1	0.06	10	0.41	192	1	0.01	8	620	38	0.03	2	4	26
DD002994		<10	<1	0.10	10	0.47	452	1	0.01	6	730	65	0.02	2	3	23
DD002995		<10	<1	0.04	10	0.18	77	<1	0.02	4	300	3	0.01	<2	1	14
DD002996		10	<1	0.12	10	0.66	268	2	0.02	9	590	12	0.05	<2	4	34
DD002997		<10	<1	0.05	10	0.22	124	1	0.03	5	540	5	0.02	<2	2	18
DD002998		10	<1	0.08	10	0.48	197	1	0.01	13	700	12	0.02	<2	4	23
DD002999		10	<1	0.05	10	0.26	171	1	0.01	7	340	12	0.01	<2	2	14
DD003000		10	<1	0.08	10	0.56	286	2	0.01	11	500	28	0.03	2	4	21
ZZ35501		10	<1	0.09	10	0.83	355	3	0.04	10	1010	24	0.07	<2	6	28
ZZ35502		10	<1	0.08	10	0.61	326	1	0.04	9	930	21	0.08	<2	3	27
ZZ35503		<10	<1	0.07	10	0.32	840	1	0.01	8	890	36	0.06	3	2	24
ZZ35504		<10	<1	0.04	10	0.25	561	1	0.02	7	950	25	0.08	<2	2	28
ZZ35505		<10	<1	0.07	10	0.39	519	1	0.01	10	710	45	0.02	2	4	23
ZZ35506		10	<1	0.11	10	0.83	483	1	0.04	13	650	40	0.04	<2	5	38
ZZ35507		<10	<1	0.34	20	0.68	2050	3	0.03	8	710	39	0.02	4	12	35
ZZ35508		<10	<1	0.08	10	0.51	415	2	0.02	10	850	35	0.02	4	6	20
ZZ35509		10	<1	0.07	10	0.54	315	2	0.02	10	650	29	0.02	3	4	25
ZZ35510		<10	<1	0.09	20	0.50	830	2	0.02	13	930	22	0.07	3	6	123
ZZ35511		<10	<1	0.06	10	0.34	411	3	0.02	8	860	33	0.10	2	4	50
ZZ35512		<10	<1	0.09	20	0.45	604	2	0.01	15	560	48	0.02	2	5	31
ZZ35513		<10	<1	0.08	10	0.35	376	1	0.01	9	530	29	0.02	<2	3	24
ZZ35514		<10	<1	0.08	10	0.48	506	1	0.01	10	480	32	0.01	<2	4	26
ZZ35515		<10	<1	0.07	10	0.33	359	1	0.01	8	580	54	0.02	2	3	21
ZZ35516		<10	<1	0.04	10	0.25	639	1	0.02	10	950	25	0.07	<2	2	50
ZZ35517		<10	<1	0.08	10	0.40	360	<1	0.01	13	720	25	0.01	<2	4	19
ZZ35518		<10	<1	0.09	20	0.41	440	1	0.02	7	750	51	0.04	3	4	37
ZZ35519		<10	<1	0.06	10	0.22	3250	5	0.02	9	780	44	0.08	5	3	49
ZZ35520		<10	<1	0.09	20	0.25	1820	2	0.02	9	730	55	0.06	4	4	41
ZZ35521		<10	<1	0.08	10	0.40	282	1	0.02	12	550	12	0.01	3	3	19
ZZ35522		<10	<1	0.06	10	0.37	242	1	0.01	12	510	12	0.01	2	3	18
ZZ35523		<10	<1	0.04	10	0.30	169	2	0.01	10	550	10	<0.01	2	2	17
ZZ35524		<10	<1	0.05	10	0.19	831	2	0.01	7	430	28	0.01	2	1	13
ZZ35525		<10	<1	0.06	10	0.10	237	2	0.01	4	400	20	0.01	3	1	10
ZZ35526		10	<1	0.07	10	0.35	202	1	0.01	13	390	9	0.01	<2	3	16
ZZ35527		10	<1	0.10	10	0.52	556	1	0.02	19	460	21	0.01	3	4	21
ZZ35528		<10	<1	0.07	10	0.38	244	1	0.01	11	570	46	<0.01	3	3	23
ZZ35529		<10	<1	0.06	10	0.38	188	1	0.02	9	590	10	0.01	<2	3	26
ZZ35530		<10	<1	0.05	10	0.45	210	1	0.02	11	540	12	0.01	<2	4	27
ZZ35531		<10	<1	0.05	10	0.41	571	1	0.02	9	700	10	0.02	2	3	21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
DD002992		<20	0.04	<10	<10	40	<10	61
DD002993		<20	0.05	<10	<10	48	<10	104
DD002994		<20	0.06	<10	<10	48	<10	219
DD002995		<20	0.04	<10	<10	29	<10	20
DD002996		<20	0.09	<10	<10	66	<10	53
DD002997		<20	0.05	<10	<10	45	<10	37
DD002998		<20	0.06	<10	<10	49	<10	58
DD002999		<20	0.07	<10	<10	60	<10	47
DD003000		<20	0.11	<10	<10	79	<10	110
ZZ35501		<20	0.08	<10	<10	101	<10	129
ZZ35502		<20	0.05	<10	<10	43	<10	111
ZZ35503		<20	0.03	<10	<10	39	<10	75
ZZ35504		<20	0.03	<10	<10	36	<10	61
ZZ35505		<20	0.04	<10	<10	45	<10	79
ZZ35506		<20	0.08	<10	<10	67	<10	142
ZZ35507		<20	0.10	<10	<10	87	<10	135
ZZ35508		<20	0.05	<10	<10	62	<10	154
ZZ35509		<20	0.05	<10	<10	58	<10	84
ZZ35510		<20	0.05	<10	10	59	<10	102
ZZ35511		<20	0.04	<10	<10	62	<10	80
ZZ35512		<20	0.03	<10	<10	56	<10	80
ZZ35513		<20	0.03	<10	<10	43	<10	75
ZZ35514		<20	0.06	<10	<10	52	<10	96
ZZ35515		<20	0.03	<10	<10	41	<10	78
ZZ35516		<20	0.04	<10	<10	40	<10	54
ZZ35517		<20	0.06	<10	<10	38	<10	55
ZZ35518		<20	0.04	<10	<10	46	<10	100
ZZ35519		<20	0.02	<10	<10	32	<10	135
ZZ35520		<20	0.02	<10	10	32	<10	124
ZZ35521		<20	0.06	<10	<10	41	<10	50
ZZ35522		<20	0.05	<10	<10	36	<10	49
ZZ35523		<20	0.05	<10	<10	32	<10	41
ZZ35524		<20	0.04	<10	<10	41	<10	52
ZZ35525		<20	0.02	<10	<10	43	<10	65
ZZ35526		<20	0.08	<10	<10	56	<10	41
ZZ35527		<20	0.09	<10	<10	54	<10	58
ZZ35528		<20	0.05	<10	<10	35	<10	75
ZZ35529		<20	0.07	<10	<10	44	<10	46
ZZ35530		<20	0.07	<10	<10	54	<10	51
ZZ35531		<20	0.06	<10	<10	37	<10	50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35532		0.53	<0.005	0.3	0.71	40	<10	430	0.5	<2	0.33	<0.5	12	10	97	3.10
ZZ35533		0.50	<0.005	0.6	0.71	29	<10	190	0.7	9	0.30	<0.5	9	6	226	3.57
ZZ35534		0.58	<0.005	0.8	0.74	36	<10	300	0.9	<2	0.36	0.6	11	6	135	3.61
ZZ35535		0.62	<0.005	1.0	0.69	47	<10	200	1.0	<2	0.35	0.6	11	5	342	3.90
ZZ35536		0.58	0.008	0.8	0.39	101	<10	300	1.2	3	0.20	<0.5	21	9	62	4.67
ZZ35537		0.78	0.005	0.4	0.69	41	<10	400	0.5	<2	0.29	<0.5	11	8	94	2.64
ZZ35538		0.70	0.005	0.5	0.44	86	<10	740	0.7	2	0.30	0.7	17	8	87	2.98
ZZ35539		0.53	0.009	<0.2	1.40	11	<10	230	<0.5	2	0.38	<0.5	6	21	18	2.00
ZZ35540		0.58	<0.005	0.2	1.22	9	<10	180	<0.5	<2	0.30	<0.5	8	17	13	1.98
ZZ35541		0.40	<0.005	0.2	1.71	12	<10	180	<0.5	<2	0.24	<0.5	5	19	13	1.85
ZZ35542		0.53	<0.005	0.2	1.43	9	<10	150	<0.5	2	0.29	<0.5	5	18	12	1.57
ZZ35543		0.58	<0.005	0.2	1.58	10	<10	180	<0.5	<2	0.23	<0.5	8	18	15	2.23
ZZ35544		0.51	<0.005	0.3	1.88	15	<10	200	<0.5	3	0.23	<0.5	8	21	19	2.65
ZZ35545		0.42	<0.005	0.3	1.61	13	<10	180	<0.5	5	0.24	<0.5	7	20	20	1.90
ZZ35546		0.33	<0.005	0.4	1.36	16	<10	150	<0.5	2	0.25	<0.5	7	17	17	2.20
ZZ35547		0.28	<0.005	0.8	1.62	18	<10	200	<0.5	3	0.28	<0.5	8	20	22	2.22
ZZ35548		0.53	<0.005	0.3	1.79	20	<10	240	0.5	2	0.23	<0.5	11	18	19	2.69
ZZ35549		0.29	<0.005	0.3	1.28	9	<10	150	<0.5	2	0.27	<0.5	8	12	26	2.06
ZZ35550		0.28	<0.005	0.2	0.93	4	<10	80	<0.5	<2	0.21	<0.5	4	8	26	1.31
ZZ35551		0.22	0.006	0.2	1.85	12	<10	360	0.5	2	0.39	<0.5	7	25	34	2.64
ZZ35552		0.26	<0.005	0.2	1.61	12	<10	340	0.5	3	0.35	<0.5	9	23	19	2.46
ZZ35553		0.21	0.008	0.3	0.73	38	<10	150	0.6	3	0.29	<0.5	5	9	30	2.03
ZZ35554		0.14	<0.005	<0.2	0.45	5	<10	90	<0.5	<2	0.21	<0.5	3	5	10	2.40
ZZ35555		0.13	<0.005	<0.2	0.97	2	<10	130	<0.5	<2	0.21	<0.5	4	12	14	1.17
ZZ35556		0.15	0.005	<0.2	1.19	7	<10	130	<0.5	<2	0.29	<0.5	5	17	11	2.18
ZZ35557		0.17	<0.005	<0.2	1.50	27	<10	190	<0.5	<2	0.29	<0.5	9	18	19	4.16
ZZ35558		0.17	<0.005	0.2	1.33	13	<10	160	<0.5	2	0.31	0.6	10	16	18	2.45
ZZ35559		0.13	0.025	0.3	1.61	32	<10	190	<0.5	3	0.27	<0.5	9	18	23	4.62
ZZ35560		0.21	<0.005	<0.2	1.88	14	<10	200	<0.5	2	0.29	<0.5	11	22	20	2.88
ZZ35561		0.12	<0.005	0.2	1.85	21	<10	230	<0.5	2	0.34	<0.5	8	16	17	3.09
ZZ35562		0.21	<0.005	<0.2	1.56	6	<10	160	<0.5	3	0.28	<0.5	7	21	21	1.67
ZZ35563		0.18	<0.005	0.2	1.81	17	<10	220	0.5	2	0.26	<0.5	9	25	24	2.43
ZZ35564		0.22	0.011	0.2	1.52	19	<10	210	<0.5	<2	0.33	<0.5	10	22	20	2.60
ZZ35565		0.14	<0.005	0.3	1.45	5	<10	270	<0.5	2	0.29	0.9	10	19	24	1.96
ZZ35566		0.21	<0.005	0.5	1.51	26	<10	220	0.6	5	0.25	<0.5	6	20	37	3.47
ZZ35567		0.13	<0.005	0.3	0.54	5	<10	50	<0.5	<2	0.28	<0.5	7	7	20	1.65
ZZ35568		0.17	<0.005	<0.2	1.30	6	<10	150	<0.5	2	0.25	<0.5	6	16	19	2.08
ZZ35569		0.24	0.005	0.2	1.55	29	<10	210	0.5	4	0.26	<0.5	8	24	38	2.98
ZZ35570		0.21	<0.005	<0.2	1.39	7	<10	160	<0.5	2	0.28	<0.5	7	20	16	1.77
ZZ35571		0.12	NSS	0.2	1.34	3	<10	240	<0.5	<2	0.30	<0.5	5	21	16	1.33

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35532		<10	<1	0.09	20	0.22	1470	5	0.01	6	810	26	<0.01	7	6	24
ZZ35533		<10	<1	0.10	40	0.08	431	4	0.01	5	880	18	<0.01	4	10	22
ZZ35534		<10	<1	0.14	30	0.15	914	5	0.01	6	730	240	<0.01	13	12	23
ZZ35535		<10	<1	0.11	20	0.10	508	6	0.01	4	880	110	<0.01	14	11	21
ZZ35536		<10	<1	0.17	30	0.07	1500	13	0.01	11	590	16	<0.01	19	9	23
ZZ35537		<10	<1	0.09	20	0.22	1455	5	0.01	6	660	25	<0.01	10	5	23
ZZ35538		<10	<1	0.11	30	0.12	3310	5	0.01	7	620	23	<0.01	14	6	30
ZZ35539		<10	<1	0.09	10	0.48	427	2	0.02	11	640	11	<0.01	3	5	29
ZZ35540		<10	<1	0.08	10	0.48	513	2	0.02	8	580	12	<0.01	<2	4	21
ZZ35541		<10	<1	0.08	10	0.49	225	1	0.02	10	530	13	0.02	<2	4	19
ZZ35542		<10	<1	0.09	10	0.46	187	1	0.02	10	680	10	0.01	<2	3	19
ZZ35543		<10	<1	0.07	10	0.49	565	1	0.03	8	810	15	0.04	2	3	20
ZZ35544		10	<1	0.07	10	0.53	289	2	0.02	9	690	21	0.03	<2	4	20
ZZ35545		<10	<1	0.08	10	0.52	238	1	0.02	10	550	22	0.02	2	4	19
ZZ35546		<10	<1	0.08	10	0.49	388	2	0.03	9	500	23	0.02	2	3	22
ZZ35547		<10	<1	0.09	10	0.51	495	1	0.02	10	530	32	0.03	3	4	25
ZZ35548		<10	<1	0.08	10	0.60	976	1	0.03	9	500	20	0.03	<2	5	23
ZZ35549		<10	<1	0.06	10	0.41	582	3	0.02	7	470	14	0.03	<2	3	27
ZZ35550		<10	<1	0.04	10	0.22	244	1	0.03	4	690	12	0.04	<2	1	19
ZZ35551		<10	<1	0.09	20	0.51	293	1	0.02	13	420	9	<0.01	2	7	26
ZZ35552		<10	<1	0.13	20	0.50	454	1	0.01	11	540	12	<0.01	3	6	24
ZZ35553		<10	<1	0.11	30	0.20	168	2	0.01	6	680	27	<0.01	6	5	29
ZZ35554		<10	<1	0.02	<10	0.07	117	1	0.02	2	800	<2	0.02	<2	1	15
ZZ35555		<10	<1	0.04	10	0.27	138	<1	0.02	6	610	10	0.03	<2	2	16
ZZ35556		<10	<1	0.05	10	0.40	255	1	0.02	8	890	16	0.05	<2	2	22
ZZ35557		<10	<1	0.06	10	0.46	595	1	0.02	9	730	23	0.04	<2	3	23
ZZ35558		<10	<1	0.06	10	0.50	563	1	0.02	8	670	80	0.03	<2	3	23
ZZ35559		10	<1	0.07	10	0.43	225	2	0.02	8	700	66	0.04	2	4	23
ZZ35560		<10	<1	0.07	10	0.56	338	1	0.02	12	570	23	0.02	<2	5	24
ZZ35561		10	<1	0.09	10	0.61	513	1	0.03	9	620	26	0.04	<2	4	27
ZZ35562		<10	<1	0.08	10	0.54	346	<1	0.01	12	560	22	0.01	<2	4	20
ZZ35563		<10	<1	0.07	10	0.58	306	2	0.01	11	840	25	0.04	<2	4	20
ZZ35564		<10	<1	0.08	10	0.57	382	1	0.02	11	660	25	0.01	<2	5	20
ZZ35565		<10	<1	0.06	10	0.46	1060	<1	0.01	9	570	18	0.06	<2	4	20
ZZ35566		<10	<1	0.07	20	0.38	231	2	0.01	9	760	19	0.04	7	4	17
ZZ35567		<10	<1	0.03	10	0.08	1010	<1	0.03	3	740	4	0.03	<2	1	18
ZZ35568		<10	<1	0.06	10	0.51	573	<1	0.02	8	530	9	0.03	<2	4	16
ZZ35569		<10	<1	0.09	20	0.52	215	1	0.01	12	700	18	0.02	3	5	16
ZZ35570		<10	<1	0.08	10	0.48	379	<1	0.01	11	630	10	0.02	<2	3	18
ZZ35571		10	<1	0.06	10	0.46	222	<1	0.01	8	680	16	0.04	2	3	22

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35532		<20	0.02	<10	<10	56	<10	81
ZZ35533		30	<0.01	<10	<10	45	<10	94
ZZ35534		30	0.02	<10	<10	53	<10	141
ZZ35535		20	0.01	<10	<10	51	<10	90
ZZ35536		20	<0.01	<10	<10	33	<10	138
ZZ35537		<20	0.02	<10	<10	40	<10	78
ZZ35538		<20	0.01	<10	<10	32	<10	84
ZZ35539		<20	0.09	<10	<10	46	<10	55
ZZ35540		<20	0.09	<10	<10	45	<10	51
ZZ35541		<20	0.07	<10	<10	46	<10	50
ZZ35542		<20	0.07	<10	<10	37	<10	52
ZZ35543		<20	0.06	<10	<10	48	<10	55
ZZ35544		<20	0.06	<10	<10	55	<10	60
ZZ35545		<20	0.07	<10	<10	47	<10	62
ZZ35546		<20	0.07	<10	<10	49	<10	63
ZZ35547		<20	0.06	<10	<10	46	<10	87
ZZ35548		<20	0.06	<10	<10	60	<10	72
ZZ35549		<20	0.07	<10	<10	49	<10	44
ZZ35550		<20	0.04	<10	<10	32	<10	27
ZZ35551		<20	0.06	<10	<10	52	<10	58
ZZ35552		<20	0.08	<10	<10	58	<10	66
ZZ35553		20	0.02	<10	<10	44	<10	77
ZZ35554		<20	0.05	<10	<10	40	<10	25
ZZ35555		<20	0.05	<10	<10	35	<10	49
ZZ35556		<20	0.06	<10	<10	43	<10	62
ZZ35557		<20	0.06	<10	<10	62	<10	98
ZZ35558		<20	0.07	<10	<10	58	<10	115
ZZ35559		<20	0.03	<10	<10	73	<10	117
ZZ35560		<20	0.06	<10	<10	64	<10	69
ZZ35561		<20	0.05	<10	<10	73	<10	104
ZZ35562		<20	0.07	<10	<10	44	<10	67
ZZ35563		<20	0.05	<10	<10	60	<10	74
ZZ35564		<20	0.07	<10	<10	53	<10	72
ZZ35565		<20	0.04	<10	<10	41	<10	67
ZZ35566		<20	0.02	<10	<10	50	<10	69
ZZ35567		<20	0.07	<10	<10	57	<10	20
ZZ35568		<20	0.07	<10	<10	38	<10	49
ZZ35569		<20	0.06	<10	<10	59	<10	62
ZZ35570		<20	0.06	<10	<10	39	<10	60
ZZ35571		<20	0.06	<10	<10	35	<10	52

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35572		0.20	0.007	<0.2	1.36	7	<10	140	<0.5	<2	0.29	<0.5	6	20	16	1.49
ZZ35573		0.14	<0.005	0.3	1.62	11	<10	220	<0.5	2	0.28	<0.5	6	25	14	2.16
ZZ35574		0.20	0.005	0.5	1.34	30	<10	260	0.8	4	0.30	0.6	8	18	68	4.03
ZZ35575		0.13	<0.005	<0.2	0.23	<2	<10	30	<0.5	<2	0.14	<0.5	1	4	3	0.93
ZZ35576		0.14	<0.005	<0.2	1.23	16	<10	180	<0.5	<2	0.33	<0.5	5	16	31	2.82
ZZ35577		0.19	<0.005	0.2	1.27	20	<10	130	<0.5	2	0.27	<0.5	7	15	12	2.11
ZZ35578		0.21	<0.005	0.3	1.70	33	<10	240	0.6	2	0.36	<0.5	6	19	41	2.69
ZZ35579		0.16	<0.005	0.2	1.06	15	<10	240	<0.5	<2	0.50	0.5	5	15	35	1.54
ZZ35580		0.13	<0.005	0.6	1.51	38	<10	250	0.7	<2	0.34	0.8	6	18	30	2.21
ZZ35581		0.16	<0.005	0.3	1.60	36	<10	220	0.6	<2	0.33	<0.5	9	20	23	2.63
ZZ35582		0.14	<0.005	<0.2	0.45	2	<10	70	<0.5	<2	0.22	<0.5	1	4	19	0.49
ZZ35583		0.15	<0.005	<0.2	0.37	<2	<10	60	<0.5	<2	0.18	<0.5	1	4	12	0.48
ZZ35584		0.22	<0.005	0.3	1.55	28	<10	240	0.6	<2	0.36	<0.5	7	21	24	2.39
ZZ35585		0.18	<0.005	0.2	1.15	17	<10	150	<0.5	2	0.28	<0.5	5	14	13	1.69
ZZ35586		0.22	<0.005	0.4	1.24	20	<10	200	<0.5	2	0.32	0.7	7	16	18	2.04
ZZ35588		0.23	<0.005	<0.2	1.05	63	<10	310	<0.5	<2	0.37	0.7	10	13	12	3.67
ZZ35589		0.14	<0.005	0.3	1.65	13	<10	180	<0.5	4	0.46	<0.5	10	19	28	2.43
ZZ35590		0.17	<0.005	0.4	1.61	8	<10	180	<0.5	7	0.33	<0.5	7	19	31	2.31
ZZ35591		0.20	<0.005	0.2	1.80	12	<10	180	<0.5	2	0.27	<0.5	8	22	26	2.15
ZZ35592		0.26	<0.005	0.2	1.75	11	<10	210	<0.5	<2	0.28	<0.5	9	20	23	2.42
ZZ35593		0.10	<0.005	0.2	1.79	18	<10	210	<0.5	2	0.38	<0.5	14	17	21	4.70
ZZ35594		0.18	<0.005	<0.2	1.40	5	<10	130	<0.5	<2	0.29	<0.5	6	16	9	1.71
ZZ35595		0.18	0.005	<0.2	1.64	12	<10	170	<0.5	<2	0.30	<0.5	7	20	15	2.15
ZZ35596		0.20	<0.005	0.2	1.74	6	<10	170	<0.5	<2	0.26	<0.5	5	20	15	1.67
ZZ35597		0.25	<0.005	<0.2	1.82	10	<10	180	<0.5	<2	0.23	<0.5	6	21	15	2.24
ZZ35598		0.13	<0.005	0.2	1.21	6	<10	150	<0.5	<2	0.23	<0.5	4	14	10	1.66
ZZ35599		0.08	<0.005	0.4	1.94	21	<10	300	<0.5	<2	0.43	0.5	4	23	29	3.05
ZZ35600		0.17	<0.005	<0.2	1.68	4	<10	190	<0.5	<2	0.27	<0.5	7	20	13	1.67
ZZ35601		0.13	<0.005	<0.2	1.66	3	<10	210	<0.5	<2	0.28	<0.5	7	22	30	1.88
ZZ35602		0.10	<0.005	<0.2	0.36	<2	<10	30	<0.5	<2	0.13	<0.5	1	3	33	0.28
ZZ35603		0.25	0.011	0.3	1.48	30	<10	200	<0.5	3	0.43	<0.5	5	23	38	1.90
ZZ35604		0.22	<0.005	<0.2	1.64	11	<10	230	0.5	<2	0.39	<0.5	8	24	19	2.38
ZZ35605		0.22	0.005	<0.2	1.79	5	<10	210	<0.5	<2	0.38	<0.5	7	25	18	2.31
ZZ35606		0.21	0.011	0.2	1.90	9	<10	350	0.6	<2	0.45	<0.5	12	24	19	3.00
ZZ35607		0.18	0.006	<0.2	1.87	11	<10	180	<0.5	2	0.30	<0.5	8	25	13	2.77
ZZ35616		0.31	<0.005	<0.2	1.41	6	<10	120	<0.5	<2	0.26	<0.5	6	19	15	1.62
ZZ35617		0.33	<0.005	<0.2	1.81	10	<10	150	<0.5	<2	0.26	<0.5	8	21	15	1.96
ZZ35618		0.19	<0.005	0.3	2.31	13	<10	210	<0.5	<2	0.28	<0.5	8	24	22	2.37
ZZ35619		0.39	<0.005	<0.2	1.96	7	<10	180	<0.5	<2	0.28	<0.5	8	23	14	2.45
ZZ35620		0.20	<0.005	0.2	1.81	9	<10	140	0.5	<2	0.28	<0.5	12	22	18	2.73

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35572		<10	<1	0.08	10	0.46	194	<1	0.01	10	640	11	0.01	<2	3	18
ZZ35573		10	<1	0.05	10	0.46	188	<1	0.01	9	1140	24	0.08	2	3	27
ZZ35574		<10	<1	0.16	20	0.48	700	3	0.01	10	780	123	0.01	10	11	25
ZZ35575		<10	<1	0.01	<10	0.05	51	<1	0.03	2	370	<2	0.02	<2	<1	13
ZZ35576		<10	<1	0.05	10	0.35	164	1	0.02	8	730	40	0.05	2	3	29
ZZ35577		<10	<1	0.07	10	0.43	810	1	0.01	7	740	28	0.03	2	2	24
ZZ35578		10	<1	0.07	20	0.46	226	1	0.02	10	850	49	0.06	2	3	34
ZZ35579		<10	<1	0.07	10	0.26	276	1	0.03	9	590	48	0.05	3	2	50
ZZ35580		<10	<1	0.08	30	0.44	206	2	0.01	9	830	62	0.05	3	4	30
ZZ35581		<10	<1	0.08	20	0.50	392	2	0.01	9	610	73	0.02	4	4	28
ZZ35582		<10	<1	0.03	10	0.06	32	<1	0.04	2	330	5	0.04	<2	1	22
ZZ35583		<10	<1	0.03	<10	0.04	124	<1	0.04	3	420	5	0.03	<2	<1	17
ZZ35584		<10	<1	0.08	20	0.49	602	2	0.01	11	770	47	0.02	3	4	30
ZZ35585		<10	<1	0.07	10	0.37	341	1	0.02	7	580	24	0.03	2	2	25
ZZ35586		<10	<1	0.09	10	0.40	751	1	0.01	9	660	36	0.02	2	3	29
ZZ35588		<10	<1	0.06	20	0.40	551	3	0.01	7	920	28	0.02	2	3	31
ZZ35589		10	<1	0.06	10	0.61	609	3	0.03	10	700	29	0.07	<2	3	36
ZZ35590		<10	<1	0.07	10	0.60	325	1	0.02	9	970	23	0.07	<2	4	23
ZZ35591		10	<1	0.08	10	0.60	246	1	0.02	12	590	16	0.03	<2	4	19
ZZ35592		<10	<1	0.10	10	0.63	318	1	0.02	11	660	24	0.01	<2	5	19
ZZ35593		<10	<1	0.05	10	0.68	453	<1	0.03	6	990	22	0.04	<2	4	30
ZZ35594		<10	<1	0.06	10	0.49	206	<1	0.02	8	520	11	0.01	<2	3	21
ZZ35595		<10	<1	0.08	10	0.53	220	<1	0.02	10	610	36	0.02	<2	4	22
ZZ35596		<10	<1	0.08	10	0.53	212	<1	0.02	9	530	27	0.02	<2	4	20
ZZ35597		<10	<1	0.09	10	0.56	229	<1	0.02	10	450	34	0.02	<2	4	19
ZZ35598		<10	<1	0.05	10	0.29	187	<1	0.02	5	610	10	0.03	<2	2	20
ZZ35599		<10	<1	0.07	10	0.30	121	<1	0.02	8	1290	14	0.15	<2	3	40
ZZ35600		<10	<1	0.05	10	0.49	284	<1	0.02	10	620	25	0.02	<2	3	21
ZZ35601		<10	<1	0.05	10	0.42	216	<1	0.02	8	1100	19	0.05	<2	3	24
ZZ35602		<10	<1	0.02	<10	0.04	28	<1	0.04	1	460	<2	0.04	<2	<1	13
ZZ35603		<10	<1	0.08	20	0.52	229	1	0.02	9	550	63	0.01	<2	5	24
ZZ35604		<10	<1	0.08	20	0.52	274	<1	0.02	10	530	12	0.02	<2	5	23
ZZ35605		<10	<1	0.07	10	0.56	317	<1	0.02	12	560	8	0.01	<2	4	25
ZZ35606		10	<1	0.07	10	0.56	469	<1	0.02	11	900	13	0.03	<2	5	30
ZZ35607		10	<1	0.09	10	0.51	360	<1	0.01	12	370	12	0.01	<2	4	22
ZZ35616		<10	<1	0.05	10	0.42	210	<1	0.02	8	810	11	0.03	<2	2	20
ZZ35617		<10	<1	0.08	10	0.55	252	<1	0.02	10	620	12	0.02	<2	4	18
ZZ35618		10	<1	0.09	10	0.52	231	<1	0.02	11	840	19	0.04	<2	4	25
ZZ35619		10	<1	0.08	10	0.52	256	<1	0.02	10	650	16	0.02	<2	4	22
ZZ35620		<10	<1	0.05	10	0.42	655	2	0.02	9	860	14	0.05	<2	3	25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35572		<20	0.07	<10	<10	37	<10	51
ZZ35573		<20	0.05	<10	<10	56	<10	55
ZZ35574		<20	0.06	<10	10	77	<10	186
ZZ35575		<20	0.05	<10	<10	28	<10	11
ZZ35576		<20	0.03	<10	<10	47	<10	60
ZZ35577		<20	0.04	<10	<10	46	<10	86
ZZ35578		<20	0.05	<10	<10	66	<10	100
ZZ35579		<20	0.03	<10	<10	37	<10	70
ZZ35580		<20	0.03	<10	<10	48	<10	98
ZZ35581		<20	0.03	<10	<10	51	<10	104
ZZ35582		<20	0.02	<10	<10	13	<10	10
ZZ35583		<20	0.02	<10	<10	14	<10	9
ZZ35584		<20	0.04	<10	<10	48	<10	93
ZZ35585		<20	0.04	<10	<10	41	<10	84
ZZ35586		<20	0.04	<10	<10	42	<10	91
ZZ35588		<20	0.05	<10	<10	45	<10	92
ZZ35589		<20	0.07	<10	<10	63	<10	73
ZZ35590		<20	0.06	<10	<10	51	<10	66
ZZ35591		<20	0.07	<10	<10	54	<10	70
ZZ35592		<20	0.08	<10	<10	61	<10	78
ZZ35593		<20	0.08	<10	<10	76	<10	95
ZZ35594		<20	0.07	<10	<10	37	<10	52
ZZ35595		<20	0.07	<10	<10	61	<10	79
ZZ35596		<20	0.07	<10	<10	51	<10	88
ZZ35597		<20	0.08	<10	<10	57	<10	88
ZZ35598		<20	0.05	<10	<10	43	<10	51
ZZ35599		<20	0.04	<10	<10	57	<10	59
ZZ35600		<20	0.06	<10	<10	59	<10	71
ZZ35601		<20	0.06	<10	<10	53	<10	57
ZZ35602		<20	0.03	<10	<10	12	<10	7
ZZ35603		<20	0.08	<10	<10	49	<10	85
ZZ35604		<20	0.08	<10	<10	56	<10	51
ZZ35605		<20	0.08	<10	<10	52	<10	51
ZZ35606		<20	0.05	<10	<10	63	<10	55
ZZ35607		<20	0.08	<10	<10	60	<10	61
ZZ35616		<20	0.06	<10	<10	38	<10	50
ZZ35617		<20	0.07	<10	<10	48	<10	60
ZZ35618		<20	0.06	<10	<10	62	<10	77
ZZ35619		<20	0.07	<10	<10	50	<10	65
ZZ35620		<20	0.05	<10	<10	58	<10	59

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35621		0.53	0.037	<0.2	1.78	10	<10	130	<0.5	<2	0.28	<0.5	7	21	13	2.28
ZZ35622		0.14	<0.005	<0.2	1.38	5	<10	150	<0.5	<2	0.29	<0.5	5	19	18	1.54
ZZ35623		0.57	0.006	0.3	1.66	8	<10	190	0.5	<2	0.31	<0.5	6	27	29	2.01
ZZ35624		0.58	0.010	0.4	1.61	13	<10	100	<0.5	<2	0.27	<0.5	6	26	20	2.14
ZZ35625		0.40	<0.005	0.2	1.75	12	<10	120	0.5	<2	0.25	<0.5	6	26	18	2.20
ZZ35626		0.19	<0.005	0.2	1.97	14	<10	120	<0.5	2	0.23	<0.5	13	28	41	2.70
ZZ35627		0.60	<0.005	0.3	2.00	10	<10	140	0.5	2	0.24	<0.5	9	24	28	2.36
ZZ35628		0.44	<0.005	<0.2	1.76	8	<10	290	0.5	<2	0.38	<0.5	8	24	19	2.45
ZZ35629		0.34	<0.005	0.8	1.48	15	<10	470	0.5	3	0.69	<0.5	10	18	37	3.35
ZZ35630		0.38	0.094	0.2	1.46	11	<10	170	<0.5	<2	0.48	<0.5	9	16	22	2.98
ZZ35631		0.13	<0.005	<0.2	1.62	5	<10	170	<0.5	2	0.31	<0.5	5	22	19	1.36
ZZ35632		0.77	<0.005	<0.2	1.57	17	<10	200	<0.5	<2	0.35	<0.5	10	21	15	2.40
ZZ35633		0.56	<0.005	0.2	1.78	15	<10	150	<0.5	<2	0.27	<0.5	8	21	13	2.34
ZZ35634		0.65	0.010	0.2	1.79	6	<10	150	<0.5	2	0.24	<0.5	5	21	19	1.66
ZZ35635		0.29	<0.005	<0.2	1.81	8	<10	210	<0.5	2	0.30	<0.5	8	22	15	2.12
ZZ35636		0.48	<0.005	<0.2	1.42	7	<10	150	<0.5	2	0.25	<0.5	6	17	13	1.82
ZZ35637		0.23	0.009	<0.2	1.41	6	<10	150	<0.5	2	0.25	<0.5	5	18	13	1.81
ZZ35638		0.67	<0.005	<0.2	1.62	12	<10	170	<0.5	2	0.27	<0.5	8	21	16	2.17
ZZ35639		0.09	0.012	0.3	1.50	6	<10	290	<0.5	2	0.34	1.3	4	23	29	1.29
ZZ35640		0.25	<0.005	0.4	0.69	6	<10	80	<0.5	2	0.10	<0.5	1	8	23	0.62
ZZ35641		0.18	<0.005	0.5	0.81	8	<10	100	<0.5	2	0.15	<0.5	2	10	12	1.02
ZZ35642		0.29	<0.005	0.2	1.64	10	<10	130	<0.5	<2	0.24	<0.5	5	23	19	2.00
ZZ35643		0.56	<0.005	<0.2	1.46	8	<10	370	0.5	<2	0.35	<0.5	6	21	18	2.16
ZZ35644		1.20	<0.005	<0.2	1.75	10	<10	360	0.7	3	0.47	<0.5	7	24	19	2.70

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35621		<10	<1	0.05	10	0.47	249	1	0.02	10	730	11	0.03	<2	3	23
ZZ35622		<10	<1	0.06	10	0.38	149	<1	0.02	9	800	10	0.04	<2	3	23
ZZ35623		<10	<1	0.08	10	0.51	346	<1	0.02	14	540	15	0.01	<2	4	21
ZZ35624		<10	<1	0.09	10	0.48	335	<1	0.01	14	560	43	0.01	<2	3	17
ZZ35625		<10	<1	0.09	10	0.45	354	<1	0.01	12	550	36	0.02	<2	3	17
ZZ35626		10	<1	0.09	10	0.43	852	1	0.01	13	380	39	0.02	3	3	20
ZZ35627		<10	<1	0.07	10	0.37	351	<1	0.01	11	500	12	0.02	<2	3	20
ZZ35628		<10	<1	0.09	10	0.54	483	<1	0.01	13	590	10	<0.01	<2	5	29
ZZ35629		<10	<1	0.08	20	0.49	697	1	0.03	9	970	79	0.07	<2	6	53
ZZ35630		<10	<1	0.09	10	0.62	518	<1	0.04	8	630	29	0.03	<2	5	38
ZZ35631		10	<1	0.06	10	0.45	198	<1	0.02	7	720	13	0.08	<2	3	26
ZZ35632		<10	<1	0.10	10	0.57	446	<1	0.02	10	710	15	0.01	<2	5	23
ZZ35633		<10	<1	0.07	10	0.54	235	<1	0.02	9	640	14	0.02	<2	4	20
ZZ35634		10	<1	0.06	10	0.47	165	<1	0.02	8	700	16	0.04	<2	3	20
ZZ35635		<10	<1	0.08	10	0.57	231	<1	0.02	10	550	19	0.03	<2	4	25
ZZ35636		<10	<1	0.06	10	0.43	257	1	0.02	9	660	15	0.03	<2	3	19
ZZ35637		<10	<1	0.07	10	0.43	182	1	0.02	9	630	14	0.03	<2	3	20
ZZ35638		<10	<1	0.07	10	0.47	233	1	0.02	11	660	11	0.02	<2	3	23
ZZ35639		<10	<1	0.04	10	0.20	263	1	0.02	9	930	13	0.17	<2	3	36
ZZ35640		<10	<1	0.03	10	0.05	40	1	0.01	4	330	12	0.03	<2	<1	12
ZZ35641		<10	<1	0.05	10	0.14	114	1	0.04	5	430	6	0.02	2	1	14
ZZ35642		10	<1	0.07	10	0.44	205	1	0.02	12	410	11	0.02	2	3	19
ZZ35643		<10	<1	0.09	20	0.45	298	1	0.02	11	500	28	0.01	2	4	27
ZZ35644		<10	<1	0.11	20	0.56	410	1	0.02	14	540	8	0.01	<2	8	31

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35621		<20	0.06	<10	<10	51	<10	57
ZZ35622		<20	0.06	<10	<10	46	<10	53
ZZ35623		<20	0.08	<10	<10	46	<10	55
ZZ35624		<20	0.08	<10	<10	48	<10	67
ZZ35625		<20	0.08	<10	<10	50	<10	59
ZZ35626		<20	0.07	<10	<10	64	<10	61
ZZ35627		<20	0.07	<10	<10	53	<10	41
ZZ35628		<20	0.07	<10	<10	51	<10	53
ZZ35629		<20	0.06	<10	<10	69	<10	110
ZZ35630		<20	0.08	<10	<10	77	<10	82
ZZ35631		<20	0.05	<10	<10	36	<10	50
ZZ35632		<20	0.08	<10	<10	58	<10	61
ZZ35633		<20	0.07	<10	<10	55	<10	60
ZZ35634		<20	0.06	<10	<10	41	<10	62
ZZ35635		<20	0.08	<10	<10	58	<10	73
ZZ35636		<20	0.06	<10	<10	40	<10	61
ZZ35637		<20	0.06	<10	<10	40	<10	53
ZZ35638		<20	0.07	<10	<10	46	<10	51
ZZ35639		<20	0.04	<10	<10	61	<10	45
ZZ35640		<20	0.02	<10	<10	17	<10	14
ZZ35641		<20	0.03	<10	<10	26	<10	25
ZZ35642		<20	0.06	<10	<10	46	<10	46
ZZ35643		<20	0.07	<10	<10	46	<10	50
ZZ35644		<20	0.06	<10	<10	50	<10	66

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194254

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194255

Project: KLAZA

P.O. No.: Batch 4

This report is for 239 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35751		0.32	0.013	0.6	1.77	24	<10	360	0.5	2	0.49	<0.5	5	21	33	1.90
ZZ35752		0.29	0.007	0.6	1.26	10	<10	240	<0.5	<2	0.26	<0.5	6	16	19	1.77
ZZ35753		0.35	0.009	0.3	1.43	19	<10	230	<0.5	2	0.24	0.5	7	20	38	2.47
ZZ35754		0.29	<0.005	0.6	0.65	7	<10	150	<0.5	2	0.23	<0.5	4	9	14	1.83
ZZ35755		0.32	<0.005	0.3	1.26	16	<10	300	<0.5	2	0.27	0.5	5	21	25	1.91
ZZ35756		0.43	0.005	<0.2	1.35	36	<10	170	<0.5	<2	0.23	<0.5	9	21	26	2.53
ZZ35757		0.37	<0.005	0.4	1.32	43	<10	180	<0.5	2	0.24	<0.5	9	19	52	2.73
ZZ35758		0.40	0.048	2.8	1.82	46	<10	330	0.5	2	0.25	<0.5	4	19	67	2.24
ZZ35759		0.27	0.069	1.4	1.09	190	<10	190	<0.5	3	0.23	0.8	5	15	34	2.01
ZZ35760		0.28	0.005	0.8	0.73	14	<10	250	<0.5	<2	0.31	<0.5	3	8	14	1.51
ZZ35761		0.28	<0.005	0.6	1.82	33	<10	130	<0.5	<2	0.13	<0.5	10	23	18	2.94
ZZ35762		0.39	0.008	0.2	1.34	40	<10	180	<0.5	<2	0.28	<0.5	8	23	14	2.36
ZZ35799		0.28	0.006	0.4	1.25	21	<10	260	<0.5	<2	0.47	<0.5	5	14	16	1.79
ZZ35800		0.46	0.017	1.1	2.00	25	<10	370	0.6	2	0.45	0.5	7	22	29	1.91
ZZ35804		0.34	<0.005	0.2	1.75	22	<10	310	<0.5	2	0.40	<0.5	9	24	25	2.93
ZZ35805		0.58	0.020	0.4	1.83	21	<10	360	<0.5	2	0.35	0.9	13	21	44	3.32
ZZ35806		0.49	<0.005	0.2	1.92	10	<10	300	<0.5	2	0.33	<0.5	9	20	18	2.46
ZZ35810		0.66	0.019	0.6	1.26	35	<10	490	0.6	<2	0.30	<0.5	8	12	43	3.12
ZZ35811		0.33	0.012	0.2	1.11	36	<10	350	<0.5	3	0.37	<0.5	6	15	40	2.71
ZZ35812		0.44	0.007	0.7	1.02	49	<10	300	<0.5	2	0.42	0.9	7	15	22	1.86
ZZ35813		0.34	0.095	0.8	1.25	21	<10	350	<0.5	2	0.33	1.0	4	15	18	1.46
ZZ35814		0.35	0.018	0.6	1.00	15	<10	220	<0.5	<2	0.40	1.1	4	13	14	1.14
ZZ35815		0.12	0.006	0.4	0.78	15	<10	280	<0.5	<2	0.44	0.5	5	8	23	1.27
ZZ35816		0.50	0.018	0.2	1.09	31	<10	240	<0.5	2	0.34	<0.5	9	18	16	2.24
ZZ35817		0.31	<0.005	0.3	1.47	23	<10	300	0.5	<2	0.28	<0.5	7	22	27	2.10
ZZ35818		0.18	<0.005	0.2	1.12	9	<10	240	<0.5	<2	0.24	<0.5	4	18	21	1.62
ZZ35819		0.28	<0.005	0.2	1.30	13	<10	250	<0.5	2	0.33	<0.5	6	18	27	1.77
ZZ35820		0.18	0.011	0.4	1.30	48	<10	350	<0.5	2	0.34	<0.5	5	19	26	1.95
ZZ35821		0.51	<0.005	<0.2	1.42	9	<10	260	<0.5	<2	0.27	<0.5	8	20	25	2.32
ZZ35822		0.41	0.005	<0.2	1.57	7	<10	270	0.5	<2	0.26	<0.5	9	24	31	2.26
ZZ35823		0.32	<0.005	<0.2	1.52	14	<10	250	<0.5	<2	0.34	<0.5	8	20	28	2.79
ZZ35824		0.39	<0.005	<0.2	1.78	11	<10	300	0.5	<2	0.38	<0.5	11	26	28	2.87
ZZ35825		0.29	<0.005	0.2	1.97	27	<10	320	0.5	<2	0.40	<0.5	9	28	33	2.88
ZZ35826		0.42	<0.005	<0.2	1.70	13	<10	240	<0.5	<2	0.36	<0.5	11	22	24	2.71
ZZ35827		0.42	0.005	0.2	1.92	39	<10	270	<0.5	<2	0.34	0.6	15	21	20	3.74
ZZ35828		0.25	<0.005	<0.2	1.64	12	<10	210	<0.5	<2	0.31	<0.5	11	20	13	2.64
ZZ35829		0.53	0.020	0.7	1.64	61	<10	480	0.7	2	1.64	3.9	28	8	79	4.82
ZZ35830		0.36	0.016	0.7	1.62	27	<10	320	0.6	<2	0.59	1.0	15	18	113	4.05
ZZ35831		0.20	0.007	1.2	2.32	11	<10	590	0.5	<2	0.61	<0.5	5	25	29	2.57
ZZ35832		0.38	<0.005	0.2	1.79	17	<10	400	<0.5	<2	0.60	<0.5	6	25	23	2.68

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35751		<10	<1	0.09	20	0.53	242	1	0.02	10	760	22	0.06	<2	5	40
ZZ35752		<10	<1	0.06	10	0.36	571	3	0.02	7	850	18	0.05	2	3	22
ZZ35753		10	<1	0.09	10	0.46	552	5	0.02	10	480	54	0.01	3	4	19
ZZ35754		<10	<1	0.05	10	0.13	210	1	0.03	5	630	17	0.03	<2	2	18
ZZ35755		10	<1	0.09	10	0.28	313	2	0.02	9	750	18	0.05	2	2	29
ZZ35756		<10	<1	0.10	10	0.47	679	5	0.02	10	390	17	0.02	<2	4	23
ZZ35757		<10	<1	0.10	10	0.51	594	6	0.02	10	460	72	0.02	4	5	22
ZZ35758		<10	1	0.10	20	0.38	198	6	0.01	9	1040	63	0.08	3	6	27
ZZ35759		<10	<1	0.08	10	0.27	521	2	0.02	8	500	50	0.02	3	3	21
ZZ35760		<10	<1	0.06	10	0.15	290	2	0.03	4	670	16	0.04	2	2	27
ZZ35761		10	<1	0.10	10	0.33	820	2	0.01	10	500	43	0.02	2	4	12
ZZ35762		10	<1	0.09	10	0.45	493	2	0.02	11	470	45	0.01	2	3	22
ZZ35799		<10	<1	0.05	10	0.36	457	2	0.03	6	840	15	0.07	<2	2	37
ZZ35800		10	<1	0.09	20	0.47	308	2	0.02	11	710	28	0.05	3	6	43
ZZ35804		10	<1	0.15	10	0.70	462	2	0.04	14	600	29	0.01	4	7	31
ZZ35805		10	<1	0.17	10	0.75	766	2	0.04	13	630	97	0.02	5	8	26
ZZ35806		10	<1	0.09	10	0.73	312	1	0.04	9	660	44	0.04	<2	6	26
ZZ35810		<10	<1	0.12	30	0.27	458	4	0.02	5	770	39	0.02	7	4	23
ZZ35811		<10	<1	0.11	20	0.40	353	3	0.02	5	700	31	0.01	3	4	22
ZZ35812		<10	<1	0.07	10	0.33	717	2	0.02	8	590	44	0.03	2	4	35
ZZ35813		<10	<1	0.08	20	0.34	135	2	0.02	6	590	61	0.03	2	5	24
ZZ35814		<10	<1	0.06	10	0.30	171	1	0.02	5	570	37	0.03	2	3	28
ZZ35815		<10	<1	0.05	10	0.11	757	1	0.04	6	700	6	0.07	<2	2	41
ZZ35816		<10	<1	0.09	10	0.39	641	1	0.02	11	540	17	0.01	2	4	22
ZZ35817		<10	<1	0.08	10	0.42	278	2	0.02	12	420	20	0.02	<2	5	24
ZZ35818		<10	<1	0.06	10	0.31	107	1	0.02	7	370	12	0.03	2	3	25
ZZ35819		<10	<1	0.08	10	0.33	247	1	0.02	9	630	15	0.03	<2	3	33
ZZ35820		<10	<1	0.09	10	0.33	582	1	0.02	13	520	53	0.03	<2	4	30
ZZ35821		<10	<1	0.08	10	0.48	464	3	0.01	13	400	21	0.02	<2	4	23
ZZ35822		<10	<1	0.08	10	0.53	290	1	0.02	14	450	23	0.02	<2	5	23
ZZ35823		<10	<1	0.08	10	0.53	414	2	0.02	11	780	32	0.03	<2	4	32
ZZ35824		10	<1	0.12	10	0.67	510	1	0.02	16	590	18	0.02	<2	7	39
ZZ35825		10	<1	0.10	10	0.71	338	1	0.02	15	690	20	0.05	<2	6	41
ZZ35826		10	<1	0.09	10	0.66	326	1	0.03	13	640	26	0.01	<2	6	26
ZZ35827		10	<1	0.11	10	0.81	545	1	0.03	11	570	49	0.01	2	7	25
ZZ35828		10	<1	0.11	10	0.68	759	1	0.02	10	650	35	0.02	<2	5	21
ZZ35829		10	<1	0.19	20	0.92	4240	2	0.03	6	680	261	0.18	6	9	84
ZZ35830		10	<1	0.16	20	0.70	2280	2	0.04	11	740	54	0.03	3	9	56
ZZ35831		10	<1	0.10	10	0.44	273	1	0.02	11	1170	12	0.07	<2	4	42
ZZ35832		10	<1	0.11	10	0.48	399	1	0.02	11	560	12	0.03	<2	4	34

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35751		<20	0.06	<10	<10	44	<10	83
ZZ35752		<20	0.03	<10	<10	38	<10	76
ZZ35753		<20	0.05	<10	<10	50	<10	130
ZZ35754		<20	0.07	<10	<10	56	<10	59
ZZ35755		<20	0.05	<10	<10	46	<10	60
ZZ35756		<20	0.07	<10	<10	52	<10	77
ZZ35757		<20	0.08	<10	<10	56	<10	94
ZZ35758		<20	0.02	<10	10	42	<10	165
ZZ35759		<20	0.04	<10	<10	39	<10	155
ZZ35760		<20	0.03	<10	<10	34	<10	63
ZZ35761		<20	0.05	<10	<10	56	<10	90
ZZ35762		<20	0.08	<10	<10	51	<10	108
ZZ35799		<20	0.04	<10	<10	39	<10	72
ZZ35800		<20	0.03	<10	<10	56	<10	106
ZZ35804		<20	0.11	<10	<10	62	<10	89
ZZ35805		<20	0.09	<10	<10	67	<10	170
ZZ35806		<20	0.07	<10	<10	65	<10	125
ZZ35810		<20	0.04	<10	<10	48	<10	115
ZZ35811		<20	0.08	<10	<10	53	<10	99
ZZ35812		<20	0.04	<10	<10	35	<10	111
ZZ35813		<20	0.04	<10	<10	37	<10	127
ZZ35814		<20	0.04	<10	<10	28	<10	111
ZZ35815		<20	0.03	<10	<10	27	<10	38
ZZ35816		<20	0.05	<10	<10	41	<10	57
ZZ35817		<20	0.04	<10	<10	47	<10	65
ZZ35818		<20	0.04	<10	<10	38	<10	45
ZZ35819		<20	0.04	<10	<10	39	<10	43
ZZ35820		<20	0.03	<10	<10	39	<10	84
ZZ35821		<20	0.05	<10	<10	48	<10	75
ZZ35822		<20	0.06	<10	<10	54	<10	77
ZZ35823		<20	0.05	<10	<10	60	<10	73
ZZ35824		<20	0.09	<10	<10	63	<10	72
ZZ35825		<20	0.08	<10	<10	70	<10	89
ZZ35826		<20	0.10	<10	<10	66	<10	89
ZZ35827		<20	0.10	<10	<10	75	<10	158
ZZ35828		<20	0.08	<10	<10	59	<10	115
ZZ35829		<20	0.04	<10	<10	75	<10	506
ZZ35830		<20	0.05	<10	<10	71	<10	161
ZZ35831		<20	0.04	<10	<10	53	<10	84
ZZ35832		<20	0.06	<10	<10	61	<10	86

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35833		0.37	<0.005	0.2	2.10	19	<10	480	0.5	<2	0.39	<0.5	10	22	32	3.03
ZZ35834		0.45	0.014	0.4	1.77	24	<10	510	0.6	<2	0.49	<0.5	7	23	30	2.82
ZZ35835		0.38	0.021	0.4	1.53	15	<10	480	<0.5	<2	0.51	<0.5	7	17	29	2.18
ZZ35836		0.19	0.030	1.9	2.19	43	<10	590	0.7	2	0.48	0.5	5	15	39	3.22
ZZ35837		0.31	0.010	0.5	1.26	46	<10	260	<0.5	<2	0.38	1.0	8	18	23	2.61
ZZ35838		0.29	0.019	0.7	1.34	34	<10	310	0.5	<2	0.32	0.6	6	18	26	2.22
ZZ35839		0.34	0.018	0.8	1.70	70	<10	350	0.6	<2	0.38	1.4	7	23	33	2.68
ZZ35840		0.43	<0.005	0.7	1.40	19	<10	200	<0.5	2	0.31	0.6	7	19	24	2.01
ZZ35841		0.40	<0.005	0.3	1.90	22	<10	360	<0.5	<2	0.46	<0.5	8	23	47	2.96
ZZ35842		0.50	<0.005	0.2	1.79	24	<10	210	<0.5	2	0.34	<0.5	8	20	25	2.61
ZZ35843		0.58	0.007	<0.2	1.64	17	<10	210	<0.5	<2	0.31	<0.5	8	21	24	2.23
ZZ35844		0.33	0.009	0.3	1.95	17	<10	270	<0.5	<2	0.33	<0.5	8	24	21	2.24
ZZ35845		0.37	<0.005	<0.2	1.93	7	<10	210	<0.5	<2	0.34	<0.5	9	21	15	2.18
ZZ35846		0.35	<0.005	<0.2	2.14	8	<10	240	<0.5	<2	0.36	<0.5	8	24	15	2.48
ZZ35847		0.31	<0.005	0.2	1.85	10	<10	260	<0.5	<2	0.34	<0.5	9	22	14	2.21
ZZ35848		0.42	<0.005	0.2	2.00	25	<10	380	<0.5	<2	0.36	<0.5	13	25	20	2.88
ZZ35849		0.33	<0.005	0.2	1.90	11	<10	200	<0.5	<2	0.27	<0.5	7	22	12	2.03
ZZ35850		0.35	<0.005	0.2	1.58	26	<10	260	<0.5	<2	0.41	<0.5	11	17	13	4.11
ZZ35851		0.37	<0.005	0.4	1.59	43	<10	180	0.6	<2	0.41	<0.5	7	21	20	3.76
ZZ35852		0.43	0.005	1.1	1.24	62	<10	270	<0.5	10	0.32	<0.5	3	14	9	1.79
ZZ35853		0.40	0.016	1.2	1.67	114	<10	290	0.8	4	0.25	0.5	6	22	43	2.80
ZZ35854		0.31	0.014	1.3	1.47	64	<10	330	0.9	2	0.47	<0.5	8	21	54	2.67
ZZ35855		0.44	<0.005	0.5	1.13	69	<10	120	0.7	<2	0.30	<0.5	6	17	22	4.34
ZZ35856		0.31	<0.005	<0.2	1.28	6	<10	90	<0.5	<2	0.24	<0.5	4	21	16	1.20
ZZ35857		0.39	0.006	<0.2	1.49	7	<10	160	<0.5	<2	0.24	<0.5	5	25	22	1.45
ZZ35858		0.25	<0.005	<0.2	1.70	15	<10	290	0.5	<2	0.34	<0.5	8	22	22	2.14
ZZ35859		0.33	0.005	0.2	1.45	23	<10	210	0.6	3	0.29	<0.5	10	20	30	3.63
ZZ35860		0.24	0.007	1.7	2.56	11	<10	70	0.6	9	0.21	1.0	18	20	143	3.72
ZZ35861		0.35	0.031	0.4	1.03	689	<10	190	0.6	<2	0.41	<0.5	7	17	33	3.03
ZZ35862		0.29	<0.005	0.2	1.37	13	<10	210	<0.5	2	0.30	<0.5	4	15	18	1.30
ZZ35863		0.41	<0.005	<0.2	2.14	17	<10	230	<0.5	2	0.36	<0.5	8	17	12	2.46
ZZ35864		0.51	<0.005	0.3	1.55	22	<10	230	<0.5	3	0.26	<0.5	9	22	18	2.74
ZZ35865		0.49	0.017	0.2	1.58	18	<10	170	0.5	2	0.33	<0.5	8	23	15	2.32
ZZ35866		0.36	<0.005	0.3	2.38	5	<10	260	0.5	3	0.36	<0.5	8	26	21	1.85
ZZ35867		0.48	<0.005	<0.2	2.22	9	<10	260	<0.5	<2	0.41	<0.5	12	21	21	2.96
ZZ35868		0.59	<0.005	<0.2	2.25	11	<10	330	0.5	2	0.55	0.5	15	17	27	3.65
ZZ35869		0.32	<0.005	<0.2	2.41	10	<10	280	<0.5	2	0.46	<0.5	11	21	24	3.14
ZZ35870		0.27	<0.005	0.2	2.05	12	<10	190	<0.5	<2	0.38	<0.5	10	19	18	2.93
ZZ35871		0.36	<0.005	0.2	1.78	9	<10	250	0.5	2	0.34	<0.5	9	23	56	2.40
ZZ35872		0.48	0.007	0.4	1.87	101	<10	210	0.5	<2	0.32	0.7	10	24	38	2.62

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35833		10	<1	0.21	20	0.63	557	1	0.01	10	610	17	0.02	<2	7	25
ZZ35834		10	<1	0.09	20	0.44	480	2	0.01	10	920	21	0.04	<2	5	31
ZZ35835		<10	<1	0.11	20	0.43	346	1	0.01	6	920	36	0.04	<2	5	27
ZZ35836		10	<1	0.11	20	0.25	301	1	0.02	6	780	32	0.07	2	5	28
ZZ35837		<10	<1	0.09	20	0.45	683	7	0.02	9	720	93	0.02	<2	5	35
ZZ35838		<10	<1	0.09	20	0.42	289	4	0.01	8	460	46	0.02	2	5	28
ZZ35839		<10	<1	0.11	20	0.53	487	4	0.02	13	560	73	0.03	3	6	43
ZZ35840		<10	<1	0.08	10	0.52	266	3	0.02	10	550	277	0.02	3	4	25
ZZ35841		10	<1	0.14	10	0.70	670	10	0.02	13	630	45	0.02	2	7	43
ZZ35842		10	<1	0.11	10	0.65	432	6	0.02	10	470	37	0.02	<2	5	28
ZZ35843		<10	<1	0.10	10	0.60	247	4	0.03	11	500	55	0.01	<2	5	23
ZZ35844		10	<1	0.09	10	0.60	299	6	0.02	11	680	32	0.03	<2	5	28
ZZ35845		10	<1	0.08	10	0.72	447	4	0.03	11	570	13	0.03	<2	5	25
ZZ35846		10	<1	0.10	10	0.72	262	6	0.03	13	800	17	0.03	<2	5	26
ZZ35847		10	<1	0.09	10	0.61	308	9	0.03	11	580	19	0.02	<2	5	23
ZZ35848		10	<1	0.12	10	0.67	511	5	0.03	14	630	25	0.01	2	6	26
ZZ35849		10	<1	0.07	10	0.53	197	1	0.02	10	580	15	0.03	<2	4	19
ZZ35850		<10	<1	0.08	10	0.54	398	1	0.03	7	700	15	0.05	2	5	22
ZZ35851		<10	<1	0.09	10	0.44	447	1	0.02	9	630	21	0.03	3	5	20
ZZ35852		<10	<1	0.08	20	0.25	254	2	0.01	6	410	57	0.02	4	2	16
ZZ35853		<10	<1	0.10	20	0.35	741	4	0.01	12	690	57	0.03	8	2	18
ZZ35854		<10	<1	0.12	30	0.37	829	5	0.02	11	860	60	0.05	10	4	21
ZZ35855		<10	<1	0.11	20	0.35	280	2	0.01	6	630	97	0.02	5	6	16
ZZ35856		<10	<1	0.07	10	0.42	157	<1	0.01	12	580	24	0.03	<2	3	14
ZZ35857		<10	<1	0.08	10	0.47	219	<1	0.01	14	560	26	0.03	<2	3	16
ZZ35858		<10	<1	0.05	10	0.46	811	1	0.01	12	890	11	0.06	<2	2	24
ZZ35859		<10	<1	0.11	20	0.48	1250	2	0.01	12	560	32	0.04	4	5	20
ZZ35860		10	<1	0.10	10	0.72	1420	4	0.01	12	640	722	0.05	2	4	16
ZZ35861		<10	<1	0.09	20	0.39	1140	2	0.02	9	620	50	0.03	8	4	32
ZZ35862		<10	<1	0.08	10	0.44	222	1	0.01	7	500	22	0.04	<2	3	17
ZZ35863		10	<1	0.10	10	0.93	324	1	0.04	9	590	21	0.03	<2	5	22
ZZ35864		<10	<1	0.10	10	0.59	404	1	0.02	11	440	25	0.01	<2	5	19
ZZ35865		<10	<1	0.13	10	0.63	404	<1	0.02	13	610	84	0.02	<2	5	20
ZZ35866		10	<1	0.09	10	0.70	241	<1	0.03	12	680	26	0.07	<2	6	26
ZZ35867		10	<1	0.15	10	1.06	497	1	0.05	13	510	17	0.01	<2	7	28
ZZ35868		10	<1	0.19	10	1.06	855	2	0.08	11	700	28	0.01	<2	8	40
ZZ35869		10	<1	0.12	10	1.03	471	4	0.05	12	590	42	0.03	<2	7	36
ZZ35870		10	<1	0.08	10	0.86	320	9	0.04	10	660	73	0.03	2	6	29
ZZ35871		<10	<1	0.09	10	0.64	266	6	0.02	12	740	25	0.03	3	6	26
ZZ35872		10	<1	0.10	10	0.68	723	5	0.02	12	390	197	0.02	2	6	28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35833		<20	0.11	<10	<10	73	<10	80
ZZ35834		<20	0.05	<10	<10	57	<10	99
ZZ35835		<20	0.06	<10	<10	53	<10	109
ZZ35836		<20	0.02	<10	<10	52	<10	105
ZZ35837		<20	0.07	<10	<10	58	<10	115
ZZ35838		<20	0.05	<10	<10	47	<10	148
ZZ35839		<20	0.05	<10	<10	55	<10	186
ZZ35840		<20	0.07	<10	<10	49	<10	165
ZZ35841		<20	0.09	<10	<10	69	<10	156
ZZ35842		<20	0.07	<10	<10	59	<10	106
ZZ35843		<20	0.08	<10	<10	53	<10	120
ZZ35844		<20	0.07	<10	<10	66	<10	88
ZZ35845		<20	0.10	<10	<10	52	<10	80
ZZ35846		<20	0.08	<10	<10	58	<10	87
ZZ35847		<20	0.08	<10	<10	58	<10	70
ZZ35848		<20	0.08	<10	<10	64	<10	89
ZZ35849		<20	0.04	<10	<10	54	<10	65
ZZ35850		<20	0.04	<10	<10	59	<10	76
ZZ35851		<20	0.04	<10	<10	50	<10	69
ZZ35852		<20	0.01	<10	<10	26	<10	102
ZZ35853		<20	0.02	<10	<10	44	<10	178
ZZ35854		<20	0.04	<10	<10	41	<10	136
ZZ35855		<20	0.02	<10	<10	49	<10	118
ZZ35856		<20	0.06	<10	<10	30	<10	70
ZZ35857		<20	0.06	<10	<10	43	<10	85
ZZ35858		<20	0.03	<10	<10	44	<10	77
ZZ35859		<20	0.06	<10	<10	56	<10	92
ZZ35860		<20	0.06	<10	<10	60	<10	464
ZZ35861		<20	0.04	<10	<10	41	<10	91
ZZ35862		<20	0.03	<10	<10	31	<10	80
ZZ35863		<20	0.06	<10	<10	60	<10	116
ZZ35864		<20	0.08	<10	<10	52	<10	70
ZZ35865		<20	0.07	<10	<10	54	<10	127
ZZ35866		<20	0.04	<10	<10	56	<10	93
ZZ35867		<20	0.14	<10	<10	73	<10	128
ZZ35868		<20	0.13	<10	<10	83	<10	135
ZZ35869		<20	0.12	<10	<10	80	<10	143
ZZ35870		<20	0.10	<10	<10	73	<10	120
ZZ35871		<20	0.08	<10	<10	65	<10	77
ZZ35872		<20	0.07	<10	<10	63	<10	299

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35873		0.21	0.007	1.4	1.93	12	<10	300	<0.5	<2	0.35	0.7	6	23	39	1.71
ZZ35874		0.38	<0.005	<0.2	1.90	11	<10	290	<0.5	<2	0.35	0.6	9	29	33	2.53
ZZ35875		0.32	0.027	2.5	2.12	126	<10	430	0.7	<2	0.44	4.6	13	26	51	2.92
ZZ35876		0.60	0.018	1.0	0.80	246	<10	800	1.1	2	1.41	9.9	13	4	11	3.68
ZZ35877		0.57	0.008	0.3	1.31	23	<10	290	<0.5	2	0.36	0.5	6	20	15	1.81
ZZ35878		0.31	0.007	0.4	1.45	43	<10	270	<0.5	2	0.29	<0.5	5	19	12	2.44
ZZ35879		0.34	0.036	1.1	1.47	13	<10	420	<0.5	<2	0.41	3.0	4	16	33	1.12
ZZ35880		0.50	0.006	<0.2	1.20	23	<10	200	<0.5	<2	0.33	<0.5	7	17	17	2.43
ZZ35881		0.41	0.052	0.3	1.46	27	<10	280	<0.5	2	0.38	<0.5	6	16	21	2.66
ZZ35882		0.55	0.152	0.7	1.28	106	<10	390	0.5	2	0.40	<0.5	6	14	56	2.46
ZZ35900		0.28	0.020	1.1	1.99	85	<10	420	<0.5	2	0.41	0.6	11	21	24	3.32
ZZ35901		0.27	0.008	0.2	1.44	15	<10	160	<0.5	<2	0.22	<0.5	6	19	14	2.04
ZZ35902		0.27	0.017	1.1	2.47	297	<10	190	0.7	<2	0.20	1.1	11	26	26	3.76
ZZ35903		0.26	0.198	2.0	1.12	106	<10	480	<0.5	3	0.52	1.2	7	15	32	2.63
ZZ35904		0.35	0.043	0.9	1.11	14	<10	220	<0.5	<2	0.39	<0.5	7	17	14	2.30
ZZ35905		0.18	0.006	0.3	1.79	28	<10	200	0.5	<2	0.30	<0.5	8	25	21	2.56
ZZ35906		0.22	<0.005	0.4	2.09	17	<10	280	0.5	2	0.39	<0.5	8	23	30	2.67
ZZ35907		0.31	<0.005	0.3	1.65	41	<10	340	0.8	2	0.54	1.8	13	15	62	4.34
ZZ35908		0.36	0.007	<0.2	1.51	24	<10	210	0.5	3	0.36	<0.5	9	16	26	2.97
ZZ35909		0.28	<0.005	0.2	2.07	7	<10	230	<0.5	<2	0.37	<0.5	10	21	20	2.57
ZZ35910		0.37	<0.005	<0.2	1.74	9	<10	210	<0.5	<2	0.27	<0.5	10	23	17	2.12
ZZ35911		0.25	<0.005	<0.2	1.59	7	<10	160	<0.5	2	0.35	<0.5	8	22	15	1.97
ZZ35912		0.30	<0.005	<0.2	1.98	14	<10	170	<0.5	2	0.29	<0.5	9	24	16	2.86
ZZ35913		0.30	<0.005	<0.2	1.67	10	<10	130	<0.5	<2	0.31	<0.5	8	20	14	1.94
ZZ35914		0.23	<0.005	0.2	2.26	8	<10	240	<0.5	<2	0.58	<0.5	12	18	18	3.17
ZZ35915		0.32	0.013	0.9	1.47	65	<10	310	0.7	4	0.61	0.9	12	20	42	3.70
ZZ35916		0.26	0.006	1.0	1.48	21	<10	360	0.6	3	0.71	<0.5	11	28	46	3.47
ZZ35917		0.23	0.005	0.8	1.39	15	<10	220	0.7	2	0.35	0.5	12	24	24	2.99
ZZ35918		0.21	<0.005	0.5	2.31	25	<10	560	1.3	2	0.27	<0.5	4	18	22	2.49
ZZ35919		0.38	0.012	0.4	0.69	37	<10	190	<0.5	2	0.27	<0.5	2	11	8	1.18
ZZ35920		0.41	0.015	0.7	1.65	34	<10	180	0.7	3	0.25	<0.5	6	21	23	1.90
ZZ35921		0.24	<0.005	0.2	1.92	15	<10	160	0.5	2	0.67	<0.5	10	18	23	3.05
ZZ35922		0.23	<0.005	0.2	1.55	14	<10	120	0.5	2	0.25	<0.5	9	23	24	2.71
ZZ35923		0.58	0.006	0.5	1.47	115	<10	210	0.7	3	0.68	<0.5	12	24	30	3.10
ZZ35924		0.49	<0.005	0.3	1.84	28	<10	280	0.7	3	0.34	<0.5	13	19	50	3.11
ZZ35925		0.33	<0.005	<0.2	1.39	32	<10	180	<0.5	3	0.25	<0.5	5	19	22	1.75
ZZ35951		0.30	0.009	0.4	2.14	5	<10	260	<0.5	2	0.56	<0.5	12	14	27	3.34
ZZ35952		0.18	0.006	0.3	1.80	18	<10	310	<0.5	<2	0.37	<0.5	8	21	23	4.13
ZZ35953		0.28	<0.005	0.3	1.20	12	<10	190	<0.5	<2	0.38	<0.5	10	18	14	2.19
ZZ35954		0.25	0.005	0.2	1.39	20	<10	200	<0.5	<2	0.33	<0.5	7	17	13	2.68

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35873		10	<1	0.10	20	0.57	287	1	0.02	14	520	239	0.03	2	7	31
ZZ35874		10	<1	0.11	10	0.65	362	4	0.02	19	680	47	0.03	<2	5	38
ZZ35875		10	<1	0.13	20	0.50	722	5	0.01	15	780	471	0.04	<2	8	49
ZZ35876		<10	<1	0.12	20	0.31	2290	4	0.01	4	610	34	0.06	5	8	36
ZZ35877		<10	<1	0.08	10	0.44	248	1	0.01	11	420	40	0.02	<2	4	33
ZZ35878		<10	<1	0.07	10	0.42	201	3	0.01	7	630	103	0.03	<2	4	27
ZZ35879		<10	<1	0.06	20	0.35	189	1	0.02	8	640	64	0.08	<2	5	30
ZZ35880		<10	<1	0.11	10	0.47	390	1	0.01	9	550	37	0.01	2	3	19
ZZ35881		<10	<1	0.13	20	0.52	274	1	0.01	7	780	44	0.01	<2	4	20
ZZ35882		<10	<1	0.11	20	0.38	423	1	0.01	7	620	32	0.03	3	5	25
ZZ35900		10	<1	0.09	10	0.42	1120	1	0.01	9	790	114	0.04	<2	4	29
ZZ35901		10	<1	0.06	20	0.32	366	1	0.01	8	560	19	0.02	<2	2	18
ZZ35902		10	<1	0.12	20	0.48	942	2	0.01	12	640	216	0.02	<2	6	15
ZZ35903		<10	<1	0.07	20	0.27	1015	5	0.01	8	860	164	0.06	3	4	43
ZZ35904		<10	<1	0.06	10	0.35	348	1	0.02	7	720	19	0.03	<2	3	30
ZZ35905		10	<1	0.08	10	0.58	244	3	0.02	11	680	40	0.04	<2	6	43
ZZ35906		10	<1	0.09	20	0.57	365	5	0.01	10	870	35	0.04	<2	7	60
ZZ35907		10	<1	0.24	20	0.74	1020	15	0.01	7	990	79	0.01	4	11	46
ZZ35908		<10	<1	0.11	20	0.58	844	2	0.02	9	590	48	0.01	2	5	33
ZZ35909		10	<1	0.09	10	0.70	402	1	0.02	13	800	16	0.04	<2	4	33
ZZ35910		<10	<1	0.11	10	0.64	320	1	0.02	14	390	17	0.02	<2	4	22
ZZ35911		<10	<1	0.11	10	0.61	395	<1	0.02	11	560	23	0.02	<2	4	23
ZZ35912		10	<1	0.09	10	0.68	288	1	0.02	13	680	35	0.03	<2	4	21
ZZ35913		<10	<1	0.09	10	0.61	228	1	0.02	11	680	17	0.02	<2	4	20
ZZ35914		10	<1	0.08	10	1.06	327	1	0.08	10	610	15	0.04	<2	7	40
ZZ35915		<10	<1	0.18	20	0.67	1345	2	0.02	10	640	155	0.05	4	8	30
ZZ35916		<10	1	0.12	20	0.62	990	1	0.02	13	690	70	0.07	2	8	34
ZZ35917		<10	<1	0.11	10	0.43	1555	1	0.01	12	470	68	0.03	4	6	20
ZZ35918		<10	<1	0.12	40	0.22	883	1	0.01	9	860	38	0.06	<2	3	22
ZZ35919		<10	<1	0.09	20	0.20	326	4	0.01	4	370	24	0.03	4	1	15
ZZ35920		<10	<1	0.11	20	0.44	347	1	0.01	10	520	48	0.03	5	3	17
ZZ35921		10	<1	0.13	10	0.72	839	1	0.04	10	770	16	0.06	2	4	40
ZZ35922		<10	<1	0.10	20	0.51	453	2	0.01	13	380	19	0.03	<2	4	20
ZZ35923		<10	<1	0.15	20	0.56	761	2	0.02	12	540	30	0.05	3	8	31
ZZ35924		<10	<1	0.15	20	0.66	692	3	0.01	9	620	27	0.05	6	6	19
ZZ35925		<10	<1	0.10	10	0.42	237	3	0.01	7	510	15	0.06	3	3	14
ZZ35951		10	<1	0.18	10	0.95	1380	1	0.05	6	660	45	0.01	<2	7	56
ZZ35952		10	<1	0.08	10	0.45	789	2	0.02	9	870	24	0.06	<2	5	35
ZZ35953		<10	<1	0.09	10	0.48	1065	2	0.03	8	600	83	0.03	<2	3	27
ZZ35954		<10	<1	0.07	10	0.42	674	2	0.02	7	630	22	0.04	<2	3	19

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35873		<20	0.06	<10	<10	51	<10	159
ZZ35874		<20	0.08	<10	<10	57	<10	110
ZZ35875		<20	0.04	<10	<10	55	<10	855
ZZ35876		20	<0.01	<10	<10	29	<10	993
ZZ35877		<20	0.05	<10	<10	42	<10	122
ZZ35878		<20	0.03	<10	<10	62	<10	129
ZZ35879		<20	0.04	<10	<10	32	<10	169
ZZ35880		<20	0.10	<10	<10	54	<10	83
ZZ35881		<20	0.10	<10	<10	59	<10	111
ZZ35882		<20	0.06	<10	<10	50	<10	86
ZZ35900		<20	0.07	<10	<10	66	<10	156
ZZ35901		<20	0.05	<10	<10	48	<10	78
ZZ35902		<20	0.07	<10	<10	68	<10	286
ZZ35903		<20	0.04	<10	<10	61	<10	156
ZZ35904		<20	0.06	<10	<10	63	10	89
ZZ35905		<20	0.05	<10	<10	59	<10	109
ZZ35906		<20	0.04	<10	<10	63	<10	96
ZZ35907		20	0.09	<10	<10	84	<10	336
ZZ35908		<20	0.07	<10	<10	55	<10	121
ZZ35909		<20	0.07	<10	<10	59	<10	84
ZZ35910		<20	0.09	<10	<10	51	<10	66
ZZ35911		<20	0.09	<10	<10	47	<10	69
ZZ35912		<20	0.07	<10	<10	60	<10	87
ZZ35913		<20	0.07	<10	<10	48	<10	64
ZZ35914		<20	0.10	<10	<10	79	<10	86
ZZ35915		<20	0.06	<10	<10	64	<10	164
ZZ35916		<20	0.06	<10	<10	63	<10	149
ZZ35917		<20	0.03	<10	<10	55	<10	201
ZZ35918		<20	0.01	<10	<10	26	<10	74
ZZ35919		<20	0.02	<10	<10	16	<10	70
ZZ35920		<20	0.03	<10	<10	36	<10	109
ZZ35921		<20	0.06	<10	<10	66	<10	63
ZZ35922		<20	0.06	<10	<10	52	<10	57
ZZ35923		<20	0.04	<10	<10	58	<10	78
ZZ35924		<20	0.03	<10	<10	57	<10	64
ZZ35925		<20	0.03	<10	<10	39	<10	40
ZZ35951		<20	0.09	<10	<10	84	<10	121
ZZ35952		<20	0.04	<10	<10	57	<10	79
ZZ35953		<20	0.07	<10	<10	48	<10	87
ZZ35954		<20	0.05	<10	<10	44	<10	68

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35955		0.34	0.006	0.2	1.95	25	<10	210	<0.5	<2	0.36	<0.5	6	21	16	2.41
ZZ35956		0.27	<0.005	0.2	1.06	32	<10	190	<0.5	2	0.27	<0.5	5	12	18	1.86
ZZ35957		0.38	<0.005	0.4	1.50	23	<10	230	<0.5	<2	0.35	<0.5	7	21	21	1.94
ZZ35958		0.45	0.006	1.0	1.82	52	<10	230	0.6	2	0.40	0.5	9	30	30	3.02
ZZ35959		0.35	0.007	0.3	1.66	43	<10	450	0.5	3	0.50	<0.5	10	29	29	3.18
ZZ35960		0.22	0.020	0.5	1.72	82	<10	350	0.6	2	0.65	<0.5	10	23	53	2.84
ZZ35961		0.23	0.006	0.8	1.36	52	<10	270	0.6	3	0.70	<0.5	5	19	53	1.93
ZZ35962		0.44	0.007	<0.2	1.56	16	<10	200	<0.5	2	0.43	<0.5	6	22	13	2.26
ZZ35963		0.46	0.007	0.2	1.66	55	<10	240	0.6	3	0.38	<0.5	8	23	43	4.50
ZZ35964		0.30	<0.005	<0.2	1.53	27	<10	220	<0.5	2	0.50	<0.5	13	18	20	2.65
ZZ35965		0.26	0.005	0.2	1.46	61	<10	220	0.6	2	0.26	<0.5	9	21	38	2.62
ZZ35966		0.27	0.015	0.6	1.04	87	<10	320	1.0	4	0.36	0.5	9	23	82	3.48
ZZ35967		0.27	<0.005	<0.2	1.19	29	<10	120	<0.5	<2	0.11	<0.5	6	23	28	2.64
ZZ35968		0.39	0.005	0.5	0.68	63	<10	200	<0.5	6	0.15	<0.5	5	14	85	2.40
ZZ35969		0.30	0.009	0.5	1.44	47	<10	190	<0.5	2	0.12	<0.5	8	26	39	2.55
ZZ35970		0.50	0.024	0.7	0.86	453	<10	190	<0.5	<2	0.17	<0.5	5	16	32	2.36
ZZ35971		0.24	0.005	0.3	1.70	30	<10	100	0.5	<2	0.11	<0.5	6	24	28	2.34
ZZ35972		0.23	<0.005	<0.2	1.55	13	<10	70	<0.5	<2	0.12	<0.5	7	21	18	2.29
ZZ35973		0.38	<0.005	0.2	2.23	35	<10	290	0.7	<2	0.76	<0.5	12	34	24	2.89
ZZ50801		0.36	0.073	3.4	1.36	47	<10	380	0.6	4	0.37	2.6	8	22	235	3.29
ZZ50802		0.34	0.022	0.4	0.78	17	<10	260	0.6	<2	0.32	0.6	5	13	35	2.42
ZZ50803		0.29	0.053	0.3	1.13	16	<10	280	0.5	2	0.32	0.6	7	16	26	2.39
ZZ50804		0.16	0.084	1.3	1.62	60	<10	610	0.9	4	0.41	1.3	8	23	99	3.57
ZZ50805		0.26	0.065	1.0	1.71	95	<10	260	0.7	3	0.13	0.7	11	18	37	2.89
ZZ50806		0.27	0.058	1.5	1.94	44	<10	380	0.8	2	0.25	2.4	4	19	59	2.23
ZZ50807		0.22	0.024	0.4	1.59	23	<10	600	0.5	2	0.29	0.7	8	23	37	2.51
ZZ50808		0.31	0.045	0.5	0.92	42	<10	250	<0.5	<2	0.28	2.6	9	16	29	2.17
ZZ50809		0.25	0.015	0.3	1.22	13	<10	210	<0.5	<2	0.27	<0.5	4	18	14	1.83
ZZ50810		0.49	0.028	0.7	0.87	58	<10	370	0.8	3	0.35	2.5	9	11	52	4.38
ZZ50811		0.38	0.064	0.6	1.38	19	<10	340	<0.5	<2	0.37	0.8	8	20	38	2.59
ZZ50812		0.33	0.129	1.2	1.29	133	<10	270	<0.5	3	0.37	1.6	7	21	40	2.35
ZZ50813		0.27	0.042	0.4	1.43	37	<10	380	0.5	2	0.38	0.9	8	19	57	3.24
ZZ50814		0.28	0.058	0.5	1.42	23	<10	260	<0.5	2	0.29	<0.5	7	20	24	2.49
ZZ50815		0.27	0.021	1.3	1.97	25	<10	320	0.5	2	0.23	<0.5	8	25	24	3.36
ZZ50816		0.16	0.012	<0.2	1.70	7	<10	180	<0.5	<2	0.27	<0.5	6	21	13	1.69
ZZ50817		0.47	0.027	<0.2	1.58	8	<10	190	<0.5	<2	0.31	<0.5	7	22	17	2.09
ZZ50818		0.37	0.010	0.2	1.86	14	<10	240	<0.5	<2	0.33	<0.5	11	24	18	2.75
ZZ50819		0.27	0.048	<0.2	1.37	10	<10	120	<0.5	3	0.30	<0.5	7	19	13	2.22
ZZ50820		0.23	0.015	<0.2	1.66	13	<10	150	<0.5	<2	0.32	<0.5	9	19	18	2.60
ZZ50821		0.28	0.012	<0.2	2.09	19	<10	160	0.5	2	0.27	<0.5	9	23	24	3.71

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35955		10	<1	0.07	10	0.65	287	2	0.02	10	630	19	0.03	<2	4	21
ZZ35956		<10	<1	0.04	10	0.20	397	2	0.03	6	680	11	0.08	<2	2	17
ZZ35957		<10	<1	0.08	10	0.51	745	2	0.02	11	730	32	0.05	3	3	20
ZZ35958		10	<1	0.11	10	0.61	830	4	0.02	16	720	61	0.04	3	4	26
ZZ35959		<10	<1	0.15	10	0.68	1000	6	0.03	14	400	24	0.04	4	5	33
ZZ35960		<10	<1	0.11	10	0.42	807	3	0.02	13	640	28	0.05	4	3	29
ZZ35961		<10	<1	0.08	20	0.28	521	2	0.01	10	1090	53	0.10	3	2	36
ZZ35962		<10	<1	0.09	10	0.62	457	2	0.02	9	640	12	0.04	<2	3	24
ZZ35963		<10	<1	0.11	20	0.56	510	8	0.02	10	720	19	0.07	5	6	22
ZZ35964		10	<1	0.14	10	0.65	1145	3	0.02	9	600	19	0.05	3	4	26
ZZ35965		<10	<1	0.11	10	0.56	534	4	0.02	12	380	20	0.03	7	5	18
ZZ35966		<10	<1	0.10	20	0.24	1475	25	0.01	13	740	32	0.08	17	5	22
ZZ35967		10	<1	0.07	10	0.31	523	7	0.01	13	380	17	0.04	4	2	12
ZZ35968		<10	<1	0.14	20	0.20	443	8	0.01	8	530	55	0.21	30	2	16
ZZ35969		<10	<1	0.08	20	0.37	736	4	0.01	17	620	31	0.07	17	2	13
ZZ35970		<10	<1	0.08	20	0.22	398	1	0.01	8	580	27	0.06	20	2	15
ZZ35971		<10	<1	0.07	10	0.34	221	1	0.01	13	430	12	0.03	<2	2	12
ZZ35972		<10	<1	0.09	10	0.44	319	<1	0.01	12	320	13	0.02	<2	3	10
ZZ35973		10	<1	0.19	20	0.90	491	<1	0.01	14	580	23	0.03	3	5	31
ZZ50801		<10	<1	0.12	20	0.40	736	6	0.02	10	600	130	0.02	5	7	26
ZZ50802		<10	<1	0.11	20	0.24	337	<1	0.01	6	710	42	<0.01	<2	6	19
ZZ50803		<10	<1	0.11	20	0.36	452	1	0.01	7	690	33	0.01	<2	6	23
ZZ50804		<10	<1	0.15	20	0.32	1035	<1	0.01	10	690	139	0.04	<2	6	24
ZZ50805		<10	<1	0.11	10	0.24	600	1	0.01	11	400	109	0.03	<2	3	14
ZZ50806		10	<1	0.11	10	0.22	224	<1	0.01	9	530	137	0.04	<2	3	21
ZZ50807		<10	<1	0.10	20	0.40	523	1	0.01	11	590	43	0.02	<2	4	22
ZZ50808		<10	<1	0.09	20	0.32	675	1	0.01	8	630	114	0.01	<2	4	16
ZZ50809		<10	<1	0.07	10	0.34	198	<1	0.01	9	540	31	0.02	<2	3	16
ZZ50810		<10	<1	0.12	30	0.26	1320	1	0.01	4	870	120	<0.01	3	7	22
ZZ50811		<10	<1	0.10	20	0.40	520	1	0.02	9	720	41	0.01	<2	5	25
ZZ50812		<10	<1	0.08	20	0.45	187	<1	0.01	9	800	135	0.01	2	4	25
ZZ50813		<10	<1	0.11	20	0.44	382	<1	0.01	9	900	57	0.02	2	6	24
ZZ50814		<10	<1	0.06	20	0.41	287	1	0.01	8	750	35	0.01	<2	4	17
ZZ50815		<10	<1	0.07	10	0.43	263	2	0.01	9	560	36	0.02	<2	5	18
ZZ50816		<10	<1	0.06	10	0.49	208	<1	0.02	8	670	16	0.02	<2	4	18
ZZ50817		<10	<1	0.08	10	0.52	203	<1	0.02	11	650	12	0.01	<2	5	19
ZZ50818		<10	<1	0.08	10	0.56	296	<1	0.02	10	750	14	0.01	<2	6	22
ZZ50819		<10	<1	0.07	10	0.50	176	<1	0.02	7	640	14	0.01	<2	4	18
ZZ50820		<10	<1	0.07	10	0.56	231	<1	0.02	9	730	19	0.02	<2	5	18
ZZ50821		10	<1	0.06	10	0.66	185	<1	0.02	9	570	18	0.04	<2	7	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35955		<20	0.06	<10	<10	57	<10	63
ZZ35956		<20	0.03	<10	<10	41	<10	32
ZZ35957		<20	0.06	<10	<10	45	<10	84
ZZ35958		<20	0.08	<10	<10	64	<10	185
ZZ35959		<20	0.08	<10	<10	61	<10	98
ZZ35960		<20	0.04	<10	<10	49	<10	107
ZZ35961		<20	0.03	<10	<10	35	<10	98
ZZ35962		<20	0.05	<10	<10	48	<10	65
ZZ35963		<20	0.05	<10	<10	59	<10	67
ZZ35964		<20	0.06	<10	<10	60	<10	61
ZZ35965		<20	0.05	<10	<10	48	<10	73
ZZ35966		<20	0.02	<10	10	58	<10	107
ZZ35967		<20	0.08	<10	<10	59	<10	65
ZZ35968		<20	0.03	<10	<10	30	<10	60
ZZ35969		<20	0.05	<10	<10	48	<10	72
ZZ35970		<20	0.03	<10	<10	38	<10	74
ZZ35971		<20	0.06	<10	<10	51	<10	42
ZZ35972		<20	0.07	<10	<10	53	<10	51
ZZ35973		<20	0.03	<10	<10	60	<10	54
ZZ50801		<20	0.05	<10	<10	46	<10	245
ZZ50802		<20	0.03	<10	<10	36	<10	105
ZZ50803		<20	0.05	<10	<10	39	<10	85
ZZ50804		<20	0.02	<10	<10	43	<10	235
ZZ50805		<20	0.01	<10	<10	36	<10	200
ZZ50806		<20	0.01	<10	<10	42	<10	218
ZZ50807		<20	0.03	<10	<10	50	<10	126
ZZ50808		<20	0.04	<10	<10	35	<10	206
ZZ50809		<20	0.04	<10	<10	39	<10	59
ZZ50810		20	0.02	<10	<10	43	<10	335
ZZ50811		<20	0.07	<10	<10	47	<10	106
ZZ50812		<20	0.08	<10	<10	47	<10	202
ZZ50813		<20	0.07	<10	<10	57	<10	121
ZZ50814		<20	0.05	<10	<10	47	<10	77
ZZ50815		<20	0.03	<10	<10	61	<10	70
ZZ50816		<20	0.05	<10	<10	51	<10	49
ZZ50817		<20	0.08	<10	<10	52	<10	52
ZZ50818		<20	0.07	<10	<10	64	<10	52
ZZ50819		<20	0.07	<10	<10	55	<10	47
ZZ50820		<20	0.07	<10	<10	61	<10	56
ZZ50821		<20	0.07	<10	<10	77	<10	51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50822		0.36	0.031	0.4	1.95	24	<10	190	0.5	2	0.43	<0.5	12	18	22	3.98
ZZ50823		0.27	0.110	1.2	1.09	78	<10	220	0.6	5	0.51	0.5	13	12	36	5.16
ZZ50824		0.24	0.022	0.6	1.74	26	<10	200	0.7	2	0.83	<0.5	18	14	22	4.87
ZZ50825		0.27	0.496	0.4	0.84	54	<10	100	0.8	3	0.33	<0.5	18	9	16	5.53
ZZ50826		0.22	0.082	0.7	1.78	688	<10	60	0.9	5	0.04	<0.5	19	19	35	7.30
ZZ50827		0.18	0.014	0.7	1.50	119	<10	40	0.5	3	0.06	<0.5	13	17	26	4.16
ZZ50828		0.25	0.009	0.2	1.66	49	<10	100	0.6	3	0.21	<0.5	15	19	30	3.99
ZZ50829		0.28	0.014	0.2	1.17	42	<10	140	0.7	3	0.33	<0.5	17	15	34	4.55
ZZ50830		0.27	0.026	0.2	1.12	34	<10	120	0.5	2	0.35	<0.5	14	13	27	4.30
ZZ50831		0.32	0.010	0.3	1.09	250	<10	190	0.6	3	0.35	<0.5	14	13	23	3.87
ZZ50832		0.36	<0.005	0.3	1.59	50	<10	150	<0.5	<2	0.38	<0.5	7	23	17	2.58
ZZ50833		0.16	<0.005	<0.2	1.88	32	<10	90	<0.5	<2	0.18	<0.5	8	22	17	2.92
ZZ50834		0.13	<0.005	0.3	1.36	21	<10	120	<0.5	<2	0.28	<0.5	5	11	16	1.61
ZZ50835		0.22	<0.005	0.4	2.06	31	<10	270	0.5	<2	0.57	<0.5	8	21	26	2.72
ZZ50836		0.24	<0.005	0.4	2.00	28	<10	260	<0.5	<2	0.44	<0.5	7	21	25	3.34
ZZ50837		0.22	<0.005	<0.2	1.61	12	<10	180	<0.5	<2	0.37	<0.5	6	18	17	1.98
ZZ50838		0.17	<0.005	0.6	2.45	17	<10	370	<0.5	<2	0.66	<0.5	7	25	29	2.75
ZZ50839		0.20	<0.005	0.3	2.19	10	<10	320	<0.5	<2	0.44	<0.5	5	25	27	1.96
ZZ50840		0.17	<0.005	0.3	1.68	18	<10	190	<0.5	<2	0.41	<0.5	5	18	20	2.45
ZZ50841		0.17	<0.005	<0.2	1.32	5	<10	150	<0.5	2	0.41	<0.5	8	18	12	2.54
ZZ50842		0.21	<0.005	<0.2	1.08	7	<10	130	<0.5	<2	0.38	<0.5	6	15	11	1.80
ZZ50843		0.31	0.007	<0.2	1.90	7	<10	260	<0.5	2	0.38	<0.5	8	24	18	2.08
ZZ50844		0.18	0.011	0.3	1.43	9	<10	180	<0.5	<2	0.45	<0.5	5	18	17	1.58
ZZ50845		0.17	<0.005	<0.2	1.17	8	<10	140	<0.5	<2	0.37	<0.5	5	16	10	1.54
ZZ50846		0.27	0.082	1.4	1.48	289	<10	340	0.5	2	0.30	2.1	5	19	27	3.52
ZZ50847		0.32	0.023	0.4	1.20	35	<10	240	<0.5	<2	0.27	<0.5	3	16	18	1.75
ZZ50848		0.24	0.010	<0.2	1.01	2	<10	200	<0.5	<2	0.29	<0.5	4	17	10	1.12
ZZ50849		0.40	0.009	0.3	1.43	14	<10	260	<0.5	<2	0.26	<0.5	7	20	13	1.64
ZZ50850		0.36	0.025	<0.2	1.21	7	<10	140	<0.5	<2	0.29	<0.5	6	18	14	1.66
ZZ50851		0.26	0.011	0.2	1.43	14	<10	270	<0.5	<2	0.30	<0.5	6	23	19	2.33
ZZ50852		0.37	0.015	0.5	1.80	21	<10	220	<0.5	<2	0.21	<0.5	9	23	15	2.64
ZZ50853		0.20	0.306	6.7	2.34	46	<10	590	0.7	4	0.36	2.2	5	20	82	3.17
ZZ50854		0.30	NSS	0.2	1.12	10	<10	190	<0.5	<2	0.23	<0.5	7	15	15	2.17
ZZ50855		0.25	0.009	0.2	1.90	18	<10	210	<0.5	<2	0.24	<0.5	7	27	17	2.29
ZZ50856		0.17	0.019	0.6	1.58	10	<10	250	<0.5	<2	0.19	<0.5	3	18	14	1.28
ZZ50857		0.31	0.021	0.4	1.33	32	<10	190	0.5	<2	0.29	<0.5	9	23	16	2.56
ZZ50858		0.28	0.032	0.3	1.43	17	<10	130	<0.5	<2	0.22	<0.5	5	22	13	1.81
ZZ50859		0.31	0.019	0.2	1.25	33	<10	90	<0.5	<2	0.25	<0.5	9	23	18	2.96
ZZ50860		0.25	0.053	0.2	1.36	43	<10	120	0.5	<2	0.30	<0.5	9	26	20	3.25
ZZ50861		0.20	0.035	1.8	1.66	37	<10	260	0.9	2	0.25	1.1	16	25	43	3.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50822		<10	<1	0.15	10	0.93	569	1	0.03	6	580	30	0.05	2	8	32
ZZ50823		<10	<1	0.13	20	0.47	815	2	0.02	5	700	82	0.16	2	9	53
ZZ50824		<10	<1	0.11	20	0.64	806	2	0.02	7	850	45	0.09	<2	8	178
ZZ50825		<10	<1	0.08	20	0.13	1325	5	0.01	6	690	91	0.15	2	7	23
ZZ50826		<10	<1	0.09	20	0.29	1835	1	0.01	11	680	155	0.10	4	11	8
ZZ50827		<10	<1	0.06	10	0.27	724	2	0.01	8	790	31	0.12	<2	2	9
ZZ50828		<10	<1	0.08	10	0.48	563	1	0.02	12	520	20	0.05	<2	6	16
ZZ50829		<10	<1	0.09	20	0.42	862	2	0.03	10	410	31	0.10	<2	8	28
ZZ50830		<10	<1	0.09	10	0.40	602	6	0.03	7	470	21	0.11	3	6	27
ZZ50831		<10	<1	0.10	10	0.39	1060	2	0.02	7	650	36	0.05	5	6	22
ZZ50832		<10	<1	0.07	10	0.48	344	<1	0.02	11	370	12	0.01	<2	4	22
ZZ50833		10	<1	0.09	10	0.51	277	1	0.01	15	420	17	0.02	<2	4	17
ZZ50834		<10	<1	0.05	10	0.26	279	<1	0.03	6	670	8	0.04	<2	2	23
ZZ50835		<10	<1	0.08	10	0.55	338	<1	0.03	10	870	13	0.07	<2	4	41
ZZ50836		<10	<1	0.07	10	0.53	221	<1	0.02	10	750	13	0.06	<2	4	38
ZZ50837		<10	<1	0.07	10	0.50	224	<1	0.03	10	370	9	0.02	<2	4	31
ZZ50838		10	<1	0.09	10	0.58	306	<1	0.03	13	930	12	0.07	<2	4	59
ZZ50839		10	<1	0.10	10	0.57	192	<1	0.02	12	470	17	0.03	<2	4	38
ZZ50840		<10	<1	0.07	10	0.38	332	<1	0.03	8	670	9	0.05	<2	3	39
ZZ50841		<10	<1	0.05	10	0.48	331	<1	0.02	6	560	7	0.01	<2	4	40
ZZ50842		<10	<1	0.08	10	0.38	235	<1	0.02	5	360	5	0.02	<2	3	40
ZZ50843		<10	<1	0.09	10	0.59	204	<1	0.02	11	700	8	0.02	<2	5	30
ZZ50844		<10	<1	0.06	10	0.37	137	<1	0.02	8	750	19	0.06	<2	3	41
ZZ50845		<10	<1	0.05	10	0.32	212	<1	0.01	7	690	13	0.02	<2	3	26
ZZ50846		<10	<1	0.08	10	0.33	184	<1	0.01	6	630	145	0.02	2	4	20
ZZ50847		<10	<1	0.06	10	0.30	120	<1	0.01	6	670	91	0.01	<2	4	15
ZZ50848		<10	<1	0.04	10	0.33	186	<1	0.01	7	550	24	<0.01	<2	3	16
ZZ50849		<10	<1	0.06	10	0.34	306	<1	0.01	8	670	47	0.01	<2	3	16
ZZ50850		<10	<1	0.07	10	0.37	175	<1	0.01	8	660	22	<0.01	<2	3	16
ZZ50851		<10	<1	0.07	20	0.44	229	<1	0.01	10	610	20	<0.01	<2	5	20
ZZ50852		<10	<1	0.04	10	0.42	255	6	0.01	7	830	35	0.02	<2	3	15
ZZ50853		10	<1	0.12	30	0.51	261	48	0.01	6	620	158	0.14	4	9	28
ZZ50854		<10	<1	0.08	10	0.36	427	14	0.01	6	400	12	0.01	<2	3	19
ZZ50855		10	<1	0.08	10	0.48	195	<1	0.01	11	670	25	0.04	<2	4	17
ZZ50856		<10	<1	0.07	10	0.25	117	<1	0.01	7	370	33	0.05	<2	3	14
ZZ50857		<10	<1	0.10	20	0.47	681	1	0.01	11	630	34	0.02	<2	4	19
ZZ50858		<10	<1	0.08	20	0.45	148	<1	0.01	10	340	19	0.02	<2	5	14
ZZ50859		<10	<1	0.08	10	0.50	338	1	0.01	7	560	20	0.01	2	4	15
ZZ50860		<10	<1	0.09	10	0.48	643	1	0.01	11	620	32	0.01	<2	5	19
ZZ50861		<10	<1	0.08	20	0.36	4830	3	0.01	13	960	132	0.08	2	7	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50822		<20	0.09	<10	<10	91	<10	88
ZZ50823		<20	0.04	<10	<10	67	<10	156
ZZ50824		<20	0.04	<10	<10	74	<10	79
ZZ50825		<20	0.01	<10	<10	56	<10	170
ZZ50826		<20	0.01	<10	<10	74	<10	210
ZZ50827		<20	0.03	<10	<10	70	<10	67
ZZ50828		<20	0.05	<10	<10	59	<10	45
ZZ50829		<20	0.03	<10	<10	56	<10	64
ZZ50830		<20	0.04	<10	<10	60	<10	55
ZZ50831		<20	0.04	<10	<10	55	<10	107
ZZ50832		<20	0.06	<10	<10	60	<10	51
ZZ50833		<20	0.09	<10	<10	70	<10	60
ZZ50834		<20	0.05	<10	<10	40	<10	34
ZZ50835		<20	0.05	<10	<10	63	<10	56
ZZ50836		<20	0.05	<10	<10	61	<10	57
ZZ50837		<20	0.06	<10	<10	48	<10	44
ZZ50838		<20	0.06	<10	<10	66	<10	67
ZZ50839		<20	0.06	<10	<10	57	<10	63
ZZ50840		<20	0.05	<10	<10	50	<10	52
ZZ50841		<20	0.08	<10	<10	87	<10	45
ZZ50842		<20	0.08	<10	<10	58	<10	43
ZZ50843		<20	0.08	<10	<10	56	<10	49
ZZ50844		<20	0.04	<10	<10	42	<10	70
ZZ50845		<20	0.04	<10	<10	33	<10	57
ZZ50846		<20	0.03	<10	<10	54	<10	244
ZZ50847		<20	0.03	<10	<10	39	<10	109
ZZ50848		<20	0.06	<10	<10	33	<10	56
ZZ50849		<20	0.03	<10	<10	42	<10	81
ZZ50850		<20	0.07	<10	<10	37	<10	59
ZZ50851		<20	0.08	<10	<10	49	<10	58
ZZ50852		<20	0.05	<10	<10	62	<10	93
ZZ50853		<20	0.01	<10	<10	66	<10	124
ZZ50854		<20	0.05	<10	<10	51	10	57
ZZ50855		<20	0.04	<10	<10	53	<10	70
ZZ50856		<20	0.02	<10	<10	22	<10	67
ZZ50857		<20	0.05	<10	<10	47	<10	164
ZZ50858		<20	0.04	<10	<10	42	<10	52
ZZ50859		<20	0.04	<10	<10	51	<10	60
ZZ50860		<20	0.05	<10	<10	54	<10	89
ZZ50861		<20	0.03	<10	<10	54	<10	120

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50862		0.21	0.012	1.0	1.82	34	<10	190	0.6	2	0.23	0.8	11	23	32	3.70
ZZ50863		0.47	0.007	0.3	2.03	38	<10	280	0.7	3	0.27	<0.5	15	36	48	4.13
ZZ50864		0.28	<0.005	0.2	2.61	35	<10	310	1.0	5	0.26	<0.5	18	35	29	5.56
ZZ50865		0.27	0.014	0.4	1.67	48	<10	600	0.7	5	0.19	<0.5	14	18	30	4.67
ZZ50866		0.25	<0.005	0.2	1.62	22	<10	150	0.5	<2	0.15	<0.5	8	22	17	2.60
ZZ50867		0.24	0.019	0.5	0.93	51	<10	100	0.5	2	0.35	<0.5	7	15	11	2.48
ZZ50868		0.21	0.022	0.7	1.88	42	<10	260	0.8	<2	0.40	<0.5	9	24	24	2.95
ZZ50869		0.27	0.020	0.5	1.39	34	<10	200	0.5	6	0.35	<0.5	6	21	20	2.36
ZZ50870		0.30	0.016	0.6	2.24	25	<10	260	0.5	4	0.45	<0.5	9	19	20	2.78
ZZ50871		0.28	<0.005	<0.2	1.82	20	<10	260	<0.5	4	0.49	<0.5	11	17	17	3.06
ZZ50872		0.24	<0.005	0.2	1.73	13	<10	280	<0.5	4	0.46	<0.5	7	21	18	2.33
ZZ50873		0.13	<0.005	0.2	1.59	10	<10	290	<0.5	4	0.39	<0.5	6	14	17	1.93
ZZ50874		0.24	0.011	0.2	1.58	14	<10	170	<0.5	3	0.22	<0.5	6	20	18	2.15
ZZ50875		0.15	<0.005	0.5	1.28	8	<10	140	<0.5	3	0.22	<0.5	7	18	19	1.78
ZZ50876		0.30	<0.005	0.2	1.40	18	<10	180	<0.5	4	0.25	<0.5	7	19	23	2.03
ZZ50877		0.28	<0.005	<0.2	1.11	16	<10	130	<0.5	4	0.27	<0.5	4	18	16	1.66
ZZ50878		0.26	<0.005	0.2	1.30	10	<10	170	<0.5	4	0.17	<0.5	3	16	13	1.38
ZZ50879		0.21	<0.005	<0.2	1.51	8	<10	160	<0.5	3	0.29	<0.5	7	21	15	1.77
ZZ50880		0.30	<0.005	<0.2	1.25	16	<10	240	<0.5	4	0.28	<0.5	4	18	11	1.54
ZZ50881		0.24	<0.005	0.2	1.48	9	<10	120	<0.5	4	0.18	<0.5	6	22	14	2.09
ZZ50882		0.18	<0.005	0.4	1.84	18	<10	220	<0.5	4	0.23	<0.5	5	21	16	2.36
ZZ50883		0.24	<0.005	0.4	1.17	11	<10	190	<0.5	4	0.14	<0.5	6	15	18	1.88
ZZ50884		0.22	<0.005	0.2	1.22	12	<10	240	<0.5	3	0.23	<0.5	6	18	20	1.89
ZZ50885		0.29	0.008	0.6	1.85	16	<10	220	<0.5	4	0.22	<0.5	5	25	28	2.10
ZZ50886		0.32	0.010	0.5	1.78	35	<10	370	0.5	4	0.28	<0.5	7	21	31	2.17
ZZ50887		0.22	0.005	0.3	1.67	21	<10	270	<0.5	4	0.27	<0.5	7	19	15	2.01
ZZ50888		0.22	<0.005	0.4	2.28	50	<10	430	0.6	5	0.30	0.6	10	19	34	2.84
ZZ50889		0.25	0.005	0.4	2.21	34	<10	290	0.6	11	0.55	<0.5	10	18	39	3.27
ZZ50890		0.22	<0.005	0.5	2.48	26	<10	210	0.5	5	0.39	<0.5	9	21	26	3.14
ZZ50891		0.21	0.006	0.8	2.17	33	<10	150	0.7	13	0.13	<0.5	15	13	55	4.55
ZZ50892		0.18	0.016	0.9	2.43	36	<10	160	0.8	13	0.14	<0.5	17	15	61	5.11
ZZ50893		0.35	0.264	8.4	0.91	241	<10	270	0.9	6	0.28	2.3	11	11	56	4.08
ZZ50894		0.23	0.013	0.2	1.92	33	<10	110	0.6	6	0.13	<0.5	9	23	15	2.99
ZZ50895		0.35	0.007	<0.2	1.05	10	<10	170	0.5	5	0.33	<0.5	4	17	10	1.96
ZZ50896		0.34	0.006	0.2	1.07	10	<10	180	<0.5	4	0.31	<0.5	5	17	10	1.95
ZZ50897		0.20	<0.005	0.2	1.12	13	<10	130	<0.5	5	0.30	<0.5	6	18	21	2.42
ZZ50898		0.28	0.006	0.2	1.36	18	<10	130	<0.5	5	0.30	<0.5	5	21	17	2.23
ZZ50899		0.26	<0.005	<0.2	1.45	7	<10	130	<0.5	5	0.26	<0.5	5	18	9	1.76
ZZ50900		0.27	0.015	0.5	1.40	10	<10	140	<0.5	5	0.25	<0.5	5	20	12	1.57

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50862		<10	<1	0.10	20	0.47	685	1	0.01	10	580	62	0.03	2	7	18
ZZ50863		<10	<1	0.11	30	0.79	767	<1	0.01	14	330	36	0.01	5	8	22
ZZ50864		10	<1	0.23	20	0.99	957	<1	0.01	12	390	54	0.03	3	10	17
ZZ50865		<10	<1	0.10	20	0.45	762	3	0.01	9	460	89	0.04	<2	8	24
ZZ50866		<10	<1	0.08	10	0.38	349	1	0.01	12	530	25	0.03	<2	3	13
ZZ50867		<10	<1	0.09	20	0.28	466	4	0.01	6	730	30	0.03	<2	3	29
ZZ50868		<10	<1	0.11	20	0.40	579	4	0.01	12	1140	28	0.06	<2	3	31
ZZ50869		<10	<1	0.08	10	0.37	418	3	0.01	9	580	26	0.03	2	3	25
ZZ50870		10	<1	0.11	10	0.57	495	3	0.03	8	530	24	0.03	<2	4	35
ZZ50871		10	<1	0.11	10	0.74	572	2	0.05	8	500	25	<0.01	<2	5	45
ZZ50872		10	<1	0.11	10	0.56	337	1	0.03	10	530	11	0.01	<2	4	33
ZZ50873		10	<1	0.05	10	0.40	404	1	0.03	6	820	13	0.06	<2	2	36
ZZ50874		<10	<1	0.11	10	0.41	381	1	0.01	10	470	17	0.01	<2	3	18
ZZ50875		10	<1	0.09	10	0.38	364	1	0.02	6	480	12	0.01	<2	2	18
ZZ50876		<10	<1	0.09	10	0.49	653	1	0.02	8	440	22	0.01	2	3	19
ZZ50877		<10	<1	0.08	10	0.40	262	1	0.02	7	550	23	<0.01	3	3	18
ZZ50878		10	<1	0.07	10	0.27	130	1	0.01	6	380	17	<0.01	2	2	14
ZZ50879		<10	<1	0.08	10	0.41	244	1	0.02	10	470	17	<0.01	<2	3	20
ZZ50880		<10	<1	0.07	10	0.34	298	<1	0.01	7	610	14	0.01	<2	3	18
ZZ50881		10	<1	0.06	10	0.37	293	1	0.02	7	360	13	0.01	<2	3	17
ZZ50882		10	<1	0.07	10	0.37	374	1	0.01	10	400	19	0.01	<2	3	20
ZZ50883		10	<1	0.06	10	0.22	349	1	0.02	5	480	13	0.02	<2	1	14
ZZ50884		10	<1	0.07	10	0.35	365	1	0.02	7	330	13	0.01	2	3	17
ZZ50885		10	<1	0.10	10	0.48	217	1	0.02	10	310	26	0.01	<2	4	18
ZZ50886		10	<1	0.06	20	0.38	424	1	0.01	8	460	35	0.01	2	3	25
ZZ50887		<10	<1	0.09	10	0.52	393	1	0.02	9	420	25	0.01	<2	4	24
ZZ50888		10	<1	0.09	10	0.65	753	1	0.03	10	610	50	0.03	3	5	28
ZZ50889		10	<1	0.10	10	0.68	561	2	0.05	8	480	29	0.03	<2	6	41
ZZ50890		10	<1	0.11	10	0.65	411	1	0.04	10	460	16	0.03	<2	4	33
ZZ50891		10	<1	0.09	10	0.49	702	10	0.02	7	1010	49	0.07	2	4	14
ZZ50892		10	<1	0.10	20	0.55	787	11	0.02	7	1130	54	0.08	2	4	15
ZZ50893		<10	<1	0.12	30	0.14	763	13	0.01	5	730	148	0.07	30	6	23
ZZ50894		<10	<1	0.09	20	0.41	593	3	0.01	14	490	28	0.05	2	3	14
ZZ50895		<10	<1	0.08	20	0.34	188	4	0.02	7	630	18	0.01	<2	3	18
ZZ50896		<10	<1	0.08	20	0.33	243	4	0.01	7	630	18	0.01	<2	3	18
ZZ50897		<10	<1	0.06	10	0.28	276	7	0.02	8	1060	24	0.07	<2	2	24
ZZ50898		<10	<1	0.08	10	0.38	157	1	0.01	9	750	16	0.02	<2	4	17
ZZ50899		<10	<1	0.07	10	0.45	143	2	0.02	6	480	25	0.01	<2	4	16
ZZ50900		<10	<1	0.07	10	0.37	177	1	0.01	6	470	40	0.03	<2	4	16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50862		<20	0.04	<10	<10	57	<10	212
ZZ50863		<20	0.06	<10	<10	74	<10	103
ZZ50864		<20	0.05	<10	<10	78	<10	125
ZZ50865		<20	0.03	<10	<10	59	<10	76
ZZ50866		<20	0.05	<10	<10	45	<10	51
ZZ50867		<20	0.04	<10	<10	31	<10	69
ZZ50868		<20	0.03	<10	<10	46	<10	76
ZZ50869		<20	0.04	<10	<10	40	<10	52
ZZ50870		<20	0.06	<10	<10	57	<10	65
ZZ50871		<20	0.10	<10	<10	64	<10	67
ZZ50872		<20	0.08	<10	<10	54	<10	48
ZZ50873		<20	0.05	<10	<10	44	<10	66
ZZ50874		<20	0.07	<10	<10	45	<10	54
ZZ50875		<20	0.07	<10	<10	48	<10	49
ZZ50876		<20	0.07	<10	<10	48	<10	77
ZZ50877		<20	0.06	<10	<10	37	<10	82
ZZ50878		<20	0.03	<10	<10	33	<10	50
ZZ50879		<20	0.06	<10	<10	40	<10	51
ZZ50880		<20	0.04	<10	<10	33	<10	54
ZZ50881		<20	0.08	<10	<10	56	<10	46
ZZ50882		<20	0.04	<10	<10	51	<10	68
ZZ50883		<20	0.05	<10	<10	47	<10	54
ZZ50884		<20	0.07	<10	<10	43	<10	56
ZZ50885		<20	0.08	<10	<10	51	<10	61
ZZ50886		<20	0.03	<10	<10	46	<10	57
ZZ50887		<20	0.06	<10	<10	43	<10	79
ZZ50888		<20	0.06	<10	<10	57	<10	159
ZZ50889		<20	0.06	<10	<10	65	<10	79
ZZ50890		<20	0.09	<10	<10	77	<10	57
ZZ50891		<20	0.02	<10	<10	61	<10	61
ZZ50892		<20	0.03	<10	<10	67	<10	68
ZZ50893		<20	0.01	<10	<10	28	<10	517
ZZ50894		<20	0.05	<10	<10	45	<10	70
ZZ50895		<20	0.06	<10	<10	34	<10	42
ZZ50896		<20	0.06	<10	<10	34	<10	43
ZZ50897		<20	0.04	<10	<10	49	<10	58
ZZ50898		<20	0.06	<10	<10	44	<10	44
ZZ50899		<20	0.06	<10	<10	44	<10	51
ZZ50900		<20	0.03	<10	<10	38	<10	52

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194255

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194256

Project: KLAZA

P.O. No.: Batch 4

This report is for 39 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

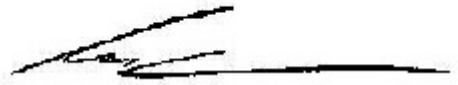
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194256

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51561		0.26	<0.005	0.2	1.30	12	<10	180	<0.5	5	0.53	<0.5	8	18	26	2.16
ZZ51562		0.30	<0.005	0.5	0.73	6	<10	100	<0.5	4	0.50	<0.5	7	9	17	1.74
ZZ51563		0.33	0.005	0.2	1.02	16	<10	160	<0.5	3	0.63	<0.5	5	12	17	1.43
ZZ51564		0.39	<0.005	<0.2	0.56	3	<10	70	<0.5	4	0.30	<0.5	4	7	10	1.16
ZZ51565		0.30	<0.005	<0.2	1.49	18	<10	210	<0.5	3	0.52	<0.5	11	20	17	3.58
ZZ51566		0.39	<0.005	0.2	0.90	10	<10	190	<0.5	4	0.83	<0.5	6	11	23	1.64
ZZ51567		0.35	0.033	0.4	1.50	27	<10	160	<0.5	4	0.90	0.9	11	18	27	3.42
ZZ51568		0.36	<0.005	<0.2	1.14	9	<10	190	<0.5	3	0.67	<0.5	8	15	14	2.31
ZZ51569		0.35	<0.005	0.3	1.24	13	<10	190	<0.5	3	0.95	<0.5	7	16	26	2.31
ZZ51570		0.38	<0.005	0.2	0.93	9	<10	160	<0.5	4	1.31	<0.5	7	12	24	2.21
ZZ51601		0.20	0.006	0.2	0.42	<2	<10	140	<0.5	4	0.21	<0.5	2	5	11	0.97
ZZ51602		0.24	0.029	0.5	1.02	9	<10	150	0.5	4	0.22	<0.5	6	9	37	1.76
ZZ51603		0.35	0.061	0.2	1.09	12	<10	160	<0.5	4	0.35	<0.5	10	16	23	2.69
ZZ51604		0.30	0.026	0.6	1.76	13	<10	410	0.6	5	0.36	<0.5	5	21	53	2.57
ZZ51605		0.32	0.072	0.7	1.68	33	<10	510	<0.5	5	0.47	0.7	7	20	52	2.67
ZZ51606		0.36	0.008	0.3	0.67	6	<10	180	<0.5	2	0.21	<0.5	4	9	21	1.65
ZZ51607		0.35	0.010	0.5	0.43	4	<10	140	<0.5	4	0.24	<0.5	4	6	9	1.99
ZZ51608		0.35	0.074	1.5	1.24	45	<10	370	<0.5	4	0.17	1.0	5	13	40	2.11
ZZ51609		0.30	0.012	0.4	0.65	7	<10	170	<0.5	4	0.14	<0.5	3	8	19	1.16
ZZ51610		0.28	0.042	1.1	0.63	17	<10	190	<0.5	6	0.13	0.8	4	8	68	2.08
ZZ51611		0.27	0.037	1.6	1.11	23	<10	300	<0.5	6	0.25	1.3	3	10	58	1.95
ZZ51612		0.34	0.023	1.1	2.13	22	<10	540	0.7	6	0.30	0.7	6	19	50	2.76
ZZ51613		0.38	0.074	5.1	1.64	54	<10	650	0.6	16	0.30	1.8	6	15	119	3.84
ZZ51614		0.30	0.049	1.1	1.32	18	<10	260	<0.5	6	0.18	1.2	5	17	36	2.08
ZZ51615		0.15	0.015	0.5	1.47	16	<10	190	<0.5	5	0.25	0.9	5	15	19	2.31
ZZ51616		0.28	0.006	0.4	1.23	19	<10	230	<0.5	5	0.31	<0.5	5	15	11	3.51
ZZ51617		0.41	0.007	<0.2	1.39	12	<10	210	<0.5	4	0.25	<0.5	6	19	11	1.83
ZZ51618		0.44	0.015	0.3	1.18	22	<10	190	<0.5	4	0.24	<0.5	6	17	11	1.96
ZZ51619		0.38	0.017	0.7	1.61	52	<10	440	0.6	4	0.34	<0.5	6	18	29	2.24
ZZ51620		0.24	0.007	<0.2	1.58	93	<10	360	0.5	4	0.22	<0.5	7	18	26	2.47
ZZ51621		0.39	0.018	0.3	1.18	49	<10	330	<0.5	5	0.41	<0.5	7	19	36	2.41
ZZ51622		0.32	0.021	0.2	1.60	134	<10	270	0.6	8	0.41	<0.5	8	22	41	2.92
ZZ51623		0.23	0.006	<0.2	1.76	74	<10	170	<0.5	7	0.32	<0.5	7	21	10	3.05
ZZ51624		0.27	0.008	0.3	1.87	73	<10	240	<0.5	5	0.49	<0.5	8	26	18	3.31
ZZ51625		0.25	0.006	0.2	1.45	29	<10	160	<0.5	5	0.60	<0.5	8	21	20	2.33
ZZ51626		0.17	<0.005	0.4	1.93	20	<10	170	0.5	4	0.56	<0.5	15	20	30	3.10
ZZ51627		0.59	<0.005	<0.2	1.23	22	<10	150	<0.5	5	0.26	<0.5	7	20	16	2.17
ZZ51628		0.26	0.005	0.7	1.41	38	<10	410	<0.5	5	0.19	<0.5	5	18	39	2.35
ZZ51629		0.21	0.016	0.7	1.06	68	<10	940	<0.5	7	0.20	<0.5	4	15	42	2.32

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194256

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ51561		10	<1	0.04	10	0.34	377	1	0.03	7	710	8	0.04	<2	3	41
ZZ51562		<10	<1	0.02	10	0.14	456	1	0.03	2	860	5	0.05	<2	2	35
ZZ51563		<10	<1	0.04	10	0.24	263	1	0.03	4	850	5	0.07	<2	2	46
ZZ51564		<10	<1	0.03	<10	0.12	206	1	0.04	1	500	4	0.03	<2	1	25
ZZ51565		10	<1	0.10	10	0.86	486	1	0.03	10	740	20	<0.01	<2	5	32
ZZ51566		<10	<1	0.04	10	0.26	624	1	0.03	11	870	7	0.05	<2	2	54
ZZ51567		<10	<1	0.10	10	0.75	702	1	0.02	8	790	34	0.05	<2	6	53
ZZ51568		<10	<1	0.05	10	0.44	451	1	0.02	6	720	8	0.03	<2	3	43
ZZ51569		<10	<1	0.06	10	0.48	363	1	0.03	5	640	15	0.05	<2	4	58
ZZ51570		<10	<1	0.04	10	0.35	362	1	0.03	4	760	10	0.06	<2	3	77
ZZ51601		<10	<1	0.02	<10	0.07	68	<1	0.03	2	460	3	0.04	<2	1	22
ZZ51602		<10	<1	0.04	20	0.18	391	1	0.02	4	620	9	0.03	<2	5	19
ZZ51603		<10	<1	0.06	10	0.38	308	1	0.01	6	680	11	0.01	<2	4	20
ZZ51604		10	<1	0.07	10	0.32	305	1	0.02	8	1110	14	0.07	<2	4	32
ZZ51605		10	<1	0.07	10	0.37	292	1	0.01	9	930	42	0.04	<2	3	30
ZZ51606		<10	<1	0.04	10	0.15	225	1	0.02	2	610	7	0.01	<2	2	17
ZZ51607		<10	<1	0.03	<10	0.08	150	<1	0.03	1	760	5	0.01	<2	1	17
ZZ51608		<10	<1	0.06	10	0.18	417	1	0.02	5	650	53	0.04	<2	2	16
ZZ51609		<10	<1	0.04	10	0.13	169	<1	0.03	2	380	10	<0.01	<2	1	13
ZZ51610		<10	<1	0.05	10	0.12	110	1	0.02	2	410	31	0.03	3	1	16
ZZ51611		<10	<1	0.09	10	0.13	139	1	0.01	3	760	41	0.04	3	1	21
ZZ51612		10	<1	0.11	10	0.29	372	2	0.01	7	720	60	0.03	<2	3	29
ZZ51613		<10	<1	0.21	20	0.26	571	3	0.01	5	720	154	0.23	6	5	49
ZZ51614		<10	<1	0.08	10	0.28	194	1	0.01	5	580	53	0.03	<2	2	20
ZZ51615		<10	<1	0.07	10	0.43	211	3	0.01	5	620	293	0.01	<2	5	16
ZZ51616		<10	<1	0.06	10	0.34	692	2	0.01	3	690	14	0.02	<2	3	25
ZZ51617		<10	<1	0.06	10	0.38	215	1	0.01	7	670	18	<0.01	<2	3	16
ZZ51618		<10	<1	0.07	10	0.32	361	1	0.01	6	650	18	<0.01	<2	3	15
ZZ51619		<10	<1	0.07	20	0.34	445	2	0.01	7	910	18	0.04	2	5	24
ZZ51620		<10	<1	0.06	10	0.33	913	2	0.01	7	990	18	0.06	5	2	20
ZZ51621		<10	<1	0.12	10	0.34	415	3	0.02	5	990	14	0.05	3	4	26
ZZ51622		<10	<1	0.10	20	0.47	354	2	0.02	8	620	23	0.03	3	6	23
ZZ51623		10	<1	0.10	10	0.64	364	1	0.02	7	530	14	0.04	<2	5	18
ZZ51624		10	<1	0.12	10	0.76	447	3	0.02	8	690	22	0.07	3	6	28
ZZ51625		10	<1	0.10	20	0.60	345	2	0.02	6	550	18	0.05	<2	5	29
ZZ51626		10	<1	0.08	20	0.68	958	2	0.02	9	730	35	0.06	<2	5	37
ZZ51627		<10	<1	0.09	10	0.45	428	2	0.01	8	670	15	0.01	<2	3	16
ZZ51628		<10	<1	0.08	20	0.30	190	6	0.02	5	930	52	0.07	4	2	18
ZZ51629		<10	<1	0.11	20	0.18	266	9	0.02	6	720	69	0.15	24	1	23

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12194256

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ51561		<20	0.07	<10	<10	61	<10	38
ZZ51562		<20	0.06	<10	<10	49	<10	20
ZZ51563		<20	0.04	<10	<10	35	<10	25
ZZ51564		<20	0.05	<10	<10	35	<10	14
ZZ51565		<20	0.11	<10	<10	123	<10	51
ZZ51566		<20	0.05	<10	<10	49	<10	42
ZZ51567		<20	0.10	<10	<10	85	<10	94
ZZ51568		<20	0.09	<10	<10	67	<10	41
ZZ51569		<20	0.07	<10	<10	67	<10	58
ZZ51570		<20	0.08	<10	<10	69	<10	50
ZZ51601		<20	0.03	<10	<10	28	<10	16
ZZ51602		<20	0.04	<10	<10	33	<10	34
ZZ51603		<20	0.07	<10	<10	48	<10	37
ZZ51604		<20	0.03	<10	<10	52	<10	48
ZZ51605		<20	0.03	<10	<10	53	<10	105
ZZ51606		<20	0.06	<10	<10	46	<10	34
ZZ51607		<20	0.08	<10	<10	68	<10	37
ZZ51608		<20	0.02	<10	<10	44	<10	125
ZZ51609		<20	0.03	<10	<10	28	<10	32
ZZ51610		<20	0.05	<10	<10	49	<10	62
ZZ51611		<20	0.01	<10	<10	36	<10	115
ZZ51612		<20	0.01	<10	<10	47	<10	132
ZZ51613		<20	0.02	<10	<10	39	<10	255
ZZ51614		<20	0.04	<10	<10	40	<10	115
ZZ51615		<20	0.03	<10	<10	50	<10	359
ZZ51616		<20	0.03	<10	<10	42	<10	47
ZZ51617		<20	0.04	<10	<10	38	<10	64
ZZ51618		<20	0.05	<10	<10	39	<10	80
ZZ51619		<20	0.02	<10	<10	41	<10	80
ZZ51620		<20	0.02	<10	<10	44	<10	66
ZZ51621		<20	0.06	<10	<10	56	<10	46
ZZ51622		<20	0.04	<10	<10	51	<10	63
ZZ51623		<20	0.06	<10	<10	54	<10	51
ZZ51624		<20	0.07	<10	<10	62	<10	65
ZZ51625		<20	0.06	<10	<10	53	<10	59
ZZ51626		<20	0.05	<10	<10	62	<10	69
ZZ51627		<20	0.06	<10	<10	45	<10	48
ZZ51628		<20	0.04	<10	<10	42	<10	55
ZZ51629		<20	0.04	<10	<10	40	<10	70

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
This copy reported on 30-AUG-2012
Account: ROCKHA

CERTIFICATE WH12194310

Project: Klaza - 85

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12170287**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12194310

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N810111		0.006
N810112		0.023
N810113		0.496
N810114		<0.005
N810115		<0.005
N810116		<0.005
N810117		0.157
N810118		<0.005
N810119		<0.005
N810120		0.186
N810121		0.051
N810122		<0.005
N810123		0.779
N810124		<0.005
N810125		<0.005
N810126		0.006
N810127		<0.005
N810128		<0.005
N810129		0.169
N810130		4.49
N810131		0.005
N810132		0.027
N810133		0.116
N810134		0.223
N810135		0.552
N810136		<0.005
N810137		0.470
N810138		<0.005
N810139		0.124
N810140		<0.005
N810141		0.042
N810142		<0.005
N810143		0.006
N810144		0.006
N810145		0.034
N810146		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12170287**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194651

Project: Klaza - 109

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

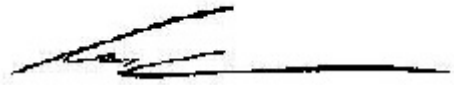
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12194651

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813279		5.73	<0.005	0.24	7.47	7.9	2320	1.28	0.73	1.78	0.22	49.6	9.2	9	7.43	116.5
N813280		2.31	<0.005	0.14	7.38	6.0	2030	1.33	0.33	2.27	0.31	42.2	7.7	9	8.30	7.2
N813281		3.83	<0.005	0.21	6.91	10.0	2250	1.22	0.45	2.64	0.27	38.0	5.8	9	9.29	23.6
N813282		4.44	0.008	0.39	7.34	5.3	2310	1.34	0.59	2.34	0.23	43.2	7.6	10	6.80	104.5
N813283		2.21	<0.005	0.44	7.53	4.8	2120	1.31	2.81	2.16	0.21	42.1	7.8	9	7.88	45.1
N813284		4.33	<0.005	0.15	7.21	8.9	1660	1.17	0.41	3.83	0.13	41.2	7.0	8	11.70	9.9
N813285		3.55	<0.005	0.13	7.54	6.5	2080	1.33	0.25	3.20	0.18	40.5	8.0	9	9.74	5.9
N813286		8.67	<0.005	0.13	7.32	6.1	1980	1.27	0.21	3.05	0.12	40.7	9.1	10	9.59	10.5
N813287		8.35	<0.005	0.11	7.33	5.6	2080	1.22	0.24	2.56	0.12	41.5	10.5	10	7.10	13.4
N813288		8.69	<0.005	0.12	7.11	4.4	2160	1.21	0.20	3.15	0.10	37.4	9.0	10	7.12	9.1
N813289		<0.02	<0.005	0.11	7.13	4.4	2200	1.20	0.20	3.09	0.11	41.9	8.7	12	7.21	8.8
N813290		9.19	0.019	0.19	7.37	6.1	2340	1.26	0.46	2.82	0.11	39.7	15.9	11	6.81	11.9
N813291		8.27	<0.005	0.09	7.48	4.2	2180	1.32	0.14	2.80	0.10	40.6	7.7	12	6.61	4.8
N813292		7.66	<0.005	0.11	7.33	4.4	2100	1.19	0.22	2.86	0.11	39.1	7.2	10	7.07	5.1
N813293		8.02	<0.005	0.15	7.49	6.2	2240	1.30	0.32	2.67	0.14	41.2	7.5	13	6.78	11.3
N813294		0.26	0.808	9.88	6.47	1755	320	1.43	6.30	1.93	41.5	40.0	16.5	20	15.60	112.5
N813295		7.43	<0.005	0.13	7.13	6.4	2090	1.28	0.21	2.78	0.13	35.5	9.8	11	7.36	9.1
N813296		6.35	<0.005	0.11	7.39	2.9	2180	1.32	0.12	2.86	0.09	38.3	7.9	14	7.68	7.4
N813297		6.80	<0.005	0.09	7.28	3.3	2130	1.30	0.10	2.89	0.09	39.1	8.4	11	8.11	7.4
N813298		3.46	0.008	0.09	7.10	3.7	2080	1.29	0.11	2.70	0.09	37.9	7.4	11	6.07	8.5
N813299		2.20	0.013	0.08	7.60	5.7	2320	1.23	0.14	2.83	0.08	37.3	7.7	10	6.47	7.8
N813300		2.31	<0.005	<0.01	0.07	<5	20	0.06	0.02	21.5	0.06	1.09	1.4	<1	0.20	2.0
N813301		7.58	<0.005	0.14	7.27	4.0	2070	1.47	0.19	2.63	0.09	37.7	7.7	11	7.12	11.9
N813302		3.53	<0.005	0.14	7.38	3.2	2570	1.31	0.15	2.98	0.10	37.3	8.0	10	9.54	15.2
N813303		0.26	2.26	27.2	5.90	3340	1170	1.18	19.90	2.24	81.2	41.7	10.9	19	14.70	449
N813304		7.58	<0.005	0.15	7.33	5.9	2090	1.23	0.52	2.74	0.11	35.6	8.0	11	9.10	15.6
N813305		4.23	<0.005	0.37	6.90	15.5	1640	1.21	1.49	3.96	0.16	34.1	8.5	9	18.70	41.0
N813306		3.13	0.026	2.24	7.20	254	1710	1.37	0.15	4.13	0.46	45.9	7.7	7	20.0	27.3
N813307		4.05	<0.005	0.23	7.54	17.5	2070	1.27	0.18	2.53	0.16	39.4	7.7	10	16.05	21.0
N813308		2.69	0.041	1.61	6.84	104.5	1750	1.21	3.85	4.11	0.59	43.7	11.3	10	18.30	30.8
N813309		3.00	<0.005	0.01	0.08	<5	30	0.06	0.02	20.4	0.05	1.13	1.2	<1	0.19	1.6
N813310		5.83	<0.005	0.17	7.06	9.7	1930	1.26	0.19	2.62	0.16	36.8	6.0	8	15.60	13.5
N813311		4.34	<0.005	0.18	6.40	9.9	1880	1.34	0.27	2.73	0.14	33.6	7.0	9	16.50	20.4
N813312		2.11	<0.005	0.15	6.63	11.5	1980	1.28	0.17	2.90	0.15	34.3	9.4	9	16.15	24.8
N813313		4.76	<0.005	0.18	7.25	5.8	2550	1.06	0.30	3.40	0.17	37.8	7.7	10	16.00	23.7
N813314		7.46	<0.005	0.26	6.80	11.7	2610	1.28	0.42	3.07	0.47	32.4	7.1	9	14.00	13.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12194651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813279		3.44	14.95	0.16	1.0	0.118	2.77	23.2	14.3	0.90	561	1.45	2.10	7.0	2.8	590
N813280		3.25	15.20	0.14	1.0	0.074	2.79	21.5	11.0	0.83	632	1.13	2.10	8.5	2.8	620
N813281		3.32	15.45	0.14	1.0	0.103	2.86	18.7	13.3	0.86	691	1.04	1.68	8.5	2.7	630
N813282		3.31	15.65	0.15	1.0	0.109	2.95	21.8	10.5	0.85	625	1.40	2.13	8.5	2.8	630
N813283		3.26	15.65	0.16	1.0	0.084	2.85	21.5	13.3	0.85	588	0.84	1.83	8.4	2.8	620
N813284		3.09	16.10	0.16	1.0	0.103	2.51	21.2	17.1	0.68	909	0.75	1.63	8.2	2.6	620
N813285		2.91	16.45	0.15	1.1	0.062	2.88	19.6	11.8	0.70	654	0.89	2.17	8.4	2.7	600
N813286		3.08	16.20	0.16	1.0	0.061	2.67	19.3	12.9	0.78	666	1.54	2.09	8.7	2.9	630
N813287		3.06	15.80	0.15	0.9	0.058	2.56	20.8	14.9	0.94	593	3.54	2.20	8.3	2.8	610
N813288		3.05	15.85	0.14	0.9	0.052	2.63	17.5	14.4	0.93	719	9.50	2.26	8.4	2.7	620
N813289		3.14	15.75	0.15	1.0	0.053	2.67	19.7	14.3	0.96	728	7.05	2.28	8.6	2.9	640
N813290		3.23	16.65	0.15	1.0	0.064	2.91	19.4	10.7	0.85	655	3.12	2.10	8.6	2.8	610
N813291		2.90	16.25	0.15	1.0	0.048	2.70	20.2	11.9	0.89	580	1.45	2.38	8.2	2.8	600
N813292		2.85	15.85	0.14	1.0	0.055	2.61	19.5	14.6	0.97	608	1.90	2.42	8.1	2.7	590
N813293		3.30	16.60	0.15	1.0	0.068	2.71	20.2	12.7	0.98	631	1.24	2.33	8.8	3.0	650
N813294		5.29	14.95	0.12	1.4	1.010	2.93	20.7	26.0	0.70	2000	11.60	0.26	6.8	16.1	510
N813295		3.27	16.65	0.15	0.9	0.071	2.70	16.2	13.4	0.93	652	1.15	2.09	9.1	3.2	670
N813296		3.17	16.35	0.16	1.0	0.040	2.73	18.0	12.8	0.91	643	1.24	2.17	8.7	3.1	640
N813297		3.16	16.35	0.16	1.0	0.040	2.61	18.1	13.1	0.95	667	1.32	2.10	8.6	3.2	660
N813298		3.17	16.20	0.15	1.1	0.053	2.64	17.5	12.3	0.94	625	1.09	2.13	8.7	2.9	630
N813299		3.35	16.20	0.16	0.9	0.056	2.81	18.0	11.9	0.94	637	2.13	2.01	8.4	2.8	630
N813300		0.49	0.28	0.08	<0.1	<0.005	0.03	0.5	1.0	13.25	222	0.11	0.01	0.4	3.1	180
N813301		3.17	15.90	0.14	1.1	0.061	2.81	17.9	13.5	0.92	651	0.85	2.03	8.8	2.8	640
N813302		3.13	16.45	0.14	1.0	0.050	2.72	17.4	14.7	0.90	826	0.76	2.07	8.7	2.9	640
N813303		6.75	14.60	0.13	0.9	1.910	2.71	22.5	26.0	0.93	1900	13.35	0.04	5.6	15.0	450
N813304		3.23	15.90	0.14	1.0	0.062	2.66	16.7	17.9	0.84	554	1.05	1.83	8.6	2.8	660
N813305		3.05	16.20	0.14	0.9	0.087	2.70	16.0	30.9	0.68	593	1.19	0.78	8.3	2.6	630
N813306		2.91	15.30	0.16	0.9	0.065	2.92	25.1	18.0	1.38	2040	0.91	0.07	7.8	3.0	590
N813307		3.27	16.35	0.15	1.0	0.060	2.94	18.7	24.8	0.80	623	1.07	1.33	8.8	2.8	670
N813308		3.87	14.10	0.17	0.8	0.086	2.73	23.6	22.9	1.39	1350	1.18	0.07	7.3	2.8	550
N813309		0.47	0.26	0.08	<0.1	<0.005	0.03	0.6	0.9	12.70	201	0.10	0.01	0.4	2.2	210
N813310		3.13	15.20	0.14	1.0	0.073	2.68	17.7	30.4	0.81	715	0.80	0.48	8.3	2.5	630
N813311		3.16	14.65	0.14	0.9	0.086	2.64	15.5	15.0	0.73	859	0.72	1.44	7.8	2.5	570
N813312		3.31	15.05	0.14	0.9	0.085	2.71	15.9	15.1	0.77	865	0.78	1.53	8.0	2.7	600
N813313		3.07	15.85	0.16	1.0	0.075	2.76	18.6	21.8	0.78	748	0.73	0.47	8.3	2.7	630
N813314		3.22	15.55	0.14	0.9	0.096	2.72	14.9	36.9	0.84	1020	0.63	0.69	7.9	2.7	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12194651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813279		24.0	114.0	<0.002	0.09	5.35	11.1	1	2.5	291	0.55	0.06	11.7	0.242	1.23	2.8
N813280		19.4	103.0	<0.002	0.09	3.81	10.6	1	1.9	365	0.63	<0.05	11.8	0.271	1.12	3.4
N813281		22.0	87.7	<0.002	0.07	4.86	9.6	1	2.9	300	0.63	<0.05	8.9	0.271	1.29	2.8
N813282		22.1	103.5	<0.002	0.06	3.06	10.8	1	2.3	373	0.62	<0.05	11.0	0.274	1.31	3.0
N813283		23.5	105.5	<0.002	0.04	3.44	10.9	1	2.9	384	0.62	0.06	11.9	0.276	1.27	3.0
N813284		14.9	81.3	<0.002	0.07	3.97	9.8	1	2.1	325	0.58	<0.05	9.4	0.265	1.16	2.6
N813285		19.0	94.2	<0.002	0.06	2.23	10.1	1	1.6	405	0.63	<0.05	10.2	0.266	1.19	3.3
N813286		16.6	87.0	<0.002	0.05	2.56	10.6	1	1.8	397	0.62	<0.05	10.0	0.281	1.07	3.0
N813287		15.4	85.7	<0.002	0.03	1.43	10.3	1	1.7	442	0.61	<0.05	10.0	0.272	0.94	2.9
N813288		16.0	72.2	0.002	0.02	1.32	9.9	1	1.8	446	0.61	<0.05	8.8	0.273	0.98	2.6
N813289		15.7	73.1	<0.002	0.02	1.26	10.1	1	1.7	450	0.60	<0.05	9.0	0.282	0.95	2.7
N813290		16.8	90.1	<0.002	0.13	1.63	10.1	1	1.8	389	0.62	0.05	10.0	0.275	1.12	3.1
N813291		15.7	86.0	<0.002	0.01	1.59	9.9	1	1.5	450	0.62	<0.05	9.9	0.264	0.95	2.8
N813292		16.2	79.5	<0.002	0.01	1.70	9.8	1	2.1	431	0.62	<0.05	10.0	0.261	0.95	3.0
N813293		16.1	85.9	<0.002	0.02	1.72	10.7	1	1.8	432	0.64	<0.05	9.8	0.288	1.07	2.8
N813294		1395	161.5	0.003	3.09	33.1	8.6	1	5.7	145.0	0.60	0.27	11.6	0.212	2.66	5.0
N813295		17.0	77.5	<0.002	0.03	2.05	10.2	1	1.7	408	0.65	<0.05	8.6	0.297	1.10	2.9
N813296		15.2	82.9	<0.002	0.01	1.40	10.6	1	1.6	414	0.66	<0.05	10.1	0.291	0.97	3.2
N813297		14.9	80.8	<0.002	0.01	1.65	10.8	1	1.6	409	0.66	<0.05	10.1	0.294	0.94	3.0
N813298		13.6	80.8	<0.002	0.01	1.60	10.6	1	1.8	406	0.67	<0.05	9.7	0.282	0.99	3.1
N813299		13.8	85.0	<0.002	0.13	1.93	10.2	1	1.8	394	0.62	<0.05	9.7	0.280	1.06	3.2
N813300		1.3	1.5	<0.002	<0.01	<0.05	0.4	1	<0.2	58.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N813301		14.8	87.5	<0.002	0.01	1.88	10.0	1	2.0	373	0.71	<0.05	11.4	0.278	1.12	3.5
N813302		15.4	81.8	<0.002	0.01	2.19	10.4	1	2.1	424	0.65	<0.05	9.7	0.283	1.03	3.0
N813303		2970	171.0	0.005	4.83	94.8	8.2	1	7.7	89.4	0.48	0.41	10.7	0.182	2.52	5.1
N813304		14.7	80.3	<0.002	0.02	4.80	10.3	1	1.9	387	0.65	<0.05	9.3	0.284	1.08	2.8
N813305		14.4	75.1	<0.002	0.09	15.00	9.7	1	2.0	257	0.61	0.06	8.3	0.279	1.40	3.0
N813306		35.6	151.0	<0.002	0.76	21.6	10.8	1	2.0	177.0	0.60	<0.05	11.2	0.252	2.45	4.4
N813307		15.8	94.4	<0.002	0.07	5.31	10.6	1	2.0	321	0.67	<0.05	9.8	0.290	1.38	3.1
N813308		50.9	105.5	<0.002	1.31	18.75	9.7	1	1.9	191.0	0.55	0.99	10.3	0.244	1.95	4.9
N813309		1.2	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N813310		13.4	79.2	<0.002	0.06	14.20	9.7	1	2.2	211	0.63	<0.05	9.6	0.273	1.33	2.6
N813311		12.2	82.9	<0.002	0.06	5.53	8.9	1	2.1	311	0.57	<0.05	7.8	0.258	1.41	2.9
N813312		12.4	85.1	<0.002	0.09	6.32	9.4	1	2.1	329	0.58	<0.05	8.1	0.265	1.42	2.9
N813313		15.2	78.5	<0.002	0.04	11.25	10.0	1	2.3	253	0.62	<0.05	9.4	0.278	1.22	2.9
N813314		22.7	71.5	<0.002	0.12	6.49	9.2	1	2.2	248	0.60	<0.05	8.1	0.272	1.48	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 109

CERTIFICATE OF ANALYSIS WH12194651

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N813279		69	2.6	15.0	59	26.4	<1
N813280		74	2.0	14.3	66	27.4	<1
N813281		77	4.4	13.8	67	26.1	<1
N813282		76	1.7	14.4	61	27.5	<1
N813283		78	2.3	13.6	61	27.4	1
N813284		74	2.8	15.4	53	25.5	<1
N813285		73	1.8	14.1	54	25.9	<1
N813286		79	2.1	14.2	50	25.0	<1
N813287		77	1.5	14.4	47	23.2	<1
N813288		77	2.1	14.4	49	23.7	<1
N813289		80	1.7	14.9	50	24.5	<1
N813290		78	6.8	14.1	46	24.9	<1
N813291		75	1.5	14.1	43	24.4	<1
N813292		74	1.2	14.7	43	24.9	<1
N813293		80	1.4	14.9	53	23.0	<1
N813294		57	5.0	10.8	2990	35.9	10
N813295		85	2.2	13.6	52	24.2	<1
N813296		83	1.9	14.7	50	25.3	<1
N813297		84	2.1	14.8	51	24.6	<1
N813298		81	1.4	14.8	47	26.1	<1
N813299		79	1.7	13.9	46	23.7	<1
N813300		3	0.1	0.8	14	<0.5	<1
N813301		78	1.4	14.8	46	27.7	<1
N813302		78	1.6	14.8	54	26.3	<1
N813303		56	4.9	9.8	5450	24.3	26
N813304		79	4.2	13.0	50	24.9	<1
N813305		78	3.0	13.7	49	23.1	<1
N813306		72	6.5	13.8	56	22.7	2
N813307		82	3.0	14.3	60	24.5	<1
N813308		73	12.1	13.2	71	20.5	2
N813309		2	0.1	0.8	13	0.5	<1
N813310		77	4.1	13.7	53	25.7	<1
N813311		74	2.4	11.7	51	24.1	<1
N813312		78	2.4	12.0	52	23.1	<1
N813313		78	2.4	13.6	56	24.9	<1
N813314		76	2.5	11.7	76	22.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 109

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194651

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194652

Project: Klaza -109

P.O. No.: Batch 5

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

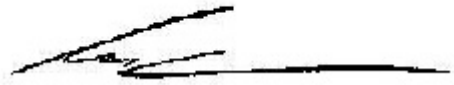
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza -109

CERTIFICATE OF ANALYSIS WH12194652

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813315		4.17	<0.005	0.22	7.37	16.0	2300	1.60	0.23	2.94	0.30	43.0	8.0	9	26.8	27.1
N813316		0.30	4.39	>100	5.30	8020	1100	1.09	55.2	1.99	228	33.9	9.3	17	11.75	1280
N813317		4.82	0.035	1.80	6.47	174.0	3430	1.53	0.18	3.26	5.80	43.1	6.9	7	16.25	18.0
N813318		3.64	0.041	1.38	7.18	348	2420	1.59	0.55	3.25	3.97	49.5	10.9	7	16.95	13.2
N813319		4.16	<0.005	0.66	7.23	113.0	1360	1.64	0.27	2.33	0.64	40.3	7.8	9	17.70	12.2
N813320		2.71	0.137	5.81	6.58	569	1180	1.48	0.96	3.21	15.30	45.6	13.9	8	15.30	33.9
N813321		3.34	3.57	>100	3.58	>10000	250	0.62	27.5	0.56	369	26.9	24.7	7	2.66	7340
N813322		3.01	<0.005	0.16	0.06	7	20	<0.05	0.04	20.7	0.26	1.20	1.1	<1	0.24	6.2
N813323		2.57	0.100	4.22	6.23	396	470	1.25	2.80	1.75	12.55	46.0	18.0	8	9.37	16.4
N813324		2.53	0.417	5.61	7.12	2890	420	1.24	1.05	0.80	55.2	46.5	7.9	8	9.28	41.6
N813325		2.21	0.600	13.90	6.68	3640	510	1.34	2.41	0.69	49.2	46.2	5.7	8	10.35	113.0
N813326		2.37	<0.005	0.25	6.86	16.8	1220	1.71	0.13	2.15	0.43	60.8	4.6	11	25.0	4.1
N813327		8.60	0.009	0.51	6.56	65.1	1970	1.80	0.25	2.49	0.71	57.6	5.3	13	25.7	8.6
N813328		0.29	4.38	>100	5.27	7970	1040	1.06	57.9	1.97	227	32.9	9.2	18	11.30	1270
N813329		3.05	<0.005	0.42	6.45	34.0	2270	2.07	0.14	2.92	0.25	54.0	6.9	14	17.50	12.2
N813330		2.79	<0.005	0.83	7.43	17.9	2380	2.16	0.17	2.61	0.78	71.1	7.5	17	22.4	10.2
N813331		2.48	0.921	16.90	5.84	606	750	1.03	15.20	1.59	2.83	37.7	34.0	9	7.80	1170
N813332		2.90	<0.005	0.02	0.07	<5	30	0.06	0.04	21.0	0.07	1.35	1.0	<1	0.27	2.4
N813333		2.38	<0.005	0.08	6.74	4.7	2190	1.58	0.23	2.68	0.14	42.1	7.5	10	8.21	10.4
N813334		1.14	<0.005	0.14	7.35	8.1	2240	1.62	0.32	2.77	0.13	52.4	7.7	9	9.13	14.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza -109

CERTIFICATE OF ANALYSIS WH12194652

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813315		3.51	17.60	0.20	1.1	0.074	3.06	20.3	28.8	0.82	1060	0.65	1.06	9.1	3.1	680
N813316		7.99	12.75	0.21	1.0	4.76	2.30	17.9	31.6	0.63	3120	14.80	0.08	5.4	13.8	460
N813317		3.67	15.70	0.16	1.0	0.076	2.65	21.9	30.0	1.06	5300	0.69	0.73	7.3	2.7	540
N813318		4.24	16.15	0.18	0.9	0.228	3.02	26.5	22.5	1.19	3530	0.51	0.06	7.6	3.0	590
N813319		3.19	16.65	0.16	1.1	0.104	2.81	19.5	29.5	0.80	1620	0.60	0.06	7.9	2.6	620
N813320		4.39	14.60	0.17	0.9	0.582	2.91	25.3	13.9	1.18	4130	1.84	0.03	6.5	2.9	530
N813321		12.40	10.20	0.27	0.5	8.41	1.72	15.0	8.0	0.26	1380	4.05	0.02	3.3	2.8	260
N813322		0.47	0.22	0.06	<0.1	0.009	0.03	0.6	1.0	12.80	211	0.11	<0.01	0.2	1.1	180
N813323		5.88	15.55	0.17	0.7	0.558	3.00	24.9	7.7	0.83	6440	1.41	0.02	6.4	3.0	520
N813324		6.27	15.65	0.17	0.9	1.045	3.43	25.3	8.0	0.52	4760	3.12	0.03	6.5	2.8	560
N813325		5.39	15.95	0.18	1.1	1.810	3.13	24.8	15.6	0.45	2150	2.33	0.03	6.8	3.0	580
N813326		2.35	17.20	0.17	2.3	0.032	2.66	30.3	42.7	0.89	621	1.59	0.07	10.9	2.7	870
N813327		2.46	17.55	0.17	2.4	0.055	2.41	28.7	76.0	0.88	846	1.47	0.07	10.4	3.6	840
N813328		7.93	12.40	0.21	1.1	4.84	2.29	17.1	31.2	0.63	3150	13.70	0.08	5.8	13.4	450
N813329		2.37	17.85	0.15	3.0	0.031	2.67	26.7	52.1	1.08	723	1.10	0.05	10.0	6.9	1030
N813330		2.63	19.05	0.20	3.3	0.036	2.84	37.8	52.7	1.09	764	2.62	0.05	10.4	7.1	1100
N813331		9.08	12.20	0.20	1.0	0.586	2.52	19.5	37.1	0.68	938	2.24	0.49	6.2	2.9	480
N813332		0.46	0.30	0.09	<0.1	0.007	0.03	0.7	1.2	13.05	201	0.23	0.01	0.3	1.2	180
N813333		2.95	16.00	0.15	1.0	0.040	2.59	19.8	13.7	0.87	591	1.32	2.25	7.7	3.1	610
N813334		3.09	16.85	0.18	1.0	0.047	2.68	25.9	13.4	0.90	615	3.16	2.32	7.8	3.2	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza -109

CERTIFICATE OF ANALYSIS WH12194652

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813315		29.1	111.0	<0.002	0.07	10.25	14.2	1	2.0	292	0.74	<0.05	12.5	0.302	1.95	4.1
N813316		9680	128.5	0.002	7.17	226	7.6	2	9.0	122.5	0.43	0.52	9.3	0.185	2.23	5.2
N813317		166.5	108.0	<0.002	0.28	14.95	11.1	1	2.4	242	0.60	<0.05	13.1	0.246	2.16	4.5
N813318		160.5	150.0	<0.002	0.95	17.00	12.1	1	3.1	147.5	0.65	<0.05	13.6	0.263	2.58	4.5
N813319		58.1	95.3	<0.002	0.29	14.05	11.5	1	1.8	136.5	0.68	0.05	12.3	0.276	2.15	4.4
N813320		711	148.5	0.002	1.37	24.0	9.8	1	4.6	173.0	0.56	0.17	12.6	0.230	2.55	5.7
N813321		>10000	95.9	0.007	>10.0	1325	5.8	4	18.4	13.1	0.27	2.53	6.7	0.114	1.54	2.5
N813322		19.5	1.6	<0.002	<0.01	1.23	0.2	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813323		718	202	<0.002	3.15	16.10	10.4	1	4.3	45.4	0.52	0.13	12.3	0.213	3.25	7.1
N813324		2000	223	<0.002	4.33	32.3	10.6	1	9.2	32.3	0.53	0.07	14.3	0.246	2.93	6.4
N813325		1465	191.0	<0.002	4.50	69.6	9.5	1	10.0	50.6	0.56	0.11	12.1	0.237	2.55	6.0
N813326		38.5	77.0	<0.002	0.05	6.79	5.8	1	1.6	267	0.76	<0.05	9.9	0.247	1.75	6.9
N813327		54.8	82.7	<0.002	0.16	11.70	5.9	1	1.8	299	0.73	<0.05	9.5	0.249	1.79	5.6
N813328		9640	139.0	<0.002	7.14	220	7.6	2	8.8	124.5	0.44	0.47	8.7	0.184	2.13	5.5
N813329		20.1	112.0	<0.002	0.27	9.18	6.9	1	1.7	516	0.69	0.05	8.3	0.288	2.33	4.1
N813330		40.8	143.0	<0.002	0.22	9.43	8.1	1	1.5	487	0.73	<0.05	11.3	0.309	2.05	5.5
N813331		256	135.0	<0.002	7.89	52.8	8.8	2	6.6	143.0	0.52	0.55	11.0	0.200	1.62	4.3
N813332		1.7	1.7	<0.002	<0.01	0.09	0.2	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02	1.0
N813333		15.4	87.8	<0.002	0.01	1.35	10.7	1	1.5	383	0.62	<0.05	11.2	0.272	0.91	3.4
N813334		18.6	99.5	<0.002	0.03	1.68	11.8	1	1.6	405	0.65	<0.05	14.2	0.276	0.97	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza -109

CERTIFICATE OF ANALYSIS WH12194652

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N813315		88	2.8	17.5	76	29.2	<1		
N813316		54	4.5	9.6	>10000	33.1	123		1.710
N813317		68	3.6	15.5	491	28.5	2		
N813318		75	3.8	17.2	350	25.2	1		
N813319		79	5.3	14.8	86	29.5	<1		
N813320		65	4.7	13.6	1130	26.8	5		
N813321		39	5.9	6.7	>10000	13.6	283	3.24	2.73
N813322		1	0.1	0.8	27	<0.5	<1		
N813323		67	4.7	9.9	879	19.3	3		
N813324		69	6.2	8.5	4210	26.2	5		
N813325		64	6.5	7.2	4030	32.4	14		
N813326		48	1.5	12.3	83	85.5	<1		
N813327		49	2.6	12.0	96	91.8	<1		
N813328		53	4.7	9.8	>10000	33.2	122		1.675
N813329		61	2.8	12.6	61	124.0	<1		
N813330		63	2.1	15.0	102	134.0	<1		
N813331		58	2.9	10.8	295	25.6	17		
N813332		2	0.1	0.9	15	1.0	<1		
N813333		77	0.8	15.9	43	26.7	<1		
N813334		77	0.8	17.7	45	27.6	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza -109

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194652

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194653

Project: Klaza - 110

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

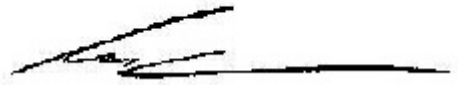
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194653

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358040		4.31	0.017	0.31	7.35	11.2	2370	1.65	1.89	2.16	0.47	51.6	5.9	8	11.75	19.1
M358041		2.34	0.042	0.77	7.04	40.4	740	1.61	2.59	1.91	0.61	54.7	6.8	8	11.60	44.6
M358042		3.80	0.072	0.60	7.47	22.1	560	1.59	3.02	1.64	0.85	55.4	7.3	7	12.40	53.9
M358043		0.26	2.18	25.3	5.79	3410	120	1.44	19.30	2.18	76.6	40.9	10.6	19	14.25	451
M358044		2.27	0.007	0.47	7.23	7.6	2190	1.62	1.10	2.16	1.16	48.0	7.4	7	10.50	14.4
M358045		2.64	0.105	18.75	6.81	136.0	490	1.59	74.5	1.49	15.55	47.0	6.3	9	11.95	402
M358046		4.40	0.006	0.45	7.51	17.6	2260	1.66	1.03	2.34	0.52	52.1	6.0	11	11.55	9.6
M358047		2.87	0.038	1.86	6.87	67.3	780	1.65	8.22	1.79	1.10	48.9	5.4	9	16.50	44.8
M358048		2.19	<0.005	0.09	0.04	<5	20	0.05	0.03	19.65	0.05	0.84	0.5	<1	0.10	2.7
M358049		2.65	0.014	0.20	7.31	12.1	2210	1.59	0.99	2.08	0.50	48.3	5.8	6	12.10	12.7
M358050		2.88	0.065	0.62	6.94	17.2	1150	1.56	3.15	2.47	1.95	43.6	7.0	7	13.90	28.8
M358051		5.52	0.016	0.25	6.99	16.6	2020	1.41	0.90	2.48	0.26	44.1	5.5	7	11.60	20.8
M358052		2.73	0.474	16.90	6.85	277	160	1.52	43.0	2.16	1.56	61.7	7.4	5	21.7	840
M358053		6.86	0.007	0.34	6.90	10.7	2120	1.45	1.18	2.51	1.04	43.4	4.4	7	14.00	16.6
M358054		2.83	0.022	0.56	6.59	13.3	2090	1.36	1.38	2.20	0.82	45.4	17.8	6	14.60	71.7
M358055		4.69	0.007	0.29	7.07	7.7	2230	1.56	1.08	2.32	1.15	46.2	5.1	7	11.20	11.1
M358056		2.95	0.013	0.67	4.31	19.0	390	1.00	1.81	2.81	3.13	34.3	28.2	12	9.87	8.6
M358057		3.27	0.016	0.31	6.85	12.6	1870	1.55	1.11	2.65	1.27	56.8	9.1	8	18.15	10.3
M358058		2.57	0.009	0.15	7.29	8.3	2280	1.64	1.24	2.52	0.16	48.4	3.7	7	6.12	10.4
M358059		1.80	0.012	0.19	7.03	9.3	2180	1.55	1.61	2.50	0.21	50.6	4.3	8	6.39	15.0
M358060		4.57	<0.005	0.10	7.34	7.6	2210	1.67	0.86	2.61	0.16	55.7	4.6	8	6.21	8.5
M358061		6.10	0.020	0.56	6.63	17.4	1700	1.54	3.40	2.29	1.17	59.5	4.9	8	13.95	23.5
M358062		<0.02	0.024	0.53	6.78	16.5	1730	1.36	3.11	2.33	1.15	54.6	4.9	8	13.50	24.7
M358063		2.56	0.284	4.83	6.05	177.0	800	1.35	12.65	1.49	4.42	51.0	15.2	7	9.99	29.4
M358064		2.75	<0.005	0.01	0.06	<5	20	0.05	0.05	20.5	0.06	1.10	0.7	<1	0.14	1.1
M358065		3.35	0.063	1.37	7.21	39.4	1680	1.64	4.01	2.01	7.57	53.2	11.9	8	12.90	29.4
M358066		4.60	0.016	0.23	6.80	12.9	2270	1.62	1.35	2.65	0.70	42.5	3.6	6	20.8	9.8
M358067		0.26	0.753	9.14	6.42	1650	340	1.55	6.34	1.89	39.4	41.8	15.5	19	15.55	104.0
M358068		5.55	0.005	0.17	7.07	12.8	2040	1.64	0.59	2.36	0.41	49.5	3.7	7	12.10	2.5
M358069		4.83	0.015	0.19	6.70	12.9	2270	1.52	0.62	3.42	0.65	48.0	5.1	7	17.00	3.1
M358070		3.62	0.056	0.65	6.94	35.3	2460	1.16	1.64	2.31	4.70	45.4	15.9	6	19.75	17.9
M358071		7.96	0.013	0.26	7.12	18.0	2170	1.55	0.79	2.31	1.22	48.4	5.3	9	13.30	7.5
M358072		2.46	0.117	1.45	7.23	361	1650	1.67	3.22	1.72	1.23	54.5	3.1	7	14.95	13.1
M358073		4.37	0.202	2.10	7.27	212	530	1.47	3.93	1.26	4.45	86.8	9.9	6	11.90	41.1
M358074		3.60	0.290	3.27	5.34	721	190	1.13	5.78	1.11	18.70	37.6	12.7	5	12.25	40.1
M358075		3.22	0.125	2.82	6.79	96.8	650	1.43	5.53	1.17	4.95	53.5	6.1	7	14.70	21.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358040		3.17	15.90	0.14	1.3	0.129	2.62	28.1	15.8	0.71	594	4.69	1.64	7.1	2.3	580
M358041		4.54	16.00	0.14	1.2	0.262	2.99	31.6	13.7	0.69	873	2.06	0.73	6.3	2.3	540
M358042		3.49	17.50	0.12	1.3	0.351	3.13	30.1	13.2	0.56	593	2.75	1.15	6.9	2.1	580
M358043		6.56	14.05	0.11	0.9	1.490	2.69	20.1	23.2	0.90	1900	12.55	0.04	5.4	15.0	440
M358044		2.76	15.60	0.12	1.3	0.156	2.82	26.9	15.0	0.72	548	0.83	1.98	6.8	1.9	580
M358045		4.34	15.65	0.14	1.3	0.629	3.04	26.6	12.1	0.67	725	0.82	0.67	6.6	1.9	500
M358046		3.08	16.10	0.14	1.7	0.074	3.03	26.9	13.8	0.75	668	1.01	1.97	7.5	2.0	590
M358047		3.51	14.90	0.13	1.3	0.146	2.59	27.1	35.6	0.75	780	5.23	0.16	6.4	3.4	510
M358048		0.44	0.12	0.06	<0.1	0.005	0.01	<0.5	0.8	12.25	192	<0.05	<0.01	0.1	1.1	180
M358049		2.97	15.75	0.14	1.3	0.133	2.85	27.0	14.2	0.73	634	2.35	1.92	6.7	2.0	580
M358050		3.60	16.05	0.12	1.2	0.203	2.70	22.9	14.3	0.69	757	1.43	1.30	6.7	2.2	560
M358051		2.92	15.05	0.12	1.3	0.171	2.64	24.5	14.9	0.79	631	1.55	1.72	7.5	3.1	540
M358052		6.49	14.25	0.13	1.4	0.582	2.42	32.0	13.3	0.64	563	1.92	0.56	7.5	2.5	690
M358053		2.72	14.60	0.12	1.3	0.135	2.35	22.4	13.1	0.68	563	1.08	1.80	7.5	2.2	560
M358054		2.92	13.80	0.12	1.2	0.191	2.07	25.6	13.0	0.67	549	1.55	1.56	7.1	2.2	530
M358055		2.69	15.10	0.12	1.5	0.131	2.42	23.0	13.8	0.76	595	1.19	1.88	7.9	2.1	560
M358056		2.74	9.72	0.09	0.7	0.185	1.84	19.0	13.1	0.52	518	55.5	0.31	4.2	3.1	360
M358057		2.64	15.40	0.14	1.5	0.272	2.42	30.8	14.8	0.80	594	10.30	1.51	7.1	2.6	530
M358058		2.72	15.65	0.14	1.8	0.066	2.65	23.3	13.5	0.73	442	2.55	2.28	8.4	2.3	550
M358059		2.75	15.45	0.14	1.8	0.075	2.54	27.4	13.6	0.73	458	2.09	2.16	8.3	2.4	570
M358060		2.92	16.85	0.10	1.6	0.075	2.43	29.2	14.1	0.81	486	2.47	2.27	8.8	2.3	590
M358061		3.12	14.15	0.13	1.2	0.397	2.14	35.2	11.0	0.74	607	0.51	1.29	7.0	1.9	510
M358062		3.13	13.35	0.13	1.2	0.378	2.19	32.7	10.6	0.73	614	0.50	1.32	6.7	1.8	510
M358063		7.48	13.55	0.13	1.1	0.456	2.78	30.3	6.2	0.61	741	5.76	0.05	4.8	2.0	450
M358064		0.45	0.15	0.06	<0.1	<0.005	0.02	0.5	0.9	12.30	189	0.35	0.01	0.1	1.2	170
M358065		3.71	15.10	0.11	1.3	0.515	2.61	31.3	15.1	0.78	815	1.78	0.79	7.1	2.9	540
M358066		2.72	14.60	0.13	1.3	0.212	2.18	20.7	12.0	0.60	655	0.81	1.40	7.7	2.6	540
M358067		5.00	14.10	0.10	1.4	0.853	2.79	21.4	24.0	0.67	1940	11.75	0.26	7.2	13.4	490
M358068		2.66	14.55	0.12	1.4	0.088	2.26	25.7	11.8	0.66	513	1.79	2.05	7.7	2.2	540
M358069		2.56	14.55	0.15	1.5	0.101	2.30	23.4	28.4	0.68	651	1.30	1.16	7.7	2.6	540
M358070		3.40	15.60	0.12	1.4	0.288	2.47	24.0	23.6	0.69	540	3.89	0.79	7.3	2.8	520
M358071		3.16	15.50	0.13	1.4	0.171	2.66	25.2	17.0	0.69	570	0.78	1.48	8.0	3.0	550
M358072		3.76	15.90	0.13	1.4	0.176	3.03	32.4	20.1	0.62	696	0.35	0.51	7.7	1.8	550
M358073		4.26	16.05	0.15	1.2	0.410	3.31	53.0	12.8	0.69	863	0.44	0.04	6.3	2.6	530
M358074		5.00	12.30	0.08	0.9	0.387	2.36	20.4	26.9	0.50	923	27.7	0.03	5.4	2.5	370
M358075		4.21	15.00	0.13	1.1	0.417	3.00	30.2	16.1	0.63	720	19.95	0.04	6.9	2.2	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358040		30.5	92.8	0.006	0.54	6.48	10.3	1	2.2	285	0.59	0.25	12.9	0.239	1.24	3.6
M358041		41.1	155.0	0.002	1.72	7.43	9.9	<1	5.9	134.0	0.54	0.28	13.2	0.217	2.02	4.8
M358042		38.4	135.0	0.002	1.37	21.5	11.0	1	3.5	237	0.57	0.45	13.6	0.232	1.84	5.3
M358043		2910	153.0	0.003	4.60	90.7	8.1	1	7.8	91.3	0.44	0.36	9.7	0.177	2.23	4.8
M358044		42.1	102.5	<0.002	0.23	3.92	10.0	1	2.1	303	0.60	0.05	12.6	0.238	1.35	4.1
M358045		568	160.0	<0.002	2.03	9.61	9.6	1	5.6	142.5	0.54	0.07	12.7	0.212	1.97	4.7
M358046		41.1	107.5	<0.002	0.31	3.50	10.4	1	2.0	347	0.66	0.09	14.2	0.243	1.38	4.6
M358047		69.8	111.0	<0.002	1.34	28.7	9.5	1	3.5	118.5	0.58	0.14	12.5	0.218	1.77	5.8
M358048		1.4	0.7	<0.002	0.01	0.62	0.1	<1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358049		28.1	109.0	0.003	0.54	4.65	10.3	1	2.2	312	0.56	0.10	12.4	0.235	1.35	3.3
M358050		112.5	101.0	<0.002	1.31	5.04	9.9	1	3.2	239	0.53	1.04	10.9	0.224	1.50	4.3
M358051		22.6	103.0	0.002	0.32	2.72	9.3	1	2.4	290	0.61	0.17	13.1	0.235	1.49	3.7
M358052		254	113.0	<0.002	5.01	8.57	9.9	8	6.6	131.5	0.59	1.03	12.3	0.259	2.15	3.6
M358053		44.8	93.1	<0.002	0.22	3.11	9.1	<1	2.1	303	0.66	<0.05	12.8	0.238	1.39	3.6
M358054		47.4	99.1	0.002	0.71	4.20	9.2	<1	2.8	234	0.62	0.10	13.2	0.222	1.36	3.6
M358055		39.7	92.5	0.002	0.19	3.24	9.2	1	2.2	309	0.71	<0.05	13.2	0.234	1.33	3.9
M358056		95.7	103.5	0.009	1.73	4.55	6.1	1	1.7	129.5	0.33	0.16	7.9	0.133	1.42	2.4
M358057		60.3	117.5	0.003	0.52	3.72	9.0	1	2.7	246	0.65	0.20	13.4	0.207	1.67	3.9
M358058		17.8	99.0	0.002	0.11	2.09	9.2	1	2.0	408	0.74	<0.05	13.2	0.246	1.11	4.6
M358059		19.2	94.1	0.002	0.14	2.20	9.9	1	2.1	387	0.76	0.07	14.2	0.242	1.10	4.8
M358060		16.0	94.8	0.003	0.04	2.47	11.0	1	2.0	429	0.71	<0.05	13.5	0.260	1.04	4.2
M358061		58.7	115.0	<0.002	0.54	4.46	9.1	1	3.0	205	0.57	0.08	13.2	0.210	1.67	4.2
M358062		61.8	113.0	<0.002	0.58	4.19	8.7	1	3.0	203	0.52	0.11	14.1	0.210	1.74	4.5
M358063		202	156.0	0.005	6.83	4.70	8.1	1	7.3	51.1	0.42	1.16	10.0	0.154	2.38	3.9
M358064		1.6	1.1	<0.002	0.02	0.06	0.1	<1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358065		222	139.0	0.002	1.26	4.30	10.9	1	4.8	153.0	0.57	0.11	14.0	0.230	2.17	4.4
M358066		33.4	101.0	<0.002	0.50	4.02	9.1	1	3.0	208	0.67	0.13	11.8	0.223	1.64	3.3
M358067		1310	159.5	0.003	2.92	30.6	8.0	1	5.4	140.5	0.59	0.28	12.3	0.202	2.62	4.9
M358068		27.4	87.4	0.002	0.24	2.77	8.9	1	1.9	354	0.66	0.06	13.7	0.231	1.09	3.8
M358069		30.6	97.3	<0.002	0.29	4.06	9.3	1	2.0	281	0.70	<0.05	13.7	0.233	1.24	3.6
M358070		158.0	130.0	0.003	0.90	5.33	8.6	1	3.3	183.5	0.66	<0.05	13.9	0.216	1.60	3.7
M358071		59.3	118.0	<0.002	0.31	3.61	9.4	1	1.9	273	0.67	<0.05	13.2	0.237	1.55	3.7
M358072		93.7	157.5	<0.002	1.19	7.10	9.7	1	2.6	152.5	0.68	<0.05	14.6	0.228	2.42	4.5
M358073		144.0	214	<0.002	2.20	12.25	9.1	<1	6.6	65.0	0.52	0.07	14.5	0.200	3.13	3.7
M358074		369	145.0	0.002	4.31	48.8	6.9	1	6.9	53.5	0.44	0.35	10.0	0.163	2.61	8.0
M358075		281	178.0	<0.002	2.37	26.7	8.9	2	4.5	56.1	0.57	0.58	13.2	0.209	3.00	7.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194653

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358040		67	1.9	14.4	89	29.9	<1
M358041		63	4.6	13.1	107	28.9	1
M358042		69	3.6	15.3	119	31.9	<1
M358043		57	4.9	9.0	5510	22.3	27
M358044		66	1.6	13.8	141	32.4	<1
M358045		61	3.8	12.3	1360	33.7	20
M358046		69	2.0	15.0	84	42.1	1
M358047		61	4.4	12.7	135	32.3	2
M358048		2	0.1	0.6	14	<0.5	<1
M358049		66	1.6	14.0	89	30.9	<1
M358050		64	3.3	13.4	201	30.8	1
M358051		61	2.2	14.3	62	33.3	1
M358052		68	7.7	13.9	192	37.6	23
M358053		60	1.3	13.4	116	31.8	<1
M358054		60	2.1	14.5	100	29.3	1
M358055		59	1.4	14.7	115	36.6	<1
M358056		43	2.1	10.9	230	17.7	1
M358057		63	1.3	16.0	132	35.9	<1
M358058		62	1.1	15.7	40	46.3	<1
M358059		63	1.1	16.9	44	46.2	<1
M358060		68	1.2	17.9	40	40.4	<1
M358061		53	1.5	15.9	127	29.5	1
M358062		53	1.5	15.0	130	29.9	1
M358063		48	5.2	12.4	390	26.0	5
M358064		2	0.1	0.7	14	<0.5	<1
M358065		63	2.8	15.6	647	31.2	1
M358066		54	2.0	14.2	91	33.1	<1
M358067		55	5.2	10.7	2870	35.7	10
M358068		58	1.1	13.8	63	35.3	<1
M358069		60	1.6	17.2	79	34.7	<1
M358070		64	2.7	15.3	367	32.4	<1
M358071		62	1.8	14.7	122	35.3	<1
M358072		62	5.0	12.4	127	33.8	1
M358073		65	5.5	10.6	384	28.0	2
M358074		51	7.5	11.8	1440	22.7	3
M358075		57	6.4	13.2	526	29.2	2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194653

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194654

Project: Klaza - 110

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL
J TARSWELL	MATT TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

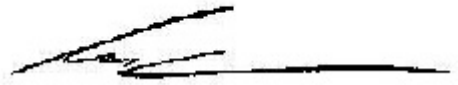
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194654

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358076		2.51	0.267	3.38	7.01	105.5	680	1.38	10.90	0.66	1.93	51.0	6.8	8	10.10	50.3
M358077		2.85	0.124	1.56	7.85	64.6	1220	1.73	7.49	0.99	2.30	57.9	6.5	6	17.35	76.2
M358078		4.36	0.275	4.25	7.60	216	280	1.55	13.45	0.19	2.80	42.9	18.9	8	15.40	68.1
M358079		2.73	<0.005	0.02	0.06	<5	30	0.05	0.04	22.0	0.08	1.15	1.1	<1	0.15	2.3
M358080		2.42	0.133	0.93	7.57	114.5	2130	1.59	2.74	1.42	1.03	49.8	6.7	6	13.50	22.5
M358081		6.05	0.014	0.29	7.80	28.0	2620	1.22	0.63	0.78	0.74	47.0	6.2	7	14.35	13.2
M358082		2.16	0.012	0.25	8.70	26.6	2080	1.26	0.58	0.73	0.54	49.1	6.7	6	14.80	13.3
M358083		7.09	0.030	0.23	7.71	11.5	2360	1.40	0.44	2.23	0.30	39.9	6.5	7	11.80	17.3
M358084		2.54	0.081	0.73	7.40	343	1160	1.52	0.63	2.18	1.67	47.4	6.7	6	19.10	14.3
M358085		4.88	0.383	1.03	7.32	1245	1540	1.45	1.50	2.71	3.60	41.4	6.5	10	15.90	30.1
M358086		2.74	0.174	0.99	7.49	523	920	1.63	1.50	1.94	3.11	48.0	6.2	6	16.20	35.6
M358087		2.67	1.260	3.97	6.19	1395	180	1.24	5.30	2.66	13.60	42.2	5.2	4	10.65	81.9
M358088		3.41	0.132	0.70	7.70	344	2340	1.51	1.17	1.88	1.54	43.6	8.6	8	17.50	17.1
M358089		0.25	4.02	>100	5.30	7830	230	1.07	55.8	1.93	223	28.1	9.0	16	10.55	1255
M358090		4.98	0.028	0.30	7.86	108.5	2210	1.46	0.45	1.72	0.63	44.5	8.2	7	16.10	15.9
M358091		6.44	0.124	0.52	7.18	444	2660	1.39	0.85	2.43	2.06	39.2	6.8	7	16.45	21.0
M358092		2.54	1.665	6.10	6.65	884	160	1.28	13.90	2.32	2.24	35.7	22.5	7	11.25	256
M358093		2.89	0.364	2.73	7.66	291	1330	1.48	3.56	1.15	10.35	61.5	5.8	8	13.20	61.1
M358094		2.11	0.652	5.83	5.99	869	730	1.17	9.19	1.14	30.3	44.1	10.0	7	12.40	82.0
M358095		3.37	<0.005	0.02	0.09	<5	20	0.06	0.03	19.75	0.09	1.26	1.1	<1	0.57	1.9
M358096		2.01	0.270	15.90	6.89	429	490	1.28	57.4	0.62	20.5	52.0	6.3	7	10.05	342
M358097		2.15	0.064	1.47	7.54	108.5	1360	1.53	2.52	1.05	4.15	59.8	6.5	7	16.55	41.1
M358098		3.53	0.008	0.21	7.60	10.3	2250	1.53	0.47	2.84	0.38	51.1	6.5	9	18.85	9.1
M358099		<0.02	0.006	0.16	6.83	9.1	2110	1.54	0.34	2.73	0.34	45.1	6.2	8	18.20	7.0
M358100		3.48	0.016	0.29	7.11	16.5	2130	1.59	0.49	2.37	1.00	47.0	6.5	8	17.35	10.0
M358101		3.05	0.168	1.78	7.13	1235	1360	1.59	2.20	1.65	6.97	53.8	6.5	8	16.25	35.1
M358102		2.57	0.578	1.21	7.27	1835	1960	1.65	1.26	2.37	8.74	48.7	7.2	9	11.70	48.6
M358103		2.49	0.038	0.71	7.75	88.1	1460	1.66	1.10	1.84	2.31	58.2	5.9	8	19.20	24.4
M358104		2.55	1.550	40.2	5.57	1135	840	1.06	125.5	1.00	41.4	45.0	7.8	7	12.70	1090
M358105		4.40	0.052	1.27	7.08	51.3	2040	1.55	3.92	2.15	2.39	56.8	9.0	8	15.25	63.3
M358106		0.26	4.41	>100	5.41	7770	1350	1.17	61.6	1.92	215	34.7	9.2	17	11.90	1250
M358107		3.54	0.013	0.61	6.91	22.3	2410	1.47	2.70	2.42	1.19	57.4	8.1	9	13.15	47.8
M358108		4.07	0.026	0.58	8.08	24.0	1830	1.69	1.75	2.28	3.61	78.4	11.8	8	12.90	9.7
M358109		5.15	0.159	1.65	6.30	152.5	1050	1.40	8.96	1.29	1.11	65.9	16.0	8	13.90	21.4
M358110		2.93	0.064	1.44	6.34	52.8	960	1.49	15.00	1.76	1.58	65.6	11.7	8	13.45	30.6
M358116		7.34	0.033	0.42	7.38	89.9	2300	1.50	1.00	2.23	0.80	50.3	7.3	9	12.00	20.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194654

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358076		7.32	16.50	0.18	1.1	0.420	3.18	26.8	12.4	0.48	549	11.80	0.04	6.6	2.5	510
M358077		3.18	18.00	0.17	1.3	0.579	2.95	33.6	25.3	0.52	786	1.38	0.05	7.7	2.3	600
M358078		6.86	18.00	0.19	1.3	0.346	3.11	22.8	13.8	0.32	286	3.43	0.05	6.9	2.7	570
M358079		0.45	0.29	0.24	<0.1	0.006	0.02	0.6	0.9	13.35	196	0.39	<0.01	0.3	1.8	190
M358080		3.30	18.20	0.19	1.3	0.235	2.07	27.6	48.0	0.66	897	3.41	0.04	8.2	2.5	600
M358081		2.74	17.95	0.18	1.2	0.119	2.41	25.8	41.9	0.38	691	1.05	0.09	8.5	2.1	620
M358082		3.01	19.50	0.18	1.4	0.096	2.54	26.4	44.2	0.38	737	0.94	0.10	9.5	2.4	690
M358083		3.03	17.75	0.18	1.2	0.078	3.02	20.0	14.6	0.71	607	0.79	1.99	8.5	2.3	630
M358084		3.14	16.65	0.18	1.2	0.106	3.01	26.1	17.6	0.87	1700	1.37	0.11	8.0	2.5	570
M358085		3.84	17.10	0.19	1.3	0.411	3.63	21.0	15.1	1.01	2220	2.73	0.07	8.2	2.6	600
M358086		3.40	19.20	0.21	1.2	0.305	2.91	26.3	30.2	0.73	1610	3.20	0.04	8.5	2.5	590
M358087		5.95	16.35	0.20	1.1	0.401	2.80	22.7	10.2	0.93	3580	6.09	0.03	7.0	2.2	470
M358088		3.36	17.95	0.18	1.3	0.209	3.40	22.2	29.3	0.77	1200	1.20	0.08	8.3	2.2	610
M358089		7.71	13.15	0.25	1.0	4.34	2.24	14.4	26.7	0.60	2980	14.75	0.08	5.5	12.3	450
M358090		3.11	18.15	0.17	1.5	0.086	3.08	23.1	29.9	0.64	623	1.50	0.40	9.1	2.4	630
M358091		3.02	17.30	0.16	1.1	0.217	3.01	20.1	41.3	0.85	1520	4.74	0.06	8.0	2.3	600
M358092		8.26	15.35	0.20	1.2	0.549	3.17	18.4	15.8	0.89	1960	14.15	0.06	6.9	2.8	500
M358093		4.80	17.30	0.19	1.2	0.702	3.50	35.4	17.0	0.63	1000	1.78	0.06	8.6	3.1	550
M358094		8.10	16.55	0.20	1.0	1.210	2.64	25.1	13.4	0.51	1180	22.4	0.03	6.3	2.6	410
M358095		0.48	0.35	0.08	<0.1	0.008	0.04	0.6	1.1	12.30	205	0.25	0.01	0.3	2.4	190
M358096		8.21	16.65	0.23	1.3	1.025	3.07	30.0	6.9	0.45	716	6.38	0.03	7.4	2.7	470
M358097		3.77	17.20	0.19	1.4	0.382	3.18	34.6	24.1	0.55	707	1.61	0.14	8.6	2.4	540
M358098		3.01	17.30	0.17	1.5	0.123	3.02	27.3	15.2	0.69	719	2.29	1.65	8.8	2.7	560
M358099		2.81	16.70	0.16	1.5	0.115	2.86	23.0	14.3	0.63	686	2.66	1.55	8.6	2.4	500
M358100		2.79	16.10	0.16	1.2	0.177	2.98	25.0	12.5	0.52	662	2.87	1.32	8.4	2.4	540
M358101		4.41	16.80	0.17	1.3	0.555	3.04	29.8	19.2	0.69	643	3.10	0.56	8.2	2.7	510
M358102		3.30	17.70	0.17	1.2	0.340	3.25	26.8	14.4	0.63	660	2.44	1.34	8.5	2.6	540
M358103		3.39	17.50	0.19	1.5	0.281	3.07	33.4	42.9	0.75	834	2.95	0.26	8.5	2.6	550
M358104		7.39	14.90	0.23	0.9	2.05	2.46	24.8	16.9	0.46	577	61.8	0.03	5.8	2.8	390
M358105		3.62	17.20	0.15	1.2	0.390	3.22	31.1	27.4	0.66	639	1.70	0.59	7.8	2.7	550
M358106		7.93	13.15	0.16	1.1	4.93	2.31	18.3	29.6	0.62	2890	15.85	0.08	6.0	13.7	430
M358107		3.16	16.40	0.16	1.1	0.309	2.81	29.7	12.1	0.72	521	2.76	1.62	7.6	3.0	530
M358108		2.79	15.80	0.17	1.1	0.348	3.38	47.2	13.8	0.95	558	1.52	0.27	6.4	2.2	580
M358109		4.13	16.10	0.18	1.0	0.236	2.84	37.4	14.5	0.61	573	10.15	0.06	6.4	2.9	430
M358110		3.55	14.40	0.19	0.8	0.530	2.66	38.7	23.9	0.84	709	2.29	0.04	5.8	2.3	460
M358116		2.93	17.40	0.17	1.4	0.148	3.22	26.9	23.3	0.60	647	1.72	1.18	8.7	2.7	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194654

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358076		171.0	158.0	<0.002	7.00	22.7	8.8	3	8.3	40.1	0.55	2.11	10.8	0.215	2.37	6.4
M358077		51.2	145.0	<0.002	1.31	24.2	10.0	1	4.4	104.5	0.65	0.53	12.7	0.239	2.12	5.3
M358078		127.0	145.0	<0.002	6.85	14.95	9.7	2	8.9	48.5	0.55	1.08	11.5	0.219	2.09	4.2
M358079		1.9	1.4	<0.002	0.01	0.14	0.2	1	0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M358080		67.8	101.0	<0.002	0.94	17.60	10.7	1	4.2	176.5	0.65	0.43	12.9	0.236	1.64	4.7
M358081		37.5	113.0	<0.002	0.22	23.4	11.1	1	2.1	94.7	0.67	<0.05	13.7	0.255	1.29	3.2
M358082		28.8	115.5	<0.002	0.21	23.8	11.9	1	2.2	87.0	0.74	<0.05	15.1	0.291	1.29	3.1
M358083		21.0	116.5	<0.002	0.07	5.55	9.8	1	2.0	325	0.68	<0.05	11.6	0.259	1.42	3.3
M358084		122.0	147.5	<0.002	0.63	13.80	10.6	1	3.5	114.0	0.63	<0.05	12.6	0.242	2.53	5.3
M358085		180.0	145.0	<0.002	1.57	17.20	10.5	1	5.5	116.5	0.66	<0.05	11.1	0.256	3.11	5.2
M358086		103.5	148.5	<0.002	1.63	16.45	10.8	1	6.6	115.5	0.66	<0.05	13.1	0.247	2.84	4.8
M358087		523	157.0	<0.002	5.53	25.8	8.8	1	11.6	65.0	0.56	0.07	10.5	0.197	3.20	4.4
M358088		104.5	149.0	<0.002	0.86	21.3	10.2	1	3.5	130.5	0.67	<0.05	11.7	0.250	2.31	4.5
M358089		9300	124.0	<0.002	6.92	212	6.7	2	8.3	114.0	0.42	0.44	7.6	0.180	2.00	4.7
M358090		33.6	132.0	<0.002	0.22	11.55	11.0	1	2.6	159.5	0.73	<0.05	13.1	0.263	1.78	4.3
M358091		64.7	119.5	<0.002	0.75	20.0	9.9	1	3.1	142.5	0.64	<0.05	10.9	0.246	2.41	4.2
M358092		216	151.0	<0.002	7.47	74.3	8.4	2	7.0	79.6	0.57	0.52	10.5	0.209	2.44	8.4
M358093		357	187.5	<0.002	2.46	14.90	11.6	1	10.1	73.7	0.68	0.07	15.7	0.245	3.09	4.9
M358094		1140	157.0	<0.002	7.68	40.4	8.3	1	10.8	48.9	0.50	0.56	11.1	0.183	3.03	5.3
M358095		2.5	3.6	<0.002	0.01	0.10	0.5	1	<0.2	33.2	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M358096		581	171.5	<0.002	7.35	89.2	9.3	2	10.1	30.9	0.62	0.63	13.6	0.211	2.96	4.9
M358097		136.5	173.5	<0.002	1.49	16.70	10.7	1	4.2	87.5	0.72	0.06	16.3	0.232	2.60	5.7
M358098		25.0	139.5	<0.002	0.10	4.96	10.6	1	1.9	311	0.72	<0.05	13.7	0.243	1.61	4.6
M358099		23.8	124.5	<0.002	0.08	4.51	9.6	1	1.8	293	0.72	<0.05	11.7	0.227	1.58	4.1
M358100		33.7	137.0	<0.002	0.19	5.65	10.0	1	2.0	236	0.65	<0.05	12.6	0.237	1.59	3.5
M358101		227	156.5	<0.002	1.96	24.8	10.0	1	6.8	125.0	0.66	<0.05	13.7	0.222	2.25	4.7
M358102		105.5	152.5	<0.002	0.89	11.55	10.6	1	4.0	257	0.66	0.05	13.5	0.239	1.81	4.5
M358103		93.4	148.5	<0.002	0.70	10.65	10.7	1	4.1	162.0	0.71	<0.05	15.4	0.231	2.38	5.2
M358104		678	153.5	<0.002	7.45	342	8.2	8	12.5	61.7	0.45	7.42	10.6	0.169	2.51	9.7
M358105		126.5	152.5	<0.002	1.32	12.90	10.3	1	3.7	185.5	0.61	0.21	13.1	0.218	2.32	5.1
M358106		9440	140.0	<0.002	6.88	214	7.3	2	9.0	116.0	0.46	0.54	8.9	0.182	2.14	5.5
M358107		41.9	129.5	<0.002	0.82	4.47	10.3	1	2.4	304	0.60	0.14	13.2	0.209	1.78	4.4
M358108		100.5	192.5	<0.002	1.42	6.89	9.0	1	3.6	95.9	0.53	0.25	14.3	0.198	2.80	4.2
M358109		67.7	155.0	0.003	3.08	16.00	9.1	2	5.6	62.7	0.53	0.44	12.9	0.183	2.29	7.1
M358110		60.3	200	0.002	1.69	12.90	9.2	1	4.7	76.1	0.45	0.91	13.0	0.156	2.55	3.9
M358116		41.6	129.5	<0.002	0.46	11.15	10.3	1	2.2	252	0.69	0.06	13.8	0.241	1.64	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194654

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358076		63	7.2	14.7	260	31.5	3	
M358077		68	3.9	15.2	259	36.2	1	
M358078		68	6.9	14.2	300	36.5	4	
M358079		2	0.1	0.8	17	0.5	<1	
M358080		67	4.7	15.1	98	36.3	1	
M358081		69	5.7	14.8	92	35.3	<1	
M358082		76	7.2	15.9	79	38.5	<1	
M358083		70	2.5	14.9	62	37.3	<1	
M358084		68	5.3	15.0	214	35.9	<1	
M358085		71	4.9	15.1	382	38.5	1	
M358086		66	4.7	13.9	298	35.7	1	
M358087		55	7.5	13.0	1320	31.6	4	
M358088		70	4.1	14.4	150	37.0	<1	
M358089		53	4.2	8.3	>10000	32.4	122	1.580
M358090		71	3.8	15.5	83	42.0	<1	
M358091		69	4.3	13.3	232	34.7	<1	
M358092		61	5.0	12.7	221	33.1	6	
M358093		66	6.4	14.4	844	33.9	2	
M358094		52	7.5	11.2	2230	28.1	6	
M358095		3	0.2	0.8	15	<0.5	<1	
M358096		58	10.2	13.9	1710	37.3	17	
M358097		62	5.3	15.8	345	39.4	1	
M358098		65	4.0	17.0	62	42.4	<1	
M358099		61	4.0	15.5	56	40.8	<1	
M358100		64	4.1	15.5	91	34.2	<1	
M358101		59	6.1	13.1	591	35.9	2	
M358102		64	3.3	15.0	625	35.5	1	
M358103		63	5.0	15.2	225	40.6	1	
M358104		50	8.8	13.4	2800	27.0	44	
M358105		63	2.3	14.7	260	32.7	1	
M358106		52	4.9	9.0	>10000	33.6	126	1.645
M358107		61	1.4	16.2	129	32.3	<1	
M358108		59	2.3	12.6	298	30.3	<1	
M358109		53	4.6	15.6	124	28.8	1	
M358110		51	3.2	15.5	184	22.7	1	
M358116		65	4.4	15.4	101	38.6	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194654

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194655

Project: Klaza - 110

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

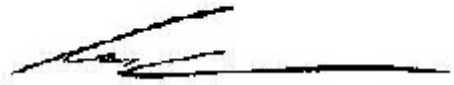
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194655

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358111		3.18	0.023	0.95	5.73	42.0	1570	1.15	3.16	0.55	2.53	38.2	12.7	8	9.76	44.2
M358112		6.13	0.036	1.10	8.14	72.8	1900	1.47	2.09	1.04	2.52	60.8	7.1	8	14.55	26.5
M358113		3.07	0.159	11.10	6.65	149.5	760	1.49	2.72	1.44	88.2	47.9	5.3	7	14.80	54.1
M358114		2.96	<0.005	0.04	0.09	<5	30	0.09	0.02	20.2	0.12	1.72	1.1	<1	0.20	1.4
M358115		6.85	0.009	0.26	8.16	16.0	2450	1.46	0.60	1.24	0.59	53.6	6.6	8	21.7	7.1
M358117		4.65	0.008	0.60	7.64	26.3	1750	1.55	1.37	1.54	2.07	46.7	6.6	7	18.05	12.9
M358118		3.06	0.106	1.51	7.39	117.0	1330	1.61	3.39	2.03	3.87	53.9	4.0	7	19.40	40.6
M358119		3.00	0.218	0.99	8.03	58.1	1800	1.41	2.00	1.23	1.79	54.4	3.8	8	14.10	31.8
M358120		3.72	0.009	0.44	8.48	18.9	2400	1.41	1.07	0.60	1.38	53.1	4.7	7	12.55	17.8
M358121		1.77	0.014	0.49	7.83	20.4	2130	1.34	1.11	0.57	1.33	51.7	6.2	7	12.70	19.3
M358122		2.06	0.204	2.29	7.15	100.5	1850	1.37	2.29	0.90	2.03	55.7	15.1	7	9.55	307
M358123		4.58	0.224	1.24	7.87	700	1850	1.61	2.19	1.45	5.46	61.2	4.4	8	10.25	43.1
M358124		0.25	0.755	9.45	6.56	1705	1660	1.47	6.40	1.83	42.4	49.1	16.7	20	17.05	107.5
M358125		4.75	0.071	0.39	7.62	171.0	2080	1.79	1.01	1.44	0.95	53.9	5.8	7	8.48	22.1
M358126		2.88	0.038	0.21	7.26	17.3	1990	1.59	0.64	0.86	0.38	55.0	6.6	8	13.80	9.6
M358127		3.19	<0.005	0.16	8.33	11.3	2200	1.37	0.47	0.62	0.23	48.8	5.9	7	12.20	8.1
M358128		4.83	0.033	1.54	6.95	61.6	1390	1.51	7.47	1.03	2.26	53.1	20.6	9	13.50	37.1
M358129		3.41	0.041	1.32	8.04	29.9	1620	1.36	7.79	0.84	5.01	55.8	5.2	8	10.90	54.0
M358130		7.61	0.012	0.23	7.11	16.5	1920	1.46	1.34	2.28	0.42	48.2	4.2	10	10.40	5.5
M358131		<0.02	0.013	0.22	7.03	24.6	1900	1.45	0.87	2.31	0.45	45.5	4.3	10	10.20	5.6
M358132		3.23	0.010	0.43	7.58	24.7	2420	1.32	0.71	0.91	0.82	57.6	5.5	8	8.71	8.7
M358133		2.63	0.016	0.61	6.94	26.1	1710	1.48	1.19	2.39	1.63	45.6	4.8	8	11.50	16.4
M358134		3.91	0.006	0.51	7.39	21.0	2700	1.36	0.99	1.60	0.72	46.8	4.5	9	9.81	6.4
M358135		3.04	0.014	0.54	7.31	91.4	2490	1.36	1.25	0.88	0.77	48.4	10.7	8	11.80	67.8
M358136		6.81	0.022	0.36	6.92	10.4	2780	1.35	0.38	1.79	0.76	49.7	5.1	8	9.87	2.7
M358137		3.14	0.008	0.19	7.38	10.4	2020	1.48	0.20	1.10	0.33	58.7	5.6	9	13.00	9.1
M358138		5.08	0.013	0.24	7.86	13.3	2460	1.38	0.60	0.72	0.35	60.0	5.5	8	14.35	10.7
M358139		0.26	0.734	9.75	6.61	1440	550	1.38	6.56	1.92	39.4	43.2	15.2	20	15.00	106.0
M358140		4.16	0.011	0.41	8.31	15.6	2450	1.17	0.75	0.61	0.60	61.7	4.4	10	12.05	13.5
M358141		2.30	0.077	1.03	7.02	62.4	620	1.35	2.62	1.13	2.61	51.0	14.5	8	12.35	48.3
M358142		2.50	<0.005	0.07	0.12	<5	30	0.07	0.04	21.6	0.06	1.36	0.6	<1	0.32	1.5
M358143		2.90	0.015	0.49	7.70	27.7	2340	1.07	2.07	1.75	1.01	44.1	5.0	8	9.74	26.8
M358144		3.93	0.041	0.84	7.62	35.3	1920	1.56	3.01	2.04	2.10	45.2	6.2	8	12.65	67.8
M358145		5.20	0.030	0.18	6.68	12.3	1700	1.70	0.48	3.70	0.45	47.8	6.8	23	13.75	21.0
M358146		4.40	0.126	0.61	7.83	26.7	1850	1.40	2.32	1.99	2.30	47.8	6.2	8	12.85	44.9
M358147		2.77	0.381	4.10	5.78	149.5	740	1.20	16.00	2.90	14.15	38.2	6.3	10	9.48	107.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194655

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358111		3.27	14.25	0.14	0.8	0.382	2.62	22.2	18.2	0.43	630	1.92	0.06	5.1	2.8	380
M358112		3.79	18.50	0.20	1.4	0.226	3.53	34.1	25.5	0.69	646	1.07	0.10	8.8	2.8	590
M358113		5.30	20.1	0.18	1.2	2.69	2.88	26.1	9.2	0.62	962	2.14	0.03	7.4	2.6	450
M358114		0.47	0.34	0.09	<0.1	0.007	0.04	0.9	1.2	12.50	189	0.19	0.01	0.4	2.0	210
M358115		3.63	18.10	0.16	1.4	0.127	3.25	28.5	32.8	0.63	432	0.82	0.35	9.2	2.5	590
M358117		3.59	17.70	0.17	1.2	0.302	3.11	22.7	24.9	0.71	920	0.83	0.07	8.0	2.8	570
M358118		4.26	16.05	0.18	1.1	0.319	3.33	29.8	9.0	0.93	1250	0.78	0.04	7.8	2.6	530
M358119		3.61	17.20	0.16	1.2	0.253	2.96	30.4	25.8	0.63	859	0.80	0.07	8.4	2.4	580
M358120		3.28	17.95	0.16	1.2	0.271	3.10	27.6	21.7	0.41	746	0.53	0.28	8.7	2.2	650
M358121		3.05	17.95	0.17	1.2	0.273	3.05	26.7	22.0	0.38	680	0.64	0.26	8.8	2.5	610
M358122		3.34	16.80	0.18	1.1	0.451	3.56	29.4	14.2	0.48	571	1.21	0.10	7.3	2.7	490
M358123		4.26	17.80	0.19	1.3	0.330	3.04	33.5	17.9	0.58	554	0.69	0.85	8.6	2.8	580
M358124		5.19	15.60	0.19	1.4	0.941	2.82	27.8	22.5	0.68	1840	12.55	0.26	7.9	15.6	480
M358125		3.46	17.60	0.17	1.3	0.176	2.87	28.2	21.0	0.63	423	0.68	1.07	9.3	2.7	600
M358126		2.78	16.35	0.17	1.3	0.165	2.47	29.9	13.1	0.31	386	0.61	1.63	8.6	2.9	530
M358127		2.74	18.90	0.16	1.6	0.080	2.78	25.4	23.6	0.28	507	0.86	0.36	9.6	2.2	610
M358128		3.60	14.95	0.18	1.1	0.326	2.77	29.0	14.2	0.53	687	7.45	0.06	6.2	3.2	500
M358129		2.90	15.90	0.15	1.3	0.211	2.56	27.7	26.1	0.57	478	1.25	0.36	7.2	2.6	610
M358130		2.59	14.50	0.15	1.3	0.116	2.43	24.2	13.6	0.68	446	0.63	1.92	7.1	2.8	560
M358131		2.60	14.60	0.14	1.4	0.118	2.41	21.3	13.8	0.66	442	0.58	1.93	7.1	2.1	550
M358132		2.99	15.65	0.17	1.4	0.113	2.76	29.3	20.5	0.41	613	0.67	0.67	7.9	2.2	580
M358133		3.20	14.65	0.14	1.3	0.187	2.31	19.5	17.8	0.45	595	0.38	1.40	7.1	4.1	540
M358134		2.60	14.95	0.14	1.2	0.144	2.71	21.8	14.8	0.52	543	0.41	1.39	7.3	2.1	610
M358135		2.72	15.15	0.13	1.2	0.122	2.74	23.3	17.0	0.44	484	1.73	0.25	6.6	2.5	540
M358136		2.61	14.75	0.15	1.3	0.052	2.68	23.2	18.8	0.43	479	0.70	0.97	7.4	2.5	530
M358137		2.80	15.25	0.15	1.4	0.053	2.61	30.2	17.6	0.35	495	1.34	1.10	7.9	2.3	580
M358138		2.64	15.65	0.15	1.3	0.084	2.87	28.9	22.2	0.34	423	1.58	0.82	8.0	2.4	610
M358139		5.18	13.90	0.15	1.3	0.848	2.86	20.6	22.7	0.71	2020	11.45	0.26	6.8	14.2	500
M358140		3.07	16.80	0.15	1.2	0.088	2.88	30.2	25.3	0.34	655	1.42	0.09	8.1	2.3	670
M358141		3.14	13.90	0.16	1.0	0.184	3.02	23.6	21.3	0.54	639	1.69	0.06	6.4	2.5	560
M358142		0.47	0.29	0.14	<0.1	0.006	0.05	0.6	1.3	12.95	215	0.16	0.01	0.2	1.6	180
M358143		2.92	13.85	0.15	1.1	0.127	2.80	21.5	38.8	0.70	802	0.55	0.07	6.7	1.6	610
M358144		2.87	15.30	0.15	1.3	0.215	2.77	18.7	44.0	0.75	704	0.71	0.59	6.5	2.5	580
M358145		2.52	16.25	0.14	3.9	0.040	2.58	22.2	37.6	1.17	684	0.96	0.10	9.3	9.9	840
M358146		2.67	14.80	0.14	1.1	0.205	3.00	21.7	30.6	0.68	632	0.50	0.35	6.5	2.0	580
M358147		4.04	11.65	0.14	1.2	0.471	2.62	17.8	16.6	1.07	2240	14.90	0.03	5.1	2.9	420

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194655

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358111		162.5	169.5	<0.002	1.32	13.20	8.7	1	4.8	63.2	0.42	0.10	11.3	0.158	2.17	2.8
M358112		160.0	177.5	<0.002	0.90	9.43	11.4	1	4.6	104.0	0.71	0.05	16.3	0.251	2.34	5.8
M358113		2180	151.5	<0.002	4.38	21.0	9.8	1	19.2	57.0	0.60	0.05	12.8	0.207	2.85	4.8
M358114		3.5	2.0	<0.002	0.01	0.07	0.3	1	<0.2	44.8	<0.05	<0.05	0.2	<0.005	0.02	0.9
M358115		27.2	141.0	<0.002	0.25	9.15	11.8	1	1.9	134.5	0.75	<0.05	14.7	0.261	1.70	3.8
M358117		102.0	127.5	<0.002	0.66	9.87	10.7	1	3.2	84.2	0.66	<0.05	13.1	0.229	2.19	5.0
M358118		183.5	176.5	<0.002	1.91	9.23	10.0	1	4.2	71.7	0.63	0.08	14.5	0.228	3.10	4.6
M358119		89.4	135.0	<0.002	1.01	14.05	10.9	1	4.1	87.5	0.66	<0.05	15.2	0.245	2.14	3.4
M358120		46.8	133.5	<0.002	0.51	15.80	11.8	1	2.6	90.9	0.71	<0.05	15.8	0.269	1.77	3.5
M358121		47.1	134.0	<0.002	0.49	15.50	11.2	1	2.7	89.7	0.71	<0.05	15.5	0.255	1.80	3.9
M358122		75.1	188.5	<0.002	1.64	30.9	10.1	1	3.4	78.1	0.60	0.11	14.4	0.206	2.28	3.9
M358123		156.0	133.0	<0.002	1.70	14.20	10.7	1	4.6	184.5	0.72	<0.05	15.2	0.251	1.73	4.4
M358124		1320	173.0	<0.002	2.99	34.9	9.0	1	6.1	141.5	0.64	0.37	12.8	0.202	2.45	5.4
M358125		38.1	114.0	<0.002	0.44	11.25	11.8	1	3.3	188.0	0.73	<0.05	14.7	0.258	1.32	3.9
M358126		19.8	92.2	<0.002	0.26	17.30	10.4	1	2.9	233	0.71	<0.05	14.4	0.232	1.09	3.7
M358127		19.7	108.0	<0.002	0.10	19.10	10.9	1	2.3	115.0	0.81	<0.05	14.9	0.269	1.20	2.9
M358128		88.2	152.0	0.003	1.85	23.9	8.9	1	3.6	52.2	0.55	0.18	13.4	0.196	2.07	5.9
M358129		48.9	114.5	0.002	0.59	14.25	10.4	1	2.3	107.5	0.65	0.06	16.6	0.254	1.43	5.4
M358130		25.3	95.6	0.002	0.27	3.50	9.8	<1	1.8	324	0.61	<0.05	13.7	0.227	1.12	3.6
M358131		26.4	88.8	<0.002	0.27	3.55	9.4	1	1.8	325	0.65	<0.05	13.6	0.227	1.15	3.3
M358132		34.8	108.0	<0.002	0.49	10.75	10.4	1	2.1	126.5	0.71	0.05	16.5	0.244	1.14	3.5
M358133		78.3	76.7	<0.002	0.94	4.96	9.1	1	2.5	272	0.64	<0.05	13.2	0.229	1.08	3.3
M358134		58.1	93.2	<0.002	0.57	5.90	9.5	<1	2.3	258	0.64	0.06	14.1	0.249	1.18	2.8
M358135		28.1	121.5	<0.002	1.08	19.90	9.7	1	1.8	88.6	0.62	0.05	14.7	0.223	1.43	3.0
M358136		58.3	94.3	<0.002	0.33	9.25	9.9	1	2.0	222	0.64	<0.05	14.0	0.236	1.18	2.8
M358137		23.1	105.0	<0.002	0.10	15.05	10.6	1	2.2	198.0	0.66	<0.05	15.8	0.253	1.00	2.9
M358138		28.2	119.5	<0.002	0.40	14.70	10.3	1	2.6	144.0	0.71	0.06	17.8	0.265	1.34	3.6
M358139		1395	153.5	<0.002	3.10	31.5	8.4	1	5.6	147.5	0.57	0.36	11.7	0.210	2.21	4.6
M358140		35.9	123.0	<0.002	0.55	17.15	12.0	1	2.8	82.4	0.67	0.07	16.9	0.273	1.41	2.6
M358141		78.6	149.5	<0.002	1.98	22.9	9.4	2	3.3	86.8	0.51	0.15	13.5	0.218	1.85	4.7
M358142		1.4	2.2	<0.002	<0.01	0.17	0.4	<1	0.2	38.5	<0.05	<0.05	0.2	<0.005	0.03	0.6
M358143		35.1	97.5	<0.002	0.92	15.50	9.1	1	1.8	146.0	0.58	0.22	13.8	0.252	1.43	3.2
M358144		54.2	119.5	<0.002	0.92	22.2	10.3	<1	2.7	227	0.58	0.14	14.3	0.223	1.97	3.3
M358145		20.1	73.8	<0.002	0.15	16.05	6.8	1	1.5	334	0.70	<0.05	8.6	0.273	1.62	3.5
M358146		39.5	129.0	<0.002	0.80	18.15	9.8	1	2.4	223	0.58	0.14	14.7	0.227	1.88	3.0
M358147		388	152.5	0.002	2.79	41.8	7.3	<1	5.8	66.3	0.46	0.33	11.1	0.166	2.30	7.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12194655

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358111		64	2.6	10.6	308	23.2	1
M358112		67	4.1	16.1	284	38.9	1
M358113		57	6.1	12.6	4830	33.9	12
M358114		2	0.2	1.0	18	0.6	<1
M358115		70	3.0	16.7	76	38.3	<1
M358117		65	3.1	15.1	251	32.3	<1
M358118		63	5.2	14.4	390	28.8	1
M358119		64	5.1	15.3	200	32.5	1
M358120		75	3.0	16.9	137	30.5	<1
M358121		70	3.3	16.5	125	32.2	<1
M358122		75	4.3	15.8	146	29.1	2
M358123		71	9.9	15.8	463	32.6	<1
M358124		56	5.5	11.9	2890	41.1	10
M358125		71	3.5	18.7	114	35.2	<1
M358126		59	3.0	15.2	53	33.1	<1
M358127		69	7.6	15.5	57	46.5	<1
M358128		65	3.6	14.6	234	27.6	1
M358129		71	2.9	16.6	351	29.2	<1
M358130		63	1.7	16.5	64	29.7	<1
M358131		63	1.7	16.2	65	33.2	<1
M358132		68	3.1	17.1	112	31.9	<1
M358133		65	2.0	14.3	156	29.6	<1
M358134		72	1.8	13.9	103	25.8	<1
M358135		85	2.2	14.0	89	27.0	<1
M358136		66	2.4	15.8	132	30.7	<1
M358137		70	5.0	17.4	55	31.9	<1
M358138		73	4.1	18.8	68	31.5	<1
M358139		59	4.9	10.7	3050	34.9	9
M358140		80	5.7	19.1	94	27.8	<1
M358141		65	3.5	15.5	230	24.0	1
M358142		2	0.2	0.9	12	0.5	<1
M358143		69	2.3	13.0	121	25.4	<1
M358144		74	3.2	15.6	161	28.3	<1
M358145		68	2.6	12.2	83	127.5	<1
M358146		69	2.0	13.7	194	25.7	<1
M358147		54	3.7	12.3	1200	29.7	4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194655

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12194656

Project: Klaza - 111

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH MATT TURNER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

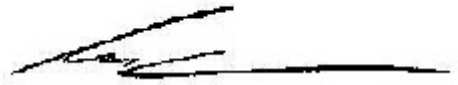
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12194656

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359001		7.84	<0.005	0.14	7.97	6.6	2440	1.26	0.20	2.25	0.10	45.5	7.4	9	10.25	7.1
M359002		2.16	<0.005	0.17	7.62	6.5	2460	1.30	0.34	1.63	0.08	41.5	5.9	9	12.00	22.6
M359003		4.57	<0.005	0.18	7.19	6.3	2350	1.31	0.51	2.81	0.07	40.6	4.9	9	10.75	31.8
M359004		3.89	<0.005	0.20	7.43	8.1	2280	1.43	0.22	2.37	0.08	47.5	6.3	9	13.75	25.9
M359005		<0.02	<0.005	0.15	7.40	6.5	2290	1.51	0.19	2.39	0.07	40.1	5.9	8	13.20	22.5
M359006		2.51	<0.005	0.15	7.50	20.6	2460	1.27	0.20	1.68	0.11	41.4	6.4	7	15.30	25.8
M359007		3.98	0.067	0.43	7.12	57.8	2690	1.46	0.25	2.02	0.27	39.0	6.9	7	19.65	20.0
M359008		3.51	0.023	0.27	7.03	97.1	2550	1.36	0.23	1.94	0.23	40.7	8.2	7	16.40	20.3
M359009		6.53	0.006	0.25	7.47	51.8	3310	1.51	0.36	1.93	0.54	45.1	11.1	7	15.85	34.7
M359010		1.72	0.078	0.40	8.18	88.5	3130	1.46	0.18	0.64	1.35	45.2	8.1	8	17.75	9.3
M359011		4.85	0.007	0.13	8.26	30.0	2470	1.47	0.17	0.54	1.17	45.1	6.4	7	13.65	8.6
M359012		5.52	<0.005	1.17	8.13	89.4	2340	1.72	0.38	0.52	6.55	51.6	12.4	9	15.75	60.4
M359013		2.52	<0.005	0.06	0.07	<5	30	0.07	0.06	21.9	0.07	1.41	0.6	<1	0.15	2.8
M359014		4.71	0.007	0.34	7.53	77.3	2340	1.71	0.19	1.60	0.90	36.2	7.4	7	27.7	7.3
M359015		2.00	0.006	0.47	7.49	60.4	2250	1.59	0.18	1.70	0.85	36.0	8.2	6	26.0	8.3
M359016		3.16	<0.005	0.13	7.48	153.5	670	1.30	0.11	2.16	3.89	60.1	10.1	41	20.9	11.5
M359017		3.56	0.258	3.86	7.22	320	2260	1.62	0.14	2.34	3.27	43.8	7.0	7	18.45	11.8
M359018		0.26	0.842	9.99	6.88	1860	1780	1.52	6.68	1.97	39.2	41.5	15.2	19	15.55	107.0
M359019		3.39	<0.005	0.13	7.54	17.8	2380	1.46	0.12	2.67	0.14	47.0	7.1	9	11.85	5.1
M359020		4.28	0.010	0.13	7.54	26.5	2430	1.57	0.13	2.89	0.13	44.8	7.2	9	13.65	5.9
M359021		1.96	0.399	0.81	7.06	691	3090	1.25	0.20	2.21	8.07	38.3	7.3	8	13.25	7.9
M359022		4.16	<0.005	0.13	7.58	14.4	2070	1.25	0.22	1.71	0.26	43.9	7.4	8	12.20	5.6
M359023		2.02	<0.005	0.03	0.10	<5	30	0.05	0.04	21.4	0.07	1.26	0.5	<1	0.17	1.9
M359024		7.59	<0.005	0.11	7.85	13.2	2370	1.55	0.18	2.20	0.28	45.2	7.0	9	12.05	7.2
M359025		2.38	0.005	0.37	6.69	96.6	6070	1.51	0.46	2.34	1.16	32.9	6.6	9	15.35	46.0
M359026		4.26	<0.005	0.09	6.85	10.8	3380	1.48	0.20	2.20	0.54	31.2	6.4	6	23.0	8.9
M359027		0.26	0.797	10.05	6.91	1940	1090	1.60	6.69	2.03	40.3	42.0	15.6	21	16.25	111.5
M359028		4.15	<0.005	0.21	6.64	22.8	1140	1.86	0.14	2.02	0.61	29.7	6.9	7	23.5	6.0
M359029		3.23	0.008	0.75	6.07	91.4	1160	1.19	0.14	2.10	1.18	35.7	6.6	6	11.00	13.0
M359030		2.83	0.185	62.0	6.81	1120	1090	1.27	0.17	3.08	52.8	50.2	8.3	6	11.45	65.9
M359031		4.89	0.010	0.97	8.10	142.5	2230	1.39	0.21	1.28	3.24	41.2	6.4	9	21.4	6.7
M359032		3.98	0.006	0.51	7.37	62.4	1850	1.24	0.21	1.27	1.01	30.8	6.5	7	19.55	5.5
M359033		6.69	0.034	0.24	6.33	173.0	6700	1.56	0.30	1.16	1.32	23.3	7.9	7	18.70	23.5
M359034		2.79	<0.005	0.12	6.88	25.6	1820	1.25	0.27	1.92	0.45	33.6	7.1	7	22.5	10.3
M359035		7.26	<0.005	0.08	7.32	11.0	2270	1.31	0.26	2.47	0.16	40.9	7.9	8	27.4	7.9
M359036		2.64	<0.005	0.12	7.46	9.1	2200	1.60	0.24	1.86	0.23	46.8	7.8	8	29.1	8.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12194656

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359001		3.07	17.50	0.15	1.3	0.037	2.80	23.7	15.9	0.74	842	0.79	2.06	8.9	2.7	640
M359002		3.06	16.60	0.08	1.6	0.061	3.01	19.0	19.3	0.48	738	0.98	1.22	8.5	4.0	640
M359003		2.92	15.80	0.12	1.5	0.067	2.91	19.8	10.2	0.65	865	0.95	1.86	7.6	3.1	610
M359004		2.95	16.80	0.12	1.3	0.067	3.05	22.0	12.5	0.54	1360	0.85	1.75	7.9	2.8	620
M359005		2.94	16.10	0.10	1.3	0.056	3.09	19.1	11.7	0.53	1380	0.82	1.78	7.7	2.4	610
M359006		3.05	16.70	0.11	1.4	0.067	3.32	19.6	14.8	0.31	1020	0.94	1.37	7.7	2.5	610
M359007		2.89	16.65	0.09	1.4	0.054	3.51	18.5	17.1	0.30	1380	1.06	0.88	8.0	2.5	590
M359008		2.82	15.80	0.11	1.4	0.059	3.65	17.8	31.0	0.49	1780	1.38	0.11	7.7	2.6	590
M359009		3.24	16.50	0.12	1.3	0.069	3.76	21.2	28.6	0.41	1800	1.36	0.47	8.1	2.6	620
M359010		3.46	18.65	0.15	1.5	0.042	3.53	21.8	23.6	0.31	6720	1.44	0.78	9.0	2.8	640
M359011		3.10	18.40	0.13	1.4	0.058	3.78	21.4	25.9	0.16	5250	1.67	0.13	8.9	2.8	690
M359012		3.81	17.65	0.13	1.3	0.067	4.12	24.8	24.7	0.29	11800	1.37	0.56	8.1	3.2	650
M359013		0.49	0.23	<0.05	<0.1	0.011	0.02	0.7	1.2	13.10	240	0.17	0.01	0.1	2.1	180
M359014		3.07	17.40	0.10	1.3	0.048	3.72	16.4	61.4	0.29	2560	0.89	0.42	8.2	3.1	630
M359015		3.06	17.20	0.11	1.4	0.043	3.70	15.6	54.5	0.31	2320	0.85	0.49	8.0	2.8	620
M359016		3.57	18.45	0.09	4.3	0.043	1.23	25.6	100.0	0.67	2670	1.32	0.03	10.5	15.9	1630
M359017		3.05	15.95	0.11	1.3	0.037	2.96	20.9	19.9	0.52	3110	1.12	1.26	7.5	2.9	600
M359018		5.34	14.70	0.10	1.4	0.835	2.91	19.9	23.2	0.72	2060	12.25	0.27	7.2	15.4	530
M359019		3.04	17.30	0.10	1.3	0.038	2.75	21.3	18.3	0.84	827	0.94	2.37	8.2	2.8	610
M359020		3.04	17.70	0.11	1.4	0.039	2.81	19.3	16.5	0.70	1340	1.03	2.40	8.4	2.7	640
M359021		3.18	16.70	0.08	1.4	0.036	3.31	17.2	28.3	0.55	4450	0.92	0.27	8.1	2.7	610
M359022		3.15	16.95	0.11	1.4	0.039	2.95	20.2	19.4	0.47	1080	1.04	1.23	8.6	2.5	630
M359023		0.49	0.27	<0.05	<0.1	0.005	0.04	0.6	1.2	12.80	230	0.11	0.01	0.2	1.5	180
M359024		3.12	17.80	0.10	1.4	0.036	3.04	21.1	17.1	0.72	665	0.80	2.08	8.6	2.8	640
M359025		3.20	17.35	0.11	1.4	0.071	2.91	14.8	29.5	0.20	1370	1.55	0.78	9.0	2.5	620
M359026		2.93	17.00	0.10	1.2	0.031	2.93	14.8	92.9	0.38	892	0.64	0.27	7.9	2.5	620
M359027		5.36	15.55	0.11	1.4	0.876	2.99	19.7	24.6	0.73	2120	12.50	0.28	7.3	15.8	530
M359028		2.66	16.65	0.08	1.3	0.038	2.07	13.9	219	0.51	1210	0.63	0.06	8.0	2.3	600
M359029		2.43	13.30	0.08	1.0	0.031	1.46	17.4	91.3	0.61	1660	0.99	0.03	6.3	2.4	470
M359030		3.14	14.75	0.12	1.1	0.031	2.26	25.6	56.8	0.98	2400	1.15	0.04	6.6	2.7	540
M359031		3.05	17.10	0.10	1.4	0.034	2.80	19.0	57.7	0.44	1240	1.25	0.09	8.4	2.4	680
M359032		2.84	15.80	0.09	1.3	0.032	3.16	14.2	46.5	0.45	2020	0.87	0.10	7.4	2.3	610
M359033		2.95	16.80	0.07	1.2	0.044	2.51	10.4	100.0	0.29	1280	3.93	0.07	7.7	3.1	590
M359034		2.74	16.35	0.09	1.2	0.032	2.57	15.5	78.9	0.55	907	2.62	0.20	7.9	2.4	600
M359035		2.98	15.85	0.08	1.2	0.038	2.62	18.8	17.7	0.59	667	1.55	1.95	7.7	2.5	640
M359036		2.97	17.55	0.10	1.2	0.036	2.84	21.1	45.2	0.51	787	1.23	0.85	8.1	2.5	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12194656

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359001		16.9	96.2	<0.002	0.02	3.86	10.4	1	2.2	369	0.67	<0.05	11.1	0.273	1.12	1.8
M359002		18.3	118.0	<0.002	0.01	9.68	10.2	1	2.6	177.0	0.74	0.06	11.6	0.274	1.48	2.6
M359003		16.4	116.0	<0.002	0.06	4.19	9.6	1	2.0	302	0.67	<0.05	11.4	0.255	1.37	2.3
M359004		18.8	128.0	<0.002	0.05	5.71	10.4	<1	2.4	281	0.61	<0.05	12.0	0.255	1.52	2.6
M359005		18.5	122.0	<0.002	0.05	5.51	10.0	<1	2.2	287	0.65	<0.05	11.5	0.258	1.52	2.5
M359006		17.6	134.0	<0.002	0.05	13.30	10.1	1	1.9	184.0	0.66	<0.05	11.7	0.268	1.67	2.9
M359007		28.0	147.5	0.002	0.19	17.70	9.8	1	1.8	163.0	0.63	<0.05	10.9	0.250	2.10	3.2
M359008		17.4	143.0	0.003	0.25	50.0	9.5	2	1.9	118.0	0.66	<0.05	11.0	0.244	2.26	3.8
M359009		23.5	171.5	<0.002	0.12	22.9	10.1	2	1.9	134.5	0.62	<0.05	11.7	0.249	2.29	3.6
M359010		73.9	165.0	<0.002	0.05	26.9	11.5	<1	1.8	163.0	0.75	<0.05	14.5	0.274	2.20	5.0
M359011		15.8	182.0	<0.002	0.01	20.1	12.2	1	2.0	72.5	0.70	<0.05	13.7	0.282	2.34	3.7
M359012		86.9	185.5	<0.002	0.07	28.5	11.4	1	1.9	138.5	0.69	<0.05	14.3	0.269	2.82	6.0
M359013		2.9	1.3	<0.002	0.04	0.31	0.2	<1	0.2	52.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359014		28.2	158.5	<0.002	0.07	24.1	10.4	1	1.8	138.0	0.64	<0.05	10.4	0.274	2.49	3.4
M359015		29.0	151.5	<0.002	0.08	23.6	10.0	1	1.9	147.0	0.66	<0.05	10.3	0.267	2.43	3.2
M359016		15.3	37.6	0.002	0.04	69.7	8.3	<1	1.3	640	0.68	<0.05	6.6	0.446	0.97	5.1
M359017		69.0	116.5	<0.002	0.44	35.7	9.8	1	2.2	254	0.60	<0.05	11.5	0.250	1.92	2.9
M359018		1420	155.5	0.003	3.29	33.5	8.5	1	6.0	154.5	0.61	0.36	11.3	0.211	2.55	5.0
M359019		21.9	97.2	<0.002	0.02	1.80	10.7	1	1.7	405	0.65	<0.05	11.8	0.264	1.18	2.7
M359020		20.0	98.0	<0.002	0.02	3.44	10.6	1	1.9	393	0.67	<0.05	10.6	0.271	1.20	2.5
M359021		56.2	121.5	0.002	0.98	25.0	9.9	1	2.4	99.9	0.67	<0.05	10.5	0.259	1.94	3.0
M359022		22.9	118.5	<0.002	0.09	11.65	10.7	<1	1.8	187.5	0.74	<0.05	11.9	0.270	1.39	3.0
M359023		1.7	1.7	<0.002	0.04	0.24	0.3	<1	<0.2	39.7	<0.05	<0.05	0.2	<0.005	0.02	0.4
M359024		20.5	116.0	<0.002	0.01	5.87	10.7	1	1.8	322	0.69	<0.05	12.0	0.272	1.40	2.6
M359025		31.3	131.0	<0.002	0.14	35.0	10.4	1	2.0	261	0.76	<0.05	8.7	0.287	1.93	3.2
M359026		20.8	105.0	<0.002	0.05	24.8	9.2	<1	1.4	264	0.63	<0.05	9.1	0.253	1.57	2.5
M359027		1440	153.5	<0.002	3.31	35.0	8.9	1	6.2	154.0	0.62	0.28	11.3	0.215	2.73	5.3
M359028		18.9	66.5	<0.002	0.11	27.3	9.3	1	1.5	233	0.70	<0.05	8.9	0.251	1.56	3.4
M359029		41.3	47.5	<0.002	0.20	49.7	8.4	1	1.3	165.0	0.53	0.05	9.3	0.211	1.11	5.0
M359030		1175	112.5	<0.002	1.14	231	9.9	<1	3.8	166.5	0.53	<0.05	12.6	0.223	1.69	6.8
M359031		84.1	110.0	<0.002	0.12	36.7	10.7	<1	1.8	109.5	0.74	<0.05	12.1	0.281	1.72	3.9
M359032		44.2	113.0	<0.002	0.31	22.2	9.5	<1	1.5	91.2	0.69	<0.05	10.1	0.266	1.94	4.9
M359033		35.2	87.4	<0.002	0.17	47.9	9.7	<1	1.7	170.5	0.63	<0.05	7.5	0.262	1.72	3.6
M359034		18.6	76.7	<0.002	0.05	19.10	9.6	1	1.6	141.5	0.62	<0.05	9.1	0.261	1.53	4.3
M359035		21.5	101.5	<0.002	0.02	9.30	10.5	1	1.8	312	0.62	<0.05	10.0	0.273	1.33	2.6
M359036		23.2	111.5	0.002	0.03	16.45	10.5	<1	1.8	174.5	0.66	<0.05	11.2	0.259	1.50	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12194656

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359001		73	2.3	15.9	57	34.2	<1
M359002		76	3.0	16.2	54	33.5	<1
M359003		70	2.0	15.5	53	30.0	<1
M359004		71	2.7	16.4	56	31.5	<1
M359005		72	2.7	15.6	57	29.2	<1
M359006		74	2.2	15.0	58	31.4	1
M359007		70	2.6	14.7	75	32.5	1
M359008		71	4.2	14.7	90	32.5	1
M359009		70	3.0	16.4	102	31.8	<1
M359010		77	3.4	16.8	159	34.0	1
M359011		79	4.1	18.5	225	32.3	<1
M359012		76	3.9	20.1	647	29.5	1
M359013		2	0.1	1.0	20	<0.5	<1
M359014		77	2.1	13.5	193	30.6	<1
M359015		75	1.9	13.1	172	30.8	<1
M359016		94	1.7	15.1	690	152.0	<1
M359017		70	2.1	15.4	456	31.1	4
M359018		61	4.9	11.7	3050	34.1	9
M359019		74	0.6	17.8	59	30.1	1
M359020		77	0.8	16.4	60	31.5	<1
M359021		72	5.2	14.8	441	31.1	<1
M359022		74	2.6	16.9	79	31.7	<1
M359023		3	0.1	0.9	16	0.5	<1
M359024		75	1.4	17.0	75	30.8	<1
M359025		80	2.7	14.8	251	29.0	<1
M359026		69	2.2	13.0	95	28.1	<1
M359027		62	5.1	12.0	3140	34.6	11
M359028		71	2.1	13.2	98	28.6	<1
M359029		62	2.1	13.5	164	23.8	1
M359030		65	4.6	16.1	3210	24.1	60
M359031		80	3.4	16.0	310	31.1	1
M359032		74	3.0	12.4	152	26.8	1
M359033		75	3.3	11.0	268	28.3	<1
M359034		74	1.6	14.4	100	26.6	<1
M359035		76	1.1	15.6	60	24.8	<1
M359036		72	1.4	17.2	70	28.3	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 111

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12194656

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

CERTIFICATE WH12195693

Project: KLAZA

P.O. No.:

This report is for 30 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

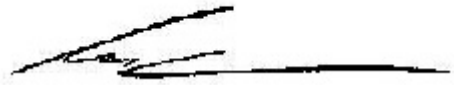
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12195693

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ50601		0.17	0.060	2.6	1.50	15	<10	670	0.6	2	0.23	1.9	3	11	418	1.79
ZZ50602		0.25	0.079	1.1	1.38	29	<10	300	<0.5	3	0.19	0.8	6	17	194	2.95
ZZ50603		0.46	0.032	0.7	1.29	14	<10	290	<0.5	<2	0.17	<0.5	4	16	142	2.10
ZZ50604		0.23	0.039	2.4	2.68	25	<10	290	0.7	<2	0.20	0.8	5	33	146	3.88
ZZ50605		0.28	NSS	0.9	1.12	35	<10	410	0.5	2	0.33	0.6	6	17	219	3.33
ZZ50606		0.24	0.920	2.7	1.62	22	<10	690	0.6	<2	0.38	<0.5	5	13	226	3.07
ZZ50607		0.34	0.033	1.1	1.06	42	<10	410	0.5	<2	0.23	1.1	9	11	159	3.68
ZZ50608		0.31	0.028	0.7	1.09	23	<10	480	<0.5	<2	0.28	1.1	6	17	77	2.23
ZZ50609		0.27	0.016	1.0	1.50	31	<10	650	0.8	<2	0.25	0.9	7	20	109	2.89
ZZ50610		0.34	0.041	0.8	1.32	20	<10	300	<0.5	<2	0.57	1.0	7	16	151	2.47
ZZ50611		0.35	0.115	1.1	1.33	45	<10	450	0.6	<2	0.47	0.6	11	15	214	3.66
ZZ50612		0.34	0.033	0.6	1.58	22	<10	400	0.5	<2	0.39	<0.5	7	25	102	3.09
ZZ50613		0.25	0.014	0.4	1.18	9	<10	250	<0.5	2	0.33	<0.5	6	16	24	2.22
ZZ50614		0.35	0.014	0.2	1.34	11	<10	200	<0.5	<2	0.35	<0.5	6	20	21	2.29
ZZ50615		0.24	<0.005	<0.2	0.22	<2	<10	20	<0.5	<2	0.19	<0.5	4	5	2	2.08
ZZ50616		0.25	<0.005	0.2	1.02	4	<10	180	<0.5	<2	0.42	<0.5	4	13	16	1.71
ZZ50617		0.29	0.007	0.2	1.45	10	<10	220	<0.5	<2	0.33	<0.5	6	20	23	2.29
ZZ50618		0.25	0.032	0.7	1.33	14	<10	230	<0.5	<2	0.39	<0.5	5	16	24	1.99
ZZ50619		0.29	0.017	0.6	1.10	12	<10	230	<0.5	2	0.22	<0.5	6	18	23	2.13
ZZ50620		0.31	0.015	0.7	1.46	11	<10	210	<0.5	<2	0.22	<0.5	5	23	34	2.18
ZZ50641		0.21	<0.005	0.2	1.17	12	<10	210	<0.5	<2	1.11	<0.5	8	21	34	2.13
ZZ50642		0.28	<0.005	0.4	2.57	18	<10	90	<0.5	<2	0.50	<0.5	19	21	41	4.27
ZZ50643		0.15	<0.005	0.3	0.51	2	<10	30	<0.5	<2	0.10	0.5	3	5	11	1.11
ZZ50644		0.32	<0.005	0.2	0.90	6	<10	80	<0.5	<2	0.28	<0.5	4	13	11	1.78
ZZ50645		0.25	0.007	0.5	1.65	22	<10	90	<0.5	<2	0.18	<0.5	7	19	20	2.03
ZZ50646		0.40	0.022	0.5	1.77	20	<10	150	<0.5	<2	0.29	1.0	10	24	37	2.62
ZZ50647		0.48	0.049	0.4	1.46	21	<10	150	<0.5	<2	0.28	1.4	8	23	24	2.43
ZZ50648		0.21	0.116	0.5	0.96	14	<10	140	<0.5	<2	0.72	<0.5	6	14	27	1.91
ZZ50649		0.28	0.162	0.6	1.44	28	<10	200	<0.5	<2	0.54	<0.5	10	20	32	2.68
ZZ50650		0.33	0.020	0.2	1.28	20	<10	160	<0.5	<2	0.64	<0.5	8	15	19	2.43

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12195693

Sample Description	Method	ME-ICP41	Hg-CV41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	0.01	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50601		<10	0.18	0.08	20	0.16	142	7	0.03	6	780	34	0.03	2	2	31
ZZ50602		10	0.04	0.12	10	0.31	260	11	0.02	7	590	39	0.05	5	2	28
ZZ50603		<10	0.07	0.09	10	0.30	174	5	0.02	8	320	24	0.01	3	3	18
ZZ50604		10	0.10	0.12	10	0.50	248	7	0.01	13	420	33	0.02	2	4	21
ZZ50605		<10	0.06	0.12	20	0.35	283	16	0.02	9	570	45	0.02	8	4	28
ZZ50606		<10	0.26	0.14	10	0.24	269	10	0.02	7	1040	39	0.04	4	4	48
ZZ50607		<10	0.08	0.11	10	0.31	247	19	0.02	7	680	50	0.04	3	3	33
ZZ50608		<10	0.07	0.07	10	0.28	394	4	0.02	9	660	31	0.01	2	3	26
ZZ50609		10	0.07	0.09	20	0.26	394	6	0.01	12	690	43	0.01	7	3	24
ZZ50610		<10	0.13	0.08	10	0.44	345	3	0.02	8	710	41	0.02	5	4	64
ZZ50611		<10	0.12	0.11	20	0.51	632	6	0.02	10	880	90	0.02	8	6	53
ZZ50612		10	0.10	0.08	20	0.46	321	3	0.02	13	600	23	0.02	4	4	38
ZZ50613		<10	0.06	0.06	10	0.35	297	2	0.02	7	630	10	0.02	2	3	27
ZZ50614		10	0.05	0.05	10	0.37	251	1	0.02	8	520	11	0.01	<2	3	28
ZZ50615		<10	0.01	0.02	<10	0.05	93	1	0.04	1	570	<2	<0.01	<2	<1	15
ZZ50616		<10	0.08	0.04	10	0.25	248	2	0.03	6	690	5	0.05	<2	2	32
ZZ50617		<10	0.05	0.05	10	0.41	364	2	0.02	9	740	8	0.03	<2	3	28
ZZ50618		<10	0.11	0.06	10	0.32	259	2	0.03	7	730	11	0.04	<2	3	32
ZZ50619		<10	0.05	0.06	10	0.34	428	2	0.02	7	470	26	0.01	2	2	20
ZZ50620		10	0.08	0.07	10	0.38	343	3	0.01	11	480	22	<0.01	2	3	17
ZZ50641		<10	0.08	0.04	10	0.36	921	3	0.02	11	930	7	0.07	<2	3	54
ZZ50642		10	0.03	0.09	10	1.16	479	3	0.04	12	590	18	0.01	<2	5	35
ZZ50643		<10	0.03	0.03	<10	0.05	114	1	0.04	3	260	<2	<0.01	<2	1	13
ZZ50644		<10	0.01	0.04	10	0.20	162	1	0.03	6	390	3	<0.01	<2	1	17
ZZ50645		<10	0.05	0.06	10	0.34	268	1	0.01	17	410	22	0.01	<2	2	15
ZZ50646		<10	0.03	0.08	10	0.60	520	1	0.01	15	490	47	0.01	<2	4	21
ZZ50647		<10	0.02	0.07	10	0.54	444	1	0.01	12	410	61	0.01	<2	4	21
ZZ50648		<10	0.06	0.04	10	0.34	272	<1	0.02	6	720	12	0.07	<2	3	38
ZZ50649		<10	0.05	0.07	10	0.55	537	2	0.02	13	580	25	0.03	<2	4	40
ZZ50650		<10	0.04	0.06	10	0.43	332	1	0.02	7	580	7	0.03	<2	4	38

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12195693

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50601		<20	0.02	<10	<10	31	<10	84
ZZ50602		<20	0.04	<10	<10	55	<10	103
ZZ50603		<20	0.04	<10	<10	40	<10	70
ZZ50604		<20	0.06	<10	<10	72	<10	130
ZZ50605		<20	0.04	<10	<10	49	<10	139
ZZ50606		<20	0.02	<10	<10	56	<10	118
ZZ50607		<20	0.03	<10	<10	51	<10	183
ZZ50608		<20	0.04	<10	<10	40	<10	124
ZZ50609		<20	0.04	<10	<10	55	<10	91
ZZ50610		<20	0.05	<10	<10	52	<10	118
ZZ50611		<20	0.05	<10	<10	64	<10	155
ZZ50612		<20	0.05	<10	<10	59	<10	68
ZZ50613		<20	0.05	<10	<10	50	<10	57
ZZ50614		<20	0.06	<10	<10	57	<10	41
ZZ50615		<20	0.11	<10	<10	79	<10	29
ZZ50616		<20	0.05	<10	<10	46	<10	30
ZZ50617		<20	0.06	<10	<10	56	<10	40
ZZ50618		<20	0.04	<10	<10	41	<10	51
ZZ50619		<20	0.05	<10	<10	45	<10	63
ZZ50620		<20	0.05	<10	<10	44	<10	63
ZZ50641		<20	0.06	<10	<10	47	<10	37
ZZ50642		<20	0.21	<10	<10	117	<10	72
ZZ50643		<20	0.06	<10	<10	35	<10	15
ZZ50644		<20	0.08	<10	<10	49	<10	34
ZZ50645		<20	0.06	<10	<10	41	<10	63
ZZ50646		<20	0.08	<10	<10	57	<10	229
ZZ50647		<20	0.09	<10	<10	54	<10	234
ZZ50648		<20	0.08	<10	<10	59	<10	64
ZZ50649		<20	0.08	<10	<10	67	<10	94
ZZ50650		<20	0.07	<10	<10	62	<10	46

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-SEP-2012
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH12195693

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197781

Project: Klaza - 110

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197781

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358149		3.68	0.330	1.44	7.18	77.0	1290	1.60	5.24	1.79	2.53	60.0	7.6	7	14.45	15.0
M358150		5.96	0.186	1.12	7.28	46.1	1170	1.49	2.88	2.35	4.37	59.0	7.2	8	11.95	14.9
M358151		3.93	0.111	1.06	7.12	31.4	900	1.29	3.35	1.94	2.66	56.9	7.9	6	8.95	25.4
M358152		7.69	0.042	1.49	7.23	19.4	1460	1.31	7.56	1.83	4.79	61.6	7.9	7	11.45	31.5
M358153		5.17	0.115	1.09	7.40	24.5	1200	1.31	2.37	1.63	5.38	61.3	8.3	6	9.81	36.9
M358154		2.47	0.061	0.90	8.32	25.4	1380	1.22	1.85	0.79	3.59	52.4	7.2	7	9.34	36.5
M358155		5.14	1.495	2.76	7.82	652	330	1.16	7.43	1.48	1.77	62.8	4.0	6	11.85	202
M358156		0.26	4.39	>100	5.65	6940	170	1.10	58.7	2.05	241	33.7	8.6	18	11.20	1410
M358157		3.03	0.893	3.43	6.72	599	650	1.31	5.01	1.85	21.3	41.5	18.6	6	16.65	150.5
M358158		5.18	0.061	0.43	7.55	47.5	1910	1.20	1.38	1.96	0.74	51.5	5.4	7	14.70	14.5
M358159		3.20	1.400	2.77	6.85	2100	270	1.29	8.53	2.11	3.01	46.8	7.1	7	12.45	49.5
M358160		2.93	<0.005	0.03	0.17	7	30	0.18	0.04	20.7	0.08	2.17	1.9	<1	0.57	4.1
M358161		3.57	0.064	0.71	7.18	51.0	1770	1.33	1.54	2.30	2.42	44.6	4.3	7	10.50	38.9
M358162		5.98	0.011	0.29	7.65	43.3	2370	1.27	0.83	1.97	1.05	53.9	3.2	8	12.10	16.9
M358163		2.59	0.375	0.80	7.02	649	1000	1.20	1.79	1.93	1.06	53.4	11.2	7	8.79	31.8
M358164		3.35	0.020	0.13	8.05	23.2	2070	1.16	0.45	1.35	0.21	54.9	3.8	9	10.90	15.7
M358165		1.60	0.009	0.15	7.92	19.6	1890	1.22	0.55	1.37	0.21	54.9	3.8	9	12.35	16.4
M358166		3.31	0.016	0.36	7.75	45.6	2310	1.07	0.85	1.60	0.35	44.0	6.7	8	11.75	25.6
M358167		3.86	0.086	0.24	7.05	87.5	1910	1.16	0.50	2.35	0.54	41.1	3.6	7	9.22	18.6
M358168		3.14	0.054	0.95	8.13	48.3	2150	1.56	2.86	1.79	1.50	47.3	4.9	7	12.05	41.6
M358169		0.26	2.32	24.4	5.62	3160	380	1.11	18.65	2.08	72.6	38.7	10.4	17	12.80	402
M358170		5.62	0.011	0.47	7.76	23.6	2210	1.26	0.83	1.74	0.92	47.0	3.8	10	12.40	23.7
M358171		4.12	0.028	0.34	7.69	21.3	2230	1.36	0.82	2.32	1.23	41.5	3.1	8	13.05	16.0
M358172		6.19	0.288	1.58	7.43	188.0	700	1.47	3.25	2.19	11.65	43.5	7.6	8	12.90	73.9
M358173		2.87	<0.005	<0.01	0.08	<5	30	0.06	0.02	21.6	0.08	1.36	1.5	<1	0.17	2.1
M358174		6.70	3.18	1.67	6.02	271	340	0.99	3.92	1.66	1.55	36.0	33.4	8	9.79	26.3
M358175		3.13	0.252	1.78	7.89	119.0	240	1.46	4.76	2.03	2.69	49.9	20.5	7	16.85	97.5
M358176		4.59	0.027	0.71	8.15	28.1	1210	1.36	1.50	1.65	1.12	52.4	3.7	7	16.60	50.8
M358177		3.41	0.014	0.97	7.25	56.6	280	1.05	3.19	1.47	1.51	47.1	31.5	6	11.10	8.9
M358178		2.67	0.012	0.69	7.36	32.3	630	1.26	1.44	1.96	2.05	54.4	11.0	7	12.75	15.3
M358179		5.24	0.013	0.62	7.70	27.9	860	1.38	1.17	1.94	1.67	46.7	4.3	9	16.10	56.7
M358180		<0.02	0.015	0.50	7.62	26.3	880	1.26	0.94	1.99	1.36	41.9	3.5	7	14.75	57.4
M358181		6.21	0.872	3.10	6.83	166.5	1180	1.34	3.91	2.90	3.40	46.1	6.3	7	16.05	184.5
M358182		2.98	0.021	0.48	7.18	49.1	1380	1.57	1.55	2.84	1.40	40.9	7.3	6	18.90	14.0
M358183		5.91	0.023	0.17	6.71	12.6	1590	1.54	0.08	3.16	0.13	49.8	6.2	8	16.50	7.4
M358184		6.75	0.046	0.06	7.43	40.6	1430	1.66	0.10	2.85	0.08	57.2	6.8	8	16.60	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358149		3.14	16.30	0.17	1.0	0.437	2.80	33.6	18.9	0.79	685	0.91	0.04	6.7	1.9	540
M358150		3.01	17.10	0.18	1.1	0.780	2.55	33.1	21.9	0.95	638	0.35	0.04	6.6	1.6	580
M358151		3.47	14.95	0.13	0.8	0.837	2.58	26.1	22.1	0.93	642	0.38	0.05	5.9	1.3	550
M358152		2.87	17.35	0.14	1.0	0.744	2.32	28.9	28.2	0.81	557	1.02	0.04	7.4	1.8	580
M358153		3.48	17.05	0.15	0.9	0.724	2.27	31.4	21.3	0.70	577	0.37	0.23	6.4	1.7	560
M358154		3.80	16.85	0.14	1.0	0.403	2.27	26.3	32.9	0.54	730	1.25	0.05	7.2	1.9	660
M358155		4.57	15.90	0.16	1.1	0.307	2.13	33.7	55.1	0.65	663	0.65	0.05	7.5	2.0	610
M358156		8.58	13.40	0.19	1.0	4.29	2.45	17.0	34.3	0.66	3320	15.45	0.09	5.7	12.7	470
M358157		5.25	17.85	0.20	1.0	1.080	2.67	20.4	20.0	0.72	1120	2.06	0.04	7.0	2.9	490
M358158		2.93	17.20	0.12	1.2	0.194	3.39	26.7	37.4	0.73	992	0.86	0.10	8.5	2.4	600
M358159		4.85	17.30	0.16	1.0	0.300	3.14	23.6	10.6	0.89	2370	1.24	0.04	7.1	1.9	530
M358160		0.52	0.52	<0.05	<0.1	0.007	0.08	1.1	2.5	12.90	234	0.25	0.01	0.5	4.6	200
M358161		3.33	16.50	0.13	0.9	0.355	2.99	22.6	21.1	0.70	710	0.52	1.48	7.7	1.6	560
M358162		2.88	17.45	0.14	1.3	0.116	3.17	28.5	41.2	0.74	431	0.99	1.43	8.9	2.1	580
M358163		3.66	16.50	0.15	1.1	0.231	2.81	27.9	24.0	0.85	417	1.37	1.02	7.2	3.2	560
M358164		2.74	17.55	0.14	1.2	0.086	3.00	29.1	62.1	0.72	329	1.06	1.15	9.0	2.0	650
M358165		2.98	17.95	0.15	1.2	0.107	2.75	29.3	68.5	0.74	343	0.97	1.25	9.3	1.9	630
M358166		2.65	16.60	0.12	1.0	0.178	2.60	22.7	41.7	0.74	378	0.59	0.63	8.5	2.1	630
M358167		2.59	16.15	0.13	1.0	0.129	2.88	20.4	42.6	0.93	607	1.23	0.83	8.4	1.9	580
M358168		3.78	18.95	0.16	1.1	0.343	3.10	24.6	38.5	0.83	622	0.82	1.47	9.1	3.1	640
M358169		6.36	14.65	0.18	0.9	1.520	2.46	21.0	24.0	0.88	1740	14.45	0.04	6.0	15.8	430
M358170		2.77	17.50	0.14	1.2	0.162	3.06	24.5	31.7	0.60	540	1.28	0.93	9.1	2.4	620
M358171		2.63	17.35	0.14	1.1	0.287	2.90	19.8	44.3	0.83	810	1.62	0.08	8.7	2.3	660
M358172		3.65	18.25	0.18	0.9	0.727	3.36	20.9	11.2	0.88	1570	6.43	0.05	7.7	2.5	580
M358173		0.46	0.25	<0.05	<0.1	0.006	0.03	0.7	1.2	13.35	205	0.21	<0.01	0.4	2.7	190
M358174		4.19	14.30	0.16	0.7	0.315	2.80	16.0	10.0	0.77	983	3.38	0.04	5.5	4.5	480
M358175		5.93	18.80	0.20	0.9	0.613	3.46	22.7	11.4	0.92	1370	2.83	0.05	7.9	3.7	620
M358176		2.85	19.45	0.14	1.0	0.386	2.52	27.3	48.7	0.70	693	0.81	0.19	8.3	1.8	640
M358177		5.95	17.70	0.18	0.6	0.422	1.81	25.3	26.0	0.66	660	0.53	0.34	4.6	2.9	500
M358178		3.11	18.65	0.14	0.8	0.476	2.16	27.0	39.6	0.77	664	4.06	0.05	7.9	3.0	580
M358179		2.50	17.20	0.13	0.9	0.468	2.45	23.1	48.8	0.75	644	2.85	0.06	7.4	2.6	610
M358180		2.37	17.10	0.11	0.9	0.450	2.44	19.9	49.2	0.74	641	2.89	0.05	7.5	2.0	640
M358181		4.47	15.45	0.15	1.3	0.331	2.93	24.3	15.3	1.14	1450	4.58	0.05	6.9	3.0	570
M358182		2.82	17.30	0.13	0.9	0.392	2.54	18.4	31.6	1.12	849	0.94	0.05	7.1	2.8	600
M358183		2.44	18.55	0.14	3.0	0.034	2.71	24.6	36.6	1.03	747	2.22	0.03	10.4	3.8	710
M358184		2.50	18.55	0.15	3.0	0.031	2.84	30.4	33.4	1.05	759	3.88	0.03	10.0	4.1	730

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358149		111.5	152.5	0.002	1.60	9.66	10.6	2	4.2	116.5	0.57	0.39	14.0	0.194	2.21	4.7
M358150		115.5	118.0	<0.002	1.06	5.95	11.1	2	5.4	172.5	0.56	0.24	13.5	0.197	1.91	3.4
M358151		102.5	119.0	<0.002	1.32	6.23	9.5	2	7.2	147.5	0.48	0.59	13.0	0.192	1.75	4.8
M358152		91.6	105.0	<0.002	1.00	8.55	10.3	2	9.3	142.0	0.59	0.24	13.9	0.208	1.52	4.1
M358153		146.5	103.5	<0.002	1.30	10.70	10.1	1	8.6	118.0	0.53	0.23	13.7	0.194	1.55	4.8
M358154		80.6	83.9	<0.002	1.08	17.05	10.2	1	7.5	52.5	0.60	0.13	14.4	0.245	1.26	3.6
M358155		71.1	82.7	<0.002	2.47	21.4	9.8	2	6.7	183.0	0.62	0.37	13.7	0.241	1.33	4.4
M358156		>10000	121.0	<0.002	7.18	222	7.4	2	8.0	119.0	0.44	0.44	9.2	0.199	2.15	5.9
M358157		552	144.0	<0.002	4.48	18.20	10.4	1	12.5	91.6	0.61	0.23	11.8	0.193	2.47	6.5
M358158		34.2	115.0	<0.002	0.53	10.15	10.3	1	2.6	177.5	0.69	<0.05	13.3	0.251	2.03	4.0
M358159		112.0	176.0	<0.002	3.50	14.65	9.8	1	8.0	85.9	0.58	0.24	12.2	0.216	2.78	5.1
M358160		2.4	4.4	<0.002	0.03	0.10	0.6	1	0.2	41.3	<0.05	<0.05	0.2	0.006	0.04	0.5
M358161		81.5	115.0	<0.002	0.90	3.94	9.4	1	5.0	261	0.59	0.07	12.3	0.238	1.72	3.6
M358162		41.0	106.5	<0.002	0.29	5.65	10.3	1	2.5	301	0.72	<0.05	14.5	0.252	1.44	4.9
M358163		73.0	115.0	<0.002	1.55	7.66	10.1	1	3.5	247	0.60	0.13	13.7	0.212	1.55	5.7
M358164		20.0	105.5	<0.002	0.23	7.35	11.9	1	1.8	314	0.74	<0.05	15.2	0.277	1.35	3.1
M358165		20.9	102.5	<0.002	0.24	9.69	12.9	1	1.8	309	0.70	<0.05	15.3	0.276	1.31	2.9
M358166		24.9	90.0	<0.002	0.66	14.80	10.7	1	1.9	283	0.67	0.07	13.7	0.263	1.49	2.6
M358167		23.8	81.3	<0.002	0.36	10.15	9.2	1	1.7	320	0.63	<0.05	12.1	0.247	2.02	3.3
M358168		42.1	109.5	<0.002	0.71	6.39	11.6	1	4.6	271	0.70	<0.05	14.8	0.254	1.66	3.7
M358169		2710	163.5	0.002	4.64	82.5	8.6	2	7.1	85.7	0.47	0.35	10.0	0.165	2.23	5.0
M358170		37.6	104.5	<0.002	0.34	18.55	11.0	1	2.9	218	0.72	<0.05	14.6	0.266	1.36	3.9
M358171		39.0	97.8	<0.002	0.38	17.45	11.2	1	3.5	156.5	0.66	<0.05	12.8	0.277	2.02	3.9
M358172		128.0	210	<0.002	2.31	15.70	12.5	1	8.5	70.1	0.61	0.13	11.9	0.226	3.31	4.5
M358173		1.9	1.3	<0.002	0.02	0.08	0.3	1	0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M358174		81.7	183.5	<0.002	3.21	9.48	8.3	2	5.2	61.1	0.42	0.29	10.2	0.171	2.63	4.4
M358175		74.9	171.0	<0.002	4.21	16.60	12.8	2	5.0	87.0	0.55	0.37	13.2	0.230	3.32	5.8
M358176		39.3	120.5	<0.002	0.62	22.3	11.5	1	3.4	157.0	0.64	0.05	15.1	0.236	2.13	3.1
M358177		55.2	87.2	<0.002	4.29	10.60	9.0	2	3.0	100.0	0.32	0.39	10.3	0.166	1.59	4.5
M358178		50.9	99.8	<0.002	1.49	15.50	11.4	2	3.7	91.3	0.61	0.15	13.4	0.221	1.92	4.8
M358179		45.8	112.5	<0.002	0.70	27.5	10.6	1	4.0	131.0	0.58	0.09	13.6	0.224	2.25	4.1
M358180		40.4	100.5	<0.002	0.57	27.9	10.1	1	3.8	129.0	0.57	0.07	12.5	0.230	2.11	3.8
M358181		162.5	139.0	<0.002	1.41	49.8	8.7	1	3.4	135.5	0.51	0.16	11.5	0.214	2.71	6.1
M358182		47.8	109.5	<0.002	0.61	7.50	10.7	2	3.2	143.5	0.56	0.06	12.3	0.222	2.77	3.7
M358183		21.7	116.5	<0.002	0.19	7.64	6.9	1	1.3	418	0.72	<0.05	8.5	0.263	2.72	5.3
M358184		21.5	156.0	<0.002	0.46	10.40	7.3	2	1.3	535	0.72	<0.05	10.6	0.259	3.11	6.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M358149		66	2.5	15.1	214	26.3	2		
M358150		83	2.6	14.7	347	27.0	2		
M358151		63	2.1	16.1	251	22.3	2		
M358152		61	2.5	16.2	465	27.3	2		
M358153		69	2.5	15.0	472	25.5	1		
M358154		74	2.3	13.3	354	29.0	1		
M358155		66	4.1	12.8	205	30.4	3		
M358156		57	4.4	8.8	>10000	32.0	126	0.986	1.630
M358157		63	7.6	14.7	1800	27.2	3		
M358158		68	2.9	14.5	91	33.4	<1		
M358159		61	6.6	12.0	313	28.1	2		
M358160		3	0.1	1.0	16	0.6	<1		
M358161		65	1.8	13.9	245	28.1	1		
M358162		67	7.4	15.8	103	35.3	<1		
M358163		65	7.4	16.2	103	28.8	1		
M358164		74	19.8	15.5	59	32.2	<1		
M358165		79	20.8	15.7	63	33.5	<1		
M358166		71	12.4	13.5	70	28.8	<1		
M358167		64	12.9	14.4	84	30.3	<1		
M358168		73	4.0	15.4	178	31.2	1		
M358169		53	4.9	9.6	5070	24.4	27		
M358170		69	3.9	15.9	98	32.5	<1		
M358171		78	4.9	13.2	144	30.7	<1		
M358172		67	3.8	13.5	1020	23.9	1		
M358173		1	0.1	0.8	19	<0.5	<1		
M358174		55	3.3	12.6	168	19.1	1		
M358175		89	3.6	16.4	304	24.8	2		
M358176		72	1.8	15.5	137	30.3	<1		
M358177		93	1.1	13.4	129	17.5	<1		
M358178		70	1.8	14.2	207	23.6	<1		
M358179		68	2.0	14.2	186	26.0	<1		
M358180		68	2.0	13.5	163	24.8	<1		
M358181		65	7.1	13.3	364	44.3	2		
M358182		70	1.9	15.3	160	24.6	<1		
M358183		66	3.2	13.7	70	117.5	<1		
M358184		64	6.3	13.9	65	113.5	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197781

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197782

Project: Klaza - 110

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

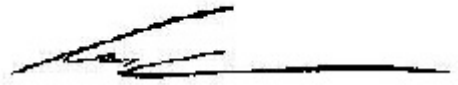
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197782

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358185		3.45	0.038	0.23	6.90	68.2	1720	1.72	0.16	3.02	0.24	50.6	6.4	7	18.20	11.2
M358186		2.74	0.014	0.43	6.93	50.9	690	1.59	1.32	2.28	0.69	36.5	7.1	6	18.65	23.7
M358187		3.62	0.030	0.98	6.77	61.4	1010	1.29	3.09	2.38	0.75	37.7	20.9	6	15.95	56.7
M358188		0.26	2.27	24.9	5.71	3070	410	1.26	18.60	2.17	74.2	38.7	9.9	16	13.65	418
M358189		3.44	0.170	3.40	6.10	134.5	850	1.21	1.98	2.13	1.16	30.9	20.8	8	13.60	815
M358190		3.91	0.043	0.82	6.95	120.0	950	1.29	1.41	2.27	1.25	34.8	8.6	7	13.25	87.7
M358191		2.83	0.091	1.99	6.69	118.5	620	1.31	5.51	2.21	4.82	38.2	12.5	7	11.55	71.8
M358192		2.79	<0.005	0.02	0.06	<5	20	<0.05	0.04	20.4	0.07	1.12	0.6	<1	0.16	2.7
M358193		4.65	0.112	1.28	6.67	62.0	690	1.45	2.41	2.46	1.86	32.7	10.3	7	10.25	115.0
M358194		4.60	0.024	0.40	6.90	21.1	1260	1.60	1.30	2.79	0.65	41.8	4.0	8	10.65	34.1
M358195		4.09	<0.005	0.62	7.07	31.5	1010	1.56	1.31	2.69	1.12	41.5	4.2	9	10.60	62.5
M358196		2.70	0.070	1.92	7.06	38.5	670	1.44	2.04	2.25	1.69	46.3	13.5	7	10.80	292
M358197		2.57	0.076	1.64	7.75	42.3	720	1.61	1.62	2.20	0.92	48.1	8.5	7	12.40	238
M358198		3.90	0.119	1.30	7.41	54.5	480	1.44	1.95	2.07	1.92	44.2	10.4	8	9.17	120.0
M358199		4.56	0.313	1.14	7.47	62.4	610	1.49	1.80	2.64	2.91	45.0	4.8	7	9.49	79.8
M358200		<0.02	0.285	1.24	7.51	72.7	600	1.45	1.79	2.63	3.21	45.9	4.3	8	10.05	90.9
M358201		4.19	0.149	1.21	7.68	72.3	990	1.53	2.30	2.12	2.72	43.4	9.8	9	8.63	42.6
M358202		2.79	0.048	0.53	7.71	15.5	750	1.64	1.37	1.87	0.89	45.6	8.3	7	11.10	10.7
M358203		3.27	0.024	0.30	7.54	14.6	1440	1.36	0.75	2.09	0.67	40.5	5.5	8	16.25	31.3
M358204		2.37	0.005	0.16	7.70	20.1	1460	1.36	0.33	3.10	0.67	63.7	4.8	6	12.40	8.6
M358205		3.04	0.071	1.12	7.72	90.1	840	1.60	2.41	1.56	1.53	54.1	5.6	6	15.10	60.6
M358206		3.68	0.062	0.65	7.90	25.0	1160	1.62	1.36	2.42	0.95	58.1	4.3	7	10.65	41.0
M358207		1.93	0.029	0.54	7.80	31.4	1290	1.69	1.22	2.53	0.96	53.8	6.2	7	11.10	31.6
M358208		2.49	0.033	0.95	8.04	36.0	1270	1.48	1.64	2.46	1.92	45.8	6.1	7	8.77	64.1
M358209		7.80	0.065	0.51	7.84	24.9	1740	1.41	0.94	2.46	0.64	43.7	5.2	10	10.25	37.1
M358210		2.69	0.171	0.75	7.62	44.1	2210	1.49	1.56	2.75	1.99	54.6	7.4	10	10.40	58.1
M358211		3.18	0.181	0.63	7.82	38.6	1770	1.60	1.30	2.39	0.70	51.9	10.1	9	14.50	22.7
M358212		4.80	0.048	0.76	7.42	30.9	1030	1.28	2.08	2.30	1.16	37.0	15.2	10	8.08	83.5
M358213		3.17	0.081	1.43	7.50	39.8	1720	1.57	7.18	2.43	1.04	45.0	26.7	11	11.20	147.0
M358214		8.21	0.014	0.51	7.61	24.5	2160	1.54	1.14	2.62	1.12	50.7	9.8	9	10.25	16.0
M358215		0.26	4.20	>100	5.68	7220	190	1.21	64.5	2.09	232	32.7	9.5	17	11.50	1325
M358216		6.70	0.007	0.32	7.87	17.8	2300	1.66	0.55	2.76	1.23	52.0	6.7	10	10.35	13.4
M358217		2.98	0.037	0.56	7.98	83.8	1120	1.62	1.04	2.25	2.37	51.7	9.5	8	17.90	11.6
M358218		2.68	0.054	1.01	7.56	90.9	640	1.64	2.04	2.41	3.61	54.8	12.3	6	17.20	13.7
M358219		2.22	<0.005	0.01	0.08	<5	30	<0.05	0.02	21.9	0.09	1.24	0.7	<1	0.23	1.7
M358220		3.38	0.025	0.96	7.51	91.2	1120	1.35	12.70	2.51	1.06	53.1	6.6	7	20.2	98.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358185		2.41	16.75	0.13	3.6	0.041	2.90	26.9	22.2	1.00	778	2.93	0.04	9.5	3.6	670
M358186		2.45	14.70	0.11	1.0	0.382	2.10	17.1	47.3	0.80	629	1.08	0.06	6.5	2.1	580
M358187		2.83	15.30	0.13	1.2	0.459	2.17	16.5	25.5	0.81	530	1.67	0.43	6.4	3.1	580
M358188		6.28	12.65	0.08	1.0	1.605	2.52	20.1	22.7	0.87	1820	12.45	0.04	5.6	12.9	430
M358189		2.55	13.80	0.10	0.8	0.741	1.82	13.2	10.5	0.59	493	0.84	1.74	5.3	3.8	500
M358190		2.59	15.90	0.10	0.9	0.475	2.05	15.8	22.2	0.57	521	0.83	1.54	6.5	2.5	560
M358191		3.53	15.50	0.11	0.9	0.439	2.27	16.3	21.2	0.66	655	0.78	0.94	6.7	2.1	510
M358192		0.45	0.21	0.10	<0.1	0.006	0.02	0.5	1.0	12.55	198	0.13	0.01	0.1	1.2	170
M358193		2.72	16.00	0.13	0.8	0.421	1.59	13.0	12.6	0.51	497	1.08	2.02	7.3	2.9	550
M358194		2.41	15.95	0.15	1.0	0.295	1.60	18.6	14.6	0.74	448	0.83	2.56	7.9	2.1	570
M358195		2.71	15.85	0.12	1.1	0.336	1.47	18.7	15.0	0.77	461	1.05	2.42	7.8	2.3	570
M358196		3.61	17.00	0.09	0.8	0.725	1.62	21.4	14.1	0.72	468	1.20	1.72	5.3	9.4	540
M358197		2.45	16.80	0.10	1.0	0.590	1.86	21.2	16.4	0.64	475	0.59	1.70	6.5	3.9	580
M358198		3.38	17.95	0.12	0.9	0.435	1.90	19.3	18.8	0.66	523	0.62	1.71	6.1	3.4	580
M358199		3.15	16.95	0.09	1.0	0.347	1.97	20.6	16.7	0.73	547	0.77	1.88	6.6	2.3	600
M358200		3.20	17.25	0.11	1.0	0.350	2.03	21.1	17.8	0.75	561	0.76	1.81	6.9	2.3	590
M358201		3.10	17.40	0.12	0.9	0.406	2.59	18.4	17.4	0.62	501	1.74	1.54	6.4	3.0	570
M358202		2.65	18.15	0.13	1.1	0.384	1.95	20.4	33.2	0.70	426	0.68	1.16	7.3	1.9	650
M358203		2.85	16.85	0.10	1.0	0.380	2.21	18.2	21.4	0.76	451	0.61	1.99	6.3	3.2	610
M358204		3.04	16.90	0.14	1.2	0.085	2.36	34.1	44.1	1.03	667	1.41	0.10	8.2	2.1	610
M358205		3.82	17.25	0.11	1.0	0.321	2.62	28.9	29.2	0.76	898	4.83	0.04	7.3	2.6	570
M358206		2.79	16.45	0.15	0.9	0.389	2.77	27.5	18.5	0.58	499	1.75	1.20	7.3	1.7	560
M358207		2.88	16.60	0.13	1.0	0.376	2.64	25.9	15.1	0.63	487	3.23	1.76	7.5	2.3	560
M358208		3.16	17.55	0.13	0.8	0.349	2.39	20.0	12.9	0.66	500	1.42	2.34	6.7	2.1	640
M358209		2.98	17.15	0.12	1.1	0.269	2.56	22.0	14.4	0.72	479	4.27	2.52	7.6	2.4	640
M358210		3.45	17.15	0.16	1.0	0.282	2.96	28.2	18.6	0.85	538	3.10	1.45	7.5	2.8	620
M358211		3.35	16.60	0.15	1.0	0.335	2.44	27.0	13.5	0.87	498	2.34	2.42	7.2	3.0	630
M358212		3.13	15.85	0.12	0.9	0.325	1.80	15.8	12.8	0.94	598	2.35	2.78	6.6	6.3	520
M358213		3.54	17.55	0.12	1.0	0.412	2.26	19.0	16.6	0.90	568	1.30	2.40	8.0	3.8	570
M358214		3.15	16.65	0.14	1.0	0.145	2.82	27.5	13.3	0.78	513	2.39	1.99	7.5	2.6	570
M358215		8.27	13.10	0.13	1.1	4.87	2.38	16.1	32.1	0.64	3260	14.95	0.08	5.3	13.1	460
M358216		3.12	18.40	0.11	1.1	0.180	2.71	27.0	14.1	0.73	479	1.54	1.97	8.2	2.9	610
M358217		3.18	16.75	0.09	1.0	0.473	2.68	27.9	19.8	0.88	810	1.80	0.07	7.3	2.8	600
M358218		3.72	17.65	0.11	1.0	0.683	2.95	28.6	10.7	0.94	863	7.49	0.06	7.5	3.9	590
M358219		0.48	0.27	0.12	<0.1	<0.005	0.03	0.6	1.1	13.20	224	0.20	0.01	0.2	1.4	200
M358220		3.46	16.65	0.16	0.9	0.223	2.71	28.4	11.0	1.00	648	4.00	0.07	6.9	2.4	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358185		20.1	151.0	<0.002	0.49	9.02	7.3	1	1.3	229	0.77	<0.05	9.7	0.267	3.22	6.0
M358186		29.2	94.2	0.002	0.53	19.50	9.2	1	2.8	139.5	0.56	0.05	13.0	0.209	2.22	2.8
M358187		46.9	100.0	0.002	1.40	22.3	9.2	2	3.8	139.0	0.56	0.32	11.2	0.195	2.07	3.5
M358188		2690	156.0	0.003	4.47	83.6	7.2	1	7.1	83.0	0.47	0.42	10.4	0.173	2.32	4.8
M358189		43.6	98.8	0.002	1.16	45.1	8.4	1	4.1	256	0.45	0.23	10.6	0.170	1.71	2.6
M358190		39.0	100.0	0.002	0.96	12.90	9.1	1	5.2	212	0.56	0.19	12.2	0.201	1.84	2.4
M358191		160.5	113.5	<0.002	2.07	8.75	8.8	1	7.8	137.5	0.57	0.38	12.8	0.206	2.19	3.7
M358192		1.7	1.3	<0.002	<0.01	0.14	0.2	1	0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M358193		75.9	77.8	0.004	1.12	3.36	9.4	1	6.7	244	0.59	0.66	11.6	0.220	1.38	2.9
M358194		24.8	68.4	0.002	0.47	2.39	9.8	2	3.8	394	0.66	0.10	12.0	0.239	1.05	3.1
M358195		39.8	68.9	<0.002	0.63	2.90	9.9	1	5.0	378	0.64	0.09	12.7	0.233	1.15	3.3
M358196		59.4	87.1	0.002	2.04	6.40	9.8	2	4.7	240	0.45	0.24	13.2	0.178	1.33	3.2
M358197		45.6	85.9	<0.002	0.97	30.2	9.8	1	4.9	259	0.56	0.27	13.5	0.211	1.50	3.9
M358198		61.1	89.9	<0.002	1.60	7.91	9.7	1	8.6	216	0.48	0.29	12.0	0.206	1.46	3.1
M358199		96.1	92.4	<0.002	1.04	5.39	9.8	1	5.5	260	0.54	0.07	11.4	0.234	1.39	3.9
M358200		103.5	102.5	<0.002	1.02	5.99	10.2	1	6.1	248	0.55	0.10	11.3	0.236	1.37	3.8
M358201		106.0	125.0	0.002	1.37	5.35	9.7	1	5.0	220	0.52	0.25	12.2	0.209	1.77	4.1
M358202		37.4	81.8	<0.002	0.75	6.78	10.5	1	4.6	237	0.62	0.17	13.1	0.237	1.30	5.1
M358203		31.2	91.7	<0.002	0.42	11.25	9.7	1	2.9	314	0.57	0.07	12.6	0.219	1.47	3.7
M358204		21.0	96.9	<0.002	0.19	13.50	10.3	2	1.8	209	0.66	<0.05	14.3	0.247	1.21	4.5
M358205		71.4	134.0	0.002	1.29	16.90	10.6	1	4.6	87.2	0.59	0.20	13.3	0.242	2.08	4.8
M358206		41.7	121.0	0.002	0.57	6.14	9.2	1	4.8	191.5	0.57	0.05	12.2	0.244	1.88	3.9
M358207		44.2	115.5	<0.002	0.73	4.81	10.0	2	5.2	273	0.57	0.13	12.6	0.249	1.63	3.9
M358208		64.0	97.4	<0.002	1.01	5.72	10.5	1	5.7	304	0.53	0.19	11.8	0.248	1.64	3.8
M358209		40.0	91.2	<0.002	0.60	5.09	10.6	1	5.2	400	0.60	0.10	12.0	0.271	1.23	3.5
M358210		51.1	99.0	<0.002	0.99	7.15	10.9	1	5.4	319	0.56	0.17	11.2	0.262	1.26	4.7
M358211		68.7	105.5	<0.002	1.17	3.62	10.6	1	4.7	367	0.59	0.07	13.4	0.256	1.38	4.5
M358212		46.1	85.1	0.002	1.28	2.86	9.3	1	6.9	319	0.58	0.20	12.8	0.242	1.41	3.8
M358213		52.6	86.1	0.002	1.38	2.36	10.5	2	5.5	352	0.61	0.19	12.7	0.249	1.21	4.2
M358214		41.0	95.7	<0.002	0.69	2.55	10.3	2	3.4	356	0.61	0.20	12.5	0.247	1.16	4.4
M358215		9980	133.5	0.002	7.16	223	7.2	1	8.7	120.5	0.44	0.47	8.2	0.192	2.08	5.2
M358216		63.2	89.4	<0.002	0.39	3.59	10.9	1	3.0	394	0.65	<0.05	12.7	0.267	1.05	4.3
M358217		144.5	107.5	<0.002	1.04	12.45	10.0	2	3.6	110.5	0.63	0.09	13.1	0.259	2.08	6.2
M358218		264	127.0	0.002	2.23	10.15	10.3	2	7.1	88.8	0.59	0.30	12.8	0.249	2.67	6.2
M358219		2.0	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M358220		82.9	113.5	<0.002	1.50	13.60	9.7	4	6.0	107.5	0.55	0.10	12.8	0.231	2.40	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 110

CERTIFICATE OF ANALYSIS WH12197782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358185		63	7.4	14.6	68	124.5	<1	
M358186		67	1.8	13.9	86	23.5	<1	
M358187		65	1.9	12.9	83	29.8	1	
M358188		53	5.0	9.2	5120	22.4	26	
M358189		58	1.8	10.5	135	17.9	4	
M358190		60	2.1	12.9	113	20.8	<1	
M358191		61	3.0	12.6	380	19.0	2	
M358192		2	0.1	0.7	12	<0.5	<1	
M358193		62	1.7	12.8	165	18.9	1	
M358194		65	1.1	15.0	69	23.1	<1	
M358195		64	1.3	15.1	96	24.0	1	
M358196		66	1.2	15.0	155	20.4	2	
M358197		61	1.9	15.1	91	24.1	1	
M358198		61	2.5	13.7	170	20.0	1	
M358199		71	2.2	13.7	257	23.8	1	
M358200		71	2.3	14.4	272	24.6	1	
M358201		61	2.3	13.5	223	20.6	1	
M358202		74	2.1	15.4	100	26.8	<1	
M358203		71	2.4	14.3	89	25.1	<1	
M358204		65	7.2	18.3	77	30.1	<1	
M358205		67	4.3	14.0	147	24.5	1	
M358206		59	2.4	15.7	95	22.2	<1	
M358207		61	2.3	16.6	102	23.4	<1	
M358208		71	2.2	15.4	188	21.2	1	
M358209		70	2.0	14.8	88	25.6	<1	
M358210		72	2.2	17.9	169	24.6	1	
M358211		70	1.7	17.3	93	24.5	1	
M358212		63	2.5	14.9	131	21.6	1	
M358213		68	1.1	17.4	123	25.0	7	
M358214		65	1.6	15.9	120	24.9	1	
M358215		52	4.7	8.9	>10000	31.5	120	1.580
M358216		70	1.4	17.0	153	28.3	1	
M358217		70	2.7	16.2	330	23.9	1	
M358218		69	3.3	17.9	484	24.1	1	
M358219		3	0.1	0.8	16	<0.5	<1	
M358220		64	2.8	14.9	151	23.0	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 110

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197782

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197783

Project: Klaza -110

P.O. No.: Batch 9

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

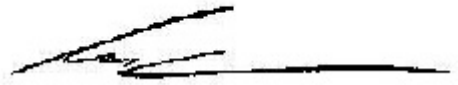
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza -110

CERTIFICATE OF ANALYSIS WH12197783

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358221		6.41	0.017	1.42	7.61	53.5	1400	1.16	1.03	1.90	1.01	46.3	7.9	9	8.48	303
M358222		2.13	0.010	5.11	7.28	24.1	1370	1.09	0.78	1.96	0.97	38.1	7.2	7	7.22	1150
M358223		3.54	0.008	0.35	8.15	19.3	1620	1.05	0.58	0.88	0.77	55.1	7.6	8	9.26	34.9
M358224		3.75	0.040	0.71	7.68	27.4	1760	1.11	1.41	1.11	1.48	52.3	19.7	8	8.64	73.6
M358225		0.26	4.46	>100	5.35	8120	940	0.98	57.5	2.11	226	32.5	10.1	19	11.25	1265
M358226		3.92	0.048	1.12	7.48	68.1	1300	1.12	1.73	1.33	1.98	50.6	21.5	7	9.71	31.0
M358227		3.65	0.028	0.39	7.86	17.6	2380	1.31	0.90	1.45	2.81	51.5	6.2	7	13.25	39.6
M358228		3.29	0.056	1.84	6.62	77.4	930	1.30	4.16	2.63	3.74	54.9	18.9	7	12.55	94.6
M358229		2.81	<0.005	0.03	0.11	<5	30	0.05	0.03	22.1	0.10	1.50	1.2	<1	0.25	5.6
M358230		2.62	0.062	1.07	7.60	40.9	780	1.33	1.84	1.64	1.58	45.3	6.0	8	12.45	101.0
M358231		2.62	0.009	0.48	7.22	24.4	1670	1.09	1.02	1.78	0.84	40.3	4.5	7	10.05	23.2
M358232		3.08	<0.005	0.18	7.33	10.6	1890	1.48	0.35	2.26	0.38	44.1	7.2	8	12.30	15.5
M358233		<0.02	<0.005	0.19	7.21	8.7	1880	1.52	0.35	2.32	0.35	43.7	7.7	8	12.40	10.6
M358234		8.31	0.012	0.18	6.98	14.4	1930	1.44	0.35	2.79	0.26	38.9	7.4	10	9.92	12.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza -110

CERTIFICATE OF ANALYSIS WH12197783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358221		3.07	18.50	0.07	0.9	0.208	1.96	24.5	36.5	0.72	590	3.75	0.07	8.2	2.9	620
M358222		2.56	17.95	0.08	1.0	0.228	1.81	18.8	42.6	0.67	536	4.28	0.07	8.7	2.7	640
M358223		3.05	20.3	0.11	1.0	0.186	1.50	29.8	43.5	0.42	576	3.24	0.05	9.2	2.7	650
M358224		3.61	19.00	0.13	0.9	0.227	1.48	27.8	42.7	0.52	573	2.00	0.05	8.4	3.0	600
M358225		8.32	13.55	0.13	1.0	4.66	2.41	16.9	26.4	0.66	2990	15.60	0.09	5.6	15.0	450
M358226		3.53	18.55	0.09	1.0	0.332	1.44	26.9	38.9	0.59	617	2.10	0.05	8.0	4.7	650
M358227		3.08	19.25	0.15	1.0	0.235	2.64	27.0	25.5	0.52	388	2.28	0.58	9.0	2.5	640
M358228		3.91	18.00	0.14	1.0	0.429	2.63	30.4	14.2	0.74	607	12.90	0.07	6.9	4.0	470
M358229		0.50	0.35	0.05	<0.1	0.007	0.04	0.8	1.2	13.25	188	0.34	0.01	0.3	2.5	180
M358230		3.35	21.1	0.09	0.9	0.486	2.19	21.6	29.9	0.77	631	2.01	0.05	8.4	2.9	610
M358231		2.88	18.25	0.09	0.9	0.165	2.74	19.7	22.5	0.43	439	1.60	0.72	8.5	2.1	570
M358232		3.12	18.25	0.12	1.0	0.108	2.60	21.7	20.6	0.80	371	1.97	2.13	8.5	2.9	590
M358233		3.04	18.55	0.14	1.0	0.108	2.64	21.6	20.7	0.80	378	1.81	2.14	8.9	2.8	590
M358234		3.07	18.00	0.12	0.9	0.097	2.73	19.1	20.4	0.76	463	3.80	2.20	8.4	3.1	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza -110

CERTIFICATE OF ANALYSIS WH12197783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358221		38.6	71.6	<0.002	0.82	21.6	12.2	1	4.7	131.5	0.68	0.14	12.0	0.256	1.19	5.1
M358222		29.9	53.5	<0.002	0.60	20.7	11.4	2	3.3	142.5	0.72	0.12	10.5	0.263	1.00	4.3
M358223		25.2	58.2	<0.002	0.35	22.0	13.3	2	3.4	66.0	0.78	<0.05	14.1	0.300	0.77	2.5
M358224		48.2	66.9	<0.002	1.07	33.2	12.0	2	3.8	69.6	0.70	<0.05	13.1	0.256	0.92	2.8
M358225		9690	131.5	<0.002	7.08	225	8.1	3	8.8	119.0	0.45	0.56	8.0	0.186	2.15	5.0
M358226		90.1	70.1	<0.002	1.35	34.2	11.6	2	5.6	67.6	0.69	0.10	13.2	0.243	1.14	6.7
M358227		84.7	95.1	<0.002	0.33	15.70	12.8	2	4.7	164.0	0.78	0.05	12.6	0.267	1.33	3.8
M358228		115.5	108.5	0.002	2.34	22.3	9.8	2	9.8	112.5	0.62	0.24	12.4	0.196	1.90	4.5
M358229		3.1	1.7	<0.002	0.01	0.17	0.3	1	<0.2	45.6	<0.05	<0.05	0.2	<0.005	0.02	0.7
M358230		58.2	90.3	<0.002	0.80	32.3	12.3	1	12.0	156.5	0.69	0.05	12.6	0.254	1.78	3.6
M358231		37.2	93.0	<0.002	0.37	20.1	11.2	1	4.8	174.0	0.70	<0.05	11.0	0.256	1.27	2.5
M358232		20.2	90.5	<0.002	0.16	2.69	11.1	1	3.2	367	0.71	<0.05	11.7	0.246	1.08	3.7
M358233		20.3	94.9	<0.002	0.17	2.68	11.7	2	3.0	368	0.74	<0.05	12.4	0.258	1.08	3.9
M358234		20.2	91.3	<0.002	0.20	2.81	11.1	1	2.5	368	0.68	<0.05	9.8	0.251	1.10	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza -110

CERTIFICATE OF ANALYSIS WH12197783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358221		70	6.4	14.0	129	26.0	1	
M358222		67	7.6	12.6	112	25.9	<1	
M358223		78	3.1	15.4	108	27.7	1	
M358224		71	3.2	15.8	137	24.6	1	
M358225		53	4.7	8.6	>10000	33.1	120	1.630
M358226		73	2.3	16.0	178	25.5	1	
M358227		73	2.6	15.9	223	27.7	<1	
M358228		63	3.9	13.4	344	26.8	2	
M358229		2	0.1	0.9	16	<0.5	<1	
M358230		74	5.0	14.1	162	24.1	1	
M358231		71	2.9	13.4	94	26.5	<1	
M358232		68	2.0	13.5	58	27.6	<1	
M358233		68	1.9	14.1	58	28.3	<1	
M358234		67	2.2	13.5	52	26.3	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza -110

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197783

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm)
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197784

Project: Klaza - 111

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

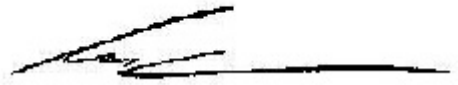
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197784

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359037		7.38	<0.005	0.84	7.40	7.6	2250	1.35	2.01	1.91	0.47	46.7	8.1	9	15.10	10.7
M359038		3.51	0.023	0.62	7.65	37.8	2170	1.18	0.72	1.43	1.05	58.0	10.9	8	16.35	13.8
M359039		3.21	<0.005	0.13	7.24	10.0	2170	1.13	0.18	1.20	0.30	51.1	6.5	7	24.9	4.7
M359040		0.26	0.794	9.84	6.70	1495	340	1.46	7.47	1.95	39.9	42.0	14.9	20	14.75	110.0
M359041		3.91	0.047	0.29	6.71	66.3	2260	1.38	0.24	1.94	0.36	48.7	6.7	7	18.65	4.6
M359042		2.62	0.123	0.28	6.41	228	3120	1.61	0.19	3.21	0.39	46.2	6.3	6	17.25	4.1
M359043		2.46	<0.005	0.02	0.17	<5	40	0.08	0.03	20.5	0.06	1.40	0.5	<1	0.23	1.7
M359044		7.37	<0.005	0.08	7.19	7.4	2190	1.44	0.20	2.45	0.13	44.0	6.3	9	20.6	4.3
M359045		7.39	<0.005	0.09	7.16	7.9	2220	1.42	0.20	2.63	0.14	46.1	6.3	11	12.75	6.1
M359046		2.68	0.115	0.66	6.99	28.5	3550	1.35	0.39	2.52	0.27	45.2	13.8	8	16.60	167.0
M359047		5.64	<0.005	0.09	7.24	6.7	2270	1.55	0.18	2.54	0.14	45.8	6.8	10	14.00	5.5
M359048		<0.02	<0.005	0.10	7.31	6.4	2300	1.52	0.21	2.53	0.14	50.4	6.8	12	14.85	6.3
M359049		2.86	<0.005	0.15	6.75	9.4	2140	1.50	0.16	2.69	0.13	41.9	6.0	13	8.22	5.7
M359050		5.17	<0.005	0.10	7.23	9.1	2200	1.64	0.29	2.60	0.17	49.4	6.5	10	9.03	6.9
M359051		4.50	<0.005	0.09	7.42	7.0	2240	1.50	0.26	2.49	0.16	59.0	6.9	12	8.33	6.2
M359052		8.43	<0.005	0.09	7.38	8.4	2290	1.49	0.17	2.43	0.18	53.0	6.2	10	6.33	8.4
M359053		7.78	<0.005	0.11	7.34	7.8	2250	1.50	0.20	2.09	0.14	50.7	6.5	9	9.06	5.4
M359054		5.46	<0.005	0.24	7.64	6.9	2340	1.66	0.78	2.45	0.20	44.9	9.9	12	11.95	8.9
M359055		2.16	<0.005	0.17	7.48	15.1	3360	1.39	0.64	1.66	0.29	39.5	8.7	8	30.6	11.4
M359056		3.08	<0.005	0.01	0.07	<5	30	0.05	0.02	21.3	0.06	1.19	1.2	<1	0.24	4.4
M359057		4.51	<0.005	0.16	7.41	4.6	2390	1.51	0.46	2.69	0.21	47.6	8.5	10	13.95	6.2
M359058		3.99	<0.005	0.14	7.61	5.5	2330	1.54	0.27	2.64	0.16	49.1	8.6	10	12.90	10.1
M359059		3.57	0.009	0.15	7.18	7.9	2120	1.59	0.24	3.01	0.13	42.2	9.6	9	9.97	24.6
M359060		3.53	<0.005	0.18	7.55	4.6	2390	1.57	0.29	2.75	0.13	46.0	8.3	11	9.61	48.8
M359061		0.26	0.743	9.32	6.82	1820	1690	1.52	6.72	1.92	43.4	44.7	19.7	20	17.65	109.5
M359062		6.96	<0.005	0.11	6.98	5.1	2050	1.57	0.15	2.51	0.22	43.2	7.7	8	14.95	8.8
M359063		2.62	0.005	0.24	6.91	17.8	2250	1.63	0.14	2.99	0.39	47.0	7.6	7	13.00	8.5
M359064		3.50	<0.005	0.11	7.58	3.3	2360	1.56	0.11	2.55	0.10	48.1	8.7	9	9.14	4.6
M359065		1.21	<0.005	0.10	7.51	3.1	2410	1.66	0.15	2.46	0.10	49.5	8.6	8	8.96	4.4
M359066		4.45	<0.005	0.09	6.77	3.9	2320	1.50	0.10	2.36	0.11	45.4	9.0	10	8.78	5.2
M359067		1.86	<0.005	1.99	6.92	31.0	>10000	1.46	0.09	2.41	0.35	53.3	9.2	10	16.55	6.5
M359068		4.61	0.006	0.33	6.64	12.5	2090	1.48	0.05	2.83	0.38	41.0	8.3	9	18.10	4.2
M359069		3.85	0.069	3.98	6.96	166.0	2400	1.54	0.05	2.66	0.30	40.6	9.0	9	19.75	5.1
M359070		3.10	0.045	0.92	6.82	86.9	2390	1.42	0.05	2.38	0.26	37.6	7.5	8	12.30	6.5
M359071		2.62	<0.005	0.08	7.14	4.3	2150	1.69	0.05	2.49	0.08	41.0	6.8	10	10.40	4.2
M359072		6.11	<0.005	0.07	6.65	5.7	2080	1.60	0.04	2.51	0.21	40.1	7.1	11	10.00	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359037		2.84	15.10	0.16	1.3	0.035	2.78	23.8	25.2	0.63	681	1.57	1.29	7.7	2.6	590
M359038		2.95	15.75	0.15	1.4	0.035	2.85	28.5	45.7	0.63	906	1.30	0.37	7.9	3.0	590
M359039		2.65	14.85	0.14	1.3	0.032	2.11	26.5	53.3	0.44	1080	1.01	0.06	7.4	2.1	570
M359040		5.24	13.80	0.14	1.4	0.867	2.89	21.4	22.7	0.71	2050	11.75	0.27	6.8	14.0	510
M359041		2.42	13.95	0.16	1.1	0.033	2.32	23.8	124.5	0.58	1270	1.39	0.06	6.8	2.2	540
M359042		2.78	13.45	0.14	1.0	0.031	2.44	25.3	144.0	1.02	14350	1.77	0.05	6.4	2.1	490
M359043		0.46	0.34	0.11	<0.1	<0.005	0.05	0.6	2.0	12.30	209	0.22	0.03	0.3	1.2	220
M359044		2.69	14.15	0.16	1.2	0.028	2.80	21.8	37.1	0.70	757	0.85	1.79	7.0	2.1	560
M359045		2.75	14.85	0.14	1.3	0.041	2.63	22.3	17.2	0.73	780	0.93	2.26	7.5	2.3	570
M359046		2.96	14.70	0.16	1.2	0.074	2.88	20.9	46.9	0.74	1140	0.82	0.73	7.1	2.5	530
M359047		2.76	15.40	0.15	1.3	0.037	2.72	22.0	23.2	0.69	694	0.68	2.16	7.8	2.3	580
M359048		2.77	15.30	0.15	1.3	0.039	2.78	26.0	25.0	0.70	692	0.75	2.14	7.7	2.3	590
M359049		2.62	15.15	0.13	1.3	0.038	2.61	18.6	16.4	0.63	699	0.74	1.86	7.5	2.6	530
M359050		2.81	15.95	0.14	1.3	0.049	2.66	23.8	16.2	0.76	694	0.78	2.32	8.3	2.5	570
M359051		2.77	15.50	0.16	1.2	0.038	2.63	29.2	17.9	0.80	660	0.75	2.32	8.0	2.5	570
M359052		2.76	15.40	0.14	1.3	0.038	2.63	25.6	15.0	0.80	663	0.66	2.38	7.7	2.4	570
M359053		2.75	16.10	0.16	1.5	0.043	2.83	26.8	22.9	0.79	625	0.69	2.03	8.2	2.5	570
M359054		2.97	19.80	0.22	1.4	0.044	2.86	24.1	43.4	0.78	707	0.97	2.24	8.8	3.1	630
M359055		2.65	18.35	0.20	1.4	0.037	2.83	21.1	370	0.54	1040	0.59	0.21	8.1	2.7	610
M359056		0.47	0.35	0.34	<0.1	0.006	0.02	0.6	1.9	13.20	213	<0.05	0.01	0.4	2.0	190
M359057		3.00	18.50	0.20	1.4	0.046	2.86	24.7	28.6	0.80	765	0.68	2.29	8.9	2.8	630
M359058		2.98	18.75	0.22	1.6	0.045	2.92	26.0	23.0	0.79	707	0.68	2.35	9.3	2.9	640
M359059		2.81	18.45	0.22	1.5	0.056	2.97	21.8	21.6	0.74	722	0.80	2.03	8.8	2.8	570
M359060		2.98	19.40	0.22	1.6	0.056	3.19	23.4	19.6	0.73	689	1.32	2.34	9.4	2.8	600
M359061		5.31	17.00	0.19	1.4	0.994	3.00	25.0	27.9	0.71	2040	12.60	0.27	8.1	17.2	530
M359062		2.65	16.70	0.22	1.5	0.040	2.68	23.5	22.6	0.64	667	0.96	2.03	8.5	2.6	540
M359063		2.71	17.25	0.21	1.5	0.042	2.94	25.2	22.0	0.79	2090	1.02	1.80	8.7	2.6	540
M359064		2.85	18.30	0.23	1.6	0.035	2.83	26.1	24.6	0.81	713	1.03	2.41	9.0	2.8	590
M359065		2.84	18.45	0.22	1.5	0.036	2.82	27.0	23.9	0.83	712	0.92	2.42	9.1	2.9	590
M359066		2.90	18.30	0.23	1.6	0.040	2.67	24.4	37.7	0.78	735	1.22	2.24	9.3	3.1	620
M359067		2.85	17.15	0.23	1.5	0.036	2.66	29.6	47.0	0.79	1900	1.24	1.31	8.9	3.1	570
M359068		2.73	17.65	0.22	1.6	0.032	2.85	21.2	78.1	0.84	2790	1.29	0.99	9.0	2.7	550
M359069		2.97	18.15	0.20	1.4	0.039	2.95	20.7	18.2	0.68	2580	1.49	1.99	9.1	3.0	630
M359070		2.67	17.00	0.05	1.3	0.037	2.58	17.9	97.8	0.74	3720	1.18	0.58	8.3	3.0	560
M359071		2.52	17.15	0.10	1.4	0.030	2.58	21.7	25.8	0.64	599	0.93	2.28	8.1	2.5	510
M359072		2.63	16.25	0.11	1.4	0.032	2.60	19.9	28.6	0.71	704	2.33	2.07	8.6	2.5	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359037		74.3	115.0	<0.002	0.01	6.37	10.3	1	1.6	224	0.63	<0.05	13.3	0.261	1.18	1.9
M359038		62.6	121.5	<0.002	0.15	16.70	10.7	1	2.3	128.5	0.64	<0.05	14.3	0.267	1.44	3.1
M359039		15.7	90.1	0.002	0.05	29.4	10.2	1	1.5	82.2	0.64	<0.05	13.8	0.249	1.08	2.4
M359040		1390	154.0	<0.002	3.15	32.7	8.4	1	5.6	147.5	0.58	0.26	11.8	0.212	2.46	4.9
M359041		23.0	93.2	<0.002	0.25	30.0	9.5	1	1.3	158.0	0.56	<0.05	12.7	0.226	1.44	3.8
M359042		26.7	115.5	<0.002	0.59	21.6	9.1	1	1.2	189.0	0.54	<0.05	12.6	0.213	1.57	5.7
M359043		1.6	2.2	<0.002	<0.01	0.21	0.2	1	<0.2	49.6	<0.05	<0.05	0.2	0.005	0.04	0.7
M359044		19.5	104.0	<0.002	0.02	5.75	9.3	1	1.2	311	0.61	<0.05	12.2	0.255	1.22	2.7
M359045		20.0	98.5	<0.002	0.01	2.57	9.9	1	1.3	347	0.64	<0.05	12.7	0.251	1.09	2.7
M359046		20.5	111.5	<0.002	0.32	41.6	9.4	1	1.4	156.5	0.60	0.05	12.1	0.238	1.64	3.6
M359047		19.7	103.0	<0.002	0.01	3.11	10.1	2	1.3	347	0.65	<0.05	12.8	0.253	1.19	2.9
M359048		19.3	112.0	<0.002	0.01	3.38	10.5	<1	1.4	344	0.65	<0.05	13.9	0.252	1.13	3.0
M359049		20.5	98.4	<0.002	0.04	3.33	9.1	<1	1.3	285	0.68	<0.05	11.7	0.233	1.18	3.2
M359050		19.7	105.0	<0.002	0.01	2.69	10.6	1	1.5	349	0.67	<0.05	13.7	0.256	1.22	3.7
M359051		20.1	115.0	<0.002	0.01	2.61	11.2	1	1.4	360	0.63	<0.05	15.0	0.251	1.08	3.9
M359052		22.6	109.5	<0.002	0.01	2.07	10.4	<1	1.4	408	0.62	<0.05	14.2	0.249	1.11	3.3
M359053		23.0	112.5	<0.002	0.01	3.49	10.4	<1	1.5	324	0.70	<0.05	14.5	0.250	1.19	2.7
M359054		24.5	113.5	<0.002	0.01	3.07	12.3	1	2.0	375	0.61	<0.05	13.4	0.255	1.15	3.6
M359055		22.8	104.5	0.002	0.10	23.7	12.0	1	2.1	140.5	0.60	<0.05	13.5	0.254	1.60	5.5
M359056		1.3	1.5	<0.002	<0.01	0.06	0.2	1	0.2	39.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.4
M359057		23.2	106.0	0.002	0.01	3.23	11.7	1	1.7	390	0.65	<0.05	12.9	0.264	1.22	4.3
M359058		21.7	113.0	0.002	0.01	3.01	12.2	1	1.9	382	0.67	<0.05	13.1	0.261	1.23	3.2
M359059		18.9	112.0	<0.002	0.03	3.67	10.5	1	2.1	325	0.68	<0.05	11.7	0.243	1.26	3.2
M359060		20.6	117.0	<0.002	0.02	3.27	11.1	1	2.0	367	0.72	<0.05	12.2	0.250	1.27	3.5
M359061		1405	172.0	0.002	3.10	35.4	10.1	2	6.3	154.0	0.60	0.28	13.0	0.215	2.62	5.3
M359062		23.4	112.5	<0.002	0.01	2.51	10.8	1	1.7	325	0.70	<0.05	12.9	0.232	1.09	4.4
M359063		24.8	121.0	<0.002	0.14	5.57	10.6	1	1.7	304	0.74	<0.05	13.3	0.232	1.37	4.3
M359064		19.2	112.5	<0.002	0.01	1.39	12.1	1	1.7	410	0.68	<0.05	14.1	0.244	1.04	3.6
M359065		20.5	107.5	<0.002	0.01	1.26	12.1	1	1.7	421	0.67	<0.05	14.3	0.244	1.07	4.0
M359066		19.0	83.0	<0.002	0.01	2.33	11.6	1	1.7	393	0.64	<0.05	11.9	0.256	1.04	3.4
M359067		45.7	119.0	<0.002	0.37	12.80	12.1	1	2.2	426	0.66	<0.05	13.4	0.244	1.25	5.7
M359068		24.6	102.0	<0.002	0.12	15.65	10.4	1	1.9	218	0.71	<0.05	11.5	0.231	1.42	4.3
M359069		34.7	111.5	<0.002	0.18	126.5	11.7	1	1.8	341	0.60	<0.05	10.9	0.264	1.38	3.3
M359070		18.2	87.7	<0.002	0.38	23.0	11.4	1	1.5	176.5	0.59	<0.05	9.0	0.246	1.46	4.4
M359071		18.3	101.0	<0.002	0.01	2.11	10.7	1	1.4	369	0.68	<0.05	11.5	0.221	1.03	3.0
M359072		18.9	96.9	<0.002	0.02	2.14	11.0	1	1.4	323	0.70	<0.05	10.2	0.241	1.04	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359037		70	2.5	15.8	99	26.7	<1
M359038		72	4.1	16.5	177	28.8	<1
M359039		67	4.7	15.3	81	26.9	<1
M359040		59	5.3	10.8	3080	34.8	10
M359041		63	2.8	14.3	64	24.2	<1
M359042		57	1.8	15.7	69	22.4	<1
M359043		3	0.1	0.9	14	<0.5	<1
M359044		69	0.8	14.7	55	23.6	1
M359045		69	1.0	15.6	52	25.5	<1
M359046		65	2.6	15.4	73	26.3	1
M359047		67	0.7	15.9	51	28.5	<1
M359048		67	0.8	16.2	51	29.8	<1
M359049		62	1.0	14.7	46	29.1	1
M359050		68	1.0	17.6	51	30.6	<1
M359051		69	0.9	18.0	52	28.4	1
M359052		68	1.1	16.7	55	27.9	1
M359053		64	1.7	16.7	51	34.8	<1
M359054		71	0.9	18.1	68	37.1	<1
M359055		70	4.4	13.4	67	33.1	<1
M359056		2	0.1	0.8	14	<0.5	<1
M359057		73	0.9	17.4	66	35.9	1
M359058		71	1.2	17.4	58	38.6	<1
M359059		66	4.0	15.7	51	37.4	<1
M359060		68	3.6	16.3	57	39.2	<1
M359061		59	5.3	12.1	3090	40.0	10
M359062		63	1.6	16.4	61	36.5	<1
M359063		62	1.8	16.5	86	38.8	<1
M359064		67	1.3	18.2	56	41.5	<1
M359065		66	1.3	18.2	57	40.4	<1
M359066		69	1.6	16.4	60	42.6	<1
M359067		68	2.4	18.9	72	38.8	3
M359068		64	2.7	16.3	90	41.5	1
M359069		72	2.3	15.6	72	37.7	5
M359070		68	2.5	14.7	69	37.6	1
M359071		60	1.3	15.7	46	38.2	<1
M359072		65	1.1	15.7	57	38.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 111

Finalized Date: 10-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197784

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197785

Project: Klaza - 111

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

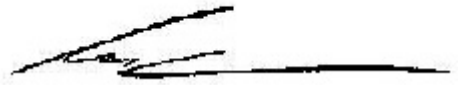
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197785

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359073		2.80	<0.005	0.07	7.66	6.9	2340	1.64	0.07	2.82	0.10	46.3	7.5	8	11.00	4.0
M359074		4.43	<0.005	0.09	7.91	5.5	2560	1.52	0.08	2.47	0.10	50.8	7.2	11	10.35	8.5
M359075		2.71	0.018	0.25	8.27	14.8	2450	1.22	0.30	1.32	0.34	56.3	7.6	8	11.45	14.1
M359076		3.08	<0.005	0.04	0.07	<5	20	0.06	0.02	21.2	0.08	1.17	0.6	<1	0.14	1.4
M359077		3.88	<0.005	0.05	7.63	5.4	2110	1.44	0.05	2.71	0.08	44.1	6.1	7	11.95	3.5
M359078		0.26	0.730	10.00	6.95	1645	780	1.61	5.92	2.01	43.8	45.6	17.7	18	16.80	112.0
M359079		7.52	<0.005	0.06	7.75	7.0	2280	1.60	0.04	3.00	0.11	47.6	8.0	10	11.55	4.7
M359080		2.74	<0.005	0.06	7.56	18.4	2070	1.51	0.06	2.52	0.18	50.8	7.2	8	13.00	4.8
M359081		5.31	<0.005	0.05	7.91	8.8	2380	1.52	0.04	2.87	0.17	47.0	7.5	10	10.50	3.6
M359082		2.59	0.005	0.08	7.56	18.6	2000	1.62	0.04	2.66	0.08	45.1	6.9	9	10.35	3.3
M359083		4.27	<0.005	0.04	7.53	9.6	2180	1.62	0.04	2.80	0.09	46.8	7.3	9	9.00	4.3
M359084		2.78	<0.005	0.06	7.04	17.1	2070	1.56	0.07	2.69	0.13	50.0	7.1	9	9.24	10.6
M359085		4.84	<0.005	0.06	6.79	15.3	2220	1.46	0.08	2.61	0.11	47.7	7.0	9	9.13	5.0
M359086		<0.02	<0.005	0.11	6.47	22.3	2240	1.40	0.16	2.38	0.12	42.8	7.5	8	9.31	9.0
M359087		3.52	<0.005	0.13	6.96	21.7	2330	1.39	0.21	2.54	0.18	48.4	7.7	9	9.74	10.0
M359088		4.14	<0.005	0.06	6.71	14.4	2130	1.48	0.09	2.57	0.10	46.4	6.9	11	10.20	4.5
M359089		4.52	<0.005	0.10	6.69	26.7	1950	1.49	0.06	2.44	0.20	39.5	7.1	8	13.40	3.9
M359090		3.37	<0.005	0.02	0.06	<5	30	<0.05	0.15	20.2	0.05	1.32	0.6	<1	0.12	3.4
M359091		5.40	<0.005	0.08	6.06	15.7	760	2.07	0.33	0.64	0.07	38.7	1.9	3	17.60	11.6
M359092		4.37	<0.005	0.08	7.57	6.9	1750	1.18	0.14	1.23	0.09	47.8	6.9	7	12.10	20.2
M359093		3.61	<0.005	0.04	7.04	8.4	1980	1.45	0.18	2.12	0.09	46.5	6.7	9	11.50	13.0
M359094		1.25	<0.005	0.04	7.24	8.8	1940	1.33	0.16	1.71	0.08	48.2	6.5	8	12.70	9.4
M359095		2.24	<0.005	0.09	7.11	19.1	2910	1.28	0.16	1.61	0.16	51.0	6.4	7	10.70	10.1
M359096		4.14	<0.005	0.05	7.49	7.1	2220	1.21	0.13	1.54	0.08	45.8	6.1	8	12.75	31.7
M359097		4.21	<0.005	0.04	6.37	8.9	2710	1.48	0.37	2.31	0.13	43.0	5.5	7	11.55	12.8
M359098		3.69	0.009	0.14	6.43	40.2	2440	1.75	2.89	1.70	0.19	46.3	8.7	7	17.00	29.3
M359099		5.09	<0.005	0.21	6.82	11.8	800	1.96	0.44	2.56	0.07	52.2	5.8	17	15.25	6.5
M359100		6.70	<0.005	0.10	6.44	6.1	1430	1.77	0.25	2.92	0.04	49.4	5.8	14	15.20	4.9
M359101		0.26	0.778	9.54	6.36	1720	380	1.47	5.95	1.86	40.8	45.4	16.2	19	14.75	105.5
M359102		7.79	<0.005	0.42	7.00	8.8	1460	1.81	0.23	2.11	0.07	50.6	5.1	16	18.45	3.9
M359103		7.04	<0.005	0.08	6.77	4.8	1530	1.66	0.11	2.44	0.04	50.3	5.1	15	18.90	2.6
M359104		8.38	<0.005	0.05	6.68	6.9	1640	1.77	0.09	2.67	0.04	51.0	6.0	19	22.9	2.6
M359105		8.80	0.005	0.12	6.93	10.7	1410	2.03	0.25	3.10	0.24	49.6	6.2	15	27.8	10.9
M359106		8.09	<0.005	0.05	6.53	5.4	1030	2.09	0.05	0.76	0.13	36.2	0.9	3	22.1	0.7
M359107		7.59	<0.005	0.11	6.22	10.3	1300	2.15	0.45	2.06	0.16	36.1	4.1	7	22.1	5.6
M359108		7.61	<0.005	0.05	6.72	7.0	1020	1.94	0.11	3.27	0.08	52.5	5.8	16	23.2	7.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359073		2.92	17.00	0.13	1.5	0.029	2.83	23.3	20.9	0.83	778	0.75	2.21	8.1	2.7	600
M359074		2.87	16.60	0.12	1.5	0.025	2.99	28.9	18.5	0.80	679	0.70	2.24	7.8	2.4	590
M359075		2.84	17.55	0.14	1.5	0.031	2.99	31.6	35.8	0.72	873	0.76	0.41	8.1	2.4	640
M359076		0.45	0.24	0.15	<0.1	<0.005	0.02	0.6	1.3	12.80	203	0.23	0.01	0.2	1.3	250
M359077		2.67	15.15	0.11	1.4	0.022	2.65	22.8	21.4	0.71	638	0.69	2.05	6.7	2.2	570
M359078		5.36	15.90	0.13	1.4	0.969	2.95	24.0	26.3	0.73	2050	12.90	0.28	7.4	14.6	510
M359079		2.96	17.25	0.13	1.4	0.034	2.58	26.0	23.6	0.82	710	1.15	2.38	7.9	2.7	640
M359080		2.80	16.30	0.12	1.4	0.025	2.80	26.9	29.7	0.76	796	1.10	1.61	7.7	2.3	590
M359081		2.85	16.35	0.15	1.4	0.026	2.80	24.6	19.8	0.76	691	1.02	2.44	7.6	2.5	590
M359082		2.72	16.10	0.13	1.4	0.021	2.86	22.5	23.1	0.77	769	0.97	2.05	7.2	2.3	550
M359083		2.83	16.25	0.12	1.4	0.022	2.70	23.8	21.3	0.79	689	1.09	2.31	7.5	2.4	560
M359084		2.77	17.15	0.18	1.6	0.032	2.57	23.1	19.3	0.73	668	1.63	2.11	7.7	5.2	570
M359085		2.71	15.80	0.18	1.5	0.034	2.53	21.1	15.9	0.71	636	2.53	2.16	7.1	2.5	530
M359086		2.73	15.50	0.18	1.4	0.044	2.73	19.0	14.5	0.77	711	1.27	2.09	6.9	2.5	500
M359087		2.89	16.25	0.19	1.5	0.042	2.82	24.0	14.8	0.84	749	1.34	2.15	7.3	2.6	550
M359088		2.77	16.55	0.19	1.6	0.041	2.61	21.3	12.9	0.66	661	1.04	2.14	7.5	2.6	540
M359089		2.66	16.05	0.18	1.4	0.033	2.86	17.0	28.5	0.67	1030	4.22	0.88	7.1	2.5	550
M359090		0.47	0.20	0.16	<0.1	0.006	0.02	0.6	1.1	12.60	201	0.16	0.01	0.2	1.5	410
M359091		0.80	13.90	0.21	2.4	0.014	1.76	18.8	160.0	0.29	270	0.91	0.04	9.7	1.1	100
M359092		2.77	17.35	0.17	1.7	0.035	2.79	21.5	43.3	0.55	794	0.56	0.08	8.4	2.5	590
M359093		3.08	16.80	0.17	1.4	0.045	3.00	21.1	44.8	0.87	789	0.61	0.89	8.0	2.8	590
M359094		2.97	17.35	0.20	1.4	0.044	3.13	21.3	47.2	0.75	707	0.58	0.76	8.1	2.6	580
M359095		2.99	16.90	0.21	1.5	0.037	3.01	23.7	37.5	0.74	855	1.85	0.29	7.8	2.5	580
M359096		2.86	16.80	0.19	1.6	0.035	2.98	20.8	54.9	0.65	702	1.30	0.61	7.9	2.4	610
M359097		2.71	14.90	0.17	1.4	0.049	2.46	19.3	107.5	0.85	809	0.78	0.86	7.2	2.3	530
M359098		2.14	15.10	0.17	1.8	0.045	2.24	22.9	99.5	0.70	707	6.23	0.25	7.8	2.6	440
M359099		2.47	19.25	0.17	3.0	0.029	1.47	25.4	189.5	0.84	649	1.22	0.04	10.0	6.3	920
M359100		2.29	18.40	0.18	1.9	0.021	2.50	21.1	108.0	0.77	508	1.16	1.10	9.1	5.8	730
M359101		5.07	15.10	0.18	1.3	0.899	2.77	21.1	25.3	0.67	1970	12.15	0.26	6.9	15.1	470
M359102		2.12	18.20	0.18	1.9	0.027	2.45	24.0	72.9	0.77	468	1.30	0.77	9.2	5.6	710
M359103		2.06	17.95	0.19	1.9	0.024	2.42	24.3	61.1	0.75	459	1.15	0.72	9.1	5.5	700
M359104		2.27	18.10	0.19	1.9	0.030	2.58	24.2	92.0	0.81	524	1.22	1.62	9.0	6.3	740
M359105		2.38	18.25	0.19	2.6	0.028	2.80	23.8	156.5	0.82	715	1.57	0.72	9.6	5.4	790
M359106		0.82	15.70	0.20	2.6	0.011	2.78	17.3	19.2	0.27	273	0.45	0.04	11.0	0.9	110
M359107		1.41	16.20	0.20	2.4	0.022	2.69	15.7	124.0	0.42	421	0.92	0.08	9.7	2.6	400
M359108		2.07	18.10	0.19	2.4	0.027	2.26	24.7	202	0.75	479	0.86	0.15	9.3	5.9	790

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359073		20.1	108.5	<0.002	0.02	2.56	10.5	2	1.7	351	0.64	0.06	12.0	0.267	1.08	3.8
M359074		20.3	115.0	<0.002	0.01	2.21	10.3	1	1.6	364	0.63	<0.05	12.9	0.262	1.15	3.8
M359075		23.0	119.5	0.002	0.14	16.30	11.1	1	1.7	115.5	0.59	<0.05	14.8	0.278	1.27	6.1
M359076		2.6	1.3	<0.002	<0.01	0.11	0.2	1	0.2	44.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359077		18.4	95.3	<0.002	0.02	3.59	8.8	1	1.3	341	0.58	<0.05	13.2	0.245	1.06	3.5
M359078		1400	168.5	<0.002	3.12	35.1	9.1	2	6.0	153.5	0.59	0.34	11.5	0.214	2.29	5.2
M359079		19.1	94.6	<0.002	0.03	2.23	11.0	1	1.7	402	0.58	<0.05	12.4	0.275	0.97	3.5
M359080		20.1	115.0	<0.002	0.20	6.36	10.6	1	1.6	246	0.60	<0.05	12.8	0.260	1.21	4.1
M359081		20.4	102.5	<0.002	0.03	2.37	10.0	1	1.5	392	0.59	<0.05	12.6	0.261	1.02	4.2
M359082		19.3	103.0	<0.002	0.22	5.12	9.4	1	1.5	294	0.60	<0.05	12.9	0.241	1.21	4.6
M359083		18.5	97.5	<0.002	0.04	2.67	9.8	2	1.5	364	0.61	<0.05	12.3	0.255	0.97	4.9
M359084		22.5	106.5	0.002	0.06	4.08	10.2	<1	1.5	324	0.67	<0.05	13.3	0.246	1.18	4.0
M359085		18.3	99.2	0.002	0.05	2.96	9.3	<1	1.4	355	0.63	<0.05	12.7	0.236	1.14	3.5
M359086		20.0	98.1	<0.002	0.09	3.95	8.5	<1	1.4	308	0.60	<0.05	11.6	0.224	1.25	3.2
M359087		21.6	113.5	<0.002	0.09	3.95	9.3	<1	1.5	321	0.63	<0.05	13.5	0.236	1.27	3.9
M359088		17.9	94.5	0.002	0.04	2.64	9.1	<1	1.5	353	0.62	<0.05	12.7	0.243	1.14	3.3
M359089		20.2	104.0	<0.002	0.12	8.46	9.1	<1	1.4	211	0.58	0.05	11.0	0.239	1.43	3.4
M359090		1.8	1.0	<0.002	0.01	0.11	0.2	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359091		19.2	87.8	0.003	0.03	25.8	2.0	<1	2.9	139.0	1.13	<0.05	14.7	0.055	0.84	9.8
M359092		19.0	116.5	<0.002	0.03	15.05	10.7	<1	3.1	126.5	0.80	<0.05	14.0	0.258	1.23	3.2
M359093		13.0	117.5	<0.002	0.04	11.25	10.7	<1	2.3	236	0.66	<0.05	12.5	0.262	1.40	3.0
M359094		14.2	131.0	<0.002	0.04	13.05	10.6	1	1.7	209	0.68	0.05	13.0	0.258	1.45	2.7
M359095		16.7	117.5	<0.002	0.14	15.60	10.9	<1	1.7	162.0	0.64	<0.05	14.1	0.253	1.50	3.9
M359096		18.5	119.0	<0.002	0.02	11.70	10.2	<1	5.2	258	0.67	<0.05	13.0	0.264	1.33	2.2
M359097		19.1	93.7	<0.002	0.06	13.90	9.0	<1	2.2	249	0.61	<0.05	11.9	0.229	1.27	2.1
M359098		32.3	96.2	0.003	0.18	28.0	7.2	<1	7.5	186.0	0.76	<0.05	13.1	0.183	1.16	5.3
M359099		17.5	39.4	<0.002	0.02	16.30	6.4	<1	1.4	444	0.77	<0.05	9.4	0.276	0.75	4.4
M359100		19.1	73.0	<0.002	0.01	6.30	5.0	<1	1.4	419	0.75	<0.05	9.5	0.233	1.25	5.0
M359101		1325	155.5	<0.002	2.97	33.3	8.4	<1	5.7	145.0	0.57	0.27	12.4	0.200	2.53	4.5
M359102		18.3	87.2	<0.002	0.01	11.50	5.5	<1	1.3	341	0.74	<0.05	10.4	0.232	1.07	4.2
M359103		21.0	86.4	<0.002	0.01	9.75	5.5	<1	1.3	323	0.75	<0.05	9.9	0.228	1.09	4.0
M359104		18.7	94.0	<0.002	0.01	4.67	5.9	<1	1.4	506	0.71	<0.05	9.7	0.236	1.05	4.6
M359105		32.9	103.5	0.002	0.04	9.12	6.4	<1	1.4	544	0.79	<0.05	10.2	0.254	1.44	4.6
M359106		27.1	148.0	<0.002	0.04	5.67	1.9	<1	1.4	129.0	1.30	<0.05	15.0	0.060	1.50	4.8
M359107		26.5	109.5	0.002	0.05	11.10	4.3	<1	1.9	263	1.00	<0.05	11.3	0.150	1.48	5.9
M359108		19.7	74.9	<0.002	0.04	11.45	5.9	<1	1.8	443	0.78	0.06	9.8	0.252	1.25	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197785

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359073		68	0.8	16.3	55	36.5	<1
M359074		66	1.3	16.6	55	35.2	<1
M359075		72	5.7	16.3	79	37.0	<1
M359076		2	0.1	0.8	17	<0.5	<1
M359077		64	0.9	13.7	47	32.0	<1
M359078		57	5.2	11.5	3020	39.9	10
M359079		70	2.1	16.4	56	36.1	<1
M359080		67	1.3	15.4	57	34.7	<1
M359081		66	1.1	15.8	54	35.9	<1
M359082		62	1.8	14.9	50	35.6	<1
M359083		66	1.4	15.3	52	34.8	<1
M359084		68	1.4	15.2	55	38.0	<1
M359085		63	1.3	14.4	48	35.6	<1
M359086		59	1.6	13.7	52	36.7	<1
M359087		62	1.8	15.1	55	38.3	<1
M359088		66	1.4	14.3	49	38.0	<1
M359089		66	2.0	13.3	54	35.9	<1
M359090		3	0.1	0.8	14	<0.5	<1
M359091		9	2.2	12.2	28	56.3	<1
M359092		69	2.0	14.8	48	38.5	<1
M359093		72	2.5	14.8	48	31.5	<1
M359094		68	2.1	14.4	44	34.7	<1
M359095		70	2.1	15.9	52	35.7	<1
M359096		69	2.2	14.3	45	38.2	<1
M359097		61	1.7	13.9	51	33.4	<1
M359098		50	2.3	14.3	41	45.1	<1
M359099		62	2.3	11.9	53	101.5	<1
M359100		50	1.3	9.9	51	53.4	<1
M359101		56	4.8	10.6	2890	38.8	9
M359102		50	3.3	10.5	57	54.7	<1
M359103		49	1.6	10.7	49	57.8	<1
M359104		51	1.1	10.4	54	58.8	<1
M359105		55	1.5	11.6	70	83.6	<1
M359106		8	2.2	11.1	41	66.2	<1
M359107		32	2.9	10.0	47	63.8	<1
M359108		55	1.9	10.6	53	71.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 111

Finalized Date: 8-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197785

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197786

Project: Klaza - 111

P.O. No.: Batch 4

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

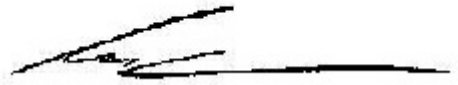
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197786

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359109		8.09	<0.005	0.06	6.91	11.4	3670	2.03	0.27	1.87	0.14	50.5	6.8	14	25.9	17.3
M359110		2.69	<0.005	0.05	6.52	9.1	850	2.51	0.39	1.12	0.12	37.3	2.3	2	24.3	12.3
M359111		3.93	<0.005	0.08	6.72	5.0	2180	1.65	0.42	2.33	0.15	38.9	7.6	10	21.4	7.3
M359112		4.74	<0.005	0.13	6.74	10.1	5030	1.91	0.54	2.73	0.31	41.8	7.4	6	23.9	5.5
M359113		2.05	<0.005	0.01	0.08	<5	40	0.05	0.02	19.80	0.05	1.28	1.4	<1	0.24	2.7
M359114		4.15	<0.005	0.15	6.33	8.7	610	2.34	0.15	1.12	0.22	45.9	2.2	4	22.3	1.6
M359115		8.28	<0.005	1.34	6.46	119.0	1430	2.37	0.84	1.81	2.76	40.4	3.0	6	20.3	16.4
M359116		7.97	<0.005	0.06	6.25	3.3	1240	2.13	0.11	4.12	0.17	41.7	3.9	8	20.7	1.1
M359117		8.41	<0.005	0.07	6.53	4.3	1390	2.18	0.10	2.76	0.19	43.0	4.7	9	24.7	1.0
M359118		8.99	<0.005	0.07	6.67	4.2	1270	2.20	0.09	3.44	0.23	42.0	4.4	9	27.5	0.8
M359119		<0.02	<0.005	0.08	6.86	4.4	1190	2.20	0.09	3.35	0.23	49.0	4.3	9	28.4	0.9
M359120		7.97	<0.005	0.11	6.66	4.1	1300	2.06	0.08	3.12	0.14	45.8	4.3	9	24.2	2.1
M359121		8.85	<0.005	0.09	6.58	5.2	500	2.29	0.05	3.32	0.13	41.6	4.4	9	19.30	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359109		1.91	18.15	0.16	2.7	0.032	2.21	25.6	279	0.66	578	0.85	0.04	11.0	4.1	800
M359110		1.01	17.10	0.15	2.5	0.013	2.36	19.3	164.5	0.39	336	0.84	0.04	11.9	0.8	140
M359111		2.67	17.60	0.21	1.3	0.042	2.84	18.6	132.5	0.65	777	1.29	1.20	9.1	2.2	570
M359112		2.48	16.55	0.22	1.1	0.040	2.54	21.6	310	0.83	831	1.12	0.07	7.9	1.7	510
M359113		0.41	0.45	0.32	<0.1	<0.005	0.04	0.6	2.2	11.75	189	0.37	0.01	0.5	<0.2	190
M359114		1.03	15.10	0.19	2.0	0.015	1.97	24.5	182.5	0.42	407	1.58	0.04	9.4	0.8	240
M359115		1.51	17.10	0.19	2.0	0.082	2.23	19.3	218	0.51	478	1.77	0.09	10.0	1.5	340
M359116		1.74	18.20	0.27	1.6	0.020	2.36	20.2	145.5	0.57	594	0.97	0.43	9.7	1.4	490
M359117		1.90	18.75	0.25	1.6	0.026	2.73	21.1	120.0	0.71	436	0.89	1.03	10.4	2.0	550
M359118		1.88	19.10	0.23	1.5	0.028	2.73	20.6	98.8	0.70	436	1.38	0.51	10.6	1.8	570
M359119		1.85	19.15	0.25	1.6	0.026	2.77	24.9	93.6	0.70	429	1.33	0.51	10.3	1.7	560
M359120		1.83	18.70	0.24	1.5	0.024	2.66	22.4	115.5	0.65	424	1.24	0.57	10.0	1.6	540
M359121		1.81	19.60	0.23	1.5	0.023	1.86	19.9	168.0	0.62	474	1.20	0.03	10.3	1.8	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359109		23.1	88.8	<0.002	0.14	18.40	7.0	1	2.8	601	0.81	<0.05	10.2	0.240	1.40	5.0
M359110		16.1	108.0	<0.002	0.03	18.85	2.8	1	2.8	216	1.23	<0.05	13.8	0.068	1.39	11.8
M359111		18.3	104.5	<0.002	0.02	7.15	11.2	1	2.0	315	0.67	<0.05	10.9	0.253	1.42	3.0
M359112		21.6	95.1	<0.002	0.15	22.5	10.4	1	3.8	292	0.60	<0.05	12.2	0.234	1.45	4.6
M359113		1.2	1.6	<0.002	<0.01	0.06	0.3	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359114		18.5	86.6	<0.002	0.04	12.05	3.6	1	1.4	260	0.87	<0.05	11.6	0.100	1.13	8.5
M359115		132.5	79.0	<0.002	0.20	14.25	4.1	1	1.5	317	0.88	<0.05	9.8	0.140	1.45	5.8
M359116		25.0	75.0	<0.002	0.02	6.41	5.4	1	1.4	426	0.73	<0.05	8.1	0.192	1.41	5.1
M359117		22.6	102.0	<0.002	0.01	3.50	6.1	1	1.5	567	0.76	<0.05	8.6	0.220	1.60	4.9
M359118		22.4	95.1	<0.002	0.01	3.85	6.0	1	1.7	533	0.74	<0.05	8.3	0.231	1.72	4.8
M359119		21.2	103.0	<0.002	0.01	4.01	6.0	1	1.8	528	0.75	<0.05	9.2	0.216	1.69	5.1
M359120		22.7	99.4	<0.002	0.01	3.70	5.9	1	1.2	500	0.72	<0.05	8.7	0.222	1.61	5.3
M359121		24.5	59.8	<0.002	0.02	7.28	5.5	1	1.2	344	0.75	<0.05	7.9	0.222	1.33	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-SEP-2012
Account: ROCKHA

Project: Klaza - 111

CERTIFICATE OF ANALYSIS WH12197786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359109		50	5.6	12.5	58	102.5	<1
M359110		10	2.7	13.1	43	65.9	<1
M359111		69	2.3	14.4	54	34.0	<1
M359112		64	4.6	15.1	59	29.5	<1
M359113		2	0.1	0.9	15	<0.5	<1
M359114		18	2.0	10.7	38	54.1	<1
M359115		26	1.9	9.9	237	54.2	<1
M359116		38	1.4	10.7	58	45.1	<1
M359117		42	1.5	10.9	59	45.2	<1
M359118		43	1.4	10.5	64	44.6	<1
M359119		42	1.3	11.2	63	45.2	<1
M359120		42	1.3	10.2	61	40.9	<1
M359121		42	2.0	9.2	71	44.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 111

Finalized Date: 6-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12197786

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

CERTIFICATE WH12197787

Project: Klaza - 114

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER J TARSWELL	HEATHER SMITH JARED TARSWELL	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

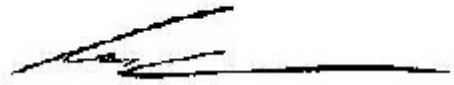
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12197787

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N814718		2.11	0.025		2.83	7.31	40.9	2030	1.29	4.64	0.82	1.15	52.0	4.2	12	6.41
N814719		1.74	0.023		8.63	7.66	26.5	2070	1.10	4.15	0.14	0.18	58.1	1.4	8	11.05
N814720		3.52	0.027		2.71	7.47	40.2	2150	1.36	3.19	0.46	0.71	53.2	2.7	11	6.18
N814721		5.25	0.022		0.88	7.46	32.2	2410	1.43	1.79	0.21	0.31	60.4	4.7	10	18.95
N814722		3.80	0.010		0.62	7.60	8.8	2120	1.73	0.73	1.40	1.69	50.7	9.9	9	6.99
N814723		2.38	0.025		0.41	7.76	13.8	2100	1.85	0.94	1.28	1.84	50.6	7.4	9	8.47
N814724		3.74	0.014		0.61	7.70	19.3	2480	1.77	2.13	0.87	3.72	52.2	9.0	9	11.80
N814725		4.71	0.009		0.39	8.27	28.3	1700	2.09	0.70	0.25	6.37	48.3	12.7	9	17.20
N814726		3.58	<0.005		0.41	7.82	9.7	1810	1.93	0.80	0.96	2.35	62.3	9.7	8	13.10
N814727		2.78	<0.005		0.01	0.05	<5	30	0.06	0.02	20.8	0.07	1.16	1.1	<1	0.11
N814728		6.41	0.011		0.30	7.72	10.0	2220	1.64	1.19	1.50	1.50	46.4	8.0	10	9.34
N814729		0.26	2.35		25.3	5.94	2750	1370	1.33	19.25	2.13	78.2	44.7	11.3	18	14.50
N814730		2.71	0.006		0.24	7.78	8.8	2520	1.77	0.38	1.82	1.33	45.6	8.3	9	9.34
N814731		2.38	0.011		0.40	7.24	19.7	2120	1.63	0.36	2.13	1.98	41.1	8.1	9	14.00
N814732		5.25	0.005		0.32	7.67	14.2	2120	1.68	0.57	1.16	2.30	48.8	8.4	8	12.35
N814733		<0.02	0.006		0.36	7.80	13.9	2180	1.78	0.62	1.20	2.53	49.5	8.8	9	12.95
N814734		3.95	0.225		0.48	7.43	11.4	2060	2.00	17.80	1.37	4.04	66.1	10.0	8	13.20
N814735		3.47	0.027		1.81	7.47	35.3	1860	1.45	3.32	0.91	3.93	50.1	9.2	8	16.95
N814736		2.17	0.020		9.27	6.86	32.9	1360	1.38	18.40	0.06	0.35	58.9	1.2	6	9.35
N814737		3.19	0.028		1.04	6.99	57.4	1820	1.42	2.22	0.22	4.01	61.5	5.2	7	14.10
N814738		3.26	0.028		1.05	7.82	33.1	1210	1.98	3.24	0.86	7.52	74.4	9.8	9	15.40
N814739		2.43	0.024		0.75	7.96	33.9	2240	1.85	2.72	1.09	4.96	54.5	7.3	9	16.35
N814740		3.42	0.009		0.57	7.91	37.7	1750	1.78	1.06	0.68	17.25	55.7	10.7	10	16.65
N814741		0.26	2.29		25.0	5.75	3350	640	1.40	20.8	2.12	72.9	41.5	10.7	17	14.05
N814742		2.64	0.025		0.63	7.99	61.6	840	1.87	1.33	1.24	23.2	55.2	13.2	8	22.4
N814743		3.18	0.010		0.90	7.99	85.5	1690	1.98	1.03	1.03	12.40	57.9	8.0	7	28.3
N814744		1.15	0.028		1.37	8.14	96.5	5230	3.16	1.74	1.17	25.3	65.7	10.7	6	46.3
N814745		4.15	0.006		0.26	7.87	70.2	1250	2.46	0.66	1.67	22.3	54.8	5.7	5	26.5
N814746		3.57	0.415		2.83	7.18	225	410	1.80	4.79	0.59	11.55	54.2	7.2	8	21.1
N814747		3.42	<0.005		0.01	0.07	<5	20	<0.05	0.02	20.5	0.13	1.32	1.0	<1	0.17
N814748		2.70	0.010		0.87	7.69	49.2	620	1.60	1.91	0.32	2.62	59.2	7.5	6	17.05
N814749		6.43	0.133		3.55	7.02	148.5	270	1.33	6.08	0.87	4.98	53.2	5.7	12	14.00
N814750		2.93	>10.0	11.90	>100	5.09	830	330	1.69	525	0.98	202	39.1	6.4	7	21.2
N814751		3.23	2.13		1.82	7.08	64.7	1430	1.57	2.93	2.38	0.57	50.1	48.0	8	22.9
N814752		2.93	0.042		0.99	7.22	15.5	2050	1.60	2.16	2.39	0.71	50.3	7.6	9	13.70
N814753		1.22	0.019		0.32	7.45	14.4	2120	1.75	1.37	2.54	0.19	48.9	7.7	10	14.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12197787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814718		63.5	3.72	15.65	0.08	1.2	0.197	2.82	29.1	12.6	0.48	338	2.71	1.05	8.3	4.4
N814719		41.9	3.46	17.50	0.09	1.2	0.176	3.30	34.1	7.6	0.28	99	1.86	0.10	7.1	2.7
N814720		39.7	2.60	16.65	0.08	1.1	0.175	3.17	29.7	11.0	0.46	227	2.38	0.82	7.7	3.4
N814721		59.5	5.09	15.80	0.08	1.0	0.272	3.33	34.3	11.4	0.30	221	2.73	0.32	6.3	2.6
N814722		55.6	3.02	17.75	0.11	1.1	0.101	2.70	27.5	14.4	0.62	637	6.36	1.97	8.6	3.7
N814723		61.9	3.26	18.30	0.10	1.2	0.113	2.84	28.8	14.2	0.59	495	3.26	1.95	9.0	3.7
N814724		73.5	3.88	17.05	0.07	1.1	0.166	3.06	29.5	15.4	0.41	594	9.54	1.44	8.2	3.2
N814725		204	4.24	17.75	0.08	1.3	0.102	3.10	27.3	26.6	0.28	808	3.18	0.64	9.5	4.2
N814726		70.9	4.00	17.65	0.10	1.2	0.126	2.96	36.4	15.9	0.62	574	3.26	1.48	8.7	3.0
N814727		2.5	0.46	0.36	0.22	<0.1	<0.005	0.02	0.6	1.0	13.35	192	0.09	0.01	0.2	0.6
N814728		85.9	3.18	17.70	0.09	1.1	0.120	2.69	26.1	12.8	0.72	485	4.61	2.23	8.8	3.4
N814729		437	6.30	15.10	0.07	1.0	1.765	2.57	25.6	27.1	0.90	1830	14.20	0.04	6.6	16.8
N814730		55.2	3.14	18.20	0.10	1.0	0.073	2.72	25.2	17.2	0.72	488	4.51	2.25	8.8	3.4
N814731		67.0	2.98	17.25	0.12	1.0	0.051	2.61	21.6	33.8	0.66	649	3.26	2.04	8.4	3.1
N814732		117.0	3.07	18.10	0.12	1.1	0.099	2.75	27.6	22.9	0.45	497	4.24	1.49	9.0	3.4
N814733		119.0	3.16	18.95	0.14	1.1	0.103	2.77	28.5	23.6	0.46	516	4.28	1.47	9.2	3.5
N814734		67.3	3.23	17.25	0.12	1.0	0.143	2.85	37.8	16.6	0.59	735	26.0	1.53	8.4	3.5
N814735		59.2	4.43	15.50	0.14	1.1	0.137	2.92	25.3	29.9	0.35	762	4.65	0.28	8.5	3.6
N814736		57.4	2.18	12.35	0.08	1.7	0.093	3.22	32.7	9.7	0.24	79	5.27	0.08	7.3	1.6
N814737		106.0	4.49	14.90	0.14	1.0	0.242	3.01	33.9	28.4	0.23	237	11.90	0.07	7.2	2.8
N814738		163.5	3.40	16.20	0.13	1.2	0.211	2.97	41.3	33.3	0.39	923	8.66	0.32	8.6	4.7
N814739		171.0	3.71	16.10	0.14	1.2	0.157	3.07	30.6	14.5	0.40	510	11.60	1.01	9.1	3.6
N814740		265	4.14	15.90	0.15	1.1	0.079	2.83	30.1	20.1	0.38	915	3.16	0.56	8.4	3.9
N814741		440	6.41	13.30	0.17	0.9	1.540	2.66	21.8	24.7	0.88	1860	12.80	0.04	6.2	16.0
N814742		322	3.39	16.50	0.13	1.1	0.114	2.92	27.8	24.6	0.53	1740	3.01	0.05	8.9	4.6
N814743		380	3.21	18.40	0.14	1.7	0.101	2.74	30.8	22.0	0.46	799	2.33	0.07	8.7	3.8
N814744		756	3.79	17.25	0.14	2.0	0.091	2.98	33.2	21.7	0.54	630	3.95	0.05	9.9	4.5
N814745		416	2.58	20.2	0.13	2.4	0.047	2.67	27.2	28.1	0.57	909	2.35	0.07	9.7	3.5
N814746		404	5.94	14.75	0.20	1.1	0.272	3.16	28.7	11.7	0.52	1460	3.33	0.06	6.1	3.8
N814747		3.5	0.44	0.29	0.29	<0.1	0.007	0.02	0.6	0.8	12.75	197	0.11	0.01	0.3	2.3
N814748		113.5	5.81	14.95	0.16	1.3	0.287	3.49	32.7	8.4	0.58	982	1.97	0.06	6.3	2.9
N814749		69.9	5.33	17.35	0.15	1.9	0.118	2.95	28.6	19.8	0.54	644	1.94	0.05	6.9	4.1
N814750		2790	5.87	12.60	0.13	1.4	2.90	2.18	21.3	26.8	0.43	1230	3.27	0.04	6.0	3.8
N814751		139.0	3.76	17.30	0.12	1.4	0.202	2.56	26.9	28.4	0.54	872	0.62	0.10	8.5	3.3
N814752		46.0	3.02	16.75	0.16	1.7	0.125	2.76	26.1	15.8	0.74	468	0.93	1.82	8.8	3.0
N814753		46.8	3.31	17.05	0.14	1.6	0.124	2.85	25.6	15.5	0.79	526	0.76	1.94	8.9	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12197787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N814718		570	54.0	121.5	<0.002	0.31	7.30	11.9	2	4.6	204	0.63	0.23	12.0	0.268	1.51
N814719		370	148.5	159.5	<0.002	0.51	5.43	11.6	2	9.3	60.2	0.56	0.34	11.5	0.212	2.25
N814720		360	70.9	154.0	<0.002	0.24	5.90	12.0	2	8.5	161.5	0.59	0.29	9.7	0.229	1.83
N814721		670	39.7	161.0	<0.002	0.65	4.15	11.3	1	4.4	126.5	0.51	0.14	13.8	0.196	2.28
N814722		540	46.7	112.5	<0.002	0.06	1.86	12.1	1	2.9	305	0.67	0.06	12.0	0.241	1.27
N814723		590	47.1	120.0	<0.002	0.09	1.77	13.1	1	2.4	286	0.71	0.08	13.3	0.254	1.43
N814724		590	34.4	141.0	<0.002	0.19	3.24	11.7	1	3.3	224	0.67	0.71	12.9	0.236	1.62
N814725		620	32.5	138.0	<0.002	0.11	5.84	13.9	1	2.5	106.0	0.81	0.11	16.8	0.256	1.60
N814726		570	53.2	150.0	<0.002	0.22	1.31	12.8	2	3.4	218	0.73	0.08	15.7	0.240	1.63
N814727		180	1.4	1.0	<0.002	<0.01	<0.05	0.3	1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02
N814728		590	30.9	112.0	<0.002	0.14	1.32	12.2	1	2.4	332	0.65	0.12	12.1	0.262	1.22
N814729		420	2750	166.5	0.002	4.66	90.7	9.3	1	8.3	94.2	0.51	0.38	10.0	0.178	2.41
N814730		590	29.5	106.0	<0.002	0.17	1.04	12.7	1	2.1	374	0.63	0.05	11.8	0.263	1.22
N814731		560	58.9	97.2	<0.002	0.16	2.04	12.0	1	1.9	316	0.59	0.06	10.5	0.249	1.25
N814732		590	29.3	120.5	<0.002	0.30	7.58	12.6	1	2.2	227	0.65	0.12	13.4	0.257	1.37
N814733		600	30.4	126.5	<0.002	0.30	8.03	13.1	2	2.3	227	0.66	0.12	13.9	0.258	1.39
N814734		570	45.6	137.0	<0.002	0.85	4.48	13.2	2	2.9	232	0.61	9.19	12.5	0.239	1.63
N814735		710	74.6	118.0	<0.002	1.18	17.15	10.4	2	2.7	100.0	0.56	0.15	17.8	0.247	1.53
N814736		250	41.6	127.5	<0.002	0.60	6.81	7.2	3	9.2	51.2	0.87	0.39	12.1	0.145	1.53
N814737		560	38.5	140.0	<0.002	1.08	10.10	9.7	3	4.5	88.8	0.50	0.30	16.1	0.211	2.11
N814738		760	59.9	138.5	<0.002	1.13	14.50	12.6	3	3.7	85.9	0.64	0.38	16.5	0.247	1.92
N814739		630	35.3	124.0	0.002	0.61	8.20	12.4	2	3.9	208	0.63	0.27	16.2	0.255	1.74
N814740		660	58.9	117.5	<0.002	0.87	9.00	12.0	2	3.6	106.0	0.59	0.14	17.0	0.239	1.48
N814741		450	2790	153.5	<0.002	4.60	83.2	7.6	2	7.3	88.6	0.42	0.38	10.6	0.173	2.28
N814742		650	53.3	126.5	<0.002	0.72	27.5	11.6	2	3.3	49.1	0.64	0.14	16.0	0.253	2.07
N814743		800	48.1	132.5	<0.002	0.43	12.15	10.2	1	2.4	113.5	0.66	0.32	12.8	0.285	2.10
N814744		820	96.0	134.5	0.002	0.56	13.45	7.3	2	2.6	158.0	0.63	0.14	12.3	0.282	2.21
N814745		1110	27.4	101.5	<0.002	0.17	10.65	6.3	1	1.5	150.5	0.73	<0.05	8.8	0.323	1.75
N814746		730	128.0	183.0	0.002	3.98	13.55	10.2	3	7.6	85.2	0.47	0.50	14.8	0.176	2.41
N814747		200	1.4	1.1	<0.002	<0.01	0.06	0.2	1	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.02
N814748		640	46.0	182.0	0.002	3.21	10.70	11.0	2	7.9	30.7	0.59	0.12	13.2	0.194	2.38
N814749		630	91.5	174.0	<0.002	4.73	11.45	9.2	3	7.5	64.8	0.50	0.90	11.2	0.207	2.22
N814750		550	4820	117.5	<0.002	5.73	133.5	6.1	4	9.1	133.5	0.38	2.10	8.2	0.176	2.01
N814751		600	30.7	109.5	<0.002	1.50	11.05	11.1	2	3.5	115.0	0.70	0.66	12.4	0.257	1.85
N814752		620	31.5	121.0	<0.002	0.34	3.55	11.5	1	2.8	324	0.75	0.10	13.2	0.256	1.50
N814753		690	18.7	120.5	<0.002	0.39	3.38	12.3	1	3.1	334	0.79	0.08	13.4	0.271	1.58

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12197787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001
N814718		2.4	72	14.8	11.3	209	33.9	3	
N814719		2.0	63	43.5	7.6	190	33.0	9	
N814720		2.0	66	19.5	9.4	125	33.1	3	
N814721		3.2	64	9.3	10.5	182	28.8	1	
N814722		1.9	67	3.6	17.9	198	33.2	1	
N814723		2.2	70	2.9	15.7	194	32.4	1	
N814724		2.4	67	5.8	17.4	285	30.4	1	
N814725		6.0	74	3.5	18.4	349	36.4	<1	
N814726		3.5	70	12.8	16.6	228	34.9	1	
N814727		0.6	1	0.1	0.8	15	0.8	<1	
N814728		2.7	72	2.8	16.7	202	29.2	1	
N814729		5.0	54	5.5	10.3	5210	29.3	26	
N814730		2.2	72	2.0	17.5	148	28.9	<1	
N814731		1.9	67	3.0	16.2	210	29.3	1	
N814732		2.0	70	6.7	17.1	166	33.0	1	
N814733		2.1	70	6.9	17.6	167	33.3	1	
N814734		2.1	68	6.6	19.8	174	29.6	1	
N814735		2.8	68	11.3	17.9	303	31.2	2	
N814736		2.3	43	22.3	6.1	74	42.1	9	
N814737		3.4	67	10.8	8.8	266	30.7	1	
N814738		6.1	77	5.5	19.0	396	33.0	2	
N814739		5.1	77	10.2	13.6	284	33.0	1	
N814740		5.3	72	6.1	18.6	538	32.7	1	
N814741		5.2	56	4.9	9.9	5360	27.0	26	
N814742		5.5	74	4.1	23.9	824	32.5	1	
N814743		9.0	61	5.9	15.3	481	47.9	1	
N814744		12.3	52	5.5	15.8	761	67.5	2	
N814745		7.5	52	1.8	18.4	478	68.2	1	
N814746		8.5	63	11.0	15.4	631	33.2	3	
N814747		0.9	2	0.1	0.9	16	<0.5	<1	
N814748		5.8	69	20.4	13.9	393	31.0	1	
N814749		5.3	62	12.7	11.9	275	64.3	4	
N814750		5.8	46	4.0	9.9	>10000	55.2	313	1.060
N814751		4.5	71	3.2	16.2	116	39.8	3	
N814752		4.0	70	0.9	16.7	65	44.5	1	
N814753		4.8	78	1.0	17.5	47	42.7	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12197787

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE WH12198586

Project: Klaza - 114

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

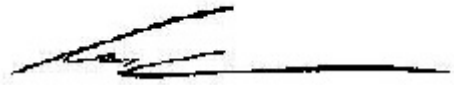
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12198586

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813346		4.30	<0.005	0.13	6.93	8.9	2010	1.58	0.29	2.75	0.09	41.8	7.2	9	15.30	8.2
N814755		4.59	0.037	0.35	7.53	24.4	2160	1.62	1.94	2.41	0.33	46.6	9.0	11	14.70	35.6
N814756		3.99	0.151	1.62	7.99	179.0	1020	1.36	11.60	1.22	3.38	55.6	10.6	8	14.20	158.5
N814757		0.26	2.12	23.4	5.31	2990	840	1.09	16.95	1.88	65.2	35.6	9.7	17	12.10	390
N814758		6.34	0.022	0.33	7.38	12.0	2410	1.58	1.73	2.36	0.16	46.4	8.0	12	12.10	36.3
N814759		2.02	0.009	0.51	7.36	11.9	2280	1.61	0.75	2.31	0.90	42.8	8.0	10	11.10	28.5
N814760		4.57	0.478	2.46	7.28	18.0	2210	1.52	2.89	2.16	0.94	46.7	12.9	10	11.55	384
N814761		5.20	<0.005	0.15	7.75	9.4	2340	1.72	0.24	2.56	0.12	53.2	7.9	13	9.05	11.4
N814762		2.76	0.016	0.34	7.55	13.9	2200	1.67	0.44	2.37	0.52	49.9	7.2	11	8.65	29.5
N814763		2.38	0.042	0.34	7.03	17.1	1880	1.33	0.61	3.59	0.62	42.5	4.9	8	9.02	20.1
N814764		6.82	0.043	0.73	6.97	36.9	1980	1.63	1.72	2.39	0.34	36.7	17.6	9	10.30	59.2
N814765		2.77	0.198	1.87	6.39	167.5	1700	1.30	6.38	5.20	0.84	34.3	38.2	6	18.10	312
N814766		3.45	<0.005	0.02	0.07	<5	230	0.06	0.03	20.0	0.05	1.09	1.5	<1	0.16	1.8
N814767		6.84	0.043	0.84	7.50	25.9	2600	1.35	1.48	2.55	0.98	41.9	9.4	12	13.45	93.3
N814768		3.36	0.067	0.37	7.01	18.6	2180	1.35	0.82	2.22	0.48	26.9	5.2	8	13.80	49.8
N814769		3.21	0.025	0.37	7.37	17.1	2700	1.54	1.01	2.41	0.49	42.8	8.2	7	13.60	17.2
N814770		4.64	0.005	0.18	7.08	8.5	2290	1.37	0.72	2.52	0.15	41.8	8.9	11	9.13	16.0
N814771		0.21	0.686	10.30	6.92	1860	1440	1.43	6.50	1.93	40.9	43.7	18.0	21	15.65	110.0
N814772		7.88	0.007	0.32	7.38	9.3	2160	1.57	0.33	2.37	0.14	46.3	8.5	10	9.83	12.4
N814773		6.16	0.188	2.00	7.67	30.7	2000	1.65	2.79	1.84	0.31	51.0	8.2	10	11.55	181.0
N814774		3.45	2.26	51.2	7.02	379	820	1.37	53.2	0.89	15.65	45.1	14.0	10	9.26	1435
N814775		6.05	0.052	0.79	7.70	12.8	2280	1.58	1.15	2.50	0.48	43.3	9.2	13	9.86	54.0
N814776		2.36	0.076	0.36	7.20	9.0	2200	1.44	0.33	2.90	0.14	40.8	12.8	12	8.48	17.1
N814777		1.26	0.051	0.19	7.14	6.2	2200	1.40	0.16	2.84	0.13	42.8	8.9	11	7.95	17.0
N814778		2.75	0.128	1.50	6.88	219	1350	1.64	0.30	2.99	4.81	44.4	7.0	8	18.80	19.2
N814779		2.05	<0.005	0.06	0.07	<5	30	0.06	0.03	19.65	0.07	1.09	0.5	<1	0.15	2.1
N814780		2.94	0.018	0.20	7.08	5.8	2070	1.40	0.12	2.50	0.75	40.8	7.7	10	10.20	7.9
N814781		3.51	0.029	0.11	7.16	8.0	2300	1.45	0.16	3.16	0.19	42.9	8.1	11	6.95	12.6
N814782		3.72	0.204	0.38	7.18	21.5	2370	1.45	1.41	2.73	0.34	46.1	11.6	12	7.43	68.9
N814783		4.67	0.022	0.41	7.50	16.4	2580	1.60	1.16	3.07	0.27	46.9	9.0	12	8.44	21.1
N814784		<0.02	0.017	0.35	7.63	14.9	2540	1.56	1.11	2.89	0.23	53.3	8.9	10	8.37	19.7
N814785		5.21	0.007	0.86	7.79	11.9	2360	1.70	0.79	2.71	0.64	49.9	7.7	9	13.45	28.0
N814786		2.91	0.334	8.03	7.29	323	590	1.53	5.18	1.65	11.55	48.1	6.9	8	17.00	285
N814787		3.58	0.014	0.59	7.56	17.3	1920	1.65	2.05	2.38	0.17	48.4	6.3	9	20.3	31.3
N814788		3.09	0.033	0.58	7.38	11.9	2160	1.51	1.90	2.60	0.22	60.1	7.7	11	10.85	46.0
N814789		5.90	0.019	0.36	7.48	11.3	2620	1.49	0.59	2.41	0.36	43.3	5.1	12	9.47	29.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12198586

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813346		2.63	17.35	0.24	1.4	0.048	2.48	20.5	11.2	0.63	514	1.49	1.96	8.2	2.1	570
N814755		3.05	17.90	0.26	1.4	0.075	2.70	23.6	12.9	0.67	534	1.13	1.86	8.3	2.4	600
N814756		4.88	18.70	0.27	1.3	0.179	2.99	30.0	19.0	0.57	576	1.71	0.48	8.2	2.5	600
N814757		5.61	13.55	0.23	0.8	1.360	2.27	19.3	21.0	0.77	1680	12.05	0.03	5.3	12.9	390
N814758		2.85	17.90	0.23	1.4	0.102	2.81	22.8	13.0	0.77	539	2.20	2.13	8.5	2.5	620
N814759		2.68	18.00	0.23	1.2	0.077	2.66	21.2	13.7	0.71	502	0.81	2.08	8.1	2.4	570
N814760		2.90	18.00	0.27	1.2	0.213	2.60	24.1	12.3	0.75	562	1.47	1.98	8.3	2.5	620
N814761		2.89	18.25	0.25	1.3	0.057	2.69	27.5	12.1	0.84	583	1.00	2.25	8.5	2.4	640
N814762		2.91	18.00	0.27	1.2	0.075	2.75	25.8	10.4	0.76	587	0.63	1.98	8.0	2.4	600
N814763		2.67	17.35	0.23	1.3	0.077	2.64	21.0	19.9	0.64	622	1.57	1.13	8.0	1.5	570
N814764		3.21	17.55	0.26	1.3	0.089	2.53	18.8	13.0	0.64	592	3.39	1.54	8.1	4.0	510
N814765		5.00	15.35	0.25	0.8	0.280	2.69	20.0	17.3	1.40	998	2.65	0.25	6.3	5.6	380
N814766		0.43	0.42	0.36	<0.1	0.005	0.03	0.6	1.0	11.95	198	0.16	0.01	0.4	<0.2	170
N814767		2.51	17.55	0.24	1.2	0.106	2.85	20.4	11.3	0.68	542	1.70	1.68	7.6	2.6	610
N814768		2.11	17.35	0.21	1.2	0.074	2.75	12.4	24.0	0.51	489	1.24	0.35	8.1	1.8	610
N814769		2.68	18.70	0.23	1.0	0.104	2.59	20.5	13.3	0.74	603	1.56	1.94	8.4	2.1	810
N814770		2.74	17.45	0.24	1.1	0.055	2.50	20.1	10.4	0.76	531	2.20	2.12	7.7	2.5	600
N814771		5.19	16.70	0.26	1.3	0.859	2.84	22.4	24.3	0.71	2100	13.00	0.26	7.8	14.9	520
N814772		2.73	17.85	0.27	1.2	0.049	2.42	23.7	14.7	0.85	523	9.50	1.92	8.2	2.6	590
N814773		3.13	17.80	0.26	1.3	0.115	2.59	26.9	12.9	0.73	497	8.32	1.65	8.1	2.5	600
N814774		6.77	17.20	0.27	1.1	1.510	2.82	24.1	12.3	0.56	672	2.13	0.10	6.4	2.8	520
N814775		3.09	18.50	0.25	1.1	0.073	2.65	21.1	14.1	0.82	628	2.90	1.76	8.1	2.4	650
N814776		2.91	17.25	0.24	1.0	0.042	2.51	19.6	9.4	0.80	731	3.70	2.03	7.7	2.7	630
N814777		2.87	15.80	0.10	1.1	0.044	2.51	21.4	10.1	0.82	568	4.79	2.13	7.5	3.5	630
N814778		3.48	15.05	0.10	1.2	0.065	2.71	21.4	14.7	0.81	1720	1.48	0.57	6.7	2.6	570
N814779		0.43	0.19	0.10	<0.1	0.008	0.03	0.5	1.1	11.70	203	0.08	0.01	0.2	1.4	180
N814780		2.84	15.85	0.13	1.3	0.041	2.47	18.9	14.2	0.74	546	1.37	1.92	7.7	2.8	620
N814781		2.94	15.45	0.13	1.0	0.052	2.56	20.5	14.2	0.76	560	23.3	2.07	7.3	2.8	640
N814782		3.30	16.45	0.12	1.1	0.111	2.61	23.0	15.3	0.81	533	2.20	1.96	7.6	3.1	630
N814783		3.07	16.40	0.12	1.2	0.099	2.57	22.9	22.7	0.87	625	2.82	1.50	7.4	3.0	620
N814784		3.08	16.70	0.15	1.2	0.094	2.53	26.8	21.9	0.89	595	1.92	1.53	7.6	3.1	620
N814785		3.04	16.85	0.14	1.2	0.063	2.71	23.9	15.4	0.77	541	3.19	1.73	8.0	2.9	650
N814786		4.95	16.00	0.14	1.2	0.354	3.18	27.7	13.8	0.71	1410	1.09	0.05	6.7	3.3	560
N814787		2.78	16.65	0.11	1.5	0.059	2.96	24.2	20.0	0.72	482	1.82	0.90	8.1	2.3	590
N814788		2.78	15.50	0.14	1.2	0.080	2.72	36.3	12.1	0.78	480	6.45	1.79	7.3	3.0	590
N814789		2.08	15.35	0.13	1.2	0.053	2.93	21.0	10.8	0.65	420	1.70	1.99	7.2	2.5	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12198586

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813346		15.6	90.7	<0.002	0.04	2.36	11.5	1	1.5	350	0.66	<0.05	12.0	0.244	1.15	4.0
N814755		23.7	101.0	<0.002	0.52	4.26	11.9	1	2.1	331	0.66	0.16	13.6	0.255	1.23	4.4
N814756		116.5	140.0	<0.002	3.11	11.85	12.1	2	4.7	105.0	0.64	0.71	14.5	0.247	1.67	4.8
N814757		2560	136.0	0.002	4.22	73.9	7.6	2	6.6	76.7	0.38	0.30	8.8	0.159	2.05	4.5
N814758		19.5	100.5	<0.002	0.23	3.05	11.8	1	1.9	392	0.67	0.25	13.0	0.259	1.24	4.0
N814759		85.3	100.0	<0.002	0.25	2.25	11.1	1	1.8	363	0.63	0.08	13.4	0.243	1.12	4.1
N814760		108.0	108.5	<0.002	0.46	3.35	12.2	1	2.4	310	0.64	1.20	13.6	0.248	1.23	3.6
N814761		17.7	99.0	<0.002	0.11	1.57	12.6	2	1.9	403	0.68	<0.05	14.6	0.266	1.03	4.7
N814762		32.9	105.5	<0.002	0.23	1.73	11.7	2	2.5	343	0.64	<0.05	13.9	0.252	1.14	4.3
N814763		47.6	93.5	<0.002	0.35	3.46	10.8	1	2.6	229	0.70	<0.05	13.0	0.233	1.27	4.7
N814764		25.5	94.4	0.003	1.19	4.32	11.0	2	2.7	253	0.70	0.29	12.1	0.229	1.30	4.1
N814765		107.0	144.0	0.002	3.43	16.85	11.3	2	5.8	207	0.46	2.06	11.1	0.173	1.74	5.9
N814766		1.4	1.3	<0.002	0.01	0.06	0.3	1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814767		62.5	114.0	<0.002	0.54	11.50	11.7	1	3.0	288	0.62	0.19	12.9	0.256	1.59	5.5
N814768		31.5	88.6	<0.002	0.32	23.8	10.7	1	2.5	110.5	0.63	0.11	10.2	0.262	1.46	4.2
N814769		27.0	100.0	0.002	0.44	7.67	10.2	1	2.7	265	0.65	0.17	11.2	0.281	1.47	3.8
N814770		17.4	82.5	<0.002	0.13	1.80	11.3	1	1.5	372	0.56	0.10	11.3	0.250	1.02	3.8
N814771		1440	157.0	<0.002	3.25	31.6	9.8	2	5.4	154.0	0.56	0.24	11.7	0.213	2.42	5.2
N814772		16.5	98.6	0.003	0.15	3.16	12.5	2	1.6	332	0.60	<0.05	13.2	0.247	0.97	4.2
N814773		25.7	112.5	<0.002	0.71	4.52	12.7	1	3.1	291	0.65	0.11	14.5	0.248	1.13	4.2
N814774		392	159.0	<0.002	5.78	85.2	10.6	2	10.2	39.4	0.49	0.90	11.8	0.203	1.79	3.3
N814775		36.2	97.4	<0.002	0.25	2.91	12.5	1	2.0	333	0.57	0.05	12.0	0.267	1.22	3.4
N814776		16.5	85.7	<0.002	0.34	1.82	12.0	2	1.8	372	0.52	<0.05	10.0	0.262	1.11	3.1
N814777		16.9	91.7	0.002	0.19	1.56	11.0	1	1.8	375	0.52	0.05	11.1	0.265	1.12	2.4
N814778		278	106.0	0.003	1.68	10.50	10.1	1	3.1	142.5	0.47	<0.05	13.9	0.247	2.12	3.8
N814779		1.8	1.2	<0.002	0.01	0.08	0.2	1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	0.04	0.6
N814780		48.7	86.4	0.002	0.02	3.03	10.9	1	1.7	328	0.61	<0.05	11.9	0.259	0.96	3.8
N814781		16.4	91.0	0.003	0.07	4.18	10.8	1	2.1	377	0.54	<0.05	13.3	0.267	0.96	3.4
N814782		20.1	93.9	<0.002	0.80	5.64	11.0	1	3.3	338	0.56	0.43	12.9	0.264	1.23	3.3
N814783		46.9	88.7	0.002	0.49	5.43	10.9	1	2.3	286	0.59	0.22	13.1	0.263	1.23	3.4
N814784		44.0	105.5	<0.002	0.48	5.11	11.3	1	2.2	289	0.59	0.19	14.6	0.261	1.23	3.7
N814785		39.7	103.5	0.002	0.27	5.80	11.8	1	1.9	323	0.68	0.57	14.2	0.285	1.28	3.6
N814786		300	205	0.002	3.07	31.3	10.6	1	5.5	49.9	0.61	0.61	16.7	0.220	2.94	5.5
N814787		26.3	109.5	0.003	0.37	5.34	10.4	1	1.6	190.0	0.71	0.28	15.5	0.254	1.65	5.9
N814788		28.6	109.5	0.002	0.34	2.72	10.6	1	1.7	323	0.61	0.29	15.2	0.244	1.20	4.5
N814789		24.1	115.0	<0.002	0.13	4.40	10.8	1	1.7	339	0.52	0.17	14.4	0.245	1.34	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12198586

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N813346		68	0.9	14.9	37	39.7	<1
N814755		74	2.3	15.6	59	40.9	<1
N814756		72	3.1	15.6	308	38.0	<1
N814757		52	4.4	8.2	4860	22.2	26
N814758		74	1.4	15.3	45	40.2	<1
N814759		69	1.1	13.9	101	34.3	<1
N814760		71	2.9	15.6	107	36.3	5
N814761		77	1.8	16.5	43	35.9	<1
N814762		72	1.1	15.0	72	34.9	<1
N814763		68	2.2	15.9	83	38.0	<1
N814764		67	2.4	16.1	59	36.2	<1
N814765		63	6.3	23.0	112	23.6	1
N814766		2	0.1	0.8	15	<0.5	<1
N814767		77	2.0	12.4	103	33.2	<1
N814768		77	4.3	11.5	61	33.0	<1
N814769		69	2.2	14.5	68	29.8	<1
N814770		71	1.1	14.5	39	33.0	<1
N814771		60	5.2	11.3	3230	39.0	10
N814772		71	3.3	17.1	39	36.9	<1
N814773		72	4.1	16.2	59	34.9	2
N814774		63	5.4	11.3	1270	31.3	52
N814775		77	1.8	15.1	80	31.7	<1
N814776		76	2.1	14.6	43	29.3	<1
N814777		74	1.7	14.7	39	27.7	<1
N814778		69	4.8	14.2	573	31.6	1
N814779		2	0.1	0.8	12	<0.5	<1
N814780		73	3.6	14.1	75	34.0	<1
N814781		75	12.3	15.9	41	26.6	<1
N814782		72	4.1	14.7	80	28.3	<1
N814783		73	3.0	16.9	56	33.6	<1
N814784		74	2.8	18.0	52	30.3	<1
N814785		78	2.3	15.7	66	26.8	<1
N814786		66	7.5	12.9	1200	29.2	7
N814787		69	1.5	14.2	43	38.9	<1
N814788		67	1.8	16.1	41	30.4	<1
N814789		70	3.5	13.5	45	32.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 114

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12198586

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199380

Project: Klaza - 101

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

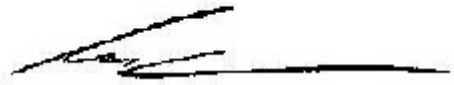
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199380

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811769		3.06	<0.005	0.17	7.44	26.2	2340	1.63	0.13	3.07	0.11	43.4	9.3	7	22.2	15.1
N811770		2.31	0.006	0.23	7.24	38.3	1580	1.56	0.06	2.96	0.19	41.0	9.7	9	20.1	32.2
N811771		1.87	<0.005	0.85	7.08	86.1	1020	1.55	0.10	2.14	0.83	46.1	8.7	7	22.5	5.9
N811772		3.40	<0.005	0.06	7.40	10.8	1750	1.50	0.07	2.64	0.09	45.4	9.1	8	21.7	9.2
N811773		2.17	<0.005	0.08	7.58	7.6	1950	1.43	0.04	2.66	0.07	43.9	9.2	8	14.70	7.5
N811774		2.91	<0.005	0.07	7.19	9.7	1770	1.40	0.13	3.15	0.06	42.0	9.9	8	15.75	4.8
N811775		3.21	<0.005	0.07	7.01	4.7	1750	1.42	0.04	3.16	0.08	41.4	9.1	7	19.05	10.9
N811776		3.66	<0.005	0.06	7.25	5.8	1970	1.44	0.04	3.14	0.07	41.3	9.4	11	16.80	9.2
N811777		0.26	0.770	9.28	6.68	1745	1420	1.43	6.19	1.93	42.0	45.2	17.1	18	16.85	108.0
N811778		3.20	<0.005	0.12	7.38	16.3	1310	1.50	0.06	3.45	0.19	43.7	8.7	7	20.1	18.5
N811779		2.10	<0.005	0.08	7.00	10.2	2240	1.45	0.04	2.86	0.11	38.7	9.3	8	16.00	9.4
N811780		1.99	<0.005	0.08	7.56	11.4	1830	1.41	0.05	2.72	0.06	42.2	10.0	8	14.75	17.4
N811781		2.23	<0.005	0.12	7.72	11.5	1690	1.45	0.07	2.75	0.11	41.7	9.3	8	16.35	39.0
N811782		2.07	0.010	0.69	6.66	119.0	770	1.29	0.23	3.63	0.43	37.0	10.6	6	17.30	24.3
N811783		2.66	<0.005	0.01	0.07	<5	20	0.07	0.02	20.8	0.05	1.24	1.4	<1	0.28	2.2
N811784		2.38	<0.005	0.48	7.34	57.8	3280	1.57	0.09	2.32	0.40	43.4	8.2	7	17.15	29.3
N811785		1.90	<0.005	0.13	7.22	7.6	1540	1.38	0.09	3.44	0.08	42.2	8.7	8	15.20	34.6
N811786		3.33	<0.005	0.09	7.14	10.3	1730	1.30	0.07	3.03	0.07	41.5	9.1	7	13.00	28.9
N811787		<0.02	<0.005	0.10	7.28	10.2	1760	1.38	0.08	3.09	0.07	43.0	9.2	10	13.35	26.8
N811788		3.15	<0.005	0.09	7.64	4.9	1990	1.42	0.20	2.75	0.06	47.0	9.0	10	13.35	15.9
N811789		0.26	2.21	24.7	6.12	3420	680	1.28	19.85	2.29	80.2	43.5	11.3	17	15.30	466
N811790		3.77	<0.005	0.18	7.35	4.0	1800	1.34	0.70	2.80	0.08	45.0	9.1	8	11.05	57.8
N811791		2.88	<0.005	0.12	6.96	3.6	2490	1.42	0.58	2.78	0.10	42.8	8.4	7	15.05	11.5
N811792		2.06	<0.005	0.11	7.29	2.7	1850	1.53	0.34	2.94	0.08	44.4	9.7	8	14.35	9.3
N811793		0.76	<0.005	0.09	7.41	2.8	1630	1.46	0.30	2.92	0.08	42.6	9.9	13	14.90	9.3
N811794		1.32	0.010	0.06	7.19	5.2	2160	1.47	0.20	2.31	0.14	41.1	8.5	7	26.5	8.5
N811795		2.81	<0.005	0.09	7.47	3.8	1770	1.38	0.29	3.22	0.07	42.9	9.3	7	18.20	10.1
N811796		3.10	0.005	0.22	7.18	24.0	1270	1.42	0.82	2.79	0.40	45.5	10.9	7	22.2	9.2
N811797		1.69	0.009	0.27	6.40	38.8	1270	1.27	0.44	2.52	0.72	41.7	8.2	9	17.90	9.0
N811798		3.52	<0.005	0.12	7.55	7.6	1260	1.59	0.24	2.71	0.18	43.1	8.3	8	20.9	11.4
N811799		1.79	0.065	3.02	7.06	331	1140	1.59	0.78	3.30	1.55	47.0	9.8	8	25.2	24.0
N811800		2.42	<0.005	0.01	0.08	<5	30	<0.05	0.02	20.5	0.05	1.27	1.4	<1	0.21	2.3
N811801		3.60	<0.005	0.11	7.40	5.8	1700	1.43	0.16	3.16	0.09	41.4	8.9	8	23.4	10.5
N811802		4.43	<0.005	0.39	6.85	36.6	3160	1.19	0.74	3.35	0.15	46.9	9.0	7	17.00	154.5
N811803		1.95	<0.005	0.24	7.28	14.2	1040	1.31	0.80	3.22	0.24	45.0	9.5	8	31.0	19.9
N811804		3.14	<0.005	0.11	7.38	4.2	1820	1.41	0.43	3.04	0.07	44.3	9.7	8	21.5	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811769		2.99	16.80	0.14	1.5	0.038	2.66	21.4	117.0	1.00	819	1.30	0.15	8.8	3.1	640
N811770		3.41	17.35	0.17	1.4	0.048	2.85	19.6	31.4	0.88	1390	2.08	0.73	8.5	3.1	680
N811771		3.81	16.60	0.17	1.3	0.164	3.01	23.9	46.9	0.82	4830	0.68	0.05	7.7	2.8	610
N811772		3.26	17.35	0.17	1.5	0.034	2.63	22.5	51.7	0.89	853	1.79	1.25	8.1	3.1	660
N811773		3.28	18.00	0.18	1.5	0.039	2.71	21.0	18.4	0.77	767	0.78	1.19	8.5	2.7	700
N811774		3.47	17.65	0.18	1.4	0.054	2.16	20.2	16.3	0.97	793	0.76	1.53	8.1	3.1	660
N811775		3.07	16.70	0.17	1.4	0.033	2.54	19.8	21.9	0.79	714	1.64	1.43	7.9	2.9	610
N811776		3.29	17.55	0.17	1.4	0.037	2.58	19.6	12.7	0.90	744	3.38	1.99	8.3	3.1	660
N811777		5.42	16.25	0.19	1.3	0.963	2.85	22.9	22.8	0.72	2050	13.60	0.27	7.9	15.8	500
N811778		3.31	17.20	0.18	1.4	0.033	2.75	21.3	45.5	1.07	1190	2.17	0.41	8.2	3.2	650
N811779		3.20	16.70	0.15	1.3	0.032	2.42	18.0	24.1	0.89	782	1.22	1.66	8.1	3.1	640
N811780		3.46	17.55	0.17	1.4	0.036	2.47	19.6	10.0	0.94	683	2.42	2.30	8.6	3.1	680
N811781		3.50	18.05	0.15	1.4	0.039	2.57	19.1	38.8	0.87	1040	2.18	0.36	8.6	3.0	690
N811782		3.24	16.20	0.15	1.2	0.041	3.08	18.7	15.3	1.17	2610	2.80	0.04	6.7	2.9	520
N811783		0.49	0.36	0.14	<0.1	<0.005	0.03	0.6	1.0	12.75	213	0.13	<0.01	0.3	3.0	170
N811784		3.17	16.90	0.15	1.3	0.044	3.23	20.9	101.5	0.81	1630	3.95	0.07	8.1	2.7	650
N811785		3.08	16.40	0.16	1.3	0.031	2.43	20.6	10.1	0.84	709	5.16	1.70	7.8	3.2	610
N811786		3.17	16.95	0.15	1.3	0.030	2.51	19.7	10.2	0.93	716	12.50	1.93	8.1	2.8	640
N811787		3.27	17.35	0.16	1.4	0.031	2.55	21.0	10.6	0.95	738	17.00	1.95	8.2	3.3	630
N811788		3.23	17.35	0.17	1.4	0.032	2.60	23.2	10.9	0.98	684	1.08	2.29	8.3	3.0	630
N811789		6.78	15.75	0.20	1.0	1.785	2.67	22.7	22.3	0.94	1980	14.20	0.04	6.3	16.0	450
N811790		3.15	17.05	0.17	1.2	0.034	2.52	22.9	14.3	0.88	738	1.24	1.90	7.8	2.9	610
N811791		3.02	17.25	0.15	1.2	0.041	2.37	21.3	30.6	0.83	821	1.05	1.82	7.5	2.7	580
N811792		3.38	17.15	0.19	1.2	0.047	2.58	21.8	22.1	0.94	889	9.25	1.31	8.2	3.1	640
N811793		3.43	17.25	0.17	1.3	0.037	2.71	20.6	29.1	0.90	821	1.40	1.39	8.3	3.1	670
N811794		3.22	16.50	0.16	1.1	0.036	2.53	20.1	136.0	0.72	759	0.39	0.62	7.7	2.9	630
N811795		3.37	17.85	0.18	1.2	0.038	2.65	20.5	33.7	0.83	833	2.04	1.58	8.2	2.9	670
N811796		3.48	16.45	0.17	1.2	0.088	3.19	23.7	32.9	0.92	1960	109.5	0.04	7.3	3.0	580
N811797		3.97	14.95	0.16	1.1	0.169	2.97	21.9	24.4	0.93	2390	38.7	0.03	6.7	2.7	520
N811798		3.48	17.00	0.16	1.3	0.060	2.81	21.7	92.5	0.88	1190	7.19	0.43	8.0	3.0	620
N811799		3.85	16.40	0.18	1.1	0.111	2.48	25.6	182.0	1.03	3210	1.66	0.03	7.4	3.2	580
N811800		0.47	0.34	0.18	<0.1	<0.005	0.03	0.6	1.5	12.50	210	0.23	<0.01	0.3	3.1	180
N811801		3.27	17.60	0.14	1.2	0.036	2.61	20.1	32.2	0.84	762	1.61	1.38	8.1	2.8	650
N811802		3.01	14.80	0.15	1.2	0.034	2.29	24.5	26.5	1.05	847	5.06	0.89	7.6	2.7	600
N811803		3.08	16.90	0.15	1.2	0.035	2.75	22.9	58.6	0.96	890	4.95	0.33	8.0	3.0	620
N811804		3.37	17.55	0.18	1.2	0.036	2.59	21.6	16.6	0.94	747	4.31	2.00	8.5	3.0	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811769		16.2	119.0	<0.002	0.17	14.10	12.5	1	1.8	224	0.83	<0.05	13.0	0.302	1.81	5.6
N811770		15.7	129.0	<0.002	0.15	16.15	13.2	2	1.9	219	0.70	<0.05	10.6	0.325	1.78	4.0
N811771		327	180.0	<0.002	0.28	17.75	12.6	1	2.4	128.0	0.66	<0.05	12.3	0.285	2.43	4.2
N811772		14.3	126.5	<0.002	0.05	7.81	12.2	1	1.8	218	0.71	<0.05	12.6	0.289	1.55	4.1
N811773		14.4	111.0	<0.002	0.03	6.47	13.4	1	2.1	230	0.68	<0.05	12.3	0.331	1.33	3.4
N811774		12.2	91.5	<0.002	0.04	6.64	12.8	2	2.3	272	0.65	<0.05	10.9	0.315	1.22	3.4
N811775		13.3	111.0	<0.002	0.03	4.26	12.2	1	1.5	318	0.67	<0.05	11.8	0.288	1.33	4.1
N811776		14.7	102.5	<0.002	0.02	4.11	12.0	1	1.8	378	0.70	<0.05	11.0	0.307	1.21	3.9
N811777		1405	169.5	<0.002	3.12	34.7	9.1	2	6.2	155.0	0.62	0.29	11.8	0.218	2.37	5.4
N811778		14.9	127.0	<0.002	0.10	12.95	12.3	2	1.7	173.5	0.71	<0.05	12.2	0.306	1.93	5.1
N811779		10.4	117.0	<0.002	0.06	9.27	12.1	2	1.6	241	0.70	<0.05	10.8	0.298	1.53	4.0
N811780		14.1	102.5	<0.002	0.02	3.96	13.2	2	1.8	399	0.75	<0.05	12.3	0.318	1.10	4.9
N811781		12.4	125.5	<0.002	0.06	11.70	14.1	2	1.9	151.0	0.77	<0.05	12.5	0.325	1.62	2.9
N811782		41.2	194.0	<0.002	0.42	27.3	10.9	1	1.8	116.5	0.60	<0.05	11.3	0.246	2.11	3.5
N811783		1.2	2.3	<0.002	<0.01	0.09	0.3	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811784		22.8	193.5	<0.002	0.18	25.0	12.6	1	1.9	165.0	0.70	<0.05	11.9	0.306	2.66	4.4
N811785		10.0	136.0	<0.002	0.03	4.74	12.0	2	2.0	300	0.66	<0.05	12.3	0.289	1.53	4.4
N811786		12.6	112.5	0.002	0.04	4.17	12.2	2	1.9	366	0.69	<0.05	11.5	0.295	1.39	4.8
N811787		13.5	113.5	0.002	0.04	4.26	12.5	1	2.0	372	0.71	<0.05	12.2	0.301	1.44	5.1
N811788		13.1	110.0	<0.002	0.01	1.59	12.9	2	2.0	416	0.72	<0.05	14.1	0.300	1.12	4.7
N811789		2950	169.5	<0.002	4.89	94.6	8.4	2	8.4	95.4	0.49	0.38	10.6	0.189	2.34	5.6
N811790		12.5	119.0	<0.002	0.01	2.39	12.2	2	2.4	331	0.64	<0.05	12.8	0.285	1.27	3.8
N811791		20.1	134.5	<0.002	0.07	4.44	11.2	1	2.3	252	0.63	<0.05	12.8	0.273	1.69	3.5
N811792		15.0	126.0	<0.002	0.02	3.84	12.3	1	2.5	295	0.68	<0.05	12.0	0.298	1.52	3.1
N811793		15.5	121.0	<0.002	0.01	3.90	12.3	1	2.4	314	0.71	<0.05	11.8	0.309	1.50	3.1
N811794		13.1	119.0	<0.002	0.03	15.60	12.8	2	2.7	243	0.61	<0.05	9.9	0.301	1.42	2.8
N811795		14.1	110.0	<0.002	0.02	3.70	12.6	2	2.5	368	0.66	<0.05	12.0	0.310	1.36	3.3
N811796		17.5	201	0.021	0.26	14.40	11.9	2	2.6	129.5	0.61	0.05	12.7	0.274	2.81	4.5
N811797		76.5	202	0.007	0.54	12.90	10.7	1	2.9	111.0	0.58	<0.05	12.6	0.251	2.48	4.4
N811798		16.2	144.0	0.002	0.13	10.10	12.1	1	2.3	208	0.69	<0.05	13.3	0.294	1.80	3.4
N811799		488	153.5	<0.002	1.37	22.9	11.7	1	3.4	193.0	0.61	<0.05	12.8	0.271	2.18	5.7
N811800		1.4	1.6	<0.002	<0.01	0.09	0.3	1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811801		14.3	112.0	<0.002	0.03	5.42	11.9	1	2.3	371	0.68	<0.05	10.8	0.305	1.43	4.7
N811802		8.7	126.5	<0.002	0.11	31.2	11.7	2	1.8	250	0.66	<0.05	13.3	0.282	1.56	5.1
N811803		16.1	127.0	<0.002	0.06	11.55	11.6	1	1.9	252	0.68	<0.05	12.3	0.290	1.88	4.6
N811804		13.8	113.0	<0.002	0.01	2.97	13.0	2	2.1	409	0.69	<0.05	12.2	0.315	1.27	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199380

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811769		82	4.2	15.2	59	39.2	1
N811770		92	3.3	15.4	67	36.7	1
N811771		83	2.3	14.7	102	36.1	1
N811772		83	1.6	14.7	61	42.0	<1
N811773		91	3.1	15.4	49	39.9	<1
N811774		89	3.1	15.2	52	37.2	<1
N811775		84	1.6	15.0	51	36.3	<1
N811776		87	1.6	14.6	54	36.9	<1
N811777		57	5.0	12.0	2970	40.0	10
N811778		86	2.8	16.2	66	35.3	<1
N811779		83	2.0	13.2	62	34.5	1
N811780		91	1.8	15.5	53	35.8	<1
N811781		94	3.4	16.4	65	34.0	<1
N811782		81	2.4	16.1	62	30.2	1
N811783		2	0.1	0.9	12	<0.5	<1
N811784		91	2.0	14.3	78	32.8	<1
N811785		82	6.1	13.8	51	33.0	<1
N811786		84	8.2	15.1	45	35.6	<1
N811787		86	8.3	15.5	47	35.9	<1
N811788		84	2.0	17.3	45	35.5	<1
N811789		57	5.1	10.6	5650	27.2	25
N811790		81	6.8	15.7	56	34.8	<1
N811791		80	3.1	12.1	69	33.2	<1
N811792		83	3.9	15.1	71	33.1	<1
N811793		85	5.5	14.2	71	34.3	1
N811794		86	4.8	14.3	64	25.9	<1
N811795		87	2.3	15.4	59	31.6	<1
N811796		80	2.4	14.1	89	30.9	<1
N811797		72	2.2	12.9	125	28.5	<1
N811798		82	2.3	14.2	77	33.2	<1
N811799		76	3.9	14.0	177	28.7	3
N811800		2	0.1	0.8	12	<0.5	<1
N811801		86	1.4	15.1	51	29.6	<1
N811802		73	3.1	13.7	68	30.3	1
N811803		83	4.7	14.3	55	31.4	<1
N811804		91	6.2	16.3	53	31.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199380

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199381

Project: Klaza - 101

P.O. No.: Batch 6

This report is for 15 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

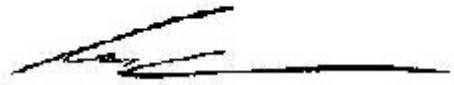
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199381

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811805		2.57	<0.005	0.04	6.74	3.7	1850	1.43	0.15	2.90	0.05	37.2	9.1	8	15.45	5.5
N811806		1.89	<0.005	0.14	6.93	4.8	1850	1.38	0.17	2.83	0.07	34.5	8.9	9	28.0	5.4
N811807		0.26	2.24	27.4	5.86	3370	450	1.43	19.90	2.20	80.6	44.0	11.0	18	14.65	435
N811808		2.40	0.005	0.47	6.48	61.8	1700	1.25	0.23	5.06	0.27	43.9	9.0	5	18.60	4.5
N811809		2.52	<0.005	0.14	6.93	12.8	1700	1.46	0.09	3.31	0.13	44.2	8.3	8	14.35	3.4
N811810		5.00	0.006	0.17	6.79	19.9	990	1.34	0.23	3.78	0.18	46.5	9.0	7	20.9	4.7
N811811		4.09	<0.005	0.03	0.08	5	20	0.12	0.02	21.3	0.07	1.41	0.6	<1	0.30	1.6
N811812		2.89	<0.005	0.10	7.21	4.7	1100	1.54	0.10	2.09	0.09	39.2	8.0	7	20.4	15.8
N811813		4.85	0.007	0.22	6.76	16.3	1100	1.52	0.39	2.70	0.11	36.3	9.5	8	16.60	9.1
N811814		2.23	<0.005	0.09	6.42	4.1	1270	1.57	0.10	3.49	0.08	42.2	8.5	9	16.95	10.8
N811815		2.72	<0.005	0.08	6.29	2.9	1380	1.35	0.09	3.07	0.06	32.0	8.6	8	12.85	9.7
N811816		2.04	0.009	0.15	7.14	6.4	1450	1.51	0.13	2.60	0.11	38.1	10.2	8	18.50	23.4
N811817		1.59	<0.005	1.02	7.11	3.2	2210	1.65	0.21	2.86	0.40	42.9	10.5	9	15.85	297
N811818		0.78	<0.005	1.37	7.13	6.3	2210	1.52	0.30	2.95	0.36	40.2	10.7	9	16.40	386
N811819		1.71	0.046	1.68	6.91	26.0	1520	1.45	1.18	2.35	0.46	40.7	9.3	7	15.35	162.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811805		3.21	16.70	0.14	1.3	0.039	2.43	18.3	15.2	0.76	646	2.56	1.70	7.9	2.8	630
N811806		3.19	17.45	0.14	1.5	0.035	2.53	17.9	55.2	0.77	706	7.62	0.97	8.2	3.0	650
N811807		6.55	14.25	0.13	1.0	1.675	2.64	24.5	23.3	0.90	1900	12.85	0.04	6.0	15.5	450
N811808		3.42	14.00	0.15	1.1	0.044	2.29	24.9	53.6	1.54	1760	6.38	0.18	6.7	2.6	540
N811809		3.34	15.45	0.12	1.4	0.042	3.08	24.1	28.8	1.09	2260	4.24	0.12	7.6	2.6	640
N811810		3.26	15.05	0.14	1.2	0.035	2.70	24.6	44.5	1.18	2080	4.97	0.06	7.2	2.7	580
N811811		0.48	0.27	0.12	<0.1	<0.005	0.04	0.7	1.3	12.70	218	0.08	<0.01	0.2	2.3	180
N811812		3.18	15.95	0.14	1.3	0.032	2.34	20.4	49.8	0.74	672	0.98	0.06	7.6	2.6	650
N811813		3.05	15.40	0.13	1.2	0.037	3.02	20.2	29.5	0.92	861	2.82	0.05	7.1	2.7	600
N811814		3.13	15.55	0.16	1.3	0.036	2.70	22.0	26.4	0.75	1220	1.21	0.63	7.4	2.7	620
N811815		2.90	15.55	0.13	1.2	0.033	2.33	16.8	20.1	0.69	808	4.08	1.18	7.0	2.7	600
N811816		3.30	17.40	0.14	1.1	0.034	2.41	20.2	38.6	0.80	773	7.93	0.59	7.7	3.0	670
N811817		3.31	17.40	0.14	1.2	0.066	2.52	21.6	13.7	0.90	741	7.93	1.99	7.8	3.1	660
N811818		3.40	17.65	0.15	1.2	0.085	2.57	20.6	14.6	0.91	886	7.61	1.96	8.2	3.0	680
N811819		4.09	15.95	0.13	1.3	0.119	2.44	21.0	30.7	0.75	1230	6.84	1.36	7.1	2.7	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811805		12.7	99.1	<0.002	0.01	2.70	12.4	1	1.7	392	0.66	<0.05	11.2	0.285	1.27	5.0
N811806		14.0	93.7	<0.002	0.01	6.11	12.4	<1	1.7	322	0.77	<0.05	11.2	0.293	1.29	4.6
N811807		2810	179.0	<0.002	4.76	96.5	8.6	1	7.8	90.5	0.51	0.39	12.1	0.182	2.44	6.1
N811808		12.9	141.0	0.002	0.20	12.65	10.9	<1	1.4	223	0.54	<0.05	12.6	0.236	1.61	7.7
N811809		9.2	172.5	<0.002	0.14	9.46	12.6	<1	1.6	172.5	0.66	<0.05	12.0	0.281	2.55	5.0
N811810		10.6	166.5	0.002	0.16	12.65	11.9	<1	1.5	180.5	0.65	<0.05	12.4	0.261	2.12	4.1
N811811		1.4	2.6	<0.002	<0.01	0.08	0.3	<1	<0.2	40.9	<0.05	<0.05	0.4	<0.005	<0.02	0.6
N811812		13.0	99.2	<0.002	0.02	16.75	12.3	<1	1.6	169.5	0.76	<0.05	12.3	0.281	1.29	2.6
N811813		10.0	131.0	<0.002	0.14	63.3	11.7	1	1.6	142.5	0.62	<0.05	11.4	0.272	1.80	3.9
N811814		10.0	141.5	<0.002	0.05	24.5	12.6	<1	1.6	209	0.68	<0.05	11.3	0.271	1.78	3.9
N811815		11.7	96.4	0.003	0.02	9.06	10.5	<1	1.6	243	0.56	<0.05	9.4	0.266	1.24	3.6
N811816		15.1	108.0	<0.002	0.04	13.15	13.3	<1	2.0	217	0.59	<0.05	9.3	0.296	1.36	3.0
N811817		18.3	108.0	<0.002	0.05	2.34	12.8	<1	2.2	429	0.64	<0.05	12.6	0.293	1.24	4.4
N811818		18.5	112.5	<0.002	0.05	4.67	13.1	1	2.2	424	0.63	<0.05	11.5	0.311	1.32	3.8
N811819		37.8	122.5	0.002	0.24	5.13	11.8	1	2.7	326	0.61	<0.05	16.5	0.264	1.36	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12199381

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811805		87	5.7	15.0	48	28.3	<1
N811806		91	6.6	15.5	49	32.9	<1
N811807		57	5.7	10.6	5350	24.2	24
N811808		72	4.9	15.9	73	23.9	<1
N811809		82	2.5	15.3	67	27.9	<1
N811810		77	3.9	15.3	59	26.5	<1
N811811		2	0.1	1.0	14	0.5	<1
N811812		87	4.0	12.9	56	26.3	<1
N811813		86	3.5	12.5	60	25.2	<1
N811814		86	2.9	13.8	66	25.4	<1
N811815		80	3.7	11.4	48	25.5	<1
N811816		96	5.4	14.5	55	23.4	<1
N811817		89	11.1	15.8	53	27.3	1
N811818		94	11.6	16.4	58	27.9	1
N811819		82	13.7	13.8	79	26.7	2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 101

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199381

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199382

Project: Klaza - 108

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

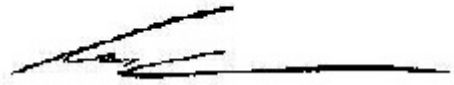
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199382

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814860		4.37	<0.005	0.18	7.21	5.5	2000	1.59	0.47	2.68	0.29	42.8	8.3	9	11.70	26.3
N814861		3.82	<0.005	0.13	6.67	10.9	1380	1.52	0.22	2.85	0.27	37.6	8.0	7	23.3	19.9
N814862		2.70	<0.005	0.12	6.74	4.8	1920	1.55	0.22	2.67	0.22	40.9	8.0	8	14.65	13.1
N814863		3.90	<0.005	0.16	6.47	6.1	1630	1.50	0.22	2.82	0.20	39.1	6.8	8	15.60	19.7
N814864		2.30	<0.005	0.29	5.86	13.4	2290	1.46	0.30	2.80	0.26	41.3	4.1	5	21.3	41.3
N814865		4.06	<0.005	0.16	6.56	5.2	1650	1.65	0.23	2.27	0.17	41.1	4.5	6	14.40	15.7
N814866		0.26	0.748	9.59	6.27	1720	170	1.47	6.74	1.88	40.7	42.1	16.9	19	16.75	109.5
N814867		5.20	<0.005	0.23	6.21	12.7	2040	1.63	0.45	1.94	0.26	42.0	4.8	7	17.80	13.2
N814868		1.87	<0.005	0.15	7.24	4.3	1890	1.70	0.32	3.11	0.15	49.6	8.7	9	12.05	10.8
N814869		0.80	<0.005	0.18	7.19	5.5	1810	1.75	0.50	2.89	0.17	43.3	9.3	11	14.05	11.0
N814870		3.36	<0.005	0.14	7.25	3.1	2010	1.57	0.25	2.84	0.18	46.6	8.5	10	10.00	9.0
N814871		5.59	<0.005	0.20	6.78	4.6	1710	1.57	0.35	3.03	0.12	40.6	8.0	10	16.15	15.6
N814872		4.94	<0.005	0.16	6.93	3.4	1970	1.53	0.26	2.96	0.14	43.8	8.3	9	10.85	20.1
N814873		2.09	<0.005	0.27	6.68	24.0	1530	1.50	0.37	3.35	0.19	39.0	8.3	9	19.25	31.1
N814874		2.07	<0.005	0.01	0.15	<5	30	0.10	0.02	21.5	0.07	1.52	1.7	<1	0.48	2.5
N814875		1.49	<0.005	0.15	6.52	4.8	1370	1.44	0.29	3.05	0.15	39.2	7.7	8	13.30	22.5
N814876		5.52	<0.005	0.19	6.27	7.8	1760	1.37	0.42	3.61	0.24	37.8	6.8	7	14.15	15.5
N814877		1.69	<0.005	0.16	7.25	2.2	1990	1.45	0.39	3.02	0.13	46.7	8.1	9	9.74	8.6
N814878		4.98	<0.005	0.14	7.32	2.2	2060	1.56	0.39	2.93	0.13	47.2	8.8	10	10.00	13.7
N814879		0.26	0.777	9.11	6.46	1750	180	1.58	6.89	1.91	40.5	42.7	17.2	19	16.65	110.5
N814880		4.83	<0.005	0.18	7.30	3.8	1960	1.65	0.37	3.05	0.20	47.4	8.6	8	11.55	11.9
N814881		5.16	<0.005	0.25	7.29	2.5	2040	1.58	0.45	2.77	0.20	44.8	7.9	10	13.05	33.4
N814882		4.06	<0.005	0.25	6.90	5.1	2000	1.48	0.64	2.93	0.21	36.9	7.1	9	15.55	25.1
N814883		1.96	0.005	0.22	6.81	17.3	1240	1.33	0.51	3.21	0.26	45.4	7.4	8	15.75	8.4
N814884		3.74	0.005	0.17	6.82	17.2	1320	1.38	0.59	2.74	0.14	39.0	7.1	8	18.10	6.5
N814885		2.04	0.028	0.20	6.87	6.8	1950	1.54	0.63	2.98	0.16	41.7	8.1	9	13.75	10.3
N814886		<0.02	<0.005	0.18	7.02	6.3	1970	1.47	0.52	3.01	0.15	42.4	7.9	9	13.80	10.7
N814887		3.00	<0.005	0.16	7.06	2.7	2030	1.48	0.50	2.90	0.15	37.7	8.3	11	10.50	8.3
N814888		2.26	<0.005	0.27	6.36	23.5	1540	1.43	0.68	3.11	0.27	38.4	7.6	7	16.25	12.0
N814889		3.02	<0.005	0.01	0.07	<5	20	0.06	0.02	21.2	0.06	1.37	1.6	<1	0.29	1.9
N814890		4.27	<0.005	0.14	6.66	2.4	1930	1.46	0.33	2.85	0.18	36.4	7.8	10	11.05	11.0
N814891		2.10	<0.005	0.40	6.17	6.8	1600	1.32	0.64	4.16	0.36	35.7	7.8	7	18.10	16.3
N814892		3.25	<0.005	0.81	7.05	13.9	1720	1.40	0.84	2.75	2.16	40.9	7.8	12	13.40	17.1
N814893		2.04	0.011	1.64	6.71	26.2	1700	1.44	2.44	2.83	1.16	37.2	8.5	9	15.85	38.8
N814894		4.18	<0.005	0.61	6.64	19.8	1730	1.59	0.68	2.95	0.64	36.2	7.5	10	14.25	71.9
N814895		5.79	<0.005	0.38	6.73	13.6	1730	1.62	1.47	2.91	0.14	38.4	7.6	10	14.90	49.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814860		2.99	17.05	0.15	1.2	0.112	2.72	22.7	13.7	0.70	556	2.89	2.17	9.0	4.0	610
N814861		2.82	16.70	0.18	1.3	0.082	2.54	19.3	32.1	0.59	600	6.98	0.96	8.7	2.9	580
N814862		2.82	16.05	0.17	1.2	0.056	2.59	21.5	10.7	0.70	598	2.82	2.10	8.4	2.9	550
N814863		2.56	14.85	0.17	1.3	0.045	2.76	20.9	13.8	0.58	591	5.41	1.71	8.1	2.4	500
N814864		1.83	12.40	0.15	1.5	0.033	2.31	24.6	18.4	0.67	511	6.23	0.73	7.1	1.7	260
N814865		1.83	14.60	0.17	1.5	0.029	2.96	23.5	17.5	0.43	399	2.44	1.64	8.1	1.8	360
N814866		5.07	15.10	0.20	1.3	0.975	2.87	22.3	26.2	0.68	1960	13.25	0.26	8.2	16.5	490
N814867		2.12	13.95	0.15	1.5	0.086	2.51	23.2	34.6	0.53	1100	2.98	0.47	8.2	2.0	390
N814868		3.14	16.75	0.22	1.5	0.045	2.52	26.6	7.9	0.80	626	1.63	2.17	8.7	3.0	620
N814869		3.12	17.15	0.18	1.4	0.050	2.64	22.5	8.8	0.74	612	1.70	2.14	9.4	3.2	640
N814870		3.04	16.50	0.20	1.4	0.041	2.61	24.6	11.2	0.86	614	2.12	2.27	8.6	2.9	610
N814871		2.85	15.80	0.19	1.3	0.047	2.54	21.5	9.3	0.80	649	2.12	2.11	8.4	2.8	590
N814872		2.90	16.10	0.18	1.2	0.046	2.49	22.6	9.8	0.84	572	1.75	2.37	8.3	2.8	610
N814873		2.88	16.15	0.20	1.2	0.049	2.71	20.0	13.9	0.79	599	1.93	1.21	8.5	2.9	620
N814874		0.49	0.64	0.15	<0.1	<0.005	0.07	0.7	2.8	12.90	221	0.23	0.01	0.5	1.9	170
N814875		2.70	16.35	0.17	1.2	0.049	2.35	20.5	9.9	0.81	575	0.68	2.00	8.3	2.7	590
N814876		2.62	15.40	0.19	1.2	0.044	2.22	19.8	18.9	1.04	689	1.81	1.21	7.8	2.4	560
N814877		3.24	16.60	0.17	1.2	0.046	2.58	24.6	13.3	1.00	600	1.79	2.48	8.6	2.9	650
N814878		3.22	16.15	0.19	1.2	0.050	2.52	24.8	17.9	1.06	573	1.04	2.44	8.8	2.8	650
N814879		5.23	15.25	0.21	1.3	0.952	2.93	22.7	27.0	0.70	2000	12.35	0.27	7.8	16.8	500
N814880		3.10	16.65	0.18	1.4	0.047	2.58	24.8	20.8	0.91	545	1.40	2.27	8.9	2.9	640
N814881		3.13	15.70	0.17	1.4	0.047	2.67	23.3	16.7	0.91	520	3.27	2.47	8.6	3.0	630
N814882		2.98	15.80	0.16	1.2	0.047	2.57	19.0	17.2	0.63	506	1.59	2.17	8.4	2.7	630
N814883		3.37	15.65	0.18	1.1	0.129	2.76	24.3	38.6	1.00	1460	0.85	0.51	7.9	2.6	600
N814884		3.12	15.70	0.17	1.1	0.059	2.68	20.1	52.3	0.82	1020	6.49	0.68	7.9	3.0	650
N814885		3.10	16.60	0.18	1.1	0.049	2.62	21.5	12.4	0.85	590	23.9	2.29	8.5	3.0	630
N814886		3.14	16.60	0.17	1.2	0.049	2.66	22.0	12.5	0.85	594	24.7	2.32	8.4	3.2	630
N814887		3.33	16.45	0.19	1.1	0.046	2.39	19.2	15.6	0.86	508	5.40	2.43	8.7	3.2	690
N814888		3.02	15.05	0.19	1.1	0.045	2.77	18.3	21.8	0.88	1560	1.38	1.39	8.0	2.7	590
N814889		0.47	0.44	0.13	<0.1	0.005	0.03	0.6	1.1	12.75	215	0.17	0.01	0.4	0.9	190
N814890		3.16	15.85	0.17	1.2	0.040	2.60	18.5	12.6	0.82	534	1.56	2.41	7.8	2.6	620
N814891		3.22	15.05	0.17	1.2	0.045	2.35	17.7	39.7	1.06	739	2.27	0.97	7.9	2.6	600
N814892		3.54	15.95	0.18	1.2	0.071	2.32	20.1	19.1	0.89	830	1.65	2.19	8.5	2.9	660
N814893		3.39	15.10	0.16	1.3	0.065	2.43	19.5	37.3	0.89	1260	2.45	0.84	8.3	2.9	600
N814894		3.35	15.00	0.17	1.3	0.065	2.68	18.2	19.1	0.83	1220	0.65	1.72	8.1	2.8	630
N814895		3.29	15.65	0.20	1.3	0.048	2.66	18.7	15.2	0.81	695	2.98	1.86	8.2	2.8	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814860		23.6	107.0	<0.002	0.02	1.74	10.9	1	3.0	366	0.71	<0.05	11.4	0.271	1.10	1.6
N814861		21.7	88.4	<0.002	0.04	6.75	10.3	1	3.0	223	0.72	<0.05	11.6	0.258	1.43	3.1
N814862		20.9	98.3	<0.002	0.01	1.90	10.2	1	1.9	365	0.69	<0.05	11.4	0.249	1.07	2.3
N814863		20.9	99.9	<0.002	0.02	3.93	8.7	1	2.0	280	0.74	<0.05	12.8	0.224	1.19	2.5
N814864		24.7	93.2	<0.002	0.07	11.50	4.7	1	1.4	138.5	0.79	<0.05	17.2	0.121	1.22	3.3
N814865		20.6	117.5	<0.002	0.02	4.99	6.8	1	1.6	252	0.81	<0.05	15.5	0.170	1.21	2.8
N814866		1355	158.5	0.002	3.02	34.4	8.9	2	5.9	143.5	0.64	0.30	11.6	0.206	2.67	5.1
N814867		23.6	98.7	<0.002	0.10	17.25	7.0	1	2.3	122.5	0.94	<0.05	15.1	0.183	1.61	5.7
N814868		20.9	103.5	<0.002	0.02	2.53	12.0	2	1.9	394	0.82	<0.05	13.6	0.270	1.01	3.4
N814869		24.4	100.0	<0.002	0.04	3.43	11.8	2	2.0	390	0.81	<0.05	11.8	0.289	1.12	4.1
N814870		20.1	92.1	<0.002	0.01	1.45	11.3	2	1.8	387	0.71	<0.05	13.6	0.273	1.01	4.0
N814871		16.8	90.7	<0.002	0.03	3.25	10.6	1	2.1	313	0.71	<0.05	11.8	0.268	1.16	4.4
N814872		17.8	81.9	<0.002	0.01	2.59	11.2	2	1.8	367	0.72	<0.05	12.0	0.278	0.98	2.7
N814873		20.3	90.2	<0.002	0.12	35.6	10.9	2	1.8	283	0.70	<0.05	10.3	0.276	1.25	3.8
N814874		1.5	3.7	<0.002	<0.01	0.07	0.4	1	<0.2	45.1	<0.05	<0.05	0.2	0.007	0.02	0.6
N814875		16.9	85.4	<0.002	0.03	5.28	11.1	1	2.3	312	0.67	<0.05	9.6	0.269	1.15	3.5
N814876		18.5	79.5	<0.002	0.07	9.16	10.1	1	2.8	222	0.65	<0.05	9.9	0.250	1.16	4.0
N814877		17.5	78.2	<0.002	<0.01	0.95	11.7	1	2.2	412	0.67	<0.05	11.5	0.301	0.91	2.6
N814878		16.5	89.7	<0.002	0.01	0.81	11.9	2	2.3	427	0.66	<0.05	10.5	0.291	0.90	2.4
N814879		1400	158.0	<0.002	3.11	33.3	9.3	2	5.7	144.5	0.66	0.30	12.3	0.211	2.71	5.4
N814880		19.3	97.5	<0.002	0.01	1.71	11.8	2	3.3	398	0.77	<0.05	11.9	0.284	0.95	2.3
N814881		17.6	96.6	0.002	0.04	1.19	11.3	2	4.3	402	0.69	<0.05	11.5	0.284	1.04	2.5
N814882		16.2	88.9	<0.002	0.17	2.33	10.7	2	5.5	367	0.64	<0.05	10.3	0.283	1.09	2.5
N814883		20.5	105.5	<0.002	0.35	6.42	10.8	1	5.4	154.0	0.61	<0.05	13.2	0.268	1.79	9.7
N814884		16.3	98.5	0.004	0.15	5.15	12.2	1	4.6	165.0	0.63	<0.05	11.1	0.294	1.83	4.6
N814885		17.1	87.7	0.005	0.05	2.20	11.6	2	3.8	357	0.65	<0.05	10.9	0.287	1.16	2.7
N814886		17.2	89.6	0.006	0.04	2.23	11.3	1	3.7	364	0.66	<0.05	11.1	0.287	1.15	2.8
N814887		17.1	76.6	0.002	0.02	1.34	11.6	2	3.0	415	0.61	<0.05	9.3	0.291	0.94	2.3
N814888		17.6	96.5	<0.002	0.15	4.83	10.3	1	5.1	240	0.63	<0.05	9.5	0.267	1.70	4.9
N814889		1.3	2.0	<0.002	<0.01	<0.05	0.6	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814890		19.3	80.2	0.002	0.01	1.23	10.8	1	2.8	370	0.63	<0.05	9.2	0.274	0.96	1.7
N814891		32.2	69.3	0.002	0.04	7.12	10.3	1	4.4	224	0.64	<0.05	9.0	0.268	1.14	3.8
N814892		116.0	89.1	<0.002	0.12	3.18	11.5	2	5.4	326	0.64	<0.05	10.4	0.290	1.14	2.5
N814893		124.0	87.6	0.002	0.23	9.21	10.6	2	6.1	198.0	0.66	<0.05	10.0	0.270	1.75	4.3
N814894		146.5	91.4	<0.002	0.20	4.04	10.8	2	5.2	302	0.71	<0.05	9.4	0.282	1.68	3.5
N814895		20.4	90.3	<0.002	0.28	5.53	11.0	2	5.7	317	0.72	<0.05	10.3	0.283	1.47	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199382

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814860		74	5.1	15.0	87	39.8	<1
N814861		73	2.7	13.1	77	38.6	1
N814862		69	1.6	14.7	62	33.3	<1
N814863		63	1.7	12.4	55	37.8	1
N814864		29	1.6	10.2	47	47.7	<1
N814865		42	1.3	11.2	41	45.1	<1
N814866		56	5.4	11.8	2980	42.8	10
N814867		47	2.1	11.1	54	41.1	<1
N814868		79	1.9	17.5	52	42.8	1
N814869		82	2.1	15.8	55	43.9	1
N814870		77	1.2	16.6	51	42.8	<1
N814871		76	1.1	13.6	48	40.2	1
N814872		79	0.9	14.2	47	35.6	1
N814873		79	2.2	12.9	51	35.9	<1
N814874		3	0.1	1.1	15	0.5	<1
N814875		76	1.3	13.9	47	36.9	1
N814876		70	2.1	13.8	55	38.7	1
N814877		87	0.6	17.0	43	35.2	1
N814878		84	0.6	18.2	41	35.4	<1
N814879		58	5.5	11.6	3040	40.8	10
N814880		80	2.0	17.6	41	39.7	<1
N814881		80	1.4	16.8	41	41.3	<1
N814882		80	2.2	13.8	38	36.7	1
N814883		80	3.5	15.6	67	35.7	1
N814884		86	2.9	13.9	47	33.6	<1
N814885		83	1.6	16.2	39	33.6	<1
N814886		83	1.7	16.1	41	35.5	<1
N814887		84	1.8	15.8	39	34.3	1
N814888		75	1.8	13.8	50	34.3	<1
N814889		3	0.1	1.0	15	<0.5	<1
N814890		79	1.2	14.4	43	38.3	<1
N814891		80	2.9	15.5	63	39.8	<1
N814892		84	3.5	15.9	237	39.2	1
N814893		78	3.1	15.0	164	40.4	2
N814894		82	2.3	14.4	101	38.0	1
N814895		83	1.9	13.9	45	36.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 108

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199382

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199383

Project: Klaza - 108

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

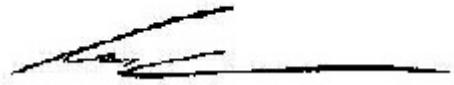
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199383

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814896		2.64	0.018	1.14	6.82	98.5	820	1.47	0.29	2.50	2.32	38.7	7.9	8	19.90	95.8
N814897		3.27	3.40	9.60	5.58	1390	280	1.13	0.82	2.40	60.0	35.7	7.7	6	17.00	81.8
N814898		3.48	2.77	>100	4.19	3490	330	0.91	8.64	1.92	227	37.6	6.2	5	7.54	268
N814899		3.01	<0.005	0.19	0.08	<5	70	0.06	0.03	19.45	0.36	1.15	1.1	<1	0.25	1.9
N814900		2.25	0.071	3.14	6.80	746	330	1.45	0.46	2.47	7.23	39.6	8.5	7	17.45	73.5
N814901		2.44	0.174	3.27	6.55	813	360	1.38	0.68	2.34	5.59	41.3	7.9	7	15.80	78.7
N814902		4.02	0.080	1.88	6.80	136.0	2300	1.40	2.56	3.04	1.20	39.9	9.1	6	21.3	38.0
N814903		3.12	<0.005	0.35	6.42	8.1	1820	1.40	0.72	2.81	0.33	37.2	8.4	9	16.40	37.3
N814904		2.21	0.008	0.60	6.84	13.3	1840	1.44	0.43	2.82	0.31	40.3	11.3	8	13.15	55.4
N814905		2.86	<0.005	0.25	7.07	3.4	1820	1.45	0.28	2.63	0.16	40.1	8.8	8	13.25	18.0
N814906		1.89	0.005	0.40	6.30	11.9	1620	1.37	0.26	3.19	0.24	35.3	10.1	7	18.05	31.5
N814907		4.92	<0.005	0.32	7.18	6.9	2020	1.36	0.29	3.00	0.16	41.0	7.4	9	9.63	76.9
N814908		5.60	0.006	0.26	7.29	4.2	1990	1.32	0.25	2.96	0.20	42.8	7.1	9	7.16	60.2
N814909		<0.02	<0.005	0.28	7.40	3.9	2010	1.55	0.30	2.93	0.21	47.0	7.6	8	7.40	60.5
N814910		5.07	<0.005	0.13	7.38	3.7	2070	1.29	0.25	2.78	0.12	41.6	6.9	10	6.64	21.9
N814911		0.26	2.35	25.1	5.66	3360	360	1.23	17.00	2.12	75.9	41.9	10.0	19	13.30	437
N814912		6.09	<0.005	0.42	7.15	5.8	2020	1.46	0.48	2.96	0.19	43.4	6.5	9	6.36	10.3
N814913		5.51	<0.005	0.44	7.50	3.2	2170	1.53	0.59	2.81	0.14	47.5	7.0	10	6.90	31.0
N814914		5.58	<0.005	0.18	7.80	4.5	2300	1.47	0.49	3.02	0.15	48.0	7.7	9	7.68	14.6
N814915		4.80	<0.005	0.47	7.28	5.5	2630	1.45	0.61	2.79	0.32	45.2	7.7	9	15.60	14.6
N814916		2.97	<0.005	0.08	6.60	12.7	1000	1.87	0.11	3.43	0.09	64.1	6.0	27	33.2	11.2
N814917		1.18	<0.005	0.09	6.59	12.6	1000	1.82	0.10	3.43	0.10	59.1	5.8	26	34.9	12.2
N814918		3.20	<0.005	0.17	7.13	12.7	4540	1.84	0.10	2.70	0.09	67.2	6.4	26	35.5	11.9
N814919		2.80	<0.005	0.31	6.93	7.6	1920	1.39	0.39	3.07	0.21	40.3	7.6	10	29.1	51.2
N814920		0.26	2.23	26.2	5.74	3370	80	1.24	17.35	2.15	76.4	42.8	9.9	18	13.60	441
N814921		3.12	<0.005	0.50	6.93	7.0	2200	1.55	0.37	3.26	0.20	42.5	7.9	9	19.25	53.1
N814922		5.75	<0.005	0.22	7.34	6.2	2220	1.49	0.51	2.87	0.13	40.8	8.0	11	8.53	20.9
N814923		2.07	<0.005	0.26	7.53	19.1	2140	1.52	0.65	2.95	0.13	49.7	8.0	9	9.61	40.1
N814924		2.91	0.021	0.91	6.87	61.6	840	1.34	0.78	2.77	2.15	52.7	8.4	8	23.1	33.8
N814925		2.97	<0.005	0.06	0.06	<5	20	0.05	0.01	20.2	0.06	1.04	0.5	<1	0.14	1.2
N814926		2.48	0.108	1.19	6.79	335	1740	1.40	2.97	2.65	1.94	42.9	8.0	7	19.75	31.7
N814927		3.79	<0.005	0.50	7.41	18.7	2090	1.50	73.7	2.58	0.20	44.0	7.3	11	12.60	65.5
N814928		5.24	<0.005	0.37	7.32	18.9	1990	1.48	1.28	2.83	0.16	46.0	8.0	10	8.93	44.5
N814929		3.69	<0.005	0.24	7.41	5.1	2000	1.54	0.34	2.60	0.17	48.3	7.6	9	11.40	33.6
N814930		4.08	0.005	0.19	7.21	6.3	2140	1.44	0.39	2.94	0.16	42.2	7.3	10	9.47	11.2
N814931		2.83	<0.005	0.59	7.59	5.4	2270	1.48	11.05	2.72	0.15	45.9	7.3	10	7.74	16.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814896		3.09	16.70	0.15	1.4	0.076	2.97	20.0	28.5	0.80	2920	0.80	0.37	8.1	2.7	560
N814897		3.66	14.45	0.16	1.0	0.289	2.45	20.3	27.9	0.88	6030	2.87	0.02	6.6	2.8	450
N814898		5.96	10.60	0.13	0.9	0.961	1.96	21.0	21.8	0.73	8890	3.95	0.02	4.8	2.2	340
N814899		0.48	0.32	0.31	<0.1	0.005	0.03	0.6	1.4	12.15	230	<0.05	<0.01	0.3	2.0	160
N814900		2.88	16.80	0.15	1.5	0.177	2.43	20.0	40.6	0.81	2440	1.84	0.03	8.5	2.4	590
N814901		2.96	15.80	0.16	1.5	0.143	2.26	21.6	44.1	0.78	3130	1.16	0.03	8.1	2.4	550
N814902		3.08	15.95	0.18	1.2	0.094	2.69	20.8	61.8	1.08	1980	0.61	0.13	7.7	2.4	570
N814903		3.12	17.25	0.18	1.4	0.047	2.69	18.2	28.0	0.75	768	1.27	1.68	8.8	2.7	610
N814904		3.19	17.20	0.18	1.4	0.043	2.47	20.5	23.1	0.87	655	1.42	1.87	9.1	3.1	610
N814905		3.22	17.70	0.18	1.4	0.036	2.55	20.3	19.6	0.82	515	1.38	2.09	8.8	2.8	630
N814906		2.82	16.30	0.17	1.4	0.045	2.44	17.1	37.2	0.97	802	2.19	1.13	8.6	2.6	590
N814907		2.98	14.95	0.10	1.4	0.038	2.35	17.9	18.2	0.88	598	0.85	1.94	6.7	3.7	650
N814908		3.01	15.25	0.11	1.4	0.052	2.48	18.3	16.4	0.92	579	0.80	2.22	6.8	2.4	640
N814909		3.00	15.80	0.12	1.3	0.042	2.49	20.2	17.5	0.92	571	0.73	2.27	7.0	2.4	640
N814910		3.06	14.55	0.10	1.3	0.042	2.38	18.2	15.6	0.99	563	0.58	2.29	6.5	2.5	650
N814911		6.45	13.65	0.13	0.9	1.600	2.63	19.3	22.8	0.89	1860	12.00	0.04	5.2	14.8	440
N814912		3.02	15.05	0.10	1.3	0.042	2.49	18.5	13.8	0.92	594	2.74	2.26	7.0	2.5	640
N814913		3.03	16.05	0.12	1.4	0.041	2.54	22.2	15.3	0.96	531	2.43	2.38	7.1	2.4	660
N814914		3.24	16.75	0.12	1.4	0.055	2.45	23.9	16.7	1.02	561	1.83	2.50	7.6	2.6	690
N814915		3.05	16.50	0.11	1.6	0.054	2.45	20.4	16.0	0.83	571	2.49	2.12	7.8	3.0	690
N814916		2.21	18.40	0.14	4.0	0.043	2.62	29.0	61.2	0.98	455	0.74	0.43	9.9	14.5	910
N814917		2.21	17.70	0.12	3.9	0.025	2.59	27.4	63.2	0.97	454	0.67	0.35	9.8	14.4	900
N814918		2.25	18.30	0.15	3.5	0.030	2.79	33.5	30.7	1.00	477	0.59	0.07	9.9	13.6	920
N814919		2.99	16.25	0.12	1.4	0.055	2.42	16.2	53.9	0.86	612	3.30	1.37	7.4	4.0	690
N814920		6.52	13.50	0.12	0.9	1.635	2.67	18.8	23.0	0.90	1880	11.95	0.04	5.2	14.7	440
N814921		3.08	16.10	0.13	1.3	0.054	2.37	17.2	16.4	0.84	584	1.05	2.05	7.3	3.2	690
N814922		3.30	16.10	0.14	1.3	0.041	2.52	16.4	15.4	0.94	582	1.49	2.34	7.6	2.5	700
N814923		3.19	15.60	0.13	1.4	0.043	2.63	22.2	13.6	0.90	572	0.93	2.32	7.4	2.3	660
N814924		3.34	14.60	0.11	1.4	0.073	2.70	25.3	45.2	0.95	1360	1.94	0.17	6.6	2.8	610
N814925		0.47	0.16	0.08	<0.1	0.007	0.02	0.5	0.9	12.55	220	0.06	<0.01	0.1	1.3	170
N814926		3.31	14.00	0.14	1.1	0.094	2.44	18.2	27.9	0.76	1420	3.28	1.22	6.5	2.5	580
N814927		3.23	16.25	0.13	1.3	0.043	2.70	19.9	15.9	0.88	837	1.54	1.98	7.6	3.2	640
N814928		3.04	15.90	0.13	1.3	0.051	2.51	21.8	15.9	0.95	560	1.53	2.39	7.3	2.9	640
N814929		3.10	15.70	0.11	1.3	0.047	2.62	22.9	16.7	0.91	625	2.87	2.22	7.1	2.5	660
N814930		3.27	15.20	0.12	1.2	0.047	2.64	18.1	13.4	0.98	772	3.89	2.20	7.2	2.5	640
N814931		3.04	15.35	0.10	1.3	0.034	2.65	21.5	16.1	0.89	587	1.37	2.32	7.0	2.4	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814896		118.0	132.5	<0.002	0.39	26.1	10.7	1	3.4	137.5	0.61	<0.05	11.3	0.244	2.19	7.3
N814897		1460	154.0	0.002	1.80	40.8	9.6	1	3.0	80.5	0.43	<0.05	9.3	0.204	2.14	6.5
N814898		>10000	131.5	<0.002	4.33	208	6.9	2	5.0	54.2	0.34	0.11	8.4	0.150	2.06	12.7
N814899		41.9	1.8	<0.002	0.01	0.41	0.2	1	0.2	47.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N814900		1050	101.0	0.002	0.85	31.4	10.8	1	3.3	165.0	0.63	<0.05	10.5	0.258	2.18	10.1
N814901		1080	118.0	<0.002	1.00	36.2	10.5	1	4.8	138.0	0.63	<0.05	11.7	0.240	1.97	6.3
N814902		336	128.0	<0.002	0.37	19.40	10.9	1	9.5	165.0	0.55	<0.05	10.3	0.247	1.92	3.1
N814903		22.0	98.4	<0.002	0.04	5.30	11.0	1	3.8	309	0.59	<0.05	8.5	0.267	1.33	2.0
N814904		30.1	98.9	<0.002	0.09	2.48	11.7	1	3.2	362	0.61	<0.05	10.0	0.266	0.97	1.9
N814905		18.0	96.0	<0.002	0.02	1.86	11.8	1	2.5	379	0.62	<0.05	10.9	0.271	1.00	2.6
N814906		16.9	78.3	<0.002	0.13	11.30	10.6	1	2.5	279	0.66	<0.05	9.1	0.250	1.32	3.1
N814907		20.2	90.8	<0.002	0.08	3.93	10.6	1	2.4	375	0.58	<0.05	11.1	0.271	1.01	2.9
N814908		17.3	94.6	0.002	0.11	1.03	10.7	<1	2.6	429	0.58	<0.05	11.0	0.276	0.89	2.5
N814909		17.0	98.2	0.002	0.12	1.13	11.1	1	2.6	436	0.57	<0.05	11.5	0.268	0.94	2.6
N814910		15.4	90.2	0.002	0.03	0.89	10.6	1	2.0	436	0.56	<0.05	10.4	0.273	0.87	1.9
N814911		2880	159.0	0.002	4.52	89.1	7.6	1	8.1	91.5	0.42	0.34	9.8	0.174	2.24	5.0
N814912		21.0	88.2	<0.002	0.05	1.12	10.1	1	3.3	427	0.56	<0.05	9.7	0.276	0.97	2.0
N814913		20.3	97.0	0.003	0.06	0.80	10.9	1	2.9	456	0.58	<0.05	10.9	0.278	0.95	1.8
N814914		17.1	105.5	0.003	0.10	0.82	12.1	1	3.9	508	0.60	<0.05	11.1	0.287	0.95	2.3
N814915		30.9	103.5	0.004	0.07	1.81	11.6	<1	3.0	477	0.59	<0.05	10.1	0.285	1.12	3.0
N814916		18.4	85.2	0.003	0.01	6.64	5.4	1	1.6	571	0.72	<0.05	10.2	0.258	1.19	4.5
N814917		18.1	81.7	<0.002	0.01	6.52	5.2	1	1.7	566	0.73	<0.05	9.8	0.257	1.20	4.3
N814918		18.9	102.5	0.003	0.17	6.03	5.6	<1	1.5	445	0.70	<0.05	11.6	0.261	1.36	6.9
N814919		19.0	93.1	0.002	0.05	3.52	10.3	1	3.1	398	0.57	<0.05	8.6	0.285	1.20	2.6
N814920		2900	159.0	0.002	4.56	90.9	7.5	1	7.9	89.3	0.43	0.31	9.9	0.175	2.32	4.8
N814921		19.5	95.4	0.002	0.05	1.71	10.5	2	2.5	499	0.51	<0.05	8.4	0.277	1.09	2.5
N814922		15.6	89.5	0.002	0.18	0.90	11.2	1	3.0	466	0.64	<0.05	9.5	0.296	1.07	3.3
N814923		16.6	98.2	<0.002	0.20	1.24	11.5	1	4.0	440	0.63	<0.05	12.6	0.281	1.00	4.8
N814924		286	122.5	0.003	0.74	10.55	10.1	1	4.8	219	0.59	<0.05	12.7	0.244	1.79	4.7
N814925		1.6	1.0	0.002	<0.01	0.10	0.2	1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N814926		211	98.7	0.003	0.84	8.49	10.0	1	3.9	335	0.57	0.07	11.5	0.250	1.27	3.3
N814927		22.6	108.5	<0.002	0.29	2.58	11.7	1	4.5	404	0.65	0.35	11.6	0.274	1.33	4.3
N814928		18.9	88.2	<0.002	0.18	1.24	11.3	1	5.4	442	0.63	<0.05	11.8	0.272	1.07	5.0
N814929		18.1	103.5	0.002	0.04	1.35	11.4	1	2.1	442	0.61	<0.05	12.2	0.280	1.05	3.5
N814930		22.8	90.0	<0.002	0.07	1.59	10.9	1	2.6	435	0.64	<0.05	10.3	0.284	1.09	4.1
N814931		26.3	95.6	0.002	0.16	0.75	10.6	1	2.7	456	0.63	<0.05	12.5	0.267	1.01	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N814896		70	2.4	14.0	211	38.3	1		
N814897		59	4.8	11.0	4220	30.5	10		
N814898		44	5.5	8.7	>10000	23.0	151	3.79	1.685
N814899		3	0.1	0.8	40	0.5	<1		
N814900		76	5.0	13.4	694	38.3	3		
N814901		69	3.9	13.8	464	38.7	3		
N814902		70	3.1	13.7	116	32.4	3		
N814903		80	2.4	13.5	55	36.1	<1		
N814904		76	3.3	15.0	52	38.7	1		
N814905		81	2.1	14.3	41	36.7	<1		
N814906		74	2.1	14.3	50	36.4	1		
N814907		81	2.0	14.3	45	33.2	<1		
N814908		81	2.2	15.1	43	35.8	<1		
N814909		80	2.2	15.2	42	35.7	1		
N814910		80	1.9	13.8	38	32.0	<1		
N814911		56	4.5	9.1	5380	23.2	25		
N814912		82	1.7	13.9	42	32.4	<1		
N814913		81	1.7	14.5	38	34.9	<1		
N814914		84	1.8	17.1	36	33.3	<1		
N814915		84	1.8	14.3	57	44.1	1		
N814916		51	1.3	10.6	63	148.5	<1		
N814917		50	1.1	9.8	64	146.5	<1		
N814918		52	1.8	11.2	69	136.5	<1		
N814919		84	1.4	12.9	59	40.2	<1		
N814920		57	4.7	9.4	5420	22.8	25		
N814921		81	1.4	13.5	52	39.4	1		
N814922		88	1.3	14.8	44	32.5	<1		
N814923		84	1.7	16.2	38	30.3	<1		
N814924		74	2.6	14.2	264	32.3	1		
N814925		2	0.1	0.8	16	<0.5	<1		
N814926		72	2.2	12.3	184	26.3	1		
N814927		85	2.5	16.0	46	29.8	<1		
N814928		82	4.5	15.4	44	30.1	<1		
N814929		84	2.3	15.0	47	27.3	<1		
N814930		85	1.6	15.4	57	28.3	<1		
N814931		79	1.4	14.9	46	31.0	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 108

Finalized Date: 7-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199383

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199384

Project: Klaza - 108

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

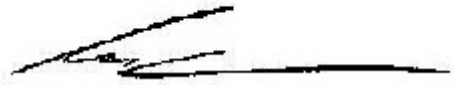
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199384

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814932		2.97	<0.005	0.45	6.75	9.1	1910	1.52	6.86	2.99	0.15	42.1	8.8	9	14.15	23.3
N814933		3.11	<0.005	0.12	7.33	1.9	2200	1.53	0.23	2.70	0.12	46.7	9.1	10	7.76	13.5
N814934		1.11	<0.005	0.12	7.44	2.1	2140	1.58	0.22	2.67	0.11	43.4	9.5	11	7.75	14.5
N814935		3.72	<0.005	0.12	7.04	5.4	2220	1.49	0.25	3.00	0.12	41.9	9.7	16	9.84	13.9
N814936		2.03	0.008	0.28	7.62	105.0	2210	1.43	0.92	2.81	0.15	41.8	10.9	15	16.75	23.5
N814937		2.73	<0.005	0.19	7.16	17.5	1760	1.37	0.43	2.96	0.20	40.0	9.3	11	15.10	18.5
N814938		3.47	0.308	1.99	6.82	1980	1760	1.56	0.57	2.97	9.19	41.5	10.0	8	23.0	17.4
N814939		2.17	0.105	0.70	7.39	1140	1610	1.71	0.45	2.91	0.80	44.1	9.9	8	20.9	22.5
N814940		3.61	0.226	1.10	6.77	1855	2110	1.54	2.17	3.14	4.18	45.2	9.8	9	19.20	23.2
N814941		3.28	0.297	0.62	7.26	988	1200	1.79	0.63	2.69	3.40	49.1	10.4	9	20.9	22.3
N814942		4.14	<0.005	0.17	7.09	20.2	1970	1.64	0.74	2.71	0.28	42.3	9.1	12	16.90	14.7
N814943		2.10	0.005	0.85	7.13	15.7	1780	1.56	3.66	2.91	0.29	45.1	8.9	8	19.10	27.8
N814944		2.01	<0.005	0.13	7.43	7.1	1970	1.65	0.30	2.72	0.13	48.4	9.7	12	13.75	10.1
N814945		0.26	0.787	9.45	6.49	1715	390	1.53	6.74	1.85	42.9	41.1	18.8	20	16.55	110.5
N814946		4.85	0.005	0.23	7.19	7.3	1970	1.50	0.47	2.66	0.18	43.4	9.1	12	12.45	19.4
N814947		1.92	0.022	3.96	6.82	494	1180	1.62	34.0	2.81	0.43	43.6	12.0	10	17.65	149.0
N814948		2.33	<0.005	0.55	6.97	34.0	1620	1.59	0.76	2.79	1.55	43.9	9.7	10	18.15	19.1
N814949		2.04	0.090	6.35	5.74	630	570	1.23	0.68	2.86	21.7	37.8	6.2	9	12.35	40.9
N814950		5.36	<0.005	0.20	7.21	21.6	2250	1.48	0.44	2.66	0.24	42.8	9.1	13	12.00	13.9
N814951		0.23	2.25	26.0	5.92	3360	1110	1.39	22.4	2.22	82.1	43.4	12.4	18	15.35	452
N814952		4.69	<0.005	0.18	7.56	6.2	2220	1.52	0.22	2.65	0.20	43.4	9.9	9	18.25	18.1
N814953		5.00	0.019	0.72	5.99	54.8	1390	1.44	0.28	4.45	1.26	39.6	9.3	7	19.10	21.2
N814954		3.09	<0.005	0.01	0.07	<5	10	0.05	0.02	20.7	0.07	1.11	1.3	<1	0.31	2.5
N814955		3.05	<0.005	0.14	7.08	3.0	2160	1.53	0.23	2.77	0.12	46.0	9.2	14	13.35	13.3
N814956		5.86	<0.005	0.12	7.25	3.3	2090	1.51	0.29	2.64	0.13	46.8	9.4	12	11.75	14.2
N814957		5.70	<0.005	0.15	7.43	3.1	2120	1.64	0.24	2.74	0.14	45.3	11.5	12	10.55	18.4
N814958		2.44	<0.005	0.13	7.30	2.2	2180	1.63	0.23	2.60	0.12	44.2	9.7	12	9.05	13.4
N814959		<0.02	<0.005	0.14	7.37	2.2	2140	1.56	0.26	2.62	0.13	48.2	9.9	20	9.20	14.3
N814960		3.49	0.030	0.62	7.07	169.0	1880	1.66	0.61	2.93	2.65	45.7	10.3	10	14.35	25.0
N814961		4.42	<0.005	0.31	6.80	30.0	1460	1.59	0.31	2.53	0.21	41.2	8.8	8	26.2	8.4
N814962		3.23	<0.005	0.18	7.18	141.0	1630	1.54	0.39	2.46	0.13	42.7	9.6	10	19.90	8.7
N814963		2.42	<0.005	0.01	0.11	<5	20	0.09	0.04	20.1	0.06	1.28	1.5	<1	0.54	2.0
N814964		2.00	<0.005	0.18	7.11	10.8	1700	1.51	0.22	2.20	0.12	45.5	8.6	10	18.70	13.2
N814965		2.05	<0.005	0.13	6.51	18.8	1900	1.52	0.15	2.72	0.21	39.8	9.1	10	12.80	6.0
N814966		2.71	<0.005	0.09	7.24	2.5	2110	1.55	0.12	2.58	0.10	47.5	9.5	12	10.05	10.7
N814967		4.43	<0.005	0.09	7.12	2.9	1960	1.59	0.10	2.67	0.09	45.0	9.8	12	13.05	9.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814932		2.87	16.80	0.12	1.6	0.039	2.41	21.4	20.1	0.72	682	2.50	1.77	7.7	2.9	580
N814933		2.96	17.40	0.12	1.7	0.043	2.51	24.1	16.6	0.89	624	2.67	2.27	7.9	2.8	600
N814934		3.03	17.85	0.13	1.7	0.042	2.53	22.2	18.8	0.92	633	4.03	2.27	8.2	2.8	610
N814935		3.16	17.50	0.13	1.6	0.047	2.50	20.4	14.9	0.92	714	7.51	2.21	8.1	2.9	660
N814936		3.43	19.35	0.13	1.5	0.048	2.80	20.4	25.3	0.88	1020	7.86	1.18	9.0	3.1	720
N814937		3.11	17.50	0.13	1.4	0.042	2.61	19.7	37.9	0.78	941	9.55	0.67	8.1	2.7	660
N814938		3.24	16.70	0.13	1.2	0.120	2.83	22.1	31.3	0.99	3690	6.85	0.10	7.2	2.9	600
N814939		2.81	17.25	0.13	1.3	0.062	2.96	23.5	42.4	0.94	2300	6.12	0.09	7.7	2.9	670
N814940		3.26	17.30	0.13	1.4	0.062	2.93	24.2	71.4	1.11	4200	4.60	0.04	6.8	2.5	580
N814941		3.12	17.90	0.13	1.6	0.057	3.26	25.6	32.5	0.97	1720	1.84	0.36	7.8	2.7	590
N814942		3.00	18.30	0.12	1.5	0.048	2.58	21.2	12.8	0.75	652	1.96	2.06	8.0	2.8	620
N814943		2.95	17.10	0.13	1.6	0.042	2.48	23.5	26.2	0.92	759	10.20	1.08	7.5	2.6	610
N814944		3.07	18.40	0.13	1.6	0.043	2.60	24.4	30.2	0.82	655	1.72	2.16	8.5	2.9	640
N814945		5.12	16.45	0.15	1.5	0.933	2.81	21.2	27.4	0.70	2040	13.40	0.27	7.5	16.2	500
N814946		2.81	18.20	0.12	1.6	0.045	2.40	21.8	15.1	0.79	637	5.38	2.21	8.0	2.9	620
N814947		3.66	16.50	0.14	1.4	0.058	2.62	22.8	39.8	1.01	1390	18.35	0.68	7.4	3.1	570
N814948		3.12	17.45	0.13	1.6	0.059	2.91	22.4	36.4	0.89	2090	1.53	0.88	8.0	2.7	620
N814949		4.28	15.00	0.14	1.1	0.381	2.72	20.7	12.6	1.07	6500	6.99	0.03	5.6	2.6	480
N814950		3.12	18.05	0.13	1.3	0.041	2.66	21.1	21.8	0.85	975	3.69	2.10	7.8	2.8	640
N814951		6.68	15.70	0.16	1.1	1.810	2.66	23.6	27.4	0.95	1980	14.35	0.04	6.1	16.9	460
N814952		3.09	18.15	0.13	1.5	0.047	2.60	22.0	26.2	0.80	673	2.03	1.87	8.1	2.9	660
N814953		2.81	14.45	0.13	1.2	0.064	2.38	22.1	35.7	1.52	1900	2.78	0.21	6.1	2.6	480
N814954		0.46	0.30	0.07	<0.1	0.005	0.04	0.6	1.4	12.50	225	0.19	0.01	0.3	<0.2	160
N814955		2.88	18.15	0.14	1.4	0.042	2.45	23.5	17.4	0.79	623	4.88	2.16	7.7	2.8	610
N814956		3.10	18.30	0.13	1.5	0.043	2.46	23.3	27.1	0.85	642	6.01	2.20	8.1	2.9	640
N814957		3.04	18.05	0.12	1.3	0.048	2.47	23.3	19.4	0.88	644	1.58	2.24	8.0	2.9	640
N814958		3.23	17.90	0.12	1.2	0.050	2.48	22.0	18.9	1.01	698	2.79	2.36	8.2	3.0	650
N814959		3.19	17.95	0.13	1.2	0.049	2.52	25.0	18.8	1.01	710	2.27	2.30	8.0	3.2	650
N814960		3.24	18.30	0.14	1.3	0.146	2.89	23.1	14.9	0.72	1240	4.19	1.57	7.9	3.0	630
N814961		2.80	17.05	0.13	1.4	0.036	2.40	20.9	84.6	0.81	854	2.04	0.79	7.8	2.7	610
N814962		2.95	17.20	0.13	1.4	0.037	2.52	21.5	47.2	0.71	793	3.35	0.78	7.7	2.8	640
N814963		0.45	0.37	0.08	<0.1	0.005	0.06	0.6	1.6	12.15	213	0.11	0.01	0.3	1.4	160
N814964		3.11	17.35	0.15	1.5	0.045	2.61	22.6	59.8	0.72	932	1.49	1.09	7.8	3.2	650
N814965		3.14	16.90	0.12	1.4	0.046	2.57	19.3	19.8	0.84	1400	7.46	1.45	7.5	2.8	610
N814966		3.00	17.70	0.13	1.5	0.037	2.48	24.3	21.9	0.89	665	1.94	2.19	7.9	2.9	620
N814967		3.00	17.35	0.13	1.4	0.038	2.46	23.4	26.9	0.84	741	1.69	1.93	8.0	3.5	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814932		22.7	96.0	<0.002	0.14	3.31	12.3	1	2.8	406	0.72	<0.05	13.7	0.268	1.14	4.4
N814933		16.3	103.5	<0.002	0.02	0.82	12.8	1	2.2	448	0.71	<0.05	14.1	0.272	1.00	3.7
N814934		16.2	103.5	<0.002	0.02	0.90	13.3	1	2.4	431	0.76	<0.05	13.7	0.280	1.00	4.3
N814935		19.1	99.9	<0.002	0.05	1.36	13.6	1	2.3	442	0.70	<0.05	12.4	0.294	1.16	4.3
N814936		15.8	121.0	<0.002	0.24	5.72	15.6	1	3.9	317	0.74	<0.05	11.9	0.326	1.60	3.7
N814937		14.4	97.8	<0.002	0.18	7.62	13.7	1	3.2	251	0.69	<0.05	11.3	0.307	1.43	5.2
N814938		280	157.0	<0.002	1.47	22.1	13.2	1	3.5	216	0.57	<0.05	11.7	0.278	2.67	9.2
N814939		25.9	154.5	<0.002	0.80	12.35	13.9	1	3.5	236	0.63	<0.05	13.2	0.297	2.37	5.1
N814940		155.5	165.0	<0.002	1.23	14.80	12.8	1	2.7	200	0.59	<0.05	11.8	0.255	2.30	5.5
N814941		70.0	153.5	<0.002	0.53	10.20	14.6	1	2.3	233	0.71	<0.05	13.8	0.283	2.50	7.1
N814942		21.7	99.5	<0.002	0.17	2.04	13.4	1	2.3	427	0.70	<0.05	13.4	0.285	1.25	3.0
N814943		23.0	107.0	0.004	0.27	8.29	13.1	1	2.5	311	0.69	<0.05	13.5	0.269	1.41	3.3
N814944		19.2	113.5	<0.002	0.02	1.97	14.7	1	2.1	450	0.78	<0.05	13.9	0.293	1.25	4.0
N814945		1355	163.5	<0.002	3.11	34.6	10.4	1	6.0	151.0	0.64	0.27	11.7	0.213	2.53	5.1
N814946		18.9	100.5	<0.002	0.04	2.19	13.6	1	2.5	433	0.69	<0.05	12.9	0.282	1.23	3.6
N814947		36.8	138.5	<0.002	0.63	31.4	12.5	1	3.8	245	0.63	0.07	12.2	0.260	2.21	3.1
N814948		97.0	135.5	<0.002	0.23	9.47	13.6	1	2.8	285	0.72	<0.05	13.0	0.279	2.15	4.4
N814949		973	192.5	0.002	2.00	22.6	10.5	1	3.0	106.0	0.51	<0.05	11.0	0.201	2.35	6.5
N814950		24.0	105.0	<0.002	0.07	2.95	13.6	1	2.5	442	0.65	<0.05	13.0	0.290	1.38	3.0
N814951		2940	174.5	0.002	4.88	94.0	9.9	2	8.2	95.8	0.52	0.39	11.3	0.190	2.48	5.4
N814952		18.7	110.0	<0.002	0.04	3.99	14.3	1	2.9	438	0.66	<0.05	12.7	0.298	1.22	2.8
N814953		47.3	151.5	<0.002	0.41	15.95	11.1	1	2.1	248	0.53	<0.05	11.0	0.222	1.93	5.6
N814954		1.5	2.3	<0.002	<0.01	0.06	0.3	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814955		16.3	109.0	<0.002	0.03	1.21	13.9	1	2.7	456	0.64	<0.05	12.7	0.273	1.10	2.5
N814956		16.1	102.5	<0.002	0.04	1.18	14.3	1	2.5	451	0.70	<0.05	13.0	0.291	1.08	3.2
N814957		18.0	108.0	<0.002	0.04	1.11	14.6	1	2.4	433	0.71	<0.05	13.0	0.288	1.10	2.8
N814958		16.8	97.2	<0.002	0.02	0.93	14.5	1	2.7	507	0.67	<0.05	12.1	0.292	1.03	2.2
N814959		17.0	105.0	<0.002	0.02	0.94	14.8	1	2.7	496	0.66	<0.05	12.6	0.293	1.03	2.3
N814960		83.2	133.0	<0.002	0.45	7.39	14.5	1	2.7	363	0.66	<0.05	12.7	0.283	1.81	4.3
N814961		19.6	102.5	<0.002	0.17	7.89	13.2	1	2.0	348	0.69	<0.05	12.1	0.271	1.67	3.9
N814962		16.4	99.4	<0.002	0.27	10.50	13.6	1	2.0	282	0.66	<0.05	12.7	0.286	1.62	4.6
N814963		1.3	3.1	<0.002	<0.01	<0.05	0.4	1	<0.2	40.2	<0.05	<0.05	0.2	0.005	0.02	0.5
N814964		15.8	109.5	<0.002	0.07	8.33	14.2	1	2.1	302	0.65	<0.05	12.9	0.293	1.48	3.3
N814965		20.9	100.5	<0.002	0.07	3.42	13.3	1	1.8	345	0.61	<0.05	11.4	0.276	1.54	3.2
N814966		16.2	103.5	<0.002	0.02	0.97	14.1	1	1.7	436	0.67	<0.05	14.2	0.280	1.03	3.5
N814967		16.2	108.0	<0.002	0.02	2.01	14.1	1	1.7	421	0.68	<0.05	13.8	0.285	1.14	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199384

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814932		77	2.4	16.5	46	44.6	1
N814933		78	1.8	17.5	44	47.3	<1
N814934		79	1.6	17.8	45	45.9	<1
N814935		86	1.6	16.9	53	42.6	<1
N814936		96	3.0	17.3	61	39.8	<1
N814937		87	3.5	16.2	61	37.8	1
N814938		80	5.9	14.1	746	32.0	2
N814939		83	4.8	15.6	108	35.1	1
N814940		80	2.9	14.4	319	35.8	1
N814941		85	4.7	15.1	276	41.5	1
N814942		79	2.9	15.0	65	42.6	<1
N814943		79	3.9	14.9	60	42.1	2
N814944		83	2.4	18.3	57	44.1	1
N814945		58	5.5	12.0	3070	42.8	10
N814946		79	2.2	15.5	60	43.1	1
N814947		75	4.6	14.3	90	36.3	4
N814948		77	3.4	15.3	189	39.8	1
N814949		59	11.1	10.5	2020	30.2	6
N814950		82	3.2	16.3	65	36.7	<1
N814951		59	5.7	11.0	5710	29.3	26
N814952		83	4.0	16.5	61	40.8	1
N814953		67	3.3	13.9	139	33.7	1
N814954		2	0.1	0.9	14	<0.5	<1
N814955		77	1.6	16.9	48	38.5	<1
N814956		82	1.2	16.8	53	41.0	<1
N814957		82	1.4	16.9	52	33.2	1
N814958		83	1.8	17.2	52	31.9	1
N814959		84	1.8	17.5	52	31.4	1
N814960		79	2.5	16.6	288	33.7	1
N814961		76	4.1	14.7	59	36.4	1
N814962		81	6.1	15.2	53	36.7	1
N814963		3	0.1	0.9	13	0.8	<1
N814964		84	3.7	15.9	58	38.9	1
N814965		79	2.6	15.8	61	39.3	1
N814966		79	1.4	17.0	52	41.3	1
N814967		80	2.3	16.5	55	37.6	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 108

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199384

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199385

Project: Klaza - 108

P.O. No.: Batch 4

This report is for 19 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

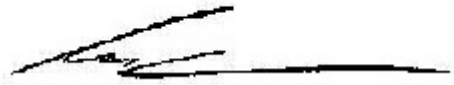
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199385

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814968		4.43	<0.005	0.16	6.97	29.4	2000	1.68	0.09	2.91	0.11	37.4	8.6	9	18.00	9.8
N814969		2.74	0.006	0.43	6.95	285	1680	1.64	0.20	2.46	2.29	40.8	8.1	8	16.55	11.6
N814970		2.11	0.027	1.25	6.94	112.0	920	1.55	0.82	1.97	8.65	43.4	7.4	10	16.00	20.6
N814971		4.69	0.035	0.70	6.65	321	1100	1.57	0.39	2.44	5.50	41.2	7.8	7	26.0	12.0
N814972		2.64	<0.005	0.06	0.06	<5	30	0.05	0.03	20.0	0.08	1.17	0.5	<1	0.28	1.2
N814973		4.42	0.005	0.93	6.59	29.2	3290	1.10	0.48	3.14	0.93	40.8	6.9	7	16.45	19.6
N814974		4.61	<0.005	3.41	6.91	15.7	1950	1.56	0.26	2.66	0.37	38.1	8.9	10	10.75	24.3
N814975		4.24	0.006	0.49	7.01	34.3	2010	1.68	0.21	3.01	0.82	37.5	9.0	10	11.15	11.3
N814976		5.98	<0.005	0.25	6.48	176.0	1750	1.63	0.12	3.45	0.24	36.9	8.4	9	11.60	10.7
N814977		6.13	0.007	0.66	6.79	134.5	1780	1.64	0.39	2.73	0.15	35.4	9.9	8	19.20	16.8
N814978		4.88	<0.005	0.19	6.66	10.9	2060	1.58	0.25	3.13	0.12	36.2	8.5	10	12.55	10.8
N814979		2.05	0.005	0.62	6.77	28.0	7490	1.76	0.35	2.25	0.22	41.3	8.6	9	21.1	10.6
N814980		4.34	<0.005	0.12	6.78	16.0	1260	1.79	0.08	3.06	0.13	56.5	4.6	10	19.65	6.0
N814981		0.26	0.721	10.35	6.13	1730	240	1.55	6.34	1.81	41.8	39.1	16.6	19	15.60	103.5
N814982		5.00	<0.005	0.03	6.66	9.1	1350	2.26	0.03	3.24	0.21	56.2	4.4	9	21.1	3.8
N814983		5.51	<0.005	0.06	6.77	11.4	1010	2.23	0.06	3.57	0.26	56.0	4.7	10	26.8	4.0
N814984		2.38	<0.005	0.36	6.65	22.6	820	2.31	0.11	3.49	0.67	53.9	5.2	10	25.0	6.5
N814985		3.09	0.011	0.93	7.32	186.0	760	2.12	0.35	2.25	1.50	51.5	8.9	8	25.0	17.9
N814986		4.58	<0.005	0.36	6.99	13.5	1870	1.71	0.39	2.95	0.19	40.3	8.4	10	16.60	28.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814968		3.08	16.35	0.12	1.5	0.031	2.56	19.0	18.6	0.72	739	2.41	1.90	8.1	2.9	640
N814969		3.89	15.65	0.13	1.3	0.061	2.63	21.4	36.2	0.74	1720	1.97	0.96	7.6	3.0	630
N814970		5.54	15.30	0.13	1.2	0.216	2.94	23.4	54.4	0.81	2330	7.86	0.27	6.9	2.7	590
N814971		3.35	16.20	0.13	1.2	0.081	2.56	21.6	95.5	0.86	1430	1.66	0.07	7.6	2.6	600
N814972		0.45	0.18	0.09	<0.1	<0.005	0.03	0.6	1.1	12.05	202	0.18	<0.01	0.2	1.7	170
N814973		2.57	15.00	0.15	1.3	0.041	2.55	22.0	56.0	1.03	889	1.27	0.16	7.1	2.4	610
N814974		3.29	16.45	0.16	1.4	0.041	2.43	20.2	20.9	0.85	717	1.40	1.74	7.9	3.9	610
N814975		3.27	17.40	0.13	1.4	0.052	2.49	19.8	13.8	0.85	890	1.33	2.11	8.2	3.3	640
N814976		3.02	16.20	0.14	1.5	0.035	2.43	19.2	24.0	0.80	1070	0.96	1.70	7.9	2.9	590
N814977		3.12	16.20	0.14	1.3	0.040	2.38	18.2	29.9	0.82	852	1.17	1.40	7.6	3.0	610
N814978		3.11	16.35	0.15	1.3	0.041	2.28	18.2	16.2	0.79	798	0.92	2.04	8.0	2.9	630
N814979		3.02	16.80	0.15	1.4	0.048	2.06	21.6	100.0	0.72	1140	1.31	0.47	8.1	3.2	630
N814980		2.32	18.00	0.15	2.7	0.026	2.00	29.7	136.5	0.81	633	1.22	0.13	11.1	3.9	1000
N814981		5.11	14.95	0.14	1.3	0.896	2.74	19.6	24.5	0.64	1940	12.35	0.26	7.3	15.2	490
N814982		2.35	19.45	0.17	2.4	0.031	2.49	25.5	128.5	0.79	560	0.65	0.10	10.8	3.6	980
N814983		2.43	20.4	0.19	2.6	0.027	2.73	24.7	75.1	0.73	541	0.76	0.10	11.5	4.2	1010
N814984		2.40	20.3	0.19	2.8	0.026	2.63	23.6	135.5	0.72	681	3.36	0.12	11.7	4.7	1020
N814985		3.32	17.50	0.19	1.2	0.044	2.95	25.0	30.0	0.82	1900	2.36	0.05	7.6	2.9	630
N814986		3.21	17.65	0.17	1.3	0.048	2.56	17.7	29.0	0.83	1040	1.31	1.73	7.9	2.6	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814968		16.4	101.0	<0.002	0.17	4.33	11.5	<1	1.7	424	0.66	<0.05	10.9	0.280	1.28	3.7
N814969		162.5	115.5	<0.002	0.34	5.67	11.6	<1	2.0	307	0.68	<0.05	12.4	0.273	1.69	3.9
N814970		303	152.0	0.002	0.63	8.37	11.2	<1	2.7	184.5	0.58	<0.05	12.0	0.254	2.47	4.0
N814971		107.5	111.5	<0.002	0.36	12.55	11.7	<1	2.7	268	0.65	<0.05	11.9	0.256	2.05	4.1
N814972		2.0	2.0	<0.002	<0.01	0.11	0.2	<1	<0.2	46.2	<0.05	<0.05	0.3	<0.005	0.03	0.7
N814973		40.6	95.3	<0.002	0.17	10.85	10.1	<1	1.9	333	0.62	<0.05	12.3	0.251	1.80	3.8
N814974		29.6	96.4	<0.002	0.05	2.26	11.6	<1	2.1	471	0.67	<0.05	11.8	0.267	1.16	3.2
N814975		76.3	98.1	0.002	0.07	2.28	11.7	<1	1.8	447	0.70	<0.05	11.4	0.281	1.12	4.3
N814976		22.4	97.1	<0.002	0.14	7.37	10.6	<1	2.1	433	0.71	<0.05	11.1	0.256	1.26	5.1
N814977		26.3	92.0	<0.002	0.13	4.18	11.2	<1	2.6	401	0.64	<0.05	10.5	0.266	1.30	5.1
N814978		20.3	83.7	0.002	0.10	1.77	11.1	<1	2.3	457	0.67	<0.05	10.3	0.275	1.06	3.6
N814979		133.0	93.8	<0.002	0.34	8.73	11.6	1	2.2	367	0.66	<0.05	11.1	0.273	1.56	4.6
N814980		17.5	60.4	<0.002	0.12	5.20	5.6	<1	1.8	540	0.77	<0.05	10.5	0.273	1.80	5.2
N814981		1325	158.0	0.002	3.01	32.5	8.8	<1	5.7	145.0	0.63	0.25	11.1	0.202	2.39	5.3
N814982		16.1	76.0	<0.002	0.03	4.46	5.9	1	1.4	554	0.77	<0.05	8.9	0.280	1.70	3.1
N814983		20.6	78.8	<0.002	0.01	6.76	6.0	1	1.4	573	0.79	<0.05	8.7	0.290	1.74	4.4
N814984		38.0	66.3	<0.002	0.09	6.14	5.9	1	1.8	548	0.82	<0.05	8.5	0.290	1.77	5.5
N814985		52.5	148.5	<0.002	1.16	15.60	13.9	1	2.3	239	0.65	<0.05	13.4	0.285	3.44	4.6
N814986		25.7	97.2	<0.002	0.17	3.12	13.2	1	2.3	405	0.68	<0.05	11.2	0.288	1.49	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 108

CERTIFICATE OF ANALYSIS WH12199385

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814968		84	4.3	15.3	51	37.0	<1
N814969		80	5.1	16.0	265	30.4	<1
N814970		75	12.7	13.4	995	27.0	1
N814971		72	3.5	14.7	552	28.3	1
N814972		2	0.1	0.8	16	<0.5	<1
N814973		66	2.4	13.3	113	30.6	1
N814974		78	35.4	15.5	67	32.9	3
N814975		84	2.5	16.0	123	36.8	1
N814976		73	2.6	16.3	61	34.5	<1
N814977		77	4.3	14.1	57	29.2	<1
N814978		80	1.0	14.8	54	28.9	<1
N814979		77	2.4	15.5	62	33.5	1
N814980		46	1.9	12.7	65	76.6	<1
N814981		57	5.4	11.0	2950	37.5	10
N814982		45	2.3	11.7	70	76.9	<1
N814983		45	1.8	11.4	81	89.4	<1
N814984		47	2.5	11.6	97	100.0	1
N814985		81	7.6	14.4	143	32.4	<1
N814986		80	1.2	14.7	71	34.4	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 108

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199385

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199386

Project: Klaza - 112

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

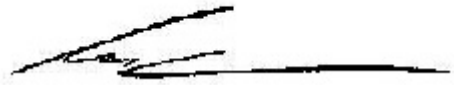
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199386

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813335		4.40	0.033	0.96	9.29	131.5	1810	2.32	0.27	0.33	0.67	55.2	9.1	11	30.8	11.1
N813336		4.99	0.035	0.88	8.65	113.5	1890	2.08	0.25	0.41	0.51	60.1	9.7	10	30.2	11.0
N813337		10.53	0.035	0.67	8.62	120.0	2520	2.15	0.26	1.09	1.14	47.7	13.1	12	27.3	14.1
N813338		<0.02	0.028	0.64	8.40	121.5	2570	2.14	0.27	0.72	1.15	49.5	13.5	12	25.6	10.1
N813339		4.51	0.080	1.07	8.60	653	1640	2.19	0.22	1.20	0.84	46.5	11.6	11	29.4	9.7
N813340		7.65	0.036	0.88	7.09	607	1660	2.05	0.20	2.09	0.53	28.2	9.6	10	27.8	6.5
N813341		4.76	0.047	0.69	6.17	898	1390	2.00	0.28	2.54	0.59	23.5	11.6	11	28.0	7.1
N813342		3.37	0.042	0.84	8.84	1040	1590	2.81	0.30	0.35	2.68	45.2	10.2	12	30.9	11.3
N813343		2.85	0.199	3.26	8.87	1505	1880	3.17	1.42	0.24	6.81	51.3	20.3	13	28.9	14.9
N813344		3.00	5.30	5.50	7.42	2210	800	3.01	1.45	0.23	4.90	56.6	2.9	16	28.5	12.5
N813345		7.46	0.008	0.08	7.37	73.1	870	2.99	0.16	0.79	0.41	46.2	2.2	4	29.4	0.6
N813347		4.18	0.012	0.16	7.87	164.0	750	3.31	0.05	0.22	0.50	47.0	2.1	4	32.7	2.0
N813348		3.81	0.006	0.15	7.64	186.0	1030	3.08	0.08	0.23	0.60	46.9	2.3	4	32.6	3.1
N813349		0.62	<0.005	0.07	7.33	152.0	860	3.17	0.04	0.20	0.60	44.8	2.0	3	29.8	2.0
N813350		2.49	0.005	0.10	7.54	141.0	890	3.08	0.15	0.22	0.63	41.9	2.1	3	31.4	1.7
N813351		3.97	0.006	0.08	7.59	166.5	980	3.19	0.29	0.20	0.75	44.4	2.3	5	28.9	3.1
N813352		3.21	0.454	4.44	8.65	625	7090	3.33	3.36	0.86	8.25	56.8	13.2	18	39.7	57.3
N813353		7.18	<0.005	0.19	6.35	127.0	2220	2.41	0.15	3.37	0.14	33.4	6.9	12	29.1	16.7
N813354		0.26	0.842	9.68	6.63	1805	160	1.71	6.40	2.02	43.3	43.8	16.9	21	17.00	116.5
N813355		6.38	<0.005	0.07	5.89	331	1120	2.24	0.13	3.64	0.14	32.5	7.4	11	28.2	14.4
N813356		2.89	<0.005	0.15	7.08	365	4130	1.98	0.21	3.20	0.21	40.8	8.5	17	28.6	25.2
N813357		5.55	1.565	6.07	7.37	3510	390	1.98	1.03	1.86	30.5	46.4	10.0	13	18.00	42.9
N813358		3.44	<0.005	0.08	0.07	5	30	0.06	0.03	20.4	0.08	1.22	1.1	<1	0.19	2.4
N813359		2.62	0.557	3.03	7.91	2350	640	1.57	0.50	1.24	16.40	43.8	6.6	17	9.98	21.6
N813360		2.18	0.182	4.84	7.37	418	280	1.58	3.72	1.23	5.12	51.7	23.7	14	12.15	41.4
N813361		3.32	0.010	0.45	6.94	69.7	1670	1.92	0.82	2.44	0.61	36.8	7.8	11	18.05	12.7
N813362		5.20	0.014	0.58	7.35	267	1370	1.81	0.49	1.57	1.92	30.4	7.2	10	24.7	38.1
N813363		4.07	<0.005	0.55	7.12	25.1	1700	1.82	0.18	2.11	8.55	26.8	6.5	10	20.1	15.5
N813364		5.67	<0.005	0.20	7.20	18.8	2150	2.10	0.31	2.95	0.25	34.9	9.1	8	20.6	9.3
N813365		3.34	<0.005	0.10	7.22	9.3	2600	1.95	0.06	2.73	0.26	44.4	8.4	8	12.05	7.1
N813366		3.29	<0.005	0.08	7.33	6.2	2240	2.07	0.06	3.09	0.28	46.8	9.5	10	10.65	4.5
N813367		0.26	0.773	9.64	6.60	1520	420	1.46	6.19	1.94	43.4	46.0	16.2	22	17.00	116.0
N813368		3.69	<0.005	0.17	7.70	43.0	2020	1.56	0.08	1.56	2.36	50.3	8.7	10	26.3	7.0
N813369		7.49	0.011	0.82	7.48	163.5	2090	1.66	0.28	1.60	3.90	58.3	7.7	12	14.40	8.0
N813370		3.68	0.010	0.35	6.31	10.2	2530	1.17	0.53	5.79	0.40	51.9	7.6	7	10.55	6.3
N813371		2.15	<0.005	0.02	0.05	<5	20	<0.05	0.02	21.4	0.08	1.08	1.1	<1	0.12	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199386

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813335		3.95	20.8	0.18	1.7	0.057	3.54	25.6	51.6	0.22	1340	1.63	1.00	9.7	4.6	850
N813336		3.50	19.90	0.19	1.5	0.056	2.99	28.4	63.2	0.27	1440	1.02	1.02	8.6	3.6	750
N813337		3.73	20.1	0.18	1.5	0.065	3.38	24.2	40.3	0.25	2450	1.02	1.14	9.5	4.0	700
N813338		3.65	19.45	0.20	1.4	0.069	3.33	25.8	43.7	0.25	2380	1.05	1.08	9.3	3.8	680
N813339		3.55	20.7	0.20	1.4	0.057	3.45	23.0	37.4	0.25	3710	1.51	0.67	10.1	4.1	700
N813340		3.19	19.00	0.17	1.2	0.049	3.45	12.2	15.4	0.24	2670	1.62	0.22	9.3	4.2	610
N813341		3.53	17.35	0.16	1.1	0.125	3.37	9.7	13.5	0.21	3970	1.50	0.16	8.3	4.1	540
N813342		3.65	21.0	0.18	1.4	0.069	3.92	20.4	25.7	0.28	3060	2.31	0.07	8.6	3.7	720
N813343		4.57	21.9	0.19	1.4	0.209	4.03	23.4	12.2	0.35	8740	4.48	0.04	8.7	7.3	530
N813344		4.56	20.0	0.20	2.3	0.246	3.10	32.4	22.4	0.23	1110	6.07	0.06	11.3	1.9	410
N813345		1.56	22.0	0.15	2.7	0.020	3.09	21.4	16.4	0.20	662	0.73	0.06	15.7	0.8	370
N813347		1.52	23.1	0.16	2.8	0.031	3.21	22.4	26.3	0.21	565	0.72	0.06	17.1	0.7	370
N813348		1.55	23.1	0.16	2.8	0.027	3.23	22.7	17.6	0.22	877	0.93	0.06	17.3	0.9	370
N813349		1.49	21.8	0.15	2.7	0.023	3.06	20.4	18.0	0.21	608	0.73	0.05	16.2	0.7	310
N813350		1.55	22.2	0.16	2.9	0.021	3.12	18.8	16.9	0.21	709	0.72	0.06	16.7	0.9	370
N813351		1.61	22.3	0.15	3.0	0.017	3.04	20.5	25.4	0.16	622	1.50	0.08	17.8	1.6	380
N813352		4.26	24.0	0.20	2.7	0.342	3.03	26.1	55.2	0.26	1170	5.30	0.05	11.0	7.6	750
N813353		2.65	21.7	0.17	2.7	0.036	2.92	13.5	40.1	0.39	660	1.19	0.07	8.8	5.3	810
N813354		5.52	16.60	0.20	1.3	0.977	2.97	20.9	26.5	0.72	2120	13.65	0.27	7.5	16.0	520
N813355		2.63	20.4	0.15	2.6	0.033	2.87	13.4	34.5	0.31	737	0.69	0.07	8.6	4.8	790
N813356		2.71	21.4	0.17	3.2	0.035	3.04	17.1	21.6	0.78	1030	0.93	0.07	8.1	7.8	890
N813357		4.98	18.60	0.19	1.1	0.356	3.30	22.6	20.4	0.71	5450	5.50	0.03	6.9	3.0	590
N813358		0.48	0.30	0.15	<0.1	0.010	0.03	0.6	1.1	12.85	204	0.24	0.01	0.3	2.6	220
N813359		3.65	18.50	0.18	1.2	0.298	3.81	21.7	8.6	0.59	8770	3.38	0.02	7.5	2.5	600
N813360		5.79	17.25	0.21	0.9	0.176	3.33	25.0	11.9	0.55	4260	2.34	0.03	6.9	3.3	620
N813361		3.23	17.60	0.15	1.1	0.070	2.46	16.2	93.3	0.66	1340	0.87	0.05	8.1	2.4	650
N813362		3.75	19.45	0.16	1.2	0.108	3.03	12.6	48.3	0.19	2000	2.53	0.07	8.4	2.7	680
N813363		3.31	19.40	0.14	1.3	0.103	2.82	10.6	35.6	0.32	1020	1.62	0.25	8.7	2.4	650
N813364		3.35	18.35	0.17	1.3	0.061	2.63	14.5	21.3	0.37	880	1.27	1.44	8.1	2.5	630
N813365		3.30	17.90	0.17	1.4	0.038	2.83	20.0	16.4	0.57	900	1.40	1.78	7.8	2.6	620
N813366		3.31	18.45	0.18	1.4	0.046	2.67	21.4	15.0	0.72	826	1.14	2.03	8.4	2.8	640
N813367		5.19	16.20	0.16	1.3	1.005	2.83	24.0	25.5	0.71	2070	12.45	0.27	7.6	16.7	510
N813368		3.54	18.70	0.16	1.4	0.048	2.62	23.5	28.8	0.28	1220	2.35	0.39	8.6	3.2	700
N813369		3.37	18.85	0.19	1.3	0.119	2.97	30.2	15.9	0.63	1490	1.38	1.60	8.4	2.8	690
N813370		3.49	15.45	0.18	1.0	0.083	2.42	27.9	17.8	0.78	2000	0.95	0.66	7.1	2.5	600
N813371		0.46	0.25	0.14	<0.1	<0.005	0.02	0.5	0.9	12.80	226	0.11	0.01	0.2	2.8	190

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199386

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813335		39.4	170.0	<0.002	<0.01	6.14	16.1	1	2.1	145.5	0.85	<0.05	17.7	0.326	2.29	4.4
N813336		34.9	157.0	<0.002	<0.01	6.57	15.8	1	1.8	139.5	0.77	<0.05	17.7	0.300	2.30	3.2
N813337		41.7	162.5	<0.002	0.02	7.28	15.9	1	1.8	159.0	0.84	<0.05	16.4	0.299	2.57	3.1
N813338		39.3	166.0	<0.002	0.02	7.09	15.1	1	1.7	148.5	0.79	<0.05	16.1	0.286	2.50	3.0
N813339		41.7	181.5	<0.002	<0.01	13.25	15.8	1	1.8	113.5	0.87	<0.05	14.9	0.310	3.23	3.0
N813340		23.5	175.5	<0.002	0.02	15.05	12.4	1	1.6	69.4	0.82	<0.05	8.8	0.281	3.88	2.3
N813341		24.5	165.0	<0.002	0.01	17.35	10.1	1	2.0	71.1	0.70	<0.05	6.7	0.255	3.41	2.6
N813342		99.1	231	<0.002	<0.01	16.65	15.6	1	1.8	61.6	0.77	<0.05	15.2	0.289	3.82	4.2
N813343		229	267	<0.002	0.01	15.05	15.7	1	2.2	79.6	0.79	<0.05	15.9	0.294	4.63	5.7
N813344		371	183.0	<0.002	0.16	17.70	9.9	1	4.7	154.5	1.11	0.08	11.7	0.211	2.62	10.1
N813345		32.0	156.0	<0.002	<0.01	3.07	3.8	1	2.2	97.4	1.68	<0.05	10.3	0.151	1.46	2.3
N813347		38.5	161.5	<0.002	<0.01	3.53	4.2	1	3.4	62.5	1.74	<0.05	10.5	0.164	1.42	2.4
N813348		39.4	162.5	<0.002	0.02	3.51	4.3	1	2.7	61.5	1.68	<0.05	10.7	0.160	1.49	2.7
N813349		33.3	156.0	<0.002	<0.01	3.31	3.9	1	2.7	58.5	1.57	<0.05	10.2	0.147	1.38	2.4
N813350		37.5	150.5	<0.002	<0.01	2.89	4.0	1	2.3	58.2	1.77	<0.05	10.2	0.154	1.44	2.5
N813351		37.3	135.0	<0.002	0.01	3.38	4.0	1	2.2	85.7	1.90	<0.05	10.9	0.160	1.44	3.8
N813352		442	156.5	<0.002	0.21	13.70	12.9	2	5.1	303	0.91	0.12	12.9	0.326	2.08	8.7
N813353		12.9	87.5	<0.002	0.04	8.68	7.9	1	1.9	181.5	0.64	<0.05	6.1	0.320	1.51	3.6
N813354		1440	154.0	<0.002	3.17	35.7	10.1	1	6.3	151.5	0.62	0.27	12.1	0.225	2.53	5.2
N813355		15.5	88.6	<0.002	0.02	8.40	7.1	1	2.4	152.5	0.64	<0.05	5.9	0.309	1.52	2.8
N813356		19.3	89.8	<0.002	0.11	10.05	10.5	1	2.7	229	0.60	<0.05	6.8	0.344	1.69	4.6
N813357		1100	181.0	<0.002	2.99	25.5	12.5	1	3.8	150.0	0.54	0.07	11.9	0.270	3.36	3.8
N813358		2.4	1.4	<0.002	<0.01	0.15	0.2	1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813359		586	282	<0.002	1.69	17.25	12.3	1	3.9	69.6	0.64	0.29	13.3	0.268	4.18	4.7
N813360		234	185.0	<0.002	2.68	13.90	12.7	3	5.3	79.1	0.59	1.45	13.2	0.256	2.98	3.5
N813361		36.4	76.8	<0.002	0.33	8.37	13.0	1	2.0	155.5	0.65	<0.05	10.0	0.300	1.65	2.8
N813362		42.7	132.0	<0.002	0.06	12.35	13.1	1	4.1	73.8	0.71	<0.05	8.4	0.302	1.97	2.6
N813363		272	106.0	<0.002	0.07	12.15	12.9	1	2.2	85.1	0.78	<0.05	8.3	0.313	1.56	2.2
N813364		19.0	104.5	<0.002	0.05	6.33	13.0	1	1.6	253	0.74	<0.05	10.6	0.289	1.28	2.1
N813365		31.9	111.5	<0.002	0.01	3.10	13.5	1	1.6	323	0.67	<0.05	12.2	0.276	1.14	1.5
N813366		20.8	108.5	<0.002	0.01	2.13	14.3	1	1.8	340	0.78	<0.05	12.5	0.308	1.05	1.7
N813367		1355	162.0	<0.002	3.11	35.2	9.9	1	6.3	153.5	0.64	0.26	13.0	0.212	2.50	5.4
N813368		23.2	110.5	<0.002	0.01	12.70	14.3	1	1.8	94.8	0.75	<0.05	13.3	0.299	1.30	2.2
N813369		202	136.5	<0.002	0.22	4.95	14.3	1	2.2	273	0.73	<0.05	15.9	0.300	1.60	2.8
N813370		20.9	77.7	<0.002	0.11	3.43	11.2	1	1.6	313	0.56	<0.05	9.4	0.260	1.26	2.7
N813371		1.9	1.1	<0.002	<0.01	0.05	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199386

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813335		91	4.6	18.3	137	47.1	<1
N813336		86	5.9	20.1	86	39.8	<1
N813337		89	5.0	20.0	156	35.1	<1
N813338		87	5.0	20.8	156	34.3	<1
N813339		92	5.5	16.5	128	33.1	<1
N813340		85	6.2	12.1	110	30.4	<1
N813341		78	5.2	10.1	99	29.5	<1
N813342		85	8.4	17.9	291	39.3	<1
N813343		90	10.0	18.6	835	36.4	3
N813344		62	5.6	16.7	478	59.1	4
N813345		17	1.8	18.3	100	65.4	<1
N813347		19	2.3	16.2	138	69.0	<1
N813348		19	2.4	17.1	145	69.0	<1
N813349		17	2.2	15.1	132	67.6	<1
N813350		18	2.0	15.0	139	67.4	<1
N813351		18	2.0	17.4	147	69.7	<1
N813352		87	4.1	16.2	1140	90.8	3
N813353		76	1.6	9.6	79	93.1	<1
N813354		62	5.4	11.1	3190	41.7	9
N813355		72	2.3	9.1	76	87.4	<1
N813356		82	2.4	12.7	131	115.5	<1
N813357		77	5.6	11.0	2910	32.2	6
N813358		3	0.1	0.9	19	0.6	<1
N813359		77	7.5	12.9	1550	30.4	3
N813360		76	6.4	13.5	918	25.5	5
N813361		81	4.4	13.7	153	28.6	1
N813362		86	3.9	11.7	335	30.3	1
N813363		88	3.1	13.7	812	31.4	1
N813364		80	2.1	15.6	76	32.6	1
N813365		79	3.5	17.9	76	34.2	<1
N813366		86	2.2	18.6	83	34.9	1
N813367		59	5.4	12.0	3090	43.0	10
N813368		90	3.9	18.0	277	35.1	<1
N813369		85	2.3	15.9	446	32.6	1
N813370		73	2.3	20.1	95	27.1	1
N813371		2	0.1	0.8	15	<0.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 112

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199386

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199387

Project: Klaza - 112

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

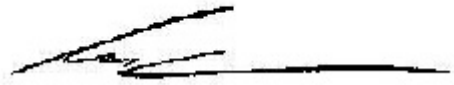
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199387

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813372		3.41	<0.005	0.09	7.50	5.1	2410	1.35	0.12	3.14	0.11	46.5	7.6	9	7.19	3.3
N813373		8.50	<0.005	0.07	7.14	3.5	2400	1.59	0.09	2.92	0.10	42.7	9.0	12	7.75	3.9
N813374		<0.02	<0.005	0.06	7.04	3.7	2310	1.65	0.08	2.77	0.10	45.9	8.9	10	7.89	3.5
N813375		9.06	<0.005	0.07	7.53	2.6	2330	1.65	0.07	2.85	0.10	48.3	8.6	11	7.13	4.6
N813376		8.19	<0.005	0.05	6.94	4.1	2390	1.50	0.10	3.45	0.11	41.3	7.9	12	6.38	3.8
N813377		7.68	<0.005	0.09	7.10	8.7	2240	1.65	0.23	2.92	0.10	43.9	8.4	11	6.77	12.6
N813378		0.26	0.791	9.62	6.77	1540	540	1.50	6.15	1.99	43.7	48.7	16.9	22	17.75	116.5
N813379		7.21	<0.005	0.08	7.14	5.5	2170	1.77	0.10	2.84	0.10	46.9	8.1	13	4.90	6.0
N813380		7.49	<0.005	0.06	7.09	5.8	2200	1.75	0.10	2.91	0.10	45.0	8.3	12	5.77	6.4
N813381		6.61	<0.005	0.17	7.33	7.0	2270	1.74	0.19	2.87	0.16	46.1	8.3	11	5.91	34.8
N813382		2.75	<0.005	0.13	7.11	4.6	2240	1.73	0.18	2.80	0.09	44.7	8.3	11	5.34	33.7
N813383		2.99	0.009	0.78	7.23	26.8	2250	1.40	1.17	2.76	0.14	49.6	13.9	10	7.14	167.0
N813384		2.70	<0.005	0.01	0.07	<5	20	0.06	0.02	21.2	0.07	1.29	1.1	<1	0.20	1.3
N813385		3.41	<0.005	0.23	7.42	9.8	2760	1.48	0.33	2.91	0.07	44.0	6.5	10	6.83	73.6
N813386		3.58	<0.005	0.29	7.16	4.9	2550	1.42	0.35	3.00	0.07	44.5	4.5	10	5.88	84.1
N813387		7.54	<0.005	0.18	7.49	7.3	2360	1.68	0.78	2.79	0.09	45.7	7.1	11	9.58	16.6
N813388		8.63	<0.005	0.11	7.22	6.1	2210	1.71	0.51	2.83	0.11	44.5	8.6	11	7.68	6.6
N813389		6.41	<0.005	0.06	7.39	3.6	2340	1.65	0.05	2.92	0.09	44.8	8.2	12	6.70	4.6
N813390		0.26	4.25	>100	5.42	6700	230	1.18	58.1	2.06	238	35.8	8.8	20	12.25	1340
N813391		3.20	<0.005	0.15	8.07	11.1	2080	1.67	0.15	1.98	0.21	51.6	10.8	9	13.75	7.1
N813392		2.66	<0.005	0.06	7.09	3.1	2060	1.60	0.05	2.89	0.09	42.9	8.2	11	11.80	12.8
N813393		2.27	<0.005	0.05	7.52	2.9	2320	1.69	0.05	2.94	0.08	47.9	8.6	10	7.24	5.1
N813394		2.47	0.007	0.94	7.09	47.6	1860	1.63	0.14	2.50	1.33	50.5	7.6	12	12.40	8.4
N813395		2.67	<0.005	0.15	7.19	12.9	1940	1.70	0.15	2.30	0.18	44.0	11.1	8	10.80	9.6
N813396		3.58	0.857	23.7	5.29	3330	920	1.03	1.78	3.35	42.4	37.5	17.8	6	6.56	84.8
N813397		2.71	<0.005	0.07	0.06	<5	20	0.05	0.02	21.2	0.13	1.17	1.1	<1	0.15	2.2
N813398		4.22	0.016	0.95	7.50	155.5	1850	1.56	0.62	2.45	1.37	50.0	12.8	9	11.95	44.8
N813399		1.87	<0.005	0.10	7.22	3.9	2250	1.61	0.24	2.78	0.09	46.8	6.2	9	5.00	13.6
N813400		8.45	<0.005	0.09	7.36	4.2	2280	1.81	0.12	2.90	0.11	47.9	8.6	14	4.04	12.7
M354001		7.31	<0.005	0.07	7.36	3.4	2250	1.76	0.06	2.83	0.10	49.4	7.9	11	6.14	4.8
M354002		3.29	<0.005	0.15	6.93	17.7	1390	1.75	0.09	2.74	0.18	48.2	9.6	8	22.6	24.1
M354003		6.09	<0.005	0.07	7.68	7.3	2240	1.67	0.08	2.99	0.12	47.2	8.8	13	6.52	9.7
M354004		6.94	<0.005	0.07	7.65	6.7	2200	1.77	0.08	2.96	0.12	49.3	8.8	12	6.74	9.6
M354005		2.39	<0.005	0.08	6.82	7.0	1890	1.46	0.32	2.50	0.12	32.8	8.3	9	9.67	4.8
M354006		2.22	<0.005	0.06	7.53	5.3	2320	1.67	0.09	2.78	0.10	42.7	8.2	10	7.05	5.5
M354007		2.42	0.009	0.48	7.10	8.0	2240	1.56	0.51	2.94	0.22	38.2	8.6	12	6.73	329

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199387

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813372		3.12	17.05	0.17	1.2	0.044	2.55	24.0	15.3	0.90	946	1.04	2.02	8.1	2.6	650
N813373		3.22	17.60	0.15	1.3	0.040	2.49	20.1	15.9	0.95	755	0.94	2.21	8.8	3.5	650
N813374		3.03	17.45	0.15	1.2	0.041	2.39	22.4	15.8	0.92	707	0.81	2.15	8.4	2.9	620
N813375		3.10	17.85	0.15	1.2	0.039	2.48	24.3	17.4	1.02	726	0.98	2.24	8.3	3.0	640
N813376		3.13	17.60	0.16	1.0	0.048	2.39	19.3	15.6	0.94	798	1.58	2.35	8.2	2.9	670
N813377		3.14	18.05	0.16	1.1	0.056	2.25	21.5	15.3	0.94	677	3.41	2.43	8.3	3.4	670
N813378		5.29	16.35	0.17	1.3	0.993	2.90	25.5	26.8	0.73	2100	12.75	0.27	7.5	16.3	530
N813379		3.09	18.20	0.15	1.4	0.044	2.52	22.5	14.7	0.87	667	2.02	2.42	8.9	2.9	640
N813380		3.14	18.20	0.16	1.2	0.051	2.46	21.8	15.2	0.94	696	1.45	2.43	8.6	3.1	660
N813381		3.16	18.55	0.17	1.2	0.061	2.53	22.0	15.8	0.93	659	1.91	2.39	8.6	2.8	650
N813382		3.07	17.80	0.17	1.2	0.056	2.43	21.5	14.6	0.90	643	1.99	2.33	8.1	3.8	640
N813383		4.36	17.65	0.18	1.0	0.167	2.59	25.0	15.1	0.93	1100	1.81	1.18	7.7	3.2	640
N813384		0.47	0.30	0.13	<0.1	0.006	0.03	0.6	1.0	12.75	218	0.11	0.01	0.3	2.5	310
N813385		3.40	17.70	0.16	1.1	0.114	2.72	21.3	13.1	0.81	776	1.45	1.94	8.1	2.2	640
N813386		3.19	17.10	0.16	1.2	0.143	2.73	21.6	11.1	0.74	759	0.97	1.81	7.7	2.2	640
N813387		3.20	17.50	0.16	1.2	0.064	2.38	22.8	14.2	0.84	583	1.29	2.27	8.2	2.8	670
N813388		3.07	18.05	0.16	1.1	0.055	2.41	21.8	14.4	0.88	646	1.68	2.18	7.9	2.8	630
N813389		3.20	18.05	0.14	1.3	0.047	2.58	21.8	15.5	0.94	701	1.14	2.41	8.1	3.0	660
N813390		8.03	13.25	0.20	1.1	5.12	2.34	18.5	34.6	0.65	3250	14.85	0.09	5.5	13.9	470
N813391		3.13	18.90	0.15	1.2	0.047	2.61	25.9	47.8	0.66	746	0.95	0.75	8.3	2.7	710
N813392		3.03	17.15	0.17	1.2	0.037	2.42	21.0	16.7	0.78	760	1.13	1.90	7.5	3.3	610
N813393		3.13	18.30	0.17	1.2	0.042	2.60	23.6	15.8	0.93	707	1.11	2.33	8.1	2.8	650
N813394		3.52	16.95	0.18	1.2	0.233	2.85	26.2	14.8	0.81	2780	1.09	1.34	7.4	4.3	580
N813395		3.01	18.35	0.17	1.2	0.052	2.74	20.8	27.9	0.72	1080	0.58	1.06	8.2	2.6	630
N813396		6.31	12.25	0.19	0.7	0.478	2.41	19.8	9.4	1.24	5010	2.60	0.03	5.2	2.1	410
N813397		0.46	0.25	0.13	<0.1	<0.005	0.03	0.6	1.1	12.70	217	0.11	0.01	0.3	2.0	350
N813398		3.77	16.70	0.18	1.1	0.109	2.54	25.7	32.6	0.82	1290	0.96	1.35	7.8	2.6	650
N813399		3.06	17.00	0.17	1.2	0.050	2.52	23.0	15.1	0.93	578	1.41	2.25	7.7	2.4	630
N813400		3.12	18.25	0.16	1.2	0.051	2.46	23.5	15.1	0.93	675	1.31	2.37	8.3	3.1	650
M354001		3.04	17.80	0.17	1.2	0.046	2.47	24.6	16.3	0.91	643	0.92	2.33	8.0	2.7	630
M354002		3.04	17.45	0.18	1.2	0.060	2.59	23.8	54.7	0.81	1640	0.65	0.38	7.9	2.8	610
M354003		3.70	19.20	0.19	1.1	0.067	2.52	24.5	12.7	1.10	799	0.98	2.45	9.7	3.4	730
M354004		3.72	19.05	0.21	1.1	0.067	2.48	25.9	13.2	1.10	806	0.96	2.41	9.6	3.4	740
M354005		2.96	17.55	0.19	1.0	0.045	2.37	16.6	29.8	0.41	569	0.82	0.57	8.0	2.2	600
M354006		3.37	18.35	0.19	1.1	0.052	2.50	22.3	13.4	0.98	652	0.75	2.43	8.8	2.8	710
M354007		3.29	17.40	0.19	1.0	0.073	2.39	20.0	11.0	0.82	628	0.79	2.18	8.1	2.5	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199387

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N813372		13.9	101.5	<0.002	0.03	2.77	13.0	1	1.6	391	0.65	<0.05	11.7	0.292	1.04	2.4
N813373		14.6	82.7	<0.002	0.06	4.82	12.5	1	1.6	391	0.80	<0.05	11.4	0.294	0.91	2.9
N813374		14.3	85.6	<0.002	0.05	4.12	13.1	1	1.5	379	0.77	<0.05	12.3	0.281	0.85	3.1
N813375		14.7	95.1	<0.002	0.01	0.75	14.1	1	1.5	402	0.73	<0.05	13.2	0.290	0.84	2.9
N813376		15.0	71.3	<0.002	0.01	2.67	12.5	1	1.7	427	0.70	<0.05	9.8	0.295	0.90	2.2
N813377		14.3	78.1	<0.002	0.02	1.56	13.1	1	2.4	414	0.73	<0.05	10.7	0.291	0.97	3.1
N813378		1395	163.0	<0.002	3.17	36.2	10.3	2	6.4	155.5	0.64	0.28	13.4	0.215	2.50	5.7
N813379		16.7	84.3	<0.002	0.02	1.04	12.7	1	1.9	402	0.88	<0.05	13.6	0.281	0.93	4.3
N813380		14.9	80.1	<0.002	0.03	1.13	13.1	1	2.0	406	0.77	<0.05	12.1	0.289	0.92	3.9
N813381		16.8	88.9	<0.002	0.04	1.19	13.4	1	2.2	413	0.77	<0.05	12.5	0.289	1.02	3.4
N813382		15.2	82.6	<0.002	0.04	1.02	12.9	1	2.2	410	0.75	<0.05	12.0	0.278	0.97	3.3
N813383		21.9	105.5	<0.002	0.45	2.44	14.2	1	2.4	258	0.68	0.07	14.2	0.279	1.47	4.3
N813384		1.3	1.9	<0.002	<0.01	<0.05	0.3	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813385		13.8	93.2	<0.002	0.07	1.87	12.8	1	2.1	349	0.69	<0.05	12.3	0.285	1.26	3.4
N813386		11.6	99.7	<0.002	0.04	2.08	12.1	1	2.4	311	0.69	<0.05	13.0	0.270	1.39	3.7
N813387		15.1	90.6	<0.002	0.04	3.31	13.0	1	2.3	383	0.74	0.07	13.7	0.290	1.22	3.7
N813388		15.8	91.2	<0.002	0.05	1.71	13.7	1	2.9	384	0.68	0.05	12.8	0.283	1.13	4.0
N813389		15.3	81.1	<0.002	0.01	0.97	13.3	1	1.8	425	0.71	<0.05	12.5	0.292	0.97	3.3
N813390		9900	128.0	0.002	7.27	231	8.0	2	9.3	124.5	0.46	0.48	9.7	0.191	2.13	5.7
N813391		18.4	100.0	<0.002	0.09	7.26	14.3	1	2.1	186.5	0.72	<0.05	14.2	0.305	1.63	3.8
N813392		14.7	85.1	<0.002	0.02	1.97	12.9	1	2.6	366	0.65	<0.05	12.1	0.261	0.95	2.8
N813393		15.1	92.4	<0.002	0.02	0.80	13.9	1	1.6	412	0.68	<0.05	13.2	0.289	0.96	3.0
N813394		208	131.0	<0.002	0.46	4.36	13.1	1	2.0	277	0.66	<0.05	14.7	0.254	1.73	4.4
N813395		17.9	94.0	<0.002	0.11	5.65	13.1	1	1.9	243	0.74	<0.05	12.6	0.280	1.44	3.1
N813396		1630	144.5	<0.002	4.97	48.4	8.7	1	3.8	59.5	0.46	0.15	10.3	0.178	2.27	6.1
N813397		4.5	1.4	<0.002	<0.01	0.11	0.4	1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813398		118.0	121.5	<0.002	0.78	12.15	13.7	1	3.2	285	0.69	<0.05	14.2	0.276	1.63	5.1
N813399		14.1	92.8	<0.002	0.01	2.04	13.0	1	3.3	428	0.67	<0.05	13.0	0.274	1.15	4.1
N813400		17.1	85.3	<0.002	0.01	1.06	14.0	1	2.1	418	0.74	<0.05	13.1	0.288	0.95	3.7
M354001		15.4	91.9	<0.002	0.01	0.90	14.2	1	1.6	407	0.72	<0.05	13.4	0.279	0.92	3.8
M354002		16.1	111.0	<0.002	0.24	12.40	14.3	1	1.6	146.0	0.69	<0.05	12.4	0.274	1.91	3.4
M354003		16.1	96.6	<0.002	0.01	1.63	15.2	2	1.9	442	0.80	<0.05	11.6	0.325	1.13	3.4
M354004		15.7	101.5	<0.002	0.02	1.68	15.6	2	2.0	433	0.77	<0.05	12.3	0.320	1.11	3.9
M354005		16.7	66.3	<0.002	0.10	8.38	11.1	1	1.5	168.0	0.73	<0.05	9.4	0.278	1.11	2.1
M354006		16.2	90.5	<0.002	0.01	1.44	13.4	2	1.7	429	0.75	<0.05	11.7	0.298	1.11	4.0
M354007		19.9	80.8	<0.002	0.12	1.88	12.3	1	1.6	394	0.68	0.05	10.2	0.278	1.17	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199387

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813372		81	1.1	16.5	48	31.5	1	
N813373		83	1.0	17.4	53	33.5	1	
N813374		80	1.0	17.2	51	31.4	1	
N813375		82	0.9	18.1	51	30.2	1	
N813376		83	1.2	16.3	50	27.7	1	
N813377		80	1.6	16.1	47	28.2	<1	
N813378		60	5.5	11.6	3140	41.9	10	
N813379		79	1.2	17.3	49	34.9	1	
N813380		82	0.9	17.0	51	31.3	<1	
N813381		82	0.9	17.1	54	31.2	1	
N813382		77	0.9	16.4	48	30.1	1	
N813383		84	2.4	15.2	64	26.2	1	
N813384		2	0.1	0.9	15	<0.5	<1	
N813385		82	1.6	15.8	55	28.7	1	
N813386		78	1.7	15.0	49	31.7	1	
N813387		79	1.5	15.5	52	31.2	1	
N813388		80	1.4	16.3	53	29.6	1	
N813389		82	0.8	16.4	50	34.0	<1	
N813390		56	4.7	9.1	>10000	33.5	118	1.610
N813391		84	10.5	17.0	63	30.9	<1	
N813392		74	1.1	15.9	51	31.4	1	
N813393		80	0.8	17.0	53	33.5	<1	
N813394		72	2.3	15.1	155	31.6	1	
N813395		78	4.5	14.9	58	32.1	<1	
N813396		52	5.7	8.0	4300	17.3	24	
N813397		2	0.1	0.8	19	<0.5	<1	
N813398		80	2.2	16.1	165	29.8	1	
N813399		78	1.0	16.5	43	31.6	<1	
N813400		80	0.8	17.3	51	31.3	<1	
M354001		80	1.2	17.5	50	31.7	<1	
M354002		80	5.3	15.5	69	29.9	<1	
M354003		99	1.1	20.9	58	28.4	<1	
M354004		98	1.1	21.5	57	30.3	<1	
M354005		78	2.6	13.7	50	25.8	<1	
M354006		85	0.8	18.4	54	28.9	<1	
M354007		78	0.9	15.8	54	25.5	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 112

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199387

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199388

Project: Klaza - 112

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

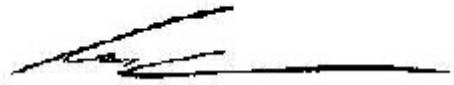
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199388

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354008		2.92	<0.005	0.23	7.29	5.1	2230	1.58	0.16	2.79	0.12	38.4	6.8	15	6.56	86.2
M354009		0.22	4.50	>100	5.35	6590	150	1.19	56.2	1.95	227	28.3	10.6	17	11.35	1270
M354010		3.10	<0.005	0.53	7.03	8.3	3130	1.69	1.24	3.31	0.20	38.1	7.0	11	6.83	6.9
M354011		2.26	0.009	1.08	6.75	12.3	3230	1.31	2.10	4.37	0.36	54.9	3.8	10	7.65	9.1
M354012		3.21	0.060	7.08	7.60	53.6	3830	1.43	13.05	6.80	2.4	49.1	45.3	6	9.65	17.7
M354013		1.71	<0.005	0.01	0.08	<5	30	0.07	0.04	20.6	0.06	1.23	1.5	<1	0.19	3.0
M354014		2.19	0.015	2.79	7.69	12.6	3650	1.50	4.31	4.39	0.28	41.0	9.0	10	7.79	5.6
M354015		5.79	<0.005	0.13	7.33	4.9	2360	1.55	0.23	2.84	0.09	39.9	7.6	15	5.97	23.6
M354016		0.23	2.34	24.3	5.93	2890	1200	1.39	18.75	2.22	77.5	39.0	11.8	18	14.65	431
M354017		3.04	<0.005	0.24	7.60	10.0	2390	1.58	0.26	3.02	0.20	40.6	8.6	14	7.57	47.0
M354018		2.44	<0.005	0.11	7.56	12.3	2210	1.55	0.23	2.37	0.14	35.3	10.1	14	7.85	12.8
M354019		2.34	<0.005	1.05	5.89	9.1	840	1.38	0.24	2.43	0.19	39.8	5.4	10	16.85	10.8
M354020		2.03	<0.005	0.03	0.19	<5	40	0.10	0.05	20.6	0.09	1.28	1.8	2	0.52	2.6
M354021		2.93	<0.005	0.15	7.89	6.4	1300	1.41	0.18	1.53	0.10	48.5	6.4	12	12.85	10.2
M354022		8.13	<0.005	0.05	7.44	3.7	2210	1.71	0.08	2.60	0.08	42.6	8.8	15	7.79	7.3
M354023		3.90	<0.005	0.09	7.37	10.1	1910	1.45	0.13	2.06	0.12	38.8	9.2	9	13.65	9.0
M354024		3.75	<0.005	0.11	8.44	9.3	1960	1.46	0.14	1.46	0.13	51.6	7.7	13	16.55	10.4
M354025		3.43	<0.005	0.04	7.87	3.9	2210	1.72	0.08	2.72	0.08	43.0	9.2	11	12.70	5.2
M354026		5.46	<0.005	0.04	7.62	7.6	1830	1.50	0.12	2.44	0.11	38.5	8.6	12	20.9	5.4
M354027		3.47	<0.005	0.05	5.75	7.1	1890	1.49	0.08	3.07	0.13	33.5	7.2	10	16.00	5.1
M354028		4.65	<0.005	0.10	7.21	7.1	1960	1.47	0.15	2.65	0.10	34.4	7.7	18	15.35	4.6
M354029		2.41	<0.005	0.14	7.12	7.1	1430	1.55	0.18	3.35	0.17	41.6	11.4	11	20.8	4.3
M354030		2.65	<0.005	0.10	6.64	15.5	1970	1.53	0.27	1.88	0.15	39.9	7.2	18	15.30	5.4
M354031		2.61	<0.005	0.08	7.93	10.9	930	1.78	0.53	1.80	0.10	43.1	10.2	13	14.20	12.0
M354032		5.90	<0.005	0.11	6.86	8.4	810	1.72	1.80	3.58	0.06	36.5	12.6	17	12.45	1.7
M354033		6.38	<0.005	0.06	7.57	5.8	2050	1.90	0.39	2.96	0.07	42.7	9.3	14	9.17	3.1
M354034		5.12	<0.005	0.05	7.53	3.6	2120	1.98	0.13	2.94	0.07	48.9	7.8	22	8.65	6.5
M354035		3.76	<0.005	0.06	7.44	4.7	1980	1.82	0.22	3.23	0.09	42.3	5.1	13	7.12	5.1
M354036		2.80	<0.005	0.14	6.16	10.3	2100	1.87	0.70	4.32	0.10	30.8	7.0	20	8.68	6.2
M354037		2.80	<0.005	0.17	6.86	10.2	1970	1.47	0.37	3.40	0.14	34.5	7.3	15	8.56	19.9
M354038		4.39	<0.005	0.08	7.23	4.1	2270	1.63	0.11	2.88	0.09	41.6	8.8	17	5.67	12.0
M354039		2.37	<0.005	0.12	7.40	3.4	2230	1.59	0.12	2.93	0.09	54.2	8.1	14	5.50	33.8
M354040		7.76	<0.005	0.05	7.44	3.3	2200	1.61	0.08	2.94	0.08	52.8	8.6	15	5.08	6.6
M354041		<0.02	<0.005	0.04	7.67	4.6	2260	1.55	0.09	2.96	0.13	58.1	8.5	16	5.00	6.1
M354042		7.65	<0.005	0.04	7.38	6.2	2250	1.55	0.25	2.70	0.07	52.4	7.5	11	4.88	5.1
M354043		7.39	<0.005	0.08	7.14	6.5	2190	1.52	0.18	2.83	0.08	46.2	7.7	18	6.72	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354008		3.16	17.75	0.16	1.0	0.051	2.29	20.1	9.3	0.83	584	1.39	2.31	8.1	2.6	620
M354009		8.08	14.85	0.21	1.0	4.83	2.27	15.3	30.9	0.62	3100	15.95	0.09	5.8	15.1	450
M354010		2.89	16.15	0.16	0.9	0.182	2.79	21.2	32.0	0.92	927	0.77	0.37	7.7	2.2	600
M354011		4.40	18.00	0.22	0.7	0.307	2.97	29.3	89.2	1.32	1720	36.8	0.09	7.9	3.0	660
M354012		5.84	23.6	0.22	0.8	0.380	3.91	25.9	34.4	1.72	2610	401	0.10	9.6	2.7	810
M354013		0.50	0.40	0.09	<0.1	0.007	0.03	0.6	1.0	12.80	224	0.83	0.01	0.3	<0.2	170
M354014		4.61	20.6	0.17	0.9	0.291	3.05	21.9	52.5	1.26	1690	88.8	0.71	8.2	2.4	660
M354015		3.28	18.65	0.18	1.1	0.060	2.32	21.0	11.5	0.88	703	1.78	2.29	8.4	2.5	620
M354016		6.79	15.40	0.18	0.8	1.770	2.61	22.7	23.9	0.92	1880	14.10	0.04	6.2	16.3	450
M354017		3.24	17.85	0.17	1.0	0.089	2.37	22.2	12.5	0.76	638	2.26	1.97	8.1	2.6	620
M354018		3.09	19.00	0.17	1.1	0.069	2.65	18.2	25.4	0.38	542	1.20	0.88	8.9	2.4	670
M354019		2.87	13.65	0.16	0.7	0.102	1.64	22.7	50.5	0.78	829	1.00	0.06	6.5	2.2	460
M354020		0.51	0.72	0.10	<0.1	0.007	0.08	0.6	1.8	13.05	223	0.29	0.01	0.4	1.5	190
M354021		2.92	19.05	0.19	1.3	0.084	2.30	26.1	34.8	0.45	660	1.55	0.08	8.5	2.1	640
M354022		3.14	18.60	0.20	1.3	0.046	2.57	22.3	17.4	0.85	629	1.72	1.99	8.6	2.7	630
M354023		3.08	17.95	0.18	1.2	0.050	2.33	19.9	34.6	0.49	782	1.55	0.14	8.6	2.2	640
M354024		3.08	19.05	0.19	1.2	0.055	2.47	27.8	42.4	0.48	676	1.68	0.11	8.9	2.5	690
M354025		3.36	17.95	0.19	1.1	0.047	2.60	23.1	15.9	0.82	641	1.59	2.03	8.4	2.5	660
M354026		3.12	17.85	0.19	1.2	0.053	2.48	19.5	32.4	0.57	688	1.77	0.53	9.0	2.3	670
M354027		2.59	14.80	0.16	1.0	0.042	1.99	17.2	34.0	0.62	965	1.43	0.15	7.3	1.8	530
M354028		3.08	18.50	0.15	1.2	0.065	2.41	16.9	33.6	0.44	618	2.51	0.48	9.2	2.4	730
M354029		4.15	17.65	0.18	1.1	0.047	2.19	21.3	24.4	0.92	1230	0.88	0.23	8.3	3.1	650
M354030		3.11	14.75	0.16	0.9	0.047	1.44	22.5	49.5	0.61	830	1.28	0.05	7.0	2.7	540
M354031		3.59	17.25	0.16	1.0	0.109	1.28	23.4	34.0	0.57	682	1.35	0.89	8.9	2.4	710
M354032		3.62	17.55	0.18	0.8	0.370	1.33	19.3	15.8	0.83	743	1.28	2.30	7.4	2.6	570
M354033		3.24	17.40	0.18	1.3	0.070	1.70	23.1	12.9	0.87	628	0.93	2.56	8.6	2.3	640
M354034		3.08	16.95	0.19	1.2	0.046	2.41	26.5	14.4	0.78	562	1.71	2.27	8.7	2.6	630
M354035		3.14	17.15	0.18	1.3	0.079	2.29	22.7	14.5	0.74	662	1.09	1.94	8.7	2.2	640
M354036		2.69	17.25	0.17	0.8	0.223	2.34	15.5	26.6	0.49	1220	2.39	1.10	6.8	2.0	490
M354037		3.40	17.20	0.18	0.9	0.085	2.14	17.7	13.4	0.72	962	1.00	1.80	7.9	2.1	620
M354038		3.17	17.20	0.18	1.0	0.048	2.33	21.7	11.1	0.91	667	1.25	2.32	8.1	2.7	660
M354039		3.18	17.95	0.13	1.2	0.046	2.37	25.9	10.0	0.92	680	1.16	2.29	8.4	7.3	640
M354040		3.27	17.75	0.16	1.2	0.051	2.20	25.5	13.1	1.03	691	0.97	2.35	8.3	3.9	660
M354041		3.36	17.70	0.14	1.2	0.049	2.27	28.7	13.1	1.05	704	1.06	2.37	8.2	3.9	670
M354042		3.20	17.50	0.13	1.1	0.046	2.19	25.1	12.9	0.97	600	0.77	2.40	8.0	3.1	650
M354043		3.12	17.15	0.15	1.1	0.052	2.31	21.1	13.9	0.86	612	1.14	2.18	8.1	3.3	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354008		16.2	82.1	<0.002	0.03	1.55	12.5	2	1.6	418	0.71	<0.05	11.3	0.277	1.12	3.2
M354009		9470	132.5	0.002	7.11	217	8.4	3	8.4	118.5	0.49	0.50	8.4	0.183	2.22	5.4
M354010		16.4	128.0	<0.002	0.15	2.21	12.2	2	1.8	124.0	0.68	0.15	12.5	0.259	1.99	3.7
M354011		17.0	138.0	0.005	0.26	2.83	14.7	2	2.5	98.0	0.66	0.40	12.9	0.263	2.17	8.0
M354012		53.2	128.0	0.076	1.22	4.12	13.6	3	2.8	123.5	0.80	3.50	10.6	0.290	3.24	8.7
M354013		1.4	2.0	<0.002	0.01	<0.05	0.4	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M354014		22.1	113.5	0.013	0.23	2.64	12.5	1	2.3	156.5	0.73	1.23	10.8	0.265	2.24	4.2
M354015		14.6	82.3	<0.002	0.03	1.62	12.8	2	1.6	411	0.71	<0.05	10.8	0.278	1.11	3.4
M354016		2770	168.5	<0.002	4.86	88.2	9.4	2	7.9	91.5	0.51	0.39	10.3	0.181	2.33	5.1
M354017		18.8	99.3	<0.002	0.08	2.49	13.1	2	1.6	378	0.67	<0.05	10.6	0.273	1.14	3.4
M354018		19.2	91.6	<0.002	0.07	12.35	13.4	1	1.6	201	0.81	<0.05	10.7	0.288	1.19	3.0
M354019		12.6	87.1	<0.002	0.04	33.9	10.7	1	1.3	94.6	0.60	<0.05	10.9	0.209	1.01	2.6
M354020		3.1	4.1	<0.002	<0.01	0.23	0.6	1	<0.2	40.4	<0.05	<0.05	<0.2	0.008	0.02	0.5
M354021		14.1	93.2	<0.002	0.02	17.80	13.0	1	1.8	80.0	0.79	<0.05	14.3	0.283	1.04	2.4
M354022		15.6	99.2	<0.002	0.01	2.87	13.4	2	1.7	362	0.81	<0.05	13.0	0.282	0.99	4.2
M354023		14.2	78.4	<0.002	0.08	21.0	13.3	1	1.7	102.5	0.74	<0.05	11.9	0.287	1.03	2.5
M354024		18.3	103.0	<0.002	0.08	19.45	14.5	1	1.7	94.4	0.76	<0.05	15.1	0.306	1.14	3.4
M354025		15.5	99.6	<0.002	0.01	3.12	13.5	2	1.6	387	0.68	<0.05	13.5	0.292	1.03	3.4
M354026		16.2	85.1	<0.002	0.02	15.75	13.3	1	1.8	148.5	0.83	<0.05	11.7	0.297	1.16	2.9
M354027		13.1	62.0	<0.002	0.05	25.1	10.7	1	1.4	124.5	0.78	<0.05	9.2	0.229	1.06	2.8
M354028		17.2	72.1	<0.002	0.01	13.00	13.0	1	1.9	139.0	0.84	<0.05	9.9	0.318	1.19	3.9
M354029		17.9	73.5	<0.002	0.06	8.14	14.2	2	1.6	149.5	0.71	<0.05	10.8	0.282	1.30	6.1
M354030		10.1	65.2	<0.002	0.11	35.6	11.8	1	1.4	88.1	0.63	<0.05	11.6	0.239	1.15	5.9
M354031		10.2	65.7	<0.002	0.04	14.45	13.9	1	1.9	104.0	0.81	<0.05	13.0	0.305	1.02	2.2
M354032		11.3	71.0	<0.002	0.15	5.61	11.9	2	3.1	312	0.67	0.05	10.7	0.260	1.05	3.3
M354033		13.8	66.6	<0.002	0.04	2.14	12.7	2	2.0	482	0.84	<0.05	13.5	0.284	0.85	3.7
M354034		15.7	91.4	<0.002	0.01	2.03	12.4	2	1.8	440	0.95	<0.05	14.1	0.277	1.04	4.1
M354035		12.0	94.8	<0.002	0.02	4.08	13.1	2	2.0	342	0.94	<0.05	12.9	0.282	1.29	3.3
M354036		6.7	102.0	<0.002	0.22	9.63	9.6	1	3.2	167.5	0.70	<0.05	7.5	0.225	1.77	3.8
M354037		12.8	75.8	<0.002	0.21	4.55	11.7	1	1.9	320	0.65	<0.05	8.4	0.276	1.20	2.5
M354038		15.0	81.0	<0.002	0.02	1.08	12.7	1	1.6	409	0.68	<0.05	10.4	0.283	0.97	3.0
M354039		23.3	93.3	<0.002	0.03	1.24	13.1	1	1.7	409	0.69	<0.05	13.1	0.290	0.95	3.9
M354040		15.8	83.1	<0.002	<0.01	1.73	13.5	1	1.9	431	0.69	<0.05	12.3	0.295	0.85	3.8
M354041		16.8	88.3	<0.002	<0.01	1.64	14.1	1	1.8	438	0.70	<0.05	13.1	0.293	0.80	4.0
M354042		13.7	83.3	<0.002	0.07	1.66	12.4	1	1.5	446	0.68	<0.05	11.7	0.272	0.87	3.8
M354043		14.3	81.4	<0.002	0.08	2.74	11.5	1	1.6	431	0.67	<0.05	9.7	0.273	0.98	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354008		77	1.2	16.0	49	26.9	1	
M354009		52	4.6	9.8	>10000	30.9	118	1.610
M354010		73	2.5	13.0	57	24.5	1	
M354011		83	3.5	14.1	72	20.7	1	
M354012		89	3.8	14.9	271	22.3	6	
M354013		2	0.1	0.9	15	<0.5	<1	
M354014		82	3.7	12.9	77	23.8	3	
M354015		78	1.1	16.5	51	28.8	<1	
M354016		56	5.1	10.2	5540	25.2	25	
M354017		77	1.2	17.2	54	27.8	<1	
M354018		81	2.2	14.4	51	30.1	<1	
M354019		61	8.1	15.1	54	19.4	1	
M354020		4	0.2	1.0	17	<0.5	<1	
M354021		77	5.5	15.6	48	32.9	<1	
M354022		78	1.8	18.2	51	31.4	<1	
M354023		81	6.4	16.4	55	30.1	<1	
M354024		82	7.9	17.4	55	30.9	<1	
M354025		81	1.4	17.9	54	29.5	<1	
M354026		83	6.7	15.5	54	29.3	<1	
M354027		68	6.2	15.4	55	23.3	<1	
M354028		87	3.1	15.0	47	28.3	<1	
M354029		93	1.9	22.6	73	27.1	<1	
M354030		71	3.1	16.1	61	22.1	<1	
M354031		81	5.3	16.5	52	24.7	<1	
M354032		86	2.8	15.4	45	20.2	1	
M354033		80	1.7	16.2	51	30.5	<1	
M354034		78	1.2	17.4	49	27.1	<1	
M354035		79	2.2	15.2	49	27.8	<1	
M354036		97	3.7	11.1	45	18.3	<1	
M354037		78	1.8	14.1	52	24.3	<1	
M354038		81	0.6	16.2	52	25.2	<1	
M354039		83	0.6	19.3	56	28.1	<1	
M354040		88	0.5	19.2	53	27.8	<1	
M354041		87	0.5	20.2	55	28.9	<1	
M354042		78	0.5	18.6	47	25.8	<1	
M354043		76	2.5	16.4	47	27.8	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199388

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm)
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199389

Project: Klaza - 112

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

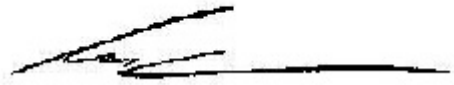
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199389

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354044		7.94	<0.005	0.06	7.58	4.9	2230	1.40	0.07	2.89	0.08	48.0	8.0	13	4.96	7.2
M354045		7.95	<0.005	0.05	7.22	4.0	2150	1.37	0.07	2.92	0.07	40.8	7.7	12	4.16	10.3
M354046		8.88	<0.005	0.06	7.43	4.9	2110	1.45	0.08	2.72	0.08	43.4	7.3	12	4.41	3.4
M354047		8.23	<0.005	0.05	7.38	5.3	2060	1.45	0.06	2.95	0.07	44.0	8.4	13	3.71	4.2
M354048		8.78	<0.005	0.06	7.46	3.2	2170	1.36	0.06	2.88	0.10	42.9	8.1	11	4.47	3.2
M354049		4.53	<0.005	0.07	7.79	4.0	2410	1.45	0.06	3.10	0.10	44.2	9.0	11	5.78	4.2
M354050		3.72	<0.005	0.06	7.13	18.0	2130	1.41	0.06	2.95	0.10	37.2	8.3	10	6.57	3.1
M354051		4.13	<0.005	0.06	6.29	6.4	1920	1.23	0.10	3.39	0.09	32.9	6.2	9	6.27	3.1
M354052		4.27	<0.005	0.06	7.08	3.9	2190	1.38	0.08	2.84	0.08	37.2	6.7	10	5.80	4.5
M354053		1.69	<0.005	0.04	7.21	3.0	2130	1.33	0.06	2.75	0.08	40.3	6.7	10	6.52	2.8
M354054		7.74	<0.005	0.05	6.96	3.4	2080	1.46	0.05	2.81	0.08	38.5	8.7	10	5.76	3.6
M354157		<0.02	<0.005	0.07	7.67	3.1	2180	1.45	0.06	2.94	0.08	46.1	8.8	10	5.97	3.3
M354055		6.26	<0.005	0.06	7.34	7.1	2250	1.36	0.11	2.91	0.08	38.4	9.7	10	5.68	4.8
M354056		4.00	<0.005	0.19	7.26	11.9	2140	1.42	0.62	2.64	0.10	42.2	13.6	10	7.51	8.4
M354057		7.24	<0.005	0.07	7.08	4.7	2100	1.40	0.15	2.75	0.10	38.4	6.8	10	6.35	6.2
M354058		0.26	0.756	9.31	6.16	1710	140	1.27	6.52	1.75	41.4	33.4	16.7	19	15.55	103.0
M354059		6.71	<0.005	0.08	7.40	7.5	2130	1.50	0.06	2.84	0.12	39.4	7.9	9	8.71	4.2
M354060		2.31	<0.005	0.17	6.98	77.5	3440	1.26	0.10	3.28	0.27	48.1	8.4	7	21.3	11.3
M354061		3.64	<0.005	0.01	0.08	<5	20	0.06	0.01	21.3	0.07	1.30	1.5	<1	0.58	2.2
M354062		1.84	<0.005	0.08	7.06	10.9	2530	1.29	0.07	2.81	0.13	33.8	8.8	8	13.95	8.9
M354063		2.17	<0.005	0.08	6.50	21.2	1540	1.31	0.06	4.10	0.22	39.0	7.1	6	18.00	9.6
M354064		3.13	<0.005	0.07	6.61	12.7	1790	1.38	0.06	4.60	0.09	35.7	7.9	7	15.05	7.6
M354065		2.60	<0.005	0.12	7.36	16.2	1950	1.45	0.09	2.87	0.12	39.8	8.1	8	15.70	12.6
M354066		2.34	<0.005	0.11	7.21	24.9	1620	1.58	0.11	2.85	0.38	39.1	7.2	8	17.35	4.9
M354067		2.85	0.005	0.36	6.83	23.2	1020	1.64	0.59	2.96	1.00	34.4	10.9	7	16.75	2.2
M354068		3.25	<0.005	0.12	7.68	9.5	1470	1.46	0.52	1.87	0.12	36.1	5.3	9	14.30	3.7
M354069		2.97	<0.005	0.08	7.03	9.1	1710	1.65	0.24	2.85	0.15	35.0	5.9	9	16.30	10.9
M354070		4.87	<0.005	0.06	7.02	4.1	1760	1.56	0.25	2.84	0.09	36.2	8.0	12	10.75	5.2
M354071		2.71	<0.005	0.08	7.30	3.8	2420	1.61	0.19	2.18	0.08	33.6	7.8	8	10.35	5.3
M354072		0.26	0.776	9.38	6.46	1780	210	1.32	6.82	1.86	41.7	42.1	16.5	20	16.65	105.0
M354073		7.40	<0.005	0.08	7.06	5.6	2100	1.42	0.19	2.55	0.14	38.5	8.0	11	7.58	6.1
M354074		4.97	<0.005	0.07	6.82	3.5	1980	1.46	0.14	2.58	0.09	40.2	7.0	10	7.87	7.9
M354075		2.13	<0.005	0.19	6.68	12.8	2240	1.27	0.42	3.43	0.15	36.9	9.0	8	13.50	4.4
M354076		4.20	<0.005	0.01	0.13	<5	230	0.07	0.01	20.7	0.06	1.47	1.8	<1	0.44	1.8
M354077		3.02	<0.005	0.09	6.97	4.1	2030	1.45	0.11	2.61	0.07	36.2	7.3	8	10.90	8.0
M354078		4.94	<0.005	0.09	7.40	7.3	1940	1.64	0.10	2.74	0.13	42.8	6.5	8	11.50	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354044		3.20	17.20	0.17	1.1	0.044	2.46	24.6	11.5	0.93	647	0.75	2.34	8.5	3.7	620
M354045		3.22	16.50	0.15	1.1	0.045	2.43	20.8	11.6	0.88	638	0.72	2.34	8.6	3.4	630
M354046		3.19	16.30	0.18	1.0	0.052	2.42	22.5	11.1	0.88	621	0.62	2.36	8.6	2.9	620
M354047		3.20	17.05	0.19	1.1	0.046	2.44	23.2	11.1	0.89	666	0.92	2.26	8.8	3.1	620
M354048		3.26	16.65	0.19	1.1	0.044	2.37	22.0	13.4	0.91	647	0.98	2.33	8.8	3.0	630
M354049		3.48	17.70	0.19	1.2	0.050	2.50	22.7	13.9	0.99	744	0.83	2.42	9.4	3.2	660
M354050		3.15	16.75	0.17	1.2	0.048	2.43	19.5	14.1	0.85	693	0.84	2.28	8.7	2.9	610
M354051		3.27	15.75	0.16	1.0	0.086	2.42	16.4	11.0	0.83	900	0.65	1.63	8.2	2.7	560
M354052		3.25	16.95	0.17	1.1	0.060	2.50	18.4	13.2	0.85	728	0.69	2.22	8.9	3.0	620
M354053		3.30	16.30	0.16	1.2	0.048	2.40	19.9	13.1	0.87	695	0.75	2.16	8.9	2.8	640
M354054		3.16	16.85	0.17	1.2	0.049	2.35	19.1	13.8	0.89	704	0.67	2.26	8.9	3.0	600
M354157		3.31	16.90	0.20	1.2	0.048	2.43	23.8	14.4	0.97	724	0.68	2.36	8.9	3.0	650
M354055		3.38	16.85	0.19	1.2	0.051	2.41	19.4	15.0	0.95	678	0.67	2.33	9.0	3.0	640
M354056		3.29	16.50	0.18	1.0	0.067	2.43	22.1	16.5	0.83	567	0.79	2.14	8.7	2.9	600
M354057		3.21	15.85	0.16	1.1	0.055	2.37	19.1	15.6	0.81	557	0.69	2.19	8.5	2.8	610
M354058		5.13	15.00	0.16	1.3	0.990	2.62	16.7	24.6	0.63	1920	13.05	0.26	8.2	15.2	470
M354059		3.14	16.45	0.17	1.2	0.044	2.47	19.9	27.6	0.81	615	0.80	2.08	8.6	2.8	620
M354060		2.98	14.75	0.18	1.0	0.041	2.19	27.0	82.2	1.04	810	0.66	0.07	7.6	2.8	570
M354061		0.50	0.52	0.24	<0.1	0.005	0.04	0.6	1.4	12.75	217	0.09	0.01	0.5	3.4	180
M354062		3.24	17.95	0.15	1.1	0.048	2.41	17.2	53.2	0.67	564	0.55	0.80	8.9	2.8	620
M354063		2.75	15.35	0.16	1.0	0.038	1.97	20.6	69.1	0.57	734	0.75	0.25	8.1	2.4	560
M354064		3.07	15.95	0.17	1.1	0.044	2.29	18.8	23.9	0.61	671	0.96	1.39	8.5	2.6	580
M354065		3.06	16.75	0.17	1.2	0.054	2.42	20.4	43.2	0.78	645	0.98	1.25	9.0	2.7	630
M354066		3.21	16.80	0.17	1.3	0.054	2.14	19.8	84.9	0.72	630	0.76	1.60	9.8	2.8	650
M354067		3.18	15.05	0.13	1.1	0.106	2.47	17.6	49.9	0.93	1180	0.61	0.59	8.8	2.3	580
M354068		3.40	16.20	0.16	1.3	0.080	1.62	18.6	38.6	0.83	631	0.46	1.04	9.3	2.7	640
M354069		3.01	15.50	0.17	1.2	0.066	2.30	18.5	18.5	0.71	640	0.56	1.90	8.9	2.7	590
M354070		3.22	16.15	0.17	1.5	0.053	2.31	17.8	16.6	0.80	636	1.12	2.20	9.2	2.8	630
M354071		3.06	16.00	0.17	1.5	0.050	2.57	16.7	23.1	0.76	454	1.13	1.56	8.9	2.8	600
M354072		5.18	14.90	0.16	1.3	0.990	2.75	22.7	26.0	0.66	2010	12.60	0.26	8.1	15.3	470
M354073		3.13	16.05	0.17	1.3	0.048	2.40	19.8	18.2	0.86	570	1.40	2.27	8.5	2.9	590
M354074		2.99	15.45	0.19	1.4	0.047	2.49	20.0	18.7	0.81	532	1.54	2.07	8.8	2.9	590
M354075		3.36	14.25	0.16	1.3	0.063	2.22	19.6	42.4	0.99	860	1.67	0.59	7.7	2.7	560
M354076		0.49	0.64	0.24	<0.1	0.006	0.06	0.7	1.6	12.55	213	0.13	0.01	0.4	3.8	170
M354077		3.19	16.55	0.16	1.3	0.045	2.51	18.6	19.7	0.75	479	1.91	1.49	9.0	2.8	600
M354078		3.22	16.60	0.20	1.4	0.052	2.53	22.0	30.9	0.78	516	1.69	1.81	8.9	2.6	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354044		17.4	86.1	<0.002	<0.01	1.16	13.3	2	1.6	436	0.65	<0.05	11.9	0.288	1.03	4.0
M354045		16.9	79.4	<0.002	<0.01	1.22	12.4	2	1.6	416	0.66	<0.05	10.4	0.288	1.05	3.5
M354046		15.7	87.7	<0.002	0.01	1.44	12.3	2	1.6	405	0.65	<0.05	10.8	0.277	1.04	3.7
M354047		15.8	83.3	<0.002	0.01	0.92	12.7	2	1.5	409	0.67	<0.05	11.3	0.289	0.99	3.8
M354048		16.9	82.2	<0.002	0.01	1.17	12.7	2	1.5	426	0.65	<0.05	10.9	0.280	0.99	3.9
M354049		17.9	86.4	<0.002	<0.01	1.04	13.9	2	1.7	452	0.68	<0.05	11.4	0.309	1.08	4.1
M354050		16.6	77.4	<0.002	0.01	1.14	11.9	2	1.5	415	0.65	<0.05	10.0	0.288	1.05	3.6
M354051		13.1	75.6	<0.002	0.06	1.85	10.5	2	1.6	311	0.61	<0.05	8.4	0.266	1.24	3.7
M354052		16.6	79.5	<0.002	0.01	1.34	11.9	2	1.5	407	0.65	<0.05	9.7	0.286	1.10	4.1
M354053		16.3	80.0	<0.002	0.01	1.15	12.2	2	1.5	397	0.68	<0.05	10.2	0.285	1.00	3.5
M354054		16.4	72.4	<0.002	<0.01	0.86	12.0	2	1.6	409	0.70	<0.05	10.2	0.278	0.95	4.0
M354157		17.2	82.9	<0.002	0.01	0.86	12.8	2	1.6	432	0.70	<0.05	12.1	0.290	0.98	4.3
M354055		16.5	75.2	<0.002	0.04	1.16	12.0	2	1.6	422	0.70	<0.05	10.1	0.293	1.03	3.8
M354056		16.2	93.7	<0.002	0.24	2.49	12.2	2	1.5	367	0.63	<0.05	10.9	0.279	1.22	4.1
M354057		15.9	76.6	<0.002	0.03	1.79	11.4	2	1.6	426	0.63	<0.05	8.9	0.283	0.98	3.1
M354058		1315	131.0	<0.002	2.99	33.9	9.0	2	5.9	138.5	0.63	0.29	10.1	0.196	2.65	5.1
M354059		18.0	82.9	<0.002	0.02	2.19	11.8	2	1.6	422	0.65	<0.05	10.6	0.277	1.08	4.0
M354060		19.7	89.1	<0.002	0.33	11.95	12.1	2	2.5	227	0.58	<0.05	11.8	0.247	2.51	4.0
M354061		2.5	3.2	<0.002	<0.01	0.05	0.4	1	0.2	40.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
M354062		17.1	72.4	<0.002	0.06	6.41	12.5	1	2.2	326	0.66	<0.05	9.5	0.291	1.26	3.3
M354063		30.4	63.2	<0.002	0.10	15.95	11.1	2	2.1	254	0.62	<0.05	9.8	0.256	1.31	3.7
M354064		17.9	73.3	<0.002	0.07	3.95	11.2	2	2.0	401	0.67	<0.05	10.0	0.266	1.38	3.5
M354065		16.9	80.5	<0.002	0.12	5.29	12.2	2	2.4	315	0.72	<0.05	11.4	0.285	1.65	4.4
M354066		17.4	76.9	<0.002	0.15	5.16	12.7	2	2.0	376	0.78	<0.05	11.5	0.292	1.65	4.3
M354067		90.4	93.8	<0.002	0.38	5.74	11.2	2	1.9	173.0	0.71	0.05	10.6	0.264	2.19	4.7
M354068		15.8	58.6	<0.002	0.06	6.12	12.2	2	2.3	225	0.83	<0.05	12.0	0.291	1.24	4.2
M354069		18.9	82.6	<0.002	0.07	4.47	11.2	2	2.0	342	0.81	<0.05	10.6	0.267	1.38	4.2
M354070		18.1	80.7	<0.002	0.01	1.83	12.6	2	1.9	388	0.74	<0.05	11.7	0.279	1.06	4.3
M354071		17.9	89.0	<0.002	0.02	3.17	12.9	2	1.8	399	0.75	<0.05	12.6	0.277	1.11	4.1
M354072		1305	154.5	<0.002	2.98	34.4	9.6	2	6.1	139.5	0.62	0.26	11.7	0.205	2.63	5.3
M354073		18.5	81.0	<0.002	0.01	1.13	11.5	2	1.7	409	0.71	<0.05	12.1	0.258	1.00	4.4
M354074		16.1	88.2	<0.002	0.01	1.48	11.6	2	1.6	358	0.73	<0.05	11.9	0.270	1.02	4.1
M354075		19.9	74.1	<0.002	0.21	12.25	10.9	2	1.6	227	0.66	<0.05	11.1	0.246	1.34	3.6
M354076		1.5	3.3	<0.002	0.01	0.06	0.5	1	<0.2	44.3	<0.05	<0.05	0.2	0.006	0.02	0.7
M354077		17.0	88.3	<0.002	0.01	3.86	12.0	2	1.9	350	0.76	<0.05	11.2	0.280	1.13	3.8
M354078		17.8	97.8	<0.002	0.03	4.01	13.0	2	1.8	372	0.79	<0.05	14.1	0.272	1.19	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M354044		82	0.5	17.4	46	28.8	1
M354045		83	0.5	16.2	51	28.3	<1
M354046		79	0.5	16.8	43	29.2	1
M354047		81	0.4	17.3	46	30.9	<1
M354048		80	0.5	17.2	46	31.8	<1
M354049		89	0.5	18.4	52	33.0	<1
M354050		83	0.4	16.0	48	31.7	<1
M354051		76	1.1	13.6	46	27.8	<1
M354052		82	0.8	15.5	46	30.0	<1
M354053		82	0.7	16.3	45	30.8	<1
M354054		80	0.5	16.0	47	33.9	<1
M354157		82	0.5	17.4	49	32.1	<1
M354055		83	0.6	15.7	47	31.8	<1
M354056		78	1.1	15.4	45	28.7	<1
M354057		79	0.9	14.4	41	29.7	<1
M354058		56	5.1	10.6	2760	41.5	8
M354059		79	0.9	15.1	46	33.0	<1
M354060		73	1.7	16.4	48	28.6	<1
M354061		2	0.1	0.9	13	0.8	<1
M354062		83	1.8	12.9	50	31.1	1
M354063		72	6.6	16.6	46	28.8	<1
M354064		77	2.1	16.5	41	29.7	1
M354065		80	2.5	16.2	43	30.8	1
M354066		85	1.3	17.1	57	33.9	<1
M354067		69	2.6	14.0	97	29.0	1
M354068		77	3.5	14.1	49	31.4	<1
M354069		75	1.6	14.9	43	31.2	1
M354070		83	1.4	16.9	46	36.9	1
M354071		81	2.5	14.0	40	38.1	<1
M354072		58	5.2	11.7	2920	41.3	10
M354073		74	0.9	15.6	41	32.9	1
M354074		77	0.9	15.8	35	36.3	<1
M354075		72	2.2	15.9	44	32.3	<1
M354076		4	0.1	1.0	12	0.7	<1
M354077		78	2.1	14.2	40	34.7	<1
M354078		78	1.5	17.0	41	37.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 112

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199389

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199400

Project: Klaza - 112

P.O. No.: Batch 5

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

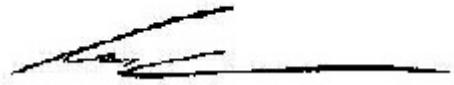
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199400

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354079		3.05	<0.005	0.21	6.77	20.1	1510	1.69	0.54	2.25	0.61	46.1	20.8	20	20.8	8.5
M354080		6.90	<0.005	0.06	7.20	6.7	2020	1.51	0.19	2.48	0.09	53.3	7.5	22	9.96	7.8
M354081		4.42	<0.005	0.03	6.36	2.5	1910	1.40	0.09	2.45	0.08	50.4	7.0	20	5.24	8.0
M354082		2.35	<0.005	0.03	7.42	2.9	2210	1.59	0.14	2.71	0.09	67.7	8.1	20	5.85	6.4
M354083		5.00	<0.005	0.04	7.39	4.8	2090	1.83	0.13	2.79	0.09	61.1	8.2	24	13.20	11.4
M354084		3.02	<0.005	0.05	6.50	15.0	1400	1.56	0.08	3.31	0.13	44.5	8.5	15	20.8	5.3
M354085		4.38	<0.005	0.06	7.30	4.2	2130	1.61	0.09	2.73	0.09	61.0	8.1	24	8.12	5.0
M354086		0.26	4.46	>100	5.61	7980	1020	1.23	65.2	2.02	238	40.0	9.6	17	11.80	1315
M354087		7.50	<0.005	0.12	7.54	7.6	2330	1.75	0.14	2.72	0.23	57.2	9.3	23	6.41	6.8
M354088		9.27	<0.005	0.07	7.25	2.9	2160	1.61	0.12	2.88	0.11	56.6	7.6	26	6.80	7.4
M354089		5.47	<0.005	0.04	7.01	2.4	2100	1.61	0.08	2.85	0.09	53.7	7.5	22	8.13	5.5
M354090		5.18	<0.005	0.14	6.45	19.3	1970	1.58	0.14	2.89	0.10	39.5	8.5	21	18.60	42.8
M354091		2.56	<0.005	0.05	6.94	12.1	1630	2.07	0.15	2.93	0.10	43.5	6.1	23	30.2	5.7
M354092		2.67	<0.005	0.55	6.51	32.8	2430	1.68	0.12	3.34	6.73	47.3	7.2	17	21.4	12.7
M354093		4.37	<0.005	0.08	7.21	5.4	2220	1.53	0.11	2.78	0.13	52.3	7.4	29	9.12	4.4
M354094		2.45	<0.005	0.12	6.81	7.7	1780	1.51	0.12	2.83	0.13	48.9	6.8	30	11.25	7.6
M354095		7.82	<0.005	0.05	7.22	7.0	2170	1.61	0.08	2.72	0.12	53.8	7.6	23	7.14	8.2
M354096		7.95	<0.005	0.07	7.08	5.4	2180	1.54	0.08	2.74	0.14	57.9	7.9	25	6.54	5.4
M354097		0.22	4.37	>100	5.40	8180	1000	1.24	61.2	2.01	228	38.6	9.4	17	11.35	1320
M354098		8.22	<0.005	0.15	7.08	9.2	2140	1.65	0.11	2.81	0.24	50.1	8.0	22	8.59	6.3
M354099		4.39	<0.005	0.07	6.95	3.9	2120	1.61	0.09	2.47	0.12	55.6	7.9	23	9.20	4.9
M354100		2.29	<0.005	0.09	6.34	4.3	1810	1.60	0.09	3.60	0.11	48.2	7.2	21	16.75	8.3
M354101		3.25	0.026	0.64	6.93	152.0	1810	2.04	0.15	3.99	1.99	53.5	6.5	17	20.0	6.5
M354102		1.92	0.072	12.50	7.26	262	840	2.12	1.67	2.30	1.25	70.1	17.1	12	29.3	669
M354103		2.54	1.740	>100	2.35	8090	160	0.64	30.2	3.19	100.5	13.70	91.5	10	6.81	4180
M354104		Not Recvd														
M354105		9.19	0.029	1.88	6.83	138.0	1490	2.14	0.32	2.99	2.79	62.3	7.0	16	21.6	24.3
M354106		2.14	1.075	19.80	6.28	7210	370	1.66	3.73	2.85	6.48	45.8	22.0	15	13.05	132.5
M354107		2.83	<0.005	0.09	0.17	5	30	0.08	0.04	20.8	0.09	1.58	1.8	<1	0.66	2.8
M354108		2.15	0.023	0.19	6.45	22.2	1920	1.64	0.13	2.92	0.11	41.9	7.0	19	9.58	5.0
M354109		5.10	<0.005	0.09	7.02	6.6	2040	1.76	0.07	2.91	0.11	49.1	7.4	20	10.75	4.6
M354110		<0.02	<0.005	0.08	7.00	6.4	2010	1.80	0.07	2.68	0.09	45.2	10.0	14	10.10	4.1
M354111		6.11	<0.005	0.08	7.12	11.2	2070	1.63	0.08	2.71	0.25	41.9	11.2	20	6.50	3.8
M354112		3.55	<0.005	0.06	6.97	7.7	2070	1.73	0.05	2.68	0.11	41.8	9.6	25	6.04	3.2
M354113		2.39	<0.005	0.11	6.91	12.7	2010	1.74	0.16	2.83	0.12	42.2	16.6	21	6.81	4.6
M354114		2.85	<0.005	0.16	6.54	13.8	1930	1.81	0.34	2.72	0.15	41.1	13.5	20	7.54	5.0
M354116		2.46	<0.005	0.01	0.08	<5	240	0.06	<0.01	20.0	0.05	1.25	1.7	<1	0.56	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354079		2.63	16.15	0.12	1.4	0.071	2.13	23.2	57.1	0.75	798	2.46	0.05	7.2	3.2	460
M354080		2.90	17.10	0.13	1.3	0.051	2.45	25.1	25.3	0.77	553	2.62	1.70	8.2	2.9	610
M354081		2.65	15.35	0.12	1.2	0.047	2.19	24.2	14.8	0.82	569	2.30	1.95	7.5	2.6	540
M354082		3.02	17.35	0.13	1.5	0.041	2.50	34.2	15.9	0.92	642	2.23	2.21	8.2	3.2	620
M354083		3.12	17.30	0.14	1.5	0.053	2.43	29.6	16.2	0.82	612	1.95	2.13	8.7	3.3	640
M354084		2.63	16.75	0.12	1.2	0.044	2.14	20.6	70.4	0.76	783	1.54	0.80	7.9	3.0	580
M354085		2.95	17.45	0.12	1.3	0.045	2.49	30.6	25.0	0.88	623	2.69	2.05	8.3	3.2	620
M354086		8.26	13.95	0.15	1.1	5.17	2.30	19.9	33.2	0.66	3120	14.20	0.09	5.9	15.5	470
M354087		3.11	17.85	0.09	1.4	0.044	2.51	27.5	17.2	0.96	625	2.17	2.28	8.4	3.0	630
M354088		2.96	16.60	0.10	1.3	0.044	2.49	27.1	16.1	0.85	634	2.79	2.21	8.0	2.9	610
M354089		2.91	16.70	0.10	1.4	0.042	2.47	25.2	16.2	0.78	617	2.04	2.00	8.3	2.9	600
M354090		2.91	16.20	0.11	1.5	0.051	2.21	18.1	28.3	0.75	642	1.63	1.42	8.3	2.9	570
M354091		2.91	16.90	0.10	1.5	0.042	1.99	20.2	48.7	0.65	613	1.73	1.33	9.9	2.6	590
M354092		2.71	16.20	0.10	1.4	0.038	2.24	23.0	76.1	0.93	737	1.22	0.16	8.7	2.6	540
M354093		2.94	16.90	0.10	1.1	0.044	2.27	24.5	16.7	0.83	600	1.89	2.26	8.1	2.9	620
M354094		2.92	16.30	0.09	1.2	0.054	2.20	23.3	25.3	0.83	568	1.98	1.98	8.0	3.1	600
M354095		3.03	17.00	0.11	1.2	0.046	2.51	26.1	19.1	0.94	608	1.76	2.28	8.3	5.8	620
M354096		2.98	17.00	0.11	1.2	0.048	2.54	28.3	16.9	0.93	635	2.08	2.16	8.2	3.0	610
M354097		7.91	13.85	0.15	1.1	5.02	2.30	19.3	32.5	0.63	3120	14.50	0.09	5.8	15.0	460
M354098		3.06	17.15	0.11	1.2	0.050	2.55	23.4	19.4	0.82	586	1.88	2.05	8.4	3.2	650
M354099		3.04	16.70	0.11	1.3	0.051	2.54	26.2	15.6	0.79	542	3.40	2.09	8.4	3.1	650
M354100		2.91	16.65	0.09	1.1	0.056	2.53	22.4	13.1	0.70	780	2.72	1.70	7.8	3.1	600
M354101		3.19	16.55	0.12	1.3	0.119	2.66	26.9	15.9	0.94	3020	1.91	0.73	7.8	3.0	590
M354102		3.52	18.20	0.13	2.4	0.214	1.89	34.0	48.0	0.74	578	2.11	0.08	11.6	3.4	920
M354103		16.10	5.96	0.26	0.5	4.50	0.79	6.1	16.6	0.81	1400	10.70	0.08	2.8	3.2	160
M354104																
M354105		2.57	17.95	0.10	3.2	0.074	2.67	31.3	62.1	1.08	737	1.36	0.07	9.7	6.4	1010
M354106		5.67	14.60	0.12	1.3	0.444	2.38	23.5	21.0	0.94	2160	1.70	0.54	7.0	3.2	530
M354107		0.49	0.46	<0.05	<0.1	0.006	0.08	0.7	1.7	12.40	230	0.14	0.01	0.3	4.5	190
M354108		2.83	16.15	0.09	1.3	0.059	2.51	18.7	9.5	0.83	698	1.30	1.90	7.7	2.8	570
M354109		2.90	17.15	0.11	1.4	0.045	2.54	22.3	14.7	0.86	647	1.53	2.20	8.6	4.0	640
M354110		2.85	16.35	0.11	1.2	0.045	2.48	20.6	14.6	0.85	594	1.06	2.12	8.1	3.0	560
M354111		3.00	16.75	0.15	1.2	0.055	2.53	21.3	16.6	0.83	575	1.97	2.30	9.0	2.9	610
M354112		3.04	16.30	0.19	1.3	0.050	2.50	21.8	17.1	0.91	585	1.99	2.25	8.8	3.1	600
M354113		3.26	16.10	0.17	1.3	0.064	2.49	21.2	14.0	0.84	591	1.96	2.15	8.9	3.0	620
M354114		3.19	16.05	0.16	1.5	0.087	2.36	20.1	13.3	0.85	630	2.15	2.01	9.7	2.9	620
M354116		0.48	0.55	0.30	<0.1	0.005	0.04	0.6	1.4	12.10	213	0.13	0.01	0.5	2.9	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354079		27.2	94.9	<0.002	0.26	14.70	9.5	1	2.0	123.0	0.88	0.06	16.2	0.201	1.73	5.4
M354080		16.5	93.3	<0.002	0.06	5.05	12.2	1	1.9	335	0.72	0.06	12.7	0.260	1.02	4.2
M354081		14.7	83.1	<0.002	0.01	0.60	11.3	1	1.7	355	0.65	<0.05	12.5	0.231	0.78	4.1
M354082		16.9	101.0	<0.002	0.01	0.60	13.4	1	1.7	405	0.73	<0.05	16.5	0.262	0.89	5.0
M354083		17.4	99.5	<0.002	0.04	1.57	13.6	1	1.8	408	0.77	<0.05	15.9	0.276	1.00	4.8
M354084		14.4	72.7	<0.002	0.12	9.79	11.5	1	1.5	256	0.68	<0.05	10.7	0.257	1.57	3.5
M354085		16.4	100.5	<0.002	0.02	1.48	13.4	1	1.6	387	0.69	<0.05	14.6	0.265	0.98	4.3
M354086		9840	138.0	<0.002	7.27	223	8.3	2	9.2	129.0	0.49	0.55	9.5	0.189	2.18	5.8
M354087		23.6	94.6	<0.002	0.02	0.81	13.0	1	1.6	429	0.74	<0.05	13.3	0.268	0.94	4.3
M354088		17.6	92.8	<0.002	0.02	0.77	12.5	1	1.6	402	0.68	<0.05	13.7	0.258	0.89	4.2
M354089		16.7	93.2	<0.002	0.01	1.44	12.2	1	1.6	373	0.71	<0.05	12.5	0.261	0.95	4.1
M354090		15.2	77.0	<0.002	0.12	8.31	10.5	1	1.6	312	0.78	<0.05	11.3	0.255	1.37	4.4
M354091		16.6	84.3	<0.002	0.05	5.66	11.0	1	1.9	312	1.29	<0.05	11.2	0.263	1.46	4.6
M354092		84.1	80.9	<0.002	0.25	12.05	10.9	1	1.6	201	1.19	<0.05	11.2	0.246	2.11	5.2
M354093		17.7	83.6	<0.002	0.02	1.59	12.5	1	1.6	410	0.66	<0.05	11.3	0.269	0.96	3.4
M354094		17.2	84.3	<0.002	0.04	2.08	11.8	1	1.7	359	0.67	<0.05	11.4	0.264	1.04	3.6
M354095		18.8	93.4	<0.002	0.01	1.15	12.8	1	1.7	420	0.69	<0.05	12.7	0.273	0.99	4.4
M354096		19.3	92.2	<0.002	0.01	0.94	12.7	1	1.6	411	0.68	<0.05	13.1	0.265	0.93	4.4
M354097		9420	134.0	0.002	7.01	219	8.3	2	9.0	124.5	0.48	0.50	8.9	0.190	2.14	5.5
M354098		24.3	89.8	<0.002	0.02	3.08	12.9	1	1.7	428	0.70	<0.05	11.4	0.276	0.94	3.7
M354099		18.6	93.8	<0.002	0.01	2.94	13.6	1	1.8	412	0.72	<0.05	13.5	0.275	1.06	4.4
M354100		17.6	91.4	<0.002	0.01	5.14	12.2	1	1.7	391	0.65	<0.05	10.1	0.266	1.29	3.2
M354101		141.5	121.5	<0.002	0.40	8.02	10.4	1	2.1	285	0.63	<0.05	11.5	0.243	2.06	4.3
M354102		60.9	66.3	<0.002	2.22	96.8	6.1	1	2.1	349	0.87	0.28	9.7	0.255	2.19	8.7
M354103		4320	49.2	0.006	>10.0	644	3.6	3	8.7	84.0	0.21	9.24	3.3	0.079	0.81	4.6
M354104																
M354105		52.4	125.0	<0.002	0.47	14.75	7.1	1	1.6	246	0.74	0.10	8.6	0.279	2.64	5.8
M354106		350	122.0	<0.002	3.85	62.7	9.6	1	3.5	280	0.66	1.23	12.2	0.222	1.72	5.8
M354107		3.7	5.4	<0.002	0.01	0.24	0.5	1	<0.2	44.3	<0.05	<0.05	<0.2	0.007	0.03	0.7
M354108		19.6	89.6	<0.002	0.06	1.99	10.4	1	1.7	343	0.73	<0.05	10.3	0.252	1.10	4.0
M354109		18.4	98.7	<0.002	0.03	1.41	12.2	1	1.9	383	0.78	<0.05	12.0	0.269	0.96	4.6
M354110		16.9	99.2	<0.002	0.03	1.39	11.8	1	1.6	368	0.77	<0.05	11.1	0.262	0.97	4.4
M354111		21.1	87.1	<0.002	0.04	1.69	11.9	2	2.1	379	0.73	<0.05	12.5	0.259	1.02	4.7
M354112		15.5	82.8	<0.002	0.01	1.11	12.3	2	1.9	400	0.70	<0.05	12.0	0.263	0.91	4.2
M354113		16.5	81.8	<0.002	0.31	1.31	11.3	2	2.3	367	0.78	0.07	12.7	0.256	1.03	4.6
M354114		21.5	78.7	<0.002	0.23	1.55	11.9	2	2.4	348	0.98	0.08	12.1	0.260	1.08	5.2
M354116		1.4	3.2	<0.002	0.01	<0.05	0.3	2	<0.2	38.0	<0.05	<0.05	0.2	<0.005	0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354079		60	4.5	16.6	76	31.3	<1	
M354080		75	2.2	18.1	42	29.7	1	
M354081		67	1.1	17.3	46	27.9	<1	
M354082		77	1.2	20.4	47	33.3	<1	
M354083		82	1.3	20.0	51	33.4	<1	
M354084		76	1.9	17.0	47	28.8	<1	
M354085		77	1.4	19.9	44	32.1	<1	
M354086		56	4.7	10.8	>10000	34.1	119	1.600
M354087		76	1.3	19.2	58	32.0	<1	
M354088		75	1.2	18.7	50	32.0	<1	
M354089		76	1.3	18.7	46	32.6	<1	
M354090		72	1.3	16.0	45	33.1	<1	
M354091		73	1.5	18.3	45	32.5	<1	
M354092		71	2.2	17.6	492	30.2	1	
M354093		76	0.9	17.7	45	28.2	<1	
M354094		74	1.0	16.3	43	30.2	<1	
M354095		78	0.7	18.3	44	29.6	<1	
M354096		78	0.5	18.9	47	30.0	<1	
M354097		56	4.5	10.6	>10000	33.5	123	1.675
M354098		82	1.3	17.9	60	32.4	<1	
M354099		81	1.0	17.4	45	32.4	<1	
M354100		79	2.1	18.1	51	29.0	<1	
M354101		66	2.6	15.7	217	36.5	<1	
M354102		50	2.3	12.1	140	80.2	13	
M354103		25	2.6	6.0	7140	14.6	167	
M354104								
M354105		61	2.2	13.8	261	121.0	2	
M354106		62	2.5	13.7	530	33.2	19	
M354107		5	0.1	1.1	17	0.5	<1	
M354108		73	0.8	16.3	48	30.0	1	
M354109		81	0.7	18.5	47	32.4	<1	
M354110		80	0.7	17.6	43	27.6	<1	
M354111		75	0.9	16.8	47	34.4	<1	
M354112		78	0.9	17.6	38	36.1	<1	
M354113		77	1.2	16.6	40	34.3	<1	
M354114		81	1.7	17.1	46	35.8	<1	
M354116		2	0.1	0.9	12	0.5	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12199400

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm)
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199401

Project: Klaza - 114

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

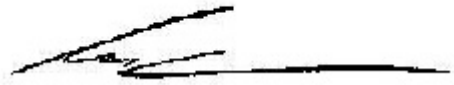
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199401

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N814790		2.87	0.011		0.16	6.74	18.4	1960	1.47	0.41	2.81	0.27	32.6	8.4	8	32.5
N814791		5.53	0.009		0.14	6.32	9.0	2140	1.55	0.59	3.88	0.13	38.1	9.7	11	10.95
N814792		6.41	0.013		0.27	7.14	11.1	2260	1.79	0.48	2.46	0.24	41.3	8.6	9	12.70
N814793		3.31	0.548		2.99	6.20	111.5	530	1.49	4.94	1.85	4.06	50.6	14.0	9	17.05
N814794		2.78	9.55		>100	6.03	666	90	1.27	205	2.16	4.11	42.5	19.5	8	13.40
N814795		1.95	0.006		0.24	0.15	<5	40	0.07	0.35	20.4	0.06	1.72	1.6	<1	0.55
N814796		4.92	0.067		0.57	7.30	13.7	1900	1.64	0.71	2.15	0.57	46.9	7.4	12	14.50
N814797		5.21	0.248		1.24	7.02	27.8	1650	1.59	1.91	2.23	1.82	46.4	8.2	10	13.55
N814798		4.12	0.006		0.32	7.24	10.6	2100	1.83	0.56	2.51	0.87	43.9	7.5	10	13.85
N814799		2.15	0.017		0.31	7.06	10.1	2040	1.79	0.63	2.61	0.77	40.2	7.8	10	14.10
N814800		2.53	0.545		2.05	7.25	35.0	1960	1.66	3.14	1.78	5.51	38.6	8.8	9	14.70
N814801		4.67	0.054		1.43	6.82	17.5	1270	1.66	2.63	2.08	0.50	45.9	9.6	9	13.50
N814802		5.37	0.106		1.57	7.32	29.1	650	1.48	2.05	1.46	1.57	44.1	8.6	9	15.60
N814803		4.27	>10.0	11.30	>100	5.40	1680	60	1.11	462	1.37	6.78	29.6	9.6	8	8.75
N814804		2.36	0.007		0.41	0.06	5	20	0.05	1.27	20.5	0.08	1.20	1.4	<1	0.24
N814805		5.89	0.067		0.51	6.99	14.4	2070	1.67	1.00	2.67	0.96	42.5	8.0	11	15.40
N814806		4.08	0.092		0.78	7.72	13.9	2340	1.89	1.67	2.68	0.32	46.2	7.4	13	11.80
N814807		0.23	2.27		23.3	5.61	3360	270	1.43	17.35	2.19	77.5	40.2	12.5	18	14.50
N814808		2.54	0.248		1.69	6.96	73.7	790	1.79	4.54	2.78	1.70	40.6	15.5	8	17.40
N814809		2.59	0.046		0.16	7.14	8.6	2480	1.86	0.59	2.80	0.33	41.9	9.0	11	12.45
N814810		3.80	0.013		0.15	7.50	9.7	2390	1.84	0.58	2.63	0.26	44.3	9.0	10	14.80
N814811		<0.02	0.014		0.15	7.50	9.0	2400	1.93	0.64	2.63	0.27	42.0	9.1	10	15.10
N814812		4.77	0.018		0.16	6.32	26.7	1950	1.78	0.79	2.27	0.46	29.9	9.0	7	20.6
N814813		3.51	0.005		0.11	6.23	22.2	1050	1.44	0.28	1.84	0.32	31.7	5.8	8	16.25
N814814		3.82	0.019		0.19	7.13	21.8	1770	1.92	1.06	2.43	0.47	42.4	8.1	8	21.1
N814815		3.60	0.661		0.94	6.22	64.1	1230	1.92	8.82	2.72	0.52	37.3	7.7	7	16.85
N814816		6.43	0.019		0.13	6.66	7.6	2080	1.88	0.49	2.35	0.19	37.5	7.9	8	16.75
N814817		4.30	0.022		0.08	6.77	16.6	1190	1.88	0.54	1.83	0.39	40.2	11.1	10	20.1
N814818		5.12	0.041		0.26	6.65	30.2	750	1.62	1.48	1.51	0.52	36.4	13.5	8	14.55
N814819		5.53	0.633		1.35	5.78	65.5	370	1.63	5.24	1.90	0.87	48.5	12.9	7	21.8
N814820		0.23	2.24		22.2	5.84	3330	150	1.39	17.15	2.14	76.2	39.9	12.3	18	14.15
N814821		3.39	0.033		0.25	7.08	16.6	1730	1.60	0.85	2.84	0.51	40.4	9.4	11	18.45
N814822		7.32	0.101		0.87	7.34	20.7	1640	1.70	5.03	2.35	0.61	52.2	10.6	12	13.10
N814823		5.14	1.035		0.77	7.23	29.1	540	1.71	2.68	1.65	2.67	58.1	17.0	11	10.50
N814824		2.80	1.305		2.15	6.60	46.8	280	1.50	2.05	1.50	13.70	50.3	12.6	10	10.50
N814825		6.07	0.118		0.51	7.57	13.8	1970	1.64	1.03	2.29	0.91	48.0	6.3	14	12.50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814790		9.4	3.15	16.70	0.14	1.1	0.059	2.52	16.2	16.1	0.62	656	1.40	1.17	7.9	2.6
N814791		23.3	3.01	16.75	0.17	1.0	0.055	2.32	19.0	13.0	0.71	650	2.07	1.77	8.5	2.9
N814792		16.4	2.93	16.30	0.19	1.1	0.064	2.56	21.3	15.3	0.65	453	2.05	1.59	8.6	2.5
N814793		193.0	3.64	14.70	0.16	0.8	0.203	2.71	29.8	11.2	0.71	1400	89.0	0.17	6.4	2.0
N814794		6030	8.44	15.35	0.17	0.8	2.65	2.67	24.7	8.7	0.73	1590	68.0	0.08	6.5	2.8
N814795		13.8	0.51	0.49	0.08	<0.1	0.010	0.05	0.8	1.5	12.45	219	0.37	0.02	0.6	2.9
N814796		38.8	2.97	16.80	0.15	1.1	0.101	2.94	24.7	27.0	0.65	549	2.94	1.13	8.2	2.9
N814797		103.0	3.67	16.70	0.16	1.0	0.154	3.26	24.3	12.6	0.71	699	11.40	1.09	8.2	2.6
N814798		17.8	3.01	16.55	0.16	1.2	0.068	2.79	22.7	14.6	0.70	593	2.72	1.93	8.8	2.6
N814799		14.0	3.11	16.65	0.17	1.2	0.085	2.93	20.6	14.5	0.70	610	5.38	1.76	8.8	2.7
N814800		105.5	3.98	16.95	0.15	1.1	0.185	2.58	20.0	34.3	0.57	590	1.43	0.42	8.5	2.7
N814801		35.8	4.29	14.80	0.17	1.0	0.227	1.78	24.9	26.2	0.69	596	0.75	1.67	7.6	2.5
N814802		67.1	3.31	16.40	0.13	1.1	0.132	1.56	22.8	75.7	0.54	1010	0.72	0.05	8.9	2.6
N814803		>10000	8.33	14.85	0.17	0.7	3.48	2.65	15.3	14.6	0.62	661	8.66	0.04	4.5	3.0
N814804		24.9	0.49	0.28	0.05	<0.1	0.012	0.03	0.6	1.1	12.25	222	0.19	<0.01	0.3	1.9
N814805		35.0	3.17	16.85	0.12	1.1	0.122	2.75	21.6	11.2	0.75	561	3.53	1.62	8.4	2.7
N814806		58.1	3.42	17.65	0.21	1.0	0.097	2.59	24.2	13.8	0.91	460	1.75	2.15	9.0	2.9
N814807		447	6.36	14.60	0.16	0.9	1.825	2.54	22.0	26.7	0.84	1920	14.00	0.04	6.5	15.0
N814808		101.0	4.10	17.80	0.16	0.9	0.189	3.18	20.6	32.2	0.86	1030	1.06	0.51	7.4	2.9
N814809		16.3	3.20	17.60	0.18	1.0	0.063	2.47	21.3	19.7	0.85	467	1.93	2.03	8.8	3.1
N814810		22.7	3.46	17.40	0.20	1.0	0.052	2.35	22.7	19.3	0.88	474	5.85	1.95	8.7	3.1
N814811		23.0	3.47	17.35	0.21	1.1	0.054	2.36	21.2	19.0	0.89	473	5.87	1.97	9.1	3.1
N814812		19.9	3.19	15.80	0.15	1.0	0.061	1.95	14.6	83.9	0.56	678	9.51	0.07	8.2	2.9
N814813		11.2	2.55	14.75	0.13	1.0	0.052	1.62	16.1	97.6	0.49	729	1.20	0.06	8.0	2.5
N814814		25.8	3.53	16.90	0.16	1.1	0.079	2.05	21.4	35.3	0.62	381	1.06	0.68	8.9	2.8
N814815		128.0	3.89	15.60	0.16	1.2	0.106	2.46	19.2	25.8	0.64	612	11.75	0.65	8.9	2.4
N814816		19.3	2.86	15.35	0.17	1.0	0.049	2.35	19.8	23.9	0.58	425	4.14	1.31	8.3	2.5
N814817		25.5	2.82	15.45	0.14	1.1	0.070	1.71	21.0	37.5	0.57	489	1.10	0.25	8.6	3.3
N814818		47.8	4.18	15.10	0.13	1.1	0.093	1.43	18.7	40.5	0.52	685	0.85	0.05	8.1	3.4
N814819		204	3.78	12.40	0.13	0.9	0.085	1.75	28.7	31.1	0.62	638	0.96	0.04	6.1	2.7
N814820		439	6.62	14.25	0.16	0.9	1.725	2.49	21.6	25.4	0.88	1890	13.50	0.04	6.4	18.4
N814821		50.1	2.74	15.45	0.14	1.2	0.102	2.42	21.8	53.7	0.83	402	0.57	1.05	8.0	4.3
N814822		211	3.23	15.75	0.17	1.1	0.157	2.06	29.0	15.1	0.79	391	0.80	2.57	8.0	3.3
N814823		56.4	3.85	15.15	0.19	0.9	0.070	2.02	35.3	14.5	0.83	369	0.88	2.10	6.5	3.1
N814824		85.3	4.38	14.00	0.18	0.8	0.122	1.51	28.9	58.9	0.61	289	0.52	1.48	5.3	2.9
N814825		72.7	3.09	15.70	0.18	1.1	0.117	2.30	27.5	23.2	0.79	489	0.59	1.58	7.7	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N814790		610	22.2	85.6	<0.002	0.15	6.10	10.8	1	1.6	263	0.56	0.18	8.1	0.256	1.38
N814791		590	17.0	67.2	<0.002	0.30	4.78	10.7	2	1.9	342	0.66	0.28	8.5	0.267	1.02
N814792		590	22.3	87.3	<0.002	0.33	5.01	11.2	2	2.5	290	0.67	0.16	12.0	0.257	1.23
N814793		470	130.5	173.0	0.006	2.37	27.8	10.4	2	7.6	66.2	0.46	1.03	12.5	0.198	2.64
N814794		480	623	160.0	0.004	8.01	101.0	9.7	3	10.3	45.6	0.49	3.57	12.0	0.187	2.49
N814795		180	2.6	3.3	<0.002	0.01	0.40	0.5	2	0.2	41.6	<0.05	<0.05	0.2	0.009	0.02
N814796		580	66.7	114.5	<0.002	0.46	11.20	11.5	2	2.6	222	0.71	0.17	15.0	0.241	1.60
N814797		560	116.5	149.5	<0.002	1.31	3.62	11.2	2	5.6	217	0.68	0.28	13.7	0.235	2.09
N814798		590	60.4	102.0	<0.002	0.22	3.47	10.7	2	2.0	320	0.75	0.11	13.8	0.247	1.37
N814799		560	48.4	103.5	<0.002	0.32	3.92	10.6	2	2.8	302	0.75	0.13	12.5	0.252	1.46
N814800		660	130.5	103.5	<0.002	1.10	41.4	11.4	2	4.6	118.5	0.61	0.57	10.4	0.267	1.66
N814801		570	53.8	97.5	<0.002	1.18	7.87	10.9	2	6.1	240	0.59	0.58	12.6	0.239	1.53
N814802		660	79.5	69.2	<0.002	0.72	39.6	11.3	2	4.0	155.5	0.71	0.49	12.5	0.264	1.45
N814803		430	874	142.0	<0.002	8.07	1240	8.8	4	12.7	48.0	0.35	4.68	10.3	0.140	2.27
N814804		170	3.1	1.8	<0.002	0.01	2.86	0.4	2	<0.2	37.7	<0.05	<0.05	<0.2	<0.005	0.02
N814805		600	52.8	105.0	<0.002	0.54	3.49	11.6	2	3.5	308	0.69	0.24	12.2	0.258	1.57
N814806		660	26.0	103.5	<0.002	0.34	6.04	13.0	2	3.3	376	0.72	0.16	12.2	0.283	1.49
N814807		430	2670	154.5	<0.002	4.48	90.3	9.1	2	8.3	84.4	0.49	0.38	10.9	0.179	2.38
N814808		600	80.8	148.5	<0.002	2.34	7.09	11.7	2	7.7	133.0	0.54	1.67	10.1	0.240	2.68
N814809		630	23.8	89.7	<0.002	0.42	2.56	12.6	2	2.8	382	0.64	0.22	10.5	0.276	1.32
N814810		650	21.7	84.8	<0.002	0.31	3.46	12.1	2	2.3	369	0.66	0.19	12.1	0.281	1.17
N814811		680	21.1	83.8	<0.002	0.33	3.21	12.0	2	2.4	371	0.66	0.28	11.0	0.282	1.16
N814812		590	27.6	54.8	<0.002	0.63	23.4	10.5	1	3.6	93.4	0.66	0.29	9.4	0.255	1.44
N814813		550	17.8	46.6	<0.002	0.23	27.5	9.8	1	3.5	108.5	0.65	0.05	9.4	0.238	1.25
N814814		670	30.9	71.5	<0.002	0.58	8.94	11.8	2	5.5	165.5	0.70	0.25	11.2	0.286	1.42
N814815		500	29.0	109.0	<0.002	1.49	17.90	10.6	2	6.0	150.5	0.88	0.32	12.4	0.230	1.62
N814816		550	18.9	90.8	<0.002	0.48	5.54	9.9	2	3.5	239	0.70	0.16	11.8	0.230	1.19
N814817		590	16.3	61.1	<0.002	0.64	12.50	10.7	2	5.6	89.1	0.73	0.15	12.4	0.245	1.25
N814818		550	27.0	57.8	<0.002	1.62	20.4	10.6	2	6.8	54.6	0.72	0.25	11.6	0.239	1.25
N814819		380	39.4	105.0	<0.002	1.78	46.3	8.9	2	6.8	60.8	0.52	0.45	11.8	0.179	1.52
N814820		430	2780	153.5	<0.002	4.65	88.4	8.8	2	7.9	82.8	0.49	0.36	11.1	0.177	2.37
N814821		590	27.1	92.1	<0.002	0.68	5.52	10.4	1	4.6	232	0.79	0.15	13.3	0.252	1.51
N814822		610	35.4	95.6	<0.002	1.31	3.09	11.0	2	6.2	330	0.76	1.52	15.0	0.248	1.39
N814823		590	88.7	133.5	<0.002	2.63	4.06	10.9	2	8.0	207	0.56	0.51	14.1	0.222	1.64
N814824		530	184.5	108.5	<0.002	3.82	16.85	9.4	2	8.5	157.5	0.51	0.39	13.2	0.182	1.41
N814825		650	50.6	119.5	<0.002	1.06	7.88	11.9	2	5.7	247	0.67	0.25	14.3	0.255	1.62

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001
N814790		2.8	71	2.7	13.5	50	36.6	<1	
N814791		3.3	76	1.6	16.6	37	31.7	<1	
N814792		4.1	72	2.0	15.2	49	32.9	<1	
N814793		6.6	63	5.7	14.8	296	24.8	3	
N814794		4.7	61	4.8	13.4	322	23.7	137	
N814795		0.4	4	0.1	1.0	13	1.1	<1	
N814796		4.2	69	4.2	15.8	75	33.3	<1	
N814797		4.6	67	6.8	15.9	179	32.9	1	
N814798		4.7	69	1.8	15.5	96	38.4	<1	
N814799		4.3	72	1.9	15.3	93	38.6	<1	
N814800		4.7	75	4.1	14.3	363	32.7	2	
N814801		4.1	71	2.6	15.5	94	30.7	2	
N814802		7.9	73	6.3	15.0	161	32.0	2	
N814803		5.6	55	6.2	10.8	535	19.9	233	1.245
N814804		0.6	3	0.1	0.8	13	<0.5	1	
N814805		4.2	73	2.7	15.7	109	31.9	1	
N814806		3.6	79	1.5	17.7	53	29.8	1	
N814807		5.3	56	5.1	10.0	5260	28.6	26	
N814808		4.3	74	3.0	15.4	182	27.1	2	
N814809		3.4	79	1.1	16.4	50	31.2	1	
N814810		4.0	79	1.2	15.9	52	30.4	1	
N814811		3.7	79	1.3	15.9	52	31.8	1	
N814812		4.5	72	3.6	12.3	69	28.4	<1	
N814813		3.7	66	8.0	11.8	43	32.2	1	
N814814		5.3	79	2.6	14.7	62	30.3	1	
N814815		5.3	68	4.4	15.5	65	35.0	1	
N814816		4.0	64	4.1	13.8	33	31.9	1	
N814817		3.7	69	2.6	12.7	48	32.8	1	
N814818		4.9	64	3.1	11.2	63	32.3	1	
N814819		6.1	56	3.9	14.1	81	28.3	1	
N814820		5.3	57	5.1	9.6	5210	28.4	27	
N814821		4.6	68	1.2	14.7	56	33.8	1	
N814822		5.0	66	1.5	15.8	61	34.0	2	
N814823		5.1	63	2.8	15.0	136	28.5	1	
N814824		5.2	63	2.6	13.8	539	25.1	2	
N814825		4.2	69	2.0	15.3	101	32.9	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199401

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12199402

Project: Klaza - 114

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

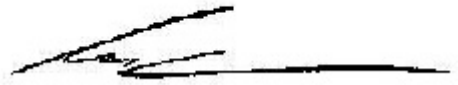
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199402

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814825		Not Recvd														
N814826		3.05	0.238	1.11	5.90	67.8	370	1.19	2.74	1.73	5.78	37.0	30.2	25	10.90	58.9
N814827		6.87	0.051	0.33	7.48	7.7	820	1.63	0.86	2.27	0.81	53.5	7.1	21	10.20	32.9
N814828		0.22	0.772	9.44	6.44	1460	430	1.50	6.57	1.87	38.5	42.0	15.8	20	15.75	108.5
N814829		4.76	0.035	0.22	7.48	9.1	2270	1.63	0.53	2.31	0.33	48.6	7.1	22	14.80	28.1
N814830		3.31	0.065	0.62	7.24	31.5	690	1.41	1.26	3.07	0.49	52.0	11.6	19	20.9	44.3
N814831		5.43	0.116	1.98	7.21	27.6	410	1.65	0.89	2.45	2.98	44.1	8.7	21	16.50	49.6
N814832		3.27	0.061	0.48	7.40	28.6	1810	1.73	0.29	2.54	2.27	45.3	6.9	25	14.25	41.5
N814833		6.13	0.005	0.22	7.40	7.7	2440	1.71	0.32	3.06	0.61	44.6	7.6	19	12.30	11.9
N814834		3.79	0.177	3.30	7.42	290	360	1.58	4.71	2.08	1.83	50.2	7.8	28	18.55	47.0
N814835		5.18	0.168	0.64	7.18	141.0	1900	1.62	0.56	2.71	0.98	43.3	8.0	22	17.35	38.9
N814836		2.93	0.014	0.56	7.54	14.0	2270	1.67	0.76	2.69	1.98	48.8	7.0	23	10.80	38.9
N814837		1.63	0.005	0.38	7.35	12.6	2260	1.67	0.43	2.50	2.25	43.5	7.2	23	12.30	16.4
N814838		4.16	0.054	0.41	7.65	66.2	1580	1.68	0.53	2.44	2.19	53.9	7.6	17	20.6	16.1
N814839		2.95	<0.005	<0.01	0.13	<5	30	0.06	0.02	20.9	0.07	1.32	1.6	<1	0.23	2.4
N814840		2.93	0.009	0.24	8.43	9.8	1590	1.56	0.69	1.73	0.46	57.6	9.9	26	15.65	24.5
N814841		4.19	0.008	0.18	8.55	15.8	1490	1.54	0.53	1.55	0.43	60.7	13.3	17	16.60	30.8
N814842		3.51	<0.005	0.16	8.25	10.1	1650	1.33	0.41	0.89	0.34	59.3	9.1	22	12.05	12.6
N814843		<0.02	0.005	0.16	7.99	9.6	1560	1.18	0.38	0.88	0.31	60.7	8.9	21	12.25	12.7
N814844		7.76	0.319	0.62	8.47	26.7	1930	1.42	1.22	1.07	0.42	56.8	8.7	20	11.50	64.2
N814845		3.07	0.005	0.14	8.32	9.2	2160	1.68	0.33	1.67	0.29	48.3	5.9	14	12.65	17.3
N814846		2.92	0.376	0.65	8.07	30.2	190	1.66	1.71	1.45	0.63	44.8	9.9	15	11.95	39.4
N814847		4.53	0.108	0.47	8.76	26.9	1730	1.35	0.77	1.85	0.54	51.5	13.9	19	15.20	18.0
N814848		2.79	<0.005	0.01	0.13	<5	40	0.05	0.03	21.2	0.05	1.66	1.4	<1	0.54	1.9
N814849		3.13	0.673	22.5	6.71	439	410	1.21	35.8	1.28	10.75	50.8	12.4	22	11.20	314
N814850		6.69	0.102	1.88	7.38	60.1	860	1.57	3.40	1.95	3.05	47.8	13.9	17	18.90	92.3
N814851		5.24	1.315	8.40	6.99	155.5	450	1.48	17.45	1.69	1.86	48.0	9.1	18	17.95	458
N814852		5.25	0.008	0.21	7.76	16.9	1690	1.52	0.32	1.98	0.19	46.5	7.0	23	22.3	13.5
N814853		3.62	0.006	0.17	8.12	9.7	1950	1.72	0.39	2.24	0.23	52.9	9.3	21	21.8	20.1
N814854		3.02	0.017	0.33	7.26	32.7	1320	1.54	0.44	2.91	0.36	46.8	9.8	19	22.4	14.9
N814855		2.30	0.071	0.89	7.33	99.7	980	1.61	1.11	3.65	3.41	48.1	8.9	16	22.6	32.6
N814856		3.27	0.008	0.41	7.84	36.0	1260	1.69	0.42	2.47	1.03	49.6	7.8	15	27.1	17.5
N814857		0.21	0.811	10.90	6.90	1530	530	1.54	7.13	1.97	44.0	42.8	17.4	21	17.30	111.5
N814858		3.36	0.018	0.47	7.97	13.5	3420	1.65	0.67	2.50	0.52	50.6	12.4	23	14.90	68.8
N814859		6.47	0.019	0.78	7.63	16.5	2840	1.47	2.36	2.45	0.81	50.1	11.0	26	15.15	60.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814825																
N814826		6.78	12.75	0.19	0.7	0.118	2.48	21.1	14.3	0.61	441	2.16	0.86	5.1	4.0	470
N814827		3.35	15.10	0.18	1.1	0.042	2.43	30.3	18.1	0.83	389	1.80	2.05	7.8	3.1	600
N814828		5.19	14.35	0.20	1.3	0.879	2.76	23.2	29.1	0.69	1940	14.10	0.26	7.4	16.6	490
N814829		3.13	16.00	0.18	1.2	0.051	2.51	27.1	24.7	0.74	382	2.80	1.62	8.0	3.3	620
N814830		3.86	15.35	0.19	1.1	0.087	2.61	29.0	22.0	0.93	536	5.47	0.38	7.5	3.6	590
N814831		3.72	15.90	0.18	1.2	0.331	2.70	23.2	17.3	0.76	426	6.32	1.30	7.8	3.4	620
N814832		2.96	16.25	0.18	1.3	0.070	2.66	24.0	22.3	0.82	468	9.08	1.62	8.6	3.1	630
N814833		3.37	16.00	0.20	1.2	0.047	2.72	23.0	18.3	0.91	760	1.42	1.97	8.5	3.2	690
N814834		5.76	14.65	0.22	1.1	0.203	3.28	28.7	42.9	0.90	1510	2.52	0.16	7.6	3.2	540
N814835		3.44	15.45	0.18	1.1	0.065	2.99	22.4	14.2	0.83	1940	2.36	1.23	7.7	3.2	620
N814836		3.49	15.90	0.20	1.2	0.072	2.87	26.5	20.0	0.81	779	4.87	1.85	8.1	3.2	640
N814837		3.37	15.75	0.18	1.1	0.073	2.93	23.3	20.0	0.79	765	3.38	1.79	8.1	2.8	630
N814838		3.69	15.55	0.21	1.0	0.074	2.86	31.2	29.9	0.81	1140	16.60	0.87	7.9	3.1	610
N814839		0.51	0.52	0.12	<0.1	<0.005	0.05	0.6	1.4	13.25	220	0.13	0.01	0.3	1.9	230
N814840		3.60	16.60	0.18	1.2	0.043	2.63	31.8	38.6	0.69	469	2.27	0.18	8.6	4.9	670
N814841		3.62	18.55	0.20	1.2	0.054	2.49	34.0	41.1	0.60	455	5.17	0.13	9.7	5.3	800
N814842		3.06	16.50	0.16	1.3	0.037	2.55	33.1	41.7	0.37	491	4.17	0.10	8.6	3.7	670
N814843		2.89	15.85	0.19	1.3	0.036	2.45	34.3	41.2	0.36	473	4.14	0.09	8.4	4.0	640
N814844		3.46	16.40	0.18	1.2	0.060	2.78	31.6	35.6	0.43	526	3.72	0.10	8.3	3.3	650
N814845		2.99	16.40	0.18	1.2	0.044	2.90	27.1	33.6	0.51	370	2.76	0.50	7.9	2.7	610
N814846		4.62	16.05	0.19	1.1	0.071	3.13	23.4	29.4	0.62	382	4.68	0.10	7.0	2.6	600
N814847		3.73	17.40	0.20	1.1	0.051	2.82	28.5	34.0	0.50	433	9.37	0.09	8.6	3.1	690
N814848		0.51	0.52	0.12	<0.1	<0.005	0.05	0.8	1.4	13.15	214	0.17	0.01	0.3	1.0	200
N814849		7.29	14.85	0.19	0.8	0.344	2.57	28.4	28.5	0.61	714	2.41	0.05	5.9	3.9	550
N814850		3.56	15.55	0.15	0.9	0.099	2.69	27.1	38.5	0.76	684	2.01	0.04	6.7	3.3	630
N814851		4.53	14.55	0.17	0.8	0.307	2.37	27.6	47.2	0.69	815	2.84	0.04	6.2	3.2	570
N814852		2.92	15.65	0.14	1.0	0.040	2.36	25.6	48.1	0.70	592	5.93	0.06	8.1	2.7	620
N814853		3.45	16.30	0.16	1.1	0.048	2.56	28.8	34.8	0.76	495	6.64	0.41	8.1	2.9	730
N814854		3.14	15.45	0.16	1.0	0.048	2.56	25.0	49.9	0.91	740	12.50	0.07	8.5	3.2	650
N814855		4.04	14.95	0.19	1.0	0.124	3.03	28.2	11.7	1.41	1440	6.54	0.05	7.2	3.2	570
N814856		3.14	16.25	0.16	1.2	0.055	2.81	26.9	46.3	0.82	687	6.31	0.06	8.5	3.4	650
N814857		5.55	17.50	0.16	1.3	0.963	2.97	22.1	25.0	0.72	2090	13.85	0.27	7.8	16.8	530
N814858		3.32	19.85	0.14	1.1	0.079	2.98	27.2	13.3	0.80	487	3.93	1.93	8.7	4.0	670
N814859		3.19	18.70	0.15	1.0	0.129	2.89	27.2	15.2	0.82	571	6.77	2.02	8.2	3.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814825																
N814826		200	148.0	<0.002	6.22	4.70	8.6	3	5.6	110.5	0.44	1.11	11.2	0.170	2.03	4.6
N814827		45.5	107.5	<0.002	1.59	2.01	11.3	2	3.7	321	0.72	0.29	14.5	0.238	1.25	4.7
N814828		1300	159.5	<0.002	3.03	31.9	9.2	2	5.7	143.0	0.65	0.37	12.4	0.205	2.55	5.3
N814829		29.0	95.1	<0.002	0.93	4.53	11.7	2	2.9	293	0.73	0.16	14.6	0.258	1.24	4.7
N814830		46.7	122.0	<0.002	2.57	10.95	11.5	3	4.7	102.5	0.67	0.31	15.2	0.239	1.73	5.9
N814831		980	117.5	<0.002	2.24	6.57	11.2	2	4.1	292	0.71	0.23	12.3	0.245	1.70	4.4
N814832		52.6	95.8	<0.002	0.36	10.00	11.5	1	3.4	292	0.85	0.07	13.3	0.264	1.41	4.3
N814833		50.0	83.6	<0.002	0.28	2.51	11.8	2	2.1	389	0.74	0.06	12.3	0.270	1.24	3.8
N814834		146.0	191.5	<0.002	3.31	7.76	10.4	2	5.4	82.7	0.68	0.12	15.6	0.229	2.86	5.6
N814835		65.4	115.0	<0.002	0.86	5.42	11.2	1	2.7	234	0.66	<0.05	12.2	0.259	2.29	4.1
N814836		147.5	113.5	<0.002	0.52	4.32	12.0	2	2.3	316	0.69	<0.05	13.8	0.260	1.50	3.8
N814837		178.0	103.5	<0.002	0.56	2.98	11.4	2	2.3	308	0.70	<0.05	12.3	0.261	1.62	3.5
N814838		65.6	133.5	<0.002	1.48	7.44	11.5	2	3.0	173.0	0.67	0.08	15.3	0.253	2.03	7.3
N814839		2.2	1.9	<0.002	<0.01	<0.05	0.4	1	0.2	42.9	<0.05	<0.05	<0.2	0.005	<0.02	0.5
N814840		36.3	115.5	<0.002	1.65	10.50	13.4	4	3.6	85.6	0.78	0.11	16.5	0.283	1.53	6.2
N814841		38.5	115.5	<0.002	0.98	11.35	15.3	2	3.9	80.9	0.80	0.09	15.3	0.322	1.30	9.8
N814842		28.5	110.5	<0.002	0.99	12.65	13.2	2	2.4	62.8	0.78	0.07	17.4	0.278	1.23	7.4
N814843		29.0	107.0	<0.002	0.93	13.00	12.4	2	2.4	60.7	0.77	0.07	16.2	0.266	1.15	7.2
N814844		36.8	127.0	<0.002	1.44	11.10	12.6	2	3.5	66.1	0.76	0.12	16.9	0.266	1.35	7.1
N814845		23.5	112.5	<0.002	0.42	5.42	11.4	2	2.9	128.5	0.78	0.06	15.6	0.252	1.34	4.1
N814846		53.3	156.0	<0.002	3.30	6.13	11.6	2	7.5	95.0	0.69	0.26	15.5	0.227	1.82	5.2
N814847		50.2	115.5	<0.002	1.75	9.75	13.8	2	3.5	87.1	0.73	0.12	15.0	0.284	1.49	6.6
N814848		1.6	3.2	<0.002	0.02	0.07	0.4	2	<0.2	40.1	<0.05	<0.05	0.4	<0.005	0.03	2.0
N814849		944	164.0	<0.002	6.47	88.1	10.6	2	5.2	56.9	0.50	0.55	12.3	0.198	2.05	4.6
N814850		95.0	139.5	<0.002	2.17	37.8	11.5	2	3.5	67.1	0.58	0.35	13.8	0.221	2.44	5.7
N814851		89.5	134.5	<0.002	2.48	131.0	11.4	2	5.0	65.8	0.53	0.35	12.7	0.224	2.25	5.2
N814852		16.6	88.4	<0.002	0.48	11.70	11.2	1	2.0	68.2	0.71	0.05	13.4	0.268	1.54	3.7
N814853		18.5	101.5	<0.002	0.63	8.89	13.5	2	2.1	160.0	0.66	0.07	12.6	0.300	1.45	3.8
N814854		30.5	85.3	<0.002	0.94	9.45	12.7	2	2.6	96.4	0.72	0.09	12.2	0.287	2.00	6.2
N814855		123.0	151.5	<0.002	1.71	13.55	11.8	2	4.5	70.4	0.62	0.11	13.7	0.245	2.69	8.9
N814856		51.2	105.5	<0.002	0.94	10.65	11.8	2	3.0	78.8	0.76	0.07	13.2	0.272	2.39	4.2
N814857		1435	172.0	<0.002	3.23	35.5	9.6	2	6.2	155.0	0.64	0.28	12.2	0.220	2.55	5.3
N814858		36.0	123.0	<0.002	0.72	5.09	12.9	2	3.6	375	0.69	0.13	13.2	0.275	1.50	4.5
N814859		61.9	126.5	<0.002	0.87	2.12	11.6	1	3.3	366	0.66	0.20	13.2	0.262	1.49	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 114

CERTIFICATE OF ANALYSIS WH12199402

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814825							
N814826		58	3.5	14.0	404	23.3	2
N814827		71	1.3	16.9	74	32.4	1
N814828		57	5.1	11.4	2970	41.3	11
N814829		73	1.0	15.8	53	36.8	1
N814830		67	2.7	15.9	62	33.0	1
N814831		71	1.8	15.1	228	36.3	2
N814832		73	1.2	15.9	146	40.2	1
N814833		77	1.0	17.9	72	35.3	<1
N814834		64	5.0	13.2	211	33.6	3
N814835		73	5.6	14.7	115	33.6	2
N814836		73	2.0	17.0	214	35.7	1
N814837		73	1.9	15.1	226	32.6	1
N814838		70	4.4	15.9	209	32.7	1
N814839		3	0.1	0.9	15	0.5	<1
N814840		78	3.3	17.5	64	35.6	1
N814841		89	3.5	19.6	90	40.3	<1
N814842		76	3.0	17.0	76	37.8	<1
N814843		72	2.9	16.8	74	37.5	<1
N814844		71	4.2	16.6	69	36.5	<1
N814845		69	5.3	14.3	54	37.4	<1
N814846		69	5.6	17.3	71	33.3	<1
N814847		81	5.5	17.4	69	35.5	<1
N814848		2	0.1	1.2	13	0.5	<1
N814849		62	3.2	15.5	900	26.3	22
N814850		65	4.2	15.0	275	28.4	2
N814851		65	4.0	13.3	222	25.0	8
N814852		73	4.3	13.4	43	31.4	<1
N814853		88	2.4	16.8	48	35.3	1
N814854		81	3.4	14.8	76	31.7	<1
N814855		72	4.4	14.5	329	29.3	1
N814856		74	2.3	15.9	112	35.3	1
N814857		60	5.5	11.8	3190	38.7	9
N814858		78	3.9	17.1	69	32.3	<1
N814859		73	1.5	15.3	103	30.4	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 114

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12199402

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

CERTIFICATE WH12200378

Project: Klaza - 112

P.O. No.: Batch 6

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

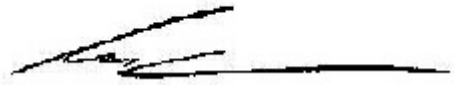
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200378

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354115		4.09	<0.005	0.15	7.28	6.5	2120	1.60	0.41	2.73	0.12	43.6	9.3	9	17.80	3.7
M354116		Not Recvd														
M354117		4.20	<0.005	0.14	7.17	6.5	2100	1.65	0.77	2.31	0.07	45.3	7.7	8	11.45	4.0
M354118		0.21	2.37	23.4	5.36	3200	1360	1.24	17.70	2.04	77.4	45.8	10.0	16	15.20	416
M354119		6.41	<0.005	0.27	7.43	11.1	2230	1.52	0.23	2.64	0.21	46.5	9.2	10	8.74	3.4
M354120		5.90	<0.005	0.15	7.08	13.1	2170	1.39	0.21	2.93	0.12	48.0	7.8	11	9.29	2.6
M354121		2.56	<0.005	0.20	7.47	56.0	1050	1.40	0.64	2.90	0.13	37.2	8.2	8	10.45	2.4
M354122		2.63	0.011	1.84	6.55	18.3	860	1.18	3.87	6.95	3.78	141.5	9.0	5	13.30	4.3
M354123		2.41	<0.005	0.01	0.11	<5	20	0.08	0.05	21.0	0.08	1.58	1.5	<1	0.37	2.4
M354124		4.21	<0.005	0.16	6.94	13.1	430	1.20	0.44	2.99	0.26	37.5	5.0	8	9.04	6.3
M354125		3.79	<0.005	0.16	7.52	11.7	780	1.17	0.32	2.18	0.10	48.8	6.2	8	8.34	2.5
M354126		3.85	<0.005	0.16	8.26	8.8	1770	1.31	0.23	2.02	0.08	48.7	7.6	9	8.35	2.7
M354127		2.97	<0.005	0.17	6.61	13.7	440	1.17	0.52	3.97	0.17	37.9	6.8	8	13.05	3.2
M354128		4.77	<0.005	0.17	7.83	11.2	490	1.59	0.32	2.65	0.19	43.9	6.0	9	13.95	2.1
M354129		0.24	4.42	>100	5.41	8290	1080	1.27	62.1	1.97	230	38.8	9.4	17	12.05	1315
M354130		3.10	<0.005	0.14	6.73	11.9	1340	1.10	0.15	3.22	0.26	35.6	3.5	9	13.45	2.5
M354131		3.61	<0.005	0.13	6.31	16.4	610	1.17	0.29	2.59	0.13	35.2	6.4	9	11.90	1.9
M354132		2.89	<0.005	0.15	6.51	13.8	840	1.20	0.32	2.39	0.18	30.8	5.6	8	8.36	4.5
M354133		2.72	<0.005	0.16	6.32	9.6	1680	1.27	0.21	2.73	0.16	28.6	4.5	7	9.68	10.9
M354134		2.58	0.006	0.37	6.70	29.7	2080	1.41	0.45	2.49	0.31	37.0	8.3	8	9.34	11.7
M354135		2.48	<0.005	0.18	7.46	14.9	1010	1.48	0.42	1.47	0.14	45.0	5.3	8	14.35	3.6
M354136		4.25	<0.005	0.32	5.08	16.0	610	1.28	0.70	5.18	0.27	42.4	5.2	4	11.15	5.4
M354137		3.52	<0.005	0.52	3.71	17	580	1.01	0.79	11.80	0.35	41.3	6.6	3	16.15	9.3
M354138		3.76	0.006	0.82	4.38	19.1	710	1.33	0.97	7.41	1.04	54.5	15.5	3	30.3	3.0
M354139		2.64	0.008	0.78	2.78	31	500	0.81	0.44	13.90	4.08	28.3	6.3	<1	16.85	8.5
M354140		2.19	<0.005	0.01	0.13	<5	30	0.08	0.03	20.9	0.07	2.06	1.7	<1	0.54	4.0
M354141		4.36	<0.005	0.35	3.22	6	600	0.97	0.44	13.25	0.56	32.4	5.7	1	12.60	2.7
M354142		3.76	<0.005	0.37	4.72	13	1040	0.89	0.42	12.10	0.17	41.5	5.5	1	13.10	2.7
M354143		2.76	0.005	0.35	6.54	15.3	1800	1.44	0.92	4.44	0.14	61.9	22.8	5	10.65	3.5
M354144		3.09	<0.005	0.10	7.19	9.7	1140	1.44	0.22	2.43	0.07	38.7	3.9	8	9.25	4.4
M354145		2.37	<0.005	0.07	7.12	7.0	1740	0.91	0.09	1.90	0.10	30.5	4.2	8	8.78	3.5
M354146		5.74	<0.005	0.14	7.56	4.6	1890	1.21	0.08	2.73	1.29	38.4	6.4	9	8.97	22.1
M354147		<0.02	<0.005	0.17	7.56	5.1	1890	1.28	0.09	2.70	1.31	38.5	6.8	8	8.72	26.6
M354148		3.49	<0.005	0.09	7.48	6.1	1750	1.06	0.29	3.62	0.10	37.0	5.8	9	7.93	1.4
M354149		3.04	<0.005	0.08	7.28	6.2	1740	1.32	0.08	2.63	0.11	38.7	6.5	7	10.55	2.8
M354150		1.77	<0.005	0.10	7.35	5.9	1720	1.15	0.08	2.54	0.09	41.6	6.6	8	10.65	3.8
M354151		3.26	<0.005	0.06	7.28	2.9	1980	1.24	0.06	2.43	0.08	37.4	7.6	8	9.36	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200378

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354115		3.10	16.50	0.14	1.5	0.053	2.44	20.0	19.7	0.75	516	1.16	1.92	8.1	2.8	640
M354116																
M354117		3.07	15.75	0.14	1.4	0.045	2.40	20.7	14.5	0.79	534	1.75	2.15	8.1	2.7	690
M354118		6.18	12.75	0.20	0.9	1.680	2.39	23.0	24.0	0.84	1780	12.65	0.04	5.3	14.1	420
M354119		3.12	15.65	0.15	1.5	0.047	2.57	21.6	15.7	0.88	556	0.49	2.26	7.5	2.6	630
M354120		3.04	15.80	0.15	1.4	0.051	2.43	21.3	13.8	0.85	639	0.48	2.42	7.8	2.6	620
M354121		4.14	16.40	0.16	1.2	0.081	1.39	16.7	25.3	0.78	557	0.42	1.41	8.3	2.7	680
M354122		4.28	16.90	0.24	1.1	0.533	2.09	85.7	26.7	1.32	4380	1.17	0.42	6.4	2.6	530
M354123		0.49	0.32	0.06	<0.1	0.005	0.05	0.7	1.7	13.05	215	0.09	0.01	0.4	2.9	190
M354124		3.33	16.40	0.14	1.4	0.094	1.31	17.3	36.5	0.62	867	0.22	0.11	8.1	2.2	630
M354125		3.02	16.40	0.14	1.5	0.075	1.16	22.0	38.1	0.79	544	0.41	0.05	9.1	3.0	680
M354126		3.07	17.90	0.16	1.8	0.066	1.93	21.6	37.1	0.77	518	0.48	0.10	9.8	3.2	720
M354127		2.41	17.05	0.12	1.2	0.124	1.01	17.6	35.6	0.49	489	0.28	0.14	8.3	2.0	660
M354128		4.42	17.10	0.16	1.3	0.078	1.08	19.7	30.3	0.73	462	0.32	0.74	8.5	3.0	690
M354129		8.21	12.50	0.24	1.1	4.79	2.31	18.7	34.5	0.63	3130	15.05	0.09	5.3	13.9	460
M354130		2.56	16.20	0.12	1.4	0.052	1.95	15.4	30.2	0.54	464	0.51	0.11	7.4	1.6	630
M354131		2.16	16.40	0.12	1.4	0.068	1.12	16.3	28.8	0.30	497	0.45	0.05	8.1	1.7	620
M354132		2.31	16.35	0.12	1.3	0.075	1.20	13.8	33.2	0.26	531	0.91	0.11	8.0	1.6	610
M354133		2.73	15.60	0.13	1.4	0.057	2.14	11.2	24.0	0.34	421	0.76	0.54	8.0	1.8	580
M354134		2.67	14.80	0.13	1.5	0.105	2.19	16.7	22.0	0.63	1080	1.14	0.42	7.9	2.2	520
M354135		3.14	15.70	0.14	1.4	0.091	1.59	21.4	38.8	0.53	727	0.50	0.08	7.7	2.1	610
M354136		2.27	11.35	0.14	0.8	0.187	1.27	22.8	96.4	0.92	939	0.37	0.11	5.0	2.1	390
M354137		2.25	8.64	0.12	0.6	0.150	1.15	23.2	55.9	1.02	2120	0.31	0.08	3.5	1.7	280
M354138		2.47	10.10	0.14	0.8	0.135	1.57	28.8	36.7	1.33	1260	0.55	0.07	4.4	2.5	320
M354139		2.14	6.19	0.09	0.4	0.330	0.93	15.2	51.4	0.80	2810	0.37	0.05	2.6	1.1	200
M354140		0.51	0.37	0.07	<0.1	0.006	0.06	0.9	1.8	12.90	237	0.17	0.01	0.4	3.4	220
M354141		2.05	7.78	0.12	0.5	0.145	1.05	19.6	59.3	0.95	1980	0.35	0.06	3.3	2.1	230
M354142		1.86	11.70	0.11	0.7	0.116	1.25	25.0	66.8	0.62	1350	0.28	0.09	5.4	2.0	340
M354143		2.83	15.05	0.18	0.9	0.137	2.09	37.0	95.8	1.31	881	0.18	0.14	7.5	2.5	470
M354144		3.28	19.60	0.14	1.2	0.107	1.74	19.0	26.2	0.63	464	0.29	1.20	9.7	2.6	590
M354145		2.54	17.75	0.13	1.2	0.049	2.34	15.0	19.8	0.42	334	0.34	0.40	9.2	1.8	610
M354146		3.24	16.65	0.13	1.1	0.052	2.44	20.1	9.8	0.76	654	0.31	1.96	8.5	2.6	580
M354147		3.22	17.00	0.15	1.2	0.050	2.40	20.1	9.8	0.76	653	0.31	1.92	8.6	2.8	580
M354148		2.87	17.20	0.15	1.4	0.045	2.25	18.9	34.4	0.73	566	0.24	0.15	9.1	3.0	630
M354149		3.57	16.90	0.15	1.1	0.041	2.32	19.9	14.3	0.76	541	0.30	1.83	8.7	2.8	580
M354150		3.53	16.70	0.16	1.1	0.038	2.34	22.1	15.9	0.73	514	0.32	1.54	8.6	2.8	560
M354151		3.16	16.65	0.14	1.1	0.033	2.41	19.1	13.0	0.78	485	0.36	2.13	8.6	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 112

Finalized Date: 16-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12200378

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354115		14.8	90.3	<0.002	0.03	4.04	10.6	1	1.9	457	0.64	0.35	10.2	0.280	0.94	3.3
M354116																
M354117		14.5	90.6	<0.002	0.02	3.55	11.1	1	1.7	472	0.65	0.72	11.9	0.286	0.99	3.6
M354118		2700	159.0	<0.002	4.50	89.7	7.4	2	7.2	84.7	0.40	0.47	9.5	0.168	2.01	4.5
M354119		20.0	91.2	<0.002	0.04	2.02	10.7	2	1.5	468	0.61	0.11	11.7	0.276	0.98	3.3
M354120		15.7	83.5	<0.002	0.02	1.81	10.6	2	1.6	487	0.61	0.11	10.6	0.270	0.94	3.1
M354121		10.9	56.4	<0.002	0.13	4.73	11.5	2	2.7	340	0.63	0.32	11.9	0.294	0.75	3.8
M354122		121.5	147.5	<0.002	0.65	10.40	9.7	2	5.8	271	0.53	1.26	12.1	0.228	1.80	7.2
M354123		1.7	2.5	<0.002	<0.01	0.06	0.4	1	<0.2	42.5	<0.05	<0.05	0.2	0.005	0.02	0.6
M354124		11.4	61.8	<0.002	0.22	13.30	10.2	1	2.8	121.5	0.65	0.07	11.3	0.276	1.05	3.1
M354125		12.1	36.3	<0.002	0.18	10.50	11.5	2	2.3	135.5	0.77	0.07	12.0	0.291	0.73	3.2
M354126		15.5	57.7	<0.002	0.11	9.04	12.0	1	2.2	180.0	0.90	0.06	13.1	0.318	0.88	3.9
M354127		15.0	44.2	<0.002	0.16	27.4	10.2	2	2.7	180.5	0.62	0.07	10.7	0.290	0.83	2.8
M354128		15.0	42.5	<0.002	0.10	7.97	12.1	2	2.4	247	0.66	0.05	11.8	0.308	0.80	3.5
M354129		10000	140.5	0.002	7.23	228	7.5	4	8.1	121.5	0.39	0.52	9.0	0.188	2.13	5.1
M354130		19.7	54.1	<0.002	0.03	18.65	10.4	1	1.6	149.5	0.58	<0.05	9.7	0.282	0.87	2.3
M354131		12.8	47.9	<0.002	0.15	18.95	9.9	1	2.0	96.8	0.66	<0.05	10.7	0.282	0.76	2.7
M354132		14.4	45.2	<0.002	0.17	19.40	9.8	1	2.0	98.0	0.66	<0.05	9.3	0.271	0.74	2.5
M354133		17.5	62.8	<0.002	0.06	12.15	9.0	1	2.0	197.5	0.68	<0.05	8.7	0.257	1.00	2.9
M354134		24.7	92.1	<0.002	0.56	9.37	9.5	1	2.4	122.0	0.83	0.11	13.8	0.232	1.45	4.2
M354135		10.9	65.8	<0.002	0.19	15.55	11.7	1	2.2	82.2	0.71	0.06	13.3	0.263	0.88	3.0
M354136		12.4	78.7	<0.002	0.27	32.5	7.9	2	2.6	196.5	0.37	0.12	9.0	0.169	1.27	3.0
M354137		34.8	73.2	<0.002	0.38	27.3	6.0	1	2.7	338	0.27	0.14	6.6	0.120	1.02	2.7
M354138		71.6	105.0	<0.002	0.52	25.4	7.0	2	1.8	228	0.34	0.31	8.1	0.142	1.31	5.8
M354139		105.5	61.1	<0.002	0.41	37.9	4.2	1	1.9	408	0.20	0.10	4.7	0.083	0.74	2.5
M354140		1.6	3.1	<0.002	<0.01	0.13	0.5	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	0.02	0.5
M354141		25.3	69.3	<0.002	0.22	30.8	5.8	1	1.7	395	0.28	0.07	5.8	0.096	1.05	2.1
M354142		20.2	74.1	<0.002	0.26	17.05	8.1	1	2.3	357	0.38	0.06	9.7	0.153	1.26	2.7
M354143		8.1	115.0	<0.002	0.63	9.71	10.5	1	3.1	159.5	0.52	0.27	13.2	0.207	1.56	3.0
M354144		8.3	65.3	<0.002	0.06	5.00	12.0	1	3.0	179.5	0.71	<0.05	11.9	0.282	1.12	2.7
M354145		13.5	66.6	<0.002	0.03	10.10	10.6	1	1.9	143.5	0.65	<0.05	10.1	0.279	0.92	2.2
M354146		72.5	78.9	<0.002	0.04	2.08	11.1	1	1.6	361	0.62	<0.05	12.3	0.266	0.97	3.7
M354147		70.9	80.3	<0.002	0.05	2.10	11.4	1	1.6	357	0.58	<0.05	12.3	0.267	0.93	3.7
M354148		15.3	55.5	<0.002	0.01	6.94	11.2	1	1.8	203	0.65	0.10	11.4	0.293	0.94	2.9
M354149		19.7	73.9	<0.002	0.01	2.48	11.5	1	1.6	358	0.58	<0.05	12.0	0.269	0.96	3.8
M354150		19.2	75.6	<0.002	0.01	2.74	11.3	1	1.8	322	0.61	<0.05	12.6	0.273	0.93	3.6
M354151		15.7	77.0	<0.002	0.01	1.84	10.9	1	1.6	376	0.61	<0.05	11.9	0.255	0.90	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200378

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M354115		79	1.7	13.6	46	30.7	<1		
M354116									
M354117		84	1.1	13.2	44	29.2	<1		
M354118		53	4.7	8.9	5130	22.8	24		
M354119		78	1.6	14.1	55	29.0	<1		
M354120		77	0.8	14.8	47	29.7	<1		
M354121		83	2.2	13.6	55	27.6	<1		
M354122		96	2.3	24.2	219	22.7	2		
M354123		3	0.1	0.8	16	0.5	<1		
M354124		76	3.1	13.1	66	29.9	<1		
M354125		80	5.8	13.9	47	32.2	<1		
M354126		85	6.0	14.8	46	36.3	<1		
M354127		78	4.0	13.7	47	27.5	<1		
M354128		83	3.1	13.2	56	28.3	<1		
M354129		54	4.4	8.9	>10000	30.5	112	0.948	1.595
M354130		82	5.2	12.2	55	29.8	<1		
M354131		76	3.4	10.8	45	30.5	<1		
M354132		75	2.4	11.0	59	29.7	<1		
M354133		72	2.1	10.6	47	30.2	<1		
M354134		66	2.5	11.8	52	31.1	<1		
M354135		77	3.5	14.0	56	28.3	<1		
M354136		54	2.1	13.7	54	17.9	<1		
M354137		46	1.7	21.2	49	14.3	<1		
M354138		51	1.9	16.6	115	18.2	<1		
M354139		31	1.3	21.0	363	10.8	<1		
M354140		4	0.1	1.0	15	0.5	<1		
M354141		37	1.7	22.4	66	11.4	1		
M354142		47	1.9	24.7	42	18.6	1		
M354143		59	2.7	15.9	46	25.0	1		
M354144		77	2.7	12.7	50	31.3	1		
M354145		75	4.4	11.8	37	32.8	<1		
M354146		73	1.3	15.1	140	29.3	1		
M354147		71	1.1	15.4	139	30.3	1		
M354148		75	3.8	15.0	48	34.3	<1		
M354149		72	1.1	15.1	50	30.5	1		
M354150		72	1.6	14.5	51	28.0	1		
M354151		69	0.7	14.5	43	28.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200378

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12200379

Project: Klaza - 112

P.O. No.: Batch 7

This report is for 5 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

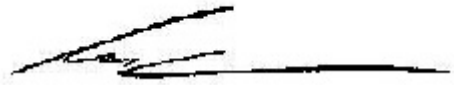
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200379

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354152		3.04	<0.005	1.05	7.85	3.2	2060	1.35	0.08	2.02	0.06	44.1	8.5	20	8.76	11.0
M354153		3.35	<0.005	0.06	7.75	3.2	2180	1.48	0.07	1.66	0.10	49.6	7.6	34	7.99	2.5
M354154		2.76	<0.005	0.04	7.59	2.8	2030	1.56	0.07	2.27	0.08	44.4	7.2	17	8.16	3.1
M354155		2.56	<0.005	0.01	0.12	<5	30	0.10	0.02	21.4	0.06	1.74	1.2	<1	0.37	1.8
M354156		3.50	<0.005	0.18	7.59	2.8	1850	1.74	0.08	2.46	0.21	45.2	9.0	19	9.32	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200379

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354152		2.88	16.45	0.12	1.5	0.046	2.63	21.8	40.3	0.71	526	1.35	0.26	9.5	3.5	630
M354153		3.05	16.45	0.13	1.5	0.046	2.54	25.8	31.9	0.82	457	2.32	0.81	9.7	3.4	610
M354154		2.98	16.45	0.12	1.3	0.044	2.50	22.2	22.2	0.76	504	1.06	1.62	9.1	3.0	600
M354155		0.52	0.42	0.05	<0.1	<0.005	0.05	0.9	1.6	13.00	230	0.23	0.01	0.5	1.4	220
M354156		3.16	17.00	0.14	1.3	0.048	2.24	22.6	25.2	0.82	615	1.31	1.49	9.3	3.3	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200379

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354152		16.3	84.0	<0.002	0.02	6.98	11.0	1	2.8	190.5	0.74	<0.05	13.1	0.282	0.96	3.6
M354153		14.9	96.0	<0.002	0.01	5.04	11.7	1	1.8	270	0.70	<0.05	14.3	0.275	0.91	4.0
M354154		16.3	85.6	<0.002	0.01	4.23	11.9	1	1.8	352	0.67	<0.05	13.9	0.266	0.85	4.1
M354155		1.3	2.6	<0.002	<0.01	0.23	0.3	1	0.3	45.6	<0.05	<0.05	0.2	0.005	0.02	0.5
M354156		25.4	85.1	<0.002	0.02	6.58	13.2	1	1.9	353	0.65	<0.05	13.3	0.278	0.92	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200379

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M354152		76	8.2	14.2	43	37.6	<1
M354153		75	3.9	14.3	46	38.9	<1
M354154		74	1.9	14.7	43	36.0	<1
M354155		2	0.1	1.0	13	0.7	<1
M354156		81	3.1	15.6	57	37.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 112

CERTIFICATE OF ANALYSIS WH12200379

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201230

Project: Klaza - 113

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

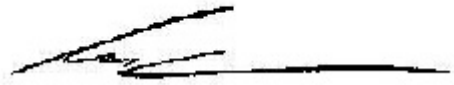
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201230

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359122		4.30	<0.005	0.17	6.85	10.3	1630	1.57	0.29	2.41	0.15	43.2	6.2	7	12.55	10.3
M359123		2.38	0.053	0.97	6.55	222	1660	1.46	0.88	2.15	0.81	36.7	8.9	7	11.45	23.8
M359124		3.16	<0.005	0.07	0.08	<5	20	0.05	0.04	20.5	0.08	1.32	0.7	<1	0.38	2.7
M359125		2.23	0.011	0.45	7.09	104.5	1970	1.70	0.61	2.74	0.48	49.9	7.7	8	15.30	10.3
M359126		3.63	0.008	0.34	6.58	51.4	1790	1.59	0.65	2.21	1.07	38.0	7.0	7	13.70	8.6
M359127		4.00	<0.005	0.13	7.14	6.4	2020	1.47	0.21	2.32	0.13	43.1	7.4	7	10.65	12.3
M359128		1.65	<0.005	0.13	7.34	7.3	2220	1.70	0.23	2.63	0.35	48.8	7.6	6	11.15	15.1
M359129		3.59	<0.005	0.18	7.14	6.9	2190	1.49	0.28	2.01	0.36	45.3	7.3	6	10.60	8.8
M359130		5.20	<0.005	0.09	7.68	5.4	2300	1.68	0.23	2.68	0.12	48.9	7.0	9	13.95	8.9
M359131		3.98	0.010	0.25	7.36	132.5	1170	1.54	0.20	1.40	0.50	41.8	7.6	7	14.30	6.6
M359132		2.82	0.035	0.53	7.30	323	1840	1.36	0.28	1.19	0.92	46.8	7.5	7	14.40	10.5
M359133		2.86	<0.005	0.06	0.11	<5	20	<0.05	0.04	21.5	0.06	1.20	0.8	<1	0.69	1.8
M359134		4.81	<0.005	0.12	7.38	7.6	2060	1.80	0.22	2.12	0.08	44.5	7.3	7	12.25	8.4
M359135		2.25	<0.005	0.13	8.36	5.9	1990	1.36	0.30	0.65	0.13	53.5	6.6	8	13.45	10.4
M359136		7.01	<0.005	0.08	7.43	4.0	2230	1.80	0.16	2.57	0.12	45.6	7.4	9	10.15	5.3
M359137		0.25	0.748	9.96	6.67	1530	1080	1.48	5.87	1.86	41.0	43.6	16.7	20	14.85	103.0
M359138		3.51	<0.005	0.29	7.71	5.6	1970	1.33	0.23	1.70	0.17	55.8	7.6	8	13.10	5.3
M359139		4.96	<0.005	0.14	7.54	4.4	2190	1.71	0.21	2.16	0.13	47.5	7.5	8	12.15	6.4
M359140		2.39	<0.005	0.15	7.93	9.1	1730	1.34	0.28	1.18	0.15	55.4	7.8	7	11.35	8.3
M359141		2.77	<0.005	0.13	7.63	4.6	2210	1.69	0.28	2.36	0.13	45.1	7.8	8	11.95	14.2
M359142		5.58	<0.005	0.08	7.56	4.6	2340	1.65	0.19	2.66	0.13	48.6	7.5	11	7.59	19.2
M359143		4.38	<0.005	0.09	7.45	4.3	2160	1.75	0.38	2.20	0.11	47.6	7.5	9	12.40	11.7
M359144		5.33	<0.005	0.08	7.45	4.3	2180	1.60	0.23	2.60	0.08	50.6	7.6	12	7.58	12.6
M359145		2.10	<0.005	0.11	7.70	4.7	2050	1.30	0.78	1.56	0.11	52.0	7.8	7	14.25	25.5
M359146		5.21	<0.005	0.07	7.39	3.2	2200	1.58	0.28	2.50	0.08	46.7	7.3	8	9.10	13.1
M359147		2.57	<0.005	0.09	7.80	5.3	2310	1.59	0.45	2.04	0.13	54.5	8.0	13	10.50	9.3
M359148		0.25	0.818	10.30	6.64	1510	1420	1.69	5.98	1.85	41.4	45.0	17.5	19	15.30	105.5
M359149		3.45														
M359150		3.20	<0.005	0.34	7.86	9.5	1920	1.14	0.32	1.11	0.21	57.6	7.2	7	14.05	16.1
M359151		2.53	<0.005	0.13	8.00	5.8	2110	1.35	0.37	1.38	0.13	52.9	7.1	7	11.90	16.2
M359152		2.99	<0.005	0.13	7.98	3.8	2250	1.75	0.35	2.16	0.14	59.1	7.8	8	10.60	17.0
M359153		<0.02	<0.005	0.12	7.55	3.6	2110	1.52	0.46	2.08	0.12	51.2	7.2	7	9.65	15.3
M359154		3.38	<0.005	0.11	7.31	5.8	2250	1.38	0.30	2.15	0.18	45.8	7.3	8	11.20	15.9
M359155		2.82	<0.005	0.10	7.13	3.6	2200	1.81	0.34	2.50	0.13	43.3	7.8	8	10.95	15.9
M359156		2.74	<0.005	0.10	6.97	9.9	1760	1.55	0.28	3.09	0.12	41.5	7.0	7	18.05	15.4
M359157		2.90	<0.005	0.09	7.31	4.3	2160	1.63	0.29	2.69	0.15	45.6	7.4	9	11.80	12.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359122		2.79	15.70	0.12	1.4	0.038	3.12	21.8	32.4	0.44	1060	1.76	0.63	7.4	3.1	520
M359123		3.66	16.00	0.13	1.2	0.069	3.20	17.9	25.1	0.44	5830	1.46	0.30	7.3	2.6	520
M359124		0.50	0.24	0.11	<0.1	0.006	0.04	0.7	1.2	12.25	235	0.14	<0.01	0.1	2.9	160
M359125		3.11	16.75	0.15	1.4	0.042	3.21	22.8	15.9	0.48	2830	1.46	1.35	8.1	2.8	570
M359126		2.97	17.00	0.13	1.4	0.047	3.19	18.3	18.9	0.46	3090	1.67	0.52	8.0	2.8	530
M359127		2.86	16.85	0.13	1.4	0.040	2.70	22.5	19.2	0.56	950	1.68	1.42	8.0	2.5	620
M359128		3.14	17.55	0.14	1.5	0.044	2.86	23.2	15.0	0.65	1300	1.84	1.72	8.1	2.6	670
M359129		3.02	16.45	0.15	1.5	0.039	2.92	22.1	19.1	0.40	2100	1.18	0.81	7.7	2.5	570
M359130		2.91	17.50	0.14	1.6	0.035	2.77	25.5	26.4	0.56	754	1.21	2.08	8.2	2.5	590
M359131		2.90	17.00	0.14	1.6	0.060	3.19	21.3	38.6	0.32	2390	1.37	0.07	8.2	2.9	550
M359132		3.45	17.15	0.15	1.6	0.079	3.01	24.3	25.7	0.34	2800	1.67	0.10	7.9	2.8	530
M359133		0.53	0.35	0.12	<0.1	0.006	0.05	0.6	1.3	12.90	246	0.19	0.01	0.1	3.0	150
M359134		2.92	17.20	0.14	1.7	0.037	2.73	23.2	20.4	0.43	696	1.16	1.33	8.3	2.6	570
M359135		2.90	19.50	0.15	2.0	0.041	2.85	29.9	41.1	0.19	694	1.39	0.20	10.2	2.8	660
M359136		3.02	17.15	0.16	1.5	0.043	2.54	21.8	15.6	0.78	637	0.89	2.41	8.5	2.9	590
M359137		5.21	15.50	0.13	1.3	0.842	2.79	23.7	23.3	0.68	1940	12.60	0.27	7.3	14.7	480
M359138		2.84	18.35	0.18	1.5	0.044	2.63	30.4	25.6	0.39	724	1.44	0.88	8.7	2.7	610
M359139		3.05	17.35	0.13	1.5	0.039	2.68	24.5	19.1	0.61	627	0.92	2.06	8.3	2.6	610
M359140		3.09	18.40	0.14	1.4	0.039	2.74	31.7	21.5	0.39	1330	1.16	1.00	8.3	2.7	590
M359141		3.08	17.65	0.15	1.5	0.038	2.51	24.2	18.7	0.67	621	1.14	2.25	8.1	3.1	590
M359142		3.11	17.05	0.15	1.6	0.036	2.68	23.8	17.0	0.83	682	1.01	2.51	8.1	3.0	620
M359143		2.95	17.45	0.17	1.5	0.040	2.66	25.0	19.7	0.57	618	1.30	1.91	8.4	2.8	560
M359144		2.84	17.40	0.16	1.6	0.035	2.65	25.4	19.8	0.77	629	1.01	2.40	8.6	2.7	560
M359145		2.99	17.60	0.15	1.5	0.037	2.73	27.9	30.0	0.42	730	1.15	0.78	8.3	2.7	580
M359146		2.86	17.20	0.14	1.7	0.037	2.60	24.7	19.8	0.71	602	2.12	2.19	8.3	2.7	580
M359147		3.10	18.55	0.17	1.7	0.032	2.76	28.6	25.3	0.61	747	1.49	1.49	9.2	3.1	600
M359148		5.15	16.10	0.14	1.3	0.882	2.80	24.8	23.4	0.67	1940	12.60	0.26	7.6	15.2	470
M359149																
M359150		2.81	18.75	0.16	1.8	0.044	2.73	32.6	35.9	0.35	954	1.57	0.43	9.1	2.7	600
M359151		2.86	17.60	0.15	1.7	0.033	2.68	29.2	26.6	0.42	617	1.85	0.82	8.3	2.4	600
M359152		3.01	18.20	0.15	1.6	0.047	2.81	29.8	20.3	0.63	683	1.54	1.85	9.1	2.7	590
M359153		2.81	17.15	0.15	1.6	0.037	2.69	26.6	19.0	0.58	653	1.16	1.73	8.2	2.6	550
M359154		2.85	17.05	0.16	1.5	0.038	2.79	22.4	18.2	0.58	981	1.08	1.57	8.2	2.6	570
M359155		2.91	17.25	0.13	1.5	0.045	2.52	21.2	13.6	0.72	665	1.25	2.34	8.4	2.6	570
M359156		2.72	15.90	0.14	1.6	0.037	2.52	21.2	53.1	0.84	650	1.19	0.48	8.0	2.3	540
M359157		2.92	17.25	0.17	1.7	0.042	2.70	22.6	13.5	0.73	683	1.39	2.26	8.8	2.6	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359122		17.4	132.5	0.003	0.02	11.20	8.5	1	1.8	124.0	0.65	<0.05	13.3	0.242	1.90	3.1
M359123		48.9	144.0	0.002	0.68	25.5	9.1	<1	1.8	91.9	0.57	<0.05	10.6	0.235	2.10	3.7
M359124		1.6	2.9	<0.002	<0.01	0.15	0.5	1	<0.2	38.3	<0.05	<0.05	<0.2	<0.005	0.05	0.5
M359125		26.1	155.0	<0.002	0.28	9.24	10.4	<1	2.1	242	0.66	<0.05	13.0	0.272	2.06	3.3
M359126		43.6	148.0	0.002	0.11	13.05	9.0	1	1.8	121.5	0.62	<0.05	10.8	0.247	2.25	2.6
M359127		20.3	121.5	<0.002	0.01	5.79	9.9	1	1.8	241	0.63	<0.05	12.5	0.268	1.42	2.4
M359128		25.0	127.5	<0.002	0.02	4.99	10.2	1	1.9	283	0.65	<0.05	12.2	0.276	1.57	2.5
M359129		27.8	129.0	<0.002	0.04	12.05	9.6	1	1.7	141.0	0.65	<0.05	13.1	0.256	1.66	3.1
M359130		19.8	116.5	0.002	0.02	4.44	9.8	1	1.8	334	0.72	<0.05	13.8	0.270	1.25	3.0
M359131		30.3	158.5	<0.002	0.11	25.3	10.0	1	1.8	66.8	0.68	<0.05	12.7	0.262	2.08	4.0
M359132		55.8	166.5	0.002	0.47	31.2	10.3	1	1.8	59.7	0.66	<0.05	14.7	0.244	2.14	5.0
M359133		1.4	4.2	0.002	<0.01	0.20	0.4	<1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.06	0.5
M359134		18.0	113.0	0.002	0.02	8.82	9.6	1	1.8	235	0.72	<0.05	12.8	0.261	1.19	3.1
M359135		18.9	144.5	0.002	0.02	23.8	11.6	1	2.1	65.1	0.90	<0.05	17.1	0.290	1.26	5.2
M359136		19.1	104.5	<0.002	0.01	1.26	10.4	1	2.0	371	0.74	<0.05	12.4	0.259	1.07	2.7
M359137		1315	160.0	0.002	3.03	33.9	8.3	2	6.0	140.0	0.57	0.30	12.5	0.211	2.42	5.4
M359138		20.5	117.0	<0.002	0.02	14.40	11.1	1	2.2	170.0	0.70	<0.05	15.9	0.285	1.15	3.1
M359139		20.7	111.5	0.002	0.01	4.39	10.4	1	2.1	311	0.65	<0.05	13.3	0.278	1.13	2.5
M359140		16.5	145.5	<0.002	0.07	17.90	11.0	2	2.2	90.9	0.63	<0.05	16.0	0.271	1.49	5.4
M359141		21.7	108.0	<0.002	0.01	3.18	10.2	1	2.7	350	0.65	<0.05	12.8	0.257	1.10	2.5
M359142		20.9	102.5	<0.002	0.01	0.94	10.1	1	1.9	405	0.70	<0.05	13.3	0.274	1.11	3.6
M359143		19.4	110.0	<0.002	<0.01	5.92	10.3	1	1.9	303	0.64	<0.05	13.3	0.264	1.07	2.8
M359144		20.3	114.5	0.002	0.01	0.89	10.6	1	1.9	368	0.70	<0.05	13.9	0.270	1.02	4.0
M359145		21.0	116.5	<0.002	0.01	14.85	10.7	2	3.3	157.5	0.68	<0.05	15.0	0.273	1.14	3.8
M359146		19.2	103.0	0.002	0.01	1.82	9.9	1	1.8	343	0.73	<0.05	13.2	0.263	1.07	3.0
M359147		20.1	122.5	0.002	0.02	10.10	11.2	1	2.0	251	0.74	<0.05	14.5	0.281	1.10	3.8
M359148		1300	162.0	0.003	3.00	35.1	8.6	1	6.2	145.5	0.56	0.26	12.4	0.210	2.35	5.4
M359149																
M359150		21.1	135.5	<0.002	0.11	21.1	11.0	1	2.0	98.5	0.76	<0.05	17.2	0.279	1.26	3.9
M359151		21.0	123.0	0.002	0.02	15.90	9.8	<1	1.8	167.0	0.73	<0.05	16.1	0.262	1.23	3.5
M359152		20.4	129.5	0.002	0.01	6.18	11.0	1	2.4	293	0.77	<0.05	15.5	0.268	1.16	4.2
M359153		20.5	119.5	0.002	0.01	5.67	10.1	1	2.3	274	0.75	<0.05	15.4	0.258	1.17	4.1
M359154		21.8	110.5	<0.002	0.03	7.12	9.7	1	2.3	260	0.68	<0.05	12.8	0.262	1.25	4.1
M359155		21.6	101.0	0.002	0.01	1.26	9.9	1	2.1	354	0.70	<0.05	12.7	0.253	1.17	3.4
M359156		21.0	96.3	0.002	0.08	11.80	9.0	1	2.0	189.5	0.70	<0.05	12.2	0.243	1.42	4.5
M359157		23.0	110.5	0.002	0.01	2.36	10.0	1	1.9	353	0.75	<0.05	13.9	0.269	1.16	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359122		64	2.4	13.8	59	36.7	<1
M359123		65	5.9	12.7	204	34.0	1
M359124		2	0.1	0.8	13	<0.5	<1
M359125		71	3.3	15.4	161	39.0	<1
M359126		64	3.0	13.2	189	36.5	1
M359127		70	4.9	15.5	63	37.1	<1
M359128		73	3.6	15.6	86	37.0	<1
M359129		66	4.2	14.3	92	38.3	<1
M359130		70	3.6	15.7	58	39.3	<1
M359131		70	5.3	13.5	96	40.8	<1
M359132		65	8.3	14.9	149	39.4	<1
M359133		3	0.1	0.8	15	<0.5	<1
M359134		67	2.9	15.4	55	48.1	<1
M359135		76	9.1	18.3	60	53.2	<1
M359136		68	1.0	16.4	51	38.7	<1
M359137		55	5.0	10.8	2980	39.1	9
M359138		73	2.4	17.2	59	40.7	<1
M359139		73	1.8	16.1	59	38.5	<1
M359140		71	3.2	18.3	67	37.5	<1
M359141		68	2.3	16.3	54	37.7	<1
M359142		71	3.2	16.0	61	39.1	<1
M359143		68	3.0	16.4	53	39.7	<1
M359144		69	2.6	17.5	54	40.5	<1
M359145		70	5.3	17.6	61	40.9	<1
M359146		67	2.3	16.7	52	43.2	<1
M359147		74	3.8	18.4	60	48.6	<1
M359148		55	5.0	11.1	2960	39.9	10
M359149							
M359150		70	5.4	18.4	71	46.8	<1
M359151		67	4.4	17.6	59	43.7	<1
M359152		69	4.0	18.9	59	42.9	<1
M359153		66	4.2	17.8	55	40.2	<1
M359154		68	3.2	15.4	64	38.9	<1
M359155		66	2.0	16.2	56	39.9	<1
M359156		64	2.2	14.6	52	40.0	<1
M359157		70	2.1	16.3	60	44.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201230

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201231

Project: Klaza - 113

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

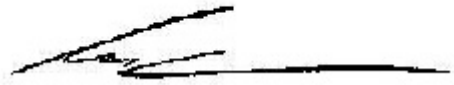
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201231

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359158		4.47	<0.005	0.15	7.04	13.7	1490	1.62	0.33	2.70	0.20	42.2	7.8	13	14.10	10.0
M359159		6.54	<0.005	0.10	7.45	6.3	2390	1.36	0.38	2.72	0.13	39.2	7.3	26	12.90	10.0
M359160		4.85	<0.005	0.12	7.63	4.6	2010	1.76	0.35	3.00	0.16	49.1	8.3	14	17.05	16.7
M359161		2.82	<0.005	0.17	7.92	4.1	2010	1.91	0.82	2.89	0.14	56.0	8.1	15	15.70	22.6
M359162		0.26	0.796	10.00	7.02	1665	1370	1.43	6.17	2.07	42.7	43.6	18.2	20	16.55	112.0
M359163		3.85	<0.005	0.27	8.05	9.3	2400	1.77	0.39	2.30	0.17	51.0	7.1	10	22.4	24.3
M359164		4.34	<0.005	0.36	6.99	34.1	2060	1.30	0.33	2.78	0.54	42.5	7.3	12	12.70	21.6
M359165		2.37	<0.005	0.17	7.01	6.1	2420	1.55	0.19	2.48	0.19	40.0	6.7	11	17.00	12.2
M359166		2.52	0.109	0.70	6.68	361	930	1.59	0.18	2.89	2.21	47.5	6.7	10	16.40	15.8
M359167		4.60	<0.005	0.14	7.55	13.3	800	1.18	0.15	2.38	0.23	44.1	6.5	14	8.02	17.2
M359168		3.42	<0.005	0.19	7.34	14.7	1220	1.06	0.13	3.53	0.23	45.0	6.9	11	8.77	15.1
M359169		2.74	<0.005	0.42	7.04	20.8	1870	1.43	0.14	2.71	2.44	53.4	6.8	22	13.15	22.5
M359170		3.18	<0.005	0.38	6.97	44.0	1140	1.52	0.17	2.85	3.82	48.6	7.2	10	16.95	22.4
M359171		2.53	<0.005	0.10	0.08	<5	20	0.06	<0.01	22.7	0.07	1.12	0.6	<1	0.16	1.8
M359172		2.82	<0.005	0.24	7.74	23.6	1640	1.63	0.13	2.42	0.36	49.5	7.8	10	18.45	18.1
M359173		1.21	<0.005	0.24	7.58	21.8	1600	1.65	0.13	2.80	0.65	45.7	7.9	10	18.55	22.9
M359174		3.38	<0.005	0.16	6.85	13.5	1960	1.50	0.14	3.01	0.15	44.1	7.1	11	16.00	11.7
M359175		3.06	<0.005	0.11	7.44	8.4	2450	1.49	0.22	3.01	0.14	42.7	8.7	14	19.35	14.5
M359176		0.26	0.808	9.98	6.86	1545	1770	1.61	6.20	1.97	42.8	44.2	18.0	18	16.55	107.5
M359177		2.25	<0.005	0.24	7.40	8.2	2460	1.56	0.24	2.71	0.11	46.1	7.5	10	13.10	23.0
M359178		5.46	<0.005	0.09	7.50	8.2	2250	1.67	0.19	2.92	0.10	46.2	7.9	15	14.20	12.5
M359179		4.62	<0.005	0.09	7.25	7.3	2120	1.76	0.21	2.70	0.09	50.3	7.9	10	14.90	12.3
M359180		3.37	<0.005	0.09	7.05	13.4	1910	1.40	0.21	2.98	0.10	41.1	7.8	14	19.05	12.5
M359181		5.15	<0.005	0.10	8.00	10.1	1880	1.08	0.34	1.48	0.12	49.9	8.0	12	14.45	13.1
M359182		2.94	<0.005	0.13	7.56	16.5	2080	1.38	0.20	2.07	0.15	49.8	7.8	13	21.7	15.7
M359183		3.11	<0.005	0.04	0.11	<5	30	0.05	<0.01	22.2	0.06	1.17	0.7	<1	0.39	1.2
M359184		3.65	<0.005	0.04	7.85	61.3	410	1.44	0.05	2.59	0.12	64.4	11.1	41	35.4	8.0
M359185		4.16	0.005	0.10	7.34	13.6	1930	1.23	0.33	1.69	0.13	46.8	6.3	23	17.95	12.5
M359186		2.59	<0.005	0.16	6.94	45.6	2290	1.51	0.22	3.44	0.19	43.6	8.4	10	21.0	13.8
M359187		2.75	<0.005	0.13	6.80	22.4	1720	1.70	0.48	2.49	0.10	44.3	7.9	12	21.3	10.8
M359188		<0.02	<0.005	0.11	6.73	23.8	1740	1.61	0.49	2.62	0.12	44.7	8.4	13	21.7	11.1
M359189		5.22	<0.005	0.12	7.20	9.5	2720	1.28	0.33	2.17	0.12	43.5	8.3	12	12.30	11.5
M359190		4.19	<0.005	0.11	7.07	7.2	2230	1.69	0.33	2.82	0.10	48.2	7.4	15	8.66	12.2
M359191		2.95	<0.005	0.17	6.91	9.8	2060	1.38	0.37	2.49	0.08	40.1	6.9	14	10.20	9.9
M359192		2.72	<0.005	0.14	7.62	10.4	2190	1.46	0.31	2.29	0.13	49.0	8.0	15	10.30	12.1
M359193		4.56	<0.005	0.12	7.38	9.1	2300	1.59	0.35	2.60	0.13	47.5	6.7	11	10.40	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359158		2.76	16.95	0.09	1.3	0.044	2.65	20.6	71.2	0.75	891	2.20	0.64	8.3	4.3	570
M359159		2.89	15.45	0.14	1.2	0.034	2.85	19.8	30.4	0.80	699	5.22	1.74	7.6	2.7	600
M359160		3.30	16.95	0.11	1.1	0.042	2.59	23.9	17.1	0.91	775	4.08	2.52	8.7	3.5	660
M359161		3.13	17.30	0.17	1.2	0.046	2.70	28.0	20.5	0.84	665	10.85	2.60	9.0	3.0	620
M359162		5.58	15.50	0.15	1.2	0.850	3.14	22.3	25.1	0.75	2140	12.80	0.29	7.3	16.0	530
M359163		2.80	17.50	0.12	1.2	0.034	3.06	26.0	56.9	0.64	638	2.87	1.76	8.4	2.8	600
M359164		2.77	15.25	0.13	1.2	0.029	3.23	21.1	50.2	0.85	2160	3.62	0.20	7.1	2.4	530
M359165		2.58	15.40	0.14	1.1	0.030	3.24	20.3	17.0	0.65	780	2.66	1.72	7.1	2.5	520
M359166		2.66	14.70	0.11	1.1	0.031	2.37	25.9	87.7	0.91	4900	3.54	0.04	6.6	2.3	460
M359167		2.60	16.00	0.10	1.3	0.041	1.11	21.4	167.5	0.79	1500	2.33	0.02	7.9	2.4	600
M359168		2.79	15.80	0.15	1.0	0.035	1.09	22.7	141.5	1.16	1520	2.07	0.02	7.3	2.3	570
M359169		2.54	15.15	0.12	1.4	0.037	2.60	27.9	71.1	0.95	2050	3.16	0.04	7.3	2.7	480
M359170		3.14	15.30	0.13	1.0	0.036	2.97	26.4	57.5	1.00	2700	1.99	0.03	6.7	2.6	480
M359171		0.48	0.22	0.06	<0.1	<0.005	0.03	0.5	1.2	13.85	224	0.14	0.01	0.1	1.5	200
M359172		3.10	16.55	0.13	1.2	0.029	3.66	24.0	38.8	0.80	1780	2.38	0.25	7.6	2.5	580
M359173		3.20	15.85	0.14	1.1	0.041	3.66	22.9	34.6	0.92	1820	2.01	0.41	7.6	2.7	620
M359174		3.11	16.70	0.14	1.2	0.054	3.10	20.5	20.2	0.80	1760	2.29	1.33	7.9	2.7	580
M359175		3.05	16.85	0.13	1.2	0.038	2.77	21.0	14.6	0.76	705	2.55	2.26	8.0	2.9	610
M359176		5.44	15.40	0.15	1.2	0.827	2.94	23.2	25.4	0.74	2040	12.55	0.28	7.4	16.2	500
M359177		2.94	16.50	0.14	1.1	0.033	2.70	23.2	17.3	0.78	660	2.42	2.33	7.9	2.5	600
M359178		3.06	17.10	0.13	1.2	0.040	2.73	22.3	23.6	0.83	679	2.19	2.42	8.4	2.9	610
M359179		2.89	16.90	0.14	1.3	0.038	2.68	24.6	25.4	0.77	656	1.85	2.24	8.4	2.6	580
M359180		2.93	16.35	0.14	1.1	0.031	2.72	20.5	40.0	0.88	713	1.87	1.35	7.9	4.1	580
M359181		2.92	17.10	0.15	1.2	0.034	2.70	25.3	44.8	0.57	652	1.88	0.40	8.3	2.5	630
M359182		2.86	16.45	0.18	1.1	0.032	2.76	24.7	49.0	0.86	887	1.85	0.13	8.1	2.9	570
M359183		0.48	0.30	0.11	<0.1	<0.005	0.05	0.6	1.8	13.55	225	0.11	0.01	0.1	2.0	150
M359184		3.70	17.20	0.15	3.9	0.031	1.74	33.6	84.7	1.39	837	0.90	0.03	9.5	14.4	1720
M359185		2.69	15.25	0.14	1.2	0.042	1.83	23.3	69.0	0.63	765	2.35	0.05	8.3	3.2	590
M359186		3.02	15.20	0.18	1.1	0.041	2.96	22.5	40.4	1.05	1070	1.39	0.07	7.8	2.8	560
M359187		3.02	16.05	0.16	1.2	0.052	2.96	21.1	19.1	0.80	877	1.70	0.78	8.5	2.5	600
M359188		3.07	16.25	0.13	1.3	0.049	3.13	21.3	19.4	0.80	931	1.67	0.79	8.7	2.9	610
M359189		2.88	17.40	0.15	1.3	0.043	2.70	22.0	24.8	0.65	833	1.90	0.77	9.1	2.7	600
M359190		3.08	16.60	0.15	1.3	0.040	2.61	23.4	13.1	0.72	740	1.85	2.09	8.9	2.6	600
M359191		3.06	15.60	0.14	1.3	0.041	2.62	19.4	18.8	0.68	1310	1.69	1.12	8.4	2.3	580
M359192		2.93	17.00	0.16	1.3	0.036	2.69	24.1	24.3	0.61	708	2.01	1.65	9.0	2.8	580
M359193		2.84	15.95	0.16	1.3	0.039	2.71	23.3	22.5	0.72	699	1.52	2.34	8.6	2.4	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359158		19.9	101.0	<0.002	0.11	11.75	10.3	2	1.6	192.5	0.73	<0.05	11.2	0.248	1.70	3.7
M359159		18.2	97.1	<0.002	0.03	3.39	9.8	1	1.8	331	0.63	<0.05	10.0	0.274	1.15	2.7
M359160		20.8	107.0	0.003	0.01	1.45	11.7	1	2.2	401	0.72	<0.05	12.0	0.292	1.23	3.4
M359161		21.8	116.0	0.006	0.01	1.22	11.4	2	2.2	406	0.78	<0.05	14.8	0.281	1.21	3.1
M359162		1475	166.0	0.002	3.34	34.3	9.0	1	6.0	158.0	0.64	0.25	11.3	0.228	2.51	4.9
M359163		22.6	125.0	<0.002	0.03	8.27	11.1	2	1.9	306	0.76	<0.05	12.8	0.261	1.37	3.7
M359164		34.2	129.5	0.004	0.28	17.70	9.2	1	1.9	121.0	0.63	<0.05	11.2	0.232	2.17	5.5
M359165		37.6	125.5	0.002	0.06	4.55	8.7	1	1.8	311	0.59	<0.05	10.4	0.233	1.51	2.6
M359166		44.1	134.5	0.003	0.76	38.9	8.6	2	2.7	161.5	0.56	<0.05	13.1	0.218	1.88	12.3
M359167		21.0	36.2	0.002	0.15	23.5	9.9	1	2.2	252	0.72	<0.05	12.2	0.258	1.03	4.3
M359168		23.1	40.6	0.002	0.18	17.90	9.6	1	2.0	222	0.62	<0.05	11.6	0.236	1.09	3.9
M359169		45.7	122.5	0.002	0.20	22.6	8.5	1	1.8	123.0	0.77	<0.05	16.0	0.211	2.10	6.1
M359170		84.3	173.0	0.004	0.30	31.4	9.7	<1	1.8	98.9	0.58	<0.05	12.5	0.219	2.42	9.4
M359171		1.5	1.3	<0.002	<0.01	0.08	0.2	1	0.2	40.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359172		23.7	168.0	<0.002	0.18	16.65	9.9	1	2.1	120.0	0.65	<0.05	12.4	0.254	2.71	5.5
M359173		32.4	161.0	<0.002	0.19	15.95	9.9	1	2.4	131.0	0.64	<0.05	11.9	0.256	2.67	5.1
M359174		18.9	126.0	<0.002	0.11	5.29	10.4	2	2.0	247	0.65	<0.05	11.1	0.254	1.86	3.5
M359175		19.8	106.0	<0.002	0.02	2.48	10.6	1	2.2	381	0.65	<0.05	11.2	0.267	1.32	3.3
M359176		1445	167.0	<0.002	3.27	34.1	9.0	1	6.0	155.0	0.61	0.36	11.8	0.218	2.59	5.2
M359177		20.2	100.0	<0.002	0.02	2.00	10.1	1	2.0	376	0.68	<0.05	12.3	0.256	1.16	3.7
M359178		20.2	103.5	<0.002	0.01	1.76	10.2	1	1.8	383	0.70	<0.05	11.9	0.264	1.14	3.8
M359179		18.2	108.0	<0.002	0.01	1.74	10.7	1	1.9	357	0.76	<0.05	12.8	0.260	1.11	4.0
M359180		18.5	95.8	<0.002	0.07	5.33	9.3	1	1.8	273	0.65	<0.05	10.5	0.251	1.38	3.2
M359181		19.2	105.0	<0.002	0.01	16.80	10.7	1	1.9	124.5	0.72	<0.05	13.8	0.275	1.18	3.6
M359182		17.6	99.1	<0.002	0.05	18.55	10.5	1	1.8	163.0	0.67	<0.05	12.5	0.250	1.47	8.4
M359183		1.4	2.5	<0.002	<0.01	0.12	0.5	1	0.2	38.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359184		12.4	66.2	<0.002	0.01	28.1	7.8	<1	1.2	1380	0.59	<0.05	7.2	0.442	0.92	5.8
M359185		12.0	75.7	<0.002	0.06	24.3	9.4	1	2.0	112.0	0.70	0.06	13.2	0.243	1.13	3.2
M359186		19.9	119.0	0.003	0.24	13.55	8.8	1	1.9	174.0	0.68	<0.05	11.8	0.239	2.34	3.9
M359187		15.5	136.0	0.002	0.13	10.85	9.5	1	1.8	175.5	0.73	<0.05	11.8	0.242	2.14	5.9
M359188		15.4	136.0	0.002	0.13	11.05	9.8	1	1.8	179.0	0.73	<0.05	11.3	0.251	2.19	6.1
M359189		16.1	104.5	<0.002	0.06	12.80	10.1	1	2.0	178.5	0.78	<0.05	12.2	0.256	1.35	2.2
M359190		19.0	101.5	<0.002	0.01	3.07	10.0	1	1.9	356	0.74	<0.05	12.6	0.254	1.05	3.2
M359191		16.7	100.0	0.002	0.06	8.19	9.3	1	2.0	184.0	0.78	<0.05	11.2	0.248	1.28	3.3
M359192		21.2	109.5	0.002	0.01	6.54	10.1	2	2.0	303	0.77	<0.05	14.2	0.252	1.13	3.9
M359193		20.9	108.5	0.004	0.01	2.13	9.8	1	1.7	397	0.77	<0.05	13.5	0.248	1.04	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359158		70	3.2	15.6	54	37.7	<1
M359159		78	14.2	15.3	52	36.6	<1
M359160		85	4.7	18.6	61	33.5	<1
M359161		78	5.4	19.2	54	35.9	<1
M359162		64	5.2	11.9	3240	38.8	10
M359163		70	5.3	17.8	54	36.0	<1
M359164		65	4.3	15.4	113	34.3	<1
M359165		63	1.9	13.6	56	36.4	1
M359166		59	3.3	14.5	221	32.3	1
M359167		69	4.1	14.1	69	34.9	<1
M359168		66	3.4	15.6	60	31.7	<1
M359169		58	4.6	15.1	193	37.5	1
M359170		66	3.2	16.0	376	31.1	<1
M359171		2	0.1	0.8	14	<0.5	<1
M359172		71	2.7	16.0	83	34.5	<1
M359173		72	2.5	15.5	113	33.7	<1
M359174		73	2.1	15.6	61	34.9	1
M359175		76	1.5	16.0	54	34.5	1
M359176		61	5.3	11.9	3070	39.3	10
M359177		72	2.0	16.2	54	34.9	<1
M359178		74	2.8	16.3	54	37.8	<1
M359179		74	2.2	18.0	52	37.9	<1
M359180		71	4.1	15.2	52	35.4	<1
M359181		76	6.3	16.5	56	35.2	<1
M359182		71	4.6	16.6	59	35.2	<1
M359183		3	0.1	0.8	14	<0.5	<1
M359184		90	2.2	12.3	81	152.0	1
M359185		67	8.0	15.1	55	32.5	1
M359186		70	3.8	16.4	61	30.3	<1
M359187		71	3.3	15.7	51	33.2	<1
M359188		74	3.3	16.0	54	34.5	<1
M359189		70	8.4	16.4	55	35.0	<1
M359190		71	2.6	16.0	54	34.4	<1
M359191		68	2.6	14.5	56	34.4	1
M359192		68	4.0	17.3	57	37.6	<1
M359193		67	1.9	16.5	59	35.7	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201231

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201232

Project: Klaza - 113

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

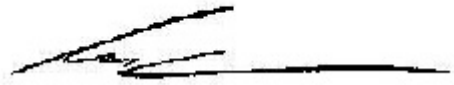
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201232

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359194		5.40	<0.005	0.14	7.61	10.5	2330	1.68	0.42	2.61	0.17	52.9	7.7	11	8.72	9.6
M359195		0.26	0.832	10.05	6.74	1485	1680	1.40	6.57	1.90	41.8	45.7	16.7	20	15.75	110.0
M359196		2.98	<0.005	0.32	7.48	10.5	2360	1.71	0.41	2.59	0.19	47.8	7.1	10	8.55	11.9
M359197		2.53	<0.005	0.24	7.82	11.0	2330	1.33	0.42	2.44	0.29	48.3	7.3	11	9.09	14.0
M359198		7.08	<0.005	0.23	7.77	9.7	2440	1.61	0.45	2.61	0.21	45.0	6.9	11	8.36	11.7
M359199		2.68	<0.005	0.25	7.65	9.5	2370	1.46	0.32	2.61	0.25	50.3	7.2	22	8.09	12.5
M359200		7.28	<0.005	0.22	7.75	9.0	2400	1.54	0.28	2.52	0.25	53.9	7.1	12	8.90	12.0
M359201		3.61	<0.005	0.17	7.49	9.6	2310	1.75	0.45	2.51	0.16	49.0	7.6	10	8.37	10.9
M359202		2.85	<0.005	0.12	7.52	8.0	2320	1.61	0.17	2.61	0.15	51.6	7.1	10	9.82	9.9
M359203		3.09	<0.005	0.19	7.84	8.4	1830	1.24	0.34	1.34	0.19	56.4	7.0	9	12.65	9.7
M359204		2.54	<0.005	0.04	0.07	<5	20	0.07	0.03	20.4	0.05	1.16	0.6	<1	0.29	1.9
M359205		2.39	<0.005	0.14	7.56	8.8	2340	1.79	0.18	2.76	0.20	48.2	8.1	14	11.80	10.0
M359206		3.45	<0.005	0.17	7.48	9.4	2360	1.62	0.18	2.62	0.18	46.8	7.4	10	12.65	8.9
M359207		4.18	<0.005	0.16	7.76	8.1	2040	1.36	0.16	1.43	0.18	55.6	6.7	9	13.30	9.6
M359208		2.09	<0.005	0.15	7.98	8.4	2000	1.19	0.15	1.14	0.16	53.2	6.2	9	11.85	9.5
M359209		4.98	<0.005	0.15	7.57	7.2	2020	1.30	0.16	1.91	0.20	48.9	7.1	11	14.20	11.7
M359210		5.01	<0.005	0.13	7.41	7.1	2290	1.40	0.16	2.50	0.15	44.8	7.2	11	13.70	10.1
M359211		0.26	0.770	9.11	6.74	1475	1650	1.48	6.31	1.89	40.2	44.5	15.7	19	14.95	106.0
M359212		7.37	<0.005	0.22	7.63	7.3	2410	1.53	0.14	2.66	0.14	49.5	7.2	11	12.55	9.4
M359213		4.78	<0.005	0.18	7.14	10.0	1970	1.38	0.15	2.19	0.11	43.5	6.8	10	12.55	10.6
M359214		3.09	0.030	0.76	6.38	111.5	2480	1.57	0.22	2.73	1.62	42.5	6.8	8	16.15	16.1
M359215		2.40	<0.005	0.05	0.08	5	20	0.05	0.02	20.8	0.05	1.18	0.5	<1	0.26	1.6
M359216		4.65	<0.005	0.17	7.42	8.7	2220	1.43	0.17	2.38	0.20	48.2	7.2	13	15.85	12.3
M359217		6.38	<0.005	0.11	7.40	7.9	2060	1.28	0.14	2.00	0.18	44.9	6.6	11	13.55	6.8
M359218		2.93	<0.005	0.24	6.93	35.6	1400	1.53	0.28	2.30	0.16	46.5	7.6	9	18.00	10.6
M359219		4.73	<0.005	0.16	6.99	11.2	1420	1.67	0.28	2.70	0.11	44.0	5.6	9	17.55	6.8
M359220		2.45	<0.005	0.22	6.10	17.9	7480	1.59	0.28	3.32	0.47	51.0	6.7	7	19.70	29.2
M359221		6.61	<0.005	0.12	7.37	9.0	1960	1.36	0.22	1.64	0.12	51.7	7.9	10	17.45	7.6
M359222		2.97	<0.005	0.08	7.72	4.0	2090	1.02	0.11	1.03	0.10	51.4	7.1	9	11.70	7.6
M359223		<0.02	<0.005	0.07	7.52	3.7	2040	1.15	0.12	1.12	0.09	54.6	7.0	9	12.30	7.2
M359224		5.94	<0.005	0.07	7.30	2.9	2210	1.73	0.13	2.61	0.09	52.6	7.5	13	11.50	8.9
M359225		3.18	<0.005	0.07	6.47	7.9	2030	1.42	0.12	2.59	0.09	39.6	7.2	12	18.45	8.1
M359226		5.20	<0.005	0.12	6.74	7.3	2350	1.43	0.13	2.32	0.08	44.6	6.6	9	16.95	17.6
M359227		2.92	<0.005	0.27	6.43	11.9	1670	1.39	0.89	2.85	0.13	40.8	7.5	8	13.40	8.3
M359228		6.05	<0.005	0.07	6.89	3.3	2220	1.57	0.13	2.61	0.08	46.9	6.8	12	11.50	10.1
M359229		4.73	<0.005	0.06	6.81	3.9	2210	1.54	0.16	2.71	0.08	46.6	7.2	11	10.15	10.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201232

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359194		3.01	16.75	0.14	1.2	0.044	2.71	27.6	25.1	0.78	734	1.75	2.43	9.0	2.6	580
M359195		5.34	15.05	0.15	1.2	0.945	2.91	23.7	24.4	0.70	2020	12.10	0.27	7.8	15.2	520
M359196		3.07	16.35	0.13	1.3	0.048	2.69	23.4	24.5	0.79	753	2.02	2.45	9.3	2.7	600
M359197		2.98	17.40	0.16	1.4	0.047	2.83	24.5	24.5	0.71	874	2.19	1.63	8.9	2.6	620
M359198		3.10	15.80	0.13	1.3	0.042	2.74	23.6	22.9	0.80	781	2.14	2.47	8.4	2.4	620
M359199		3.09	16.20	0.13	1.2	0.050	2.71	26.3	22.0	0.83	824	1.76	2.41	8.6	2.7	640
M359200		3.03	16.25	0.15	1.3	0.045	2.75	27.6	23.6	0.80	704	1.96	2.42	8.7	2.5	610
M359201		3.01	16.95	0.15	1.4	0.046	2.72	24.7	22.6	0.76	704	2.30	2.42	9.1	2.5	620
M359202		2.92	16.55	0.14	1.5	0.041	2.81	25.8	20.4	0.74	805	2.01	2.26	8.7	2.6	590
M359203		2.79	16.95	0.14	1.5	0.042	2.76	29.3	40.4	0.64	1000	2.10	0.28	9.4	2.5	610
M359204		0.48	0.19	0.10	<0.1	0.005	0.03	0.6	1.2	12.45	216	0.08	0.01	0.2	1.9	190
M359205		3.18	17.20	0.15	1.4	0.039	2.82	24.0	23.3	0.81	797	1.75	2.35	10.0	4.7	600
M359206		2.95	16.35	0.15	1.3	0.047	2.75	23.3	21.5	0.71	719	1.57	2.38	8.5	2.5	610
M359207		2.90	17.00	0.15	1.2	0.043	2.62	28.8	30.4	0.52	833	1.03	1.00	8.7	2.5	620
M359208		2.91	15.95	0.12	1.3	0.041	2.64	28.8	32.3	0.51	753	0.93	0.73	8.2	2.2	640
M359209		3.17	15.95	0.17	1.3	0.042	2.67	24.3	33.1	0.68	795	0.93	1.08	8.6	2.5	630
M359210		3.02	15.50	0.14	1.4	0.034	2.78	22.4	23.3	0.71	725	0.92	2.03	8.3	2.4	610
M359211		5.33	14.40	0.14	1.2	0.889	2.89	23.4	23.0	0.70	2000	11.55	0.27	8.0	14.9	510
M359212		3.02	16.60	0.16	1.3	0.044	2.82	24.6	23.5	0.78	673	1.20	2.38	8.7	2.7	610
M359213		3.03	15.75	0.14	1.5	0.037	2.74	22.1	27.8	0.72	859	1.08	1.43	8.6	2.4	640
M359214		2.63	13.50	0.13	1.1	0.036	2.57	22.8	89.7	0.82	1960	1.24	0.05	7.3	2.5	500
M359215		0.48	0.23	0.09	<0.1	0.005	0.04	0.6	1.4	12.65	222	0.11	0.01	0.2	1.7	190
M359216		3.07	16.20	0.16	1.4	0.048	2.73	24.2	19.5	0.68	719	1.75	1.71	8.6	2.5	590
M359217		2.75	15.20	0.12	1.4	0.042	2.61	22.8	32.4	0.53	729	0.83	0.87	8.4	2.2	590
M359218		2.71	15.30	0.14	1.2	0.050	2.86	24.6	126.5	0.77	1510	1.05	0.05	7.9	2.6	550
M359219		2.76	14.65	0.15	1.2	0.052	2.89	22.7	52.8	0.97	1080	0.85	0.06	7.8	2.0	550
M359220		3.52	13.75	0.16	1.1	0.053	2.31	26.3	33.9	1.08	2450	1.16	0.01	7.6	2.4	520
M359221		2.69	16.30	0.09	1.4	0.050	2.94	26.1	110.5	0.59	764	1.04	0.21	8.1	2.3	590
M359222		3.04	15.85	0.12	1.4	0.042	2.96	28.5	35.0	0.73	552	1.03	0.49	8.0	2.1	580
M359223		3.01	16.05	0.13	1.4	0.038	2.91	30.0	35.8	0.74	561	1.00	0.51	8.3	2.2	580
M359224		2.86	17.05	0.13	1.6	0.037	2.84	26.4	22.3	0.78	634	1.24	2.37	8.5	2.7	580
M359225		2.60	15.20	0.11	1.3	0.046	2.86	19.2	59.3	0.66	751	0.81	1.67	8.0	2.8	560
M359226		2.58	15.65	0.13	1.3	0.043	2.93	21.9	52.3	0.65	854	0.96	0.85	7.6	2.2	530
M359227		2.66	14.85	0.17	1.2	0.057	3.31	19.7	27.2	0.64	1500	2.16	0.99	7.2	2.3	520
M359228		2.64	15.75	0.14	1.4	0.044	2.90	23.0	17.0	0.68	616	1.15	2.18	7.8	2.3	540
M359229		2.69	16.50	0.14	1.4	0.046	3.03	23.2	19.5	0.71	676	1.22	2.13	8.3	2.4	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201232

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359194		23.4	116.0	0.003	0.01	2.14	10.4	1	1.7	409	0.84	<0.05	14.4	0.249	1.06	4.7
M359195		1405	171.0	0.002	3.15	33.1	8.7	<1	5.7	150.0	0.64	0.30	12.1	0.212	2.49	4.7
M359196		26.0	112.5	0.002	0.01	2.46	10.1	1	1.9	406	0.87	<0.05	13.8	0.257	1.08	4.8
M359197		30.0	111.0	<0.002	0.01	7.60	10.7	1	1.9	309	0.79	<0.05	13.7	0.264	1.13	3.3
M359198		28.1	107.0	0.002	0.01	2.78	9.7	1	1.7	429	0.75	<0.05	14.2	0.259	1.10	4.5
M359199		29.8	108.0	0.002	0.01	3.03	10.3	1	1.7	411	0.73	<0.05	13.4	0.259	1.12	4.5
M359200		26.9	116.5	<0.002	0.01	2.52	10.3	2	1.8	432	0.76	<0.05	14.0	0.255	1.10	4.1
M359201		24.1	116.0	0.002	0.01	2.37	10.5	1	1.7	426	0.82	<0.05	13.5	0.258	1.05	5.1
M359202		22.7	119.5	<0.002	0.01	2.66	10.3	1	1.5	385	0.82	<0.05	14.4	0.246	1.27	4.8
M359203		23.2	129.0	<0.002	0.04	16.90	11.0	1	1.7	105.0	0.84	<0.05	15.5	0.256	1.28	6.0
M359204		1.6	2.0	<0.002	<0.01	<0.05	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359205		26.9	108.5	<0.002	0.01	2.46	10.2	1	1.6	394	0.91	<0.05	13.2	0.279	1.27	3.8
M359206		26.7	111.0	<0.002	0.01	3.66	10.0	1	1.7	409	0.72	<0.05	13.1	0.256	1.20	3.4
M359207		22.9	123.5	<0.002	0.02	15.80	10.6	1	1.7	196.5	0.74	<0.05	14.9	0.248	1.19	4.2
M359208		22.7	118.0	0.002	0.02	15.70	10.1	1	1.7	153.0	0.72	<0.05	15.2	0.253	1.18	3.7
M359209		22.3	105.5	<0.002	0.01	13.30	10.2	1	1.6	226	0.71	<0.05	12.8	0.262	1.16	3.3
M359210		23.3	110.0	0.002	0.01	5.23	9.6	1	1.6	347	0.71	<0.05	13.4	0.259	1.25	3.4
M359211		1395	171.0	0.002	3.14	31.4	8.4	1	5.6	148.5	0.66	0.28	12.3	0.211	2.55	4.8
M359212		22.2	114.0	0.002	0.01	1.77	10.2	2	1.7	414	0.72	<0.05	13.1	0.256	1.13	3.3
M359213		25.1	113.5	<0.002	0.06	8.09	9.7	1	1.9	257	0.74	<0.05	12.2	0.251	1.47	2.9
M359214		139.0	118.0	<0.002	0.32	34.8	8.6	1	1.5	125.5	0.62	<0.05	11.7	0.212	1.94	4.1
M359215		1.6	2.1	<0.002	<0.01	0.09	0.2	<1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M359216		26.4	118.5	<0.002	0.03	5.77	10.2	1	1.9	300	0.77	<0.05	13.2	0.254	1.37	3.2
M359217		25.3	101.0	<0.002	0.03	12.60	9.3	1	1.7	191.5	0.76	<0.05	13.3	0.247	1.17	3.5
M359218		26.5	129.0	0.002	0.18	18.35	9.5	1	1.8	133.0	0.69	<0.05	13.4	0.236	2.06	5.0
M359219		7.7	126.0	0.002	0.09	16.00	8.9	1	1.7	96.1	0.72	<0.05	12.6	0.235	1.92	6.1
M359220		14.7	113.0	<0.002	0.24	50.5	9.6	1	2.2	105.5	0.62	<0.05	10.8	0.220	1.91	5.6
M359221		18.2	105.5	0.002	0.09	15.15	11.3	<1	1.7	202	0.68	<0.05	13.5	0.272	1.51	5.2
M359222		20.9	117.0	<0.002	0.03	10.95	10.9	<1	1.8	114.0	0.72	<0.05	14.3	0.263	1.11	2.6
M359223		20.2	114.0	<0.002	0.03	10.75	11.2	1	1.9	122.0	0.68	<0.05	14.6	0.266	1.10	3.0
M359224		20.1	107.0	0.002	0.01	1.30	11.6	1	1.7	369	0.73	<0.05	13.7	0.256	1.18	5.0
M359225		18.7	100.5	0.002	0.03	5.02	9.8	1	1.7	295	0.68	<0.05	9.9	0.252	1.32	3.1
M359226		15.7	113.5	<0.002	0.24	10.40	10.1	1	1.6	198.0	0.67	<0.05	11.3	0.236	1.64	3.5
M359227		20.0	123.5	0.003	0.22	4.12	9.3	<1	1.8	202	0.60	<0.05	9.9	0.235	2.01	3.6
M359228		18.2	102.5	0.002	0.02	1.35	10.0	<1	1.7	350	0.66	<0.05	11.4	0.249	1.15	3.7
M359229		18.2	101.0	<0.002	0.01	1.72	10.6	<1	1.7	341	0.69	<0.05	11.5	0.257	1.24	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201232

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359194		69	2.4	18.7	62	34.6	<1
M359195		58	4.8	12.5	3050	36.6	10
M359196		71	2.4	17.6	67	35.2	<1
M359197		73	3.2	17.4	73	36.4	<1
M359198		71	2.7	16.8	71	34.9	<1
M359199		70	4.2	17.7	77	34.1	<1
M359200		70	4.8	17.2	70	35.5	<1
M359201		70	2.1	17.8	65	37.5	1
M359202		68	2.8	18.1	62	40.2	<1
M359203		73	5.0	19.4	69	37.6	<1
M359204		2	0.1	0.9	13	<0.5	<1
M359205		75	3.2	17.4	75	37.7	<1
M359206		69	3.1	15.5	65	35.2	1
M359207		69	5.6	17.6	64	35.5	<1
M359208		69	5.9	16.6	64	35.1	<1
M359209		73	4.0	17.2	70	35.8	1
M359210		71	2.4	16.8	61	37.4	1
M359211		58	4.8	11.8	3030	37.3	10
M359212		70	2.2	17.6	55	36.7	1
M359213		72	4.2	16.1	57	39.3	<1
M359214		60	3.1	15.6	210	31.0	1
M359215		2	0.1	0.8	13	<0.5	<1
M359216		73	4.3	15.9	64	37.8	1
M359217		65	4.8	16.0	64	37.6	<1
M359218		65	3.4	15.2	59	33.3	1
M359219		64	1.6	14.4	64	32.7	<1
M359220		70	1.7	24.0	95	30.2	<1
M359221		74	2.9	16.3	55	37.4	<1
M359222		72	2.9	16.6	50	38.2	<1
M359223		73	2.8	16.9	48	38.4	<1
M359224		71	2.4	18.1	47	41.5	<1
M359225		68	2.5	15.1	49	35.7	<1
M359226		63	3.7	14.8	44	35.9	<1
M359227		65	2.1	13.9	49	32.6	1
M359228		66	1.6	15.5	47	37.7	<1
M359229		69	2.1	16.0	49	38.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201232

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201233

Project: Klaza - 113

P.O. No.: Batch 4

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

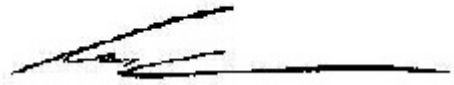
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201233

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359230		3.56	<0.005	0.09	7.43	4.3	2270	1.67	0.16	2.65	0.15	52.7	7.9	11	13.25	8.3
M359231		4.93	<0.005	0.08	7.04	6.8	2110	1.87	0.16	2.55	0.12	46.3	7.3	11	16.00	12.2
M359232		2.47	<0.005	0.02	0.07	<5	20	0.10	0.03	21.3	0.06	1.25	0.6	<1	0.23	1.3
M359233		3.28	<0.005	0.12	7.95	10.6	1690	1.27	0.17	1.56	0.20	54.1	7.5	7	21.3	18.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201233

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359230		2.92	16.85	0.14	1.6	0.043	2.88	26.3	19.2	0.79	678	1.33	2.40	8.9	2.5	580
M359231		2.91	16.85	0.13	1.6	0.038	2.98	23.1	21.1	0.72	660	1.68	1.87	8.7	2.8	550
M359232		0.49	0.20	0.10	<0.1	0.006	0.03	0.6	1.0	12.75	230	0.12	0.01	0.1	1.7	190
M359233		3.04	16.50	0.15	1.3	0.059	2.96	27.0	77.3	0.72	1050	1.49	0.17	8.0	2.4	770

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201233

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359230		20.1	115.5	0.003	0.02	1.81	12.0	1	1.9	380	0.75	<0.05	12.7	0.263	1.19	4.5
M359231		18.5	115.0	<0.002	0.02	4.33	11.0	<1	1.8	302	0.81	<0.05	11.0	0.254	1.30	3.9
M359232		1.4	1.6	<0.002	<0.01	0.05	0.3	<1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359233		16.9	119.5	0.002	0.07	18.75	11.7	<1	2.0	110.0	0.67	<0.05	12.2	0.275	1.83	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201233

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359230		73	1.1	18.9	53	42.8	<1
M359231		69	1.1	16.8	49	41.7	<1
M359232		3	0.1	0.8	12	<0.5	<1
M359233		81	3.3	17.1	59	35.9	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 113

CERTIFICATE OF ANALYSIS WH12201233

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201234

Project: Klaza - 115

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

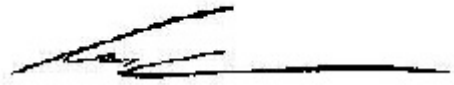
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201234

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814987		3.95	<0.005	0.21	7.19	46.5	2210	1.28	0.25	1.85	0.28	44.9	7.5	9	21.2	15.7
N814988		2.76	<0.005	0.36	7.22	77.8	1160	1.55	0.16	1.55	0.31	44.3	6.8	10	26.4	14.2
N814989		3.80	<0.005	0.32	6.56	151.5	2000	1.42	0.14	1.89	0.77	40.8	8.8	8	23.4	9.1
N814990		2.35	<0.005	0.03	0.07	<5	20	<0.05	0.02	20.7	0.06	1.18	0.5	<1	0.24	1.6
N814991		6.00	<0.005	0.09	7.78	14.8	1880	1.10	0.12	1.04	0.23	49.0	6.2	9	19.15	7.9
N814992		5.40	<0.005	0.30	7.09	38.5	2000	1.41	0.26	1.73	0.25	45.9	8.0	9	18.35	40.8
N814993		3.04	0.008	0.12	7.03	4.5	2080	1.67	0.12	2.53	0.15	44.5	8.0	10	15.20	31.3
N814994		5.04	<0.005	0.13	7.25	4.3	2180	1.48	0.17	2.73	0.17	46.4	7.6	11	16.95	40.1
N814995		<0.02	0.010	0.12	7.02	4.4	2120	1.49	0.15	2.72	0.18	43.5	7.6	11	16.85	32.2
N814996		8.19	<0.005	0.17	7.07	4.8	2170	1.55	0.15	2.77	0.39	42.0	7.2	14	13.25	13.3
N814997		4.53	<0.005	0.15	7.59	9.5	1650	1.23	0.25	1.22	0.16	51.5	5.4	8	14.65	15.0
N814998		3.07	<0.005	0.16	6.16	51.8	1960	1.25	0.22	1.83	0.47	39.3	8.6	29	14.15	8.6
N814999		5.58	<0.005	0.09	7.33	5.1	2150	1.57	0.14	2.44	0.09	46.9	7.3	11	16.35	11.4
N815000		5.36	<0.005	0.11	7.74	10.9	2250	1.25	0.17	1.61	0.12	52.2	8.6	11	16.10	13.0
N812801		4.75	<0.005	0.12	7.22	3.4	2160	1.81	0.24	2.61	0.43	50.4	7.7	11	14.15	11.0
N812802		2.84	<0.005	0.42	7.35	6.0	2050	1.55	0.16	2.38	0.68	50.8	7.3	10	13.95	57.3
N812803		5.23	<0.005	0.21	7.16	3.6	2060	1.56	0.30	2.67	0.11	49.0	6.9	10	10.10	10.2
N812804		6.15	<0.005	0.12	6.90	5.2	2040	1.69	0.10	2.64	0.17	46.9	7.5	13	14.05	11.2
N812805		2.65	0.016	0.49	6.29	55.8	1980	1.44	0.18	3.20	0.86	38.6	7.8	7	20.4	15.8
N812806		2.62	<0.005	<0.01	0.09	<5	40	0.10	0.04	20.2	0.06	1.22	0.6	<1	0.33	1.8
N812807		5.21	<0.005	0.12	6.99	5.0	2290	1.74	0.17	2.65	0.16	46.7	7.1	11	12.90	14.3
N812808		3.16	<0.005	0.26	7.27	9.8	2180	1.68	0.16	2.33	0.66	49.9	7.5	12	16.95	22.2
N812809		3.90	<0.005	0.24	7.24	5.8	2420	1.40	0.19	2.57	0.28	46.5	7.4	11	12.10	11.3
N812810		0.26	2.30	24.6	6.00	3600	1820	1.31	17.75	2.28	80.6	45.6	10.3	17	15.65	437
N812811		7.20	<0.005	1.57	7.34	15.0	2290	1.65	0.15	2.71	1.44	44.7	7.6	10	13.55	13.4
N812812		4.69	<0.005	0.21	7.30	6.9	2000	1.50	0.24	2.28	0.20	42.6	7.3	9	15.25	14.9
N812813		2.73	<0.005	0.09	7.51	4.2	2600	1.58	0.18	2.50	0.11	45.8	6.4	20	11.95	12.5
N812814		5.98	<0.005	0.13	7.85	3.4	2290	1.56	0.11	2.46	0.10	51.4	7.4	11	12.40	11.1
N812815		4.69	<0.005	0.15	7.65	3.6	2340	1.62	0.11	2.64	0.10	49.1	7.6	11	12.05	11.9
N812816		2.41	<0.005	0.14	7.52	4.0	2350	1.61	0.13	2.45	0.09	49.8	7.2	10	11.75	13.3
N812817		8.76	<0.005	0.12	7.46	4.2	2260	1.61	0.14	2.52	0.12	52.7	7.1	11	13.15	12.1
N812818		2.72	0.085	1.36	6.90	421	1870	1.29	0.13	1.85	0.60	43.0	6.6	8	16.65	25.6
N812819		4.70	0.017	0.36	7.22	71.5	1990	1.74	0.15	2.34	0.32	45.7	7.4	9	20.5	25.9
N812820		0.26	0.809	9.08	7.03	1960	1950	1.37	5.56	2.03	41.6	51.3	16.9	19	17.25	107.0
N812821		6.09	0.006	0.37	7.54	40.6	2250	1.44	0.13	2.81	0.15	47.3	7.2	10	13.60	60.6
N812822		2.51	<0.005	0.29	7.89	12.4	2240	1.48	0.15	2.61	0.14	44.8	8.2	10	16.35	64.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201234

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814987		2.82	16.65	0.12	1.4	0.055	3.77	22.2	45.2	0.22	1250	0.99	0.19	8.1	2.8	610
N814988		2.54	16.70	0.14	1.3	0.046	3.09	23.5	124.0	0.22	1170	1.24	0.05	7.8	2.9	590
N814989		2.54	16.90	0.18	1.5	0.046	2.90	19.7	60.4	0.24	1650	1.49	0.06	8.3	3.6	540
N814990		0.48	0.17	0.07	<0.1	<0.005	0.03	0.5	1.3	12.40	218	0.14	<0.01	0.1	1.5	180
N814991		2.71	15.90	0.13	1.4	0.036	2.95	26.3	60.5	0.22	1080	1.32	0.10	7.5	2.5	660
N814992		2.90	16.70	0.14	1.5	0.040	3.11	24.4	51.4	0.31	979	1.34	0.46	8.2	2.7	570
N814993		2.95	15.60	0.15	1.3	0.047	2.95	22.2	17.7	0.45	855	1.57	1.83	7.9	2.6	580
N814994		2.92	15.85	0.11	1.4	0.040	3.07	23.1	16.8	0.61	768	1.54	2.17	8.0	2.6	600
N814995		2.84	15.75	0.12	1.4	0.039	3.02	22.5	16.9	0.61	760	1.48	2.13	8.1	2.8	590
N814996		2.90	15.30	0.10	1.5	0.043	2.97	21.0	15.1	0.64	769	1.70	2.21	7.7	2.9	660
N814997		2.50	15.40	0.12	1.6	0.042	3.32	27.6	37.8	0.23	617	1.57	0.35	7.8	2.1	530
N814998		3.15	14.60	0.13	1.4	0.083	2.52	19.1	109.0	0.25	1380	2.73	0.06	7.2	3.9	510
N814999		2.79	16.75	0.14	1.6	0.051	2.96	23.9	36.3	0.54	584	0.99	1.80	8.2	2.7	630
N815000		3.09	17.10	0.13	1.6	0.050	3.00	25.8	30.3	0.27	944	1.76	0.50	8.4	2.9	660
N812801		2.87	15.45	0.14	1.5	0.038	2.84	25.2	20.6	0.72	662	1.09	2.24	7.9	2.7	620
N812802		2.76	16.30	0.13	1.5	0.042	2.99	26.7	23.5	0.62	723	1.50	1.83	7.8	2.8	600
N812803		2.73	15.35	0.13	1.6	0.033	2.88	25.7	17.0	0.67	688	1.14	2.17	7.8	2.6	570
N812804		2.70	16.65	0.14	1.6	0.038	2.84	23.2	20.8	0.54	741	1.50	1.73	8.4	2.7	600
N812805		2.75	14.30	0.13	1.3	0.058	3.11	19.4	23.7	0.64	1860	2.13	0.82	7.1	2.7	530
N812806		0.44	0.29	0.07	<0.1	0.005	0.05	0.6	1.4	12.15	205	0.37	0.01	0.1	1.9	160
N812807		2.72	16.25	0.11	1.3	0.055	2.99	23.7	11.5	0.65	674	2.72	2.08	7.7	2.7	600
N812808		3.04	15.90	0.16	1.5	0.053	3.02	25.3	14.5	0.49	1020	2.85	1.71	7.9	2.9	670
N812809		2.91	16.40	0.10	1.5	0.040	3.01	22.6	17.4	0.65	1080	2.40	1.65	7.9	2.5	630
N812810		6.82	13.75	0.12	1.0	1.740	2.67	25.2	26.9	0.95	1920	14.30	0.04	5.8	14.5	450
N812811		3.02	16.80	0.09	1.5	0.048	2.83	21.3	17.8	0.77	1250	2.06	2.15	8.4	2.9	640
N812812		2.99	17.00	0.09	1.7	0.043	2.82	19.8	25.8	0.52	895	2.07	1.64	8.4	2.8	660
N812813		3.24	16.50	0.09	1.6	0.088	3.22	22.0	18.7	0.71	699	2.20	2.14	8.2	2.8	630
N812814		3.11	16.05	0.12	1.5	0.038	2.96	25.6	17.9	0.72	767	1.31	2.09	8.2	2.6	670
N812815		3.06	15.95	0.13	1.5	0.039	2.85	23.8	18.5	0.81	683	1.16	2.52	8.3	2.6	660
N812816		2.95	15.85	0.12	1.5	0.039	2.84	24.7	16.9	0.73	644	1.07	2.45	8.0	2.6	640
N812817		2.94	15.15	0.11	1.5	0.040	2.99	25.6	13.2	0.70	682	1.24	2.38	7.9	2.7	630
N812818		3.13	15.35	0.13	1.4	0.044	2.98	21.1	35.9	0.50	3090	1.85	0.23	6.9	3.0	550
N812819		2.87	15.90	0.11	1.6	0.037	3.39	22.1	12.6	0.65	1500	1.65	1.31	8.5	2.5	610
N812820		5.61	15.40	0.18	1.3	0.884	3.00	26.6	25.7	0.76	2090	13.10	0.29	7.1	14.7	540
N812821		3.04	15.50	0.13	1.4	0.051	3.09	22.8	10.3	0.78	1300	1.37	2.13	7.4	2.5	650
N812822		3.09	16.45	0.12	1.6	0.045	3.14	22.0	17.9	0.65	778	1.28	1.55	7.6	2.8	690

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201234

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814987		18.4	156.5	<0.002	0.02	21.9	10.7	<1	1.7	88.6	0.68	<0.05	12.3	0.257	2.22	2.6
N814988		33.6	151.0	<0.002	0.02	29.8	11.0	<1	1.5	136.0	0.64	<0.05	11.6	0.269	2.67	3.0
N814989		19.7	141.0	<0.002	0.04	32.1	10.7	1	1.6	89.1	0.73	<0.05	11.0	0.222	2.91	3.4
N814990		1.4	1.7	<0.002	<0.01	0.09	0.2	<1	<0.2	37.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814991		17.8	118.5	<0.002	0.01	22.9	10.8	<1	1.5	72.6	0.62	<0.05	13.6	0.271	1.36	2.8
N814992		23.2	122.0	<0.002	0.04	24.1	11.2	<1	1.5	120.5	0.73	<0.05	12.6	0.257	1.67	3.1
N814993		22.0	108.5	<0.002	0.02	4.56	10.3	1	1.4	305	0.68	<0.05	11.6	0.253	1.08	3.0
N814994		22.5	109.5	<0.002	0.01	1.98	10.6	1	1.5	358	0.71	<0.05	12.1	0.268	1.25	2.3
N814995		21.0	110.0	<0.002	0.01	1.87	10.5	1	1.5	352	0.70	<0.05	11.2	0.265	1.10	2.1
N814996		32.3	99.7	0.002	0.02	1.71	10.4	1	1.5	365	0.66	<0.05	10.3	0.270	1.05	1.9
N814997		19.2	134.5	<0.002	<0.01	16.10	9.5	<1	1.5	95.1	0.77	<0.05	16.6	0.227	1.40	3.1
N814998		18.4	97.2	<0.002	0.03	33.6	9.5	1	1.5	104.5	0.61	<0.05	9.5	0.229	1.48	3.9
N814999		19.2	106.0	0.002	0.01	6.68	11.3	1	1.6	314	0.72	<0.05	11.9	0.261	1.25	2.5
N815000		18.8	120.5	<0.002	0.01	15.65	11.2	1	1.7	113.0	0.70	<0.05	12.8	0.275	1.30	3.4
N812801		35.6	103.5	0.002	<0.01	1.39	11.2	1	1.7	364	0.68	<0.05	11.7	0.262	1.10	2.3
N812802		32.3	113.5	<0.002	0.03	4.75	11.1	1	1.6	306	0.64	<0.05	12.8	0.255	1.20	2.2
N812803		22.1	108.0	<0.002	0.01	1.71	10.5	1	1.5	348	0.73	<0.05	12.8	0.251	1.09	2.5
N812804		22.9	107.5	<0.002	0.01	4.16	11.1	<1	1.7	297	0.68	<0.05	11.3	0.262	1.26	2.0
N812805		42.5	116.5	0.002	0.14	10.75	8.9	<1	1.5	184.5	0.63	<0.05	10.7	0.224	2.38	3.5
N812806		1.3	2.5	0.002	<0.01	0.05	0.4	<1	<0.2	39.0	<0.05	<0.05	0.2	<0.005	<0.02	0.6
N812807		22.4	110.0	0.002	0.02	2.44	11.0	1	1.7	348	0.61	<0.05	11.2	0.253	1.31	1.7
N812808		31.4	116.5	<0.002	0.05	5.59	12.1	<1	1.7	297	0.60	<0.05	12.2	0.275	1.33	2.7
N812809		54.0	101.0	0.002	0.02	5.93	10.6	1	1.7	298	0.63	<0.05	11.5	0.275	1.33	2.4
N812810		2990	156.0	0.002	4.98	93.6	7.9	1	8.1	91.3	0.49	0.40	11.0	0.186	2.48	5.5
N812811		108.5	102.5	<0.002	0.06	8.43	10.2	1	1.8	366	0.67	<0.05	11.7	0.263	1.27	2.9
N812812		21.5	99.6	<0.002	0.02	7.20	10.4	1	1.8	255	0.75	<0.05	10.9	0.270	1.22	2.9
N812813		18.6	110.5	<0.002	0.01	2.42	10.3	1	1.8	339	0.75	<0.05	11.5	0.266	1.31	3.1
N812814		17.5	115.0	<0.002	0.01	5.37	10.3	1	1.7	346	0.76	<0.05	12.3	0.284	1.09	2.6
N812815		16.6	108.5	<0.002	0.01	1.51	10.1	1	1.7	404	0.77	<0.05	11.1	0.273	0.99	1.9
N812816		16.9	106.5	<0.002	0.02	1.69	9.6	1	1.7	382	0.77	<0.05	11.2	0.268	1.02	2.0
N812817		18.0	117.0	<0.002	0.06	2.80	9.5	1	1.7	370	0.75	0.05	13.0	0.266	1.14	2.7
N812818		46.5	140.0	<0.002	0.52	38.0	8.9	1	1.5	101.5	0.65	<0.05	11.5	0.239	2.04	4.3
N812819		24.0	152.0	<0.002	0.20	11.80	9.6	1	1.7	247	0.96	<0.05	11.4	0.260	1.89	3.8
N812820		1500	169.5	0.002	3.36	38.5	8.4	2	6.0	155.5	0.65	0.30	11.9	0.223	2.32	4.9
N812821		19.8	124.5	<0.002	0.10	4.73	9.4	1	1.7	361	0.67	<0.05	11.5	0.273	1.36	2.6
N812822		18.6	119.0	<0.002	0.06	11.00	9.9	1	1.8	280	0.75	<0.05	11.3	0.288	1.40	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201234

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814987		74	3.7	14.8	69	40.3	1
N814988		73	5.5	13.4	67	37.1	1
N814989		67	5.9	11.8	73	42.9	1
N814990		3	0.1	0.7	13	0.5	<1
N814991		76	5.0	14.7	66	37.8	<1
N814992		73	4.3	16.5	69	39.4	1
N814993		71	2.5	15.5	60	39.7	1
N814994		75	1.5	15.7	81	39.9	<1
N814995		73	1.3	15.7	79	38.7	1
N814996		77	1.4	15.1	91	40.0	1
N814997		64	4.5	15.1	52	40.3	<1
N814998		69	4.9	15.3	107	38.0	<1
N814999		73	2.0	16.3	49	43.3	<1
N815000		77	3.3	17.6	61	47.7	1
N812801		73	1.7	17.0	81	43.1	1
N812802		71	2.1	16.7	95	40.0	1
N812803		68	1.4	16.3	55	41.0	<1
N812804		74	1.6	16.8	62	44.4	1
N812805		61	3.1	14.3	86	34.3	1
N812806		4	0.1	0.8	13	<0.5	<1
N812807		70	1.9	16.2	50	35.8	1
N812808		81	2.1	17.4	108	42.4	<1
N812809		76	2.0	16.6	72	40.2	1
N812810		59	5.3	10.0	5540	27.1	25
N812811		76	1.8	15.7	183	45.8	1
N812812		78	3.0	14.0	70	46.1	<1
N812813		76	7.1	15.6	53	41.8	<1
N812814		82	2.4	16.7	62	39.6	<1
N812815		78	1.5	16.4	57	38.3	<1
N812816		78	1.6	15.4	56	37.1	<1
N812817		77	1.7	16.1	54	39.3	<1
N812818		73	4.4	13.9	104	35.5	1
N812819		74	3.1	16.0	83	40.9	<1
N812820		63	5.4	11.3	3140	35.7	9
N812821		78	2.6	15.4	63	35.3	<1
N812822		81	2.8	14.3	60	37.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201234

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201235

Project: Klaza -115

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

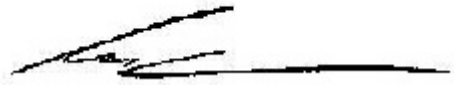
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza -115

CERTIFICATE OF ANALYSIS WH12201235

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812823		4.14	<0.005	0.32	6.88	15.0	2390	1.08	0.27	1.86	0.15	36.9	8.0	8	18.15	84.8
N812824		6.48	<0.005	0.17	7.54	6.4	2110	1.55	0.22	2.41	0.13	50.8	8.5	9	14.15	26.7
N812825		3.28	0.082	1.56	7.00	250	1310	1.23	0.34	1.44	0.59	59.5	7.6	12	13.45	10.4
N812826		3.46	<0.005	0.01	0.08	<5	20	0.06	0.02	21.0	0.06	1.46	1.1	<1	0.27	1.8
N812827		2.85	<0.005	0.20	7.28	11.0	1960	1.40	0.21	1.69	0.19	45.5	8.7	8	13.40	13.4
N812828		2.45	<0.005	0.14	7.73	20.3	2290	1.23	0.15	1.26	0.18	56.9	8.9	9	13.15	15.4
N812829		5.29	<0.005	0.17	7.07	10.1	2010	1.52	0.22	2.48	0.17	45.0	8.3	8	12.50	12.2
N812830		0.26	2.31	26.9	5.98	3210	720	1.23	19.80	2.17	76.4	47.2	12.0	18	16.25	451
N812831		8.53	<0.005	0.21	7.19	13.4	2210	1.47	0.29	2.41	0.24	46.7	7.9	10	12.25	14.5
N812832		8.45	<0.005	0.17	7.58	11.5	1970	1.42	0.33	2.26	0.18	50.7	8.4	8	13.20	16.6
N812833		7.96	<0.005	0.16	7.45	11.3	2140	1.48	0.25	2.57	0.10	50.8	8.5	9	14.30	33.4
N812834		5.39	<0.005	0.22	6.74	57.5	1480	1.35	0.27	2.46	0.14	40.9	7.4	7	14.30	18.6
N812835		2.50	0.098	2.83	6.82	206	1580	1.34	0.60	2.46	12.95	48.3	7.2	7	14.50	22.2
N812836		6.17	0.005	0.81	7.50	109.5	1500	1.36	0.24	1.27	1.32	47.5	7.5	7	18.70	22.1
N812837		2.80	0.005	0.78	7.53	118.0	1410	1.36	0.24	1.32	1.41	43.6	8.2	8	19.90	18.3
N812838		5.05	0.064	5.13	6.80	253	1670	1.49	0.83	3.37	2.71	50.3	6.0	6	24.0	15.9
N812839		4.07	<0.005	0.14	6.52	24.2	1040	1.63	0.15	2.63	0.17	44.9	6.0	28	26.1	9.2
N812840		8.82	<0.005	0.18	6.73	26.0	1300	1.80	0.07	2.89	0.07	46.8	5.7	20	33.4	4.8
N812841		0.26	4.52	>100	5.48	7740	910	1.12	57.8	1.91	217	32.5	8.9	16	11.70	1290
N812842		8.37	<0.005	0.03	6.98	20.9	1100	1.88	0.08	3.18	0.06	51.0	5.3	18	31.1	7.1
N812843		8.95	<0.005	0.05	6.60	19.4	790	1.80	0.06	3.38	0.10	50.6	5.3	24	32.9	7.4
N812844		6.66	0.023	1.76	6.48	34.6	1840	1.70	0.38	2.88	1.39	43.0	6.9	9	24.7	28.5
N812845		8.36	<0.005	0.18	6.91	13.6	1990	1.53	0.14	2.58	0.13	46.9	6.6	9	13.80	23.1
N812846		5.38	0.490	4.93	6.63	1880	1160	1.20	0.24	2.45	3.75	43.4	5.1	11	18.30	46.2
N812847		2.00	<0.005	0.01	0.07	<5	10	0.05	0.02	20.2	0.06	1.14	1.3	2	0.31	1.5
N812848		3.06	0.042	0.83	6.45	135.0	1010	1.36	0.47	2.29	1.03	51.3	5.1	11	17.35	30.6
N812849		5.02	<0.005	0.14	6.68	18.2	2100	1.29	0.17	2.45	0.12	45.7	8.0	11	12.95	39.2
N812850		3.37	0.009	0.34	6.34	77.7	1980	1.11	0.27	2.18	0.23	37.8	14.7	11	13.35	111.5
N812851		<0.02	0.014	0.39	6.69	94.0	1900	1.15	0.49	2.15	0.23	39.8	15.8	8	13.55	117.0
N812852		2.85	0.074	3.31	6.26	532	1090	1.31	1.03	3.36	5.85	47.2	8.6	7	23.2	130.0
N812853		6.26	<0.005	0.13	6.82	12.3	2060	1.33	0.13	2.55	0.14	44.5	7.6	11	13.75	27.4
N812854		7.74	<0.005	0.17	7.10	12.8	2000	1.32	0.27	2.29	0.13	43.9	5.8	10	12.40	19.2
N812855		3.55	0.005	0.19	7.13	41.4	1970	1.26	0.24	2.72	0.13	45.4	6.9	9	11.70	12.5
N812856		2.52	0.075	0.67	6.68	233	2030	1.15	0.64	2.73	2.36	40.4	8.2	8	15.90	19.4
N812857		4.54	<0.005	0.12	7.15	11.6	2130	1.33	0.24	2.68	0.12	44.0	6.3	15	17.25	18.2
N812858		2.66	0.006	0.24	6.42	23.8	1950	1.22	0.24	3.42	0.28	41.7	8.2	12	20.3	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza -115

CERTIFICATE OF ANALYSIS WH12201235

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812823		2.76	15.85	0.13	1.2	0.051	3.05	18.9	19.4	0.64	831	1.42	0.62	8.0	2.8	560
N812824		2.90	20.4	0.14	1.7	0.047	2.77	26.4	13.2	0.74	638	1.66	2.30	11.1	3.5	580
N812825		2.48	18.25	0.17	1.6	0.122	3.16	33.3	25.6	0.51	1380	2.41	0.46	10.1	2.7	470
N812826		0.50	0.32	0.11	<0.1	<0.005	0.03	0.7	0.7	13.40	208	0.05	0.01	0.4	3.1	180
N812827		2.97	19.85	0.19	1.7	0.054	3.04	23.0	23.1	0.43	723	2.04	0.91	10.1	3.1	570
N812828		2.95	20.5	0.18	1.7	0.051	2.91	31.3	27.1	0.42	745	1.66	0.57	10.9	3.1	610
N812829		2.90	20.0	0.18	1.6	0.053	2.75	22.8	12.6	0.72	688	1.71	2.17	10.7	3.2	570
N812830		6.56	17.30	0.23	0.9	1.720	2.59	26.5	23.9	0.93	1860	14.00	0.04	7.3	17.2	430
N812831		3.10	19.75	0.17	1.6	0.063	2.90	23.6	13.6	0.74	749	1.86	2.08	10.5	3.4	590
N812832		3.20	20.4	0.19	1.5	0.057	2.88	26.5	16.7	0.78	770	2.22	1.93	10.4	3.6	630
N812833		3.05	19.65	0.19	1.6	0.044	2.83	26.5	12.8	0.81	675	1.51	2.26	9.9	3.4	600
N812834		2.96	18.85	0.17	1.4	0.091	2.76	20.5	16.6	0.87	1020	1.60	1.23	9.7	3.2	570
N812835		3.13	17.85	0.19	1.4	0.309	2.51	26.1	18.3	0.92	1330	1.47	1.31	9.5	3.6	530
N812836		2.75	20.3	0.18	1.4	0.045	3.53	25.1	23.6	0.53	1600	2.15	0.31	10.0	3.1	610
N812837		2.80	20.8	0.18	1.4	0.045	3.60	22.1	26.1	0.54	1680	2.11	0.31	10.6	3.3	640
N812838		2.96	17.95	0.19	1.3	0.109	3.36	28.5	13.2	1.01	3670	3.62	0.03	8.8	4.0	540
N812839		2.02	22.7	0.16	3.9	0.023	2.49	22.2	73.9	0.83	549	0.85	0.06	10.9	21.4	580
N812840		2.13	20.5	0.14	2.7	0.023	2.65	23.6	58.2	0.86	511	0.63	0.12	10.8	14.0	700
N812841		8.02	13.60	0.19	1.0	4.42	2.25	16.8	31.1	0.64	2950	14.70	0.07	6.1	13.0	430
N812842		2.11	20.2	0.16	2.5	0.033	2.84	25.8	31.0	0.83	505	0.58	0.17	9.4	12.0	750
N812843		2.11	19.70	0.17	3.3	0.029	2.45	26.3	114.0	0.96	513	1.10	0.34	9.8	16.3	660
N812844		2.65	16.70	0.18	1.5	0.063	3.12	23.4	26.1	0.84	1430	1.38	0.92	8.8	6.0	570
N812845		2.87	16.35	0.15	1.5	0.045	2.84	24.0	15.0	0.79	891	1.74	1.99	8.3	3.0	610
N812846		2.94	13.75	0.10	1.1	0.093	3.38	22.6	16.9	0.75	5570	2.07	0.04	6.6	2.3	520
N812847		0.46	0.22	<0.05	<0.1	0.005	0.03	0.5	0.9	12.65	209	0.06	0.01	0.2	3.0	160
N812848		2.47	14.25	0.10	1.6	0.196	3.95	26.3	14.4	0.71	2450	2.92	0.11	7.5	1.8	460
N812849		2.72	15.00	0.09	1.6	0.045	3.00	22.9	10.1	0.70	633	1.58	2.02	8.6	2.6	560
N812850		2.75	14.90	0.09	1.5	0.133	2.98	18.6	29.2	0.67	822	2.04	1.36	8.4	2.6	580
N812851		2.76	15.25	0.10	1.6	0.141	3.00	20.0	30.4	0.70	808	2.29	1.35	8.7	2.5	590
N812852		3.04	13.80	0.12	1.4	0.328	2.91	26.9	22.0	1.12	2210	8.94	0.06	7.6	3.0	510
N812853		2.93	15.70	0.11	1.6	0.043	2.87	22.0	12.8	0.74	643	1.44	2.06	8.8	2.8	610
N812854		3.07	15.45	0.10	1.5	0.067	2.97	22.5	12.3	0.76	646	2.50	2.30	8.6	2.9	600
N812855		3.00	15.90	0.10	1.3	0.052	2.95	22.5	13.1	0.81	1180	1.65	1.93	8.8	2.7	600
N812856		2.89	14.90	0.10	1.4	0.104	3.44	20.5	17.5	0.82	1640	1.06	0.82	8.8	2.6	560
N812857		3.29	16.70	0.11	1.9	0.096	2.86	20.5	12.5	0.87	767	1.41	2.46	10.5	5.3	730
N812858		3.19	15.25	0.09	1.9	0.084	3.24	20.5	19.3	1.04	1220	2.76	0.85	9.3	4.8	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza -115

CERTIFICATE OF ANALYSIS WH12201235

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812823		19.4	116.0	<0.002	0.07	21.7	10.6	1	1.5	132.5	0.53	<0.05	10.9	0.240	1.62	4.7
N812824		23.2	124.0	<0.002	0.01	2.15	12.7	1	1.9	350	0.80	<0.05	15.1	0.250	1.18	4.6
N812825		70.8	148.5	<0.002	0.27	21.0	11.4	1	1.9	106.5	0.82	<0.05	19.7	0.215	1.91	4.0
N812826		1.3	2.0	<0.002	<0.01	<0.05	0.4	1	<0.2	49.4	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N812827		24.5	123.5	<0.002	0.03	14.35	12.1	1	1.9	166.5	0.76	<0.05	13.7	0.257	1.46	3.1
N812828		23.6	132.5	<0.002	0.03	20.9	14.4	1	1.9	105.5	0.75	<0.05	17.0	0.269	1.34	3.5
N812829		26.2	111.0	<0.002	0.01	3.66	13.0	1	1.9	340	0.75	<0.05	12.9	0.253	1.24	3.6
N812830		2790	166.0	<0.002	4.72	88.0	9.6	2	8.8	97.1	0.50	0.37	11.2	0.178	2.37	5.4
N812831		25.3	113.5	<0.002	0.03	5.08	12.9	1	2.1	324	0.73	<0.05	12.4	0.263	1.29	3.6
N812832		27.0	117.0	<0.002	0.02	7.75	14.3	1	2.2	303	0.70	<0.05	14.1	0.274	1.33	3.8
N812833		22.6	114.0	<0.002	0.03	2.20	13.5	1	2.1	364	0.70	<0.05	14.7	0.261	1.29	4.2
N812834		18.4	109.0	<0.002	0.12	6.85	12.7	1	1.9	203	0.64	<0.05	11.6	0.247	1.73	4.8
N812835		573	120.5	<0.002	0.73	11.35	11.7	1	2.2	245	0.72	<0.05	13.9	0.229	1.57	6.5
N812836		58.3	155.0	<0.002	0.35	14.95	13.9	1	2.1	129.5	0.71	<0.05	14.7	0.261	2.21	4.3
N812837		59.3	148.5	<0.002	0.33	14.65	14.3	1	2.4	136.5	0.75	<0.05	14.1	0.272	2.28	4.7
N812838		577	185.0	<0.002	1.15	14.95	11.8	1	2.7	202	0.62	<0.05	14.5	0.228	2.53	8.0
N812839		59.4	64.6	<0.002	0.03	6.50	7.2	1	1.7	573	0.75	<0.05	9.1	0.259	1.16	4.0
N812840		19.3	74.3	<0.002	0.03	3.45	6.6	1	1.6	709	0.71	<0.05	8.9	0.269	1.10	2.9
N812841		9480	126.0	<0.002	6.99	214	7.4	2	8.9	123.5	0.43	0.45	8.9	0.180	2.07	5.4
N812842		18.3	97.0	<0.002	0.02	2.83	6.5	1	1.7	765	0.70	<0.05	9.6	0.262	1.12	2.8
N812843		17.2	86.1	<0.002	0.01	3.49	6.1	1	1.6	682	0.68	<0.05	9.4	0.262	0.99	3.3
N812844		107.5	139.0	<0.002	0.10	7.39	10.3	1	2.6	377	0.66	<0.05	12.1	0.235	1.80	3.1
N812845		21.4	112.5	<0.002	0.07	3.00	10.9	1	1.7	386	0.74	<0.05	13.2	0.249	1.41	4.0
N812846		244	186.5	<0.002	1.66	43.5	8.8	1	2.1	128.5	0.57	<0.05	12.6	0.220	2.66	4.6
N812847		1.3	2.2	<0.002	0.02	0.08	0.3	1	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N812848		63.0	184.5	<0.002	0.60	12.35	8.2	1	1.7	129.0	0.86	<0.05	16.8	0.190	2.73	6.3
N812849		19.1	107.0	<0.002	0.10	2.41	8.8	1	1.8	342	0.74	<0.05	12.2	0.245	1.36	3.8
N812850		11.8	103.0	<0.002	0.23	26.0	8.7	1	2.0	225	0.73	<0.05	10.1	0.246	1.72	3.2
N812851		11.9	115.0	<0.002	0.25	27.1	9.2	1	2.0	224	0.71	<0.05	10.8	0.251	1.69	3.2
N812852		377	173.0	<0.002	1.09	47.0	8.4	1	2.2	147.0	0.62	0.09	12.1	0.206	2.81	5.6
N812853		20.1	100.5	<0.002	0.06	3.03	9.4	1	1.9	353	0.70	<0.05	11.5	0.257	1.24	3.5
N812854		17.2	110.0	<0.002	0.03	3.30	9.7	1	1.8	375	0.68	<0.05	10.9	0.256	1.30	3.3
N812855		18.6	112.0	<0.002	0.14	4.01	9.7	1	1.7	356	0.64	<0.05	10.4	0.261	1.44	3.3
N812856		63.6	142.0	<0.002	0.32	13.70	8.5	1	1.9	198.0	0.71	0.05	10.8	0.247	2.17	3.8
N812857		15.1	97.5	<0.002	0.03	4.73	10.5	1	2.3	401	0.78	<0.05	9.4	0.302	1.42	3.9
N812858		19.6	107.5	<0.002	0.18	6.19	8.7	1	2.0	248	0.71	<0.05	10.5	0.254	2.04	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza -115

CERTIFICATE OF ANALYSIS WH12201235

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812823		65	2.1	14.3	57	35.5	1	
N812824		67	1.3	20.2	51	49.0	<1	
N812825		58	3.1	16.4	116	43.0	2	
N812826		3	0.1	1.0	12	<0.5	<1	
N812827		67	3.9	17.1	62	47.5	1	
N812828		71	5.3	19.9	59	50.3	1	
N812829		67	1.9	18.2	56	45.9	1	
N812830		55	5.3	11.1	5250	26.2	26	
N812831		69	2.0	17.7	62	46.7	1	
N812832		74	2.3	19.4	61	45.4	1	
N812833		70	2.0	18.6	52	48.0	1	
N812834		65	1.9	15.8	58	44.1	<1	
N812835		62	2.5	17.5	1340	41.8	3	
N812836		68	3.8	16.5	138	43.0	1	
N812837		73	3.8	15.6	138	43.0	1	
N812838		59	3.0	18.4	245	40.7	5	
N812839		49	1.4	11.2	59	146.5	1	
N812840		48	1.1	11.6	57	95.8	1	
N812841		52	4.3	9.5	>10000	30.8	115	1.615
N812842		50	1.0	11.8	56	85.4	1	
N812843		48	0.8	12.2	56	129.0	1	
N812844		60	2.2	16.2	125	47.9	2	
N812845		68	2.6	16.2	44	42.5	1	
N812846		60	5.4	12.9	439	32.0	6	
N812847		2	0.1	0.8	12	<0.5	<1	
N812848		51	3.6	14.3	125	42.4	1	
N812849		67	2.0	15.4	44	42.4	<1	
N812850		69	2.8	12.9	65	41.0	1	
N812851		70	2.9	14.1	66	44.0	1	
N812852		59	7.1	15.6	481	39.5	3	
N812853		72	1.0	16.2	49	45.2	<1	
N812854		71	1.8	15.8	57	41.8	<1	
N812855		73	2.0	16.2	50	35.3	<1	
N812856		64	3.6	12.8	379	39.4	1	
N812857		86	2.2	16.8	58	57.5	<1	
N812858		72	1.9	14.9	74	57.7	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza -115

CERTIFICATE OF ANALYSIS WH12201235

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201236

Project: Klaza - 115

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

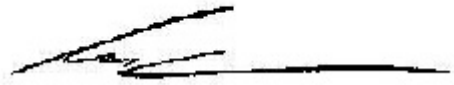
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201236

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814754		4.54	<0.005	0.13	7.08	10.9	2380	1.51	0.16	2.97	0.10	42.0	7.7	21	14.25	7.7
N812859		3.28	0.072	1.99	7.67	297	1220	1.56	0.33	2.85	2.34	47.0	7.7	15	23.3	15.0
N812860		2.56	<0.005	<0.01	0.06	<5	20	0.05	0.01	21.3	0.06	1.27	1.5	<1	0.18	1.8
N812861		4.52	0.076	0.99	7.05	33.2	1960	1.44	2.57	3.48	2.42	48.6	9.6	18	19.75	69.8
N812862		3.83	<0.005	0.19	7.07	8.8	2200	1.48	0.14	2.99	0.12	49.2	10.5	23	13.55	22.5
N812863		0.26	4.53	>100	5.52	8660	1490	1.22	63.1	2.01	238	44.1	9.4	17	12.10	1270
N812864		6.78	<0.005	0.40	6.91	25.0	2100	1.56	0.36	2.58	0.23	43.2	19.4	21	17.30	56.1
N812865		2.48	0.005	0.34	7.24	41.7	2570	1.59	1.10	3.30	0.18	47.0	11.2	19	23.3	58.0
N812866		2.82	0.589	1.57	7.37	1320	2650	1.74	0.28	3.47	6.36	48.9	10.8	14	27.5	87.8
N812867		1.81	<0.005	0.20	7.27	31.1	900	1.91	0.17	3.63	0.36	51.3	5.6	14	12.40	8.5
N812868		0.76	0.008	0.17	6.80	58.7	880	1.74	0.17	3.04	0.30	46.4	4.9	13	11.35	7.9
N812869		2.49	0.325	4.53	6.78	651	2170	1.55	0.24	3.81	20.6	44.2	10.1	13	22.9	50.7
N812870		2.60	0.016	0.55	7.20	35.7	2680	1.45	0.14	2.96	1.08	41.5	8.2	18	17.80	47.4
N812871		2.33	0.109	4.87	7.16	289	1770	1.48	1.21	2.86	6.65	44.7	11.0	18	19.00	151.5
N812872		3.79	<0.005	0.34	7.60	11.7	2000	1.42	0.64	2.75	0.16	51.8	10.1	22	14.95	89.6
N812873		2.49	0.061	5.93	7.72	201	1720	1.71	3.39	2.54	4.99	51.8	11.0	20	16.20	283
N812874		4.52	0.005	0.43	7.85	12.9	2610	1.42	0.30	2.92	0.17	48.5	10.7	13	10.35	201
N812875		2.44	0.005	0.37	8.52	15.1	2110	1.13	0.28	1.09	0.12	50.3	10.9	12	12.55	206
N812876		<0.02	0.007	0.38	7.27	14.4	2030	1.09	0.26	1.00	0.10	29.7	10.2	12	11.45	205
N812877		2.64	0.025	1.93	6.82	81.1	1710	1.40	0.53	2.39	0.68	42.8	11.9	9	15.05	592
N812878		3.05	0.028	0.67	7.21	10.7	2220	1.38	0.44	2.75	0.14	45.8	12.6	10	9.92	530
N812879		6.35	0.006	0.40	7.38	11.0	2120	1.49	0.29	2.82	0.14	45.0	10.6	14	10.80	210
N812880		2.97	0.006	0.20	7.35	15.1	1390	1.67	1.73	6.77	0.15	47.1	4.4	8	27.8	13.3
N812881		4.56	0.008	0.43	7.52	24.9	2350	1.45	0.27	2.54	0.29	43.9	9.4	12	13.35	284
N812882		5.10	0.089	2.45	7.12	257	1720	1.46	1.62	2.20	3.58	42.9	9.7	9	22.7	313
N812883		4.16	0.051	1.72	7.07	408	2040	1.30	0.43	2.53	3.24	44.4	17.4	14	13.65	320
N812884		3.08	<0.005	0.01	0.09	<5	20	0.07	0.03	22.0	0.06	1.32	1.1	<1	0.43	2.1
N812885		4.62	0.019	0.47	6.85	52.6	1280	1.48	0.46	2.50	0.66	39.4	9.1	12	22.6	91.6
N812886		6.10	<0.005	0.29	7.59	10.2	2270	1.57	0.29	2.83	0.16	46.3	8.4	11	15.60	276
N812887		7.12	0.005	0.28	7.53	9.6	2300	1.54	0.26	2.87	0.14	42.2	8.7	14	14.30	251
N812888		3.18	<0.005	0.66	7.11	46.5	1400	1.50	0.23	3.13	0.50	44.8	9.2	11	20.9	101.5
N812889		5.89	<0.005	0.14	7.68	8.2	2340	1.56	0.42	2.77	0.12	45.1	7.8	17	12.05	83.1
N812890		0.26	2.29	26.3	6.07	3680	1870	1.29	20.2	2.36	80.2	45.7	10.7	18	15.70	449
N812891		8.09	0.005	0.32	7.66	12.4	2420	1.57	0.26	2.68	0.14	45.5	10.0	12	10.15	187.5
N812892		3.16	0.079	1.14	7.11	207	1990	1.48	0.43	2.78	1.26	44.6	11.3	15	14.30	35.5
N812893		6.01	0.005	0.15	7.22	9.6	2240	1.59	0.15	2.71	0.08	42.8	7.8	11	11.35	74.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201236

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814754		3.23	15.75	0.11	1.2	0.056	3.00	20.2	12.4	0.78	734	1.84	1.87	7.9	2.7	600
N812859		3.79	16.70	0.13	1.6	0.131	3.60	22.6	18.7	0.87	2960	2.33	0.15	8.6	3.6	700
N812860		0.49	0.23	0.10	<0.1	<0.005	0.02	0.6	0.8	12.95	224	0.11	0.01	0.4	3.0	220
N812861		3.71	16.10	0.14	2.3	0.069	3.34	23.0	31.1	1.09	1800	2.89	0.78	9.6	4.5	870
N812862		3.28	15.60	0.13	1.8	0.052	2.92	24.0	7.7	1.00	809	2.83	2.11	8.3	4.3	760
N812863		8.12	13.40	0.22	1.1	4.53	2.33	23.4	34.7	0.66	3170	16.70	0.09	5.6	13.2	450
N812864		2.59	15.40	0.11	1.3	0.107	3.28	21.2	20.0	0.75	761	2.56	1.46	7.9	2.5	560
N812865		3.24	18.00	0.12	1.2	0.194	3.32	23.9	17.7	1.06	1090	1.90	0.77	7.3	2.6	560
N812866		3.03	15.75	0.13	1.1	0.097	3.33	25.4	20.5	1.10	2630	10.35	0.23	7.3	2.9	550
N812867		2.77	19.15	0.12	3.5	0.032	2.24	24.7	53.9	0.71	881	0.95	0.21	10.7	4.4	1020
N812868		2.51	17.90	0.12	3.8	0.029	2.33	21.8	50.5	0.64	793	0.71	0.12	9.7	4.1	990
N812869		3.06	14.90	0.12	1.1	0.066	2.99	21.6	16.5	0.97	2870	2.93	1.17	7.2	2.9	580
N812870		3.06	16.40	0.12	1.1	0.046	2.92	20.2	9.0	0.75	823	2.13	2.08	8.1	2.9	640
N812871		3.42	16.55	0.14	1.1	0.177	2.95	22.2	31.3	0.99	1360	8.42	0.77	7.2	3.5	590
N812872		3.40	17.50	0.14	2.0	0.062	2.97	24.4	37.5	0.95	899	1.96	1.20	9.5	7.8	760
N812873		4.05	17.20	0.16	1.9	0.107	3.37	24.2	17.4	0.91	3160	2.76	1.02	9.5	6.9	720
N812874		3.17	16.95	0.14	1.1	0.077	2.97	23.8	13.5	0.91	646	2.17	2.37	8.6	2.9	650
N812875		2.81	17.15	0.13	1.1	0.075	3.05	26.0	40.9	0.49	696	5.06	0.24	8.0	2.6	700
N812876		2.64	16.55	0.12	1.1	0.072	2.94	13.3	39.1	0.41	662	1.85	0.23	7.8	2.4	650
N812877		2.98	16.00	0.14	1.0	0.089	2.86	21.3	70.1	0.74	1160	1.66	0.78	7.7	2.9	580
N812878		3.03	15.55	0.12	1.0	0.093	2.91	22.3	12.5	0.84	635	2.00	2.19	8.0	2.6	610
N812879		2.98	16.25	0.14	1.2	0.088	3.07	22.1	14.1	0.81	733	2.71	2.16	8.4	2.8	610
N812880		4.69	21.1	0.15	1.1	0.281	2.22	23.1	28.1	0.82	1580	0.85	1.84	8.4	2.3	670
N812881		2.81	15.80	0.10	1.1	0.068	2.96	21.2	26.5	0.78	657	2.47	1.97	8.3	2.8	610
N812882		3.15	15.35	0.11	1.0	0.153	2.74	21.0	48.7	0.78	1230	12.40	0.50	7.9	3.2	580
N812883		3.33	14.05	0.10	0.9	0.130	2.54	23.1	107.5	0.93	2280	1.96	0.03	7.6	2.8	580
N812884		0.49	0.24	<0.05	<0.1	<0.005	0.04	0.6	1.3	12.95	220	0.18	0.01	0.2	2.8	170
N812885		2.75	16.05	0.08	1.0	0.080	2.54	18.8	75.2	0.80	961	3.49	0.66	8.3	2.7	560
N812886		3.07	16.15	0.09	1.0	0.076	2.84	22.3	19.4	0.87	583	4.11	2.25	8.8	2.7	630
N812887		3.08	16.20	0.09	1.0	0.076	2.82	20.1	19.0	0.80	591	1.74	2.29	8.4	3.0	620
N812888		2.94	14.50	0.09	0.9	0.056	2.66	23.1	72.7	1.05	1370	1.65	0.08	7.5	2.8	530
N812889		3.07	15.85	0.10	1.0	0.048	2.82	21.6	19.0	0.84	597	2.10	2.37	8.4	2.6	620
N812890		6.91	13.20	0.13	0.8	1.740	2.73	25.2	26.4	0.95	1980	14.65	0.04	6.0	15.1	460
N812891		3.10	16.00	0.10	1.0	0.060	2.97	21.9	17.9	0.85	815	1.61	2.39	8.5	3.0	630
N812892		3.20	15.25	0.11	1.0	0.095	3.07	21.7	31.4	0.79	3000	2.26	1.49	8.0	2.7	580
N812893		2.94	15.70	0.11	1.1	0.053	2.91	20.7	16.2	0.78	684	1.70	2.18	8.3	2.9	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201236

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N814754		15.5	113.5	<0.002	0.06	3.75	8.9	1	1.8	360	0.69	<0.05	10.1	0.272	1.37	3.2
N812859		62.8	157.0	<0.002	2.05	26.6	10.8	1	2.5	152.0	0.77	<0.05	11.5	0.288	2.80	8.3
N812860		1.0	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	38.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812861		168.0	125.0	<0.002	0.24	13.95	11.2	1	2.1	285	0.98	<0.05	11.0	0.312	1.98	4.7
N812862		31.8	108.5	<0.002	0.06	2.74	10.7	1	1.9	424	0.75	<0.05	11.9	0.296	1.20	3.9
N812863		>10000	155.0	<0.002	7.35	231	7.4	3	8.9	133.5	0.46	0.54	10.9	0.189	2.20	5.8
N812864		17.1	137.5	<0.002	0.18	6.93	8.8	2	2.1	275	0.73	<0.05	11.8	0.240	1.74	3.8
N812865		12.9	138.5	<0.002	0.26	13.25	8.5	2	2.6	216	0.69	<0.05	11.4	0.251	2.29	4.8
N812866		38.3	140.5	<0.002	0.74	35.7	8.8	2	2.6	204	0.67	0.05	12.2	0.245	2.24	4.3
N812867		16.7	55.4	<0.002	0.05	15.05	4.5	1	1.6	208	0.82	0.05	7.9	0.326	1.16	3.9
N812868		15.2	52.8	<0.002	0.06	15.90	3.8	1	1.4	179.5	0.86	<0.05	7.0	0.309	1.19	3.6
N812869		95.9	119.0	<0.002	0.82	21.7	8.3	2	2.0	302	0.59	0.06	10.5	0.252	1.87	3.9
N812870		16.4	109.5	<0.002	0.14	4.34	9.8	2	1.8	401	0.59	<0.05	9.3	0.279	1.27	2.9
N812871		725	110.0	<0.002	0.61	36.8	9.0	2	2.1	234	0.66	0.10	10.3	0.265	1.77	4.1
N812872		17.1	105.5	<0.002	0.10	12.25	11.6	2	2.3	289	0.81	<0.05	11.7	0.344	1.33	3.5
N812873		335	153.0	<0.002	1.70	54.5	11.2	2	3.4	228	0.80	0.05	12.2	0.301	2.12	4.3
N812874		17.0	110.5	<0.002	0.21	2.21	9.9	2	2.6	424	0.67	0.05	12.4	0.288	1.11	3.3
N812875		14.4	132.5	<0.002	0.21	28.0	10.8	2	2.3	97.0	0.70	<0.05	15.0	0.308	1.32	4.2
N812876		14.0	107.0	<0.002	0.20	27.6	8.9	2	2.2	91.7	0.71	<0.05	9.8	0.300	1.34	3.9
N812877		26.8	125.5	<0.002	0.37	118.0	9.6	2	2.1	206	0.62	0.05	10.7	0.252	1.56	3.2
N812878		16.5	113.0	<0.002	0.22	3.28	9.4	2	2.1	383	0.65	0.06	11.2	0.275	1.25	3.3
N812879		15.2	122.0	<0.002	0.11	4.94	9.3	2	2.1	361	0.69	<0.05	11.5	0.280	1.33	3.8
N812880		17.0	94.3	<0.002	0.06	18.10	8.7	1	4.4	408	0.75	<0.05	10.5	0.284	1.46	4.3
N812881		26.7	110.0	<0.002	0.22	9.03	10.4	2	2.8	369	0.69	<0.05	11.3	0.266	1.22	4.3
N812882		250	108.5	0.002	0.72	52.3	10.3	2	2.3	163.5	0.67	0.12	11.5	0.257	1.60	6.6
N812883		125.5	113.5	<0.002	0.91	112.5	10.0	2	2.1	107.0	0.64	0.06	12.3	0.248	1.82	13.2
N812884		1.8	2.2	<0.002	0.01	0.20	0.4	1	<0.2	38.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812885		47.0	99.9	<0.002	0.23	21.0	9.9	1	1.9	225	0.73	<0.05	11.2	0.245	1.70	5.0
N812886		17.1	110.0	<0.002	0.16	3.86	11.1	2	2.1	392	0.73	<0.05	12.7	0.276	1.18	4.7
N812887		17.4	101.5	<0.002	0.17	2.46	10.4	2	2.1	395	0.70	<0.05	11.1	0.271	1.12	4.2
N812888		19.7	116.5	<0.002	0.27	42.5	9.9	1	2.1	142.5	0.58	<0.05	10.9	0.244	2.00	5.8
N812889		17.4	101.5	<0.002	0.10	1.70	10.5	1	1.9	418	0.69	<0.05	11.4	0.267	1.06	3.8
N812890		3040	163.0	<0.002	5.04	91.0	8.2	1	8.0	88.7	0.48	0.38	11.0	0.192	2.14	5.3
N812891		19.8	105.5	<0.002	0.16	1.69	10.6	1	2.0	426	0.71	<0.05	12.0	0.271	1.15	4.1
N812892		93.3	123.0	<0.002	0.50	25.5	10.2	1	2.2	292	0.70	<0.05	11.7	0.250	1.59	4.7
N812893		16.6	105.5	<0.002	0.09	2.49	10.3	1	1.9	381	0.68	<0.05	11.2	0.259	1.17	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201236

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
N814754		74	2.0	13.4	51	30.4	<1		
N812859		90	6.2	14.4	214	40.4	2		
N812860		2	0.1	0.8	14	<0.5	<1		
N812861		108	5.0	17.3	284	59.8	<1		
N812862		96	2.1	17.1	56	51.4	<1		
N812863		56	4.5	10.6	>10000	33.1	120	0.974	1.650
N812864		67	2.7	13.2	65	33.9	<1		
N812865		85	2.7	15.5	67	31.9	<1		
N812866		70	3.4	14.1	512	29.9	1		
N812867		55	1.9	8.4	96	124.0	<1		
N812868		49	1.9	6.9	88	117.0	<1		
N812869		70	1.9	13.1	1470	27.6	5		
N812870		79	1.3	14.7	113	30.0	<1		
N812871		77	4.8	13.0	562	23.5	5		
N812872		96	2.1	18.2	64	57.5	<1		
N812873		85	6.0	19.0	623	57.0	5		
N812874		81	1.4	17.0	52	27.2	<1		
N812875		82	5.5	15.0	40	25.5	<1		
N812876		80	5.6	10.1	39	24.2	<1		
N812877		74	3.8	14.2	95	24.4	1		
N812878		77	1.8	15.7	50	24.7	<1		
N812879		77	2.3	15.4	51	28.4	1		
N812880		99	5.3	19.3	54	25.9	<1		
N812881		74	1.9	15.6	56	29.0	<1		
N812882		74	4.9	14.2	274	28.3	3		
N812883		72	5.0	13.6	238	24.8	2		
N812884		3	1.6	0.8	14	0.5	<1		
N812885		72	3.2	13.6	86	27.8	1		
N812886		78	1.6	16.2	51	27.6	1		
N812887		75	2.4	15.0	51	28.1	<1		
N812888		70	4.2	15.6	78	25.6	<1		
N812889		76	1.4	15.5	47	27.4	1		
N812890		61	5.3	10.1	5710	24.6	25		
N812891		75	1.6	15.3	53	28.5	1		
N812892		70	2.2	14.9	207	26.9	1		
N812893		73	1.3	14.7	45	29.9	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201236

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201237

Project: Klaza - 115

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201237

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
N812930		5.45	>10.0	13.75	>100	4.32	>10000	280	0.98	2.97	2.05	184.5	29.9	8.5	10	12.30
N812931		3.19	<0.005		0.02	0.08	<5	20	0.06	0.05	20.2	0.11	1.21	1.2	<1	0.33
N812932		3.53	0.018		0.93	6.63	59.6	1330	1.32	0.83	2.66	3.15	51.4	16.5	10	18.05
N812933		5.90	0.088		0.83	6.23	94.7	1050	1.40	1.03	3.04	0.70	50.1	15.2	10	20.0
N812934		4.58	0.556		1.21	7.03	93.1	1230	1.41	0.27	2.23	0.58	49.4	10.1	14	20.9
N812935		3.50	0.009		0.63	7.07	34.2	2000	1.73	0.39	2.40	0.16	51.1	9.2	13	26.5
N812936		1.34	0.008		0.61	7.10	41.1	2000	1.80	0.24	2.29	0.19	46.8	7.9	13	28.0
N812937		2.26	0.030		1.08	6.56	108.5	1790	1.47	0.41	2.59	0.28	44.2	10.0	12	21.9
N812938		1.69	0.010		0.79	7.00	69.0	1010	1.62	0.32	2.78	0.48	52.1	9.0	13	33.3
N812939		3.59	0.005		0.42	6.90	50.4	2720	1.71	0.30	2.31	0.26	43.9	7.6	15	31.5
N812940		3.00	0.016		2.65	6.98	142.5	3270	2.22	0.50	2.53	18.10	53.8	9.9	10	34.4
N812941		4.07	<0.005		0.29	7.72	57.2	600	1.97	0.10	2.80	0.36	80.6	10.3	42	40.7
N812942		2.80	0.391		4.54	6.07	530	320	1.37	1.63	1.73	10.80	44.5	22.3	13	13.40
N812943		6.08	<0.005		0.34	7.02	18.1	2150	1.73	0.19	2.54	0.81	48.1	7.7	12	18.65
N812944		0.23	4.37		>100	5.51	6460	1020	1.37	64.0	2.01	231	34.9	10.3	17	12.70
N812945		2.44	<0.005		0.15	7.20	7.1	2130	1.63	0.14	2.51	0.17	44.8	8.0	14	18.45
N812946		6.65	<0.005		0.14	7.68	6.1	2320	1.78	0.13	2.70	0.13	56.6	7.7	11	13.15
N812947		5.35	<0.005		0.15	6.54	13.1	3670	1.62	0.30	2.97	0.14	42.9	8.0	19	19.80
N812948		2.42	<0.005		0.01	0.11	<5	40	0.09	0.02	20.9	0.06	1.43	1.7	<1	0.47
N812949		4.35	0.012		0.20	6.93	26.0	840	1.26	0.52	2.85	0.19	44.4	10.2	12	13.25
N812950		6.35	<0.005		0.15	7.57	16.2	1630	1.23	0.19	1.81	0.13	52.7	8.9	10	19.25
N812951		6.80	<0.005		0.16	6.48	13.3	3880	1.40	0.55	2.92	0.06	42.6	19.0	14	11.35
N812952		7.74	<0.005		0.11	7.30	6.7	4360	1.56	0.26	2.68	0.10	51.5	7.2	13	12.90
N812953		0.23	2.30		25.0	5.97	2650	1270	1.39	20.3	2.23	80.4	45.2	11.1	17	16.25
N812954		7.40	0.015		0.14	7.39	5.7	2270	1.71	0.20	2.66	0.15	52.1	7.3	14	6.43
N812955		5.30	<0.005		0.21	7.37	17.5	2210	1.63	0.26	2.73	0.22	54.3	8.0	11	10.10
N812956		4.30	<0.005		0.12	7.18	6.9	2320	1.59	0.23	2.60	0.12	49.7	8.9	15	12.80
N812957		<0.02	<0.005		0.11	7.22	7.4	2280	1.61	0.21	2.57	0.11	50.9	8.5	17	12.60
N812958		2.56	0.096		0.36	6.74	24.8	2200	1.50	1.89	2.39	0.67	47.7	6.6	11	11.75
N812959		7.15	<0.005		0.11	7.43	4.4	2250	1.65	0.15	2.55	0.09	56.7	7.1	14	8.26
N812960		2.47	<0.005		0.12	6.82	9.0	1970	1.67	0.18	2.74	0.10	43.3	6.6	10	20.7
N812961		4.97	<0.005		0.11	7.15	7.7	2210	1.59	0.19	2.48	0.08	48.1	6.4	13	12.90
N812962		3.09	<0.005		0.21	6.79	11.4	2230	1.60	0.66	2.75	0.12	42.3	11.5	14	13.15
N812963		8.56	<0.005		0.15	7.20	11.7	2260	1.64	0.16	2.49	0.12	53.7	6.6	15	9.22
N812964		7.40	0.005		0.21	7.27	50.8	2150	1.65	0.22	2.33	0.14	51.7	5.2	11	11.85
N812965		4.63	0.286		0.94	6.52	176.5	470	1.46	4.93	2.17	0.67	38.2	128.5	10	10.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201237

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N812930		1160	6.31	10.60	0.15	0.7	0.555	1.89	15.5	30.0	0.69	6170	12.10	0.02	4.6	1.8
N812931		3.6	0.45	0.27	0.05	<0.1	0.005	0.04	0.6	1.5	12.50	202	0.18	0.01	0.3	1.3
N812932		13.5	3.87	15.60	0.12	1.1	0.250	2.91	29.4	92.8	1.04	3270	5.23	0.02	7.5	2.7
N812933		71.4	4.24	15.80	0.15	0.9	0.186	2.52	27.9	73.6	1.19	2380	6.30	0.02	6.8	2.9
N812934		282	2.81	16.25	0.11	1.3	0.083	2.93	26.7	90.2	0.85	1290	1.96	0.06	8.2	2.9
N812935		297	2.86	16.70	0.15	1.3	0.058	2.86	26.3	67.1	0.75	746	1.74	1.40	8.3	2.7
N812936		266	2.82	16.45	0.14	1.3	0.049	2.86	24.0	96.9	0.72	709	1.56	1.31	8.8	2.6
N812937		460	2.81	15.35	0.14	1.2	0.077	2.92	22.9	53.4	0.82	1180	2.89	0.74	7.9	2.9
N812938		336	2.62	16.35	0.14	1.3	0.071	2.87	28.5	147.0	1.03	969	1.77	0.11	8.4	3.1
N812939		247	2.73	15.95	0.14	1.4	0.070	2.82	23.2	136.0	0.69	764	2.19	0.84	8.4	2.9
N812940		212	3.11	16.20	0.16	1.4	0.331	2.91	30.2	41.8	1.04	2360	4.49	0.04	8.4	4.7
N812941		16.9	3.65	19.35	0.21	4.8	0.043	2.26	42.7	290	1.50	1420	2.46	0.04	11.7	15.8
N812942		30.9	5.50	14.95	0.18	1.1	0.225	2.74	25.1	43.4	0.63	2570	7.24	0.02	7.1	4.2
N812943		17.6	2.95	17.35	0.12	1.4	0.076	3.24	24.5	20.6	0.72	971	1.34	1.63	8.7	2.7
N812944		1315	8.27	14.50	0.24	1.1	4.44	2.34	18.5	38.5	0.65	3160	15.50	0.08	6.3	15.3
N812945		19.4	2.93	16.80	0.12	1.4	0.046	2.83	23.0	22.8	0.75	627	5.58	1.76	8.8	2.9
N812946		30.4	2.97	17.45	0.15	1.5	0.047	2.86	29.6	32.2	0.82	639	1.50	2.24	9.1	2.7
N812947		14.2	3.12	15.90	0.15	1.1	0.060	2.75	21.4	105.5	0.89	1030	1.53	1.42	8.0	2.8
N812948		2.9	0.51	0.42	0.08	<0.1	0.005	0.04	0.7	1.6	12.80	217	0.17	0.02	0.5	2.9
N812949		7.4	3.27	17.85	0.13	1.2	0.076	2.48	21.9	113.0	0.94	1450	1.55	0.05	8.4	2.5
N812950		22.7	2.73	17.95	0.14	1.3	0.048	3.03	28.1	34.9	0.69	779	1.88	0.15	8.9	2.5
N812951		2.7	3.25	14.85	0.14	1.0	0.078	2.40	22.3	31.5	0.81	859	2.72	1.60	7.2	2.5
N812952		7.9	2.91	16.90	0.15	1.4	0.064	2.90	26.7	28.2	0.81	884	2.63	1.83	8.7	2.7
N812953		444	6.66	15.15	0.18	1.0	1.735	2.61	24.9	26.7	0.93	1900	14.95	0.04	6.7	16.1
N812954		13.5	2.98	17.20	0.13	1.6	0.043	2.73	27.6	15.9	0.85	622	1.77	2.30	8.7	2.8
N812955		23.4	2.90	16.85	0.15	1.3	0.052	2.85	29.3	15.6	0.79	950	1.04	2.00	8.4	2.6
N812956		20.7	2.98	16.50	0.15	1.4	0.054	2.86	25.4	15.0	0.75	703	1.22	2.20	8.4	2.8
N812957		20.3	2.90	16.70	0.15	1.4	0.053	2.83	26.4	14.7	0.74	685	1.34	2.19	8.4	2.7
N812958		202	3.32	15.70	0.15	1.3	0.127	3.09	25.4	12.7	0.76	1740	1.27	1.60	8.0	2.7
N812959		17.9	2.96	16.85	0.16	1.5	0.058	2.76	30.7	13.6	0.82	639	2.30	2.28	8.6	2.7
N812960		13.3	2.81	16.10	0.13	1.5	0.048	2.89	22.7	15.5	0.76	813	0.95	1.57	8.5	2.7
N812961		15.0	2.76	17.05	0.16	1.4	0.048	2.87	25.3	18.4	0.80	631	1.92	2.05	8.7	2.7
N812962		26.4	3.06	16.95	0.14	1.3	0.060	2.79	21.0	21.7	0.83	802	2.01	1.83	8.3	3.1
N812963		17.9	2.91	17.20	0.14	1.4	0.052	2.81	28.5	12.6	0.79	598	1.94	2.16	8.8	2.8
N812964		14.3	2.91	17.25	0.15	1.4	0.084	3.22	27.0	20.7	0.73	815	1.32	1.69	8.7	2.7
N812965		8.5	8.85	18.45	0.24	1.0	0.252	2.32	21.5	80.2	1.04	3100	5.34	0.07	6.5	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201237

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N812930		310	>10000	120.0	0.004	5.64	1405	6.9	2	15.5	72.2	0.40	0.05	8.4	0.137	1.99
N812931		170	3.2	2.5	<0.002	<0.01	0.05	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	<0.02
N812932		490	86.8	172.5	<0.002	1.00	17.85	10.2	1	3.1	117.5	0.56	0.05	13.1	0.217	2.75
N812933		450	52.8	144.5	<0.002	1.32	41.8	9.9	1	2.8	157.0	0.50	0.08	11.7	0.199	2.57
N812934		520	48.4	131.5	<0.002	0.37	85.4	10.6	2	2.1	130.0	0.61	<0.05	12.8	0.240	2.19
N812935		580	18.9	119.0	<0.002	0.18	55.4	11.7	2	2.1	295	0.59	<0.05	12.3	0.257	1.60
N812936		600	22.1	113.0	<0.002	0.15	82.7	11.6	2	2.0	280	0.63	<0.05	11.6	0.268	1.57
N812937		510	34.4	124.5	<0.002	0.30	42.1	10.2	2	2.1	208	0.57	0.05	11.1	0.230	2.11
N812938		530	25.2	124.0	<0.002	0.24	144.5	11.1	2	1.9	165.5	0.61	0.07	12.9	0.241	1.98
N812939		540	21.0	106.0	<0.002	0.22	73.6	10.4	2	1.8	253	0.67	0.05	12.4	0.242	1.67
N812940		540	572	152.0	<0.002	0.65	89.6	11.1	2	2.9	186.0	0.66	<0.05	14.4	0.233	2.56
N812941		1730	24.5	89.8	<0.002	0.14	24.5	10.2	2	1.2	1340	0.67	<0.05	8.5	0.452	1.52
N812942		450	441	165.0	0.002	4.61	40.0	9.9	1	2.3	74.8	0.54	0.56	12.3	0.217	2.65
N812943		580	63.4	126.5	<0.002	0.16	5.66	10.9	1	1.8	311	0.68	<0.05	12.5	0.255	1.91
N812944		460	>10000	135.5	<0.002	7.22	221	8.9	3	7.9	121.0	0.43	0.54	9.2	0.190	2.25
N812945		560	20.9	104.5	<0.002	0.05	3.87	10.9	1	1.7	310	0.69	<0.05	12.6	0.257	1.34
N812946		580	18.6	110.5	<0.002	0.09	3.20	11.7	2	2.4	382	0.74	<0.05	14.4	0.266	1.30
N812947		530	15.3	96.0	<0.002	0.29	12.00	10.2	2	2.3	258	0.62	<0.05	11.3	0.247	1.76
N812948		190	2.0	2.5	<0.002	<0.01	0.06	0.5	1	<0.2	38.0	<0.05	<0.05	<0.2	<0.005	0.02
N812949		610	13.0	84.8	<0.002	0.62	18.95	10.8	1	3.0	120.0	0.65	<0.05	11.1	0.264	1.87
N812950		600	15.0	119.5	<0.002	0.23	20.1	11.6	2	3.2	126.0	0.66	<0.05	13.0	0.264	1.73
N812951		510	7.6	116.0	<0.002	0.74	4.68	9.4	2	1.9	323	0.55	0.07	10.7	0.217	1.71
N812952		590	14.4	118.0	<0.002	0.21	3.49	11.3	1	2.3	363	0.66	<0.05	12.9	0.256	1.75
N812953		440	2900	159.0	0.002	4.85	89.2	9.1	2	7.8	90.2	0.48	0.42	10.5	0.184	2.45
N812954		570	18.9	94.6	<0.002	0.02	1.14	11.5	1	1.8	386	0.71	<0.05	13.4	0.261	1.00
N812955		580	32.3	112.0	<0.002	0.11	3.84	11.6	2	1.7	351	0.63	<0.05	13.3	0.252	1.25
N812956		570	16.6	97.4	<0.002	0.07	1.95	11.0	1	1.7	376	0.64	<0.05	12.6	0.257	1.19
N812957		560	16.6	99.1	<0.002	0.06	1.92	11.0	1	1.7	375	0.64	<0.05	12.3	0.253	1.19
N812958		530	20.1	121.0	<0.002	0.50	4.23	10.3	2	1.8	274	0.62	<0.05	11.7	0.236	1.53
N812959		560	16.3	107.0	<0.002	0.02	1.84	11.1	2	1.7	371	0.67	<0.05	13.7	0.250	1.04
N812960		550	16.9	112.0	<0.002	0.06	3.55	10.6	2	1.8	302	0.73	<0.05	12.0	0.244	1.67
N812961		560	15.9	112.5	<0.002	0.04	2.72	11.0	2	1.8	355	0.66	<0.05	12.1	0.248	1.31
N812962		580	15.7	102.0	<0.002	0.17	3.98	11.4	1	1.8	346	0.62	0.05	10.4	0.259	1.43
N812963		570	16.3	108.5	<0.002	0.06	2.15	11.5	2	2.0	384	0.64	<0.05	13.0	0.257	1.19
N812964		570	15.8	133.5	<0.002	0.14	4.51	11.4	2	2.0	299	0.66	<0.05	12.9	0.254	1.64
N812965		440	44.9	139.5	<0.002	3.92	10.20	9.9	2	2.1	92.4	0.48	0.41	12.0	0.186	2.20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201237

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
N812930		6.7	40	12.7	7.8	>10000	20.0	357	2.43	1.215
N812931		0.5	2	0.1	0.9	19	<0.5	1		
N812932		6.1	56	7.1	11.3	312	30.0	1		
N812933		6.6	59	10.2	10.5	85	23.5	1		
N812934		4.5	62	3.6	13.2	84	33.7	1		
N812935		4.0	69	2.4	14.9	63	35.4	<1		
N812936		3.5	71	2.3	14.8	72	34.5	<1		
N812937		4.4	62	3.0	13.4	54	33.4	1		
N812938		6.2	65	2.7	14.3	86	35.7	1		
N812939		4.0	64	1.6	13.7	66	36.8	1		
N812940		8.1	62	6.4	14.6	1740	37.1	3		
N812941		4.9	89	2.4	13.8	102	181.5	1		
N812942		5.8	63	9.6	8.6	1010	28.7	6		
N812943		4.0	68	3.9	13.9	115	36.3	1		
N812944		5.7	54	4.4	9.3	>10000	34.6	112	0.962	1.570
N812945		4.1	68	1.8	14.9	52	36.3	<1		
N812946		4.8	70	1.5	16.5	49	36.7	<1		
N812947		3.4	65	2.5	12.4	48	29.7	<1		
N812948		0.6	4	0.1	0.8	14	<0.5	<1		
N812949		3.5	66	3.5	13.5	55	33.3	<1		
N812950		3.3	70	4.1	15.4	46	34.0	<1		
N812951		3.7	63	2.5	12.3	45	27.5	<1		
N812952		3.9	69	1.7	14.0	46	34.2	<1		
N812953		5.5	56	5.3	9.7	5410	27.0	24		
N812954		4.5	69	0.8	15.5	49	38.3	<1		
N812955		4.3	67	1.1	15.9	56	34.9	<1		
N812956		3.9	67	2.5	14.7	45	35.6	<1		
N812957		3.9	67	1.8	14.8	44	35.8	<1		
N812958		3.9	61	2.3	13.2	85	33.8	<1		
N812959		5.0	66	1.4	16.6	46	39.0	<1		
N812960		4.0	65	1.8	14.1	47	37.9	<1		
N812961		3.7	66	1.4	15.0	44	36.7	<1		
N812962		3.5	68	1.3	14.1	50	33.3	<1		
N812963		4.0	67	1.8	15.5	45	37.5	<1		
N812964		4.5	67	1.8	14.7	47	37.2	<1		
N812965		9.0	76	9.7	10.8	168	25.1	1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12201237

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201238

Project: Klaza-115

P.O. No.: Batch 6

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

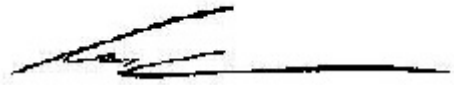
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-115

CERTIFICATE OF ANALYSIS WH12201238

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812966		4.25	0.011	0.39	7.04	90.2	1500	1.53	0.50	2.33	0.83	54.0	15.8	7	13.40	21.4
N812967		2.77	0.008	0.43	6.95	28.9	2900	1.58	0.34	2.17	0.10	49.9	10.8	15	11.90	93.0
N812968		2.46	<0.005	0.01	0.07	<5	20	0.09	0.02	21.0	0.06	1.23	1.3	<1	0.20	4.3
N812969		7.30	0.012	0.56	6.80	46.6	2290	1.30	0.23	2.47	0.62	43.6	8.9	10	14.55	214

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-115

CERTIFICATE OF ANALYSIS WH12201238

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812966		3.78	16.35	0.14	1.2	0.155	3.23	30.1	39.6	0.90	2060	1.15	0.35	8.0	2.4	560
N812967		3.07	16.70	0.15	1.3	0.092	3.04	26.6	14.1	0.79	880	0.84	1.84	8.1	2.9	550
N812968		0.50	0.28	0.08	<0.1	<0.005	0.03	0.6	1.0	12.65	218	0.14	0.01	0.2	3.9	200
N812969		2.76	16.40	0.10	1.4	0.061	2.88	21.2	8.9	0.70	634	1.09	2.13	7.9	2.6	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-115

CERTIFICATE OF ANALYSIS WH12201238

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812966		60.9	171.0	<0.002	0.59	9.24	10.9	2	2.7	148.0	0.61	<0.05	13.6	0.248	2.42	4.2
N812967		16.2	134.0	<0.002	0.25	6.88	11.1	2	2.3	295	0.60	<0.05	12.9	0.247	1.67	3.8
N812968		1.9	1.9	<0.002	<0.01	0.06	0.3	2	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N812969		51.3	113.0	<0.002	0.26	4.59	9.1	2	2.2	366	0.68	<0.05	11.7	0.246	1.38	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-115

CERTIFICATE OF ANALYSIS WH12201238

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N812966		63	4.1	13.8	131	30.9	<1
N812967		66	3.0	14.3	59	35.7	<1
N812968		2	<0.1	0.9	14	<0.5	<1
N812969		67	1.9	15.1	87	39.6	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-115

CERTIFICATE OF ANALYSIS WH12201238

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201239

Project: Klaza - 116

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

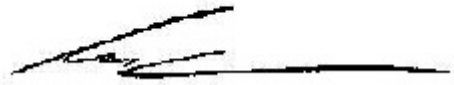
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201239

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358235		4.80	0.020	0.37	7.98	25.5	2400	1.66	0.92	1.69	1.55	50.1	6.8	10	12.70	66.5
M358236		2.81	0.674	1.99	7.56	227	530	1.62	3.58	1.76	4.43	53.6	7.5	8	11.70	246
M358237		3.48	0.024	0.23	7.66	20.3	2750	1.61	0.70	2.21	0.92	49.5	6.4	8	11.80	38.3
M358238		1.18	0.693	1.68	7.26	122.0	670	1.61	2.34	1.89	1.95	52.4	6.8	8	11.30	232
M358239		2.60	0.060	0.98	7.68	79.8	860	1.71	1.97	2.01	6.04	54.8	7.8	8	13.05	64.4
M358240		4.93	0.031	0.34	7.49	17.4	2560	1.73	0.71	2.28	1.81	46.8	7.5	9	12.15	56.4
M358241		0.26	2.15	26.4	6.13	3670	1760	1.38	20.4	2.33	81.5	47.7	11.1	18	16.10	448
M358242		3.87	0.036	0.45	7.66	17.9	2360	1.69	0.98	2.20	0.96	53.7	10.5	8	14.10	23.9
M358243		3.73	0.085	0.57	7.81	41.0	2330	1.73	1.20	2.06	1.90	52.3	8.8	9	12.60	59.6
M358244		2.76	0.374	2.46	7.25	137.0	1030	1.46	5.06	1.20	3.22	56.4	9.2	7	11.55	130.0
M358245		3.36	<0.005	0.01	0.13	<5	30	0.08	0.02	22.2	0.07	1.48	1.2	<1	0.93	1.8
M358246		3.89	0.294	1.65	7.51	128.5	550	1.69	2.77	0.91	4.85	65.5	10.3	7	12.85	88.0
M358247		3.70	0.416	1.43	7.62	144.0	700	1.72	3.03	0.27	7.62	58.5	10.0	7	17.60	120.0
M358248		3.75	0.044	0.38	7.50	70.5	1460	1.55	1.62	1.61	1.26	50.1	10.6	7	17.45	39.3
M358249		3.22	0.087	0.43	7.97	57.7	1680	1.61	2.26	0.90	0.72	56.1	12.2	7	19.10	46.7
M358250		2.43	0.092	0.47	7.41	48.1	640	1.61	2.61	0.77	2.13	53.8	46.9	7	12.25	20.1
M358251		2.55	0.098	0.35	8.14	34.3	2010	1.69	1.49	0.88	1.50	58.0	10.6	8	15.65	41.6
M358252		0.24	4.57	>100	5.61	8790	1490	1.32	65.4	2.03	242	35.2	9.1	17	12.35	1280
M358253		2.52	0.157	2.48	7.50	65.8	1070	1.71	11.15	2.06	4.06	55.8	11.3	7	19.20	126.0
M358254		3.00	0.568	2.44	6.99	207	470	1.66	8.56	0.22	2.62	41.9	15.5	8	7.30	169.0
M358255		3.29	0.104	0.76	7.54	41.9	980	1.78	2.17	1.80	4.97	57.8	8.7	7	15.85	43.4
M358256		3.42	0.268	0.92	7.29	106.5	1060	1.76	1.75	1.40	4.29	67.0	10.3	8	11.95	63.0
M358257		2.85	<0.005	0.02	0.12	<5	20	0.08	0.03	21.6	0.07	1.24	1.1	<1	0.33	1.5
M358258		4.38	0.074	1.09	8.00	49.4	2150	1.40	1.44	0.57	7.81	54.7	11.5	8	13.20	32.2
M358259		4.52	0.483	4.04	5.75	237	550	1.25	6.13	2.26	31.0	46.0	7.5	7	11.70	98.8
M358260		2.01	1.040	1.21	7.15	175.5	910	1.53	1.58	1.46	17.45	53.9	8.4	6	14.25	75.8
M358261		5.72	0.134	1.17	7.30	98.9	1520	1.45	2.27	2.37	5.23	49.4	9.1	8	19.55	59.7
M358262		1.78	0.083	0.44	7.15	80.7	1610	1.53	0.85	2.59	1.81	47.4	6.2	7	17.15	22.2
M358263		3.72	0.107	2.30	7.08	104.5	1450	1.58	4.06	2.41	5.81	42.7	7.2	8	19.50	56.7
M358264		3.88	0.116	0.48	7.30	74.2	1930	1.53	0.98	2.13	1.30	43.3	9.5	8	21.0	15.5
M358265		3.07	0.225	4.10	7.28	215	1220	1.55	8.10	1.77	8.65	49.8	8.2	12	14.80	244
M358266		6.36	0.029	0.39	7.58	30.2	2440	1.58	1.04	2.08	2.62	49.5	7.4	8	15.30	20.9
M358267		<0.02	0.031	0.40	7.20	29.4	2420	1.53	0.97	2.06	2.87	42.3	7.3	8	14.90	22.5
M358268		3.02	0.031	4.42	6.96	50.3	1910	1.38	33.2	2.46	1.17	43.6	6.2	8	16.65	666
M358269		3.86	0.100	0.80	6.93	104.5	1410	1.40	2.06	3.43	4.48	44.5	8.9	7	17.25	46.2
M358270		4.37	0.080	0.57	6.92	39.9	2060	1.63	1.14	2.74	4.06	41.2	6.5	7	19.80	22.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201239

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358235		3.34	16.65	0.11	1.3	0.126	3.04	26.1	15.7	0.85	402	1.64	2.40	8.3	2.6	630
M358236		5.02	15.55	0.14	1.4	0.341	3.41	28.1	11.1	0.70	728	2.11	0.71	6.9	2.9	560
M358237		2.98	15.70	0.11	1.3	0.087	2.92	25.2	12.0	0.85	407	1.42	2.34	7.8	2.5	610
M358238		3.95	15.95	0.12	1.3	0.234	2.90	27.2	10.9	0.76	448	1.50	1.82	7.4	2.7	550
M358239		4.24	16.15	0.13	1.3	0.270	3.24	27.8	11.2	0.76	691	1.80	1.18	7.8	2.6	610
M358240		3.14	15.85	0.12	1.4	0.095	2.99	23.4	10.7	0.78	521	1.79	2.07	7.9	2.8	600
M358241		6.96	13.35	0.14	0.9	1.775	2.74	26.3	27.6	0.97	1960	15.25	0.04	6.1	15.3	470
M358242		3.47	16.60	0.12	1.3	0.092	2.98	27.4	12.3	0.93	460	2.66	2.23	7.4	2.6	640
M358243		3.48	16.35	0.11	1.3	0.152	3.44	27.6	11.1	0.82	538	2.47	1.92	7.0	2.9	640
M358244		6.25	15.80	0.16	1.2	0.223	3.64	30.6	7.5	0.70	549	1.76	0.10	4.4	2.3	550
M358245		0.51	0.41	<0.05	<0.1	0.005	0.06	0.7	1.8	13.55	232	0.32	0.01	0.4	3.0	180
M358246		4.37	16.50	0.12	1.3	0.232	3.85	35.6	9.9	0.64	582	1.44	0.18	4.7	2.4	580
M358247		3.86	16.50	0.14	1.2	0.226	3.35	31.9	18.3	0.38	362	2.60	0.15	5.8	2.8	480
M358248		3.69	16.20	0.12	1.2	0.150	2.72	25.5	42.0	0.65	950	2.47	0.04	6.8	2.8	590
M358249		3.57	17.10	0.11	1.4	0.122	2.48	29.0	48.3	0.45	802	2.16	0.05	7.1	2.8	610
M358250		5.06	15.70	0.14	1.1	0.251	3.29	26.4	14.1	0.49	616	0.82	0.39	5.0	4.5	540
M358251		3.31	17.45	0.14	1.2	0.093	2.79	30.6	26.3	0.46	515	0.89	0.51	6.3	2.6	640
M358252		8.25	11.70	0.14	1.0	4.79	2.35	17.9	39.7	0.68	3190	16.00	0.09	5.5	13.0	470
M358253		3.07	15.85	0.11	1.2	0.163	2.88	29.8	19.8	0.98	665	1.36	0.05	5.0	3.1	580
M358254		6.59	14.80	0.15	1.0	0.237	3.36	21.0	7.1	0.36	186	3.33	0.07	3.4	2.9	450
M358255		3.68	15.80	0.13	1.2	0.317	3.63	30.8	16.7	0.82	710	1.38	0.07	4.9	2.5	570
M358256		3.90	15.65	0.13	1.1	0.199	3.72	36.9	9.2	0.75	644	1.39	0.06	4.8	2.5	550
M358257		0.48	0.46	<0.05	<0.1	0.005	0.04	0.6	1.3	13.10	207	0.14	0.01	0.5	2.5	190
M358258		3.75	18.55	0.16	1.3	0.145	3.18	30.7	27.3	0.36	1140	0.96	0.07	8.0	3.1	650
M358259		5.36	14.65	0.18	1.1	0.657	2.75	26.0	14.0	1.04	2910	12.55	0.03	5.3	2.8	440
M358260		3.88	16.35	0.17	1.5	0.603	3.38	30.9	8.4	0.68	1050	1.67	0.04	6.9	2.5	550
M358261		3.38	17.00	0.16	1.4	0.308	2.95	27.0	25.3	0.87	904	1.91	0.06	7.3	2.7	560
M358262		3.12	17.05	0.18	1.4	0.181	2.72	25.8	29.4	0.84	865	1.78	0.05	7.3	2.5	540
M358263		3.17	17.75	0.17	1.3	0.295	2.72	21.9	29.3	0.79	951	1.79	0.05	7.9	2.9	610
M358264		3.37	18.40	0.16	1.4	0.112	2.75	21.3	37.3	0.66	962	1.64	0.06	8.3	3.0	710
M358265		5.41	17.50	0.19	1.2	0.513	3.23	28.1	24.8	0.91	1470	1.46	0.10	7.1	2.7	540
M358266		3.16	17.45	0.17	1.3	0.161	3.13	26.0	22.8	0.70	580	1.30	1.41	8.0	2.8	580
M358267		3.23	17.60	0.15	1.3	0.165	3.11	21.6	22.2	0.68	587	1.25	1.37	7.9	3.1	590
M358268		3.28	17.00	0.18	1.2	0.459	2.96	22.4	16.8	0.83	655	1.08	0.77	7.3	2.5	560
M358269		3.71	16.60	0.17	1.2	0.266	2.74	23.3	24.5	1.18	1120	1.92	0.22	7.1	2.8	570
M358270		3.07	17.30	0.16	1.3	0.335	2.94	20.8	13.7	0.74	705	1.02	1.05	7.5	2.5	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201239

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358235		28.0	125.0	<0.002	0.65	3.03	11.6	1	3.2	333	0.72	0.13	13.5	0.261	1.35	3.7
M358236		79.5	178.5	<0.002	3.14	5.34	10.4	1	4.1	132.0	0.64	0.14	13.0	0.223	2.12	4.5
M358237		20.8	108.0	<0.002	0.83	2.76	10.6	1	2.7	368	0.69	0.13	12.8	0.248	1.36	3.6
M358238		45.3	131.0	<0.002	2.16	4.10	10.5	1	3.7	290	0.62	0.17	12.3	0.231	1.50	4.1
M358239		103.5	152.5	<0.002	2.18	3.97	12.1	1	3.9	196.5	0.66	0.14	12.7	0.242	2.03	4.1
M358240		39.4	110.5	<0.002	0.75	2.42	10.4	1	2.8	333	0.72	0.14	12.0	0.240	1.51	4.1
M358241		3060	167.0	0.002	5.10	93.0	8.4	2	8.2	89.4	0.49	0.42	10.9	0.191	2.16	5.3
M358242		45.2	125.5	<0.002	1.33	2.37	11.5	1	4.0	333	0.61	0.25	12.6	0.251	1.64	4.2
M358243		52.8	140.0	<0.002	1.32	3.35	10.9	1	3.5	285	0.62	0.31	13.1	0.239	1.99	3.7
M358244		142.5	192.0	<0.002	6.12	4.63	10.4	2	10.0	52.1	0.42	0.80	13.2	0.154	2.47	3.6
M358245		1.7	5.0	<0.002	<0.01	0.05	0.5	1	0.2	38.8	<0.05	<0.05	<0.2	0.005	0.03	0.5
M358246		172.5	221	<0.002	3.58	6.05	11.1	1	9.4	56.3	0.47	0.27	14.9	0.168	2.90	4.3
M358247		110.5	186.0	<0.002	3.02	15.60	12.2	1	8.4	56.2	0.51	0.32	15.2	0.200	2.62	5.5
M358248		30.5	132.5	<0.002	1.75	17.35	11.2	1	4.3	65.2	0.62	0.31	13.1	0.229	2.23	3.7
M358249		26.5	136.0	<0.002	1.43	24.1	12.1	1	4.5	58.3	0.65	0.38	15.2	0.228	1.90	4.3
M358250		33.5	182.0	<0.002	3.92	7.52	10.7	2	6.8	61.2	0.47	0.66	13.3	0.178	2.44	4.3
M358251		26.9	149.0	<0.002	1.55	22.3	12.1	1	4.1	90.2	0.58	0.29	15.3	0.227	2.02	4.8
M358252		>10000	132.0	<0.002	7.53	240	7.7	2	8.5	120.5	0.44	0.49	9.6	0.191	2.03	5.6
M358253		81.2	152.5	<0.002	2.10	34.4	11.1	1	5.0	51.0	0.46	0.29	12.9	0.170	2.51	3.7
M358254		97.4	174.5	<0.002	6.97	30.6	10.6	2	10.8	22.3	0.30	0.81	11.7	0.126	2.22	3.8
M358255		74.4	182.5	<0.002	2.61	9.98	10.8	1	5.7	77.7	0.44	0.22	12.9	0.169	2.81	4.5
M358256		129.0	237	<0.002	2.89	14.30	11.2	1	6.8	45.6	0.44	0.28	13.2	0.179	2.74	4.0
M358257		1.5	3.0	<0.002	<0.01	0.06	0.3	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358258		151.5	148.0	<0.002	1.65	16.05	11.8	1	4.4	54.2	0.65	0.47	15.3	0.257	2.34	3.1
M358259		546	163.5	0.002	4.55	39.3	8.8	2	8.5	42.5	0.42	0.35	9.6	0.175	2.52	4.1
M358260		127.0	197.0	<0.002	2.97	20.9	10.4	2	5.8	56.0	0.57	0.18	14.3	0.222	3.19	3.5
M358261		150.5	117.0	<0.002	1.60	13.95	10.4	1	3.7	110.5	0.60	0.15	13.7	0.223	2.32	4.0
M358262		51.1	109.0	<0.002	1.21	10.55	10.1	1	3.6	109.5	0.60	0.13	12.8	0.224	2.08	3.9
M358263		265	95.4	<0.002	1.29	23.1	11.3	1	4.4	75.8	0.60	0.24	11.9	0.259	2.13	4.3
M358264		55.3	86.5	<0.002	1.18	15.05	11.6	1	3.8	118.5	0.64	0.19	10.3	0.279	2.01	4.8
M358265		173.5	148.0	<0.002	2.44	14.40	9.9	1	7.2	85.6	0.55	0.17	12.9	0.222	2.69	4.1
M358266		42.2	116.5	<0.002	0.70	4.22	10.6	1	3.5	255	0.63	0.21	13.2	0.248	1.79	3.7
M358267		40.4	106.0	<0.002	0.66	4.31	9.8	1	3.5	251	0.61	0.19	11.4	0.247	1.79	3.5
M358268		60.9	101.0	<0.002	1.29	4.60	9.8	2	4.8	192.0	0.56	0.41	10.2	0.230	2.06	3.8
M358269		74.0	92.8	<0.002	1.74	10.25	10.1	1	4.1	159.0	0.56	0.19	10.5	0.230	2.13	3.9
M358270		68.7	101.0	<0.002	1.13	4.44	9.6	1	3.7	239	0.58	0.13	9.5	0.238	2.01	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201239

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M358235		77	2.2	15.6	119	38.6	<1		
M358236		68	3.2	16.0	359	39.6	3		
M358237		72	1.6	15.2	93	36.2	1		
M358238		67	1.9	15.1	158	38.3	1		
M358239		77	3.6	16.8	415	37.2	1		
M358240		69	2.1	15.1	149	39.5	<1		
M358241		61	5.8	10.3	5670	25.6	26		
M358242		77	2.7	16.4	124	37.8	1		
M358243		72	2.5	15.3	172	36.2	1		
M358244		62	4.5	14.2	254	34.5	2		
M358245		4	0.2	1.0	15	<0.5	<1		
M358246		65	4.9	13.2	392	35.3	1		
M358247		68	7.0	13.8	252	34.9	1		
M358248		71	3.4	14.8	190	35.4	<1		
M358249		72	2.8	14.9	158	39.9	1		
M358250		65	2.7	17.2	191	31.8	1		
M358251		75	2.4	17.0	156	35.9	<1		
M358252		57	4.6	8.9	>10000	29.7	121	1.000	1.575
M358253		62	3.4	14.9	166	35.6	2		
M358254		63	6.3	12.3	142	27.1	2		
M358255		65	3.4	15.2	276	35.4	<1		
M358256		65	5.1	14.4	300	31.7	<1		
M358257		3	0.2	0.9	14	<0.5	<1		
M358258		75	2.6	17.2	666	38.7	<1		
M358259		57	7.0	12.7	2150	29.5	3		
M358260		64	4.6	12.5	1520	40.3	1		
M358261		64	3.6	16.3	378	39.9	<1		
M358262		61	3.6	16.9	206	40.8	<1		
M358263		76	3.4	13.8	478	36.7	1		
M358264		85	4.5	15.2	166	40.1	<1		
M358265		63	7.1	12.5	686	34.3	3		
M358266		69	1.9	15.5	258	41.0	<1		
M358267		69	1.9	14.3	270	39.4	<1		
M358268		65	3.0	12.6	122	36.4	4		
M358269		67	2.9	15.9	262	34.3	<1		
M358270		68	2.5	12.9	352	37.3	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201239

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201430

Project: Klaza - 116

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

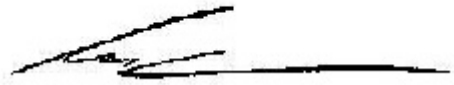
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201430

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358271		2.41	0.102	0.53	7.20	72.0	1880	1.52	1.30	2.11	1.68	47.0	8.1	11	23.1	17.7
M358272		3.17	0.457	1.90	7.28	268	480	1.41	4.93	1.17	2.28	55.7	5.3	18	12.00	99.1
M358273		2.67	<0.005	0.02	0.13	<5	20	0.13	0.03	20.9	0.07	1.21	1.3	<1	0.44	2.2
M358274		3.33	<0.005	0.16	7.00	26.2	3530	1.69	0.26	3.37	0.78	52.5	7.4	25	28.4	22.3
M358275		5.95	<0.005	0.04	6.74	15.8	1620	1.48	0.09	3.00	0.09	46.3	6.2	17	29.4	12.7
M358276		8.66	0.012	0.31	6.65	40.5	1340	1.50	1.22	2.55	0.18	47.8	6.8	24	25.2	24.1
M358277		2.90	0.698	2.18	7.13	650	200	1.26	6.58	0.93	4.43	44.4	16.4	11	10.90	141.0
M358278		2.26	<0.005	0.01	0.22	<5	40	0.32	0.03	20.9	0.07	1.38	1.6	1	0.52	1.4
M358279		6.01	0.043	0.25	6.68	42.0	1940	1.46	0.74	2.83	0.99	49.2	9.6	9	23.5	17.9
M358280		3.85	0.172	0.63	7.27	72.2	1520	1.42	1.84	2.30	1.44	53.0	7.7	12	29.3	43.6
M358281		6.63	0.014	0.16	6.36	54.5	1690	1.17	0.31	2.97	0.24	50.9	5.0	17	10.80	17.4
M358282		5.76	0.010	0.09	6.88	96.9	700	1.21	0.07	2.97	0.12	51.1	4.6	16	4.59	5.8
M358283		4.16	0.018	0.59	6.73	53.7	2900	1.17	1.65	4.60	0.41	53.3	6.2	21	6.53	30.0
M358284		0.25	2.23	24.8	5.86	3290	1080	1.24	18.75	2.22	77.9	41.1	10.3	18	13.80	452
M358285		3.56	0.089	2.14	6.74	179.0	760	1.34	3.28	3.75	15.25	47.9	8.6	10	14.20	194.5
M358286		4.27	0.502	40.3	7.25	222	440	1.43	208	2.14	13.65	54.6	14.7	7	15.05	1475
M358287		2.80	0.453	25.9	6.56	306	230	1.50	54.0	3.06	48.7	48.3	6.4	9	22.1	1700
M358288		2.77	0.014	0.89	7.39	23.6	2530	1.33	2.35	2.15	0.77	35.9	8.4	10	13.70	81.9
M358289		1.54	0.030	0.94	7.67	26.9	2560	1.36	2.18	1.84	1.50	39.7	9.9	13	12.65	59.5
M358290		3.38	0.113	3.62	7.25	140.0	490	1.51	8.44	1.59	1.98	55.2	9.6	13	13.20	285
M358291		4.95	0.122	2.84	6.98	135.0	220	1.46	9.26	0.69	1.45	58.9	18.2	14	7.05	120.5
M358292		0.24	2.17	26.0	5.86	3200	1390	1.22	19.80	2.19	81.3	43.5	10.9	18	14.65	447
M358293		2.85	0.056	0.65	5.31	29.4	1120	1.40	2.35	1.10	2.14	28.7	14.6	21	7.84	16.7
M358294		2.88	0.058	0.59	7.15	40.1	1540	1.46	2.07	1.09	2.13	39.6	19.0	20	10.60	66.6
M358295		3.21	0.166	8.92	1.50	159.0	320	0.49	29.7	0.82	20.0	9.47	6.1	22	1.36	600
M358296		2.64	0.024	1.09	7.21	30.4	1420	1.76	3.14	1.14	3.03	45.6	16.3	15	11.90	24.6
M358297		3.01	0.029	0.77	7.01	26.1	1800	1.73	2.59	2.38	2.43	48.0	9.2	16	14.80	33.6
M358298		2.33	0.066	1.50	6.62	68.1	240	1.49	5.37	0.69	0.58	56.0	18.6	13	7.16	39.2
M358299		3.36	0.016	0.60	7.29	18.1	1520	1.70	1.99	2.58	2.07	57.9	12.9	17	18.80	29.6
M358300		4.16	0.014	0.78	7.04	22.0	1580	1.55	2.10	2.59	1.64	52.5	8.8	11	18.40	83.1
M358301		2.35	0.020	1.11	7.29	30.3	1160	1.67	2.92	2.63	2.34	48.4	8.3	17	16.70	24.7
M358302		3.11	0.044	1.12	6.56	21.1	1750	1.53	2.97	2.41	2.27	47.4	4.6	13	13.45	53.3
M358303		<0.02	0.041	1.21	6.91	21.0	1810	1.51	3.05	2.44	2.39	49.3	4.9	14	13.65	57.4
M358304		3.57	0.010	0.50	6.63	12.7	2120	1.41	1.64	2.33	1.09	45.9	13.2	19	10.20	24.7
M358305		4.30	0.017	0.60	6.80	16.1	1720	1.54	2.38	2.42	0.57	46.3	8.0	14	9.30	45.9
M358306		2.93	0.011	1.33	6.41	25.9	920	1.56	4.10	2.42	3.06	51.5	15.8	20	10.95	18.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358271		3.48	16.95	0.13	1.5	0.242	2.99	24.3	6.4	0.68	617	1.24	0.91	8.3	2.5	600
M358272		5.16	17.20	0.16	1.3	0.373	3.13	31.2	17.4	0.67	554	1.91	0.04	7.2	3.4	560
M358273		0.48	0.37	0.08	<0.1	<0.005	0.05	0.6	1.4	12.50	223	0.16	0.01	0.3	2.5	240
M358274		2.32	18.90	0.15	3.6	0.029	2.44	27.5	24.5	1.25	681	1.08	0.07	8.7	15.6	660
M358275		2.13	19.10	0.14	2.2	0.029	2.29	22.6	73.8	0.93	544	0.43	0.14	8.8	9.6	800
M358276		2.03	18.95	0.12	3.2	0.033	1.97	24.2	124.0	0.88	503	1.31	0.17	8.7	14.0	690
M358277		5.87	18.40	0.18	1.3	0.192	3.22	23.9	14.6	0.57	450	2.85	0.06	6.0	3.3	560
M358278		0.45	0.58	0.07	<0.1	<0.005	0.09	0.7	2.4	12.55	209	0.13	0.01	0.3	3.5	190
M358279		2.79	15.75	0.10	1.2	0.114	2.66	23.8	27.1	0.84	561	1.86	0.07	7.6	2.2	560
M358280		3.34	17.05	0.11	1.5	0.117	2.81	26.0	29.7	0.74	570	1.87	0.21	7.5	4.1	580
M358281		2.11	16.00	0.07	2.4	0.030	0.37	24.4	104.5	0.99	1120	4.53	0.03	7.9	10.6	640
M358282		1.96	17.90	0.12	2.1	0.029	0.23	26.1	119.5	0.91	1560	0.72	0.06	8.7	7.6	780
M358283		1.94	17.25	0.12	3.5	0.055	0.31	28.9	105.5	1.79	1600	1.43	0.03	8.4	14.6	580
M358284		6.64	14.90	0.17	1.0	1.705	2.67	22.4	20.8	0.94	1990	12.45	0.04	6.0	14.1	450
M358285		3.71	16.30	0.14	1.4	0.435	2.49	26.4	24.2	1.55	2840	11.35	0.05	7.1	3.8	530
M358286		4.23	17.85	0.16	1.4	0.740	2.86	29.8	18.0	0.89	3050	1.02	0.05	7.6	2.7	570
M358287		4.98	18.70	0.16	1.3	4.39	2.47	26.1	36.3	1.08	2310	1.67	0.05	7.1	2.6	530
M358288		3.43	18.15	0.13	1.5	0.153	2.97	17.9	27.9	0.78	637	0.94	0.14	8.5	2.5	620
M358289		3.77	17.85	0.14	1.5	0.172	3.05	20.6	25.7	0.84	549	1.05	0.15	8.5	2.9	620
M358290		4.17	17.65	0.15	1.3	0.462	3.24	31.0	11.8	0.66	751	1.34	0.05	7.6	2.3	570
M358291		5.49	19.60	0.17	1.3	0.393	3.51	34.5	5.7	0.57	417	27.7	0.05	6.3	2.8	570
M358292		6.53	15.70	0.17	1.0	1.800	2.63	24.0	22.9	0.94	1960	13.20	0.04	6.2	14.9	450
M358293		3.05	13.55	0.11	1.0	0.325	2.52	16.8	6.2	0.61	662	29.1	0.04	4.2	2.1	380
M358294		2.20	16.55	0.11	1.5	0.148	3.28	22.3	8.3	0.59	512	29.4	0.05	5.6	2.7	560
M358295		3.16	3.68	0.10	0.2	0.473	0.67	5.3	5.4	0.38	446	8.00	0.02	1.3	1.4	90
M358296		3.40	16.60	0.14	1.3	0.375	3.39	26.2	8.7	0.71	905	7.99	0.04	5.6	2.6	560
M358297		2.94	17.25	0.13	1.4	0.256	3.08	25.2	7.7	0.61	617	1.41	0.75	7.4	2.5	590
M358298		5.72	16.10	0.18	1.2	0.322	3.29	33.9	4.8	0.56	495	18.55	0.05	5.6	2.6	530
M358299		2.91	16.90	0.14	1.4	0.280	2.65	33.1	9.6	0.74	642	2.38	0.96	8.0	2.4	590
M358300		2.62	16.60	0.13	1.5	0.346	2.23	29.1	7.1	0.68	553	0.93	1.61	7.7	2.5	570
M358301		3.43	16.90	0.14	1.3	0.459	2.49	25.9	8.5	0.79	693	1.16	1.36	7.6	1.9	580
M358302		2.62	16.25	0.13	1.3	0.223	2.07	25.0	9.6	0.79	536	1.18	1.85	7.7	2.3	550
M358303		2.69	16.30	0.13	1.3	0.231	2.10	26.5	9.5	0.81	537	1.53	1.90	7.8	2.2	570
M358304		2.78	15.55	0.14	1.3	0.213	2.21	24.7	9.6	0.77	477	4.37	1.99	7.3	2.6	530
M358305		2.93	16.55	0.14	1.3	0.243	2.13	24.8	10.9	0.81	573	1.28	1.92	7.8	2.2	540
M358306		3.22	15.30	0.14	1.1	0.425	2.30	29.7	10.2	0.65	744	4.27	0.82	7.0	2.3	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358271		67.5	142.0	<0.002	1.40	3.26	11.2	1	4.3	241	0.69	0.13	13.1	0.265	2.12	4.2
M358272		86.2	217	<0.002	4.29	8.82	10.2	1	8.0	85.2	0.59	0.25	13.6	0.229	2.71	4.0
M358273		1.8	3.3	<0.002	<0.01	0.07	0.3	1	<0.2	43.1	<0.05	<0.05	0.3	0.005	0.02	0.9
M358274		21.0	88.2	<0.002	0.15	7.34	5.9	1	1.8	350	0.70	<0.05	10.5	0.264	1.59	6.5
M358275		12.1	78.3	<0.002	0.06	3.98	5.8	1	1.5	287	0.67	<0.05	8.5	0.274	1.55	3.6
M358276		18.5	67.3	<0.002	0.20	7.88	5.6	1	2.0	307	0.69	<0.05	9.6	0.266	1.44	4.6
M358277		157.5	183.5	<0.002	6.01	11.85	9.9	3	10.8	37.1	0.50	0.46	11.8	0.195	2.56	2.9
M358278		1.4	4.6	<0.002	<0.01	0.06	0.5	1	<0.2	42.8	<0.05	<0.05	0.2	0.007	0.03	0.3
M358279		39.6	99.1	<0.002	1.02	4.38	9.5	1	3.2	121.0	0.62	0.13	12.0	0.238	1.96	4.4
M358280		79.8	131.5	<0.002	1.50	8.32	9.9	1	4.4	141.0	0.59	0.26	13.9	0.244	1.91	6.1
M358281		23.9	14.7	<0.002	0.24	14.05	5.4	1	1.5	291	0.60	<0.05	9.1	0.243	0.49	6.4
M358282		20.0	7.5	<0.002	0.23	3.51	5.8	1	1.3	186.0	0.66	<0.05	9.1	0.273	0.43	3.7
M358283		20.5	14.7	<0.002	0.23	5.69	5.5	1	1.6	279	0.67	<0.05	10.6	0.250	0.50	5.4
M358284		2920	163.0	<0.002	4.82	88.8	7.9	2	8.0	94.9	0.48	0.46	10.6	0.191	2.36	5.3
M358285		315	123.5	<0.002	2.24	34.5	9.2	1	5.0	112.0	0.58	<0.05	11.5	0.227	2.77	5.3
M358286		531	133.5	<0.002	3.00	20.0	10.1	5	9.4	64.6	0.63	0.61	13.1	0.241	2.99	5.8
M358287		715	112.5	<0.002	4.17	19.70	10.0	6	15.1	90.5	0.57	4.84	11.6	0.238	2.53	7.3
M358288		29.3	96.7	<0.002	0.43	4.81	10.6	1	3.1	117.5	0.69	0.07	12.8	0.269	1.94	4.1
M358289		57.8	116.5	<0.002	0.67	5.07	10.5	1	3.4	103.0	0.68	0.08	13.7	0.263	2.01	4.4
M358290		93.2	150.5	<0.002	3.17	10.25	10.6	2	9.3	57.3	0.61	0.44	12.8	0.238	2.80	3.4
M358291		57.3	180.0	0.002	4.76	6.23	10.4	3	15.6	23.2	0.52	0.98	11.8	0.216	2.69	2.8
M358292		2950	170.0	<0.002	4.84	91.7	8.4	2	8.4	98.3	0.50	0.40	11.2	0.187	2.45	5.4
M358293		23.3	139.5	0.003	1.71	5.84	7.3	1	3.6	41.3	0.34	0.40	9.7	0.133	2.07	2.4
M358294		32.9	156.0	0.002	1.22	9.19	9.5	1	2.9	52.9	0.48	0.18	13.4	0.184	2.49	4.5
M358295		301	37.4	<0.002	3.24	152.0	1.9	3	3.8	17.4	0.09	0.90	2.5	0.035	0.50	3.2
M358296		68.5	188.0	<0.002	1.78	5.90	10.1	2	3.9	45.9	0.50	0.38	14.0	0.202	3.14	4.3
M358297		49.4	143.0	<0.002	1.28	5.36	10.4	2	3.9	165.0	0.62	0.50	13.3	0.240	2.53	4.7
M358298		35.1	221	<0.002	4.79	4.63	8.7	3	5.5	20.3	0.46	1.05	12.6	0.187	2.94	4.1
M358299		40.3	135.5	<0.002	1.14	5.89	10.6	2	3.7	169.5	0.65	0.46	13.5	0.248	1.98	4.7
M358300		45.4	100.0	<0.002	0.95	5.71	9.7	2	3.5	233	0.67	0.15	12.5	0.241	1.65	3.9
M358301		83.7	139.5	<0.002	1.28	3.25	10.5	2	5.1	163.0	0.62	0.49	13.1	0.248	2.23	4.0
M358302		76.1	83.7	<0.002	0.39	3.55	9.8	1	2.7	298	0.61	0.07	12.1	0.237	1.24	3.7
M358303		78.2	88.0	<0.002	0.42	3.64	10.0	1	2.8	308	0.63	0.07	12.8	0.239	1.26	4.0
M358304		38.4	83.7	<0.002	0.77	2.60	9.3	1	2.8	333	0.60	0.13	12.5	0.229	1.19	4.0
M358305		27.5	85.8	<0.002	0.53	2.59	9.9	1	3.0	307	0.61	0.09	13.2	0.238	1.24	4.2
M358306		50.0	132.5	<0.002	0.98	3.48	9.2	1	4.7	107.5	0.56	0.15	12.4	0.218	2.21	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358271		73	2.9	14.9	172	42.9	1
M358272		63	5.4	11.8	315	37.8	2
M358273		3	0.1	0.9	16	0.5	<1
M358274		51	2.5	11.8	106	136.0	<1
M358275		50	2.5	11.2	70	71.0	<1
M358276		50	2.8	11.0	72	116.5	1
M358277		65	7.0	10.2	364	37.7	2
M358278		4	0.1	0.8	14	0.7	<1
M358279		63	3.9	15.4	108	33.4	1
M358280		65	4.2	14.0	139	42.8	1
M358281		44	4.3	11.5	68	75.5	<1
M358282		48	5.7	10.8	58	63.4	<1
M358283		46	5.0	11.7	74	132.5	1
M358284		58	5.2	10.1	5670	29.8	26
M358285		59	7.5	13.0	1240	43.6	2
M358286		65	9.3	13.3	1090	42.7	42
M358287		66	10.2	13.5	3020	39.5	25
M358288		71	2.8	13.3	108	43.8	1
M358289		70	3.1	14.3	164	44.4	1
M358290		68	7.9	12.2	205	39.9	4
M358291		70	9.7	11.0	169	37.0	3
M358292		58	5.4	10.6	5630	30.4	27
M358293		60	3.8	9.1	166	30.3	<1
M358294		75	7.5	12.2	216	44.5	1
M358295		22	1.5	3.3	1600	7.4	9
M358296		68	4.0	12.7	290	39.5	1
M358297		70	2.1	14.0	249	40.4	1
M358298		64	4.6	10.9	93	35.5	2
M358299		71	2.1	16.0	216	42.5	1
M358300		66	1.5	14.9	159	42.8	1
M358301		70	2.5	16.7	242	38.1	2
M358302		65	1.3	15.1	206	39.4	2
M358303		64	1.3	15.5	210	39.3	2
M358304		62	1.0	15.6	116	36.8	1
M358305		64	1.3	15.4	86	38.5	1
M358306		57	2.3	15.6	296	31.7	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 116

CERTIFICATE OF ANALYSIS WH12201430

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201431

Project: Klaza-116

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

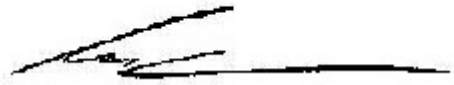
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201431

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358307		5.74	0.008	0.57	7.85	12.0	2290	1.58	2.73	2.59	0.54	51.8	7.3	10	10.05	38.7
M358308		6.84	0.015	0.85	7.17	26.9	1180	1.57	3.85	2.51	1.10	50.9	10.2	9	12.20	70.9
M358309		<0.02	0.011	0.82	7.14	28.6	1180	1.53	3.56	2.56	1.17	52.7	10.4	11	12.35	63.2
M358310		2.42	0.052	2.36	6.26	40.7	610	1.37	6.80	1.89	1.97	39.4	21.6	9	10.95	213
M358311		4.33	0.019	0.58	7.55	17.8	2600	1.52	3.58	2.52	0.35	72.9	14.4	9	8.12	39.2
M358312		3.88	0.009	0.40	7.09	17.6	1980	1.59	1.82	2.52	0.56	57.5	20.4	10	8.24	57.7
M358313		4.14	0.007	0.46	7.45	21.7	2230	1.44	1.37	2.66	1.67	68.6	22.3	10	7.00	66.0
M358314		2.12	0.014	0.60	5.90	40.7	90	1.38	2.63	2.15	1.46	78.6	157.5	9	7.10	18.2
M358315		3.00	<0.005	0.01	0.06	<5	30	0.06	0.03	21.2	0.07	1.23	1.3	<1	0.34	1.5
M358316		3.22	0.008	0.28	7.23	15.7	1880	1.64	1.20	2.62	0.92	60.4	12.5	8	7.95	14.8
M358317		4.89	0.016	0.43	7.22	19.6	1550	1.68	1.62	2.74	2.47	52.4	11.8	9	8.14	46.2
M358318		3.26	0.028	0.54	6.04	18.7	680	1.25	1.84	2.04	1.87	49.3	16.9	9	10.70	98.0
M358319		4.63	0.014	0.26	7.63	7.7	2110	1.60	1.91	2.36	0.20	50.3	4.9	9	10.95	56.5
M358320		3.00	0.018	0.40	6.94	11.0	1620	1.38	1.71	2.17	1.00	50.4	8.8	9	10.65	72.3
M358321		2.31	0.156	1.31	7.34	49.0	330	1.61	4.77	2.26	0.26	43.4	11.3	8	14.35	93.9
M358322		5.58	0.065	1.33	7.43	13.8	2100	1.52	23.0	2.06	0.33	47.6	7.4	10	13.20	69.0
M358323		0.26	2.26	27.4	5.89	2810	610	1.37	21.0	2.23	80.7	39.7	11.4	22	14.90	445
M358324		5.13	0.022	0.28	6.96	10.8	2250	1.56	1.88	2.27	0.25	43.1	7.1	9	12.90	40.0
M358325		3.34	0.016	0.22	7.24	12.8	2090	1.46	1.44	2.12	0.58	47.6	12.1	9	13.70	8.3
M358326		2.96	0.076	0.49	7.30	24.6	200	1.31	2.58	1.11	0.85	40.7	10.5	7	12.35	18.2
M358327		2.78	<0.005	0.01	0.09	<5	30	0.08	0.04	20.8	0.06	1.27	1.4	<1	0.31	1.9
M358328		2.75	0.025	0.44	8.00	26.1	2460	1.52	1.48	0.82	0.50	57.0	7.9	7	14.55	25.9
M358329		3.32	0.529	53.6	6.54	675	170	1.30	194.0	0.99	49.2	64.1	6.3	7	10.15	4130
M358330		2.29	0.042	1.10	7.60	35.4	1200	1.70	4.01	1.02	0.73	46.7	9.1	8	19.05	59.2
M358331		5.99	0.025	0.37	7.46	16.3	2260	1.56	2.15	1.77	0.24	45.2	7.8	10	12.95	51.0
M358332		2.72	0.048	0.52	7.51	13.9	840	1.57	1.74	2.18	3.35	59.1	14.0	8	16.70	40.9
M358333		4.61	0.054	0.47	7.67	24.3	660	1.72	2.60	1.99	0.64	55.0	18.7	9	16.00	33.8
M358334		2.97	0.173	1.34	7.04	64.8	350	1.46	5.32	1.24	1.08	56.6	20.1	7	16.10	37.3
M358335		5.16	0.026	1.26	7.30	34.8	1550	1.64	3.86	1.89	1.15	57.9	7.6	9	16.25	20.5
M358336		0.25	2.28	26.7	5.85	2680	700	1.37	20.4	2.16	79.1	41.8	11.2	19	15.20	431
M358337		2.53	0.026	0.80	7.49	34.6	2480	1.52	1.72	1.25	1.55	56.8	9.4	8	15.15	109.0
M358338		Not Recvd														
M358339		3.74	0.011	1.07	7.05	25.8	2940	1.34	2.53	1.91	1.23	46.8	9.5	9	12.05	88.0
M358340		3.08	0.115	1.97	6.85	120.0	1180	1.58	4.55	1.87	4.90	50.7	13.1	7	20.9	156.0
M358341		3.02	0.086	0.52	7.54	39.9	2130	1.60	1.00	2.17	2.64	48.3	6.7	11	14.70	37.3
M358342		6.33	0.005	0.10	7.52	9.0	2390	1.52	0.36	2.43	0.31	49.0	6.1	11	7.36	10.0
M358343		2.56	0.007	0.19	7.43	13.0	2470	1.37	0.85	2.31	0.39	48.3	7.0	11	8.20	19.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358307		3.02	18.85	0.15	1.3	0.228	2.82	28.0	11.0	0.91	510	1.08	2.11	8.5	2.9	620
M358308		3.05	18.20	0.15	1.2	0.295	2.64	27.7	7.7	0.73	433	1.54	2.05	8.3	3.0	580
M358309		3.07	18.55	0.14	1.3	0.299	2.65	28.2	8.0	0.73	436	1.77	2.10	8.4	2.8	590
M358310		3.03	15.45	0.14	1.0	0.398	2.52	21.5	10.0	0.50	391	4.39	0.75	6.5	3.7	470
M358311		3.02	19.30	0.17	1.4	0.212	3.03	43.2	11.6	0.82	454	1.14	2.05	9.0	2.8	610
M358312		3.24	18.55	0.16	1.1	0.239	2.34	33.7	10.1	0.83	467	3.76	1.97	8.2	4.3	600
M358313		2.92	18.20	0.16	1.1	0.347	2.33	41.6	8.4	0.93	461	1.82	2.16	8.5	3.8	630
M358314		5.61	15.65	0.17	0.8	0.272	1.14	52.9	12.2	0.75	377	37.3	1.91	6.6	6.7	470
M358315		0.47	0.26	0.07	<0.1	0.005	0.03	0.6	1.3	12.75	207	0.29	0.01	0.3	1.6	170
M358316		2.86	18.50	0.14	1.3	0.225	1.99	34.9	13.4	0.84	441	9.09	2.30	8.2	2.4	560
M358317		2.91	18.85	0.15	1.2	0.270	1.76	28.6	13.0	0.82	463	3.09	2.36	8.2	3.5	580
M358318		2.85	14.15	0.13	0.8	0.257	1.45	29.7	9.2	0.65	362	0.98	1.82	6.0	2.7	450
M358319		3.16	19.10	0.15	1.3	0.161	2.48	27.4	13.4	0.86	452	1.64	2.04	8.7	2.9	610
M358320		2.80	16.65	0.13	1.1	0.220	1.91	29.0	8.7	0.75	392	1.27	2.05	7.3	2.5	520
M358321		4.25	19.80	0.15	1.4	0.199	2.74	22.9	12.0	0.68	368	0.78	1.07	7.5	3.1	620
M358322		3.12	20.0	0.13	1.5	0.309	2.77	25.0	12.5	0.80	378	1.01	1.70	8.4	3.3	630
M358323		6.64	17.25	0.17	0.9	1.805	2.66	21.6	21.5	0.90	1930	14.80	0.04	6.3	18.5	450
M358324		2.88	19.20	0.14	1.3	0.160	2.55	22.1	10.0	0.76	369	0.88	2.19	8.3	3.0	570
M358325		2.98	18.15	0.14	1.3	0.137	2.65	25.2	14.7	0.69	392	2.88	1.39	8.2	3.6	590
M358326		5.73	20.5	0.18	1.3	0.164	3.16	21.3	15.0	0.51	439	3.00	0.10	6.6	2.9	540
M358327		0.49	0.36	0.06	<0.1	0.005	0.04	0.6	1.2	12.45	210	0.22	0.01	0.3	2.2	160
M358328		3.27	19.15	0.16	1.3	0.207	3.18	32.7	22.9	0.45	597	1.61	0.08	8.0	2.4	610
M358329		6.66	18.60	0.21	1.1	3.17	3.07	36.7	9.9	0.56	532	6.44	0.04	5.7	2.5	400
M358330		3.75	19.60	0.14	1.3	0.221	3.65	26.2	14.1	0.63	435	3.21	0.40	7.2	2.8	600
M358331		3.34	19.15	0.14	1.4	0.117	3.01	24.2	15.2	0.84	356	3.94	1.31	8.3	3.2	600
M358332		2.71	19.60	0.15	1.3	0.085	3.41	31.7	10.5	0.58	350	2.40	0.96	7.1	2.7	600
M358333		2.85	19.55	0.15	1.3	0.145	3.30	31.5	16.0	0.75	425	3.03	0.19	7.1	2.8	600
M358334		4.61	18.75	0.18	1.1	0.419	3.38	34.4	10.7	0.67	836	11.65	0.06	5.8	2.6	540
M358335		3.51	18.90	0.15	1.2	0.280	3.32	32.8	25.2	0.69	704	1.76	0.20	8.1	3.0	610
M358336		6.50	16.30	0.19	0.9	1.775	2.62	23.0	22.2	0.89	1860	14.25	0.04	6.3	16.7	450
M358337		2.95	19.40	0.15	1.2	0.321	3.68	33.4	18.6	0.54	586	1.26	0.55	8.4	2.6	600
M358338																
M358339		2.94	18.50	0.14	1.1	0.261	3.55	25.8	10.8	0.60	578	4.64	1.20	8.0	3.1	540
M358340		3.41	17.35	0.16	1.1	0.404	3.00	29.1	26.9	0.62	1930	2.01	0.08	7.2	3.1	530
M358341		3.54	16.40	0.12	1.6	0.146	3.02	24.9	30.1	0.72	931	2.12	1.03	8.2	2.8	620
M358342		2.96	16.35	0.14	1.5	0.065	2.71	26.2	9.5	0.87	542	1.24	2.35	8.2	2.5	620
M358343		2.91	16.40	0.14	1.3	0.134	2.85	26.7	11.4	0.83	525	1.17	2.29	7.8	2.7	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358307		27.5	110.0	<0.002	0.39	3.38	11.6	1	2.9	356	0.73	0.13	14.4	0.265	1.30	4.3
M358308		29.8	93.9	<0.002	1.39	2.70	11.1	2	3.6	329	0.68	0.36	12.3	0.248	1.25	4.5
M358309		31.2	91.0	<0.002	1.46	2.73	11.4	2	3.6	333	0.69	0.35	12.2	0.249	1.28	4.3
M358310		76.9	130.0	<0.002	1.90	5.68	9.3	2	3.2	121.5	0.54	0.57	11.8	0.201	1.62	3.9
M358311		31.7	115.5	<0.002	0.83	2.60	11.6	2	3.3	326	0.75	0.32	14.8	0.253	1.33	4.9
M358312		25.7	93.2	<0.002	1.13	3.21	10.9	2	3.4	308	0.67	0.18	12.8	0.248	1.18	4.2
M358313		45.7	94.6	<0.002	1.12	3.50	11.8	2	4.2	307	0.69	0.23	13.4	0.263	1.31	4.9
M358314		55.9	62.4	0.002	4.70	3.83	9.9	3	4.0	259	0.53	0.61	10.9	0.192	0.90	4.2
M358315		1.5	2.0	<0.002	<0.01	<0.05	0.2	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358316		36.7	85.8	<0.002	0.95	3.73	10.7	1	3.7	302	0.72	0.20	12.6	0.238	1.33	3.9
M358317		70.3	81.3	<0.002	0.98	3.46	11.3	2	3.5	288	0.69	0.23	13.2	0.245	1.27	4.1
M358318		57.5	85.5	<0.002	1.55	3.32	8.9	2	3.2	179.5	0.50	0.34	11.2	0.189	1.16	4.1
M358319		20.3	96.4	<0.002	0.27	3.51	12.3	1	3.1	311	0.73	0.38	14.7	0.257	1.15	3.9
M358320		39.9	88.0	<0.002	0.73	3.20	10.2	2	2.9	263	0.60	0.20	13.3	0.223	1.13	4.1
M358321		32.3	124.0	<0.002	2.77	5.79	11.8	2	5.0	166.0	0.63	0.70	13.8	0.224	1.62	6.0
M358322		34.2	106.0	<0.002	0.80	4.09	11.4	1	3.2	256	0.72	0.81	13.0	0.242	1.42	4.0
M358323		2860	168.0	0.002	4.83	92.6	9.1	2	8.4	92.9	0.50	0.40	10.7	0.185	2.45	5.5
M358324		19.6	94.8	<0.002	0.49	2.45	10.9	1	2.2	344	0.69	0.27	11.7	0.238	1.28	3.5
M358325		27.2	113.0	<0.002	0.78	4.35	11.0	1	2.6	208	0.67	0.27	12.8	0.243	1.53	3.4
M358326		50.5	159.0	<0.002	4.92	12.00	10.8	2	7.0	65.6	0.56	0.78	12.5	0.197	2.06	5.0
M358327		1.5	2.7	<0.002	<0.01	0.08	0.5	1	<0.2	41.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
M358328		32.3	154.5	<0.002	1.16	13.30	11.5	1	4.0	61.7	0.66	0.23	15.1	0.246	2.19	5.3
M358329		1485	197.0	<0.002	6.65	446	9.9	3	15.5	32.1	0.49	1.16	12.2	0.177	2.75	3.5
M358330		47.1	185.0	<0.002	1.97	10.90	11.3	2	3.8	81.6	0.63	0.58	14.9	0.224	2.55	7.2
M358331		23.3	124.0	<0.002	0.85	4.91	11.9	1	2.8	211	0.71	0.28	13.8	0.246	1.57	3.5
M358332		104.5	160.0	<0.002	1.51	3.79	11.2	2	3.5	172.5	0.61	0.36	13.7	0.215	2.20	4.8
M358333		37.2	165.0	<0.002	1.78	8.28	11.3	2	4.7	121.5	0.61	0.47	13.8	0.221	2.36	6.4
M358334		58.4	173.0	<0.002	3.46	16.95	10.5	2	9.0	46.9	0.48	0.82	12.6	0.182	2.58	5.8
M358335		55.1	147.5	<0.002	1.55	7.65	12.1	2	4.6	103.5	0.63	0.24	13.3	0.250	2.39	6.6
M358336		2790	173.5	<0.002	4.74	90.8	8.7	2	8.2	92.4	0.50	0.38	10.5	0.181	2.38	5.3
M358337		46.7	168.0	<0.002	0.76	18.25	11.9	1	3.3	109.5	0.67	0.15	14.3	0.242	2.36	10.2
M358338																
M358339		37.3	155.5	<0.002	0.85	6.87	10.8	1	2.6	210	0.65	0.17	12.7	0.229	2.20	4.2
M358340		137.0	159.0	<0.002	1.73	28.3	10.3	2	3.8	105.0	0.59	0.14	12.5	0.222	2.84	4.4
M358341		62.7	124.0	<0.002	0.45	7.87	11.9	1	2.3	231	0.68	0.05	12.9	0.263	1.97	4.2
M358342		18.4	106.0	<0.002	0.14	1.76	11.0	1	1.7	397	0.67	<0.05	13.9	0.257	1.18	4.0
M358343		19.1	117.5	<0.002	0.33	2.64	10.4	1	1.6	356	0.64	0.07	13.7	0.247	1.27	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201431

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358307		72	1.4	17.0	73	38.6	1
M358308		68	1.2	17.1	89	36.0	1
M358309		69	1.2	17.3	94	36.4	1
M358310		71	2.2	14.5	163	30.1	2
M358311		70	1.2	19.0	58	40.8	1
M358312		72	1.0	17.3	80	34.3	<1
M358313		72	1.1	17.6	153	31.8	<1
M358314		49	0.8	19.2	121	24.3	<1
M358315		3	0.1	0.8	16	<0.5	1
M358316		65	1.3	16.4	95	37.3	<1
M358317		68	1.3	16.8	192	33.9	<1
M358318		57	1.5	14.0	158	24.8	1
M358319		70	1.5	17.4	54	37.3	<1
M358320		62	1.3	15.1	101	31.9	<1
M358321		66	3.6	15.4	48	41.4	1
M358322		68	2.3	15.7	51	45.3	2
M358323		57	5.5	10.1	5460	26.7	25
M358324		65	1.5	15.4	42	39.9	<1
M358325		70	2.9	16.6	71	40.3	<1
M358326		63	6.4	14.5	91	37.9	1
M358327		3	0.1	0.9	13	0.5	<1
M358328		69	8.0	15.5	83	39.3	<1
M358329		56	8.9	12.7	3500	31.2	51
M358330		72	3.8	15.8	106	38.8	1
M358331		71	1.8	15.2	51	40.8	<1
M358332		68	2.9	16.3	225	36.8	<1
M358333		70	3.9	15.9	76	37.4	<1
M358334		64	6.0	13.1	150	34.8	1
M358335		73	3.9	16.2	147	35.5	1
M358336		55	5.4	10.2	5410	26.3	26
M358337		68	2.9	17.6	167	36.0	1
M358338							
M358339		65	2.6	14.5	127	34.3	1
M358340		63	4.0	14.4	439	33.2	2
M358341		74	4.0	16.9	267	42.6	1
M358342		70	3.3	17.5	52	40.6	1
M358343		69	1.9	16.3	58	37.1	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-116

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12201431

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201432

Project: Klaza-116

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

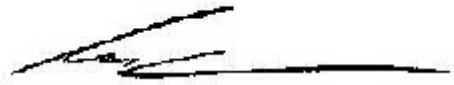
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201432

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358344		6.66	0.010	0.20	7.31	15.8	2410	1.55	1.33	2.22	0.26	45.8	6.9	12	6.66	14.2
M358345		4.11	0.067	0.35	7.04	18.1	2380	1.47	2.03	2.17	0.77	46.9	8.1	13	6.76	35.2
M358346		2.98	0.010	0.58	7.40	14.2	2520	1.59	2.91	2.26	0.61	46.9	5.6	10	6.81	63.5
M358347		3.16	0.022	0.98	6.40	16.0	2510	1.09	4.26	1.93	1.12	55.4	9.7	12	4.46	141.0
M358348		0.26	2.28	24.4	5.89	3410	1540	1.19	19.15	2.17	84.4	45.6	10.4	19	14.70	440
M358349		3.38	0.007	0.31	7.39	12.0	2570	1.51	2.04	2.30	0.64	45.0	9.3	10	6.34	26.1
M358350		5.94	<0.005	0.29	7.03	7.9	2300	1.46	1.65	2.45	0.33	45.1	6.6	12	8.04	16.5
M358351		2.41	0.292	33.7	7.26	595	610	1.48	137.5	2.46	12.65	52.0	5.9	8	16.00	745
M358352		3.28	<0.005	0.02	0.08	<5	70	0.06	0.07	21.1	0.08	1.35	1.4	<1	0.28	3.0
M358353		6.62	0.026	0.95	7.08	14.8	2290	1.44	5.86	2.64	0.54	46.0	6.8	11	8.01	71.7
M358354		4.10	0.031	0.29	7.22	12.6	2270	1.40	1.91	2.24	0.32	47.2	7.2	10	6.46	19.0
M358355		2.53	0.032	0.24	7.18	9.7	2310	1.41	2.20	2.21	0.10	46.1	6.6	10	7.07	17.8
M358356		1.99	0.005	0.15	7.34	11.2	2350	1.48	1.02	2.31	0.09	47.2	7.2	12	6.05	13.8
M358357		5.03	0.008	0.18	7.31	13.3	2360	1.37	1.21	2.37	0.11	46.5	7.1	13	6.11	15.1
M358358		2.59	0.021	0.17	7.22	13.6	2320	1.43	1.02	2.31	0.13	49.6	6.6	10	6.38	18.3
M358359		7.47	0.008	0.17	7.17	11.5	2320	1.42	1.08	2.41	0.14	44.6	7.1	11	5.56	12.8
M358360		6.85	0.010	0.25	7.24	9.9	2370	1.46	4.00	2.30	0.13	43.4	6.5	13	7.40	34.1
M358361		<0.02	0.009	0.23	7.33	10.8	2340	1.50	3.21	2.31	0.12	47.2	6.6	10	7.53	32.8
M358362		7.43	0.015	0.23	7.21	10.5	2270	1.43	0.90	2.74	0.34	46.0	7.8	14	9.14	18.2
M358363		0.26	4.26	>100	5.43	8030	1360	0.91	58.1	1.91	219	36.3	8.4	18	10.75	1270
M358364		4.19	0.005	0.33	7.06	11.8	2300	1.40	0.74	2.51	0.36	43.5	6.6	10	11.80	25.6
M358365		2.29	0.020	0.57	7.78	28.0	1760	1.46	1.67	1.43	0.76	50.7	8.6	9	19.70	28.8
M358366		4.91	0.225	34.1	5.52	483	690	1.11	135.0	0.94	2.63	41.6	5.7	7	11.00	2080
M358367		3.98	<0.005	0.03	0.07	6	30	0.05	0.09	20.6	0.06	1.28	1.1	<1	0.32	3.2
M358368		2.42	0.006	0.34	7.60	33.2	1950	1.43	0.92	1.08	0.52	52.7	6.6	8	20.3	23.2
M358369		2.53	0.056	0.71	7.77	30.3	2320	1.20	3.74	0.66	0.74	47.0	9.0	7	14.15	42.2
M358370		3.27	<0.005	0.10	7.96	8.1	2430	1.23	0.38	1.07	0.20	53.0	5.6	11	9.98	3.5
M358371		2.65	0.030	0.96	7.34	30.3	2370	1.26	2.29	0.95	2.56	38.0	7.1	10	9.11	43.0
M358372		3.01	<0.005	0.25	7.25	10.6	2350	1.37	0.59	1.96	0.46	36.1	9.2	10	9.66	7.3
M358373		2.51	0.025	0.42	7.37	20.5	2020	1.21	0.95	0.94	1.05	48.1	4.6	8	8.36	34.1
M358374		5.86	0.022	0.54	7.30	14.6	2800	1.33	1.40	1.72	1.19	41.3	14.3	10	13.15	53.8
M358375		2.53	0.080	0.53	6.21	13.7	1030	1.35	1.63	2.85	1.67	38.3	16.3	9	14.20	72.6
M358376		3.91	0.154	0.54	7.37	12.1	2640	1.47	1.76	2.36	0.72	53.1	6.3	9	11.25	68.6
M358377		5.45	0.030	0.34	7.55	20.0	2350	1.40	1.27	2.44	0.65	48.5	5.4	9	11.30	17.6
M358378		3.13	0.049	0.25	7.26	28.4	2920	1.40	1.00	3.65	0.42	55.1	5.9	13	13.95	18.6
M358379		2.57	0.043	0.63	7.44	24.4	2130	1.43	1.84	2.65	0.91	56.2	4.9	9	12.90	17.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358344		2.88	17.50	0.16	1.4	0.117	2.91	23.6	12.0	0.83	513	1.95	2.28	8.0	2.8	580
M358345		2.82	16.80	0.17	1.4	0.157	2.86	24.8	11.1	0.75	497	3.51	1.94	7.7	2.9	560
M358346		3.06	17.85	0.18	1.5	0.169	3.05	23.8	12.3	0.84	593	7.03	2.08	8.1	2.6	620
M358347		2.33	16.20	0.14	1.0	0.268	2.99	31.5	10.3	0.65	457	27.0	1.33	6.0	3.0	480
M358348		6.34	15.30	0.18	0.9	1.660	2.67	25.3	22.1	0.89	1900	13.75	0.04	5.9	15.9	430
M358349		2.84	17.45	0.14	1.5	0.121	3.20	23.0	12.6	0.78	528	6.19	2.13	7.9	2.6	590
M358350		2.79	17.80	0.16	1.4	0.107	2.88	21.9	14.0	0.76	548	1.36	2.29	8.1	2.9	600
M358351		5.22	16.75	0.20	1.3	0.516	3.34	28.5	14.4	0.81	1440	1.77	0.44	6.8	2.7	540
M358352		0.48	0.33	0.10	<0.1	0.005	0.03	0.7	1.2	13.20	216	0.51	0.01	0.4	3.1	170
M358353		3.03	17.50	0.15	1.4	0.299	2.98	22.3	11.5	0.88	568	1.01	2.04	8.3	2.8	610
M358354		2.88	17.60	0.17	1.5	0.126	2.83	23.5	9.9	0.83	479	2.53	2.29	8.2	2.8	590
M358355		2.96	17.30	0.15	1.6	0.124	2.77	23.1	9.6	0.74	460	1.03	2.16	8.0	2.9	570
M358356		2.99	17.95	0.15	1.7	0.082	2.83	23.4	9.1	0.82	485	1.26	2.46	8.4	2.8	590
M358357		3.12	17.80	0.16	1.4	0.087	2.72	22.9	9.4	0.91	535	1.24	2.45	8.3	3.1	620
M358358		2.93	17.35	0.16	1.4	0.094	2.67	24.9	9.1	0.86	497	1.06	2.39	7.9	2.7	590
M358359		2.86	17.40	0.16	1.4	0.088	2.72	22.2	8.6	0.79	500	1.33	2.37	8.1	2.9	590
M358360		2.95	17.30	0.16	1.5	0.140	2.76	21.5	11.7	0.82	489	2.88	2.43	7.9	2.9	600
M358361		2.90	17.80	0.16	1.5	0.135	2.72	24.0	11.6	0.82	482	2.92	2.41	8.1	2.7	580
M358362		2.97	17.20	0.17	1.5	0.104	2.83	23.5	13.2	0.78	534	1.45	2.17	7.9	2.9	580
M358363		7.73	13.55	0.23	1.1	4.58	2.32	19.3	24.0	0.62	3000	15.20	0.08	5.4	13.4	450
M358364		3.03	17.30	0.14	1.4	0.119	2.73	20.8	12.2	0.79	567	1.69	2.23	8.0	2.6	640
M358365		3.21	17.80	0.13	1.3	0.169	2.84	27.5	30.0	0.53	660	1.22	0.53	7.9	2.7	610
M358366		4.96	12.90	0.21	1.0	0.921	2.29	23.6	24.1	0.35	632	16.90	0.04	5.5	2.8	430
M358367		0.50	0.22	<0.05	<0.1	0.006	0.03	0.6	0.9	12.45	218	0.97	0.01	0.3	1.7	160
M358368		3.02	17.00	0.10	1.7	0.134	2.70	29.0	44.2	0.48	737	2.16	0.07	8.2	2.3	620
M358369		3.58	18.45	0.11	1.7	0.134	2.77	24.8	29.8	0.39	714	1.69	0.08	9.0	2.2	650
M358370		2.91	16.70	0.12	1.6	0.079	2.76	26.7	31.6	0.46	499	1.86	0.48	9.1	2.8	610
M358371		2.96	17.15	0.13	1.3	0.136	2.79	18.8	29.5	0.32	723	1.37	0.22	8.7	2.8	620
M358372		2.72	15.45	0.14	1.2	0.076	2.91	18.1	14.8	0.58	475	0.57	1.26	8.0	2.4	600
M358373		3.17	16.70	0.10	1.6	0.120	2.06	26.1	26.4	0.31	684	0.82	0.11	8.0	1.9	550
M358374		3.02	16.85	0.10	1.4	0.207	2.84	19.6	15.3	0.79	408	2.75	1.15	8.1	2.5	590
M358375		2.04	15.45	0.09	1.1	0.150	2.24	21.2	18.2	0.53	494	19.25	0.68	6.1	1.8	450
M358376		3.10	17.00	0.10	1.4	0.158	2.89	27.9	11.0	0.84	468	0.93	1.75	7.8	2.2	560
M358377		3.47	16.60	0.11	1.5	0.182	2.91	24.7	15.4	0.81	533	1.17	1.52	8.2	2.2	610
M358378		3.10	17.05	0.11	1.5	0.188	3.00	29.7	14.3	0.72	941	6.03	1.15	8.3	2.4	590
M358379		3.61	17.00	0.12	1.4	0.191	2.95	29.5	9.9	0.81	526	1.03	2.01	8.6	2.2	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358344		18.8	99.1	<0.002	0.30	2.85	10.3	1	2.0	386	0.62	0.08	12.7	0.247	1.17	3.4
M358345		30.0	108.5	<0.002	0.43	3.00	10.1	1	2.1	339	0.62	0.11	12.9	0.231	1.18	3.6
M358346		33.8	106.5	0.002	0.19	2.49	11.0	1	2.3	356	0.66	0.07	12.6	0.255	1.29	3.9
M358347		43.2	127.5	0.006	0.52	3.64	9.0	1	1.8	217	0.49	0.21	10.4	0.200	1.42	3.2
M358348		2850	159.0	0.002	4.68	102.0	7.8	2	8.1	94.2	0.45	0.37	10.1	0.183	2.20	4.5
M358349		28.6	113.0	<0.002	0.33	2.57	10.2	1	1.8	333	0.66	0.09	12.2	0.251	1.35	3.8
M358350		20.0	96.9	<0.002	0.10	2.13	10.2	1	1.6	357	0.62	<0.05	10.2	0.252	1.31	3.2
M358351		981	156.0	<0.002	3.46	34.3	9.7	3	5.4	135.5	0.54	0.49	13.3	0.226	2.58	4.6
M358352		1.7	1.7	<0.002	<0.01	0.08	<0.1	1	<0.2	52.5	<0.05	<0.05	0.2	<0.005	0.02	0.5
M358353		29.3	102.0	<0.002	0.40	4.39	9.8	1	2.0	315	0.65	0.14	10.8	0.256	1.39	3.5
M358354		17.6	96.6	<0.002	0.31	2.60	9.8	1	1.7	361	0.66	0.10	11.4	0.253	1.04	3.2
M358355		14.8	97.5	<0.002	0.46	2.23	9.1	1	2.0	351	0.65	0.20	12.4	0.240	1.12	3.4
M358356		14.8	94.8	<0.002	0.30	1.93	9.9	1	1.8	406	0.71	0.12	12.4	0.256	1.04	3.7
M358357		13.8	89.1	<0.002	0.21	1.87	10.4	1	1.9	428	0.63	0.07	12.3	0.266	1.04	3.5
M358358		14.0	88.5	<0.002	0.22	1.82	10.2	1	1.8	421	0.62	0.08	12.2	0.251	0.98	3.6
M358359		15.2	90.5	<0.002	0.27	2.21	9.9	1	1.7	392	0.64	0.07	11.2	0.249	1.03	3.5
M358360		15.3	86.4	<0.002	0.21	2.60	9.7	1	1.8	382	0.65	0.12	11.7	0.253	1.02	3.4
M358361		14.6	89.8	<0.002	0.21	2.61	10.0	1	1.8	380	0.63	0.12	12.3	0.252	1.02	3.5
M358362		18.3	101.0	<0.002	0.27	2.12	10.2	1	1.8	354	0.63	0.10	11.1	0.246	1.08	3.4
M358363		9560	130.0	0.002	6.89	214	6.0	2	9.0	124.0	0.40	0.52	8.1	0.184	2.07	4.4
M358364		20.7	93.3	<0.002	0.12	2.54	10.0	1	2.0	345	0.63	<0.05	10.0	0.264	1.20	3.3
M358365		32.6	116.0	<0.002	0.54	14.85	11.0	1	2.7	139.0	0.61	0.07	13.9	0.254	1.65	3.5
M358366		159.0	103.5	<0.002	4.67	623	7.6	12	14.0	42.9	0.43	4.64	9.3	0.188	1.95	8.3
M358367		1.4	1.7	<0.002	<0.01	0.34	0.3	1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358368		13.9	119.5	<0.002	0.54	27.3	10.2	1	2.9	77.1	0.72	0.05	13.1	0.256	1.65	5.3
M358369		28.6	122.5	<0.002	0.88	17.55	10.3	1	3.1	65.7	0.75	0.09	12.2	0.277	1.42	3.1
M358370		19.0	96.7	<0.002	0.12	10.40	10.3	1	1.5	128.0	0.68	<0.05	13.7	0.275	1.01	3.5
M358371		165.0	91.0	<0.002	0.59	17.80	10.0	1	2.5	88.5	0.64	0.08	10.3	0.274	1.28	4.0
M358372		23.1	96.6	0.002	0.38	3.88	9.3	2	1.4	230	0.61	<0.05	10.2	0.265	1.43	3.6
M358373		25.2	101.0	<0.002	0.49	20.8	9.4	1	2.0	74.1	0.67	<0.05	12.1	0.245	1.20	2.8
M358374		41.7	121.0	<0.002	0.60	6.90	9.0	1	2.4	192.0	0.68	0.08	11.2	0.257	1.68	3.2
M358375		36.8	120.0	0.004	1.00	7.12	7.3	1	2.2	162.0	0.52	0.54	9.7	0.186	1.46	3.6
M358376		26.6	116.0	<0.002	1.11	3.48	8.8	1	3.2	297	0.65	0.44	11.8	0.235	1.39	3.0
M358377		29.9	112.5	<0.002	0.60	3.82	9.0	1	2.4	279	0.71	0.12	11.2	0.258	1.38	3.4
M358378		20.1	127.5	<0.002	0.79	5.46	9.1	1	2.6	249	0.70	0.10	11.8	0.244	1.66	4.9
M358379		59.0	118.0	<0.002	1.39	3.39	9.2	1	2.7	325	0.70	0.19	11.9	0.246	1.39	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358344		69	1.7	17.3	53	41.7	<1	
M358345		65	1.4	17.2	87	40.9	<1	
M358346		75	1.7	18.3	96	43.8	<1	
M358347		72	1.6	14.7	108	30.9	<1	
M358348		58	7.4	9.7	5400	25.2	25	
M358349		70	1.2	17.3	91	42.9	<1	
M358350		69	1.2	16.1	58	39.7	<1	
M358351		62	4.6	15.4	865	36.4	34	
M358352		2	0.1	0.9	17	0.5	<1	
M358353		73	1.6	16.8	81	39.2	<1	
M358354		69	1.5	16.6	45	42.1	<1	
M358355		66	1.5	16.5	39	46.8	<1	
M358356		70	1.5	17.6	38	49.9	<1	
M358357		76	1.3	17.7	39	42.2	<1	
M358358		70	1.2	17.4	38	39.9	<1	
M358359		69	2.1	16.6	41	40.5	<1	
M358360		69	1.5	15.8	40	42.6	<1	
M358361		69	1.5	16.6	39	43.4	<1	
M358362		68	1.8	17.3	54	41.8	<1	
M358363		53	4.2	8.8	>10000	32.8	118	1.625
M358364		75	4.1	16.4	65	39.5	<1	
M358365		71	3.5	16.8	99	38.8	<1	
M358366		57	10.4	11.2	261	31.8	36	
M358367		2	0.1	0.8	18	<0.5	<1	
M358368		71	5.0	13.9	84	45.6	<1	
M358369		79	5.8	15.4	102	43.9	<1	
M358370		71	8.2	15.2	55	40.1	<1	
M358371		75	6.6	12.1	333	36.2	<1	
M358372		73	1.8	12.1	83	32.8	<1	
M358373		76	4.1	15.2	126	42.4	<1	
M358374		77	1.8	13.1	131	35.8	<1	
M358375		76	4.0	14.3	161	29.2	<1	
M358376		66	4.0	16.1	111	36.7	<1	
M358377		71	2.0	15.8	113	38.4	<1	
M358378		69	2.6	20.3	95	39.2	<1	
M358379		68	1.5	17.8	121	37.0	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12201432

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201433

Project: Klaza - 119

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

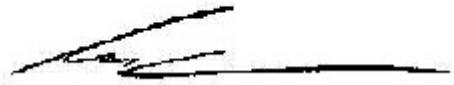
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 119

CERTIFICATE OF ANALYSIS WH12201433

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359234		2.81	<0.005	0.09	8.89	8.3	1150	2.10	0.18	0.48	0.49	67.2	6.8	19	7.82	13.3
M359235		4.55	<0.005	0.14	8.72	9.4	1200	2.34	0.30	0.33	0.40	69.8	8.2	18	12.15	13.8
M359236		2.58	<0.005	0.25	9.26	13.7	2150	1.82	0.40	0.26	0.41	54.0	7.4	8	18.95	21.2
M359237		2.12	<0.005	8.79	8.68	9.8	2110	1.53	0.18	0.40	0.34	53.9	8.1	10	20.3	43.1
M359238		<0.02	<0.005	15.45	8.71	9.7	2120	1.67	0.17	0.39	0.34	53.6	8.0	10	19.90	64.8
M359239		0.70	0.005	>100	8.60	11.5	2140	1.65	0.11	0.68	0.67	58.9	8.5	14	17.70	587
M359240		3.13	<0.005	0.56	8.22	6.7	2470	1.66	0.07	2.05	0.42	49.9	9.0	9	10.50	11.3
M359241		2.20	<0.005	0.23	8.38	11.0	2400	1.64	0.07	1.39	0.37	51.6	8.9	10	13.00	23.3
M359242		1.69	<0.005	0.32	8.07	8.1	1860	1.36	0.06	0.48	0.52	55.4	8.5	8	12.45	9.9
M359243		2.16	<0.005	0.21	8.05	21.0	2440	1.59	0.06	1.72	0.45	53.1	8.6	9	12.80	15.0
M359244		2.85	<0.005	0.22	8.91	22.5	2290	1.66	0.08	0.71	0.49	61.7	9.1	10	15.85	7.6
M359245		3.72	<0.005	0.25	8.67	9.1	2440	1.62	0.10	0.94	0.40	56.7	8.4	9	16.85	9.1
M359246		0.26	0.796	9.62	7.07	1590	1360	1.33	6.20	2.03	45.1	47.8	17.8	21	18.20	110.5
M359247		2.35	<0.005	0.24	9.40	14.6	2170	1.57	0.19	0.21	0.86	63.9	9.9	10	16.95	11.5
M359248		3.23	<0.005	0.18	8.29	11.5	1500	2.16	0.16	0.22	0.34	57.7	4.8	7	21.1	5.4
M359249		3.47	<0.005	0.01	0.16	5	30	0.07	0.03	21.3	0.07	1.50	1.9	<1	0.77	3.3
M359250		1.89	<0.005	0.10	7.70	6.7	840	2.85	0.06	0.22	0.22	61.4	3.0	6	18.50	4.2
M359251		2.97	<0.005	0.09	7.55	6.1	1400	2.29	0.05	0.47	0.24	60.9	2.5	6	16.15	4.3
M359252		5.75	<0.005	0.11	8.14	6.3	1950	2.22	0.02	0.41	0.32	63.1	3.7	9	17.00	4.4
M359253		6.28	<0.005	0.05	8.19	6.0	2150	2.25	0.02	0.42	0.28	60.4	3.8	9	19.70	1.8
M359254		7.19	<0.005	0.09	6.55	28.6	1300	2.19	0.03	3.19	0.39	38.2	4.3	8	22.0	3.7
M359255		7.44	<0.005	0.18	6.33	10.4	1490	2.22	0.03	2.94	0.49	36.5	3.4	7	21.7	5.3
M359256		7.37	<0.005	0.08	6.64	9.3	1870	1.80	0.03	3.01	0.31	41.7	3.3	8	17.35	1.2
M359257		2.99	<0.005	0.03	6.41	8.5	430	2.36	0.04	1.89	0.29	41.0	2.4	6	17.65	1.4
M359258		1.35	<0.005	0.03	6.57	7.4	290	2.32	0.04	1.97	0.21	39.9	1.8	5	18.00	1.0
M359259		6.28	<0.005	0.08	6.61	4.5	680	2.31	0.06	2.09	0.34	47.7	2.2	5	18.70	1.3
M359260		2.40	<0.005	0.05	6.62	7.0	4640	1.87	0.16	1.10	0.15	44.6	2.3	6	18.30	3.4
M359261		0.26	0.812	9.10	6.79	1525	1640	1.26	5.53	1.92	37.8	41.2	15.9	18	14.65	101.5
M359262		4.27	<0.005	0.16	7.47	5.3	>10000	1.38	0.15	1.96	0.19	43.3	6.6	9	23.7	3.7
M359263		4.92	<0.005	0.09	7.14	5.0	2700	1.29	0.16	2.11	0.27	38.7	6.7	11	17.30	4.0
M359264		2.89	<0.005	0.09	7.08	5.2	2060	1.49	0.10	2.24	0.28	41.4	6.3	8	19.00	4.9
M359265		3.81	<0.005	0.09	7.11	3.5	1990	1.32	0.09	2.31	0.24	39.2	6.5	13	21.7	3.7
M359266		2.67	0.027	11.45	6.91	14.6	1490	1.65	0.51	2.57	41.6	39.0	7.1	6	19.95	77.6
M359267		4.07	<0.005	0.16	0.11	<5	20	0.09	<0.01	22.2	0.07	1.07	0.8	<1	0.27	1.3
M359268		7.13	<0.005	0.49	7.12	6.1	2660	1.28	0.30	2.77	0.77	38.2	6.3	8	19.45	7.8
M359269		4.15	<0.005	0.11	7.36	4.8	1480	1.20	0.33	2.00	0.13	38.9	6.2	14	20.1	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 119

CERTIFICATE OF ANALYSIS WH12201433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359234		2.41	22.1	0.14	2.1	0.030	1.57	34.7	184.0	0.24	847	2.02	0.32	10.2	7.6	860
M359235		2.66	21.7	0.15	3.2	0.031	2.62	37.7	126.5	0.16	722	1.96	0.10	11.6	7.5	1000
M359236		2.60	20.2	0.15	2.0	0.037	3.87	27.6	70.3	0.30	734	1.96	0.54	10.9	3.6	590
M359237		3.05	19.35	0.19	1.4	0.038	3.22	29.3	42.1	0.35	586	1.69	0.89	8.5	5.0	680
M359238		3.05	18.80	0.17	1.4	0.038	3.23	29.2	40.1	0.35	584	1.62	0.90	8.6	5.7	670
M359239		3.03	18.90	0.18	1.4	0.039	3.07	30.2	30.3	0.42	887	1.70	1.17	8.5	23.2	660
M359240		3.17	18.35	0.17	1.4	0.041	2.86	25.2	30.2	0.74	1420	1.34	2.36	8.3	3.7	650
M359241		3.10	19.55	0.18	1.5	0.039	2.93	26.6	29.6	0.43	771	1.73	2.23	9.4	3.6	730
M359242		2.84	17.80	0.17	1.4	0.036	2.82	30.1	64.5	0.22	1100	2.07	1.27	8.1	2.9	710
M359243		3.03	18.75	0.18	1.4	0.037	2.87	25.8	22.3	0.49	782	1.53	2.31	8.4	3.5	710
M359244		3.12	20.0	0.17	1.7	0.041	3.35	31.2	59.3	0.24	1350	2.82	1.09	9.5	3.0	750
M359245		3.13	19.30	0.18	1.6	0.038	3.08	28.2	54.6	0.32	806	1.95	1.55	9.8	3.2	750
M359246		5.55	16.70	0.21	1.4	0.925	3.13	24.3	25.7	0.74	2150	13.05	0.29	7.9	16.3	550
M359247		3.13	20.6	0.15	1.7	0.042	3.38	32.9	79.8	0.18	1060	3.97	0.26	9.5	2.9	720
M359248		2.15	19.30	0.14	2.1	0.031	3.25	31.5	128.5	0.20	1100	4.14	0.09	10.5	2.3	480
M359249		0.51	0.56	0.15	<0.1	0.005	0.07	0.7	2.1	13.35	224	0.17	0.01	0.4	3.3	200
M359250		1.35	18.50	0.20	2.4	0.017	2.19	30.4	196.5	0.17	518	2.66	0.04	10.7	1.5	350
M359251		1.33	18.15	0.17	2.3	0.018	3.13	31.6	134.5	0.18	486	2.13	0.16	10.6	1.5	370
M359252		1.95	19.80	0.16	2.1	0.023	3.63	33.3	85.4	0.27	686	1.94	1.15	10.6	2.3	530
M359253		1.93	19.95	0.16	2.1	0.023	3.32	32.3	103.0	0.26	646	2.28	0.21	10.6	2.1	540
M359254		1.71	18.90	0.17	1.9	0.022	2.95	17.0	113.5	0.23	612	1.34	0.12	10.3	2.1	490
M359255		1.78	18.40	0.15	1.8	0.023	2.53	16.7	149.0	0.27	618	1.29	0.09	9.7	2.0	460
M359256		1.78	17.55	0.14	1.9	0.022	2.78	19.9	89.0	0.46	528	1.23	0.16	9.9	2.2	450
M359257		1.30	16.95	0.14	2.1	0.015	2.24	20.1	209	0.21	339	1.03	0.07	9.7	1.3	290
M359258		1.22	17.40	0.14	2.3	0.013	2.27	19.5	239	0.23	282	0.94	0.03	10.0	1.4	270
M359259		1.21	16.40	0.14	2.1	0.015	2.20	24.5	178.0	0.54	490	0.91	0.03	9.3	1.2	270
M359260		1.11	15.65	0.12	2.3	0.013	2.64	23.7	151.5	0.40	476	1.14	0.08	10.0	1.2	190
M359261		5.33	14.05	0.11	1.0	0.752	2.92	20.7	22.3	0.72	1980	11.30	0.28	6.8	14.3	500
M359262		2.71	15.00	0.10	0.9	0.033	3.06	22.1	50.6	0.74	971	1.13	0.08	7.2	2.3	580
M359263		2.68	14.50	0.10	0.8	0.036	2.65	19.6	57.0	0.74	928	1.19	0.07	6.7	2.4	570
M359264		2.54	14.60	0.10	1.1	0.024	3.03	20.7	75.2	0.63	785	1.55	0.85	7.1	2.2	500
M359265		2.77	14.30	0.13	1.1	0.030	2.83	19.4	44.9	0.65	971	1.41	1.80	7.1	2.7	550
M359266		2.78	14.40	0.14	0.9	0.070	3.40	19.5	24.6	0.88	3910	1.36	0.09	6.8	2.1	510
M359267		0.49	0.25	0.09	<0.1	0.005	0.05	0.5	1.3	13.45	217	0.13	0.01	0.1	2.1	190
M359268		2.82	13.95	0.11	1.1	0.025	2.62	19.0	57.7	0.99	1460	0.93	0.05	6.7	2.2	540
M359269		2.70	14.25	0.12	0.8	0.030	2.54	19.7	160.0	0.77	852	1.40	0.07	6.6	2.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 119

CERTIFICATE OF ANALYSIS WH12201433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359234		16.7	70.3	<0.002	0.01	16.00	8.4	1	1.7	172.5	0.80	<0.05	13.9	0.260	0.64	4.0
M359235		25.7	103.0	<0.002	0.01	11.00	8.3	1	1.8	181.5	0.91	<0.05	13.8	0.294	1.09	5.0
M359236		40.4	162.0	<0.002	<0.01	13.25	11.0	1	3.8	107.5	1.03	<0.05	19.5	0.235	1.60	5.6
M359237		29.4	151.0	<0.002	<0.01	10.75	12.6	1	2.3	123.5	0.72	<0.05	17.5	0.274	1.32	3.7
M359238		28.5	150.0	<0.002	<0.01	10.55	12.6	1	2.2	122.0	0.69	<0.05	17.0	0.272	1.29	3.6
M359239		26.3	140.5	0.003	<0.01	12.00	12.7	1	1.7	157.5	0.71	<0.05	17.4	0.263	1.20	4.0
M359240		16.8	119.0	<0.002	<0.01	3.06	13.5	1	1.8	371	0.67	<0.05	14.3	0.279	1.03	2.0
M359241		17.3	133.0	<0.002	<0.01	3.47	12.6	1	3.5	314	0.70	<0.05	16.3	0.283	1.07	3.3
M359242		18.0	124.0	<0.002	<0.01	8.03	11.9	1	2.0	162.5	0.69	<0.05	16.2	0.264	1.07	3.3
M359243		25.0	117.0	<0.002	<0.01	3.45	12.3	1	2.7	351	0.66	<0.05	14.9	0.271	0.98	2.4
M359244		18.6	150.0	<0.002	<0.01	12.40	13.1	1	2.0	183.5	0.80	<0.05	18.3	0.291	1.42	4.3
M359245		18.7	141.5	<0.002	0.01	8.41	12.5	1	2.1	232	0.88	<0.05	16.9	0.284	1.15	3.5
M359246		1465	174.0	0.002	3.22	37.5	9.4	2	6.1	164.0	0.63	0.32	13.0	0.220	2.41	4.6
M359247		36.6	153.5	<0.002	<0.01	9.98	13.4	1	2.8	94.3	0.80	<0.05	20.6	0.288	1.30	5.1
M359248		22.3	144.0	<0.002	0.01	13.75	8.1	1	2.5	123.5	0.98	<0.05	17.3	0.197	1.47	5.8
M359249		1.2	5.0	<0.002	<0.01	0.05	0.2	1	<0.2	47.5	<0.05	<0.05	<0.2	0.006	0.03	0.5
M359250		23.1	95.2	<0.002	0.01	6.92	4.0	1	1.6	169.0	1.00	<0.05	16.4	0.134	0.92	5.5
M359251		23.1	123.5	<0.002	0.01	6.31	4.1	1	1.4	247	0.99	<0.05	16.0	0.141	1.23	4.1
M359252		23.6	150.5	<0.002	0.01	4.99	5.5	1	1.6	155.5	0.93	<0.05	14.3	0.203	1.41	3.4
M359253		18.5	139.0	<0.002	0.02	7.05	5.6	1	1.3	180.5	0.92	<0.05	13.2	0.207	1.41	3.6
M359254		25.9	94.2	<0.002	0.01	6.14	4.4	1	1.5	325	0.84	<0.05	7.6	0.199	1.40	2.9
M359255		29.1	79.8	<0.002	0.02	9.51	4.4	1	1.3	395	0.82	<0.05	7.3	0.190	1.32	3.3
M359256		24.6	85.4	<0.002	0.03	7.65	4.2	1	1.3	343	0.84	<0.05	8.5	0.180	1.51	3.4
M359257		25.0	84.4	<0.002	<0.01	7.57	3.3	1	1.2	257	0.95	<0.05	10.6	0.115	1.15	2.9
M359258		20.5	84.7	<0.002	<0.01	7.90	3.1	1	1.2	279	1.01	<0.05	10.4	0.114	1.26	2.7
M359259		23.2	83.3	<0.002	0.02	8.33	3.5	1	1.5	309	0.93	<0.05	13.2	0.117	1.18	7.8
M359260		15.0	110.0	<0.002	0.12	17.55	3.2	1	1.6	289	1.12	<0.05	15.2	0.090	1.67	13.1
M359261		1405	148.5	<0.002	3.20	30.4	8.1	1	5.4	146.0	0.56	0.33	10.5	0.214	2.33	4.6
M359262		21.5	120.0	<0.002	0.30	10.95	9.5	1	2.1	334	0.54	<0.05	12.2	0.241	1.60	1.7
M359263		20.8	91.3	<0.002	0.07	15.25	9.2	1	1.7	295	0.53	<0.05	10.0	0.239	1.32	1.5
M359264		27.1	99.8	<0.002	0.03	9.75	8.3	1	1.6	282	0.64	<0.05	14.7	0.224	1.29	3.5
M359265		20.9	107.5	<0.002	<0.01	5.30	8.9	1	1.6	366	0.59	<0.05	12.7	0.238	1.22	2.7
M359266		81.4	128.0	<0.002	0.33	47.5	8.4	1	1.7	197.0	0.59	<0.05	10.7	0.232	2.03	3.4
M359267		1.2	1.9	0.002	<0.01	0.08	0.3	<1	0.2	36.9	<0.05	<0.05	<0.2	0.005	0.03	0.5
M359268		77.7	90.2	<0.002	0.07	25.4	8.3	1	1.6	248	0.61	<0.05	10.5	0.244	1.55	1.7
M359269		15.7	92.1	<0.002	0.02	22.1	8.8	1	1.5	218	0.57	<0.05	11.3	0.238	1.24	1.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 119

CERTIFICATE OF ANALYSIS WH12201433

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359234		61	3.8	11.1	67	64.7	<1
M359235		66	2.4	15.0	75	122.0	<1
M359236		63	3.3	18.3	113	51.7	<1
M359237		77	83.2	20.2	101	39.0	10
M359238		77	140.0	20.2	102	38.9	16
M359239		76	384	19.3	112	39.2	114
M359240		83	2.3	20.8	67	36.7	1
M359241		81	2.1	18.4	69	42.5	<1
M359242		72	3.1	20.4	74	37.8	<1
M359243		76	1.0	18.3	97	38.4	<1
M359244		80	2.6	23.1	82	45.1	<1
M359245		78	5.5	21.7	77	41.8	<1
M359246		63	5.1	12.1	3260	44.5	9
M359247		81	3.2	24.2	131	44.6	<1
M359248		47	2.7	18.5	84	51.8	<1
M359249		4	0.1	0.9	15	<0.5	<1
M359250		23	1.3	12.2	60	64.1	<1
M359251		23	1.6	14.0	60	62.3	<1
M359252		36	1.4	14.5	84	54.9	<1
M359253		38	1.6	14.2	66	52.6	<1
M359254		37	1.5	9.5	71	50.3	<1
M359255		36	1.5	9.2	86	49.5	<1
M359256		34	1.5	10.3	78	49.7	<1
M359257		20	1.8	9.4	59	55.6	<1
M359258		19	1.8	9.1	57	57.7	<1
M359259		21	2.0	11.0	62	55.7	<1
M359260		18	1.8	13.2	46	55.4	<1
M359261		60	4.6	10.6	2970	37.0	10
M359262		66	1.8	15.1	70	28.4	<1
M359263		67	2.0	14.5	76	26.8	<1
M359264		61	1.8	13.5	63	30.1	<1
M359265		66	1.2	14.4	70	28.4	<1
M359266		64	2.1	14.4	4190	26.5	12
M359267		3	0.1	0.8	17	<0.5	<1
M359268		72	2.9	14.2	140	27.3	<1
M359269		68	2.4	13.1	64	23.0	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2012
Account: ROCKHA

Project: Klaza - 119

CERTIFICATE OF ANALYSIS WH12201433

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12201434

Project: Klaza-119

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

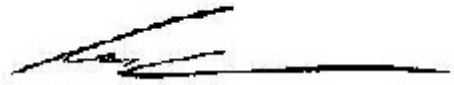
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12201434

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359270		7.75	<0.005	0.13	7.01	5.9	2020	1.29	0.56	2.46	0.17	43.6	7.6	9	24.2	4.9
M359271		8.61	<0.005	0.09	6.94	6.0	1870	1.26	0.11	2.70	0.14	37.1	8.0	10	26.4	5.6
M359272		5.66	<0.005	0.04	7.00	5.5	1750	1.27	0.05	2.26	0.26	41.0	6.8	8	24.0	3.5
M359273		3.22	<0.005	0.15	7.00	16.8	3340	1.48	0.08	3.19	0.42	43.5	9.9	8	24.6	11.1
M359274		1.01	<0.005	0.13	6.93	18.0	1740	1.43	0.05	2.93	0.45	43.7	7.0	11	24.5	8.9
M359275		2.73	<0.005	0.30	6.82	18.8	1640	1.47	0.58	2.22	0.37	41.1	9.5	7	23.6	8.6
M359276		2.22	<0.005	0.01	0.22	<5	50	0.11	0.02	20.5	0.05	2.86	1.8	3	0.79	1.7
M359277		4.70	<0.005	0.11	7.26	12.7	1470	1.66	0.06	2.22	0.18	47.8	7.0	8	26.5	14.5
M359278		2.50	<0.005	0.06	6.55	6.8	1100	1.54	0.07	2.74	0.08	37.8	7.2	8	28.5	5.7
M359279		3.75	<0.005	0.08	6.56	7.8	1170	1.48	0.05	3.07	0.11	44.3	6.6	7	24.4	10.9
M359280		2.57	<0.005	0.10	6.47	9.1	1960	1.29	0.17	3.98	0.11	52.5	10.0	7	21.4	3.3
M359281		4.14	<0.005	0.04	7.06	5.8	1020	1.48	0.05	2.70	0.06	48.7	7.1	9	28.7	5.7
M359282		3.31	<0.005	0.08	6.88	12.9	1100	1.50	0.15	3.30	0.07	45.2	6.7	8	24.5	4.1
M359283		2.61	<0.005	0.21	6.68	28.0	1830	1.53	0.44	3.37	0.11	43.7	7.6	7	22.5	4.9
M359284		4.83	<0.005	0.06	6.33	6.1	980	1.36	0.04	3.28	0.08	42.9	6.5	8	20.5	7.6
M359285		3.99	<0.005	0.05	6.53	6.5	1080	1.46	0.05	2.94	0.07	42.7	6.9	7	21.8	8.8
M359286		3.46	<0.005	0.07	6.60	4.9	1230	1.62	0.06	3.49	0.09	42.6	6.7	7	22.8	7.4
M359287		3.38	<0.005	0.10	7.23	8.3	1790	1.34	0.14	1.64	0.09	51.5	7.6	9	32.9	5.5
M359288		0.26	2.35	24.2	5.73	3360	960	1.16	18.20	2.22	76.6	46.6	10.2	18	15.80	442
M359289		4.20	<0.005	0.15	6.93	9.5	1810	1.25	0.12	1.91	0.22	42.6	7.9	10	20.1	8.2
M359290		<0.02	<0.005	0.11	7.46	6.6	1960	1.34	0.09	2.07	0.15	46.9	8.1	10	21.9	9.1
M359291		3.44	<0.005	0.13	6.65	16.6	980	1.46	0.09	3.34	0.15	48.9	7.6	10	22.0	9.8
M359292		5.51	<0.005	0.26	6.52	32.9	1090	1.48	0.21	2.39	0.14	41.4	8.5	11	17.95	11.6
M359293		3.77	0.602	5.65	6.68	1665	580	1.33	0.14	2.34	2.26	40.8	6.0	7	15.70	14.1
M359294		3.19	<0.005	0.22	0.06	<5	10	0.06	0.03	20.9	0.03	1.09	0.7	<1	0.17	2.6
M359295		4.58	<0.005	0.20	7.05	27.6	1720	1.45	0.10	2.60	0.09	38.9	7.4	8	22.2	12.6
M359296		2.77	<0.005	0.25	6.87	18.8	3570	1.37	0.16	3.04	0.10	43.8	8.1	8	21.8	16.8
M359297		4.38	<0.005	0.15	7.51	4.6	2200	1.75	0.08	2.85	0.09	46.8	7.7	10	15.65	14.5
M359298		4.33	<0.005	0.07	7.21	6.3	1950	1.68	0.08	2.85	0.10	40.5	6.8	8	18.50	12.4
M359299		0.26	0.800	9.90	6.87	1775	1150	1.52	5.85	1.91	41.4	44.3	16.8	19	16.65	110.5
M359300		4.63	<0.005	0.38	6.99	7.5	1930	1.53	0.10	3.04	0.12	37.8	7.5	8	17.50	15.9
M359301		2.78	<0.005	0.18	6.97	8.1	1890	1.79	0.09	2.74	0.09	40.1	7.0	10	20.0	9.5
M359302		7.55	<0.005	0.15	7.22	4.1	2070	1.56	0.11	2.69	0.11	41.9	7.4	11	11.40	10.1
M359303		2.68	<0.005	0.13	7.45	5.1	2110	1.65	0.09	2.69	0.09	44.2	7.4	9	12.50	8.8
M359304		3.40	<0.005	0.12	7.44	5.6	2160	1.71	0.10	2.43	0.12	47.0	7.7	9	15.00	9.9
M359305		2.56	<0.005	0.14	7.29	8.8	1990	1.74	0.09	2.70	0.13	47.2	7.9	10	18.25	10.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12201434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359270		3.05	16.15	0.10	1.4	0.038	2.92	21.7	89.1	0.78	1030	0.85	0.43	8.2	2.6	620
M359271		3.10	16.45	0.10	1.4	0.034	2.88	17.7	105.5	0.67	846	0.91	0.71	8.4	2.4	600
M359272		2.72	16.05	0.11	1.5	0.035	3.05	20.1	93.2	0.68	922	0.93	0.25	8.0	2.3	570
M359273		2.99	15.45	0.11	1.3	0.044	3.52	21.9	25.7	0.84	2570	1.03	0.07	7.9	2.3	590
M359274		2.87	15.45	0.11	1.3	0.043	3.39	22.2	21.5	0.80	2430	0.86	0.08	7.8	2.5	570
M359275		2.88	15.55	0.10	1.4	0.067	3.33	20.5	11.8	0.65	2580	1.40	0.03	8.0	2.4	570
M359276		0.50	0.58	0.05	<0.1	<0.005	0.10	1.5	2.4	12.35	216	0.14	0.01	0.4	3.7	170
M359277		2.88	16.85	0.11	1.5	0.054	3.34	24.3	27.2	0.73	2120	1.22	0.04	8.8	2.5	600
M359278		2.65	16.55	0.09	1.4	0.040	3.44	18.1	58.3	0.50	1250	0.97	0.08	8.9	2.5	570
M359279		2.86	15.30	0.10	1.4	0.042	3.17	22.3	13.7	0.81	1740	0.69	0.05	8.4	2.3	540
M359280		3.10	14.10	0.11	1.2	0.057	2.97	28.5	11.4	1.09	2330	1.53	0.04	7.3	2.5	470
M359281		2.97	15.85	0.11	1.4	0.041	3.37	25.6	12.3	0.80	1220	0.63	0.05	8.5	2.5	560
M359282		3.04	15.75	0.10	1.4	0.040	3.09	21.8	45.5	0.77	1110	0.59	0.25	9.0	2.4	630
M359283		2.84	15.15	0.10	1.2	0.035	2.89	22.6	39.4	0.95	1140	0.71	0.07	7.8	2.0	520
M359284		2.77	14.10	0.10	1.3	0.034	2.84	21.9	79.9	0.87	1260	0.58	0.06	7.6	2.4	520
M359285		2.79	15.15	0.11	1.3	0.033	2.90	21.6	32.7	0.79	1430	0.52	0.10	7.9	2.3	510
M359286		2.90	16.80	0.10	1.2	0.038	3.21	21.8	14.8	0.90	2000	0.66	0.25	7.2	2.4	510
M359287		2.79	16.25	0.11	1.2	0.035	3.13	26.7	94.0	0.52	768	0.79	0.69	7.9	2.4	600
M359288		6.76	13.45	0.14	1.0	1.690	2.66	25.5	21.7	0.89	1900	14.05	0.04	6.0	12.8	440
M359289		2.87	15.50	0.10	1.3	0.037	2.96	21.1	37.0	0.65	707	3.60	0.85	8.1	2.5	560
M359290		3.13	16.80	0.10	1.4	0.036	3.23	23.1	38.4	0.71	770	1.94	0.93	9.1	2.7	610
M359291		2.94	15.00	0.10	1.2	0.033	2.65	25.6	97.2	1.00	1050	0.68	0.09	7.6	2.4	530
M359292		2.48	15.55	0.10	1.2	0.036	2.60	20.6	67.4	0.68	1210	1.09	0.05	7.8	2.5	560
M359293		3.11	14.05	0.13	1.0	0.052	2.89	21.2	20.4	0.65	7670	0.81	0.04	6.7	3.3	500
M359294		0.44	0.16	0.08	<0.1	0.005	0.02	0.5	1.3	12.95	208	0.16	<0.01	0.1	1.6	200
M359295		2.70	16.25	0.14	1.1	0.045	3.12	18.7	32.4	0.63	2060	1.09	0.81	7.8	3.0	590
M359296		2.83	15.25	0.14	1.1	0.045	3.11	21.9	18.8	0.85	929	0.85	0.35	7.8	3.4	600
M359297		2.92	17.60	0.12	1.2	0.042	2.83	21.8	23.4	0.77	701	0.69	2.35	8.6	3.0	610
M359298		2.87	15.85	0.14	1.2	0.040	2.93	18.3	88.9	0.77	731	0.56	1.31	8.0	2.9	630
M359299		5.23	14.85	0.13	1.5	0.891	2.89	22.9	25.2	0.72	2000	11.85	0.27	7.4	16.0	510
M359300		2.88	16.45	0.13	1.2	0.036	2.86	17.4	49.8	0.79	777	0.57	1.45	7.9	2.8	620
M359301		2.67	16.50	0.13	1.2	0.041	2.93	19.7	46.6	0.67	699	0.56	1.40	7.8	3.1	550
M359302		2.78	16.45	0.13	1.2	0.045	2.78	19.8	17.4	0.74	702	0.72	2.36	7.9	3.3	570
M359303		2.86	16.80	0.13	1.3	0.045	2.82	21.0	15.5	0.78	688	0.62	2.29	8.0	3.3	590
M359304		2.82	17.00	0.15	1.3	0.042	2.87	21.6	26.2	0.78	658	0.62	2.42	8.4	3.0	580
M359305		2.82	17.60	0.13	1.4	0.044	2.86	22.1	31.1	0.73	715	0.62	2.14	8.6	3.4	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12201434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359270		21.2	101.0	<0.002	0.02	16.95	9.2	1	1.7	264	0.65	<0.05	10.8	0.256	1.29	3.1
M359271		20.2	93.8	<0.002	0.01	12.55	8.7	1	1.9	261	0.71	<0.05	9.8	0.263	1.22	2.9
M359272		16.9	105.5	<0.002	0.01	18.95	9.0	1	1.6	261	0.66	<0.05	10.9	0.257	1.37	3.5
M359273		13.0	140.5	<0.002	0.21	52.1	8.6	1	1.7	136.5	0.64	<0.05	10.7	0.263	2.09	5.3
M359274		13.2	149.5	<0.002	0.14	53.4	8.9	1	1.6	114.0	0.64	<0.05	10.9	0.255	2.11	5.3
M359275		15.2	144.5	<0.002	0.53	91.8	8.7	1	2.1	121.5	0.70	<0.05	10.9	0.247	2.00	7.4
M359276		1.1	5.3	<0.002	<0.01	0.32	0.5	1	<0.2	40.6	<0.05	<0.05	0.2	0.008	0.03	0.6
M359277		10.8	157.0	<0.002	0.15	70.1	9.2	1	1.8	145.0	0.92	<0.05	12.5	0.248	2.11	5.7
M359278		12.0	142.5	<0.002	0.06	53.5	8.7	1	1.7	150.0	0.84	<0.05	10.5	0.256	2.00	4.3
M359279		8.9	142.0	<0.002	0.10	43.1	9.1	1	1.5	146.5	0.78	<0.05	10.8	0.241	1.97	4.9
M359280		6.8	132.0	<0.002	0.12	56.7	8.6	1	1.3	141.5	0.70	<0.05	12.0	0.214	1.44	5.4
M359281		7.2	158.0	<0.002	0.02	49.5	9.5	1	1.6	117.5	0.88	<0.05	12.4	0.253	2.07	3.3
M359282		12.4	112.5	<0.002	0.03	32.9	9.6	1	1.7	192.5	0.88	<0.05	10.6	0.267	1.57	3.4
M359283		9.7	115.5	<0.002	0.12	53.4	8.4	1	1.5	152.5	0.71	<0.05	11.2	0.237	1.51	3.6
M359284		8.4	109.0	<0.002	0.02	34.5	8.1	1	1.5	160.5	0.64	<0.05	10.4	0.231	1.52	2.8
M359285		7.8	115.5	<0.002	0.02	43.6	8.2	1	1.6	156.0	0.67	<0.05	11.1	0.232	1.59	2.5
M359286		9.2	129.0	<0.002	0.01	39.6	8.2	1	1.6	193.0	0.58	<0.05	10.4	0.227	1.71	2.8
M359287		14.9	136.5	<0.002	0.04	45.6	9.6	1	1.7	201	0.61	<0.05	12.5	0.253	1.54	2.8
M359288		2800	159.0	<0.002	4.90	92.1	6.9	1	8.1	88.2	0.48	0.42	9.9	0.180	2.23	4.9
M359289		23.1	110.0	<0.002	0.02	19.40	9.0	1	1.8	210	0.67	<0.05	10.9	0.248	1.30	2.2
M359290		22.1	118.5	<0.002	0.02	21.3	9.6	1	2.1	227	0.74	<0.05	11.9	0.273	1.42	2.5
M359291		13.5	103.5	<0.002	0.08	50.9	9.2	1	1.7	223	0.61	<0.05	11.5	0.229	1.31	3.0
M359292		14.6	91.0	<0.002	0.19	85.4	8.7	1	1.8	189.5	0.64	<0.05	10.5	0.242	1.43	5.8
M359293		34.0	113.0	0.003	1.22	1715	9.6	<1	2.5	98.1	0.52	<0.05	14.2	0.229	1.62	3.4
M359294		1.5	1.3	0.002	<0.01	2.25	0.2	<1	0.2	40.7	<0.05	<0.05	0.3	<0.005	<0.02	0.9
M359295		14.8	128.5	0.002	0.23	71.9	10.4	<1	1.8	216	0.62	<0.05	12.0	0.261	1.70	4.1
M359296		12.1	124.5	<0.002	0.17	85.3	10.8	1	1.9	171.5	0.63	<0.05	13.4	0.265	1.78	5.1
M359297		19.7	111.5	0.003	0.01	5.72	10.9	1	2.0	409	0.71	<0.05	14.5	0.273	1.14	3.5
M359298		18.0	104.0	<0.002	0.02	17.45	10.0	1	1.7	313	0.64	<0.05	13.1	0.261	1.39	3.7
M359299		1375	169.0	0.003	3.18	33.1	9.5	1	5.8	147.0	0.60	0.26	14.5	0.211	2.59	5.9
M359300		21.4	101.5	0.003	0.07	12.05	10.2	1	1.7	324	0.60	<0.05	11.7	0.271	1.37	3.2
M359301		18.4	112.0	<0.002	0.03	26.2	9.6	<1	1.8	297	0.65	<0.05	13.1	0.245	1.39	3.8
M359302		21.4	100.5	<0.002	0.01	3.55	10.7	1	1.7	368	0.65	<0.05	12.8	0.255	1.12	4.1
M359303		19.8	108.0	<0.002	0.01	2.66	10.6	1	1.8	382	0.60	<0.05	13.7	0.260	1.08	4.0
M359304		20.7	114.0	<0.002	0.01	3.09	10.9	1	1.8	388	0.62	<0.05	13.3	0.266	1.07	3.9
M359305		21.5	124.5	0.003	0.02	5.66	10.9	1	1.9	365	0.62	<0.05	13.2	0.257	1.27	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12201434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359270		74	2.2	15.3	76	33.1	<1
M359271		74	2.0	13.2	67	33.3	<1
M359272		70	2.3	13.9	73	35.3	<1
M359273		69	2.8	14.4	81	32.1	<1
M359274		66	2.5	14.3	77	32.4	<1
M359275		68	3.1	13.2	85	33.7	<1
M359276		5	0.1	0.9	13	0.5	<1
M359277		66	4.4	16.3	66	32.7	<1
M359278		71	3.0	12.4	59	31.6	<1
M359279		66	2.0	15.5	60	30.5	<1
M359280		60	1.8	17.7	50	28.7	<1
M359281		67	1.7	15.1	64	30.7	<1
M359282		73	1.8	15.3	58	31.9	<1
M359283		66	1.8	13.6	56	27.8	<1
M359284		62	1.6	13.0	46	29.9	<1
M359285		63	1.8	12.8	52	30.7	<1
M359286		69	1.8	13.4	53	29.8	<1
M359287		72	2.4	13.2	60	29.9	<1
M359288		59	5.3	9.5	5410	26.6	25
M359289		68	1.9	12.8	62	30.6	<1
M359290		74	2.1	14.2	66	35.0	<1
M359291		66	2.1	15.4	58	28.3	<1
M359292		65	2.6	11.9	45	30.5	<1
M359293		57	1.5	12.0	643	23.7	5
M359294		1	0.1	0.8	13	<0.5	<1
M359295		67	1.4	14.2	49	25.2	<1
M359296		70	2.4	14.5	56	24.4	<1
M359297		71	0.8	16.6	58	27.5	<1
M359298		71	1.2	14.8	56	28.2	<1
M359299		57	5.5	11.9	2990	37.3	9
M359300		77	1.0	15.2	61	29.1	<1
M359301		65	0.8	14.1	55	28.3	<1
M359302		68	0.8	14.7	57	28.9	<1
M359303		69	0.6	15.6	55	30.1	<1
M359304		71	0.8	16.2	59	29.9	<1
M359305		68	0.6	16.0	57	32.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12201434

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12202921

Project: Klaza - 115

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

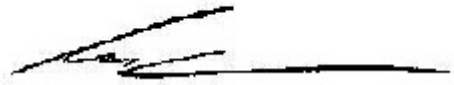
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12202921

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812894		5.89	0.014	1.03	7.08	14.6	2080	1.58	0.38	2.37	0.29	44.3	9.6	10	15.45	732
N812895		3.44	0.046	3.48	7.01	300	1490	1.53	0.47	2.67	1.78	48.3	11.7	6	17.30	948
N812896		7.80	0.007	1.04	7.21	26.0	2300	1.45	0.37	2.56	0.23	47.9	8.7	9	17.85	698
N812897		0.18	4.49	>100	5.45	6400	1150	1.20	63.9	1.98	228	34.6	10.4	17	11.30	1280
N812898		7.60	0.005	0.43	6.86	47.6	2080	1.42	0.40	2.51	0.16	45.7	9.1	8	20.1	171.0
N812899		2.85	<0.005	0.61	6.07	41.7	2390	1.36	0.23	3.25	0.26	43.1	7.6	8	17.85	134.5
N812900		4.25	0.018	2.76	6.70	107.0	1440	1.32	0.97	2.13	1.02	45.0	9.1	7	17.60	1415
N812901		5.18	0.014	0.75	7.08	38.2	2170	1.49	0.41	2.34	0.16	47.4	10.4	9	13.15	568
N812902		2.14	0.013	0.75	6.64	36.5	2030	1.32	0.34	2.20	0.15	42.7	9.7	9	12.00	571
N812903		6.11	0.010	0.49	6.76	27.9	2060	1.50	0.38	2.66	0.12	43.4	7.9	8	13.40	266
N812904		6.29	<0.005	0.16	7.36	26.8	1560	1.64	0.79	1.42	0.20	56.5	4.6	8	25.5	11.7
N812905		2.58	1.600	1.08	4.67	1375	660	1.04	0.60	4.65	15.05	35.4	4.6	5	10.45	11.8
N812906		2.83	<0.005	0.01	0.07	<5	20	0.05	0.08	20.1	0.06	1.21	1.8	<1	0.27	2.3
N812907		4.13	0.029	0.42	6.23	59.9	3010	1.24	0.68	3.56	0.33	46.7	7.6	6	18.20	7.9
N812908		4.84	0.005	0.27	6.72	25.7	1180	1.35	0.69	2.86	0.11	46.3	9.0	8	12.75	7.6
N812909		5.44	0.011	0.22	7.20	18.1	2410	1.40	0.43	1.82	0.13	47.6	18.1	9	9.29	55.7
N812910		2.62	0.005	0.15	6.71	11.9	2130	1.35	0.28	2.26	0.13	43.0	9.8	7	10.95	41.7
N812911		7.88	<0.005	0.21	7.03	11.4	2180	1.46	0.23	2.39	0.10	50.8	8.7	9	7.29	86.0
N812912		5.49	<0.005	0.11	7.09	7.7	2070	1.36	0.17	2.37	0.09	50.5	7.7	8	10.45	23.3
N812913		<0.02	<0.005	0.11	6.74	7.5	2010	1.38	0.17	2.28	0.09	44.9	7.6	9	10.30	21.4
N812914		2.66	<0.005	0.21	6.68	40.0	1370	1.10	0.14	1.65	0.33	51.2	6.6	9	16.30	14.7
N812915		8.02	<0.005	0.11	7.15	7.0	2210	1.40	0.25	2.11	0.10	49.3	7.8	8	9.74	8.7
N812916		8.21	<0.005	0.10	7.11	8.6	2160	1.33	0.15	2.43	0.12	47.6	6.9	10	8.68	17.4
N812917		8.25	<0.005	0.07	7.13	5.2	2190	1.50	0.12	2.51	0.09	51.7	7.4	11	6.17	10.4
N812918		0.18	4.46	>100	5.35	6380	1020	1.27	60.1	1.95	224	33.6	9.8	17	10.85	1275
N812919		6.64	<0.005	0.11	7.61	8.3	2190	1.33	0.15	1.98	0.16	55.4	7.2	10	15.75	13.7
N812920		5.56	0.160	0.30	7.44	42.6	1180	1.33	0.27	1.53	0.42	52.5	6.6	8	22.1	23.3
N812921		4.34	<0.005	0.18	7.01	16.9	2020	1.47	0.33	2.40	0.10	49.2	6.6	8	13.10	20.0
N812922		3.91	<0.005	0.09	7.26	7.5	2290	1.48	0.14	2.75	0.09	50.8	7.9	9	10.95	16.0
N812923		3.71	<0.005	0.13	7.31	7.4	2130	1.48	0.16	2.59	0.10	52.3	8.1	10	11.65	35.0
N812924		5.14	<0.005	0.42	7.23	12.0	1610	1.45	0.12	2.66	0.53	49.4	6.5	9	16.35	13.1
N812925		2.72	2.98	>100	4.95	5520	720	1.16	0.91	2.60	131.5	33.7	6.5	7	15.25	1880
N812926		2.78	<0.005	2.43	0.11	10	60	0.07	0.02	20.0	0.27	1.65	1.4	<1	0.31	4.8
N812927		2.09	0.006	3.30	6.83	48.2	1890	1.19	0.15	2.45	0.38	43.0	6.6	8	17.60	28.6
N812928		2.89	<0.005	0.41	6.38	12.6	2100	1.19	0.19	2.78	0.20	36.9	7.0	7	16.35	24.0
N812929		3.78	<0.005	0.65	7.09	16.0	2280	1.05	0.21	1.93	0.25	48.0	7.2	7	17.60	22.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12202921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812894		2.83	15.70	0.14	1.2	0.122	2.77	21.4	16.0	0.74	579	1.67	2.07	8.6	3.0	610
N812895		2.85	14.55	0.17	1.1	0.184	2.98	24.8	128.5	0.88	1990	1.57	0.10	7.9	2.6	580
N812896		2.85	16.35	0.11	1.2	0.138	2.92	22.7	18.3	0.71	619	1.72	1.98	8.5	3.0	580
N812897		8.15	13.90	0.19	1.0	4.39	2.29	17.4	36.2	0.64	3110	15.85	0.08	6.0	15.8	450
N812898		2.72	15.85	0.10	1.1	0.080	2.66	21.7	17.4	0.66	581	1.65	1.93	8.0	2.7	590
N812899		2.68	13.85	0.11	0.9	0.086	2.20	22.0	131.0	1.05	1150	1.79	0.02	6.8	2.5	480
N812900		2.88	15.70	0.11	1.3	0.263	2.58	21.1	190.5	0.74	876	2.51	0.07	8.4	2.6	600
N812901		2.87	16.80	0.14	1.2	0.158	3.05	22.5	20.7	0.66	795	4.12	1.12	8.6	2.9	590
N812902		2.69	15.45	0.12	1.2	0.139	2.81	19.7	18.6	0.65	752	2.70	1.11	7.8	2.6	570
N812903		2.80	16.35	0.14	1.3	0.074	2.68	20.3	21.7	0.74	603	1.55	1.40	8.6	3.0	580
N812904		2.92	17.35	0.15	1.3	0.069	3.03	27.4	54.4	0.55	1040	0.39	0.44	10.0	2.8	650
N812905		3.89	10.60	0.11	0.6	0.076	2.18	18.0	27.2	1.39	5590	2.07	0.02	5.1	2.5	370
N812906		0.45	0.37	0.13	<0.1	0.006	0.03	0.6	1.1	12.30	211	0.10	0.01	0.4	3.2	160
N812907		3.03	14.75	0.13	0.8	0.206	2.87	24.1	36.1	1.04	2160	0.50	0.02	7.3	2.2	510
N812908		3.77	14.55	0.14	1.1	0.251	2.92	23.9	50.5	1.12	1520	1.03	0.22	7.6	2.7	600
N812909		3.04	16.35	0.15	1.2	0.072	3.13	23.6	19.9	0.76	639	1.56	1.35	8.4	3.0	580
N812910		2.61	16.05	0.14	1.1	0.075	2.86	20.7	25.3	0.62	539	1.35	1.58	8.1	2.4	540
N812911		2.85	16.00	0.15	1.2	0.059	2.69	24.9	12.6	0.79	584	1.13	2.09	8.2	2.9	550
N812912		2.79	15.95	0.14	1.4	0.051	2.89	24.5	24.4	0.69	621	1.11	1.75	7.9	2.6	550
N812913		2.70	15.60	0.12	1.2	0.051	2.75	21.7	24.4	0.65	598	1.11	1.71	7.9	2.8	520
N812914		2.53	15.40	0.13	1.3	0.037	2.69	25.2	88.3	0.57	916	0.72	0.13	7.9	2.7	500
N812915		3.00	15.95	0.15	1.2	0.055	2.88	23.9	15.8	0.68	625	0.84	1.63	8.2	2.9	570
N812916		2.82	15.70	0.13	1.2	0.045	2.66	23.6	14.4	0.76	586	0.93	2.04	7.9	2.8	550
N812917		2.78	16.35	0.13	1.3	0.041	2.53	26.1	15.6	0.82	562	1.25	2.23	8.1	3.0	550
N812918		8.01	13.80	0.23	1.1	4.26	2.25	16.7	35.2	0.63	3120	15.10	0.08	5.8	15.6	440
N812919		2.97	16.80	0.12	1.4	0.040	2.67	28.3	47.8	0.62	671	0.87	1.14	8.5	2.8	610
N812920		2.78	16.70	0.12	1.3	0.050	3.07	26.3	123.0	0.60	1160	1.13	0.07	8.3	2.8	570
N812921		2.82	16.45	0.14	1.3	0.050	3.05	23.3	34.0	0.70	642	1.37	1.60	8.1	2.7	570
N812922		2.87	16.15	0.15	1.3	0.048	2.75	25.1	12.6	0.80	588	1.06	2.17	8.2	2.9	570
N812923		3.06	16.55	0.15	1.4	0.055	2.80	25.1	17.2	0.83	600	0.97	2.33	8.7	2.8	600
N812924		2.76	16.40	0.14	1.5	0.036	2.55	23.5	145.5	0.79	825	0.91	1.48	8.6	2.7	570
N812925		4.18	11.95	0.16	0.9	0.132	1.94	17.2	69.4	0.74	2700	3.79	0.02	5.4	2.8	400
N812926		0.48	0.39	0.06	<0.1	0.005	0.04	0.8	2.0	12.25	210	0.15	0.02	0.4	2.4	190
N812927		2.67	15.55	0.12	1.2	0.038	2.93	20.1	23.4	0.72	822	0.84	1.08	7.3	2.2	530
N812928		2.70	14.95	0.12	1.2	0.049	2.88	17.4	21.4	0.76	763	0.90	1.09	7.2	2.4	550
N812929		2.73	16.15	0.13	1.3	0.053	3.02	23.2	41.8	0.61	979	0.80	0.20	8.1	2.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12202921

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812894		21.1	104.0	<0.002	0.23	5.99	10.5	2	2.0	367	0.71	0.07	11.8	0.254	1.29	4.6
N812895		45.0	125.0	0.002	0.87	197.0	9.7	2	2.3	151.5	0.70	0.05	12.7	0.237	2.11	5.0
N812896		20.5	115.0	<0.002	0.25	3.17	10.9	2	2.5	373	0.66	0.05	13.4	0.266	1.46	3.9
N812897		9950	139.0	0.002	7.13	218	8.8	3	8.0	123.5	0.42	0.50	9.9	0.186	2.35	6.2
N812898		19.5	104.0	<0.002	0.16	6.00	10.4	2	2.4	350	0.63	0.09	12.5	0.256	1.37	3.9
N812899		32.9	103.5	<0.002	0.27	53.8	9.2	2	2.0	171.0	0.50	<0.05	11.2	0.214	2.22	5.7
N812900		17.4	96.3	<0.002	0.43	213	10.8	2	2.7	123.0	0.66	0.06	12.1	0.264	1.79	4.0
N812901		18.7	127.0	<0.002	0.24	37.8	11.4	2	3.0	243	0.64	0.05	13.2	0.267	1.88	4.3
N812902		16.2	115.0	<0.002	0.23	38.9	10.2	2	3.0	230	0.58	0.05	12.1	0.253	1.67	3.6
N812903		17.1	102.0	<0.002	0.07	41.3	11.6	2	2.4	295	0.63	0.05	11.5	0.270	1.47	3.5
N812904		16.1	141.5	<0.002	0.14	22.6	13.2	2	2.2	133.0	0.76	<0.05	15.3	0.294	2.20	4.8
N812905		93.7	118.5	<0.002	1.52	36.2	7.7	1	3.0	99.7	0.41	0.05	9.1	0.163	2.08	10.1
N812906		1.5	1.6	<0.002	<0.01	0.15	0.5	1	<0.2	36.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N812907		17.7	171.0	<0.002	0.56	11.90	9.8	1	2.5	105.5	0.55	0.08	12.2	0.222	2.41	8.4
N812908		9.0	169.5	<0.002	0.46	11.20	10.5	2	1.8	93.2	0.58	0.05	12.1	0.263	2.51	4.2
N812909		17.0	124.5	<0.002	0.34	6.77	11.2	3	2.3	252	0.63	0.07	14.1	0.259	1.57	4.1
N812910		14.7	108.5	<0.002	0.19	6.75	9.9	2	2.1	274	0.63	<0.05	11.9	0.242	1.44	2.4
N812911		15.9	109.5	<0.002	0.16	2.46	11.1	2	2.0	357	0.65	<0.05	12.9	0.251	1.22	4.2
N812912		17.9	111.0	<0.002	0.08	4.19	10.6	2	1.7	308	0.67	<0.05	14.6	0.249	1.40	4.6
N812913		16.8	103.5	<0.002	0.08	4.09	10.0	2	1.6	297	0.63	<0.05	12.5	0.238	1.31	3.8
N812914		14.9	109.0	<0.002	0.08	25.9	10.5	1	1.7	102.5	0.66	<0.05	13.1	0.234	1.53	5.8
N812915		15.7	113.0	<0.002	0.08	6.61	11.2	2	1.8	269	0.64	<0.05	13.1	0.255	1.26	3.7
N812916		17.8	102.5	<0.002	0.03	2.44	10.6	1	1.7	351	0.63	<0.05	13.3	0.246	1.09	4.4
N812917		16.4	102.5	<0.002	0.03	0.85	11.1	2	1.7	378	0.62	<0.05	13.7	0.248	1.01	4.6
N812918		9720	133.5	0.002	7.06	212	8.5	2	7.7	118.5	0.41	0.46	9.5	0.185	2.28	5.9
N812919		18.7	106.0	<0.002	0.03	15.45	11.8	2	1.8	242	0.71	<0.05	15.6	0.275	1.19	4.3
N812920		18.8	140.5	<0.002	0.21	27.8	12.2	1	2.0	102.5	0.63	<0.05	14.3	0.274	2.15	6.4
N812921		15.8	113.5	<0.002	0.06	6.39	10.7	2	1.9	280	0.62	<0.05	12.5	0.260	1.58	3.4
N812922		15.8	117.5	<0.002	0.04	1.98	11.2	2	1.9	351	0.61	<0.05	13.6	0.253	1.18	4.3
N812923		16.4	113.0	<0.002	0.03	2.17	11.7	2	2.0	365	0.69	<0.05	13.8	0.271	1.26	4.9
N812924		24.8	103.0	<0.002	0.07	8.51	11.2	2	1.8	304	0.76	<0.05	13.8	0.255	1.47	5.2
N812925		>10000	117.5	0.002	3.98	2350	9.9	2	4.2	135.0	0.44	<0.05	8.9	0.195	2.52	6.7
N812926		43.1	2.0	<0.002	0.01	3.83	0.4	1	<0.2	47.0	<0.05	<0.05	0.2	<0.005	0.02	0.9
N812927		48.1	127.5	<0.002	0.15	19.20	9.5	1	1.8	238	0.60	<0.05	11.5	0.240	1.77	3.6
N812928		19.2	104.5	<0.002	0.09	9.04	9.2	1	1.8	238	0.59	<0.05	10.2	0.248	1.69	3.4
N812929		25.6	119.5	<0.002	0.13	18.65	10.5	1	1.9	143.0	0.65	<0.05	13.0	0.252	1.82	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12202921

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Ag-GRA21 Ag ppm 5
N812894		69	1.7	15.8	55	31.6	2			
N812895		64	5.0	14.7	154	27.9	4			
N812896		70	9.0	15.4	53	30.5	1			
N812897		51	4.3	9.8	>10000	35.2	115		1.585	
N812898		68	1.5	14.8	53	29.4	1			
N812899		57	3.5	14.1	79	25.5	1			
N812900		70	14.0	14.5	104	33.0	3			
N812901		69	5.1	14.7	51	34.1	1			
N812902		66	4.4	13.5	51	32.1	11			
N812903		72	2.5	14.8	55	35.4	<1			
N812904		70	4.2	16.4	60	31.6	<1			
N812905		45	2.3	13.3	1000	16.5	1			
N812906		3	0.1	0.7	14	<0.5	<1			
N812907		61	3.2	16.6	50	22.8	<1			
N812908		69	3.6	13.9	56	31.5	<1			
N812909		69	3.2	14.2	51	30.7	<1			
N812910		62	3.4	12.9	48	31.4	<1			
N812911		67	1.7	16.9	42	33.3	<1			
N812912		65	1.5	15.2	43	34.4	<1			
N812913		62	1.6	14.5	42	32.1	<1			
N812914		65	2.0	15.0	54	33.1	<1			
N812915		67	1.6	15.6	46	32.0	<1			
N812916		64	1.3	16.0	47	31.0	<1			
N812917		66	1.2	16.9	43	34.5	<1			
N812918		51	4.2	9.7	>10000	33.5	112		1.610	
N812919		71	2.8	16.8	60	36.4	<1			
N812920		76	3.4	14.7	60	33.9	<1			
N812921		69	2.0	14.9	43	34.3	<1			
N812922		66	1.3	16.5	43	38.7	<1			
N812923		73	1.2	17.3	45	37.2	<1			
N812924		68	1.3	17.2	81	37.8	<1			
N812925		60	4.2	11.8	>10000	22.2	>1500	1.855	1.510	1560
N812926		3	0.1	0.9	42	0.5	3			
N812927		64	1.7	14.6	66	31.6	3			
N812928		65	2.0	13.2	50	31.0	<1			
N812929		64	3.7	14.8	62	34.7	1			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 115

CERTIFICATE OF ANALYSIS WH12202921

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203754

Project: Klaza-116

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

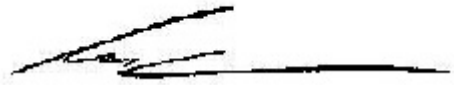
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203754

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358380		4.79	0.046	0.33	7.40	23.5	2650	1.65	1.04	2.50	1.39	50.7	8.7	10	11.10	38.4
M358381		3.06	<0.005	0.13	7.23	7.0	2260	1.49	0.30	2.59	0.33	44.0	5.2	9	10.45	5.6
M358382		3.59	0.039	0.63	7.00	38.0	2150	1.39	1.30	2.27	1.77	40.7	7.3	10	10.95	14.3
M358383		3.88	0.100	0.30	7.54	138.0	2030	1.34	0.58	3.14	0.86	46.4	5.1	7	19.95	9.6
M358384		2.36	0.052	0.39	7.56	33.5	1970	1.58	0.54	2.24	1.03	44.1	6.3	8	21.0	14.6
M358385		<0.02	0.039	0.38	7.58	32.8	1980	1.62	0.58	2.24	0.94	45.6	6.0	9	20.0	15.0
M358386		4.92	<0.005	0.15	7.40	11.7	2340	1.45	0.27	2.69	0.51	47.9	5.9	11	12.00	4.2
M358387		3.56	<0.005	0.13	7.58	7.7	2410	1.51	0.31	2.39	0.42	45.4	5.7	9	12.25	3.1
M358388		2.53	0.028	0.49	7.34	37.1	2830	1.43	0.81	2.50	2.02	43.5	5.1	8	14.95	11.3
M358389		3.23	0.635	1.08	6.88	114.5	2660	1.47	2.27	2.27	2.17	37.9	4.5	7	15.95	33.0
M358390		2.67	0.070	1.20	6.95	100.0	1470	1.61	2.66	1.99	4.23	49.7	12.0	6	22.6	37.3
M358391		0.24	4.32	>100	5.11	7000	90	1.14	56.7	1.82	212	30.8	8.7	17	11.35	1240
M358392		6.08	0.105	2.34	7.30	160.0	840	1.55	13.65	1.95	7.24	49.8	6.3	7	16.35	50.7
M358393		3.63	0.648	1.64	5.87	624	490	1.43	2.29	1.61	5.51	40.6	3.8	5	16.90	20.3
M358394		3.20	1.160	4.18	5.47	1490	190	1.17	2.18	1.90	36.6	39.1	4.2	6	12.50	59.9
M358395		3.03	<0.005	0.02	0.06	<5	10	0.06	0.03	20.1	0.11	1.04	1.2	<1	0.26	2.3
M358396		3.10	0.204	0.91	6.73	454	1250	1.63	1.29	2.60	5.20	42.4	4.3	5	15.55	20.6
M358397		5.24	0.929	3.62	6.89	1150	340	1.45	5.68	1.90	16.45	46.5	5.4	6	17.85	49.8
M358398		2.59	0.081	0.72	7.04	150.5	1720	1.73	1.51	1.90	1.72	46.5	6.8	6	16.50	18.8
M358399		0.24	2.22	24.0	5.86	2710	1590	1.40	19.55	2.23	76.2	47.0	10.7	17	15.55	450
M358400		5.89	0.053	0.34	7.69	48.3	2180	1.54	1.11	1.28	1.17	58.1	7.4	9	15.10	17.0
M358401		4.25	1.125	3.86	5.60	788	1470	1.28	7.39	3.24	21.7	43.0	4.6	4	13.95	63.7
M358402		2.57	<0.005	0.02	0.16	<5	50	0.09	0.03	20.4	0.08	1.33	1.7	<1	0.56	1.9
M358403		3.35	0.136	1.19	7.10	256	1070	1.45	2.02	2.04	9.16	52.0	9.5	7	17.55	22.7
M358404		2.46	2.56	2.31	6.35	1005	920	1.33	4.85	1.93	8.48	46.1	6.6	5	15.35	31.0
M358405		3.42	0.427	2.48	6.28	236	830	1.29	3.15	2.09	19.35	48.5	5.9	6	13.75	40.6
M358406		2.54	0.366	1.39	7.02	172.0	1590	1.59	2.01	1.61	7.53	54.7	6.4	8	17.60	23.9
M358407		2.59	0.185	0.73	7.37	210	2430	1.52	3.12	1.56	9.01	52.2	6.4	7	13.45	25.2
M358408		3.35	0.101	0.84	6.93	65.2	2070	1.37	3.23	2.09	4.33	48.6	8.2	7	10.25	24.9
M358409		4.06	0.012	0.31	7.58	17.7	2330	1.66	1.02	1.26	0.87	56.1	8.2	9	17.00	21.0
M358410		2.81	0.281	2.95	6.08	302	1170	1.50	8.90	2.39	11.20	43.7	7.2	10	9.15	96.7
M358411		2.62	0.026	0.34	6.93	26.6	2610	1.55	1.09	2.83	0.74	43.7	7.5	8	14.05	21.1
M358412		3.29	<0.005	0.37	7.21	7.5	2290	1.62	0.28	2.45	1.44	49.8	6.5	9	14.15	6.5
M358413		1.71	0.037	0.52	7.05	25.0	2230	1.61	0.89	2.41	1.80	47.6	6.9	9	14.60	18.9
M358414		4.33	0.127	0.41	7.24	126.5	2920	1.41	1.02	1.73	0.76	51.2	7.0	7	17.55	11.8
M358415		5.90	0.026	0.30	6.96	24.0	2290	1.55	0.66	2.42	0.66	48.1	6.5	8	17.55	16.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358380		2.91	15.65	0.12	1.3	0.176	2.67	25.7	14.1	0.79	450	5.21	1.78	8.6	2.9	550
M358381		3.00	15.80	0.13	1.4	0.083	2.54	21.4	14.4	0.73	524	1.56	2.06	9.0	2.6	600
M358382		3.15	15.75	0.11	1.3	0.216	2.74	19.9	50.7	0.56	535	1.49	0.13	8.9	2.7	580
M358383		3.12	16.20	0.14	1.2	0.094	2.69	24.1	55.2	1.02	1100	2.75	0.08	8.9	2.3	600
M358384		3.05	15.90	0.13	1.4	0.098	2.75	21.9	32.4	0.56	545	1.20	0.85	9.2	2.5	600
M358385		3.03	16.20	0.13	1.4	0.090	2.74	23.2	32.0	0.57	528	1.14	0.91	9.1	2.6	600
M358386		3.00	15.70	0.12	1.3	0.083	2.62	24.2	13.4	0.79	602	1.46	2.09	9.2	2.7	610
M358387		2.95	15.25	0.12	1.2	0.087	2.59	23.2	17.5	0.79	561	1.15	2.41	8.1	2.6	580
M358388		3.05	15.65	0.12	1.1	0.172	2.96	22.0	16.2	0.63	610	0.56	1.67	8.6	2.6	580
M358389		3.69	14.80	0.13	1.0	0.289	3.17	18.9	27.7	0.58	707	0.40	0.53	7.7	2.0	540
M358390		4.37	15.15	0.15	1.1	0.371	3.12	25.3	11.1	0.85	1430	2.73	0.04	7.8	2.6	510
M358391		7.62	12.05	0.17	1.0	4.52	2.14	15.6	32.5	0.59	3080	15.45	0.08	5.8	13.7	420
M358392		4.61	14.90	0.14	1.2	0.318	2.84	27.6	22.9	0.86	1490	1.49	0.03	7.9	2.4	500
M358393		3.18	12.70	0.12	1.0	0.329	2.41	22.4	25.5	0.65	1640	36.0	0.02	6.1	2.3	390
M358394		5.16	13.40	0.15	0.9	0.633	2.30	21.9	19.4	0.76	2610	61.9	0.02	6.4	2.5	390
M358395		0.44	0.18	<0.05	<0.1	<0.005	0.03	0.5	1.0	12.05	207	0.17	<0.01	0.2	2.5	150
M358396		3.17	14.60	0.14	1.2	0.397	2.92	22.1	11.1	0.95	2790	4.18	0.03	7.7	2.4	500
M358397		3.98	14.90	0.14	1.1	0.389	2.91	25.9	12.1	0.78	2420	3.75	0.03	7.4	2.4	490
M358398		3.10	15.05	0.12	1.2	0.235	2.43	24.9	42.7	0.74	793	1.73	0.04	8.1	2.9	530
M358399		6.60	14.45	0.15	1.0	1.725	2.61	25.7	26.7	0.92	1900	13.15	0.03	6.3	16.2	440
M358400		3.37	17.70	0.13	1.4	0.243	3.14	31.1	40.5	0.69	818	1.10	0.35	9.0	2.7	620
M358401		4.97	14.15	0.14	1.1	1.175	2.39	22.8	19.3	1.11	3910	15.70	0.02	6.3	2.6	430
M358402		0.48	0.51	<0.05	<0.1	0.006	0.09	0.6	2.1	12.55	220	0.09	0.01	0.4	3.2	170
M358403		3.84	16.75	0.11	1.2	0.392	3.05	27.7	17.1	0.86	2080	14.70	0.02	7.3	3.0	510
M358404		4.88	15.30	0.12	1.0	0.417	2.98	25.2	13.0	0.76	2340	7.87	0.02	6.5	2.8	460
M358405		3.98	15.05	0.12	1.0	0.436	2.75	26.1	37.5	0.83	2230	17.25	0.06	6.8	2.5	500
M358406		3.83	16.35	0.12	1.2	0.409	3.03	29.6	28.0	0.80	1450	9.77	0.04	7.6	2.7	550
M358407		3.47	17.25	0.13	1.2	0.501	3.76	27.9	30.9	0.65	1160	2.48	0.09	8.1	3.1	560
M358408		3.35	15.90	0.13	1.1	0.220	3.05	24.9	28.1	0.72	1100	2.77	0.08	7.5	2.7	540
M358409		3.69	17.10	0.16	1.3	0.154	3.12	30.6	31.5	0.71	486	2.13	0.69	8.7	2.8	570
M358410		5.66	15.80	0.16	1.3	0.466	2.88	23.1	12.1	0.63	1290	15.75	0.03	6.6	3.6	460
M358411		3.11	16.45	0.11	1.3	0.191	3.05	21.7	29.6	0.65	623	2.44	1.32	8.2	2.4	560
M358412		3.07	16.55	0.14	1.4	0.092	2.86	25.6	16.9	0.71	584	2.72	2.15	8.2	2.7	560
M358413		3.11	16.70	0.15	1.3	0.140	2.91	24.2	22.7	0.64	556	2.94	1.68	8.2	2.6	550
M358414		3.08	16.10	0.15	1.2	0.111	3.11	26.8	26.6	0.56	542	0.85	0.97	8.0	2.4	560
M358415		3.00	15.75	0.15	1.3	0.098	2.86	24.9	29.5	0.66	611	0.85	1.07	7.9	3.5	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358380		33.9	103.0	<0.002	0.70	3.90	10.4	1	1.9	329	0.65	0.15	13.7	0.240	1.18	5.2
M358381		21.4	83.5	<0.002	0.06	2.51	10.6	1	2.0	366	0.67	<0.05	11.4	0.267	0.96	3.7
M358382		75.5	94.7	<0.002	0.53	10.20	10.3	1	3.8	169.5	0.65	0.05	10.1	0.262	1.32	3.3
M358383		34.8	90.9	<0.002	0.38	13.30	10.9	1	2.3	177.0	0.64	<0.05	11.7	0.267	1.67	4.0
M358384		34.1	103.0	<0.002	0.33	8.23	10.6	1	2.5	209	0.69	<0.05	11.4	0.262	1.32	4.0
M358385		35.6	107.0	<0.002	0.30	7.72	10.9	1	2.5	217	0.67	<0.05	12.1	0.261	1.34	4.1
M358386		30.0	95.1	<0.002	0.05	2.50	11.2	1	1.9	362	0.63	<0.05	11.1	0.270	1.00	3.8
M358387		30.1	87.5	<0.002	0.04	2.83	10.5	1	1.6	390	0.65	<0.05	13.1	0.251	1.15	4.2
M358388		89.0	112.0	<0.002	0.32	4.60	10.2	1	2.1	283	0.61	<0.05	12.1	0.256	1.43	3.9
M358389		112.0	129.0	<0.002	0.76	6.72	9.9	1	3.0	177.5	0.56	0.05	11.4	0.231	1.99	4.2
M358390		118.5	158.0	<0.002	1.44	8.40	9.5	1	5.0	90.9	0.60	0.11	13.5	0.209	2.93	5.1
M358391		9160	120.0	<0.002	6.66	207	7.1	2	8.6	112.5	0.42	0.45	8.1	0.174	1.94	5.0
M358392		184.5	149.5	<0.002	2.06	11.40	9.5	1	6.5	95.4	0.61	0.07	14.0	0.220	2.91	4.0
M358393		340	130.0	<0.002	2.42	55.4	7.7	1	7.2	58.2	0.50	0.09	11.9	0.177	2.82	7.3
M358394		1160	129.5	<0.002	4.90	78.5	7.5	2	12.0	52.2	0.44	0.23	10.4	0.176	2.69	5.4
M358395		2.7	1.5	<0.002	0.01	0.12	0.3	1	<0.2	36.7	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M358396		250	127.0	<0.002	1.76	13.05	8.8	1	4.2	101.5	0.62	<0.05	12.1	0.218	3.22	5.1
M358397		456	164.5	<0.002	3.01	20.7	9.2	1	5.3	64.3	0.55	0.07	12.2	0.217	3.29	3.4
M358398		102.0	109.5	<0.002	0.79	13.65	10.0	1	3.1	133.5	0.61	<0.05	13.6	0.222	2.04	5.5
M358399		2870	157.0	<0.002	4.81	90.7	9.3	2	8.2	92.6	0.49	0.42	10.5	0.184	2.50	5.4
M358400		43.1	137.0	<0.002	0.29	8.85	12.3	1	3.0	144.0	0.71	<0.05	14.2	0.264	2.12	3.8
M358401		924	136.0	<0.002	3.96	33.3	8.9	1	7.8	76.5	0.49	0.15	9.8	0.186	3.07	4.6
M358402		2.4	3.6	<0.002	0.01	0.12	0.5	1	<0.2	37.9	<0.05	<0.05	<0.2	0.007	0.03	1.1
M358403		313	169.5	<0.002	2.31	14.25	10.6	1	3.7	75.3	0.61	0.14	12.1	0.226	3.48	3.9
M358404		234	191.0	<0.002	3.98	23.7	9.7	1	6.9	56.5	0.52	0.19	10.7	0.205	3.46	4.4
M358405		678	148.0	<0.002	2.13	40.9	10.4	2	5.3	97.7	0.54	0.18	10.4	0.214	2.58	7.3
M358406		320	150.0	0.007	1.32	18.00	11.1	1	5.8	90.2	0.63	0.06	12.2	0.235	2.73	5.1
M358407		140.5	163.5	<0.002	0.91	12.65	11.6	1	4.0	130.0	0.62	0.06	12.6	0.251	2.69	4.5
M358408		91.6	113.0	<0.002	0.77	13.20	10.3	1	2.8	122.5	0.59	0.09	10.7	0.237	2.02	5.1
M358409		41.1	129.5	<0.002	0.26	6.60	12.2	1	2.2	163.0	0.67	<0.05	13.6	0.259	1.82	3.7
M358410		453	154.5	<0.002	5.37	34.2	9.4	2	9.3	64.0	0.50	0.47	9.0	0.194	2.88	4.7
M358411		33.9	109.5	<0.002	0.44	9.13	10.7	1	2.4	271	0.65	0.07	11.1	0.247	1.84	4.9
M358412		81.2	104.0	<0.002	0.20	2.67	11.3	1	2.4	355	0.67	<0.05	12.3	0.247	1.41	3.8
M358413		73.7	110.0	<0.002	0.39	6.67	10.9	1	2.6	291	0.63	0.05	11.4	0.245	1.57	4.6
M358414		59.9	126.5	<0.002	0.37	7.29	11.1	1	2.2	193.0	0.63	<0.05	12.4	0.243	1.70	3.2
M358415		44.8	105.0	<0.002	0.18	7.12	10.7	1	2.4	227	0.64	0.05	11.8	0.242	1.61	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358380		66	1.3	15.7	137	38.2	<1	
M358381		74	0.9	15.4	55	41.5	<1	
M358382		69	3.2	12.2	154	36.3	<1	
M358383		73	5.6	15.3	97	34.8	<1	
M358384		70	1.9	13.7	101	40.9	<1	
M358385		70	1.8	14.2	96	40.9	<1	
M358386		74	1.3	16.3	68	36.6	<1	
M358387		67	1.1	13.8	69	29.4	<1	
M358388		69	2.4	13.9	162	31.2	<1	
M358389		64	2.8	12.4	181	27.3	1	
M358390		61	4.8	13.6	503	29.5	<1	
M358391		50	4.3	7.9	>10000	32.0	114	1.575
M358392		59	4.6	12.1	752	32.8	2	
M358393		49	4.3	10.0	564	26.4	2	
M358394		51	4.6	10.8	3220	26.5	4	
M358395		2	0.1	0.7	18	<0.5	<1	
M358396		58	4.2	12.3	475	30.3	<1	
M358397		59	6.2	11.6	1380	29.7	3	
M358398		60	3.4	13.6	177	34.0	<1	
M358399		56	5.3	9.9	5530	26.9	26	
M358400		70	3.0	15.6	261	35.2	<1	
M358401		52	5.9	13.3	1400	26.5	4	
M358402		4	0.1	0.8	15	<0.5	<1	
M358403		62	4.4	13.9	616	28.9	1	
M358404		57	6.0	14.1	770	24.8	2	
M358405		59	4.4	13.8	1460	24.9	2	
M358406		64	4.2	15.5	719	27.7	1	
M358407		67	4.3	15.8	637	28.8	<1	
M358408		64	3.4	16.3	542	27.5	1	
M358409		68	3.1	14.7	148	30.6	<1	
M358410		54	6.1	12.1	904	35.1	3	
M358411		66	2.8	14.8	107	31.4	1	
M358412		65	1.4	15.4	161	32.4	1	
M358413		65	2.2	14.9	184	32.3	<1	
M358414		63	3.1	14.6	94	30.2	1	
M358415		64	3.3	15.5	79	30.0	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203754

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203755

Project: Klaza-116

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

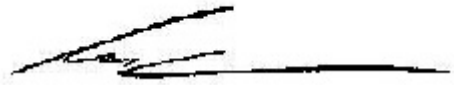
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203755

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358416		3.38	0.122	0.53	7.54	256	1640	1.38	0.95	1.46	1.09	49.2	7.0	8	22.0	12.1
M358417		2.78	2.15	8.35	4.73	1065	120	1.02	8.43	1.81	124.5	31.5	7.5	7	10.45	267
M358418		2.78	<0.005	0.04	0.09	7	30	0.05	0.04	20.5	0.28	1.63	1.0	<1	0.29	2.2
M358419		2.78	0.333	2.12	5.63	446	340	1.25	3.53	1.02	2.83	40.7	5.0	9	10.70	96.0
M358420		3.40	0.980	19.60	4.90	955	150	0.83	24.0	2.12	61.2	37.5	10.5	7	9.01	2110
M358421		2.57	<0.005	0.07	0.06	6	30	0.05	0.07	21.1	0.22	1.36	1.1	<1	0.24	6.4
M358422		2.39	0.045	0.69	7.19	85.3	1580	1.55	1.99	2.50	1.36	48.1	6.1	9	21.2	20.7
M358423		2.75	0.031	0.43	7.31	27.7	2460	1.41	1.40	2.03	1.21	45.1	6.9	9	12.75	20.1
M358424		0.22	2.39	24.0	5.68	3310	920	1.16	20.7	2.22	78.3	45.5	10.6	18	15.90	435
M358425		2.29	0.046	8.81	6.96	92.2	740	1.52	1.63	2.01	27.3	49.7	5.4	8	19.10	25.7
M358426		2.78	0.021	0.41	6.82	25.7	2300	1.32	0.97	2.09	1.76	46.1	6.4	8	13.65	10.4
M358427		2.45	0.317	2.17	6.88	247	340	1.32	2.38	1.80	9.11	50.1	15.0	8	15.00	25.1
M358428		2.45	0.062	0.42	6.98	94.3	1230	1.49	0.76	2.46	4.17	47.7	6.2	8	20.9	8.6
M358429		4.75	0.039	0.31	7.06	222	2120	1.34	0.40	1.92	0.94	46.7	5.4	9	16.05	5.0
M358430		2.36	0.095	0.52	6.71	101.0	1640	1.59	1.08	2.42	1.18	51.2	7.1	9	22.2	11.7
M358431		3.56	0.006	0.10	7.18	12.0	2330	1.30	0.27	2.18	0.14	43.5	5.6	11	16.45	3.7
M358432		1.76	0.007	0.10	7.27	12.0	2210	1.35	0.26	2.11	0.14	50.0	5.3	9	17.95	3.6
M358433		2.25	0.065	2.24	6.81	45.5	840	1.18	7.51	1.48	8.81	47.8	5.8	10	14.50	18.7
M358434		0.22	2.33	23.0	5.62	3290	550	1.11	19.30	2.22	75.9	41.8	10.3	18	15.00	435
M358435		5.96	0.013	0.26	6.98	18.9	2200	1.35	0.52	2.41	0.61	42.2	6.3	9	12.30	11.4
M358436		2.39	0.210	0.48	7.10	64.2	2730	1.42	1.15	2.98	1.47	52.1	8.1	7	24.9	12.1
M358437		2.60	0.054	0.52	7.06	256	1750	1.39	1.59	2.07	0.67	52.4	7.7	8	18.85	25.6
M358438		2.97	0.433	7.11	7.02	993	1160	1.50	21.2	2.13	19.40	69.5	7.6	11	17.90	348
M358439		2.60	<0.005	0.15	6.87	7.3	2320	1.38	0.19	2.37	0.22	44.6	7.0	10	16.35	12.7
M358440		2.86	0.178	0.67	7.18	524	2300	1.37	1.55	2.36	0.45	43.6	7.9	10	14.75	38.4
M358441		<0.02	0.179	0.67	7.17	562	2270	1.36	1.53	2.34	0.41	43.5	7.5	11	14.20	36.7
M358442		4.64	0.005	0.12	6.82	13.1	2300	1.74	0.19	2.53	0.18	44.8	7.8	9	11.40	10.8
M358443		2.26	0.123	0.25	7.80	456	2370	1.43	0.34	1.83	0.49	50.2	8.0	8	12.90	20.3
M358444		4.31	0.080	0.41	7.32	161.5	2020	1.46	0.37	2.29	1.45	46.5	6.8	11	14.00	16.0
M358445		3.14	0.059	0.60	7.88	37.1	2860	1.45	0.71	1.42	4.79	57.2	8.1	12	16.95	20.5
M358446		3.73	0.006	0.11	7.21	13.9	1020	1.82	0.20	3.08	0.20	55.1	7.3	24	16.95	13.2
M358447		3.00	0.814	3.22	7.94	2060	1380	1.36	6.56	1.54	2.34	59.8	9.9	8	13.40	162.5
M358448		2.89	0.028	0.34	8.62	85.2	2190	1.32	0.74	1.13	0.94	62.7	7.4	9	14.25	21.2
M358449		3.26	0.039	0.53	7.60	40.3	2240	1.59	0.63	2.59	2.00	45.5	6.5	10	11.90	20.5
M358450		3.08	0.008	0.20	8.00	14.3	2380	1.56	0.34	1.85	0.50	52.3	6.4	10	12.25	11.8
M358451		4.62	0.016	0.29	8.01	19.9	2780	1.32	0.51	1.18	0.92	53.1	7.5	9	9.25	8.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358416		3.08	16.60	0.09	1.4	0.113	3.08	26.0	44.4	0.56	877	1.74	0.23	9.0	2.2	590
M358417		5.96	21.1	0.12	1.0	17.95	2.17	16.5	31.7	0.73	1120	109.5	0.03	5.3	3.4	280
M358418		0.50	0.28	<0.05	<0.1	0.029	0.04	0.8	1.2	12.55	224	0.43	<0.01	0.4	1.8	170
M358419		4.73	13.35	0.12	1.0	0.337	2.70	23.1	30.5	0.49	1160	17.15	0.03	6.3	2.6	350
M358420		7.54	12.15	0.15	0.9	4.24	2.30	19.9	19.8	0.94	1400	22.5	0.03	5.0	2.2	330
M358421		0.49	0.20	<0.05	<0.1	0.016	0.03	0.7	1.0	12.70	210	0.23	<0.01	0.3	2.1	180
M358422		3.25	16.80	0.10	1.5	0.316	3.25	25.2	23.3	0.91	941	1.21	0.31	8.7	2.4	580
M358423		2.94	17.45	0.10	1.5	0.292	3.49	22.8	29.7	0.54	420	1.11	1.03	9.3	2.3	590
M358424		6.78	13.60	0.14	1.1	1.770	2.63	25.1	23.9	0.90	1900	13.90	0.04	6.6	14.1	430
M358425		4.37	17.20	0.12	1.4	0.497	3.12	26.3	24.2	0.76	852	0.81	0.09	8.5	2.5	530
M358426		3.20	15.25	0.11	1.3	0.286	2.97	24.5	21.6	0.78	850	0.52	0.85	8.1	2.5	530
M358427		5.35	15.20	0.12	1.3	0.448	3.07	26.8	24.0	0.78	1180	1.54	0.05	7.6	2.5	510
M358428		3.20	15.50	0.10	1.4	0.209	3.23	25.1	16.9	0.91	1120	0.63	0.06	8.4	2.4	540
M358429		2.98	16.50	0.10	1.5	0.087	2.89	23.9	33.6	0.60	675	0.81	0.89	9.1	2.3	570
M358430		3.46	14.80	0.11	1.3	0.145	2.41	29.1	50.9	0.87	850	1.58	0.26	7.6	2.5	520
M358431		2.87	16.60	0.10	1.6	0.083	2.82	21.7	27.5	0.52	553	0.68	1.82	9.3	2.2	580
M358432		2.75	16.40	0.10	1.5	0.072	2.82	26.5	26.6	0.50	547	0.65	1.71	8.8	2.2	560
M358433		3.27	15.15	0.10	1.4	0.310	2.14	26.3	79.6	0.59	815	0.62	0.10	8.0	2.1	540
M358434		6.66	13.50	0.14	1.0	1.685	2.61	22.9	23.7	0.88	1890	13.00	0.04	6.4	14.0	420
M358435		2.93	16.25	0.09	1.6	0.085	2.77	20.7	22.6	0.58	673	1.03	1.77	9.2	2.3	590
M358436		3.15	15.50	0.11	1.6	0.135	2.86	29.5	27.8	1.04	1580	2.70	0.09	8.4	2.7	560
M358437		3.95	16.05	0.11	1.5	0.138	2.88	26.8	16.8	0.77	817	1.76	0.97	9.2	2.4	630
M358438		3.92	16.45	0.13	1.4	1.175	3.03	38.5	12.5	0.54	569	1.77	1.40	8.6	2.5	530
M358439		2.76	16.15	0.10	1.4	0.050	2.85	22.2	16.3	0.66	687	1.53	2.38	8.6	2.4	540
M358440		3.09	16.75	0.10	1.4	0.122	2.98	22.1	15.0	0.61	623	1.55	2.05	8.9	2.5	600
M358441		3.05	15.95	0.10	1.3	0.117	2.94	22.3	14.7	0.60	618	1.46	2.02	8.4	2.4	580
M358442		2.82	16.10	0.16	1.3	0.054	2.75	21.5	17.7	0.71	689	1.50	2.29	8.9	2.5	580
M358443		2.90	17.45	0.14	1.4	0.064	3.03	26.6	22.4	0.56	638	1.28	1.56	7.9	2.9	590
M358444		2.89	17.00	0.16	1.4	0.133	2.80	23.1	19.3	0.64	650	1.29	1.95	8.1	2.6	590
M358445		3.24	18.30	0.17	1.8	0.451	2.98	30.9	47.0	0.62	731	1.41	0.26	8.4	5.1	690
M358446		2.48	19.45	0.17	4.0	0.030	2.63	28.6	60.6	1.01	672	1.00	0.05	10.2	10.9	870
M358447		4.15	18.60	0.20	1.4	0.305	3.31	31.6	28.6	0.73	761	1.32	0.11	7.8	3.9	600
M358448		3.53	19.30	0.17	1.5	0.096	3.15	34.0	30.3	0.56	503	1.36	0.61	8.8	2.5	650
M358449		3.22	17.40	0.17	1.4	0.178	3.01	23.8	12.8	0.62	599	1.40	1.90	7.6	2.6	590
M358450		3.01	17.80	0.17	1.3	0.108	3.08	28.2	16.2	0.37	629	1.01	1.39	7.8	2.7	600
M358451		3.12	17.40	0.16	1.3	0.116	3.19	29.0	19.1	0.38	687	1.06	0.85	7.9	2.7	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358416		76.4	129.5	<0.002	0.80	17.30	9.9	1	3.1	132.0	0.73	<0.05	12.6	0.254	2.23	3.6
M358417		1580	132.0	0.003	6.11	173.5	6.6	2	20.2	55.8	0.45	0.17	8.0	0.152	2.38	12.3
M358418		4.5	1.9	<0.002	0.01	0.43	0.2	1	0.2	49.1	<0.05	<0.05	0.2	<0.005	0.02	0.5
M358419		123.0	148.0	<0.002	4.15	75.2	7.8	1	5.8	28.1	0.51	0.07	9.9	0.192	3.00	8.7
M358420		896	134.0	<0.002	8.04	571	6.0	5	14.9	43.2	0.39	1.01	7.8	0.153	2.34	4.0
M358421		3.4	1.9	<0.002	0.01	1.74	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M358422		57.3	134.0	<0.002	1.06	11.10	10.2	1	3.6	134.0	0.74	0.05	12.7	0.257	2.81	4.2
M358423		56.6	130.0	<0.002	0.70	6.15	9.3	1	3.7	230	0.76	0.09	11.6	0.251	2.14	3.8
M358424		2810	160.5	0.002	4.89	94.5	7.4	1	8.3	93.8	0.50	0.39	10.9	0.178	2.40	5.4
M358425		1960	129.0	<0.002	2.29	11.40	9.5	1	8.3	121.0	0.69	0.12	12.7	0.236	2.72	5.6
M358426		68.3	127.0	<0.002	0.55	8.74	9.4	1	3.0	179.5	0.68	<0.05	12.3	0.228	1.88	4.2
M358427		719	174.5	<0.002	4.34	15.45	9.2	1	10.2	70.3	0.65	0.18	12.4	0.216	2.97	4.5
M358428		94.3	135.5	<0.002	1.67	10.25	9.4	1	2.7	89.4	0.69	<0.05	12.1	0.234	3.67	4.8
M358429		78.1	108.5	<0.002	0.40	14.00	10.4	1	2.2	207	0.73	<0.05	12.0	0.258	2.00	3.2
M358430		79.2	129.0	<0.002	1.28	15.95	9.6	1	2.5	107.5	0.63	<0.05	12.2	0.220	2.42	4.8
M358431		18.0	99.0	<0.002	0.08	7.95	9.6	1	1.7	294	0.76	<0.05	11.0	0.251	1.36	3.1
M358432		17.7	111.5	<0.002	0.08	8.15	9.6	1	1.7	285	0.73	<0.05	12.9	0.248	1.35	3.2
M358433		160.5	95.5	<0.002	1.07	21.9	9.2	1	3.5	155.0	0.67	0.05	11.6	0.233	1.52	4.8
M358434		2760	153.0	<0.002	4.81	91.2	7.3	1	8.0	89.9	0.48	0.38	10.0	0.179	2.28	5.1
M358435		29.0	91.7	<0.002	0.11	7.44	9.2	1	1.8	294	0.79	<0.05	10.4	0.252	1.28	3.7
M358436		41.0	125.5	<0.002	0.91	14.40	9.8	1	2.3	119.0	0.70	0.13	13.4	0.241	2.38	8.2
M358437		37.6	118.5	<0.002	1.08	8.42	10.4	1	3.4	192.0	0.71	0.06	11.5	0.271	2.10	4.8
M358438		445	138.0	<0.002	1.99	25.2	9.3	1	4.2	235	0.70	0.13	13.1	0.229	1.78	4.4
M358439		18.8	102.5	<0.002	0.01	2.31	8.9	1	1.8	356	0.70	<0.05	11.2	0.241	1.12	3.5
M358440		41.4	112.0	<0.002	0.37	7.38	9.6	1	2.3	326	0.67	<0.05	11.1	0.262	1.26	3.1
M358441		39.2	110.0	<0.002	0.35	7.15	9.4	1	2.2	323	0.62	<0.05	11.4	0.261	1.21	3.1
M358442		19.2	100.0	<0.002	0.04	2.55	10.3	1	1.6	352	0.71	<0.05	12.1	0.260	1.09	3.4
M358443		34.2	119.5	<0.002	0.15	12.80	10.5	1	1.8	254	0.71	<0.05	14.6	0.248	1.19	2.9
M358444		74.2	109.0	<0.002	0.23	5.18	10.6	1	2.2	325	0.67	<0.05	12.2	0.248	1.12	2.7
M358445		77.4	128.0	<0.002	0.50	21.0	11.2	1	2.8	160.0	0.67	<0.05	13.9	0.259	1.41	4.1
M358446		12.6	89.5	<0.002	0.10	21.3	7.8	1	1.3	265	0.74	<0.05	8.7	0.266	1.40	3.9
M358447		131.5	157.0	<0.002	1.57	27.8	11.3	1	4.5	129.5	0.63	0.11	14.4	0.239	1.81	3.8
M358448		38.4	136.5	<0.002	0.65	9.37	11.9	1	2.0	152.0	0.75	<0.05	17.2	0.274	1.28	3.6
M358449		68.9	116.5	<0.002	0.63	4.83	10.3	1	2.9	350	0.62	<0.05	12.6	0.241	1.26	3.4
M358450		23.8	121.0	<0.002	0.10	12.85	11.2	1	1.8	243	0.62	<0.05	13.7	0.254	1.13	2.2
M358451		40.9	127.0	<0.002	0.31	15.15	10.7	1	2.2	160.5	0.65	0.07	15.1	0.253	1.31	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203755

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358416		71	3.9	15.2	120	35.4	1
M358417		48	6.5	14.6	7460	24.3	8
M358418		3	0.1	1.0	26	0.9	<1
M358419		56	8.7	12.8	249	26.6	2
M358420		51	6.1	10.7	4480	24.0	20
M358421		3	0.1	0.9	22	<0.5	<1
M358422		70	4.9	16.0	184	38.1	1
M358423		68	2.2	14.2	138	42.3	<1
M358424		58	5.4	10.4	5480	29.4	24
M358425		66	3.1	15.3	1950	37.0	9
M358426		62	2.0	15.0	182	35.9	1
M358427		62	4.0	15.0	1200	32.7	2
M358428		65	5.4	15.6	327	37.5	<1
M358429		72	3.1	16.2	143	39.2	<1
M358430		62	3.6	15.5	194	34.5	<1
M358431		68	2.1	15.5	49	41.3	<1
M358432		67	2.2	16.4	49	41.3	<1
M358433		62	5.5	14.5	676	37.1	2
M358434		58	5.2	10.1	5380	27.3	26
M358435		68	2.6	15.3	95	42.7	<1
M358436		67	5.3	17.9	191	41.8	1
M358437		78	5.2	16.5	96	39.1	1
M358438		61	5.3	15.9	832	39.5	7
M358439		64	3.3	15.8	54	39.1	<1
M358440		73	4.5	15.0	64	38.5	1
M358441		70	4.7	14.7	63	36.7	1
M358442		70	2.9	16.1	54	38.4	<1
M358443		67	3.0	16.9	68	40.3	<1
M358444		69	2.9	16.6	151	40.8	1
M358445		73	3.6	17.5	334	56.4	1
M358446		70	2.5	15.3	70	157.0	<1
M358447		71	3.9	18.8	188	43.7	3
M358448		72	4.5	18.4	104	43.8	<1
M358449		67	2.0	16.9	183	39.4	1
M358450		71	2.7	18.5	79	37.5	<1
M358451		70	4.3	18.3	125	38.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203755

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203756

Project: Klaza-116

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

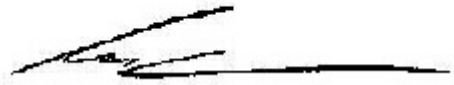
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203756

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358452		2.40	<0.005	0.13	6.92	5.7	2140	1.55	0.19	2.08	0.30	43.0	5.7	9	10.20	4.2
M358453		3.28	<0.005	0.20	7.12	9.1	2210	1.35	0.34	1.21	0.39	51.6	6.6	8	9.71	5.8
M358454		2.75	0.068	0.56	7.45	24.3	1940	1.38	1.25	0.78	1.29	57.3	9.1	8	10.90	11.5
M358455		4.75	0.089	0.23	8.06	20.5	2310	1.31	0.69	0.67	0.31	57.2	6.1	9	10.55	14.3
M358456		6.88	0.097	0.37	7.61	67.5	2240	1.21	1.02	0.99	0.43	55.8	9.5	8	9.69	18.3
M358457		<0.02	0.100	0.40	7.64	71.9	2290	1.24	0.96	1.01	0.42	56.7	9.1	9	9.81	19.4
M358458		2.56	0.978	12.90	6.76	228	320	1.38	65.6	1.97	5.31	50.6	16.4	7	11.75	283
M358459		3.63	0.027	0.42	6.95	30.0	1440	1.89	0.81	3.08	0.47	58.1	8.5	21	16.75	16.2
M358460		2.34	0.451	0.92	7.38	80.4	1570	1.76	2.78	1.98	1.81	47.8	8.3	9	13.70	38.4
M358461		4.29	0.031	0.17	7.07	19.9	1930	1.85	0.72	2.37	0.23	42.4	6.2	10	13.95	5.9
M358462		3.73	0.032	0.31	7.06	22.2	1830	1.74	0.85	2.44	0.90	47.6	5.7	14	11.80	6.9
M358463		1.98	0.020	0.28	7.24	20.1	2170	1.63	1.08	2.23	0.57	43.6	5.6	8	9.40	8.0
M358464		0.89	0.005	0.17	6.99	13.1	2150	1.68	0.50	2.33	0.35	44.7	5.1	9	8.51	6.2
M358465		2.85	0.364	1.64	6.46	254	1710	1.48	4.46	3.07	1.42	49.7	6.6	8	9.77	34.9
M358466		3.39	0.023	0.39	7.28	21.1	1730	1.65	1.36	2.01	0.66	46.3	6.1	9	8.72	11.1
M358467		6.58	0.300	0.47	6.94	383	1820	1.65	1.22	2.36	0.55	40.0	7.0	10	8.43	11.4
M358468		2.71	0.342	0.98	6.93	682	1880	1.63	2.06	2.64	0.85	44.9	7.0	9	9.45	16.6
M358469		5.82	0.013	0.27	7.34	55.2	2240	1.79	0.64	2.56	1.35	43.5	6.6	10	11.35	9.5
M358470		3.21	0.011	0.24	7.08	18.2	2200	1.60	0.76	2.65	0.40	40.0	6.2	9	9.66	8.9
M358471		2.76	0.041	0.37	7.26	27.8	2030	1.64	1.45	2.15	0.51	41.5	8.3	9	9.21	9.9
M358472		5.82	0.027	0.33	7.34	11.4	2360	1.88	1.55	2.36	0.39	43.5	5.5	11	11.55	16.3
M358473		2.31	0.078	0.90	7.99	25.6	2040	1.50	3.75	1.52	0.84	60.5	8.3	9	11.95	79.1
M358474		3.19	0.465	0.42	7.95	12.4	2380	1.23	4.47	0.70	0.51	60.1	6.7	9	10.80	25.2
M358475		0.22	4.28	>100	5.29	8150	310	1.17	61.8	1.95	226	32.6	9.4	18	11.15	1310
M358476		2.63	0.240	1.38	6.87	79.5	680	1.54	6.33	1.71	1.57	57.9	13.0	7	11.50	52.0
M358477		2.17	0.164	1.64	6.97	137.5	550	1.43	6.23	0.93	1.63	69.7	11.7	9	7.38	70.3
M358478		2.39	3.81	6.60	5.12	416	1000	1.08	27.2	1.13	0.77	42.2	14.3	7	6.03	143.0
M358479		2.81	<0.005	0.01	0.07	<5	20	0.06	0.05	20.7	0.06	1.29	1.5	<1	0.19	2.0
M358480		4.40	0.138	1.09	6.89	108.0	880	1.43	4.03	1.79	1.48	47.9	7.0	8	14.05	27.6
M358481		2.72	0.628	10.90	5.77	699	320	1.43	7.93	1.11	18.95	40.7	4.9	7	11.05	1730
M358482		3.28	<0.005	0.02	0.07	<5	20	0.06	0.05	20.6	0.07	1.11	1.5	<1	0.30	3.1
M358483		3.98	0.273	2.13	7.04	157.5	970	1.54	6.31	1.98	3.91	52.9	5.9	7	16.05	82.4
M358484		2.57	0.036	0.74	7.09	39.1	1800	1.60	3.26	2.18	0.84	47.9	4.6	8	13.95	29.8
M358485		0.22	0.782	9.47	6.52	1770	930	1.49	6.62	1.90	41.1	43.7	16.5	19	16.20	112.0
M358486		5.14	0.035	0.55	7.19	21.2	2220	1.60	1.33	2.33	1.76	46.1	6.7	10	9.74	25.8
M358487		3.00	0.487	3.38	6.85	466	1740	1.53	31.5	2.15	1.11	48.9	5.3	9	16.05	148.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358452		2.75	16.90	0.10	1.3	0.051	2.61	20.6	15.7	0.48	517	0.81	1.98	8.1	2.4	560
M358453		3.17	15.85	0.10	1.4	0.071	2.52	26.2	20.3	0.49	592	0.71	1.23	8.2	2.0	590
M358454		2.97	17.20	0.14	1.3	0.172	2.50	30.7	39.4	0.43	758	2.13	0.09	8.3	2.4	590
M358455		3.07	18.60	0.15	1.6	0.078	3.06	30.5	31.9	0.37	546	1.04	0.16	9.1	2.0	630
M358456		3.09	17.25	0.17	1.3	0.148	2.64	29.8	41.3	0.39	537	0.83	0.36	8.3	2.3	620
M358457		3.09	17.30	0.15	1.3	0.149	2.65	30.2	41.9	0.39	537	0.97	0.34	8.2	2.2	610
M358458		4.99	16.85	0.18	1.2	0.629	2.88	26.1	17.7	0.68	1100	1.90	0.07	7.0	3.8	540
M358459		2.74	18.20	0.17	3.7	0.071	2.93	29.5	24.0	1.15	827	2.38	0.11	10.5	10.0	810
M358460		3.67	17.10	0.16	1.3	0.233	3.07	24.5	18.8	0.69	939	0.80	0.84	8.2	2.9	650
M358461		2.68	16.40	0.15	1.4	0.140	2.74	21.1	18.5	0.55	499	1.45	2.16	8.2	2.1	540
M358462		3.14	16.75	0.14	1.4	0.116	2.69	23.2	17.9	0.69	801	3.46	1.81	8.6	2.2	590
M358463		2.86	16.90	0.12	1.3	0.190	2.81	21.2	34.7	0.69	600	7.72	1.40	8.4	2.0	600
M358464		2.90	16.20	0.14	1.4	0.112	2.72	21.9	19.5	0.59	577	3.21	2.12	8.4	2.1	570
M358465		3.34	15.60	0.16	0.9	0.292	2.80	25.6	18.2	0.66	764	3.28	0.09	6.4	2.1	530
M358466		3.03	16.75	0.17	1.1	0.155	2.37	23.5	21.9	0.69	522	3.07	1.91	7.7	2.1	580
M358467		3.28	16.30	0.13	1.1	0.123	2.42	19.6	17.5	0.76	541	1.61	2.19	8.4	2.4	570
M358468		3.22	16.60	0.16	1.1	0.123	2.60	21.9	18.4	0.69	822	1.67	1.84	8.1	2.3	560
M358469		3.06	16.65	0.15	1.2	0.100	2.54	21.2	20.4	0.78	627	1.02	2.61	8.4	2.4	610
M358470		2.96	16.40	0.15	1.1	0.131	2.62	19.1	17.5	0.68	666	1.21	2.13	8.2	2.3	580
M358471		3.07	16.40	0.15	1.1	0.264	2.54	20.5	19.5	0.67	575	0.97	1.97	8.0	2.4	570
M358472		3.04	16.60	0.14	1.1	0.109	2.60	21.7	19.6	0.77	540	1.17	2.53	8.1	2.3	600
M358473		3.61	18.10	0.17	1.3	0.278	2.87	31.7	22.9	0.61	502	0.93	0.92	8.8	2.1	630
M358474		3.01	17.25	0.14	1.3	0.139	2.84	32.4	30.7	0.34	554	1.80	0.12	8.8	2.2	630
M358475		8.20	12.90	0.20	1.1	4.47	2.25	16.3	32.6	0.64	3110	16.00	0.09	5.5	13.2	450
M358476		5.11	17.55	0.19	1.1	0.605	3.12	32.6	15.9	0.86	849	3.13	0.06	7.5	2.3	530
M358477		5.39	17.40	0.19	1.0	0.368	3.36	39.6	8.2	0.72	1300	100.5	0.05	6.6	2.1	510
M358478		9.15	14.20	0.25	0.8	0.286	2.35	22.2	15.3	0.54	1930	26.9	0.04	4.7	2.2	330
M358479		0.50	0.32	0.08	<0.1	0.005	0.04	0.6	1.1	12.40	219	0.10	<0.01	0.3	1.9	190
M358480		3.56	16.25	0.13	1.1	0.364	3.09	25.9	13.5	0.80	1820	10.15	0.04	7.2	2.1	520
M358481		6.64	15.40	0.18	0.9	1.510	2.60	22.1	18.1	0.56	2200	50.4	0.02	6.3	2.7	420
M358482		0.50	0.32	0.08	<0.1	0.005	0.03	0.5	1.1	12.35	218	0.28	<0.01	0.3	2.1	160
M358483		4.85	17.95	0.16	1.1	0.294	3.04	28.7	10.4	1.03	1760	3.07	0.04	7.9	2.1	550
M358484		3.46	16.40	0.13	1.2	0.289	3.30	24.4	17.3	0.80	1060	0.96	0.46	8.0	2.0	550
M358485		5.40	15.25	0.15	1.4	0.907	2.85	22.9	24.8	0.71	1990	13.25	0.28	7.8	14.4	490
M358486		3.19	15.35	0.12	1.2	0.195	3.25	23.4	15.8	0.80	550	0.79	1.90	8.5	2.4	590
M358487		3.43	15.10	0.12	1.1	0.236	3.32	25.5	23.8	0.72	819	1.22	0.72	7.5	2.3	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358452		19.1	95.3	<0.002	0.04	4.37	9.0	1	1.5	290	0.69	<0.05	11.5	0.250	1.05	3.7
M358453		27.1	105.0	<0.002	0.11	10.55	10.7	1	1.9	195.0	0.72	0.05	14.1	0.262	1.11	3.4
M358454		96.9	117.0	<0.002	0.53	31.2	11.5	1	2.8	78.3	0.69	0.15	15.9	0.260	1.30	4.1
M358455		24.2	133.5	<0.002	0.13	15.95	11.9	1	1.9	87.3	0.77	<0.05	17.6	0.273	1.32	3.0
M358456		34.8	119.5	<0.002	0.59	24.3	11.4	1	2.2	130.0	0.65	0.07	14.6	0.260	1.27	4.9
M358457		33.2	120.0	<0.002	0.63	24.9	10.8	1	2.3	130.0	0.66	0.08	14.6	0.260	1.30	4.8
M358458		203	141.0	<0.002	3.42	45.1	9.8	2	5.6	106.5	0.56	0.48	11.3	0.219	2.12	5.1
M358459		36.7	117.5	<0.002	0.31	16.90	8.3	1	1.8	197.5	0.76	0.10	10.6	0.275	1.87	6.4
M358460		107.5	148.5	<0.002	1.36	13.45	11.1	1	3.0	204	0.69	0.07	14.0	0.250	2.06	4.6
M358461		19.8	106.0	<0.002	0.25	3.66	9.7	1	1.9	326	0.72	<0.05	12.7	0.237	1.34	3.9
M358462		35.8	102.0	<0.002	0.35	4.68	10.7	1	2.0	289	0.74	0.06	12.8	0.257	1.44	4.4
M358463		28.1	99.0	0.002	0.28	4.98	11.1	1	2.1	277	0.72	0.07	12.8	0.254	1.36	3.5
M358464		22.1	93.9	<0.002	0.15	3.97	10.3	1	1.6	332	0.74	<0.05	12.5	0.254	1.25	4.3
M358465		78.4	140.5	<0.002	1.43	10.25	9.6	2	4.1	152.5	0.50	0.22	11.0	0.210	2.08	5.2
M358466		31.2	96.7	0.002	0.52	4.20	11.0	1	1.8	300	0.61	0.06	12.1	0.244	1.19	4.3
M358467		42.5	90.3	<0.002	0.69	3.65	10.7	1	2.2	303	0.66	0.06	11.8	0.253	1.21	3.5
M358468		88.5	97.7	<0.002	0.77	4.63	10.4	1	2.6	285	0.65	0.08	11.3	0.246	1.30	4.0
M358469		28.9	85.3	<0.002	0.16	2.04	11.0	1	1.7	417	0.66	0.05	11.3	0.265	1.06	4.0
M358470		24.0	91.1	<0.002	0.23	2.36	10.2	1	1.6	346	0.62	0.07	10.3	0.253	1.18	3.8
M358471		30.8	104.0	<0.002	0.66	3.59	10.4	1	1.9	286	0.64	0.10	11.4	0.248	1.40	4.0
M358472		24.6	87.7	<0.002	0.18	3.81	11.0	1	1.5	395	0.63	0.06	11.5	0.265	1.04	3.3
M358473		42.2	118.5	<0.002	0.86	12.75	11.6	2	3.0	162.5	0.71	0.49	14.5	0.271	1.45	3.7
M358474		29.1	116.5	<0.002	0.37	30.0	11.9	1	2.2	88.1	0.73	0.10	16.0	0.272	1.37	3.3
M358475		9630	131.0	0.002	7.06	218	7.2	3	8.2	117.0	0.45	0.49	8.9	0.182	2.11	5.5
M358476		46.7	176.5	<0.002	3.11	21.5	11.1	2	8.3	85.8	0.60	0.52	13.4	0.227	2.42	5.8
M358477		84.3	197.5	0.009	3.90	20.7	10.6	2	8.1	34.0	0.56	0.50	13.0	0.207	2.77	6.4
M358478		216	119.5	0.004	9.53	48.6	7.8	2	6.1	38.0	0.39	1.11	9.4	0.148	1.92	6.9
M358479		1.5	2.0	<0.002	0.01	0.11	0.3	1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358480		75.0	175.0	<0.002	2.22	22.9	9.9	1	3.6	85.7	0.60	0.16	13.7	0.226	3.05	6.8
M358481		440	148.5	<0.002	5.76	332	8.9	1	9.5	73.2	0.50	0.11	11.4	0.189	3.10	7.0
M358482		1.5	2.4	<0.002	0.01	0.38	0.5	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358483		171.5	174.0	<0.002	2.22	12.45	10.6	1	6.1	106.5	0.63	0.18	14.1	0.231	2.98	5.1
M358484		43.3	140.0	<0.002	0.76	5.17	10.5	1	4.3	153.5	0.70	0.10	13.2	0.243	2.40	4.7
M358485		1335	161.5	0.002	3.09	34.4	8.5	2	5.9	148.5	0.64	0.28	12.1	0.209	2.49	5.5
M358486		51.4	114.5	<0.002	0.42	2.62	10.0	1	3.6	315	0.68	0.05	12.0	0.262	1.62	4.2
M358487		59.7	130.5	<0.002	1.11	7.51	9.3	1	3.7	195.5	0.64	0.10	12.3	0.230	2.29	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358452		67	1.4	15.4	62	39.0	<1	
M358453		77	3.4	16.8	93	39.8	<1	
M358454		70	5.1	17.0	174	38.3	<1	
M358455		73	4.9	18.2	61	45.3	<1	
M358456		70	4.5	17.9	72	39.0	<1	
M358457		70	4.4	17.7	71	38.1	<1	
M358458		64	5.7	14.2	446	36.7	12	
M358459		70	3.0	15.1	81	144.0	<1	
M358460		68	3.4	14.9	178	39.5	<1	
M358461		63	1.4	14.3	56	40.2	<1	
M358462		72	2.3	15.2	109	39.2	<1	
M358463		70	1.7	14.4	87	38.3	<1	
M358464		68	1.5	14.6	68	38.2	<1	
M358465		59	7.3	15.7	155	26.8	1	
M358466		70	6.3	15.2	92	30.2	<1	
M358467		69	2.0	15.5	77	31.7	<1	
M358468		67	2.5	14.9	113	31.7	<1	
M358469		71	1.6	15.7	138	33.6	<1	
M358470		68	1.7	14.7	74	32.1	<1	
M358471		67	2.2	14.6	79	32.3	<1	
M358472		73	1.1	15.8	73	30.2	<1	
M358473		75	1.9	17.3	108	34.5	<1	
M358474		73	4.0	17.6	72	35.3	<1	
M358475		54	4.5	8.9	>10000	32.4	117	1.580
M358476		70	3.3	14.3	178	29.2	<1	
M358477		67	7.4	11.2	181	27.2	1	
M358478		50	5.1	9.8	78	21.1	6	
M358479		3	<0.1	0.9	17	<0.5	<1	
M358480		68	5.3	13.3	159	29.7	<1	
M358481		57	9.4	10.2	1540	26.7	10	
M358482		3	<0.1	0.8	14	<0.5	<1	
M358483		64	6.1	13.8	359	32.6	1	
M358484		67	2.9	15.0	110	33.0	<1	
M358485		59	5.1	11.6	2980	42.2	9	
M358486		70	1.4	14.8	168	30.8	<1	
M358487		63	3.0	14.2	115	29.5	3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12203756

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203757

Project: Klaza-118A

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

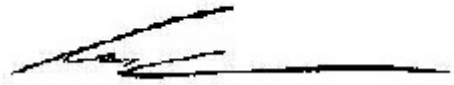
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-118A

CERTIFICATE OF ANALYSIS WH12203757

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354158		5.32	<0.005	0.32	6.96	40.4	1820	1.47	0.26	2.82	0.79	41.8	6.6	9	20.6	9.7
M354159		2.26	<0.005	0.24	7.16	26.3	1670	1.41	0.13	3.00	0.13	42.0	9.1	8	24.7	6.5
M354160		2.31	0.006	0.47	6.30	53.3	3450	1.09	0.16	5.07	0.20	38.7	7.1	8	19.25	6.4
M354161		2.57	<0.005	0.62	5.56	59.3	2400	1.20	0.18	3.64	0.14	28.3	7.1	6	20.2	15.9
M354162		2.52	<0.005	0.49	5.64	97.7	1960	1.27	0.17	3.77	0.21	32.2	6.5	5	18.35	7.4
M354163		3.81	<0.005	0.26	8.33	24.8	2200	1.45	0.13	0.67	0.23	59.7	6.3	9	14.00	5.2
M354164		0.25	2.27	26.1	5.89	3090	1350	1.38	20.4	2.20	81.8	46.1	10.6	18	14.10	449
M354165		2.48	<0.005	0.17	7.71	11.4	2370	1.41	0.15	1.08	0.43	61.8	8.0	8	11.05	6.6
M354166		5.85	<0.005	0.10	7.39	11.1	2010	1.73	0.16	2.37	0.14	51.7	7.3	8	14.55	12.5
M354167		3.04	<0.005	0.08	7.41	13.7	1940	1.55	0.40	3.15	0.15	43.5	8.7	23	14.55	8.1
M354168		4.87	<0.005	0.13	8.13	26.3	2260	1.53	0.86	5.43	0.24	46.8	16.9	85	15.00	2.9
M354169		4.76	<0.005	1.66	8.08	82.1	1980	1.79	1.15	3.09	4.34	43.6	11.9	95	33.6	44.2
M354170		4.38	0.019	2.52	7.96	106.5	1630	1.77	1.56	3.44	1.88	53.7	14.5	61	39.1	99.2
M354171		3.02	<0.005	0.04	0.13	<5	30	0.12	0.10	22.8	0.07	1.33	0.8	<1	1.84	1.9
M354172		5.84	<0.005	0.14	7.42	21.9	2150	1.44	0.20	2.47	0.13	44.6	7.5	11	12.10	16.9
M354173		3.35	0.007	0.61	7.58	112.5	2190	1.50	0.23	3.08	1.24	43.7	8.9	11	11.50	15.1
M354174		3.93	<0.005	0.27	7.59	8.1	2090	1.61	0.29	2.49	0.14	47.2	7.7	10	11.65	15.9
M354175		2.78	<0.005	0.07	7.41	10.3	2150	1.55	0.15	2.62	0.16	47.6	7.7	10	8.96	8.9
M354176		1.28	<0.005	0.05	7.37	4.9	2140	1.48	0.11	2.54	0.11	51.5	6.7	10	8.67	11.9
M354177		5.81	<0.005	0.06	7.61	5.7	2090	1.57	0.13	2.87	0.12	45.6	7.8	12	10.35	10.4
M354178		<0.02	<0.005	0.10	7.61	6.7	2120	1.59	0.14	2.86	0.13	45.8	8.0	11	10.95	11.5
M354179		6.86	<0.005	0.07	7.35	4.8	2100	1.53	0.13	2.62	0.09	46.6	7.5	10	7.20	8.6
M354180		6.83	<0.005	0.09	7.29	4.5	2080	1.52	0.14	2.72	0.08	39.2	8.1	11	6.92	7.4
M354181		0.22	0.752	9.69	6.75	1815	1040	1.54	7.18	1.98	44.1	47.7	16.7	20	16.55	112.5
M354182		7.19	<0.005	0.07	7.28	3.8	2120	1.78	0.13	2.65	0.10	46.5	7.7	11	7.69	5.5
M354183		9.27	<0.005	0.07	7.43	3.1	2020	1.71	0.12	2.56	0.11	44.0	7.4	10	7.40	5.3
M354184		4.79	<0.005	0.08	7.23	2.8	1920	1.44	0.09	2.53	0.09	49.4	5.8	8	8.49	4.2
M354185		3.81	<0.005	0.35	6.92	4.8	1630	1.43	0.48	3.34	0.10	54.7	5.0	8	11.45	33.0
M354186		3.26	<0.005	0.24	6.80	6.0	1860	1.33	0.58	3.44	0.10	44.1	4.3	11	9.32	40.3
M354187		2.45	<0.005	1.03	6.70	7.7	1640	1.16	0.50	3.12	0.13	47.4	6.1	9	11.85	31.7
M354188		4.41	<0.005	0.03	0.09	<5	30	0.05	0.01	22.2	0.06	1.32	0.6	<1	0.32	2.4
M354189		5.79	<0.005	0.06	7.71	15.0	980	1.40	0.58	4.81	0.11	47.3	12.8	39	27.7	2.8
M354190		5.35	<0.005	0.13	8.04	14.1	870	1.14	1.35	4.93	0.07	49.3	7.5	36	14.95	0.8
M354191		4.13	<0.005	0.10	7.00	2.1	1610	1.39	0.09	1.75	0.07	52.8	5.5	6	8.99	4.3
M354192		5.05	<0.005	0.05	7.20	2.9	1960	1.67	0.10	1.90	0.10	49.8	5.9	9	10.10	8.9
M354193		6.89	<0.005	0.22	7.06	17.3	1700	1.40	0.45	3.11	0.16	51.5	5.5	13	13.45	24.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-118A

CERTIFICATE OF ANALYSIS WH12203757

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354158		3.13	16.65	0.13	1.0	0.072	2.71	19.6	26.8	0.33	1250	3.03	1.03	8.3	3.0	600
M354159		2.81	16.35	0.12	1.1	0.040	2.47	19.9	94.8	0.63	746	0.97	0.40	8.0	3.1	600
M354160		3.06	13.95	0.09	0.6	0.041	2.64	17.9	36.5	0.62	1130	1.23	0.04	7.2	2.8	640
M354161		2.51	15.00	0.12	1.1	0.046	2.84	12.6	22.0	0.21	785	2.07	0.05	7.6	2.5	560
M354162		2.64	13.60	0.11	1.3	0.037	2.46	15.4	42.7	0.49	1020	2.24	0.04	6.9	2.6	520
M354163		2.83	16.85	0.13	1.4	0.051	3.08	29.1	38.2	0.38	568	1.05	0.35	9.0	3.4	690
M354164		6.66	13.65	0.11	0.8	1.685	2.62	23.9	25.6	0.91	1920	12.05	0.04	5.5	14.0	450
M354165		3.19	15.45	0.12	1.4	0.028	2.82	33.3	35.4	0.33	758	1.76	0.38	8.4	3.0	610
M354166		2.94	15.55	0.12	1.3	0.027	2.75	23.0	15.3	0.55	710	0.79	1.82	8.1	2.9	610
M354167		3.17	15.60	0.10	1.4	0.038	2.54	21.4	16.2	0.77	955	0.85	2.04	7.6	6.8	730
M354168		5.87	16.40	0.15	2.2	0.063	2.17	22.7	24.0	2.52	2250	0.89	2.40	6.6	25.8	1440
M354169		6.43	17.60	0.11	2.1	0.175	2.34	19.8	41.2	1.78	1920	0.66	0.79	7.0	20.7	1470
M354170		5.76	16.15	0.13	1.7	0.257	2.34	26.1	29.0	1.52	2730	1.00	0.72	7.0	15.8	1140
M354171		0.51	0.33	0.05	<0.1	<0.005	0.08	0.6	2.4	14.10	245	0.15	0.01	0.3	2.0	240
M354172		2.90	16.00	0.11	1.2	0.032	2.68	21.4	15.9	0.69	617	0.81	1.72	7.8	3.2	650
M354173		3.18	16.50	0.10	1.3	0.053	2.98	19.5	20.0	0.77	1490	0.72	1.31	8.1	3.4	690
M354174		2.87	15.95	0.11	1.1	0.035	2.78	22.2	22.5	0.74	758	0.81	1.62	8.1	2.8	640
M354175		2.97	15.85	0.15	1.0	0.025	2.69	22.7	18.6	0.86	680	1.60	2.11	7.8	2.6	630
M354176		2.73	15.90	0.14	1.0	0.021	2.73	25.5	20.4	0.81	655	0.66	2.03	7.6	2.5	590
M354177		2.95	15.70	0.12	1.1	0.033	2.69	20.9	16.6	0.89	725	1.13	2.22	7.7	2.7	660
M354178		2.97	16.30	0.12	1.1	0.024	2.70	22.0	17.0	0.90	717	1.27	2.26	8.1	2.9	680
M354179		2.97	15.50	0.12	1.2	0.028	2.62	22.8	17.1	0.92	661	0.85	2.19	8.1	2.5	630
M354180		2.98	15.60	0.13	1.2	0.018	2.64	18.7	16.5	0.86	650	1.72	2.21	8.4	2.6	630
M354181		5.32	14.55	0.12	1.2	0.894	2.97	23.8	26.8	0.72	2120	12.00	0.28	7.3	13.7	510
M354182		2.92	15.85	0.11	1.2	0.018	2.45	21.7	15.9	0.84	662	0.95	2.29	8.4	2.7	640
M354183		2.84	14.60	0.14	1.4	0.013	2.65	20.9	14.6	0.78	630	1.14	2.30	8.2	2.5	620
M354184		2.48	14.10	0.11	1.2	0.016	2.83	22.7	15.6	0.68	603	1.38	2.00	7.5	2.1	530
M354185		2.48	13.90	0.15	1.2	0.034	2.79	30.1	16.8	0.84	704	2.46	1.13	7.6	2.1	510
M354186		2.79	13.40	0.09	1.2	0.024	2.44	21.2	12.7	0.85	769	1.21	1.32	7.7	2.3	550
M354187		2.80	13.35	0.11	1.1	0.042	2.46	23.0	14.2	0.88	704	1.62	0.95	7.5	2.9	590
M354188		0.50	0.24	0.07	<0.1	<0.005	0.04	0.6	1.6	13.70	227	0.09	0.01	0.2	1.6	190
M354189		4.25	15.60	0.13	1.4	0.075	2.09	22.7	18.9	1.28	1080	0.38	1.74	7.2	10.3	1230
M354190		5.60	15.15	0.12	1.1	0.133	1.97	23.5	21.7	2.23	1110	0.40	1.98	6.6	12.6	1320
M354191		2.37	13.60	0.11	1.2	0.013	2.79	27.3	18.4	0.84	485	1.06	1.05	7.0	2.1	470
M354192		2.49	14.90	0.11	1.2	0.014	2.84	24.9	17.5	0.70	492	1.16	1.82	7.7	2.1	550
M354193		2.75	15.25	0.12	1.2	0.050	2.90	25.8	14.7	0.84	677	23.4	1.13	7.3	2.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-118A

CERTIFICATE OF ANALYSIS WH12203757

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354158		45.6	112.5	<0.002	0.04	5.63	10.9	2	1.9	182.5	0.70	<0.05	10.7	0.267	1.67	2.6
M354159		11.7	101.5	<0.002	0.10	6.56	10.9	1	1.3	127.0	0.75	<0.05	13.2	0.267	1.75	2.8
M354160		13.4	74.1	<0.002	0.20	7.96	9.8	1	1.3	110.5	0.56	<0.05	7.1	0.282	1.66	2.4
M354161		16.9	91.8	<0.002	0.11	7.87	6.4	1	1.3	72.3	0.64	<0.05	8.4	0.234	1.97	2.2
M354162		18.6	72.3	<0.002	0.26	9.75	6.8	<1	1.2	96.1	0.65	<0.05	9.9	0.219	2.00	2.8
M354163		15.8	131.5	<0.002	<0.01	7.79	11.8	<1	1.6	82.1	0.79	<0.05	16.0	0.289	1.57	2.0
M354164		2870	156.0	<0.002	4.82	87.9	8.3	1	7.7	95.6	0.44	0.46	10.4	0.181	2.26	5.1
M354165		18.6	115.0	<0.002	0.02	8.89	12.6	1	1.5	95.1	0.77	<0.05	17.4	0.268	1.26	2.1
M354166		16.0	101.0	<0.002	<0.01	3.29	10.4	<1	2.0	291	0.70	<0.05	13.3	0.274	1.11	1.5
M354167		13.8	95.8	<0.002	<0.01	4.21	13.4	1	1.5	353	0.63	<0.05	11.5	0.291	1.20	1.7
M354168		12.9	80.9	<0.002	<0.01	7.44	25.7	1	1.3	546	0.39	<0.05	6.4	0.470	1.52	3.2
M354169		206	77.1	<0.002	0.29	23.2	25.6	1	1.9	217	0.45	<0.05	6.8	0.482	1.87	3.1
M354170		164.0	119.5	<0.002	0.44	26.6	21.4	<1	2.3	213	0.50	<0.05	10.9	0.387	1.93	3.9
M354171		1.8	4.9	<0.002	<0.01	0.13	0.5	<1	0.3	44.8	<0.05	<0.05	<0.2	0.005	0.04	0.5
M354172		15.2	97.4	<0.002	0.01	4.94	10.9	<1	2.8	306	0.63	<0.05	12.2	0.271	1.13	1.6
M354173		51.2	95.6	<0.002	0.17	6.40	11.4	<1	2.0	271	0.69	<0.05	10.8	0.279	1.53	2.3
M354174		23.1	96.7	<0.002	0.05	5.24	11.1	1	1.9	304	0.66	<0.05	12.4	0.276	1.32	2.5
M354175		17.0	94.4	<0.002	0.06	2.42	11.4	1	1.8	375	0.60	<0.05	11.8	0.272	1.02	2.8
M354176		17.2	100.0	<0.002	0.02	2.36	11.0	<1	2.1	367	0.56	<0.05	12.5	0.265	1.02	2.1
M354177		16.1	93.1	<0.002	0.03	1.98	11.3	1	1.7	393	0.61	<0.05	11.3	0.288	1.05	2.6
M354178		16.9	93.6	<0.002	0.03	2.18	11.6	1	1.7	399	0.64	<0.05	12.0	0.284	1.07	2.6
M354179		16.4	90.8	<0.002	0.03	1.65	11.1	1	1.7	371	0.65	<0.05	12.2	0.268	0.98	2.7
M354180		16.0	92.0	<0.002	0.04	1.81	11.0	1	1.6	367	0.72	<0.05	11.9	0.276	0.96	2.5
M354181		1385	156.5	<0.002	3.15	32.0	9.1	1	5.9	158.0	0.60	0.35	11.6	0.218	2.49	5.0
M354182		16.2	91.0	<0.002	0.02	1.98	11.1	<1	1.6	393	0.80	<0.05	11.3	0.276	0.96	3.0
M354183		17.5	96.8	<0.002	0.02	2.14	10.3	<1	1.6	373	0.81	<0.05	12.9	0.264	0.97	3.1
M354184		18.4	95.4	<0.002	0.01	2.24	8.6	<1	1.4	332	0.71	<0.05	13.0	0.230	0.94	2.4
M354185		18.7	108.5	<0.002	0.02	4.13	8.8	<1	1.5	245	0.74	<0.05	15.5	0.221	1.11	6.2
M354186		16.1	83.2	<0.002	0.09	3.33	9.0	1	1.5	269	0.82	<0.05	11.8	0.240	1.15	3.8
M354187		14.5	91.5	<0.002	0.14	5.08	9.5	1	1.4	246	0.82	<0.05	11.3	0.251	1.26	5.7
M354188		1.5	2.1	<0.002	<0.01	0.05	0.3	<1	0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354189		13.9	94.7	<0.002	0.11	6.18	17.2	1	1.2	303	0.50	0.06	7.9	0.376	1.57	4.0
M354190		9.6	102.5	<0.002	0.03	10.25	19.6	1	1.2	399	0.42	<0.05	7.3	0.411	1.29	3.8
M354191		18.5	98.5	<0.002	0.01	2.80	8.1	1	1.3	202	0.75	<0.05	17.4	0.199	0.96	3.9
M354192		19.0	111.5	<0.002	0.01	2.49	10.0	<1	1.5	313	0.63	<0.05	14.2	0.240	1.01	2.7
M354193		20.8	109.0	<0.002	0.05	3.93	10.1	1	1.5	260	0.61	0.05	14.4	0.249	1.45	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-118A

CERTIFICATE OF ANALYSIS WH12203757

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354158		72	2.1	15.5	100	22.7	<1
M354159		70	3.6	15.7	58	23.6	<1
M354160		73	10.5	12.7	68	15.1	<1
M354161		64	4.5	9.4	54	30.9	<1
M354162		62	5.2	11.1	66	32.0	<1
M354163		76	6.1	16.7	60	34.3	<1
M354164		56	4.9	9.7	5470	22.5	24
M354165		79	5.0	20.8	88	33.2	<1
M354166		77	1.5	14.3	60	31.0	<1
M354167		97	2.4	14.7	71	38.0	<1
M354168		201	3.0	20.6	149	78.0	<1
M354169		203	10.5	15.8	452	72.7	1
M354170		155	4.3	16.1	242	55.1	2
M354171		4	0.1	0.9	16	<0.5	<1
M354172		79	2.1	14.9	62	31.6	<1
M354173		84	3.4	15.6	181	32.0	4
M354174		76	2.3	14.4	64	27.2	<1
M354175		78	1.2	16.7	64	24.5	<1
M354176		75	1.0	16.2	58	25.2	<1
M354177		81	1.4	16.1	62	25.3	<1
M354178		81	1.4	16.1	61	26.1	<1
M354179		76	1.5	15.5	52	26.5	<1
M354180		80	3.2	15.0	50	27.1	<1
M354181		61	5.2	11.6	3220	33.1	9
M354182		78	2.7	15.8	53	23.5	<1
M354183		75	3.0	14.9	52	27.3	<1
M354184		62	3.5	14.2	46	25.7	<1
M354185		61	6.6	20.0	42	28.8	<1
M354186		68	3.0	15.9	47	24.9	<1
M354187		73	6.1	14.7	48	21.5	1
M354188		3	0.1	0.8	13	<0.5	<1
M354189		141	3.7	20.4	67	45.9	<1
M354190		161	3.7	17.9	69	38.1	<1
M354191		53	7.0	15.3	43	27.0	<1
M354192		66	4.1	12.2	46	26.4	<1
M354193		75	3.4	16.2	55	26.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-118A

CERTIFICATE OF ANALYSIS WH12203757

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203758

Project: KLAZA-119

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

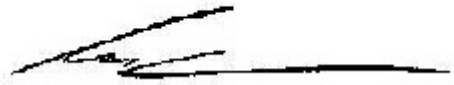
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA-119

CERTIFICATE OF ANALYSIS WH12203758

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359306		3.54	<0.005	0.31	6.96	3.2	2100	1.45	0.58	2.61	0.12	48.7	7.2	12	12.10	8.4
M359307		4.75	<0.005	0.18	7.11	4.6	1870	1.18	0.32	1.43	0.13	46.6	6.4	9	20.8	9.5
M359308		4.39	<0.005	0.17	7.14	4.2	1840	1.21	0.30	1.53	0.12	44.3	6.7	9	25.2	8.7
M359309		2.97	<0.005	0.38	6.09	22.5	1430	1.51	0.31	2.85	0.12	40.8	6.8	8	26.2	11.6
M359310		3.69	<0.005	0.26	6.30	5.3	1630	1.49	0.24	1.99	0.13	44.1	6.7	9	20.2	8.1
M359311		2.59	<0.005	0.23	6.54	4.4	2180	1.59	0.26	2.73	0.16	50.6	6.9	11	17.65	16.2
M359312		4.14	<0.005	0.24	6.95	4.9	1980	1.68	0.36	2.60	0.31	43.6	7.3	13	12.70	25.5
M359313		4.51	<0.005	0.22	6.59	11.0	1670	1.63	0.31	2.52	0.26	43.5	6.5	11	16.60	21.2
M359314		3.13	<0.005	0.01	0.07	<5	40	0.05	0.04	22.1	0.08	1.35	1.3	<1	0.20	3.1
M359315		2.59	<0.005	0.25	6.79	5.9	1890	1.77	0.33	2.75	0.28	62.6	7.9	10	15.40	28.0
M359316		<0.02	<0.005	0.23	6.63	5.6	1820	1.78	0.32	2.75	0.28	58.3	7.8	10	15.35	26.3
M359317		2.50	<0.005	0.30	6.19	5.8	2060	1.60	0.30	3.17	0.34	35.6	7.4	9	15.70	25.9
M359318		2.65	<0.005	0.22	6.50	5.4	2050	1.53	0.27	2.67	0.31	37.0	7.2	9	14.45	25.6
M359319		2.55	<0.005	0.20	7.02	4.7	2350	1.69	0.24	2.66	0.24	42.2	7.3	10	16.90	22.8
M359320		4.58	<0.005	0.13	7.29	2.5	2230	1.58	0.14	2.70	0.11	48.8	7.5	12	7.17	13.0
M359321		2.44	<0.005	0.13	6.80	3.0	2190	1.69	0.19	2.63	0.10	46.6	6.5	11	10.80	9.3
M359322		3.50	<0.005	0.12	6.83	3.4	1990	1.71	0.12	2.62	0.11	45.2	7.3	11	10.15	6.3
M359323		3.09	<0.005	0.15	7.00	2.7	2110	1.79	0.24	2.69	0.12	43.5	7.5	11	8.20	6.3
M359324		1.36	<0.005	0.12	7.05	2.5	2140	1.73	0.14	2.63	0.10	39.8	7.2	10	7.22	5.5
M359325		4.18	<0.005	0.16	7.11	4.5	2090	1.65	0.19	2.79	0.20	46.3	7.7	10	14.75	7.0
M359326		0.23	0.779	9.64	6.34	1700	460	1.58	6.50	1.90	43.4	44.6	16.9	19	16.85	103.0
M359327		2.55	<0.005	0.13	7.10	5.8	2200	1.54	0.09	2.48	0.18	45.4	6.8	9	24.1	5.1
M359328		2.62	<0.005	0.11	6.66	4.1	2060	1.64	0.13	2.53	0.10	46.9	7.3	10	17.60	4.6
M359329		0.25	2.35	24.3	5.73	3280	1350	1.37	19.60	2.26	81.6	44.5	10.9	19	15.00	436
M359330		2.78	<0.005	0.28	6.65	70.2	2020	1.63	0.13	2.35	0.36	47.5	7.3	9	16.75	6.6
M359331		2.65	0.007	0.32	6.60	114.0	1810	1.76	0.16	2.21	0.27	45.6	7.0	8	16.10	6.1
M359332		3.11	0.286	2.00	5.94	501	790	1.77	0.12	1.78	5.94	37.9	7.9	7	17.90	12.5
M359333		5.07	0.006	0.58	6.33	26.6	970	1.62	0.60	2.65	1.17	40.6	8.4	8	18.35	7.0
M359334		2.77	0.131	1.26	6.37	233	1860	1.97	0.12	2.72	2.86	40.5	7.6	7	19.80	8.3
M359335		2.89	0.027	0.39	6.91	75.3	2040	1.70	0.20	2.45	0.68	45.4	7.7	9	10.25	5.5
M359336		3.30	<0.005	0.01	0.05	<5	30	<0.05	0.02	20.8	0.06	0.97	1.3	<1	0.17	1.7
M359337		7.44	<0.005	0.20	6.99	3.8	2040	1.92	0.26	2.50	0.15	44.9	8.1	12	8.73	5.4
M359338		5.25	<0.005	0.12	6.74	3.5	2030	1.74	0.08	2.56	0.12	45.1	7.9	14	6.01	5.3
M359339		2.69	<0.005	0.14	6.76	5.5	1870	1.82	0.13	2.84	0.23	43.6	7.9	10	9.03	6.5
M359340		3.71	<0.005	0.14	7.35	2.6	2230	1.51	0.08	2.55	0.13	53.2	8.4	14	6.41	9.6
M359341		5.06	<0.005	0.13	7.17	3.3	1900	1.61	0.11	2.58	0.09	50.3	7.3	12	9.39	7.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA-119

CERTIFICATE OF ANALYSIS WH12203758

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359306		2.85	14.70	0.12	1.1	0.041	2.85	24.9	23.4	0.74	652	0.66	2.31	7.8	2.6	540
M359307		2.53	15.15	0.10	1.1	0.039	2.98	24.3	32.4	0.40	629	0.57	0.62	8.0	2.2	580
M359308		2.74	15.10	0.11	1.1	0.036	2.84	22.9	28.5	0.39	677	0.72	0.78	7.9	2.4	580
M359309		2.86	13.65	0.11	1.0	0.040	2.57	20.7	30.6	0.57	934	0.83	0.45	7.4	2.2	540
M359310		2.61	14.30	0.11	1.1	0.037	2.77	22.5	18.7	0.58	726	0.61	1.47	8.0	2.2	530
M359311		2.74	14.40	0.11	1.3	0.039	2.72	26.5	12.0	0.74	701	1.08	1.67	7.9	2.4	520
M359312		2.83	15.00	0.10	1.6	0.062	2.88	21.3	14.4	0.75	790	1.77	2.51	8.9	2.3	540
M359313		2.59	14.25	0.10	1.7	0.040	2.80	22.4	14.7	0.66	673	2.17	1.92	8.3	2.2	490
M359314		0.48	0.22	<0.05	<0.1	0.005	0.02	0.7	1.1	13.20	200	0.11	0.01	0.3	1.2	210
M359315		2.84	15.90	0.12	1.5	0.050	2.74	32.6	13.4	0.80	695	1.26	2.12	8.2	2.5	540
M359316		2.84	15.15	0.10	1.4	0.051	2.70	30.4	13.6	0.81	719	1.12	2.08	8.2	2.5	530
M359317		2.77	14.70	0.10	1.2	0.045	2.71	16.2	16.1	0.77	771	1.39	2.02	7.7	2.3	540
M359318		2.79	14.80	0.09	1.2	0.045	2.79	17.1	18.2	0.73	698	1.45	2.06	7.5	2.3	530
M359319		2.80	15.25	0.11	1.4	0.042	2.91	19.8	17.5	0.70	685	1.30	2.35	8.1	2.4	550
M359320		2.95	15.20	0.10	1.4	0.035	2.75	25.3	21.8	0.83	651	2.83	2.36	8.2	2.5	580
M359321		2.65	14.85	0.10	1.6	0.033	2.99	23.9	18.5	0.70	630	0.88	1.95	8.0	2.2	490
M359322		2.74	15.00	0.10	1.6	0.032	2.88	22.7	16.8	0.75	666	2.12	2.22	8.6	2.4	530
M359323		2.90	15.40	0.10	1.6	0.034	2.87	21.7	21.2	0.80	697	1.79	2.22	8.9	2.5	560
M359324		2.87	15.30	0.11	1.5	0.033	2.82	18.7	21.3	0.78	666	2.19	2.28	8.8	2.4	560
M359325		2.94	15.30	0.10	1.4	0.038	2.82	23.3	49.3	0.82	829	12.20	1.74	9.1	2.6	610
M359326		5.23	14.15	0.14	1.3	0.935	2.84	23.4	26.9	0.70	1940	12.60	0.27	7.8	14.4	480
M359327		2.72	14.95	0.11	1.3	0.034	3.00	24.0	70.2	0.66	763	1.39	1.39	7.8	2.3	560
M359328		2.80	14.70	0.10	1.3	0.035	2.75	23.5	15.9	0.74	698	0.65	2.30	8.3	2.3	540
M359329		6.75	13.25	0.15	1.0	1.765	2.65	24.7	24.8	0.95	1880	13.35	0.04	6.2	14.4	430
M359330		2.58	14.55	0.11	1.5	0.036	3.42	24.6	29.3	0.62	1830	0.94	1.29	8.2	2.5	520
M359331		2.66	15.05	0.11	1.7	0.034	3.50	22.4	23.7	0.56	2210	1.09	1.34	8.7	2.3	530
M359332		3.23	13.35	0.10	1.5	0.027	2.87	18.6	39.2	0.52	6730	1.59	0.04	7.3	2.4	460
M359333		2.74	14.50	0.11	1.6	0.048	3.22	19.7	29.8	0.73	3660	0.91	0.08	8.0	2.2	530
M359334		3.04	14.60	0.10	1.6	0.036	3.16	19.3	32.1	0.63	7160	1.53	0.06	7.9	2.3	550
M359335		2.95	15.15	0.12	1.5	0.034	3.09	22.6	31.4	0.76	1680	1.04	1.81	8.5	2.5	570
M359336		0.48	0.18	<0.05	<0.1	0.005	0.02	0.5	1.0	12.45	222	0.08	0.01	0.2	1.3	160
M359337		2.92	16.15	0.10	1.7	0.036	2.72	23.0	22.9	0.83	1100	1.47	2.35	9.0	2.6	570
M359338		2.85	15.50	0.11	1.5	0.039	2.66	22.8	21.6	0.83	736	0.79	2.28	8.6	2.5	550
M359339		2.98	15.25	0.11	1.6	0.039	2.70	21.0	17.0	0.78	1500	0.79	2.03	9.0	2.5	590
M359340		2.95	16.65	0.17	1.6	0.039	2.39	24.9	18.1	0.86	807	0.86	2.21	8.9	3.3	630
M359341		2.55	15.55	0.16	1.7	0.035	2.42	23.4	15.1	0.70	693	0.76	2.14	8.2	2.6	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA-119

CERTIFICATE OF ANALYSIS WH12203758

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359306		28.3	96.8	<0.002	0.01	2.13	9.5	1	1.6	368	0.59	<0.05	12.1	0.257	1.03	3.3
M359307		23.8	111.0	<0.002	0.01	18.00	10.0	1	1.8	142.0	0.60	<0.05	12.3	0.262	1.20	2.8
M359308		23.4	102.5	<0.002	0.01	22.1	10.3	1	1.6	153.5	0.62	<0.05	11.6	0.259	1.13	3.3
M359309		16.1	86.9	<0.002	0.06	74.7	9.1	1	1.8	182.5	0.53	<0.05	9.0	0.247	1.19	4.6
M359310		16.5	100.0	<0.002	0.01	39.4	8.9	1	1.6	219	0.61	<0.05	11.1	0.250	1.24	3.3
M359311		19.0	98.8	<0.002	0.02	33.4	9.3	1	1.9	301	0.61	<0.05	12.5	0.245	1.06	3.9
M359312		32.2	107.5	<0.002	0.01	14.90	9.8	1	2.5	365	0.82	<0.05	13.8	0.241	1.13	6.7
M359313		30.8	105.0	<0.002	0.04	44.0	8.3	1	2.0	301	0.86	<0.05	13.4	0.223	1.18	5.8
M359314		1.5	1.2	<0.002	<0.01	0.12	0.2	1	<0.2	52.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M359315		33.9	107.0	<0.002	0.01	23.0	10.4	1	2.3	355	0.74	<0.05	15.5	0.246	1.11	4.1
M359316		33.0	100.5	<0.002	0.01	20.7	10.4	1	2.3	345	0.76	<0.05	14.7	0.251	1.11	4.7
M359317		33.0	90.1	<0.002	0.03	9.61	8.8	1	2.0	357	0.62	<0.05	9.5	0.243	1.14	5.0
M359318		30.5	98.1	<0.002	0.02	8.64	8.7	1	2.1	345	0.60	<0.05	10.3	0.239	1.28	5.0
M359319		26.0	111.5	<0.002	0.04	7.26	9.4	1	2.2	377	0.70	<0.05	11.6	0.249	1.24	4.6
M359320		19.7	101.5	<0.002	0.01	2.97	10.2	1	1.6	384	0.66	<0.05	12.9	0.260	0.97	4.7
M359321		19.3	103.5	<0.002	0.02	21.8	9.1	1	1.6	334	0.72	<0.05	14.5	0.233	1.04	5.4
M359322		19.5	103.0	<0.002	0.02	3.65	9.4	1	1.6	356	0.77	<0.05	13.8	0.243	1.10	5.1
M359323		19.3	104.0	<0.002	0.05	2.71	9.8	1	1.6	370	0.80	<0.05	12.2	0.257	1.10	4.9
M359324		19.2	101.5	<0.002	0.04	1.40	9.7	1	1.6	371	0.77	<0.05	11.6	0.254	1.04	4.7
M359325		20.6	102.5	<0.002	0.03	5.44	10.2	1	1.7	360	0.74	<0.05	12.1	0.272	1.17	5.0
M359326		1320	152.0	0.002	3.09	35.6	8.6	2	6.3	144.5	0.61	0.30	11.2	0.207	2.40	5.0
M359327		19.1	121.5	<0.002	0.04	12.05	9.9	1	1.6	308	0.58	<0.05	10.9	0.254	1.39	3.5
M359328		17.7	103.0	<0.002	0.01	5.09	9.9	1	1.7	371	0.69	<0.05	11.9	0.257	1.24	3.9
M359329		2850	162.0	0.002	4.82	97.3	7.9	2	8.5	91.9	0.47	0.39	10.6	0.181	2.29	5.2
M359330		28.1	132.5	<0.002	0.18	11.00	9.3	1	1.6	279	0.70	<0.05	12.7	0.242	1.77	5.4
M359331		27.4	137.0	<0.002	0.49	14.90	9.2	1	1.7	255	0.82	<0.05	12.6	0.242	2.09	4.7
M359332		102.5	117.5	<0.002	2.10	64.1	8.4	1	2.4	161.5	0.72	<0.05	11.6	0.211	2.85	5.8
M359333		38.1	120.0	<0.002	0.50	40.6	9.1	1	1.8	163.5	0.75	<0.05	11.3	0.237	2.04	4.8
M359334		57.6	122.0	<0.002	1.32	42.2	9.6	1	1.9	186.5	0.70	<0.05	11.2	0.246	2.42	5.4
M359335		29.0	112.5	<0.002	0.42	11.00	10.0	1	1.6	346	0.75	<0.05	12.3	0.261	1.46	4.8
M359336		1.1	1.3	<0.002	<0.01	0.09	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359337		23.7	108.0	<0.002	0.04	2.35	10.8	1	1.7	367	0.84	<0.05	12.9	0.257	1.04	5.2
M359338		20.4	95.9	<0.002	0.01	1.75	10.4	1	1.6	367	0.75	<0.05	12.3	0.258	0.95	4.7
M359339		29.0	94.0	<0.002	0.04	8.39	10.2	1	1.6	335	0.84	<0.05	11.4	0.264	1.05	5.1
M359340		22.6	97.5	<0.002	0.01	1.66	11.7	1	1.6	410	0.81	<0.05	13.0	0.261	0.89	4.8
M359341		20.0	103.5	<0.002	0.01	2.91	10.2	1	1.5	346	0.76	<0.05	14.4	0.235	0.98	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA-119

CERTIFICATE OF ANALYSIS WH12203758

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359306		68	0.5	14.7	57	27.3	<1
M359307		70	1.6	12.7	51	28.6	<1
M359308		70	1.5	12.2	56	27.0	<1
M359309		68	3.3	12.7	65	24.7	<1
M359310		66	1.6	11.3	57	28.2	<1
M359311		65	0.9	13.4	57	34.3	<1
M359312		66	1.2	16.2	71	41.3	<1
M359313		61	1.6	13.7	64	41.7	<1
M359314		3	0.1	0.9	16	<0.5	<1
M359315		69	1.6	15.6	75	36.9	1
M359316		71	1.7	15.3	76	33.4	<1
M359317		68	1.9	13.2	77	31.1	<1
M359318		67	2.0	12.6	72	30.9	<1
M359319		68	1.6	14.7	65	35.5	<1
M359320		70	0.8	15.8	53	36.5	<1
M359321		63	0.8	14.4	49	42.1	<1
M359322		65	1.7	15.2	52	42.1	<1
M359323		69	3.8	16.0	53	38.4	<1
M359324		67	3.5	15.9	52	36.2	<1
M359325		73	12.7	16.1	62	35.0	<1
M359326		57	5.2	11.3	2880	37.2	10
M359327		69	5.7	14.5	58	33.2	<1
M359328		68	1.8	15.0	52	32.1	<1
M359329		58	5.1	10.1	5290	26.1	26
M359330		65	2.7	14.3	71	39.9	<1
M359331		64	1.9	14.0	70	45.1	<1
M359332		56	3.9	10.8	493	38.7	2
M359333		66	2.7	13.3	105	40.2	<1
M359334		69	4.7	11.7	255	40.3	1
M359335		71	2.3	15.6	117	37.2	<1
M359336		2	0.1	0.7	12	<0.5	<1
M359337		70	1.9	16.8	63	40.3	<1
M359338		70	1.0	16.3	60	37.8	<1
M359339		73	1.2	16.0	100	40.1	<1
M359340		80	1.2	18.3	69	42.8	<1
M359341		70	1.0	15.6	55	42.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: KLAZA-119

CERTIFICATE OF ANALYSIS WH12203758

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203759

Project: Klaza-119

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

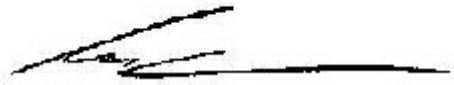
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12203759

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359342		2.56	<0.005	0.12	7.42	6.3	2090	1.50	0.08	2.71	0.12	53.1	8.0	11	7.80	8.1
M359343		3.43	<0.005	0.11	7.14	7.8	2170	1.52	0.08	2.54	0.13	56.5	7.3	11	4.79	6.6
M359344		5.86	<0.005	0.14	7.25	4.6	2210	1.73	0.08	2.62	0.10	50.7	8.0	13	7.28	9.1
M359345		2.58	<0.005	0.12	7.40	7.7	2090	1.88	0.07	2.82	0.08	52.4	7.8	12	9.38	6.1
M359346		2.93	<0.005	0.11	7.02	3.3	2130	1.86	0.07	2.67	0.08	44.0	7.8	13	8.74	7.2
M359347		2.83	<0.005	0.12	7.18	5.2	2030	1.74	0.09	2.92	0.08	50.3	7.5	11	8.36	6.1
M359348		6.93	<0.005	0.11	7.32	2.5	2160	1.82	0.09	2.82	0.09	51.6	7.9	15	5.28	5.7
M359349		2.83	<0.005	0.13	6.97	7.3	2120	1.88	0.07	2.71	0.08	44.1	7.7	11	5.91	5.3
M359350		<0.02	<0.005	0.12	6.92	6.7	2100	1.91	0.07	2.71	0.07	46.0	7.8	11	5.93	5.8
M359351		5.18	<0.005	0.11	6.96	3.4	2060	1.79	0.08	2.50	0.07	47.9	7.2	11	5.22	5.2
M359352		0.25	0.820	11.20	6.83	1880	1360	1.77	5.99	2.05	43.0	50.5	19.0	20	17.35	115.5
M359353		7.70	<0.005	0.12	7.03	4.7	2230	1.89	0.07	2.79	0.10	45.7	8.3	13	8.65	5.9
M359354		4.32	<0.005	0.09	6.42	4.5	1050	1.72	0.07	3.96	0.10	46.6	7.9	9	15.75	4.6
M359355		4.22	<0.005	0.10	6.54	3.6	1000	1.70	0.08	3.56	0.09	49.1	7.5	10	14.85	3.9
M359356		3.23	<0.005	0.01	0.07	<5	20	0.06	0.01	21.8	0.07	1.25	1.4	<1	0.23	1.8
M359357		2.13	<0.005	0.16	7.28	3.3	2050	1.83	0.16	2.79	0.11	51.7	8.0	10	9.48	8.4
M359358		3.92	<0.005	0.14	6.73	2.8	2020	1.68	0.10	2.72	0.10	46.8	8.0	11	11.50	6.3
M359359		4.73	<0.005	0.13	6.87	2.9	2140	1.78	0.08	2.59	0.08	46.0	8.0	13	9.00	5.9
M359360		5.70	<0.005	0.11	7.02	3.0	2170	1.75	0.08	2.53	0.10	50.4	7.8	10	9.01	5.4
M359361		3.36	<0.005	0.11	6.97	5.0	2120	1.68	0.07	2.56	0.08	42.9	7.9	12	8.00	5.7
M359362		1.47	<0.005	0.12	7.17	5.4	2120	1.78	0.09	2.55	0.08	49.4	8.9	10	8.41	6.3
M359363		3.30	<0.005	0.12	7.30	4.1	2150	1.66	0.09	2.62	0.11	49.3	8.2	11	8.31	5.9
M359364		6.04	<0.005	0.12	6.76	7.4	1420	2.91	0.22	1.85	0.07	47.3	5.0	11	9.18	3.3
M359365		4.20	<0.005	0.11	7.06	4.2	2070	1.83	0.09	2.65	0.10	48.5	7.8	13	8.74	6.2
M359366		7.03	<0.005	0.12	7.33	3.8	2330	1.74	0.08	2.79	0.08	51.2	8.2	11	7.46	5.1
M359367		3.11	<0.005	0.15	6.97	5.8	1640	1.86	0.09	2.88	0.11	50.5	7.8	11	8.08	4.8
M359368		2.98	<0.005	0.16	7.40	7.3	2400	1.80	0.06	2.69	0.12	53.8	9.2	12	7.06	8.1
M359369		5.97	<0.005	0.10	6.91	3.9	2080	1.70	0.07	2.67	0.08	49.1	8.0	11	5.69	4.8
M359370		4.52	<0.005	0.10	7.23	6.3	2370	1.75	0.05	2.78	0.09	48.8	8.4	12	5.93	5.7
M359371		3.71	<0.005	0.01	0.09	<5	30	0.06	0.02	20.9	0.06	1.68	1.4	<1	0.41	2.4
M359372		3.81	<0.005	0.09	6.77	3.6	1190	1.33	0.07	3.34	0.08	47.2	7.6	9	7.58	4.4
M359373		3.48	<0.005	0.14	6.98	5.1	2240	1.62	0.09	2.80	0.10	44.4	8.3	11	6.34	5.0
M359374		0.25	0.802	9.61	6.50	1790	1440	1.59	5.67	1.94	41.0	50.3	16.9	19	16.80	106.5
M359375		5.78	<0.005	0.12	6.84	6.5	2180	1.65	0.09	2.67	0.12	43.7	8.0	11	5.91	8.7
M359376		6.19	<0.005	0.09	7.25	4.6	2430	1.70	0.06	2.79	0.09	50.1	7.9	12	5.51	4.9
M359377		4.52	<0.005	0.10	7.34	5.7	2270	1.80	0.06	2.87	0.09	55.3	8.4	11	3.83	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12203759

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359342		3.07	15.80	0.14	1.2	0.033	2.63	25.3	21.4	0.88	815	0.89	2.28	7.6	2.6	660
M359343		2.78	15.45	0.15	1.2	0.030	2.46	28.6	21.5	0.82	680	0.58	2.42	7.5	2.5	610
M359344		2.90	16.90	0.17	1.6	0.035	2.74	25.0	24.3	0.84	698	1.23	2.45	8.5	3.0	590
M359345		2.80	16.85	0.20	1.7	0.033	2.84	26.6	18.8	0.71	671	0.71	2.25	8.9	2.5	580
M359346		2.91	16.45	0.18	1.7	0.034	2.80	21.5	24.2	0.81	672	0.62	2.35	8.8	2.4	580
M359347		2.79	16.85	0.19	1.9	0.035	2.90	25.2	21.0	0.77	791	0.62	2.12	8.5	2.4	570
M359348		2.88	16.80	0.20	1.8	0.032	2.79	25.4	24.7	0.79	684	0.71	2.42	8.9	2.6	590
M359349		2.81	16.65	0.19	1.9	0.031	2.78	21.4	21.2	0.76	703	0.63	2.30	8.4	2.3	560
M359350		2.78	16.80	0.19	1.9	0.032	2.79	22.1	21.3	0.76	700	0.66	2.30	8.6	2.5	560
M359351		2.63	15.55	0.19	1.6	0.028	2.62	24.5	18.1	0.74	609	0.69	2.30	7.5	2.2	530
M359352		5.61	16.15	0.21	1.5	0.965	2.98	26.5	27.1	0.74	2060	12.95	0.27	8.1	17.4	520
M359353		3.00	16.60	0.18	1.5	0.033	2.78	22.0	18.6	0.81	730	0.97	2.33	8.8	2.6	600
M359354		2.91	15.05	0.19	1.4	0.033	2.46	23.4	14.8	0.99	952	0.59	1.50	7.5	2.1	550
M359355		2.75	14.70	0.20	1.4	0.031	2.44	24.7	16.6	0.78	925	0.65	1.77	7.9	2.0	560
M359356		0.50	0.42	0.11	<0.1	<0.005	0.03	0.6	1.2	13.60	217	0.09	0.01	0.3	<0.2	150
M359357		3.13	16.95	0.17	1.9	0.036	2.66	24.8	13.7	0.84	760	2.85	2.39	9.5	2.7	620
M359358		2.82	16.30	0.19	1.7	0.033	2.61	23.0	16.1	0.73	656	42.6	2.11	8.0	2.8	570
M359359		2.89	16.10	0.20	1.5	0.031	2.61	22.7	23.3	0.78	658	4.57	2.23	8.0	2.6	580
M359360		2.90	16.15	0.18	1.5	0.033	2.57	25.8	29.6	0.76	618	1.03	2.16	8.4	2.5	590
M359361		2.93	16.15	0.18	1.5	0.032	2.54	21.0	31.7	0.78	663	1.28	2.47	8.1	2.4	590
M359362		3.12	16.55	0.20	1.5	0.037	2.54	24.0	33.1	0.88	738	1.16	2.54	9.0	2.6	670
M359363		3.04	16.50	0.21	1.5	0.033	2.62	25.0	37.7	0.81	711	1.18	2.16	8.2	2.5	610
M359364		2.01	15.30	0.18	2.6	0.021	3.12	23.5	21.3	0.51	541	3.27	2.52	10.5	1.7	360
M359365		2.85	16.30	0.19	1.6	0.032	2.64	24.0	26.0	0.79	692	1.40	2.36	8.4	2.4	560
M359366		3.06	16.85	0.18	1.4	0.035	2.63	25.3	31.7	0.89	720	1.45	2.38	8.7	2.5	600
M359367		2.90	16.50	0.20	1.6	0.035	2.49	25.3	17.7	0.77	775	1.95	2.29	8.7	2.5	560
M359368		3.22	16.95	0.21	1.6	0.041	2.63	26.4	21.0	0.98	781	3.46	2.47	8.5	2.6	630
M359369		2.89	15.90	0.20	1.4	0.032	2.46	24.3	21.5	0.82	690	2.42	2.23	8.0	2.3	560
M359370		3.11	16.45	0.20	1.5	0.038	2.52	24.0	23.7	0.88	730	1.13	2.37	8.3	2.4	600
M359371		0.50	0.41	0.09	<0.1	<0.005	0.04	0.8	1.3	12.90	219	0.13	0.01	0.4	<0.2	190
M359372		2.96	16.05	0.15	1.5	0.034	2.20	23.4	16.8	0.84	784	2.23	2.39	7.9	2.0	570
M359373		3.00	17.10	0.20	1.5	0.037	2.62	20.7	22.8	0.81	720	1.21	2.40	8.7	2.2	580
M359374		5.33	14.70	0.18	1.4	0.934	2.85	26.5	28.8	0.70	1950	12.45	0.26	7.9	15.5	490
M359375		2.95	16.40	0.20	1.4	0.035	2.48	20.9	23.3	0.81	714	0.94	2.42	8.3	2.3	580
M359376		3.06	16.10	0.18	1.6	0.031	2.58	24.6	27.9	0.83	694	1.13	2.38	8.3	2.3	580
M359377		3.05	16.65	0.20	1.5	0.035	2.49	28.0	23.2	0.85	717	0.90	2.37	8.2	2.4	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12203759

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359342		18.0	93.5	<0.002	0.01	6.24	11.6	1	1.6	398	0.62	<0.05	12.5	0.286	0.96	5.1
M359343		17.5	88.9	<0.002	0.01	1.05	10.5	<1	1.4	438	0.62	<0.05	13.8	0.257	0.91	4.2
M359344		21.2	113.5	<0.002	0.02	1.51	11.1	1	1.4	421	0.71	<0.05	14.4	0.261	0.98	4.4
M359345		20.9	122.0	<0.002	0.02	8.84	11.2	1	1.4	369	0.80	<0.05	16.7	0.259	1.08	6.2
M359346		20.4	106.5	<0.002	0.01	1.34	10.7	1	1.5	399	0.78	<0.05	13.9	0.255	1.00	5.4
M359347		20.1	122.0	<0.002	0.02	8.61	10.7	2	1.4	367	0.78	<0.05	16.3	0.252	1.13	6.0
M359348		21.5	115.5	<0.002	0.01	1.37	11.1	2	1.5	396	0.83	<0.05	16.0	0.259	1.00	5.7
M359349		19.9	103.0	<0.002	0.03	1.78	10.5	1	1.4	386	0.80	<0.05	13.0	0.251	1.04	5.4
M359350		20.1	108.5	<0.002	0.03	1.77	10.4	2	1.4	381	0.79	<0.05	13.6	0.249	1.04	5.1
M359351		19.6	103.5	<0.002	<0.01	0.87	10.4	1	1.2	388	0.74	<0.05	16.3	0.233	0.90	6.4
M359352		1445	178.5	<0.002	3.34	35.2	10.6	2	6.1	155.0	0.67	0.33	14.0	0.218	2.63	5.6
M359353		21.0	105.5	<0.002	0.02	2.89	11.2	1	1.4	396	0.83	<0.05	13.8	0.266	1.02	5.2
M359354		17.1	109.0	<0.002	0.01	9.51	10.6	2	1.3	286	0.63	<0.05	13.3	0.241	1.15	3.0
M359355		15.0	117.5	<0.002	0.01	7.81	11.1	2	1.4	273	0.67	<0.05	13.9	0.250	1.21	2.6
M359356		1.2	1.9	<0.002	<0.01	<0.05	0.3	2	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
M359357		24.5	117.5	<0.002	<0.01	2.25	11.8	1	1.6	376	0.92	<0.05	16.1	0.272	1.01	4.8
M359358		23.1	103.0	0.010	0.01	2.73	11.2	1	1.4	375	0.69	<0.05	14.3	0.263	0.96	3.8
M359359		19.7	101.0	<0.002	0.01	1.74	11.2	1	1.4	387	0.68	<0.05	14.3	0.258	0.97	4.4
M359360		19.2	103.0	<0.002	<0.01	2.84	11.3	1	1.5	382	0.68	<0.05	14.2	0.259	0.90	4.0
M359361		18.3	96.3	<0.002	0.01	2.93	10.7	1	1.4	390	0.64	<0.05	12.4	0.259	0.96	3.9
M359362		18.3	106.0	<0.002	0.02	3.06	12.0	2	1.6	395	0.73	<0.05	13.5	0.278	0.97	4.1
M359363		20.7	110.0	<0.002	0.01	2.46	11.8	2	1.4	391	0.70	<0.05	14.4	0.267	0.96	4.7
M359364		27.9	206	<0.002	<0.01	2.74	7.6	1	1.6	257	1.65	<0.05	24.9	0.167	1.47	8.7
M359365		20.8	114.0	<0.002	<0.01	7.42	11.1	2	1.5	369	0.80	<0.05	15.1	0.256	1.03	5.1
M359366		19.0	108.0	<0.002	<0.01	1.28	11.6	2	1.6	429	0.71	<0.05	13.8	0.271	0.95	4.0
M359367		21.3	116.5	<0.002	<0.01	2.60	11.3	2	1.6	309	0.83	<0.05	14.4	0.247	1.03	4.4
M359368		23.6	113.0	<0.002	0.01	2.00	13.1	2	1.6	440	0.71	<0.05	14.0	0.285	1.01	4.4
M359369		19.5	99.8	<0.002	0.01	1.43	11.4	1	1.5	386	0.67	<0.05	13.5	0.256	0.90	4.0
M359370		21.1	94.0	<0.002	0.01	1.18	12.2	1	1.6	430	0.71	<0.05	13.5	0.273	0.94	4.1
M359371		1.5	2.5	<0.002	<0.01	<0.05	0.3	2	<0.2	47.8	<0.05	<0.05	0.2	<0.005	<0.02	0.8
M359372		16.8	101.0	<0.002	0.01	2.33	10.9	1	1.5	221	0.67	<0.05	12.1	0.259	0.99	2.9
M359373		22.9	97.3	<0.002	0.01	1.48	11.2	1	1.6	426	0.72	<0.05	11.9	0.268	0.95	3.9
M359374		1365	167.5	<0.002	3.16	33.3	9.5	2	5.8	148.0	0.67	0.31	12.9	0.208	2.42	5.1
M359375		20.2	92.7	<0.002	0.01	1.98	10.9	2	1.5	416	0.72	<0.05	11.7	0.261	0.93	3.8
M359376		21.2	101.5	<0.002	0.01	1.40	11.6	2	1.5	404	0.69	<0.05	14.1	0.262	0.91	4.4
M359377		21.1	99.0	<0.002	0.01	1.37	12.4	2	1.5	409	0.74	<0.05	14.1	0.265	0.86	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12203759

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359342		85	0.6	16.4	65	31.9	<1
M359343		72	0.4	16.3	55	29.7	1
M359344		71	0.4	16.6	56	45.4	<1
M359345		70	0.5	16.1	55	43.8	1
M359346		71	0.4	15.4	54	47.8	<1
M359347		69	0.5	15.9	55	55.3	<1
M359348		70	0.5	16.4	55	48.5	<1
M359349		67	0.6	15.0	53	53.0	1
M359350		67	0.6	15.7	52	54.3	<1
M359351		63	0.6	15.1	50	41.8	1
M359352		62	5.7	12.3	3160	40.6	10
M359353		73	0.7	15.3	61	41.0	<1
M359354		65	1.3	14.5	53	37.9	<1
M359355		66	1.8	12.7	52	37.8	<1
M359356		2	0.1	0.8	13	<0.5	<1
M359357		78	2.7	18.0	63	49.6	<1
M359358		71	1.8	14.7	59	43.6	<1
M359359		71	0.9	15.0	55	40.1	<1
M359360		70	2.4	15.9	54	39.2	<1
M359361		70	2.6	14.4	55	41.4	<1
M359362		76	2.9	16.6	60	41.1	<1
M359363		73	2.5	16.4	60	41.8	<1
M359364		43	3.0	17.4	39	55.4	<1
M359365		67	1.7	16.0	57	40.0	1
M359366		74	1.2	17.0	57	38.6	1
M359367		68	1.5	16.4	63	39.5	<1
M359368		83	3.2	17.3	67	39.7	<1
M359369		68	0.8	15.8	58	35.9	<1
M359370		73	1.1	16.4	60	36.4	<1
M359371		2	0.1	0.9	17	<0.5	<1
M359372		69	1.7	14.2	67	37.7	<1
M359373		72	0.8	15.8	61	39.4	<1
M359374		57	5.5	11.8	2990	39.7	10
M359375		73	1.1	15.3	65	34.0	<1
M359376		72	1.0	16.2	59	41.4	<1
M359377		73	1.1	17.3	61	36.4	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12203759

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203770

Project: Klaza-120

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

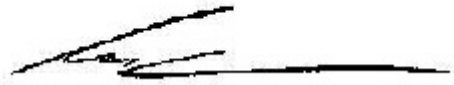
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12203770

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357001		4.72	0.024	0.21	7.43	79.7	1220	1.44	0.53	2.34	0.88	41.7	9.0	13	8.27	12.7
M357002		2.13	<0.005	0.12	7.64	115.5	1230	1.40	0.19	2.16	1.08	40.5	10.6	14	8.99	12.6
M357003		6.40	<0.005	0.11	7.18	52.1	1140	1.37	0.11	2.80	0.49	39.8	8.9	14	10.20	11.1
M357004		5.53	<0.005	0.13	6.65	21.3	630	1.19	1.36	3.94	0.31	39.1	9.0	12	14.55	16.5
M357005		5.72	<0.005	0.12	6.91	7.3	1150	1.27	0.35	3.04	0.10	41.0	8.0	13	8.55	19.3
M357006		6.09	0.007	0.37	7.00	58.5	1110	1.34	0.19	3.30	3.43	38.2	8.8	11	8.92	15.5
M357007		0.22	0.825	9.28	6.53	1450	1270	1.59	6.29	1.94	40.6	46.7	16.4	19	17.15	109.0
M357008		5.59	<0.005	0.61	7.27	16.3	1180	1.33	0.30	3.17	1.87	42.3	10.3	13	8.35	48.9
M357009		2.56	<0.005	0.12	7.22	5.9	1280	1.30	0.10	3.11	0.10	41.3	9.2	13	6.14	11.6
M357010		3.89	<0.005	0.37	6.94	52.0	870	1.42	1.04	1.91	0.57	44.2	6.4	8	32.8	74.7
M357011		2.68	<0.005	0.38	6.17	43.2	3060	1.19	1.13	3.06	0.62	44.3	5.3	7	21.2	78.4
M357012		2.86	<0.005	0.01	0.14	<5	30	0.08	0.03	20.4	0.06	1.42	1.6	<1	0.77	5.6
M357013		5.96	<0.005	0.25	6.40	14.4	1330	1.20	0.57	2.62	0.52	37.8	6.0	9	13.20	37.7
M357014		2.67	0.005	0.74	5.98	22.6	970	1.03	0.75	2.22	7.11	42.8	5.4	8	16.55	72.9
M357015		3.50	<0.005	0.16	6.80	11.6	1040	1.22	0.21	1.76	0.92	42.0	8.3	9	14.25	12.8
M357016		3.15	<0.005	0.13	6.09	13.8	1150	1.28	0.25	3.22	0.73	36.1	6.8	8	17.15	12.5
M357017		1.54	<0.005	0.14	6.26	12.0	1100	1.22	0.23	3.03	0.79	40.9	6.9	7	15.95	10.8
M357018		4.76	<0.005	0.23	6.30	59.6	980	1.27	0.40	2.81	0.75	39.8	6.3	9	16.20	14.7
M357019		5.37	<0.005	0.22	6.42	28.5	1130	1.48	0.28	2.86	0.57	40.3	7.2	9	19.15	18.1
M357020		4.95	<0.005	0.22	6.95	19.7	1180	1.58	0.51	2.59	2.25	41.1	7.2	11	15.50	17.8
M357021		6.19	<0.005	0.26	6.87	21.8	1310	1.48	0.55	2.56	2.23	43.0	7.3	8	19.55	20.0
M357022		5.04	<0.005	0.18	7.11	2.9	1220	1.52	0.42	2.80	0.23	45.4	7.5	11	11.75	28.3
M357023		2.62	0.022	0.45	6.85	66.3	910	1.39	0.60	3.07	1.00	45.3	9.2	11	15.10	45.1
M357024		0.22	2.30	24.9	5.65	3350	1270	1.36	18.65	2.30	79.4	46.0	10.7	19	15.20	445
M357025		5.38	<0.005	0.21	7.08	5.9	1170	1.42	0.16	3.26	0.23	43.3	8.8	14	8.19	49.4
M357026		3.68	<0.005	0.16	6.91	3.5	1200	1.51	0.35	3.13	0.50	42.8	7.8	13	8.14	18.1
M357027		3.90	0.031	2.61	6.60	342	720	1.42	3.17	2.80	2.65	47.1	7.6	10	20.0	81.6
M357028		4.72	0.007	0.46	6.92	27.5	1250	1.51	0.99	3.22	0.26	38.8	7.8	12	20.3	111.5
M357029		<0.02	0.007	0.51	7.22	29.1	1320	1.42	1.13	3.39	0.25	40.8	8.1	12	21.2	113.5
M357030		2.97	<0.005	0.94	7.21	71.4	870	1.40	2.47	3.06	0.44	40.0	8.1	11	23.2	164.5
M357031		3.25	<0.005	0.41	7.06	3.5	1240	1.43	5.14	3.34	6.70	35.5	8.6	13	11.55	46.3
M357032		2.07	2.54	45.6	5.71	8220	200	1.22	10.35	2.29	333	33.8	6.5	8	18.85	418
M357033		3.18	<0.005	0.04	0.06	12	20	<0.05	0.03	21.9	0.37	0.98	1.4	<1	0.25	3.3
M357034		2.06	0.089	0.87	6.76	136.0	850	1.57	1.83	2.97	1.55	40.7	7.8	10	23.5	65.3
M357035		4.94	<0.005	0.37	6.91	10.5	1250	1.63	0.73	3.10	1.01	44.8	7.9	12	13.80	40.3
M357036		2.26	<0.005	0.41	6.41	9.6	1230	1.44	0.53	2.58	0.21	38.6	7.6	9	11.20	53.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12203770

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357001		3.15	16.45	0.13	0.8	0.028	2.14	21.4	15.4	0.88	875	3.11	2.18	9.0	4.8	540
M357002		3.22	17.15	0.13	0.7	0.031	2.09	20.7	18.7	0.87	1000	3.85	2.21	9.2	5.1	590
M357003		3.18	16.05	0.13	0.7	0.034	2.03	20.4	21.0	1.06	671	4.04	2.00	8.6	5.3	550
M357004		2.92	15.95	0.13	0.6	0.061	2.08	20.8	11.4	0.93	1140	30.4	1.59	7.7	4.2	470
M357005		2.95	16.15	0.12	0.7	0.039	2.12	20.3	15.1	0.95	696	34.1	2.10	8.3	4.3	520
M357006		3.24	16.20	0.12	0.6	0.044	2.16	19.1	15.7	1.03	828	17.90	1.64	8.2	4.7	540
M357007		5.27	15.40	0.16	1.4	0.929	2.87	24.4	27.6	0.71	2040	12.60	0.26	7.9	15.7	490
M357008		3.49	16.45	0.11	0.6	0.038	2.18	20.7	14.1	1.00	744	12.50	1.98	8.5	5.3	540
M357009		3.01	16.30	0.12	0.6	0.030	2.10	20.6	13.7	1.00	653	12.45	2.24	8.3	4.5	510
M357010		2.10	15.55	0.10	1.1	0.098	2.43	23.0	36.7	0.39	683	32.2	0.31	8.5	3.1	420
M357011		2.31	13.40	0.11	0.9	0.115	2.45	25.1	41.6	0.67	819	135.5	0.09	7.4	2.8	360
M357012		0.49	0.51	0.07	<0.1	<0.005	0.06	0.7	1.7	12.55	213	0.45	0.01	0.4	3.6	180
M357013		2.20	15.40	0.10	1.1	0.075	2.45	19.4	14.0	0.46	824	28.9	1.26	8.3	2.9	380
M357014		2.14	13.40	0.13	1.0	0.088	2.78	22.6	14.7	0.38	1140	178.5	0.63	7.5	2.7	340
M357015		2.16	15.70	0.10	1.0	0.039	2.62	21.7	17.2	0.29	660	16.05	0.81	9.0	3.1	400
M357016		2.28	14.90	0.10	1.0	0.043	2.39	18.2	24.4	0.39	600	3.45	1.17	8.3	3.3	370
M357017		2.20	15.00	0.10	0.9	0.045	2.35	20.9	27.4	0.40	608	3.67	1.17	8.4	3.1	380
M357018		2.28	14.65	0.11	0.9	0.049	2.47	20.7	20.3	0.52	756	2.86	1.06	8.4	3.0	370
M357019		2.22	14.55	0.12	1.0	0.031	2.51	21.0	14.9	0.55	913	3.31	0.91	8.6	3.2	370
M357020		2.56	15.65	0.10	1.0	0.079	2.72	21.4	13.6	0.39	809	4.72	1.82	9.8	3.3	410
M357021		2.52	14.90	0.10	1.0	0.090	2.60	22.5	30.7	0.70	756	2.12	0.80	8.9	3.3	410
M357022		2.52	15.60	0.10	1.0	0.030	2.57	24.1	9.3	0.72	508	1.16	2.26	9.1	3.4	410
M357023		3.63	14.60	0.12	0.7	0.104	2.71	25.2	16.7	0.94	1540	1.47	0.90	7.5	3.6	410
M357024		6.58	14.15	0.15	1.0	1.740	2.75	25.6	24.0	0.93	1920	13.75	0.04	6.2	15.1	430
M357025		3.08	16.15	0.10	0.8	0.030	2.24	21.8	11.0	0.95	724	1.15	2.29	8.7	4.3	510
M357026		2.98	16.25	0.11	0.8	0.045	2.17	21.4	13.7	0.92	766	1.60	2.22	8.5	4.2	490
M357027		2.76	15.05	0.10	0.8	0.050	2.76	24.9	20.2	0.74	2420	9.51	0.52	8.0	3.6	470
M357028		3.06	15.85	0.10	0.8	0.057	2.18	18.4	28.0	0.85	936	2.67	1.38	8.3	4.0	500
M357029		3.15	16.30	0.10	0.8	0.059	2.23	19.5	28.8	0.89	992	3.96	1.40	8.7	4.0	540
M357030		3.11	15.45	0.11	0.8	0.087	2.39	20.3	39.0	1.01	1400	0.83	0.66	7.9	3.8	500
M357031		3.20	16.15	0.11	0.8	0.195	2.15	16.3	8.9	1.00	971	0.96	2.14	9.0	4.2	530
M357032		5.91	12.10	0.12	0.7	3.96	2.35	17.2	28.4	0.87	1810	5.81	0.06	6.8	3.0	360
M357033		0.52	0.22	<0.05	<0.1	0.007	0.03	0.5	1.2	13.15	225	0.20	0.01	0.3	1.8	170
M357034		2.72	16.40	0.10	0.9	0.076	2.43	20.8	57.1	0.93	1230	1.46	0.55	8.6	3.6	450
M357035		2.67	16.25	0.10	1.0	0.080	2.52	23.7	14.4	0.82	967	1.54	1.83	8.8	3.6	420
M357036		2.27	15.10	0.09	1.0	0.027	2.58	18.8	28.4	0.48	705	2.28	0.57	9.0	3.1	400

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12203770

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357001		11.6	80.3	<0.002	0.04	2.61	12.5	1	1.9	355	0.70	0.21	10.1	0.299	0.91	1.9
M357002		10.8	82.1	<0.002	0.01	5.23	13.2	1	1.8	363	0.72	0.06	9.6	0.316	0.79	1.4
M357003		11.8	66.0	<0.002	0.01	2.06	12.6	1	1.6	353	0.69	<0.05	9.0	0.302	0.69	1.2
M357004		11.3	112.0	0.006	0.02	3.17	11.1	1	1.7	200	0.60	0.09	8.4	0.259	1.12	2.1
M357005		12.3	67.7	0.009	0.09	1.83	11.8	1	1.8	353	0.63	<0.05	9.4	0.284	0.72	1.2
M357006		74.7	67.2	0.003	0.14	5.25	12.0	2	1.8	306	0.61	0.06	8.9	0.300	0.87	1.4
M357007		1395	158.0	0.002	3.12	34.5	10.2	2	6.3	150.0	0.61	0.33	11.1	0.215	2.56	5.1
M357008		173.5	75.6	0.002	0.32	2.40	13.1	2	2.1	353	0.66	0.05	8.9	0.309	0.85	1.6
M357009		12.4	67.1	0.002	0.07	0.97	12.0	1	1.4	380	0.63	<0.05	9.2	0.289	0.59	1.8
M357010		42.3	106.5	<0.002	0.05	20.5	9.5	1	2.1	125.0	0.77	0.05	13.7	0.239	1.49	2.7
M357011		26.7	121.0	0.006	0.14	28.6	8.3	1	1.6	107.5	0.67	0.09	11.9	0.202	1.72	2.4
M357012		1.5	3.9	<0.002	<0.01	0.12	0.5	1	<0.2	37.2	<0.05	<0.05	0.2	0.008	0.03	0.8
M357013		20.4	117.0	<0.002	0.04	9.27	8.5	1	1.6	182.0	0.79	<0.05	11.6	0.204	1.39	1.9
M357014		172.5	141.0	0.003	0.09	14.55	7.7	1	1.2	116.5	0.72	0.05	12.6	0.191	1.78	2.0
M357015		15.7	120.5	<0.002	0.01	8.66	9.2	1	1.3	132.5	0.84	<0.05	13.3	0.229	1.41	1.5
M357016		23.8	96.4	<0.002	0.03	6.43	8.4	1	1.4	211	0.75	<0.05	11.2	0.214	1.26	2.0
M357017		23.1	100.5	<0.002	0.03	6.21	8.7	1	1.2	210	0.76	<0.05	11.5	0.214	1.18	2.2
M357018		26.9	114.0	<0.002	0.10	9.28	8.7	1	1.1	184.0	0.74	<0.05	12.2	0.210	1.43	2.7
M357019		28.5	115.0	<0.002	0.13	9.68	8.5	1	1.8	178.0	0.84	<0.05	13.1	0.208	1.61	3.0
M357020		37.7	116.0	<0.002	0.04	4.48	8.7	2	1.3	256	0.94	<0.05	13.7	0.248	1.14	2.3
M357021		35.5	91.3	<0.002	0.12	8.42	8.5	1	1.9	171.0	0.84	<0.05	14.3	0.236	1.17	2.7
M357022		20.6	94.1	<0.002	0.05	1.33	8.8	1	1.5	327	0.84	<0.05	14.6	0.238	0.81	2.5
M357023		52.7	126.5	<0.002	0.68	8.55	8.9	1	1.7	192.0	0.64	<0.05	12.2	0.242	1.50	5.7
M357024		2770	163.5	<0.002	4.73	93.1	8.1	2	8.1	89.1	0.48	0.37	10.8	0.188	2.13	5.4
M357025		19.1	76.5	<0.002	0.20	2.96	10.6	1	1.4	358	0.80	<0.05	12.0	0.284	0.68	3.2
M357026		33.7	71.5	<0.002	0.06	1.21	10.7	1	1.5	355	0.78	<0.05	11.7	0.284	0.65	2.7
M357027		141.0	132.5	<0.002	0.36	22.6	10.1	1	1.4	128.5	0.70	0.66	12.6	0.261	1.75	5.7
M357028		23.2	79.9	<0.002	0.15	13.15	10.4	1	1.4	278	0.76	0.05	10.8	0.284	1.11	3.0
M357029		23.8	86.4	<0.002	0.16	11.25	11.0	1	1.5	285	0.76	0.09	11.2	0.300	1.11	3.2
M357030		37.0	114.0	<0.002	0.19	13.50	10.6	1	1.4	170.5	0.71	0.10	11.8	0.276	1.65	3.2
M357031		28.3	74.5	<0.002	0.04	2.17	10.4	1	1.3	368	0.77	0.20	10.8	0.295	0.81	2.8
M357032		>10000	116.5	<0.002	5.51	71.9	7.3	3	1.4	72.8	0.61	0.11	10.7	0.196	1.81	5.2
M357033		14.2	1.8	<0.002	0.01	0.09	0.5	1	<0.2	38.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357034		63.1	96.2	<0.002	0.26	21.3	10.2	1	1.3	162.5	0.77	0.07	12.0	0.259	1.49	3.5
M357035		79.1	106.0	<0.002	0.10	9.33	9.4	1	1.9	299	0.79	0.05	13.2	0.246	1.02	3.7
M357036		26.4	93.6	<0.002	0.11	9.23	7.7	1	2.4	147.0	0.83	<0.05	12.8	0.234	0.99	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12203770

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M357001		91	4.0	15.0	130	15.8	<1		
M357002		96	5.1	13.4	238	12.9	<1		
M357003		91	6.3	12.4	82	12.8	<1		
M357004		84	12.9	12.5	82	12.7	<1		
M357005		86	9.7	12.1	59	12.7	<1		
M357006		91	14.0	12.3	390	12.6	<1		
M357007		58	5.3	11.6	3030	39.6	10		
M357008		98	18.5	13.7	230	14.3	1		
M357009		88	15.8	13.6	49	11.5	<1		
M357010		70	20.8	11.4	107	25.9	<1		
M357011		62	15.8	11.0	102	21.2	<1		
M357012		4	0.2	0.8	14	<0.5	<1		
M357013		60	7.6	11.3	99	25.1	<1		
M357014		53	5.6	11.8	510	24.8	<1		
M357015		66	5.6	10.3	171	22.8	<1		
M357016		62	2.3	10.2	67	22.1	<1		
M357017		61	2.5	10.9	68	21.4	<1		
M357018		60	1.9	10.7	76	21.4	<1		
M357019		60	1.9	11.2	74	22.3	<1		
M357020		71	1.7	10.8	139	23.0	<1		
M357021		68	5.0	11.3	129	22.6	<1		
M357022		68	0.7	12.1	46	23.1	<1		
M357023		71	2.9	10.8	138	16.3	<1		
M357024		57	5.2	9.7	5370	25.8	27		
M357025		88	3.1	14.1	56	16.0	<1		
M357026		87	3.3	13.9	75	15.9	<1		
M357027		80	4.0	12.0	208	17.3	2		
M357028		87	2.6	12.3	84	17.8	<1		
M357029		92	2.7	13.1	89	18.1	<1		
M357030		83	3.9	13.2	121	18.3	<1		
M357031		89	1.2	13.5	276	17.8	<1		
M357032		59	4.3	9.8	>10000	14.4	49	1.735	3.45
M357033		3	0.2	0.7	41	<0.5	<1		
M357034		75	3.8	13.0	162	20.0	<1		
M357035		70	2.7	12.8	94	23.5	<1		
M357036		66	5.5	9.5	50	25.8	1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12203770

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203771

Project: Klaza - 121

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

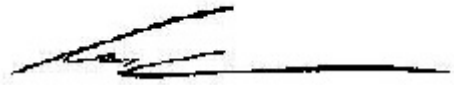
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 121

CERTIFICATE OF ANALYSIS WH12203771

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810856		2.85	0.189	1.27	7.47	46.1	1160	1.56	3.98	1.51	1.96	61.3	6.9	8	14.25	80.6
N810857		3.43	0.278	1.74	7.07	134.0	300	1.30	6.06	0.85	6.74	62.8	11.7	9	10.50	194.5
N810858		4.14	0.596	15.20	6.46	170.5	920	1.14	36.1	1.23	27.0	55.9	8.6	7	8.56	136.0
N810859		7.07	0.100	0.87	7.26	51.8	590	1.58	2.43	1.75	6.42	53.3	8.7	11	15.70	80.5
N810860		4.64	0.115	0.54	6.87	27.7	1170	1.49	1.93	2.47	0.74	47.1	5.1	10	15.45	85.2
N810861		2.85	0.109	0.77	7.17	47.2	460	1.35	2.00	1.93	1.78	42.4	10.4	9	13.00	69.1
N810862		4.45	0.081	0.31	7.69	13.9	1760	1.51	0.86	2.38	0.74	50.4	9.9	12	14.05	56.9
N810863		6.11	0.103	0.48	7.81	23.6	2200	1.53	1.02	2.16	0.43	56.5	7.4	11	12.45	70.7
N810864		<0.02	0.142	0.50	7.65	32.2	1930	1.45	1.12	2.16	0.39	57.1	7.5	11	12.15	83.8
N810865		2.67	0.270	2.05	7.17	188.0	460	1.52	3.40	2.54	6.75	51.7	6.8	13	18.55	151.0
N810866		5.85	0.086	0.44	7.76	16.0	2120	1.60	0.73	2.47	1.06	59.1	7.5	10	13.90	47.4
N810867		0.22	2.24	27.1	6.43	3610	1770	1.32	20.2	2.21	80.1	50.0	11.3	20	15.90	482
N810868		3.39	0.108	0.84	7.65	73.8	960	1.52	1.45	2.05	8.17	54.0	7.5	11	16.90	97.8
N810869		3.79	0.069	0.52	6.90	36.9	1060	1.80	1.14	2.77	0.75	48.7	11.4	10	18.15	44.0
N810870		1.92	0.071	0.48	7.09	36.4	1120	1.52	1.10	2.84	0.75	48.4	10.3	9	17.10	33.1
N810871		2.85	0.538	7.96	5.51	279	410	1.17	21.7	0.80	3.61	42.8	12.3	12	12.90	485
N810872		1.40	<0.005	0.16	7.24	21.5	1570	1.76	0.33	2.11	0.13	58.7	6.0	30	53.7	75.0
N810873		3.10	0.309	3.78	7.61	339	950	1.51	9.79	2.02	0.68	62.1	5.9	8	16.70	686
N810874		2.95	<0.005	0.01	0.06	<5	30	<0.05	0.03	18.55	0.07	1.24	1.3	<1	0.17	2.7
N810875		3.36	1.285	5.02	7.46	312	1180	1.16	12.20	1.63	2.28	50.1	10.2	8	16.95	923
N810876		6.38	0.058	0.44	7.86	65.6	2070	1.26	0.85	1.41	0.40	54.0	7.2	10	18.40	33.7
N810877		6.67	0.429	1.71	7.93	627	1880	1.33	3.84	1.05	3.12	57.6	7.8	10	16.30	115.5
N810878		3.56	0.711	25.1	6.52	524	850	1.21	98.4	1.11	8.98	48.5	13.6	10	15.35	1355
N810879		3.21	<0.005	0.07	0.08	<5	30	0.06	0.19	19.00	0.08	1.46	1.2	<1	0.23	5.1
N810880		3.53	0.089	2.42	6.66	69.2	790	1.33	5.93	2.60	3.69	44.6	12.3	7	13.50	87.6
N810881		8.40	0.165	0.80	7.32	31.8	2130	1.33	2.49	2.04	2.18	46.4	8.6	11	12.00	56.0
N810882		3.09	0.061	1.15	6.85	66.9	1900	1.37	2.29	3.71	1.47	50.0	10.8	9	15.60	47.0
N810883		2.24	0.010	0.37	8.04	15.1	2540	1.42	0.69	2.28	0.84	49.5	7.1	10	12.20	4.9
N810884		2.88	0.049	1.12	7.43	42.2	1570	1.52	1.27	2.29	5.44	55.1	10.9	10	13.65	15.8
N810885		3.00	0.157	0.73	7.24	24.8	1790	1.60	1.03	2.42	3.88	49.6	8.9	9	12.85	34.0
N810886		4.29	0.042	0.66	7.05	20.8	1950	1.50	1.01	2.10	2.90	52.5	5.9	10	12.20	62.0
N810887		0.22	2.30	26.0	5.93	3480	1620	1.24	19.40	2.11	76.9	47.3	10.8	19	15.15	455
N810888		4.29	0.041	2.00	8.08	39.3	2020	1.66	3.50	1.58	2.80	59.4	6.3	10	14.15	115.0
N810889		3.62	0.256	4.91	8.11	364	1110	1.52	12.45	1.03	7.80	65.1	5.3	10	16.85	351
N810890		3.98	0.112	1.95	7.49	66.1	1660	1.60	5.27	1.61	3.05	53.0	13.6	9	15.05	196.0
N810891		2.42	0.575	6.59	6.93	290	120	1.39	12.55	1.34	2.02	49.1	9.0	9	13.90	618

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 121

CERTIFICATE OF ANALYSIS WH12203771

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810856		3.99	16.45	0.17	1.3	0.365	2.95	31.7	13.4	0.74	830	0.76	0.25	5.5	2.8	570
N810857		4.91	17.50	0.21	1.2	0.236	3.25	30.5	8.1	0.59	764	1.73	0.07	4.3	3.4	550
N810858		6.76	15.45	0.24	1.0	0.285	2.89	27.3	9.7	0.74	1130	16.15	0.05	3.6	3.0	500
N810859		3.25	16.60	0.17	1.1	0.167	2.58	25.1	9.3	0.69	687	1.58	0.76	5.1	2.6	560
N810860		2.84	15.50	0.14	1.2	0.106	2.19	21.6	9.2	0.58	368	1.48	1.21	5.8	2.4	550
N810861		3.27	15.85	0.16	1.3	0.139	2.79	19.3	8.0	0.80	630	1.84	0.54	4.9	2.3	540
N810862		2.97	16.50	0.17	1.2	0.055	2.10	24.2	12.2	0.80	352	1.98	1.94	6.8	2.8	600
N810863		2.88	16.85	0.15	1.2	0.047	2.14	26.9	13.6	0.84	279	0.84	2.25	6.6	2.6	630
N810864		2.93	16.30	0.15	1.2	0.051	2.12	27.8	13.3	0.82	278	0.76	2.13	6.5	2.7	600
N810865		4.13	15.55	0.17	1.1	0.212	2.99	24.8	12.1	0.93	1470	0.91	0.32	6.5	2.8	560
N810866		2.72	17.00	0.17	1.2	0.068	2.19	27.8	13.1	0.76	332	1.16	2.07	7.3	2.5	630
N810867		6.82	14.70	0.21	1.0	1.775	2.63	25.6	23.7	0.97	2050	13.30	0.04	6.3	16.2	490
N810868		2.98	16.25	0.17	1.1	0.145	2.94	26.6	8.5	0.93	798	1.87	0.53	5.2	2.3	560
N810869		2.54	16.30	0.16	1.2	0.140	2.56	22.4	8.4	0.64	566	1.10	0.96	6.2	2.6	600
N810870		2.66	15.80	0.16	1.3	0.140	2.72	22.3	7.9	0.65	593	0.84	0.98	6.1	2.6	580
N810871		5.59	13.10	0.19	1.3	0.404	2.34	21.9	8.4	0.49	552	6.37	0.05	3.7	5.7	400
N810872		2.08	18.85	0.15	4.1	0.022	2.26	28.3	27.8	0.84	623	1.35	0.06	9.1	15.9	680
N810873		4.07	16.60	0.20	1.3	0.530	3.09	31.9	18.0	0.86	854	3.98	0.04	7.5	3.0	590
N810874		0.45	0.26	0.09	<0.1	<0.005	0.02	0.6	0.8	12.05	207	0.18	0.01	0.2	2.1	160
N810875		3.49	17.20	0.16	1.3	0.274	2.14	24.4	32.4	0.71	610	3.15	0.04	7.9	2.6	580
N810876		2.92	16.35	0.17	1.2	0.111	1.57	26.3	59.6	0.57	622	5.20	0.03	8.0	2.9	670
N810877		3.44	17.00	0.18	1.5	0.305	2.56	29.0	41.6	0.49	567	1.50	0.07	8.4	2.4	670
N810878		6.54	16.35	0.23	1.0	1.010	2.61	24.2	14.7	0.43	992	2.17	0.03	6.1	2.4	470
N810879		0.48	0.29	0.08	<0.1	0.006	0.03	0.7	1.1	12.45	225	0.14	<0.01	0.3	1.7	180
N810880		3.24	15.85	0.14	1.1	0.332	2.90	19.1	9.9	0.70	1000	0.82	0.36	7.1	2.0	560
N810881		2.99	16.50	0.16	1.2	0.229	2.67	21.7	12.0	0.72	406	0.71	1.54	7.8	2.3	590
N810882		3.51	15.45	0.19	1.1	0.201	2.54	24.1	21.4	0.74	948	0.88	1.13	7.2	2.9	580
N810883		3.08	16.30	0.16	1.3	0.125	2.90	23.8	16.4	0.84	485	1.75	1.87	8.3	2.6	680
N810884		3.62	15.30	0.18	1.1	0.501	2.60	28.6	14.5	0.83	583	0.86	1.25	7.4	2.9	580
N810885		2.91	16.40	0.17	1.2	0.345	2.57	24.1	14.4	0.80	441	1.18	1.94	8.1	2.6	610
N810886		2.75	15.15	0.17	1.2	0.323	2.83	26.1	15.0	0.71	457	0.97	1.54	7.5	2.5	530
N810887		6.31	13.70	0.21	1.0	1.675	2.53	24.2	23.0	0.90	1960	12.95	0.04	6.1	15.5	450
N810888		4.42	16.30	0.19	1.2	0.237	3.56	31.1	18.0	0.82	909	0.97	0.45	7.6	2.5	620
N810889		5.08	16.50	0.21	1.2	0.518	3.47	33.9	16.6	0.65	863	3.07	0.11	7.2	2.7	640
N810890		3.51	16.85	0.14	1.1	0.544	3.64	28.9	17.7	0.69	801	1.63	0.07	7.9	2.9	570
N810891		6.71	16.20	0.18	1.0	0.466	3.03	26.0	9.9	0.66	764	1.16	0.04	7.2	2.3	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 121

CERTIFICATE OF ANALYSIS WH12203771

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810856		78.2	165.5	<0.002	2.20	13.35	10.4	2	6.4	59.5	0.50	0.16	14.1	0.183	2.78	4.6
N810857		76.1	166.5	<0.002	4.45	17.45	9.9	3	8.4	27.3	0.38	0.67	12.8	0.143	2.85	3.5
N810858		1025	148.5	0.002	6.75	23.0	8.8	3	9.0	30.3	0.32	0.85	11.2	0.128	2.47	3.9
N810859		113.0	132.0	<0.002	2.44	8.07	9.9	2	6.6	147.5	0.44	0.39	12.4	0.165	2.37	4.3
N810860		35.8	103.0	<0.002	1.90	2.87	9.3	2	5.1	1060	0.52	0.20	11.1	0.187	1.78	3.8
N810861		58.4	149.0	<0.002	2.80	3.80	8.9	2	6.8	154.5	0.47	0.23	12.8	0.153	2.18	4.0
N810862		22.5	92.2	<0.002	1.56	1.74	10.3	2	4.2	713	0.57	0.17	12.3	0.227	1.53	4.2
N810863		21.7	94.1	<0.002	1.39	1.94	10.7	2	3.8	1130	0.55	0.19	13.4	0.219	1.45	4.2
N810864		24.2	98.5	<0.002	1.48	2.01	10.5	2	3.7	1050	0.54	0.14	13.5	0.214	1.46	4.3
N810865		285	165.5	<0.002	3.37	23.1	10.4	2	5.2	203	0.53	0.30	12.0	0.215	2.71	3.8
N810866		39.7	94.0	<0.002	1.21	2.25	10.9	2	4.0	1425	0.61	0.17	13.0	0.230	1.56	4.1
N810867		3030	156.5	0.002	4.95	92.1	8.1	2	8.1	96.9	0.51	0.37	10.7	0.188	2.24	5.4
N810868		198.5	165.0	<0.002	2.43	5.38	9.7	2	5.6	144.5	0.46	0.26	13.1	0.176	2.75	4.6
N810869		38.2	109.5	<0.002	1.80	3.46	9.9	2	4.2	272	0.53	0.16	10.7	0.206	2.26	3.9
N810870		39.4	108.0	<0.002	1.93	2.94	9.4	2	4.0	274	0.53	0.15	10.9	0.209	2.33	3.8
N810871		144.5	124.5	0.002	5.70	19.90	6.8	3	6.7	51.0	0.34	0.54	9.5	0.118	1.62	3.9
N810872		20.0	85.0	<0.002	0.09	9.89	5.9	1	9.4	247	0.77	<0.05	10.3	0.256	1.52	6.1
N810873		50.2	186.0	<0.002	2.49	100.5	10.6	2	4.3	81.6	0.64	0.17	15.7	0.235	2.45	5.0
N810874		1.4	1.3	<0.002	<0.01	0.18	0.3	2	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N810875		107.0	98.7	<0.002	1.74	117.5	10.5	2	4.9	87.7	0.63	0.24	11.9	0.234	1.67	4.4
N810876		44.6	64.4	<0.002	0.74	32.4	10.3	1	2.6	204	0.67	0.08	12.8	0.247	1.55	6.2
N810877		107.0	125.0	<0.002	1.32	29.1	11.3	1	3.6	116.5	0.72	0.16	14.3	0.254	1.52	4.6
N810878		546	138.5	<0.002	6.72	25.6	9.1	2	13.0	55.7	0.50	0.57	10.1	0.203	2.24	3.3
N810879		2.6	1.7	<0.002	0.02	0.16	0.2	2	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810880		157.0	124.5	<0.002	2.21	6.33	9.0	2	4.4	129.5	0.59	0.72	10.3	0.219	2.59	3.0
N810881		62.1	99.7	<0.002	1.24	3.77	9.9	2	3.8	258	0.66	0.58	10.9	0.238	1.63	3.0
N810882		74.0	89.9	<0.002	1.59	5.53	9.2	2	3.5	235	0.59	0.19	9.9	0.231	1.81	4.9
N810883		48.6	98.7	<0.002	0.60	2.05	11.0	1	3.2	317	0.70	0.17	11.9	0.271	1.56	3.9
N810884		172.5	101.5	<0.002	1.93	3.57	9.6	2	4.0	220	0.61	0.19	11.4	0.244	1.89	4.3
N810885		94.6	97.9	<0.002	0.96	2.66	10.8	2	3.5	311	0.65	0.22	11.4	0.254	1.57	4.4
N810886		49.6	114.0	<0.002	0.61	3.79	9.9	2	2.8	247	0.64	0.12	12.4	0.235	1.64	4.3
N810887		2810	149.0	<0.002	4.62	88.7	7.9	2	7.6	91.6	0.47	0.37	10.3	0.178	2.19	5.3
N810888		115.5	152.0	<0.002	1.14	5.54	10.5	2	5.3	135.5	0.63	0.20	14.2	0.245	2.47	5.1
N810889		355	181.0	<0.002	3.39	6.72	10.1	2	7.2	73.5	0.57	0.41	13.3	0.237	2.68	4.7
N810890		61.3	179.0	<0.002	1.51	6.72	10.7	1	5.2	93.4	0.56	0.32	13.6	0.228	2.61	3.7
N810891		104.5	154.5	<0.002	6.54	26.3	9.1	8	13.9	57.8	0.53	2.58	11.6	0.205	2.48	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 121

CERTIFICATE OF ANALYSIS WH12203771

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N810856		65	3.4	13.6	232	35.2	1
N810857		64	4.4	13.2	236	33.6	2
N810858		59	5.4	11.1	2380	28.9	15
N810859		62	3.0	14.7	460	31.2	1
N810860		63	3.2	13.9	98	33.4	<1
N810861		55	4.0	14.0	160	33.8	1
N810862		73	3.5	14.6	105	35.7	1
N810863		71	3.3	14.9	70	34.1	<1
N810864		69	3.2	15.2	70	33.6	<1
N810865		68	5.9	14.4	547	31.4	2
N810866		73	2.2	16.0	116	34.2	<1
N810867		62	5.3	10.2	5780	27.2	25
N810868		64	3.1	14.2	709	30.7	1
N810869		69	2.9	13.6	112	34.9	<1
N810870		70	2.8	13.3	113	34.9	<1
N810871		74	5.7	8.6	378	39.4	8
N810872		51	2.5	12.7	122	147.5	<1
N810873		73	6.6	15.3	125	36.6	4
N810874		2	0.1	0.8	15	<0.5	<1
N810875		70	5.0	15.1	259	34.7	5
N810876		73	5.0	14.6	76	34.9	<1
N810877		74	5.8	15.2	279	40.6	1
N810878		64	8.7	11.1	789	27.6	24
N810879		2	0.1	0.9	19	<0.5	<1
N810880		67	2.3	14.3	386	30.1	2
N810881		70	1.7	13.3	225	34.7	1
N810882		68	2.3	18.0	157	30.8	1
N810883		81	2.2	14.3	115	34.4	<1
N810884		70	2.3	13.4	479	29.7	1
N810885		76	2.1	14.5	297	33.6	1
N810886		62	2.6	15.0	243	32.9	1
N810887		58	5.1	10.1	5480	27.0	25
N810888		74	5.3	15.2	372	33.0	2
N810889		72	9.1	12.9	834	33.7	5
N810890		66	4.8	15.1	262	35.7	2
N810891		61	9.3	13.8	166	31.1	6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-SEP-2012
Account: ROCKHA

Project: Klaza - 121

CERTIFICATE OF ANALYSIS WH12203771

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

CERTIFICATE WH12203772

Project: Klaza-121

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

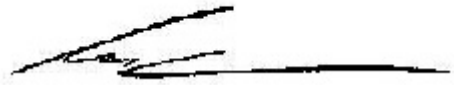
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12203772

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812970		4.94	0.205	1.26	7.41	37.6	4230	1.77	0.55	1.22	1.96	55.7	5.3	9	13.10	72.5
N812971		6.41	0.095	0.83	8.13	36.6	1520	1.43	0.61	0.20	2.18	46.7	6.8	8	17.50	114.0
N812972		6.28	0.101	1.45	7.48	114.5	1410	1.45	2.00	0.20	0.63	53.2	3.0	7	18.50	82.0
N812973		6.34	0.114	2.20	7.47	155.5	880	1.57	3.62	0.06	0.79	66.3	3.4	8	18.90	82.9
N812974		3.74	0.068	0.97	7.35	59.2	510	1.84	1.26	1.66	10.20	56.0	10.2	7	23.0	86.9
N812975		5.98	0.061	0.77	7.39	37.2	2140	1.67	0.92	1.62	3.65	53.0	7.8	9	17.95	79.8
N812976		5.28	0.072	0.84	7.42	34.7	2070	1.63	0.91	1.85	4.96	52.3	8.5	9	20.9	55.2
N812977		5.78	0.049	1.05	8.05	28.9	1860	1.77	1.16	1.10	3.76	63.8	10.2	9	16.30	109.5
N812978		0.28	2.06	24.1	5.42	3100	340	1.35	17.85	2.14	76.0	41.6	9.9	19	14.25	419
N812979		6.96	0.076	0.99	7.39	49.6	1110	1.80	1.51	1.91	3.73	54.3	7.4	10	14.45	82.9
N812980		4.03	0.027	0.40	7.05	34.6	2250	1.72	0.75	1.85	1.89	55.7	8.6	10	12.70	37.5
N812981		1.67	0.030	0.45	7.24	25.9	2230	1.86	0.65	1.87	2.01	57.0	8.9	10	12.65	39.8
N812982		5.10	0.260	6.94	7.46	130.0	920	2.02	28.9	0.33	10.60	69.2	6.7	10	17.90	243
N812983		3.34	0.087	1.17	6.73	76.0	1170	1.83	1.87	2.44	12.80	47.3	8.1	8	18.70	199.0
N812984		7.35	0.086	0.98	7.12	33.1	1360	1.78	2.23	2.28	1.51	55.3	7.5	9	14.05	96.2
N812985		3.84	0.096	0.55	7.19	25.7	450	1.74	2.53	1.69	1.34	51.4	10.9	10	11.50	81.0
N812986		8.18	0.282	0.50	7.31	24.8	2270	1.76	1.08	1.79	1.05	56.1	8.3	9	11.40	112.0
N812987		0.26	4.58	>100	5.11	7630	210	1.17	59.9	1.98	214	33.4	8.9	19	12.05	1275
N812988		8.52	0.098	0.77	7.03	37.9	620	1.75	1.68	2.18	1.43	53.8	8.4	10	12.50	48.6
N812989		3.88	0.202	1.14	6.81	164.5	70	1.14	5.36	0.70	2.59	30.0	10.1	10	7.35	97.8
N812990		4.90	0.131	0.96	6.99	67.3	220	1.28	3.69	0.85	2.62	42.3	9.2	9	9.38	139.5
N812991		4.06	0.128	0.94	7.56	81.2	830	1.56	2.37	1.23	4.83	52.6	7.2	10	14.80	169.5
N812992		5.85	0.267	1.07	7.42	106.0	690	1.36	2.58	0.88	3.29	46.5	5.4	8	14.50	77.8
N812993		4.96	0.082	0.91	6.77	87.8	490	1.63	1.73	0.21	7.18	25.9	6.6	8	15.15	252
N812994		2.73	0.075	1.40	7.38	87.0	760	2.02	2.63	0.35	8.91	51.1	9.8	6	19.05	188.5
N812995		2.07	<0.005	0.02	0.07	<5	20	0.07	0.03	22.3	0.09	0.98	1.5	<1	0.17	2.4
N812996		2.64	0.215	0.74	7.83	96.0	930	1.74	2.16	1.39	5.55	62.2	9.8	8	18.25	102.0
N812997		6.86	0.160	1.18	7.23	90.6	470	1.55	2.80	2.18	2.89	52.0	9.7	9	12.15	29.1
N812998		2.90	0.050	0.88	7.53	36.2	410	1.64	1.53	1.74	3.20	55.6	17.6	8	13.95	116.0
N812999		5.35	0.109	0.60	7.32	48.5	1020	1.48	1.47	1.83	2.24	54.7	8.3	8	14.20	52.3
N813000		<0.02	0.102	0.57	7.62	49.5	950	1.62	1.32	1.92	2.28	54.6	8.7	9	14.25	54.9
N810851		3.11	0.120	1.07	6.86	87.9	430	1.45	2.06	1.44	6.31	52.0	9.9	7	12.50	38.1
N810852		3.58	0.160	1.38	6.27	94.7	340	1.32	2.08	3.53	5.27	47.9	7.7	6	16.65	62.7
N810853		3.42	<0.005	0.01	0.06	<5	30	0.05	0.03	21.7	0.07	1.15	1.6	<1	0.18	2.4
N810854		7.33	0.079	1.45	7.04	70.3	300	1.41	3.01	1.41	5.43	55.2	9.2	8	11.60	46.8
N810855		2.65	0.314	1.17	6.91	116.5	100	1.43	3.44	1.72	2.73	52.5	11.1	8	11.75	160.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12203772

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812970		3.23	16.65	0.11	1.3	0.070	2.57	30.8	18.2	0.78	338	1.01	2.41	8.0	2.8	590
N812971		3.58	17.60	0.11	1.4	0.106	2.75	24.6	29.2	0.25	214	0.89	0.08	8.3	4.2	630
N812972		4.25	17.65	0.13	1.3	0.277	3.13	28.2	14.2	0.28	103	1.90	0.52	5.2	1.6	660
N812973		4.92	18.45	0.16	1.3	0.584	3.54	35.8	12.3	0.34	183	1.70	0.06	5.5	1.5	510
N812974		3.50	16.40	0.13	1.3	0.096	3.41	28.7	12.6	0.78	1120	1.04	0.05	6.2	3.0	580
N812975		3.28	16.90	0.12	1.3	0.085	2.90	28.0	17.2	0.55	408	1.27	1.11	7.0	2.6	570
N812976		3.23	16.50	0.11	1.4	0.103	2.98	27.0	21.4	0.67	589	1.56	0.46	7.2	2.7	580
N812977		3.82	17.65	0.14	1.4	0.078	2.97	34.4	17.6	0.56	465	4.37	0.87	7.1	2.9	640
N812978		6.35	12.95	0.14	0.9	1.635	2.53	22.5	23.7	0.89	1800	13.05	0.04	5.6	13.8	420
N812979		3.57	16.80	0.13	1.2	0.187	3.21	28.6	12.7	0.76	537	1.49	1.45	6.7	2.7	570
N812980		3.54	15.75	0.12	1.3	0.113	2.59	30.2	12.0	0.77	361	1.92	1.80	7.5	2.8	570
N812981		3.61	16.50	0.12	1.3	0.116	2.77	30.4	12.6	0.79	390	1.58	1.87	7.6	2.9	580
N812982		3.99	17.75	0.15	1.4	1.755	3.32	38.4	18.2	0.33	452	5.28	0.05	7.1	2.5	490
N812983		3.27	16.50	0.13	1.2	0.294	3.09	23.8	9.1	0.66	889	4.85	0.35	6.0	2.2	520
N812984		3.55	16.90	0.12	1.3	0.187	2.87	29.3	10.7	0.79	406	1.71	1.62	7.3	2.6	570
N812985		4.04	16.35	0.13	1.2	0.079	2.74	27.4	14.3	0.85	296	0.92	1.92	6.6	3.1	550
N812986		3.18	16.35	0.12	1.3	0.121	2.59	30.9	17.1	0.86	336	1.17	2.33	7.4	2.5	580
N812987		8.07	12.40	0.15	1.1	4.84	2.34	16.1	32.7	0.64	3020	16.05	0.08	5.8	13.2	440
N812988		3.43	16.20	0.12	1.3	0.208	2.70	29.1	12.2	0.80	507	0.64	1.68	6.9	2.4	540
N812989		8.60	18.65	0.15	1.1	0.200	3.31	15.0	6.9	0.48	243	0.70	0.15	3.8	3.0	530
N812990		4.72	18.75	0.09	1.1	0.163	3.13	20.9	8.7	0.56	302	0.80	0.29	4.4	2.8	610
N812991		3.66	18.40	0.12	1.2	0.247	3.57	23.8	9.5	0.64	501	1.42	0.32	5.0	3.5	690
N812992		3.71	18.20	0.13	1.1	0.238	3.58	20.7	11.4	0.58	458	1.09	0.05	4.3	2.0	600
N812993		3.86	15.00	0.11	1.0	0.295	3.15	10.9	10.9	0.32	357	3.58	0.05	3.5	3.3	500
N812994		4.52	16.65	0.13	1.1	0.224	2.89	24.8	13.3	0.44	563	2.06	0.38	3.9	3.1	510
N812995		0.54	0.32	<0.05	<0.1	0.007	0.03	0.5	0.9	13.40	220	0.16	<0.01	0.4	2.8	220
N812996		4.06	17.70	0.13	1.3	0.203	2.67	30.3	10.6	0.74	599	1.47	1.03	4.6	2.7	620
N812997		4.61	17.10	0.12	1.2	0.291	2.89	25.0	7.9	0.83	727	0.85	0.88	4.9	2.4	570
N812998		4.74	17.50	0.13	1.1	0.197	2.49	26.4	11.6	0.79	399	1.53	1.02	4.6	3.2	580
N812999		3.40	17.80	0.12	1.2	0.181	2.55	26.9	16.1	0.71	493	1.36	0.98	6.4	2.6	600
N813000		3.54	17.80	0.13	1.3	0.179	2.62	27.2	16.7	0.74	514	0.85	1.02	6.5	2.7	630
N810851		5.02	15.45	0.14	1.1	0.325	3.28	26.3	10.0	0.72	857	1.04	0.06	4.9	2.4	530
N810852		4.25	14.70	0.12	0.9	0.245	2.96	23.6	10.9	0.88	1180	4.01	0.06	4.4	2.0	480
N810853		0.52	0.32	<0.05	<0.1	0.005	0.03	0.6	1.0	13.30	237	0.12	<0.01	0.3	3.1	190
N810854		4.20	16.20	0.12	1.1	0.358	3.17	26.3	10.4	0.74	699	1.62	0.07	4.6	1.8	550
N810855		6.06	16.90	0.16	1.1	0.203	2.86	23.8	7.2	0.70	329	0.98	0.81	4.6	2.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-121

Finalized Date: 15-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12203772

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812970		81.5	109.0	<0.002	0.43	10.90	10.9	1	2.8	320	0.65	0.10	14.6	0.254	1.20	4.1
N812971		55.3	123.5	<0.002	0.47	18.65	11.8	1	3.1	51.8	0.67	0.14	16.6	0.265	1.59	4.8
N812972		67.0	149.5	<0.002	0.78	12.00	10.3	2	5.1	97.3	0.45	0.32	16.5	0.185	2.22	3.7
N812973		204	196.5	<0.002	1.10	11.50	11.8	2	7.7	84.7	0.48	0.34	17.7	0.192	3.05	4.0
N812974		67.7	155.5	<0.002	2.12	7.32	10.5	2	3.7	72.2	0.52	0.24	13.8	0.211	2.96	4.9
N812975		47.5	123.5	<0.002	1.20	14.50	10.7	2	3.0	185.0	0.57	0.17	13.6	0.238	1.66	3.9
N812976		51.3	127.0	<0.002	1.41	23.0	10.8	2	3.4	138.5	0.59	0.11	13.3	0.242	1.95	5.7
N812977		32.8	138.5	<0.002	1.71	11.55	12.1	2	3.3	134.0	0.56	0.43	16.2	0.246	1.62	5.2
N812978		2660	150.5	<0.002	4.54	89.6	7.5	1	7.6	80.0	0.44	0.56	9.7	0.174	2.01	5.0
N812979		62.4	139.0	<0.002	1.70	6.46	10.3	2	4.2	245	0.52	0.23	12.8	0.227	1.69	3.8
N812980		36.8	106.5	<0.002	1.29	4.40	10.5	2	3.1	309	0.62	0.12	14.1	0.238	1.32	3.7
N812981		34.5	108.0	<0.002	1.24	4.55	10.2	2	3.0	312	0.62	0.10	14.4	0.248	1.37	3.9
N812982		305	156.5	<0.002	1.61	53.5	11.8	2	8.1	75.9	0.59	0.36	14.4	0.248	2.62	6.2
N812983		94.1	127.5	<0.002	1.44	9.96	9.1	2	5.0	103.0	0.50	0.30	12.2	0.196	2.48	3.9
N812984		52.4	112.5	<0.002	1.59	3.44	10.3	2	4.5	282	0.59	0.44	13.6	0.227	1.54	3.9
N812985		23.2	106.0	<0.002	2.37	2.49	10.1	2	4.5	289	0.53	1.06	13.0	0.222	1.26	4.0
N812986		40.5	100.5	<0.002	1.25	2.71	10.2	2	3.9	320	0.61	0.31	14.1	0.236	1.23	3.9
N812987		9480	129.5	<0.002	7.01	214	7.0	2	8.9	115.5	0.44	0.52	8.1	0.187	1.99	5.3
N812988		56.0	120.0	<0.002	1.89	4.01	10.3	2	4.7	239	0.57	0.31	13.0	0.217	1.66	4.5
N812989		44.5	175.0	0.002	8.83	6.64	11.2	2	14.5	23.6	0.29	1.42	11.1	0.138	1.85	2.6
N812990		44.8	159.5	<0.002	4.43	6.35	10.9	2	11.3	47.8	0.35	0.51	13.0	0.154	2.03	4.0
N812991		58.1	244	0.002	2.77	15.65	12.4	1	7.0	73.6	0.39	0.27	15.3	0.171	2.94	4.5
N812992		63.2	226	0.002	3.00	13.05	14.3	1	8.1	63.1	0.36	0.33	14.7	0.150	2.89	3.7
N812993		126.0	196.0	<0.002	2.44	11.40	9.6	1	6.6	53.5	0.31	0.17	13.5	0.115	3.10	5.2
N812994		190.5	178.0	<0.002	2.20	6.81	10.5	2	5.1	78.7	0.34	0.24	13.9	0.137	2.70	4.4
N812995		1.8	1.4	<0.002	<0.01	0.09	0.3	<1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N812996		77.2	159.5	<0.002	2.47	4.98	11.4	2	4.1	152.5	0.40	0.21	15.7	0.178	2.29	3.5
N812997		139.5	161.0	0.002	3.62	4.73	10.8	1	6.1	121.5	0.41	0.27	13.6	0.181	2.68	4.1
N812998		53.9	136.5	0.002	3.62	6.10	11.1	2	5.1	112.0	0.38	0.30	14.5	0.175	2.00	3.3
N812999		42.2	129.0	<0.002	1.81	9.08	11.5	1	4.7	185.5	0.50	0.20	14.7	0.210	2.02	4.5
N813000		42.6	131.5	<0.002	1.89	8.79	11.3	1	4.6	190.0	0.51	0.15	14.0	0.224	1.94	4.4
N810851		125.0	198.0	0.002	4.13	8.56	10.1	1	7.1	37.5	0.39	0.27	12.6	0.173	3.09	3.1
N810852		259	174.5	<0.002	3.44	20.5	9.3	1	6.1	80.4	0.34	0.31	11.7	0.152	2.97	3.4
N810853		1.6	1.5	<0.002	0.01	0.08	0.3	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N810854		134.5	176.5	<0.002	3.33	8.54	9.8	1	7.1	40.4	0.39	0.29	13.5	0.160	3.20	4.0
N810855		85.9	151.5	<0.002	5.76	7.04	10.3	2	7.7	135.0	0.38	0.60	12.3	0.166	2.03	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12203772

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812970		69	1.6	15.0	177	33.2	1	
N812971		71	3.1	14.9	301	35.9	1	
N812972		63	2.6	9.2	248	34.1	2	
N812973		70	5.4	10.4	430	33.7	2	
N812974		66	3.5	20.6	445	33.8	1	
N812975		70	2.0	15.3	246	34.2	1	
N812976		72	4.1	15.7	335	34.3	1	
N812977		77	3.9	18.7	248	35.5	1	
N812978		54	4.8	9.0	5080	22.7	23	
N812979		68	3.1	16.6	225	32.6	1	
N812980		66	2.3	15.8	174	34.3	1	
N812981		68	2.1	16.0	194	34.0	<1	
N812982		73	8.5	16.8	678	33.7	7	
N812983		59	3.5	15.1	835	31.4	1	
N812984		66	3.7	15.3	142	33.5	1	
N812985		66	2.2	14.6	117	31.7	<1	
N812986		67	2.8	15.3	109	33.4	1	
N812987		54	4.5	8.6	>10000	31.1	117	1.545
N812988		64	3.0	15.8	144	34.4	1	
N812989		68	6.5	12.3	185	30.2	1	
N812990		64	5.4	15.3	174	30.0	1	
N812991		68	4.3	16.0	308	30.5	1	
N812992		71	4.2	14.8	257	30.3	1	
N812993		51	4.6	14.0	526	26.3	1	
N812994		59	3.3	20.2	1020	30.9	1	
N812995		2	0.1	0.8	17	0.5	<1	
N812996		69	2.4	19.0	442	35.3	<1	
N812997		65	3.3	14.0	306	31.5	1	
N812998		69	2.9	15.9	225	29.4	1	
N812999		66	2.8	16.1	194	32.7	<1	
N813000		69	2.8	15.8	199	34.2	1	
N810851		60	4.2	13.1	445	28.5	1	
N810852		56	3.6	12.1	483	26.0	1	
N810853		2	0.1	0.9	18	<0.5	<1	
N810854		56	4.1	12.5	424	26.9	1	
N810855		60	2.1	16.3	189	30.4	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12203772

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205101

Project: Klaza-116

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

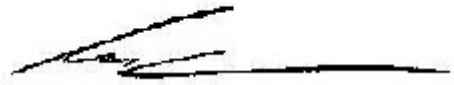
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12205101

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358488		5.92	0.019	0.43	6.74	18.0	2040	1.65	3.58	2.12	0.33	40.7	6.4	9	13.55	32.6
M358489		5.38	0.022	0.69	6.49	22.4	2220	1.53	2.00	2.18	1.33	38.2	5.7	9	10.00	34.5
M358490		4.86	0.024	0.49	6.88	19.8	1900	1.67	1.42	2.02	1.89	46.5	5.8	8	11.25	23.6
M358491		<0.02	0.021	0.50	6.50	19.2	1850	1.54	1.23	1.96	1.88	40.5	5.6	9	10.65	22.5
M358492		4.24	0.091	0.77	6.72	57.7	1770	1.59	1.78	2.10	2.00	43.2	5.6	7	15.75	34.4
M358493		2.89	0.026	0.53	7.46	25.4	1400	1.45	1.48	1.41	1.07	53.0	12.6	8	12.60	29.2
M358494		2.85	0.101	0.70	6.95	80.7	1890	1.50	1.68	1.90	1.58	41.0	4.9	6	15.35	40.8
M358495		3.14	0.042	0.49	6.53	31.7	1730	1.38	1.40	2.23	0.95	35.5	13.4	6	11.60	29.4
M358496		2.98	<0.005	0.01	0.07	<5	50	0.06	0.03	20.6	0.07	1.31	1.4	<1	0.19	2.4
M358497		2.92	0.113	0.81	7.06	60.9	2340	1.77	1.69	2.74	2.37	48.2	6.4	8	18.80	50.3
M358498		7.47	0.046	0.36	7.27	32.5	2130	1.50	0.75	2.40	0.58	44.0	7.0	11	10.20	13.5
M358499		3.04	0.381	5.61	7.12	264	790	1.58	13.85	2.21	7.74	46.7	7.5	7	14.75	285
M358500		3.36	<0.005	0.04	0.13	<5	30	0.13	0.04	20.7	0.07	1.32	1.6	<1	0.53	4.8
M358501		4.15	0.029	0.94	7.22	32.8	2320	1.43	3.24	2.47	0.95	44.9	5.9	9	10.60	52.6
M358502		3.45	0.700	34.9	6.77	548	860	1.47	255	2.20	9.38	52.1	13.5	6	18.50	1100
M358503		0.26	2.36	25.1	5.61	3150	1490	1.36	18.30	2.12	76.3	41.2	11.3	16	14.85	430
M358504		3.41	0.131	0.86	6.85	81.2	910	1.55	2.72	2.29	1.16	40.7	13.9	7	14.00	30.6
M358505		7.19	0.014	0.45	7.22	20.8	2590	1.57	1.82	1.77	0.83	45.9	7.4	8	15.25	18.4
M358506		2.69	0.038	0.38	6.49	28.2	2000	1.55	2.68	2.48	0.42	38.0	6.8	7	18.95	19.5
M358507		2.45	0.287	0.59	5.68	134.0	1040	1.36	3.11	3.03	0.24	40.3	8.2	5	14.25	36.3
M358508		2.32	0.122	0.18	7.02	123.0	1810	1.68	0.31	2.73	0.11	46.3	7.8	6	16.00	9.1
M358509		3.22	0.057	0.21	7.56	54.6	1710	1.74	0.21	0.75	0.10	57.3	8.6	8	20.6	7.0
M358510		2.58	0.043	0.34	6.85	44.0	1520	1.60	0.93	2.19	0.40	41.4	8.4	6	28.2	26.7
M358511		6.86	0.015	0.23	7.38	16.4	1880	1.77	0.92	2.51	0.29	49.0	6.3	9	9.56	21.4
M358512		6.66	0.039	0.29	6.76	25.1	1410	1.70	1.15	2.62	0.39	44.0	7.4	9	10.25	17.3
M358513		4.11	0.025	0.18	7.09	13.4	1870	1.70	0.56	2.45	0.23	47.6	7.1	11	8.45	11.4
M358514		2.52	0.149	0.26	6.80	23.9	1940	1.66	1.56	2.54	0.36	42.4	8.8	9	10.35	13.8
M358515		1.24	0.176	0.33	6.98	35.4	1780	1.71	1.06	2.62	0.42	45.0	8.4	10	11.95	25.2
M358516		2.63	0.245	0.49	6.11	70.0	2410	1.56	1.87	2.44	0.38	37.8	9.6	8	17.10	27.8
M358517		6.66	0.038	0.17	6.44	47.5	1510	1.69	0.09	3.39	0.13	43.5	7.5	7	15.20	23.6
M358518		0.25	2.35	26.2	5.67	3200	1530	1.36	18.55	2.17	77.2	41.3	11.9	17	14.75	439
M358519		4.65	0.029	0.16	6.85	58.9	1920	1.76	0.10	2.90	0.12	47.2	7.5	7	15.05	10.9
M358520		2.30	0.083	0.41	6.96	115.5	2730	1.70	1.43	1.78	0.33	53.0	18.8	6	18.30	32.6
M358521		3.62	0.193	0.58	6.25	87.4	880	1.56	3.19	2.94	0.32	44.7	10.9	8	15.25	47.9
M358522		3.39	0.114	0.42	6.19	62.7	1270	1.61	2.57	2.95	0.32	39.1	7.6	9	14.80	36.9
M358523		5.58	0.026	0.44	7.68	28.7	1430	1.41	2.67	1.51	0.40	57.2	8.5	7	11.95	30.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12205101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358488		2.69	16.45	0.16	1.1	0.178	2.85	21.1	20.5	0.69	441	1.10	1.59	7.8	2.7	540
M358489		2.75	16.90	0.17	1.2	0.208	2.71	19.6	18.9	0.76	484	1.27	1.96	7.8	2.7	520
M358490		2.33	16.35	0.19	1.1	0.310	2.38	23.9	19.4	0.65	423	0.77	2.02	7.7	2.2	540
M358491		2.28	15.80	0.17	1.0	0.302	2.34	19.9	19.4	0.61	417	0.82	1.98	7.6	2.1	530
M358492		3.07	16.60	0.16	1.0	0.283	2.71	22.6	62.5	0.82	728	2.63	0.20	7.5	2.6	540
M358493		3.24	16.80	0.19	1.0	0.362	2.42	28.4	24.5	0.58	500	1.78	1.03	7.3	2.5	580
M358494		2.91	16.80	0.16	1.1	0.274	2.93	21.1	25.2	0.65	1320	1.50	0.47	8.0	2.9	580
M358495		3.00	16.30	0.16	1.0	0.361	2.41	16.9	25.8	0.64	653	1.57	0.89	7.0	2.2	550
M358496		0.48	0.35	0.26	<0.1	0.006	0.03	0.6	1.1	12.30	214	0.15	0.01	0.3	2.6	160
M358497		2.86	16.65	0.14	1.0	0.280	2.95	26.7	34.9	0.80	1300	0.65	0.09	7.8	2.8	550
M358498		2.84	16.95	0.17	1.2	0.153	2.85	22.9	13.1	0.73	518	0.79	2.12	8.1	2.4	580
M358499		4.22	17.30	0.18	1.2	0.370	3.20	24.9	26.6	0.69	855	1.29	0.47	7.7	2.8	570
M358500		0.45	0.50	0.26	<0.1	0.007	0.06	0.6	1.6	12.35	202	0.12	0.01	0.3	3.6	190
M358501		2.93	17.70	0.16	1.2	0.162	3.03	23.4	12.5	0.73	475	1.48	1.97	8.2	2.7	570
M358502		4.93	16.05	0.17	1.1	1.970	3.08	29.7	17.1	0.83	767	2.05	0.14	7.0	3.1	500
M358503		6.37	14.65	0.18	1.0	1.740	2.59	23.1	24.3	0.88	1820	12.90	0.04	6.1	15.6	430
M358504		3.91	16.55	0.16	1.1	0.217	2.84	21.0	26.3	0.71	455	2.38	0.94	7.8	2.7	550
M358505		2.80	17.35	0.15	1.1	0.283	2.82	24.5	21.9	0.71	471	0.76	1.63	8.1	2.7	570
M358506		2.43	15.85	0.16	1.1	0.158	2.79	19.0	30.3	0.58	488	1.89	1.41	7.5	2.4	530
M358507		2.63	13.80	0.15	1.3	0.134	2.36	22.8	20.1	0.93	620	3.00	0.05	6.3	2.9	460
M358508		2.55	17.70	0.17	2.0	0.108	2.81	24.1	57.9	0.94	683	3.24	0.06	8.8	3.6	650
M358509		1.81	20.3	0.14	3.6	0.041	3.28	31.4	23.7	0.42	607	1.87	0.03	10.8	5.2	710
M358510		2.48	16.75	0.17	1.2	0.158	2.53	21.3	37.2	0.56	625	1.21	0.38	8.4	3.0	530
M358511		2.74	17.70	0.19	1.3	0.180	2.49	26.1	15.2	0.75	434	1.36	2.49	8.7	2.7	570
M358512		2.52	16.90	0.19	1.1	0.215	2.33	22.6	19.1	0.66	438	0.86	2.25	8.0	2.7	540
M358513		2.65	17.15	0.20	1.3	0.126	2.45	24.8	16.9	0.74	474	0.78	2.47	8.7	2.7	560
M358514		2.68	17.50	0.19	1.1	0.180	2.48	21.7	17.9	0.71	446	0.58	2.34	8.5	2.8	540
M358515		2.77	17.30	0.18	1.2	0.227	2.42	23.4	17.5	0.72	460	0.69	2.32	8.1	2.6	530
M358516		2.87	15.75	0.17	1.1	0.327	2.26	19.1	11.2	0.66	474	2.42	1.60	6.9	3.1	520
M358517		2.48	18.00	0.18	3.3	0.033	3.51	22.0	34.5	1.07	647	2.16	0.06	10.1	4.7	680
M358518		6.48	15.10	0.18	0.9	1.785	2.61	23.2	25.5	0.90	1860	13.35	0.04	6.3	16.6	440
M358519		2.34	18.15	0.19	3.2	0.036	3.95	24.9	31.0	0.95	629	1.46	0.12	9.8	4.6	710
M358520		3.18	18.00	0.18	0.9	0.508	2.60	27.8	24.1	0.74	572	0.71	0.71	5.7	5.1	500
M358521		2.89	16.30	0.18	1.4	0.214	2.59	24.3	21.2	0.96	689	2.94	0.21	7.3	4.0	520
M358522		2.58	16.45	0.17	1.4	0.164	2.61	20.0	20.5	0.82	525	1.30	1.15	7.7	3.3	550
M358523		2.79	18.05	0.17	1.2	0.293	2.56	32.4	28.6	0.46	360	0.61	0.92	8.7	2.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12205101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358488		24.4	107.5	<0.002	0.26	3.94	10.8	1	2.3	280	0.68	0.05	11.0	0.232	1.60	3.6
M358489		48.1	96.9	<0.002	0.37	3.01	10.8	1	3.0	315	0.66	0.05	10.8	0.224	1.30	3.6
M358490		65.6	103.0	<0.002	0.47	5.02	11.2	1	3.8	301	0.65	0.09	12.8	0.230	1.37	3.9
M358491		66.8	91.6	<0.002	0.46	4.99	10.8	1	3.7	291	0.63	0.09	11.3	0.229	1.31	3.5
M358492		56.6	107.0	<0.002	0.80	21.4	11.1	1	3.8	159.0	0.63	0.05	11.5	0.224	1.86	4.7
M358493		33.0	111.5	<0.002	1.11	15.00	11.5	1	3.3	162.0	0.62	0.17	13.9	0.228	1.52	3.1
M358494		61.8	127.5	<0.002	1.15	16.90	11.2	1	3.3	170.0	0.64	0.08	11.3	0.238	2.26	3.1
M358495		35.6	95.1	<0.002	1.10	21.4	10.0	1	3.1	182.0	0.57	0.19	10.6	0.217	1.66	2.8
M358496		1.5	1.6	<0.002	0.01	0.09	0.2	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358497		56.8	137.5	<0.002	1.00	19.20	11.7	1	4.6	169.5	0.62	0.24	12.2	0.238	2.35	4.2
M358498		32.1	108.0	<0.002	0.43	2.52	10.9	1	3.0	354	0.70	0.05	12.1	0.246	1.52	3.8
M358499		266	159.5	<0.002	2.26	14.70	11.3	1	6.3	186.5	0.66	0.17	11.9	0.235	2.26	4.1
M358500		1.6	4.3	<0.002	<0.01	0.06	0.4	1	<0.2	42.6	<0.05	<0.05	<0.2	0.005	0.02	0.6
M358501		29.4	114.5	<0.002	0.39	1.79	11.4	1	3.6	365	0.67	0.06	12.2	0.243	1.46	3.9
M358502		247	163.0	<0.002	2.80	54.0	10.0	2	7.1	147.0	0.61	0.89	12.0	0.215	2.35	4.5
M358503		2740	165.0	0.002	4.60	89.5	8.9	2	8.1	91.9	0.49	0.39	9.8	0.176	2.26	5.0
M358504		57.7	120.5	<0.002	2.11	5.69	11.0	2	4.9	231	0.67	0.13	11.4	0.236	1.84	4.4
M358505		37.3	122.5	<0.002	0.47	5.85	11.9	1	2.7	264	0.65	0.06	12.2	0.233	1.65	3.4
M358506		20.6	103.5	<0.002	0.45	5.51	10.4	1	2.0	279	0.66	0.08	10.3	0.228	1.79	2.9
M358507		25.4	136.0	<0.002	1.27	6.53	8.6	1	2.1	130.5	0.50	0.11	9.9	0.187	2.15	3.4
M358508		15.8	104.5	<0.002	0.50	8.67	10.6	1	2.0	209	0.73	<0.05	10.6	0.260	2.33	4.3
M358509		13.1	173.5	<0.002	0.35	7.61	9.3	1	1.4	127.5	0.83	<0.05	10.8	0.292	3.54	5.7
M358510		21.0	100.0	<0.002	0.70	9.26	11.3	1	3.3	170.5	0.69	0.07	11.6	0.236	1.84	4.2
M358511		17.9	100.0	<0.002	0.32	2.31	12.0	1	2.5	370	0.75	0.06	13.7	0.243	1.20	4.8
M358512		21.4	99.8	<0.002	0.47	2.90	11.2	1	3.4	326	0.67	0.09	11.9	0.225	1.32	3.7
M358513		17.8	92.4	<0.002	0.23	2.69	12.0	1	1.9	367	0.75	<0.05	12.5	0.248	1.17	4.1
M358514		19.6	91.4	<0.002	0.48	2.14	11.5	1	2.9	366	0.68	0.10	11.3	0.236	1.20	3.7
M358515		22.4	98.3	<0.002	0.53	2.81	11.8	1	3.5	367	0.68	0.07	12.2	0.235	1.33	4.0
M358516		24.9	110.5	0.002	0.93	5.70	9.9	1	4.3	358	0.58	0.09	9.5	0.202	1.85	3.4
M358517		17.9	150.0	<0.002	0.38	7.35	7.7	1	1.2	231	0.79	0.08	8.2	0.257	4.07	6.1
M358518		2790	169.5	0.002	4.67	89.8	9.2	2	8.0	92.3	0.49	0.41	10.1	0.180	2.23	4.9
M358519		17.6	191.5	<0.002	0.39	5.49	8.3	1	1.2	221	0.76	0.05	9.2	0.264	4.39	5.3
M358520		23.1	155.0	<0.002	0.87	9.51	10.8	2	3.2	206	0.50	0.05	11.6	0.177	2.65	3.8
M358521		26.7	119.0	0.002	1.31	12.35	9.8	2	3.3	148.0	0.60	0.19	10.4	0.211	2.52	4.2
M358522		24.3	101.5	<0.002	0.82	6.35	9.9	1	2.6	256	0.63	0.16	10.1	0.220	2.01	3.6
M358523		21.2	116.0	<0.002	1.00	15.70	12.7	2	3.1	161.5	0.70	0.22	12.8	0.256	1.53	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12205101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358488		64	2.5	14.3	57	30.1	<1
M358489		61	1.7	14.3	120	32.0	<1
M358490		61	1.9	14.9	160	29.7	<1
M358491		60	1.9	13.8	159	28.6	<1
M358492		62	3.9	14.8	187	28.3	<1
M358493		63	2.3	15.0	117	27.3	<1
M358494		65	4.1	14.0	158	33.2	<1
M358495		58	3.5	13.5	113	28.9	<1
M358496		2	0.1	0.9	16	<0.5	<1
M358497		64	2.7	16.4	202	30.1	<1
M358498		67	1.9	15.3	75	31.1	<1
M358499		65	4.6	14.5	694	32.4	5
M358500		4	0.1	0.9	13	<0.5	<1
M358501		65	1.8	16.3	100	32.6	<1
M358502		56	5.3	15.8	627	28.2	35
M358503		54	5.7	10.3	5170	25.7	25
M358504		65	2.7	14.5	108	30.6	<1
M358505		67	2.1	15.6	87	31.6	<1
M358506		63	2.6	13.7	56	30.3	<1
M358507		52	7.3	13.9	46	41.8	<1
M358508		70	8.5	15.5	44	67.0	<1
M358509		70	6.1	15.8	49	132.5	<1
M358510		64	4.6	14.4	50	33.7	<1
M358511		65	1.2	17.5	53	35.1	<1
M358512		63	1.8	16.7	55	31.4	<1
M358513		69	1.2	17.1	50	34.8	<1
M358514		63	1.3	15.9	57	31.4	<1
M358515		62	1.7	16.3	60	31.8	<1
M358516		61	2.6	13.1	55	33.3	<1
M358517		64	5.9	13.5	60	115.0	<1
M358518		55	5.6	10.4	5270	26.1	26
M358519		63	6.4	14.2	56	115.5	<1
M358520		62	2.3	17.1	53	26.7	<1
M358521		61	4.7	14.8	56	41.9	<1
M358522		61	4.1	13.6	57	42.3	<1
M358523		69	2.4	16.3	57	32.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12205101

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205102

Project: Klaza-118B

P.O. No.: Batch 4

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

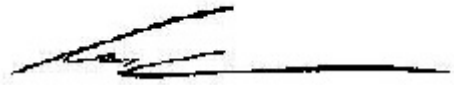
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12205102

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354266		2.00	0.027	0.62	7.07	105.5	2070	1.52	0.42	2.61	1.71	46.6	6.7	18	14.20	18.4
M354267		1.77	0.029	0.70	7.25	63.2	1810	1.43	0.69	2.51	0.78	44.8	7.8	19	13.85	31.9
M354268		1.71	<0.005	0.35	7.06	40.1	2070	1.46	0.43	2.46	0.30	45.9	7.0	17	10.35	24.2
M354269		4.07	<0.005	0.06	6.82	4.7	2230	1.35	0.10	2.52	0.10	45.5	7.4	16	9.30	5.0
M354270		2.17	0.088	2.18	7.24	623	1320	1.42	1.50	2.31	3.35	50.2	9.0	17	12.05	78.9
M354271		2.00	<0.005	0.01	0.17	6	40	0.06	0.05	20.6	0.06	1.62	2.1	<1	0.33	3.5
M354272		2.92	<0.005	0.06	7.09	11.0	1880	1.56	0.09	2.96	0.07	50.6	8.0	14	18.05	5.3
M354273		2.31	0.009	0.45	6.97	79.6	1960	1.51	0.39	2.56	0.69	44.6	5.5	20	15.10	20.5
M354274		5.72	<0.005	0.07	7.24	11.6	2300	1.58	0.15	2.81	0.14	52.5	7.8	20	11.15	9.2
M354275		0.26	2.31	26.4	5.86	2780	1540	1.23	20.1	2.19	79.1	45.6	11.6	17	16.10	451
M354276		4.88	<0.005	0.09	7.58	3.9	2720	1.35	0.10	3.18	0.10	47.7	8.6	19	11.50	8.0
M354277		5.53	<0.005	0.08	7.41	3.2	2150	1.41	0.07	2.59	0.09	48.3	7.6	22	11.10	9.2
M354278		2.66	<0.005	0.25	6.92	18.7	1940	1.33	0.16	3.34	0.13	44.2	10.4	15	11.50	64.2
M354279		3.68	<0.005	0.01	0.07	<5	30	<0.05	0.03	20.4	0.06	1.52	1.2	<1	0.16	2.4
M354280		2.41	<0.005	0.12	6.84	4.6	1980	1.55	0.06	3.13	0.08	43.6	6.8	11	13.35	7.4
M354281		4.54	<0.005	0.06	7.39	3.6	1910	1.45	0.07	2.73	0.08	48.1	8.9	15	10.90	6.6
M354282		<0.02	<0.005	0.07	7.59	3.6	1990	1.54	0.07	2.79	0.09	49.9	8.4	16	11.65	9.6
M354283		4.75	<0.005	0.06	8.16	3.4	2050	1.35	0.08	2.17	0.08	48.4	8.2	21	11.75	9.5
M354284		3.19	<0.005	0.12	7.89	11.4	1960	1.30	0.15	2.57	0.14	42.7	8.3	17	11.60	8.7
M354285		5.83	<0.005	0.09	7.65	6.4	2170	1.58	0.11	2.69	0.24	52.6	8.7	22	9.70	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12205102

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354266		3.27	17.65	0.12	1.0	0.117	2.94	23.7	13.2	0.78	1580	2.45	1.24	8.9	3.4	530
M354267		3.75	17.75	0.14	0.9	0.093	2.96	23.5	11.7	0.81	1030	2.89	1.18	9.1	3.6	550
M354268		2.97	17.65	0.13	1.0	0.063	2.83	22.8	12.1	0.73	734	2.37	1.70	9.1	3.3	590
M354269		2.76	17.05	0.12	0.9	0.041	2.63	22.4	15.2	0.71	633	1.79	2.06	9.3	3.3	590
M354270		4.64	17.40	0.16	0.8	0.130	3.15	26.8	9.7	0.75	1120	1.86	0.64	8.3	4.1	530
M354271		0.47	0.50	<0.05	<0.1	<0.005	0.08	0.8	1.8	12.65	212	0.17	0.01	0.4	5.5	220
M354272		2.64	18.45	0.11	1.0	0.033	2.55	25.8	18.1	0.63	646	1.53	1.61	10.1	3.4	590
M354273		3.07	17.30	0.13	0.9	0.071	2.96	22.6	13.6	0.73	924	1.96	1.39	9.7	3.5	580
M354274		2.87	18.45	0.13	1.1	0.039	2.76	26.9	12.0	0.75	688	2.20	2.18	10.3	3.3	600
M354275		6.52	16.00	0.18	0.9	1.995	2.60	24.7	25.0	0.91	1940	12.85	0.04	6.9	17.9	460
M354276		2.99	18.80	0.12	1.0	0.040	2.55	24.1	28.2	0.62	689	2.16	1.28	9.8	3.6	620
M354277		2.85	18.50	0.14	1.0	0.040	2.55	24.2	17.8	0.62	631	2.21	1.47	9.3	3.4	580
M354278		3.22	18.00	0.13	0.9	0.042	2.34	22.3	13.1	0.82	1080	2.13	1.59	8.9	4.5	580
M354279		0.45	0.22	<0.05	<0.1	<0.005	0.02	0.8	0.9	12.55	194	0.12	0.01	0.3	3.6	180
M354280		2.76	17.45	0.13	0.9	0.034	2.44	21.4	14.1	0.71	754	1.32	1.54	9.0	3.2	550
M354281		3.12	18.25	0.14	1.1	0.035	2.52	23.6	30.5	0.62	464	1.86	1.18	9.7	3.5	600
M354282		3.26	20.0	0.14	1.1	0.038	2.61	25.0	31.4	0.62	481	2.27	1.22	10.6	3.7	620
M354283		3.35	20.4	0.14	1.1	0.043	2.68	24.3	29.4	0.53	431	2.32	0.75	10.4	3.7	630
M354284		2.80	20.3	0.14	1.1	0.043	2.75	20.9	27.4	0.47	611	1.93	0.54	10.5	3.4	610
M354285		3.00	19.70	0.14	1.3	0.040	2.74	26.4	15.2	0.70	722	2.41	1.82	10.3	3.7	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12205102

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354266		153.5	145.0	<0.002	0.47	4.11	9.2	1	2.8	273	0.87	<0.05	13.7	0.217	1.75	6.0
M354267		57.9	150.5	<0.002	1.02	3.18	9.8	1	2.6	277	0.81	0.06	13.0	0.229	1.80	5.4
M354268		29.3	127.0	<0.002	0.29	1.93	10.3	1	3.0	329	0.79	<0.05	11.7	0.235	1.35	4.7
M354269		19.4	98.5	<0.002	0.03	1.28	10.0	1	1.5	384	0.74	<0.05	11.6	0.230	1.09	3.9
M354270		211	179.5	<0.002	2.85	7.89	9.2	1	5.8	181.5	0.67	0.10	12.9	0.222	2.16	4.9
M354271		1.7	3.2	<0.002	<0.01	<0.05	0.5	1	<0.2	42.6	<0.05	<0.05	<0.2	0.008	0.02	0.5
M354272		21.6	94.8	<0.002	0.07	2.15	9.9	1	1.6	328	0.97	<0.05	13.3	0.248	1.30	4.4
M354273		46.0	130.5	<0.002	0.32	2.77	9.9	1	2.1	281	0.86	<0.05	13.2	0.243	1.60	4.1
M354274		23.1	115.0	<0.002	0.04	1.28	10.8	1	1.6	392	0.86	<0.05	13.3	0.235	1.12	5.0
M354275		2970	169.0	<0.002	4.79	87.7	7.8	2	7.9	96.9	0.52	0.38	11.0	0.177	2.39	5.4
M354276		24.5	95.3	<0.002	0.04	3.03	10.9	1	1.9	318	0.92	<0.05	11.7	0.247	1.05	4.2
M354277		19.9	92.8	<0.002	0.02	2.77	10.6	1	1.9	328	0.72	<0.05	12.9	0.236	0.98	3.3
M354278		21.0	91.1	<0.002	0.24	4.14	9.8	1	1.6	303	0.61	<0.05	12.1	0.241	1.12	3.4
M354279		1.6	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M354280		19.4	87.0	<0.002	0.04	2.73	9.5	1	1.7	328	0.74	<0.05	12.4	0.236	1.05	3.5
M354281		21.0	92.6	<0.002	0.02	2.66	10.9	1	1.7	300	0.82	<0.05	12.2	0.243	0.99	4.4
M354282		21.8	98.2	<0.002	0.02	2.87	11.4	1	1.9	308	0.84	<0.05	12.5	0.247	1.04	4.4
M354283		22.4	104.0	<0.002	0.04	3.83	11.5	1	2.1	221	0.80	<0.05	12.4	0.255	1.09	3.8
M354284		22.2	110.5	<0.002	0.21	4.25	11.2	1	1.8	192.0	0.81	0.05	14.1	0.258	1.33	3.7
M354285		30.8	115.0	<0.002	0.09	2.20	11.6	1	1.6	352	0.81	<0.05	14.7	0.245	1.09	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12205102

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354266		61	1.2	18.1	172	26.0	<1
M354267		65	1.2	18.5	94	25.3	<1
M354268		67	1.3	18.9	55	26.4	<1
M354269		68	1.1	18.7	46	25.1	<1
M354270		63	2.1	14.3	326	21.4	2
M354271		4	0.1	1.2	14	0.8	<1
M354272		68	1.4	18.1	45	28.0	<1
M354273		67	1.2	17.7	95	25.0	<1
M354274		68	0.9	22.1	50	31.0	<1
M354275		56	4.7	12.0	5440	30.6	26
M354276		68	2.7	21.1	51	27.3	<1
M354277		67	1.8	18.2	43	27.2	<1
M354278		68	1.4	18.3	47	27.3	<1
M354279		2	0.1	0.9	14	<0.5	<1
M354280		65	1.1	18.3	39	25.0	<1
M354281		69	2.0	19.8	43	30.7	<1
M354282		71	2.1	20.9	47	30.3	<1
M354283		73	2.3	20.4	45	30.9	<1
M354284		70	2.6	19.2	48	31.0	<1
M354285		70	1.0	22.6	54	36.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12205102

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205103

Project: Klaza-119

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

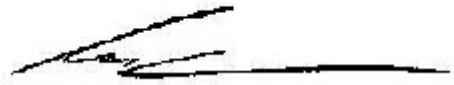
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205103

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359378		4.24	<0.005	0.05	7.11	5.5	2420	1.46	0.06	2.58	0.10	44.0	7.9	12	3.93	5.0
M359379		2.37	<0.005	0.07	7.46	4.4	2220	1.67	0.09	2.84	0.11	56.9	8.3	12	4.04	5.4
M359380		<0.02	<0.005	0.07	7.16	4.4	2160	1.56	0.09	2.76	0.09	51.5	8.1	12	4.00	5.5
M359381		3.78	<0.005	0.06	7.31	4.9	2290	1.70	0.07	2.73	0.09	53.0	8.3	13	4.01	6.6
M359382		2.93	<0.005	0.06	7.26	2.7	2390	1.58	0.10	2.84	0.08	45.9	8.3	13	4.40	6.2
M359383		0.26	0.772	9.49	6.59	1505	880	1.35	6.72	1.92	41.5	41.8	17.5	20	16.20	109.5
M359384		2.99	<0.005	0.09	7.30	3.4	2440	1.68	0.12	2.64	0.10	47.8	8.1	13	4.93	6.7
M359385		3.02	<0.005	0.05	6.55	2.6	2250	1.50	0.07	3.40	0.08	37.3	7.2	11	10.60	6.9
M359386		3.10	<0.005	<0.01	0.05	<5	30	<0.05	0.02	21.3	0.06	1.21	1.8	<1	0.21	1.2
M359387		4.71	<0.005	0.07	7.03	3.2	2180	1.32	0.08	2.72	0.09	43.8	7.5	12	6.69	4.7
M359388		8.36	<0.005	0.07	6.98	3.3	2160	1.44	0.11	2.62	0.11	50.7	7.5	11	7.32	5.6
M359389		8.40	<0.005	0.07	6.73	2.7	2180	1.41	0.08	2.84	0.08	38.8	8.1	12	8.15	9.1
M359390		3.03	<0.005	0.06	7.01	3.7	1920	1.53	0.10	2.60	0.08	54.7	8.0	11	10.45	6.2
M359391		3.07	<0.005	0.07	5.62	2.0	1030	1.30	0.09	3.73	0.09	43.7	7.7	8	11.75	8.3
M359392		8.63	<0.005	0.04	6.96	3.7	2170	1.67	0.09	2.68	0.08	37.4	8.7	11	12.75	6.5
M359393		5.51	<0.005	0.07	6.66	6.2	1490	1.48	0.16	2.79	0.07	34.9	7.3	14	14.50	6.0
M359394		4.37	<0.005	0.20	6.82	24.3	3960	1.42	0.51	3.31	0.11	40.2	7.8	7	16.95	3.8
M359395		2.25	<0.005	0.15	6.63	7.1	1350	1.36	0.15	2.65	0.14	35.1	6.2	9	15.40	27.8
M359396		4.07	<0.005	<0.01	0.07	<5	20	0.05	0.02	21.0	0.06	1.12	1.9	<1	0.26	1.5
M359397		2.86	<0.005	0.08	6.36	3.6	2630	1.36	0.18	2.79	0.09	44.3	6.9	7	16.25	4.5
M359398		3.31	<0.005	0.11	6.38	10.4	990	1.52	0.13	3.27	0.11	65.1	7.8	8	19.20	10.6
M359399		1.60	<0.005	0.10	6.42	10.3	920	1.64	0.10	2.91	0.09	77.0	7.7	7	20.6	10.4
M359400		7.04	<0.005	0.05	6.32	4.3	1250	1.36	0.08	2.42	0.08	34.5	7.4	9	16.50	9.5
M359401		8.09	<0.005	0.09	6.42	4.7	1670	1.54	0.08	3.19	0.09	44.1	8.2	8	17.20	9.5
M359402		7.29	<0.005	0.06	7.30	2.8	2170	1.53	0.09	3.04	0.09	42.9	8.4	12	12.50	8.0
M359403		4.54	<0.005	0.17	6.55	9.9	1360	1.58	0.14	2.87	0.19	39.0	8.2	8	16.75	9.0
M359404		3.86	<0.005	0.09	6.24	6.7	1930	1.31	0.09	2.99	0.09	34.7	7.1	10	13.05	5.5
M359405		3.39	<0.005	0.12	6.28	5.2	2150	1.42	0.13	2.82	0.08	31.8	8.1	10	16.85	12.7
M359406		0.26	0.783	10.20	6.15	1385	800	1.51	6.22	1.83	39.5	38.2	15.4	18	14.45	102.5
M359407		5.14	0.021	0.20	6.46	4.2	2120	1.53	0.12	2.72	0.10	36.9	7.0	11	12.85	6.7
M359408		3.56	<0.005	0.12	6.56	3.8	2100	1.48	0.16	2.54	0.12	38.0	7.5	11	10.85	7.2
M359409		2.80	<0.005	0.12	6.51	3.3	2240	1.53	0.11	2.61	0.07	37.7	7.1	9	11.20	7.4
M359410		8.12	<0.005	0.13	6.97	3.1	2170	1.44	0.10	2.53	0.10	42.8	7.6	11	9.27	8.3
M359411		2.82	<0.005	0.07	6.27	3.0	2010	1.49	0.09	2.69	0.09	40.5	7.1	11	7.82	6.7
M359412		4.88	<0.005	0.05	6.86	2.5	2140	1.21	0.13	2.71	0.09	44.5	7.4	11	7.31	6.3
M359413		3.88	<0.005	0.07	6.67	3.2	2150	1.62	0.10	2.61	0.11	42.0	7.4	11	4.75	7.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205103

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359378		2.89	18.15	0.17	1.8	0.034	2.71	21.4	20.6	0.81	692	0.90	2.44	9.3	2.4	600
M359379		3.00	18.35	0.23	1.6	0.032	2.53	29.9	23.6	0.85	717	1.11	2.42	9.2	2.7	610
M359380		2.91	17.95	0.22	1.4	0.034	2.45	25.9	23.4	0.82	697	1.09	2.38	8.9	2.6	590
M359381		2.96	18.00	0.20	1.6	0.035	2.61	27.2	26.5	0.83	697	1.45	2.41	8.9	4.4	590
M359382		2.92	17.50	0.19	1.4	0.031	2.61	23.3	24.0	0.83	705	0.73	2.39	8.3	2.6	610
M359383		5.22	16.40	0.17	1.4	0.915	2.99	21.1	27.2	0.70	2000	11.80	0.27	8.3	16.8	500
M359384		2.88	17.90	0.20	1.5	0.035	2.74	24.5	28.4	0.80	668	0.94	2.45	9.0	2.9	600
M359385		2.57	16.40	0.21	1.1	0.032	2.42	18.3	19.5	0.54	667	0.76	1.82	7.8	2.7	560
M359386		0.46	0.44	0.23	<0.1	<0.005	0.03	0.6	0.9	12.85	204	0.07	0.01	0.4	0.3	220
M359387		2.87	17.50	0.16	1.3	0.034	2.68	21.8	15.6	0.82	695	0.66	2.34	8.3	2.4	600
M359388		2.76	17.35	0.22	1.6	0.034	2.69	26.0	19.2	0.77	645	0.68	2.29	8.5	2.5	570
M359389		2.90	17.05	0.22	1.6	0.035	2.67	18.4	22.0	0.79	697	0.90	2.29	8.7	2.6	600
M359390		2.80	17.85	0.22	1.6	0.034	2.80	28.0	14.6	0.71	655	3.57	2.26	9.3	2.6	580
M359391		2.73	15.10	0.19	1.4	0.032	2.43	21.7	23.6	1.01	969	0.55	1.51	7.6	3.0	540
M359392		2.94	17.90	0.19	1.3	0.037	2.75	18.0	18.2	0.63	708	0.67	2.09	8.9	3.0	630
M359393		2.59	16.85	0.19	1.3	0.031	2.95	16.6	32.2	0.55	872	0.55	1.18	8.3	2.8	550
M359394		2.71	16.30	0.20	1.2	0.035	3.29	21.7	15.4	0.99	2040	0.59	0.08	7.5	2.6	510
M359395		2.46	16.90	0.23	1.5	0.032	2.97	16.6	62.5	0.58	799	0.57	0.23	8.4	2.4	560
M359396		0.48	0.48	0.26	<0.1	0.005	0.04	0.5	0.9	12.70	219	0.11	0.01	0.4	1.6	180
M359397		2.63	16.85	0.21	1.4	0.033	2.70	22.1	34.0	0.76	920	0.64	0.34	8.2	2.2	540
M359398		2.71	14.70	0.21	1.3	0.036	2.64	37.1	35.1	0.86	1240	0.83	0.25	8.0	2.5	540
M359399		2.67	15.70	0.21	1.4	0.036	2.70	44.2	29.9	0.80	1120	0.93	0.33	8.5	2.5	560
M359400		2.51	16.65	0.19	1.2	0.033	2.52	16.3	78.2	0.62	583	0.64	0.78	8.3	2.5	560
M359401		2.70	16.35	0.18	1.2	0.033	2.81	22.2	43.8	0.83	778	0.63	0.80	8.2	2.7	560
M359402		3.02	17.45	0.21	1.4	0.033	2.93	20.6	13.8	0.75	715	0.67	2.23	9.0	2.7	630
M359403		2.90	15.80	0.16	1.2	0.038	2.94	17.5	51.5	0.81	1350	0.76	0.35	8.1	2.5	600
M359404		2.87	15.05	0.16	1.1	0.038	2.54	15.6	45.7	0.86	836	0.45	1.06	7.1	2.5	550
M359405		3.00	15.25	0.14	1.2	0.039	2.55	14.3	22.7	0.77	834	0.62	1.67	7.3	2.9	650
M359406		5.07	14.50	0.14	1.2	0.744	2.71	19.7	23.3	0.67	1980	11.15	0.25	6.8	14.5	460
M359407		2.81	15.30	0.15	1.2	0.040	2.52	16.9	19.3	0.80	701	0.62	2.12	7.4	2.6	560
M359408		2.85	15.85	0.13	1.2	0.036	2.49	18.0	13.9	0.76	678	0.69	2.23	7.7	2.8	560
M359409		2.74	15.65	0.18	1.1	0.037	2.51	17.5	24.3	0.72	678	0.63	1.96	7.4	2.7	550
M359410		2.84	16.55	0.15	1.1	0.033	2.53	20.8	20.9	0.77	670	0.74	2.29	7.9	3.0	570
M359411		2.75	15.65	0.16	1.2	0.032	2.46	18.1	17.8	0.79	676	0.68	2.20	7.4	2.7	550
M359412		2.88	16.30	0.16	1.3	0.051	2.44	21.4	22.4	0.83	687	0.64	2.26	7.7	2.8	570
M359413		2.84	16.40	0.15	1.2	0.035	2.47	18.2	22.0	0.80	672	0.68	2.32	7.7	2.7	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205103

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359378		19.2	99.1	<0.002	0.01	1.76	11.5	1	1.6	409	0.78	<0.05	12.9	0.256	0.88	3.8
M359379		19.7	106.5	<0.002	0.01	1.70	12.7	1	1.6	406	0.79	<0.05	13.9	0.261	0.84	5.4
M359380		20.2	98.3	<0.002	0.01	1.66	12.0	1	1.5	399	0.78	<0.05	12.6	0.256	0.80	4.6
M359381		21.2	104.5	<0.002	0.01	1.38	12.7	1	1.6	401	0.75	<0.05	14.5	0.260	0.86	4.7
M359382		18.4	98.7	<0.002	<0.01	1.23	12.0	1	1.5	410	0.67	<0.05	12.8	0.259	0.83	4.1
M359383		1430	168.5	0.002	3.17	33.4	9.6	2	6.0	148.5	0.65	0.27	12.1	0.208	2.48	4.8
M359384		19.2	105.0	<0.002	0.01	1.35	11.7	1	1.5	401	0.78	<0.05	14.0	0.252	0.86	4.5
M359385		11.9	98.9	<0.002	0.04	2.22	10.8	1	1.5	260	0.59	<0.05	11.5	0.234	0.87	2.9
M359386		1.3	1.4	<0.002	<0.01	<0.05	0.4	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359387		18.5	98.6	<0.002	0.01	2.01	10.5	1	1.6	373	0.68	<0.05	12.7	0.253	0.88	3.1
M359388		18.5	103.5	<0.002	0.03	1.72	10.7	1	1.6	384	0.76	<0.05	13.7	0.244	0.94	3.9
M359389		18.2	91.3	<0.002	0.01	2.18	11.3	1	1.6	387	0.68	<0.05	11.2	0.262	0.89	3.8
M359390		17.9	112.5	<0.002	0.02	3.37	11.5	1	1.6	349	0.79	<0.05	14.9	0.249	0.97	4.3
M359391		13.0	90.4	<0.002	0.01	6.79	9.2	1	1.5	270	0.62	<0.05	9.1	0.225	1.06	2.9
M359392		17.1	106.0	<0.002	0.01	5.82	11.7	1	1.6	364	0.67	<0.05	10.4	0.267	1.04	3.3
M359393		14.9	114.0	<0.002	0.05	15.00	10.0	1	1.5	261	0.72	<0.05	11.1	0.239	1.45	2.9
M359394		8.7	163.5	<0.002	0.24	34.8	10.2	1	1.3	144.0	0.61	<0.05	13.3	0.215	1.68	4.8
M359395		35.9	113.5	<0.002	0.06	19.50	10.0	1	1.4	205	0.71	<0.05	10.9	0.236	1.62	2.8
M359396		1.3	1.8	<0.002	<0.01	0.07	0.6	1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359397		12.6	119.0	<0.002	0.07	14.75	9.8	1	1.4	162.0	0.72	<0.05	12.1	0.233	1.39	3.7
M359398		11.2	137.0	<0.002	0.17	22.2	11.1	1	1.5	173.0	0.66	<0.05	15.4	0.231	1.61	5.0
M359399		10.4	143.5	<0.002	0.15	21.4	11.9	1	1.6	166.5	0.69	<0.05	18.4	0.241	1.72	6.6
M359400		14.5	90.9	<0.002	0.01	8.35	10.4	1	1.5	262	0.64	<0.05	10.5	0.241	1.12	1.9
M359401		19.2	125.0	<0.002	0.07	9.39	11.5	1	1.4	232	0.61	<0.05	12.8	0.237	1.33	3.6
M359402		16.0	106.0	<0.002	0.01	3.74	11.8	1	1.5	393	0.68	<0.05	12.7	0.276	1.06	3.5
M359403		19.8	105.0	0.002	0.20	17.45	10.5	<1	1.7	188.5	0.61	0.05	11.0	0.288	1.58	3.6
M359404		15.3	80.6	<0.002	0.07	8.70	8.9	1	1.5	254	0.56	<0.05	9.0	0.246	1.24	3.2
M359405		18.0	86.3	0.002	0.03	7.33	10.2	<1	1.7	327	0.52	<0.05	8.5	0.287	1.26	2.7
M359406		1320	145.0	0.002	2.90	31.9	8.5	1	5.6	136.5	0.52	0.30	11.2	0.202	2.37	4.6
M359407		18.2	90.9	0.002	0.01	3.63	9.2	1	1.6	353	0.54	<0.05	10.5	0.250	1.00	2.9
M359408		18.4	91.0	<0.002	0.02	3.43	9.9	1	1.6	355	0.57	<0.05	11.2	0.253	0.97	3.2
M359409		18.0	88.1	<0.002	0.03	4.27	9.5	<1	1.6	333	0.53	<0.05	10.9	0.248	0.96	3.1
M359410		18.1	93.5	<0.002	0.01	2.56	10.3	1	1.7	367	0.58	<0.05	12.1	0.254	0.97	3.3
M359411		17.0	88.5	<0.002	0.01	2.79	9.3	1	1.7	341	0.58	<0.05	11.2	0.244	0.90	3.2
M359412		17.8	95.0	0.002	0.01	2.75	10.6	<1	1.7	361	0.61	<0.05	13.1	0.258	0.89	3.8
M359413		18.1	84.4	<0.002	<0.01	1.59	9.9	<1	1.7	363	0.58	<0.05	11.5	0.255	0.95	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205103

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359378		69	0.9	18.3	62	44.6	<1
M359379		73	0.9	20.3	64	38.4	<1
M359380		70	0.9	18.9	62	33.5	<1
M359381		72	1.0	19.0	64	40.3	<1
M359382		72	0.8	17.7	59	32.0	<1
M359383		58	5.0	12.1	3060	40.5	10
M359384		69	1.8	17.7	61	35.2	<1
M359385		65	1.7	14.1	58	29.3	<1
M359386		2	0.1	0.8	16	<0.5	<1
M359387		70	1.0	16.7	59	31.1	<1
M359388		67	1.4	17.1	57	36.2	<1
M359389		74	1.3	16.3	60	43.0	<1
M359390		68	1.2	17.4	58	41.2	<1
M359391		62	1.7	14.2	57	35.7	<1
M359392		75	1.8	15.5	58	34.5	<1
M359393		65	1.6	13.6	52	32.9	<1
M359394		60	2.0	16.0	42	30.8	<1
M359395		65	1.6	13.7	59	37.9	<1
M359396		3	0.1	0.8	15	<0.5	<1
M359397		64	1.9	15.8	50	33.1	<1
M359398		63	1.3	16.3	52	32.1	<1
M359399		66	1.3	16.1	51	34.8	<1
M359400		67	1.3	12.9	47	31.4	<1
M359401		67	1.0	15.0	52	30.5	<1
M359402		76	1.1	15.8	60	37.7	<1
M359403		82	2.1	12.8	67	28.8	<1
M359404		67	1.4	11.6	53	27.2	<1
M359405		90	2.1	11.9	60	28.5	<1
M359406		56	4.9	10.1	2850	33.3	10
M359407		70	0.9	12.8	56	28.2	<1
M359408		72	0.8	13.6	54	30.9	<1
M359409		70	0.8	12.9	53	28.2	<1
M359410		69	0.8	14.6	52	29.7	<1
M359411		69	1.0	13.4	53	30.0	<1
M359412		72	1.1	15.2	56	31.9	<1
M359413		70	1.1	14.4	52	29.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205103

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205104

Project: Klaza-119

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

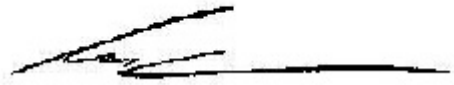
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205104

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359414		8.99	<0.005	0.09	7.13	6.7	2300	1.46	0.11	2.20	0.08	46.6	6.5	11	6.75	6.0
M359415		5.42	<0.005	0.08	7.00	3.6	2160	1.41	0.08	2.28	0.10	45.2	6.4	11	6.85	9.7
M359416		2.70	<0.005	0.10	6.93	2.9	2270	1.45	0.09	2.34	0.10	42.2	6.8	11	7.18	6.0
M359417		0.26	0.793	9.75	6.63	1840	240	1.52	6.48	1.90	41.1	37.6	15.4	20	15.80	105.5
M359418		4.28	<0.005	0.11	7.12	4.1	1880	1.63	0.21	2.39	0.16	42.4	6.4	10	9.40	10.3
M359419		3.40	<0.005	0.07	6.68	3.7	1790	1.52	0.18	2.62	0.12	38.1	8.3	14	8.57	8.6
M359420		2.72	<0.005	0.01	0.10	<5	30	0.05	0.44	20.8	0.06	1.21	1.7	2	0.58	2.4
M359421		4.10	<0.005	0.09	6.51	3.3	1340	1.22	0.20	2.57	0.12	35.1	7.6	11	9.17	9.9
M359422		4.15	<0.005	0.09	6.12	6.3	1310	1.53	0.19	2.66	0.14	36.7	6.8	11	9.18	6.0
M359423		7.97	<0.005	0.09	6.62	4.5	1850	1.49	0.17	2.37	0.08	37.2	7.1	13	9.64	9.9
M359424		8.84	<0.005	0.08	6.83	3.8	2110	1.39	0.13	2.51	0.09	40.6	7.7	12	7.85	7.1
M359425		4.70	<0.005	0.08	7.28	4.6	2230	1.62	0.13	2.69	0.09	43.4	8.0	13	9.06	7.9
M359426		<0.02	<0.005	0.24	7.12	4.6	2190	1.52	0.14	2.64	0.09	43.7	8.0	12	8.85	9.0
M359427		3.85	<0.005	0.09	7.19	4.7	2110	1.39	0.10	2.60	0.09	43.4	7.8	11	7.68	8.1
M359428		3.98	<0.005	0.09	7.18	3.5	1900	1.42	0.14	2.84	0.11	45.6	8.1	13	6.61	12.1
M359429		4.94	<0.005	0.07	7.13	4.0	1310	1.36	0.17	2.76	0.11	45.9	8.1	12	8.30	10.2
M359430		5.56	<0.005	0.09	7.00	4.6	1970	1.65	0.12	2.67	0.11	37.9	7.8	14	6.46	9.2
M359431		3.00	<0.005	0.01	0.09	<5	30	0.06	0.02	21.6	0.06	1.09	0.7	<1	0.34	4.8
M359432		7.06	<0.005	0.08	7.22	10.0	2120	1.66	0.17	2.60	0.10	44.7	8.2	11	6.03	8.1
M359433		2.56	<0.005	0.07	7.06	6.1	2190	1.46	0.07	2.51	0.09	43.7	7.8	15	4.05	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205104

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359414		2.66	14.70	0.12	1.3	0.035	2.52	24.3	25.1	0.86	618	0.76	2.48	7.8	2.6	550
M359415		2.63	14.30	0.13	1.2	0.038	2.48	24.0	21.5	0.77	594	0.76	2.23	7.5	2.5	540
M359416		2.71	15.20	0.12	1.4	0.034	2.53	21.0	26.4	0.77	607	1.03	2.28	8.1	3.1	550
M359417		5.31	14.20	0.16	1.3	0.897	2.94	18.8	25.2	0.69	1980	12.45	0.28	7.7	15.6	500
M359418		2.74	14.60	0.12	1.7	0.033	2.81	21.5	16.2	0.79	627	0.75	1.95	9.0	2.6	540
M359419		2.75	17.15	0.18	1.5	0.031	2.81	18.3	17.1	0.71	695	0.23	1.67	8.4	2.7	540
M359420		0.48	0.50	0.43	<0.1	<0.005	0.05	0.6	1.4	12.95	210	0.24	0.01	0.5	3.5	160
M359421		2.80	16.40	0.13	1.5	0.031	2.73	16.7	20.8	0.80	700	0.26	1.44	8.3	2.1	540
M359422		2.43	14.00	0.14	1.7	0.040	2.42	17.0	17.8	0.65	659	0.30	1.57	8.0	2.5	470
M359423		2.67	15.20	0.16	1.4	0.039	2.77	17.1	23.9	0.67	652	0.63	1.78	8.1	2.6	560
M359424		2.91	15.00	0.14	1.4	0.035	2.69	19.3	15.4	0.77	696	0.60	2.17	7.6	2.6	580
M359425		2.95	15.80	0.17	1.6	0.041	2.77	20.3	23.4	0.78	685	0.61	2.45	8.1	2.7	600
M359426		2.95	15.55	0.13	1.5	0.039	2.70	20.6	23.7	0.77	679	0.68	2.40	8.1	2.8	600
M359427		2.95	15.55	0.13	1.3	0.032	2.68	20.5	20.2	0.76	667	0.80	2.32	7.7	2.6	590
M359428		2.92	15.15	0.14	1.3	0.040	2.61	22.6	14.1	0.81	691	0.77	2.03	8.0	2.8	620
M359429		2.95	15.70	0.16	1.6	0.035	2.31	22.3	14.7	0.76	638	0.83	2.10	8.3	2.9	590
M359430		2.99	15.85	0.16	1.6	0.034	2.60	17.4	14.6	0.76	682	0.75	2.22	8.5	2.8	600
M359431		0.51	0.27	0.10	<0.1	0.010	0.05	0.5	1.3	13.00	224	<0.05	0.01	0.2	2.4	190
M359432		2.97	16.10	0.12	1.6	0.042	2.76	20.2	16.9	0.81	717	0.68	2.43	8.6	2.6	590
M359433		2.88	15.55	0.13	1.6	0.037	2.63	20.2	15.3	0.80	702	0.79	2.45	8.4	2.7	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205104

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359414		17.3	104.5	<0.002	0.01	1.76	9.9	1	1.5	432	0.61	<0.05	12.8	0.243	0.90	3.8
M359415		16.8	104.5	<0.002	0.01	2.08	9.6	1	1.5	379	0.57	<0.05	12.9	0.235	0.86	3.9
M359416		18.6	99.7	<0.002	0.01	2.20	10.2	1	1.5	385	0.63	<0.05	11.9	0.243	0.90	4.1
M359417		1365	150.5	<0.002	3.07	32.3	8.2	1	5.7	150.0	0.59	0.68	10.9	0.211	2.38	4.9
M359418		18.6	129.0	<0.002	0.02	6.32	9.2	1	1.6	288	0.87	<0.05	13.6	0.228	1.14	4.4
M359419		15.1	111.5	<0.002	0.04	5.41	10.6	1	1.7	202	0.76	<0.05	10.1	0.244	1.28	3.2
M359420		1.3	3.4	<0.002	<0.01	<0.05	0.4	1	<0.2	46.3	<0.05	<0.05	<0.2	0.005	0.02	0.6
M359421		14.9	102.5	<0.002	0.05	6.12	9.3	1	1.7	187.5	0.70	<0.05	10.1	0.246	1.38	3.5
M359422		13.2	98.2	0.003	0.05	5.95	8.3	<1	1.6	197.5	0.95	0.06	12.3	0.211	1.22	5.8
M359423		19.4	101.0	<0.002	0.02	6.56	9.6	1	1.8	338	0.77	<0.05	10.9	0.243	1.18	4.4
M359424		19.8	95.5	0.002	0.01	4.57	10.1	<1	1.7	361	0.69	<0.05	10.5	0.251	1.06	3.8
M359425		17.7	99.8	0.002	<0.01	1.83	11.1	1	1.7	405	0.67	<0.05	11.4	0.266	1.03	4.2
M359426		17.7	98.6	<0.002	<0.01	1.88	11.0	1	1.7	396	0.67	<0.05	11.8	0.265	1.01	4.2
M359427		17.4	94.1	<0.002	0.01	1.58	10.5	1	1.7	365	0.64	<0.05	10.8	0.255	0.97	3.7
M359428		16.5	106.5	<0.002	0.01	1.92	11.3	<1	1.6	272	0.59	<0.05	12.1	0.263	1.00	3.5
M359429		18.1	99.4	<0.002	0.01	3.44	10.8	1	1.6	226	0.74	0.05	12.7	0.248	1.02	4.1
M359430		21.7	94.9	<0.002	0.01	1.79	10.4	1	1.5	335	0.85	<0.05	10.8	0.253	0.95	5.5
M359431		1.4	2.4	<0.002	<0.01	0.06	0.2	<1	<0.2	43.5	<0.05	<0.05	<0.2	0.005	0.03	0.6
M359432		19.8	97.5	0.002	0.02	2.35	10.5	1	1.5	400	0.76	<0.05	12.5	0.260	1.04	4.7
M359433		18.7	94.4	0.002	0.01	1.49	10.4	1	1.6	381	0.77	0.05	11.5	0.256	0.91	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205104

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359414		66	0.7	15.9	48	31.2	<1
M359415		66	0.9	15.4	49	30.9	<1
M359416		67	0.8	15.5	49	33.5	<1
M359417		59	5.1	10.5	3020	38.3	10
M359418		61	1.7	14.7	53	40.1	<1
M359419		67	2.0	11.9	54	36.1	<1
M359420		4	0.1	1.0	13	<0.5	<1
M359421		68	1.9	12.5	55	37.1	<1
M359422		59	1.6	12.3	48	37.9	<1
M359423		65	1.3	13.1	53	35.6	<1
M359424		71	2.1	13.3	54	35.4	<1
M359425		73	1.3	15.1	54	39.8	<1
M359426		72	1.3	15.2	54	38.9	<1
M359427		70	1.3	14.4	52	35.9	<1
M359428		74	1.3	15.1	51	35.2	<1
M359429		70	1.8	15.0	51	40.1	<1
M359430		73	1.1	15.5	52	38.8	<1
M359431		3	0.1	0.8	14	<0.5	<1
M359432		71	2.3	16.0	57	42.8	<1
M359433		72	1.4	16.0	54	38.6	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12205104

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205105

Project: Klaza TR-12-23 Batch 1

P.O. No.: Batch 1

This report is for 28 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

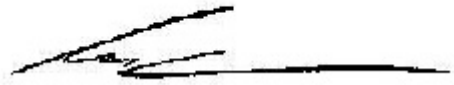
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-23 Batch 1

CERTIFICATE OF ANALYSIS WH12205105

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815528		3.30	0.025	1.69	5.95	830	460	0.93	2.25	0.37	1.43	46.9	5.8	8	22.6	219
N815529		5.70	0.655	29.6	3.20	677	720	0.69	42.7	0.08	6.87	18.25	10.1	8	7.82	112.0
N815530		3.91	0.721	37.2	2.57	397	620	0.47	33.6	0.08	1.55	18.55	9.0	12	4.88	34.5
N815531		3.00	0.364	16.60	5.76	895	1030	0.88	31.0	0.24	1.39	45.4	1.7	8	9.65	120.5
N815532		4.23	0.221	11.60	5.44	829	420	0.64	24.9	0.27	3.22	41.7	4.5	8	11.55	234
N815533		4.78	1.510	50.3	3.63	452	860	0.52	32.2	0.19	0.70	30.8	1.9	8	8.42	44.9
N815534		4.78	0.120	7.08	7.72	1140	1120	1.27	3.20	0.22	3.22	55.7	3.1	10	15.30	285
N815535		6.12	0.066	5.19	7.82	347	1620	1.62	2.71	0.24	19.40	54.8	13.9	9	17.75	109.0
N815536		4.84	0.041	4.88	8.03	179.5	1500	1.68	0.89	0.25	24.8	49.8	10.7	9	23.4	42.5
N815537		4.35	0.101	10.40	7.25	304	1920	1.96	1.25	0.40	18.90	51.4	9.0	8	28.0	56.0
N815538		4.10	0.038	3.76	7.07	156.0	2780	2.16	0.58	0.75	9.70	61.8	7.0	14	27.7	23.8
N815539		4.12	0.007	0.58	8.02	53.9	670	2.33	0.30	0.50	1.71	74.0	8.0	14	39.5	5.5
N815540		0.25	1.405	36.8	7.48	506	1220	1.76	1.29	0.29	30.7	69.1	5.8	17	3.22	132.0
N815541		3.58	0.050	4.29	7.55	123.5	740	1.99	1.74	0.99	14.65	64.4	9.5	13	30.7	217
N815542		3.52	0.215	21.3	6.70	317	1360	1.85	3.43	0.36	29.7	51.8	13.2	14	27.9	363
N815543		3.24	0.058	4.12	7.33	602	1170	1.83	1.50	0.13	17.85	54.1	5.0	10	22.3	1285
N815544		6.01	0.715	30.1	5.27	572	620	0.81	3.02	0.05	2.49	43.5	0.5	8	6.49	36.8
N815545		6.24	0.533	16.95	6.01	448	530	0.82	2.74	0.09	1.92	51.0	0.5	7	8.33	30.5
N815546		6.67	0.595	25.1	6.40	3590	1260	0.96	2.31	0.12	3.68	42.5	0.4	7	10.60	58.5
N815547		3.86	0.693	59.1	6.16	3070	1680	1.00	20.9	0.12	14.70	43.1	1.0	8	11.00	240
N815548		4.38	2.60	95.4	6.02	7120	840	0.77	5.81	0.17	2.32	46.6	0.3	11	11.95	185.0
N815549		4.67	1.785	49.0	4.29	651	860	0.71	98.9	0.11	3.21	36.3	0.7	8	8.24	61.4
N815550		4.55	5.46	82.6	4.83	385	1150	0.78	124.5	0.10	2.65	34.4	0.5	9	9.17	41.9
N815551		2.29	0.010	0.54	0.06	10	40	0.07	0.59	20.1	0.07	1.01	0.5	<1	0.14	1.9
N815552		4.26	0.083	7.97	7.01	565	1800	1.28	4.06	0.46	6.13	40.9	4.6	8	13.55	325
N815553		3.26	0.107	10.00	7.04	1150	990	0.96	6.32	0.15	24.9	39.4	4.1	10	17.35	714
N815554		3.38	0.304	12.15	3.46	703	6700	0.61	14.75	0.06	18.75	23.5	2.7	10	8.30	366
N815555		3.50	0.175	6.01	6.97	261	940	0.85	3.26	0.08	6.39	55.3	0.7	10	13.40	74.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-23 Batch 1

CERTIFICATE OF ANALYSIS WH12205105

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815528		10.20	18.00	0.15	1.0	1.380	3.27	28.1	16.9	0.23	240	1.00	0.36	6.7	1.9	590
N815529		5.58	8.75	0.14	0.5	0.530	1.47	14.1	14.6	0.11	116	11.30	0.05	3.5	1.2	240
N815530		3.31	6.71	0.12	0.5	0.294	1.23	11.6	14.4	0.09	131	5.44	0.05	3.3	1.5	140
N815531		5.85	15.70	0.16	0.8	1.305	2.99	27.9	9.2	0.22	232	2.10	0.11	7.1	1.2	330
N815532		9.06	15.15	0.16	0.8	1.300	2.81	22.4	9.7	0.20	147	5.08	0.05	6.6	1.4	380
N815533		5.55	9.84	0.16	0.9	0.419	1.86	17.5	15.6	0.13	149	1.60	0.08	4.8	1.1	190
N815534		6.40	17.25	0.14	1.0	0.889	3.46	33.5	14.2	0.23	317	0.89	0.04	6.9	1.9	660
N815535		5.26	17.55	0.20	1.1	0.301	3.56	33.0	22.7	0.22	5470	1.23	0.08	7.3	4.0	610
N815536		4.83	18.30	0.19	1.1	0.209	3.44	27.6	12.7	0.24	7190	1.08	0.03	8.3	3.7	640
N815537		3.11	16.70	0.18	1.2	0.109	2.82	27.4	24.8	0.22	3200	1.96	0.03	8.0	3.7	620
N815538		2.56	19.40	0.16	2.9	0.082	1.99	32.7	80.6	0.15	1200	2.32	0.03	11.7	4.8	950
N815539		2.60	21.7	0.19	2.7	0.029	2.89	40.5	46.5	0.14	963	1.17	0.05	13.1	4.4	920
N815540		5.55	23.4	0.20	2.3	0.207	3.53	35.0	23.7	0.28	1040	5.83	0.07	12.0	7.0	1700
N815541		2.99	20.1	0.18	2.5	0.114	2.61	34.4	42.2	0.16	1560	21.2	0.06	11.7	4.1	880
N815542		5.34	17.45	0.18	2.4	0.174	2.40	29.9	29.4	0.23	1320	3.38	0.03	8.6	6.2	790
N815543		6.71	16.95	0.22	1.4	0.722	2.87	31.4	28.0	0.20	305	3.56	0.03	7.5	2.4	740
N815544		2.47	14.70	0.16	0.9	0.818	2.68	26.6	18.2	0.16	103	4.93	0.02	6.2	1.2	290
N815545		1.88	16.20	0.19	1.0	0.792	2.80	30.5	14.2	0.18	134	5.20	0.02	7.5	0.8	280
N815546		2.56	16.70	0.15	1.0	1.515	2.94	24.0	12.6	0.20	161	5.16	0.03	7.5	0.7	430
N815547		3.38	17.45	0.14	2.0	1.455	1.66	26.8	38.1	0.13	122	6.75	0.03	10.6	1.1	390
N815548		4.50	18.15	0.16	0.9	2.98	3.00	28.7	10.8	0.22	143	2.00	0.02	6.5	0.7	540
N815549		5.08	11.55	0.16	1.0	0.929	2.52	21.3	14.4	0.13	128	1.58	0.06	6.4	1.1	190
N815550		3.55	11.00	0.14	1.2	0.930	2.51	20.5	13.3	0.15	97	1.23	0.04	5.9	0.8	170
N815551		0.46	0.18	0.15	<0.1	0.012	0.02	0.5	1.0	11.95	187	0.08	<0.01	0.1	1.4	190
N815552		5.51	17.05	0.17	1.2	1.185	3.05	23.4	20.8	0.32	214	0.94	0.48	7.2	2.7	570
N815553		7.26	18.10	0.16	1.0	1.090	2.70	25.5	21.4	0.13	131	4.38	0.03	8.0	2.8	690
N815554		5.00	7.98	0.11	0.6	0.534	1.41	17.4	23.6	0.09	201	3.37	<0.01	4.1	1.8	250
N815555		2.00	17.00	0.12	1.3	0.275	3.02	31.9	12.9	0.21	194	0.87	0.02	9.7	1.1	150

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-23 Batch 1

CERTIFICATE OF ANALYSIS WH12205105

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815528		107.0	180.0	<0.002	2.21	10.30	8.8	<1	2.3	171.0	0.52	0.41	17.9	0.209	2.40	4.6
N815529		651	89.5	<0.002	0.60	18.00	5.1	2	5.4	30.4	0.28	14.45	4.8	0.117	0.96	3.6
N815530		1290	78.6	0.006	1.15	30.7	3.7	2	4.1	30.7	0.25	4.05	3.6	0.108	0.95	1.4
N815531		1900	187.5	0.003	1.39	30.8	8.2	1	6.4	89.4	0.49	2.23	8.6	0.237	2.56	2.6
N815532		1300	173.0	<0.002	2.36	22.2	7.7	1	3.4	70.1	0.48	4.96	10.0	0.215	2.57	3.4
N815533		1690	114.5	0.003	1.57	41.0	4.7	1	5.4	61.8	0.37	1.47	4.8	0.169	1.73	1.6
N815534		824	205	0.003	0.85	21.7	10.7	<1	4.7	99.8	0.59	0.20	17.5	0.233	3.30	10.9
N815535		475	217	<0.002	0.38	15.80	11.3	1	3.4	61.8	0.57	0.11	16.3	0.239	3.37	6.1
N815536		782	217	0.002	0.10	15.70	13.3	1	3.6	69.3	0.65	<0.05	15.3	0.280	3.70	4.2
N815537		939	172.5	<0.002	0.20	27.8	11.0	1	2.1	102.0	0.55	<0.05	13.3	0.249	3.38	3.1
N815538		370	103.5	0.002	0.11	14.95	6.5	1	1.8	351	0.75	<0.05	10.6	0.291	2.33	3.9
N815539		45.8	135.5	<0.002	0.01	8.65	7.4	1	1.7	107.0	0.81	<0.05	12.3	0.277	2.83	4.2
N815540		3930	173.0	0.003	0.60	65.1	15.0	4	20.7	366	0.73	0.34	7.1	0.438	1.96	3.4
N815541		366	121.0	0.002	0.13	18.25	7.2	1	4.2	144.0	0.73	<0.05	11.2	0.269	2.64	4.9
N815542		460	156.0	0.002	0.19	31.2	7.7	1	4.0	339	0.53	0.13	10.0	0.249	3.03	5.3
N815543		493	182.0	<0.002	0.26	22.6	11.0	<1	3.3	226	0.55	0.29	15.5	0.237	3.03	11.2
N815544		1560	148.5	0.003	0.68	54.2	8.2	<1	13.7	72.8	0.48	0.34	12.1	0.199	2.37	1.0
N815545		1300	152.0	<0.002	0.43	33.2	9.7	<1	10.7	64.8	0.57	0.19	11.7	0.249	2.97	1.6
N815546		3460	168.0	0.004	0.59	66.9	10.8	1	6.7	67.3	0.56	0.47	12.3	0.248	3.54	1.4
N815547		4850	112.0	0.003	0.55	146.5	5.3	1	5.4	140.0	0.70	0.96	11.2	0.269	1.96	3.6
N815548		8660	221	0.002	1.23	187.5	11.5	1	15.3	89.6	0.49	0.80	10.8	0.228	3.24	1.4
N815549		677	156.0	<0.002	1.62	61.8	5.6	2	18.9	79.0	0.52	0.88	5.8	0.194	2.13	1.2
N815550		450	149.5	<0.002	1.12	73.1	5.2	1	20.2	68.7	0.50	0.58	5.3	0.187	2.36	1.6
N815551		7.8	1.4	0.002	0.01	0.59	0.1	<1	0.4	47.4	<0.05	<0.05	<0.2	<0.005	0.02	0.3
N815552		94.5	143.0	0.002	0.82	13.40	11.0	<1	2.7	158.0	0.59	0.16	20.8	0.228	1.89	4.3
N815553		372	147.5	<0.002	0.16	60.0	7.3	1	3.9	95.9	0.66	0.91	14.6	0.218	2.13	9.4
N815554		530	80.2	<0.002	0.39	46.3	4.7	2	3.7	120.5	0.38	1.17	6.6	0.121	1.32	2.9
N815555		402	174.0	<0.002	0.14	22.6	10.4	1	10.2	27.5	0.86	0.19	9.7	0.265	3.02	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-23 Batch 1

CERTIFICATE OF ANALYSIS WH12205105

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815528		65	2.2	7.1	488	26.7	1
N815529		39	3.6	6.8	336	12.9	27
N815530		27	2.9	3.3	199	13.2	35
N815531		59	4.5	4.9	281	22.2	15
N815532		61	3.1	4.6	397	18.7	10
N815533		40	4.0	3.2	124	16.2	47
N815534		79	3.8	6.1	738	23.6	6
N815535		71	3.4	17.4	1680	26.2	5
N815536		83	5.4	14.7	1600	26.4	5
N815537		70	8.7	14.3	1300	34.5	9
N815538		61	5.3	13.2	782	112.0	3
N815539		57	2.0	14.0	245	97.8	<1
N815540		143	3.9	18.5	2360	64.5	34
N815541		56	2.7	13.7	1240	96.3	4
N815542		59	4.1	13.7	2420	104.5	19
N815543		69	5.6	9.5	2080	41.1	3
N815544		52	6.0	3.6	107	21.6	28
N815545		61	6.2	3.6	187	24.8	16
N815546		63	6.1	3.3	193	24.6	23
N815547		45	7.8	6.5	364	69.3	61
N815548		63	6.9	3.9	152	23.6	102
N815549		38	5.1	4.3	130	26.8	49
N815550		41	3.7	3.3	80	22.9	90
N815551		2	0.1	0.7	13	<0.5	<1
N815552		66	1.7	8.9	824	30.2	7
N815553		70	4.0	15.9	1390	32.9	9
N815554		34	2.4	6.5	756	17.1	12
N815555		68	6.9	7.0	245	37.0	6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-23 Batch 1

CERTIFICATE OF ANALYSIS WH12205105

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205106

Project: Klaza TR-12-39 Batch 1

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

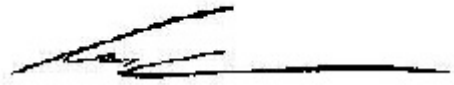
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 1

CERTIFICATE OF ANALYSIS WH12205106

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815556		3.32	0.214	6.85	7.07	210	1390	1.50	7.27	0.26	1.79	61.8	12.4	19	10.20	1030
N815557		4.59	0.318	5.17	6.24	263	890	1.25	7.72	0.11	1.87	57.8	6.2	17	9.84	775
N815558		4.16	0.243	4.96	7.43	274	890	1.45	6.74	0.09	1.87	56.8	8.1	15	9.71	749
N815559		3.97	0.106	2.98	7.37	138.0	1400	1.42	3.36	0.09	1.52	57.1	16.0	12	22.4	832
N815560		3.83	0.113	1.89	8.05	59.5	1700	1.19	1.98	0.09	0.74	51.2	5.7	11	17.05	372
N815561		4.05	0.150	2.03	7.47	175.5	3050	1.50	1.63	0.16	2.17	73.2	17.6	15	11.10	1205
N815562		3.30	0.090	2.45	7.69	108.5	1420	1.31	1.46	0.11	1.04	47.7	5.2	10	36.3	565
N815563		3.30	0.139	3.70	7.41	160.0	1030	1.27	1.91	0.11	1.09	51.5	7.8	10	36.2	401
N815564		4.07	0.132	2.54	8.20	126.0	2010	1.27	1.09	0.10	1.42	62.5	10.5	13	13.00	694
N815565		3.96	0.098	2.28	7.49	170.0	1500	1.25	0.71	0.08	1.30	52.7	10.9	12	12.45	543
N815566		3.84	0.309	6.90	5.73	367	750	1.31	3.41	0.06	1.52	58.1	8.2	20	14.15	639
N815567		3.91	0.264	2.30	8.17	101.5	2190	1.23	1.10	0.19	1.61	57.5	13.7	14	9.68	1130
N815568		4.16	0.141	2.54	8.30	68.7	2230	1.37	1.27	0.21	1.59	45.6	13.2	13	11.90	1195
N815569		3.75	0.189	2.25	8.08	175.0	1560	1.41	1.15	0.06	1.63	56.4	11.2	14	9.89	746
N815570		4.39	0.083	1.76	8.19	76.5	1860	1.63	1.15	0.11	1.41	54.4	12.0	14	9.65	1425
N815571		3.47	0.080	1.64	7.93	172.5	1480	1.59	1.50	0.09	1.62	52.9	9.7	13	10.90	1540
N815572		4.00	0.095	1.67	8.44	201	1500	1.75	2.03	0.11	2.05	66.0	10.3	16	11.15	1775
N815573		3.72	0.086	1.45	8.37	93.7	1770	1.67	1.12	0.15	1.59	84.0	14.2	13	8.92	1595
N815574		4.62	0.119	1.73	8.08	160.5	1470	1.71	2.34	0.12	2.13	53.3	15.3	14	11.10	1985
N815575		3.97	0.073	1.95	8.67	152.5	2080	2.07	1.53	0.20	2.86	54.4	24.4	15	18.45	2370
N815576		4.00	0.036	2.18	8.48	116.0	1930	1.82	3.23	0.12	1.96	63.9	15.2	17	15.65	1365
N815577		4.77	0.043	3.44	8.58	60.5	1110	1.76	7.55	0.05	0.54	52.4	6.3	15	16.20	260
N815578		4.45	0.051	1.20	8.40	130.5	1780	1.83	1.61	0.18	1.87	65.9	14.2	15	14.55	1535
N815579		4.68	0.071	1.21	8.81	115.0	3130	1.60	1.69	0.23	1.51	60.6	13.7	22	12.85	1240
N815580		2.86	0.046	1.08	8.58	50.3	1890	2.13	0.83	0.21	1.03	69.0	9.5	20	22.8	1280
N815581		3.00	<0.005	0.02	0.06	<5	20	0.06	0.02	21.8	0.06	1.20	1.3	<1	0.14	8.2
N815582		2.64	0.056	1.21	8.05	62.1	5600	1.80	2.61	0.32	1.15	69.7	12.0	14	11.10	836
N815583		3.45	0.051	2.17	7.63	164.0	1510	1.61	8.54	0.11	1.82	74.3	7.1	13	12.45	1365
N815584		5.26	0.099	2.11	8.27	232	1790	1.86	4.81	0.16	1.98	70.1	16.4	15	10.60	1770
N815585		0.26	1.545	34.3	8.05	563	1310	1.90	1.28	0.29	30.1	74.3	5.9	18	3.49	144.5
N815586		6.43	0.066	1.02	8.71	128.5	1970	1.89	0.91	0.25	1.57	69.3	11.0	15	12.60	1260
N815587		4.79	0.076	1.09	8.36	135.0	2690	1.96	0.95	0.20	1.52	77.9	15.2	15	15.55	1075
N815588		2.70	0.069	2.49	7.40	157.0	1110	2.18	8.33	0.09	1.90	72.1	7.8	12	16.75	1395
N815589		6.05	0.061	1.04	8.17	60.2	2020	2.09	1.07	0.14	1.17	84.4	8.7	14	12.15	1025
N815590		4.32	0.060	1.04	7.96	88.3	1690	2.51	1.67	0.13	1.50	78.0	8.7	17	21.3	1215
N815591		3.74	0.029	0.85	8.15	62.4	1640	2.37	0.74	0.18	0.91	84.1	12.1	26	27.5	729

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 1

CERTIFICATE OF ANALYSIS WH12205106

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815556		3.74	18.35	0.16	1.0	0.587	3.58	31.5	28.4	0.36	937	70.9	0.35	6.6	7.3	730
N815557		3.46	16.90	0.17	0.9	0.523	2.91	30.4	24.9	0.31	714	90.9	0.13	5.1	4.7	550
N815558		2.99	22.0	0.15	1.1	0.201	3.40	28.8	24.3	0.36	761	69.3	0.14	5.8	5.1	550
N815559		3.03	19.40	0.16	1.0	0.242	3.41	31.4	40.3	0.32	1020	59.7	0.09	6.2	5.2	470
N815560		2.05	22.0	0.14	1.2	0.111	4.11	29.6	25.3	0.26	441	44.0	0.13	8.8	3.1	390
N815561		3.83	19.00	0.19	1.0	0.161	3.71	35.7	26.7	0.35	1270	100.0	0.27	6.1	8.3	820
N815562		2.67	20.4	0.14	1.1	0.164	3.47	26.9	32.6	0.26	317	44.5	0.11	7.6	4.4	470
N815563		2.13	18.80	0.13	1.0	0.135	2.54	29.5	41.6	0.27	724	58.3	0.08	6.5	3.8	400
N815564		2.89	21.9	0.18	1.2	0.191	4.57	33.4	38.9	0.29	979	58.7	0.17	7.7	4.4	540
N815565		2.16	20.7	0.15	1.1	0.181	3.63	27.7	28.9	0.28	1020	52.5	0.11	7.6	3.3	390
N815566		2.24	18.05	0.17	0.9	0.397	2.34	32.4	55.2	0.28	819	89.9	0.06	5.3	3.4	530
N815567		3.12	20.7	0.19	1.0	0.148	4.12	29.3	34.1	0.41	1150	47.2	0.25	7.3	8.2	750
N815568		4.02	22.2	0.22	0.9	0.197	4.44	25.6	25.5	0.61	1120	54.5	0.38	7.2	10.5	700
N815569		2.86	19.30	0.16	0.8	0.154	3.93	26.6	44.8	0.32	1700	79.6	0.16	5.6	4.6	460
N815570		3.66	18.35	0.21	0.9	0.186	4.99	27.6	24.0	0.32	527	58.1	0.35	5.0	6.6	800
N815571		3.58	16.40	0.20	0.8	0.137	4.17	27.8	31.9	0.29	323	65.1	0.13	5.0	8.5	750
N815572		4.27	17.50	0.21	0.7	0.155	4.56	35.2	32.7	0.31	299	89.0	0.13	5.2	8.8	970
N815573		3.51	15.45	0.23	1.1	0.087	4.75	42.8	38.7	0.25	485	46.0	0.18	5.5	10.0	990
N815574		4.84	15.25	0.22	0.6	0.120	4.43	28.9	31.6	0.23	467	65.5	0.15	5.7	12.4	960
N815575		4.93	16.05	0.24	0.7	0.145	5.43	27.1	31.2	0.27	1650	75.7	0.18	6.3	14.9	1200
N815576		5.06	17.25	0.23	0.7	0.157	4.80	33.9	34.2	0.37	488	61.1	0.16	6.9	10.8	1000
N815577		2.16	18.70	0.17	0.7	0.242	4.39	27.8	20.4	0.52	204	22.2	0.07	7.2	3.0	280
N815578		4.22	18.05	0.23	0.9	0.088	4.32	33.7	67.3	0.27	311	45.8	0.22	7.1	10.6	970
N815579		3.95	19.20	0.22	1.0	0.058	4.29	30.8	38.4	0.42	306	58.4	0.38	7.5	11.5	920
N815580		3.07	17.65	0.24	1.1	0.076	4.50	36.2	60.6	0.38	137	39.1	0.15	6.3	11.2	880
N815581		0.47	0.27	0.07	<0.1	<0.005	0.02	0.5	1.0	13.35	202	0.36	<0.01	0.3	2.2	190
N815582		3.77	16.90	0.19	1.2	0.119	4.75	35.2	27.2	0.44	351	36.7	1.28	7.0	6.8	950
N815583		5.81	15.90	0.27	1.1	0.391	4.32	40.9	19.8	0.31	196	91.0	0.19	4.8	6.8	870
N815584		4.15	17.30	0.21	1.0	0.089	4.42	36.1	44.6	0.22	460	58.7	0.18	4.9	11.1	960
N815585		5.60	23.4	0.26	2.5	0.250	3.67	35.1	25.4	0.29	1080	6.11	0.08	12.8	7.8	1840
N815586		3.82	20.0	0.22	1.1	0.084	3.53	35.5	57.4	0.30	204	46.0	0.54	6.6	9.4	1020
N815587		3.59	19.50	0.22	1.5	0.095	3.97	40.7	32.2	0.31	412	45.4	0.62	6.5	7.2	830
N815588		6.36	17.70	0.25	1.6	0.289	3.82	39.0	15.5	0.33	236	130.5	0.21	4.2	5.7	840
N815589		3.36	17.80	0.23	1.8	0.078	4.75	44.0	27.8	0.26	275	39.8	0.88	5.0	5.3	690
N815590		4.09	17.60	0.25	2.4	0.075	4.32	41.9	36.6	0.30	244	54.3	0.16	5.6	9.1	710
N815591		2.73	18.35	0.22	3.7	0.058	3.41	45.5	44.0	0.32	416	31.7	0.07	8.9	11.4	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 1

CERTIFICATE OF ANALYSIS WH12205106

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815556		667	145.5	0.002	0.08	80.7	10.0	2	5.5	148.0	0.49	0.31	12.9	0.218	1.79	5.0
N815557		625	134.0	0.002	0.13	108.0	7.8	3	8.7	80.8	0.40	0.30	11.3	0.169	1.79	4.1
N815558		365	166.5	0.006	0.08	139.5	9.3	2	15.4	88.8	0.46	0.22	12.3	0.195	1.79	4.3
N815559		130.5	148.5	0.002	0.09	65.0	9.3	2	5.3	105.5	0.48	0.15	11.7	0.199	2.00	4.5
N815560		55.2	155.5	<0.002	0.09	15.95	9.4	1	4.8	157.0	0.69	0.11	11.7	0.250	1.84	2.9
N815561		59.2	138.5	0.002	0.09	59.5	10.7	2	3.5	173.0	0.46	0.15	14.5	0.211	1.57	5.7
N815562		69.6	132.5	<0.002	0.09	44.8	9.5	2	3.3	145.5	0.61	0.11	14.6	0.232	1.58	3.9
N815563		110.5	116.5	<0.002	0.14	72.1	8.5	2	4.1	150.5	0.51	0.11	11.9	0.206	1.37	3.2
N815564		68.4	161.5	<0.002	0.09	41.9	10.4	2	2.7	173.0	0.58	0.09	15.7	0.232	1.96	3.6
N815565		454	153.0	<0.002	0.11	64.0	8.8	2	4.8	118.0	0.59	0.06	11.0	0.220	1.92	3.7
N815566		2720	139.0	0.003	0.14	212	7.1	2	14.8	54.2	0.40	0.23	11.5	0.152	1.62	3.3
N815567		59.4	140.0	0.002	0.04	33.2	11.1	2	2.6	168.0	0.56	0.09	14.6	0.236	1.55	4.8
N815568		74.1	148.5	<0.002	0.06	18.30	11.6	2	2.3	181.0	0.55	0.11	16.2	0.240	1.65	5.6
N815569		88.1	161.5	0.002	0.08	64.6	10.2	2	3.8	111.0	0.46	0.09	12.3	0.225	2.00	3.7
N815570		54.5	168.0	<0.002	0.03	21.4	11.6	2	3.3	179.0	0.42	0.10	16.3	0.207	1.93	5.7
N815571		43.8	151.5	0.002	0.02	37.1	12.1	2	4.2	117.5	0.41	0.12	15.6	0.205	1.66	5.8
N815572		53.6	175.0	0.002	0.02	48.6	14.7	2	7.5	126.5	0.39	0.15	13.5	0.242	1.89	5.7
N815573		39.4	157.0	0.002	0.02	47.6	13.0	2	4.2	170.0	0.41	0.12	17.0	0.227	1.70	5.6
N815574		47.7	153.0	0.002	0.02	92.9	14.6	2	5.2	164.5	0.42	0.11	12.5	0.262	1.52	6.0
N815575		47.8	162.0	0.003	0.02	39.4	15.9	2	3.8	222	0.47	0.14	13.0	0.278	2.32	7.4
N815576		137.5	193.0	<0.002	0.27	45.1	15.5	2	3.8	203	0.47	0.24	11.6	0.308	2.20	5.1
N815577		354	217	<0.002	0.33	16.60	15.1	2	17.3	83.6	0.51	0.23	6.8	0.322	2.83	1.7
N815578		36.8	168.0	0.002	0.01	34.5	13.0	2	3.7	170.0	0.54	0.18	15.4	0.268	1.76	5.4
N815579		48.2	161.0	0.007	0.05	21.4	13.0	2	3.4	213	0.58	0.11	14.8	0.286	1.63	4.8
N815580		53.2	176.5	0.002	0.01	21.6	11.9	2	2.6	147.0	0.48	0.10	16.6	0.241	1.85	5.1
N815581		1.5	1.2	<0.002	<0.01	0.21	0.2	1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N815582		64.9	167.5	0.003	0.14	7.54	10.8	2	2.8	337	0.59	0.12	18.8	0.243	1.66	4.0
N815583		269	172.0	0.002	0.07	18.75	10.1	3	14.8	109.0	0.39	0.37	16.9	0.181	1.98	5.2
N815584		76.8	157.5	0.003	0.03	70.9	11.9	2	7.0	147.0	0.39	0.25	17.0	0.199	1.55	6.2
N815585		4230	183.0	0.005	0.64	69.6	15.0	4	22.4	411	0.85	0.31	7.3	0.440	2.00	3.8
N815586		68.2	147.5	0.002	0.03	27.8	12.4	2	2.9	180.5	0.52	0.11	17.1	0.258	1.56	5.4
N815587		44.6	152.5	0.002	0.05	18.10	10.9	2	2.7	210	0.52	0.13	20.3	0.224	1.65	5.4
N815588		304	161.0	<0.002	0.04	18.55	8.0	2	11.2	85.4	0.35	0.26	23.0	0.129	2.16	7.2
N815589		61.3	171.0	0.002	0.03	14.50	8.4	2	2.7	193.0	0.46	0.12	24.2	0.154	2.01	4.9
N815590		54.5	173.0	0.003	0.02	42.5	8.5	2	4.2	119.5	0.48	0.20	23.5	0.163	2.20	6.4
N815591		25.7	146.0	<0.002	0.06	32.3	7.4	2	2.0	93.6	0.68	0.11	17.7	0.231	1.86	7.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 1

CERTIFICATE OF ANALYSIS WH12205106

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815556		84	5.5	18.7	197	35.5	7
N815557		71	7.7	13.0	169	32.7	5
N815558		82	7.0	12.7	161	36.4	5
N815559		80	5.5	16.1	228	35.1	3
N815560		83	4.6	12.0	67	39.5	2
N815561		87	5.3	21.2	195	37.8	2
N815562		82	3.9	13.8	128	39.0	3
N815563		76	4.3	11.7	97	36.9	4
N815564		88	3.8	16.1	170	41.7	2
N815565		82	3.8	13.0	125	41.2	1
N815566		61	7.9	11.1	120	30.6	6
N815567		93	4.3	23.3	157	36.8	1
N815568		93	3.0	22.4	240	37.7	1
N815569		96	5.2	11.5	100	25.6	1
N815570		100	5.9	18.1	183	27.2	1
N815571		102	7.7	19.7	171	25.8	<1
N815572		126	11.1	21.9	203	20.5	1
N815573		109	8.9	21.8	239	28.9	<1
N815574		131	9.6	23.4	364	17.7	1
N815575		139	6.4	29.4	411	20.1	1
N815576		136	6.7	21.7	310	18.9	1
N815577		130	17.6	6.9	77	19.4	2
N815578		109	7.7	24.5	251	25.0	<1
N815579		110	6.4	21.0	202	30.5	<1
N815580		100	4.5	20.9	197	33.6	<1
N815581		3	0.1	0.9	13	<0.5	<1
N815582		91	3.4	20.2	154	34.5	<1
N815583		89	6.6	19.0	254	30.6	1
N815584		95	5.4	24.3	190	29.8	1
N815585		150	3.7	19.9	2510	68.9	37
N815586		103	7.0	22.2	226	31.3	<1
N815587		85	4.4	20.0	164	44.3	<1
N815588		57	4.8	15.7	256	48.0	1
N815589		65	4.1	17.9	143	49.9	<1
N815590		64	4.7	19.3	222	72.7	<1
N815591		60	3.1	17.0	239	133.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 1

CERTIFICATE OF ANALYSIS WH12205106

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205107

Project: Klaza TR-12-39

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

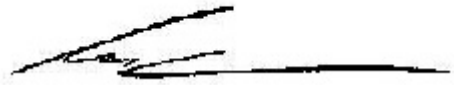
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12205107

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815592		2.78	0.021	1.21	8.02	35.6	1550	2.29	0.67	0.18	0.79	77.4	5.9	22	20.2	643
N815593		3.95	0.039	1.22	7.83	62.7	2110	2.27	0.73	0.13	1.29	74.4	6.2	11	14.30	850
N815594		2.55	0.018	0.43	8.61	31.6	1840	2.55	0.60	0.29	0.83	75.9	6.6	35	22.4	357
N815595		3.84	0.049	0.78	9.33	55.8	1650	2.89	0.88	0.29	1.59	76.6	7.3	37	24.4	445
N815596		2.97	0.014	0.42	8.60	37.0	2670	2.56	0.44	0.39	1.54	83.1	8.7	34	18.55	259
N815597		3.57	0.009	0.30	8.48	17.7	1430	2.45	0.22	0.36	0.96	78.7	6.5	33	22.9	149.0
N815598		4.53	0.013	0.37	8.23	29.7	1330	2.36	0.42	0.36	1.27	77.7	8.3	32	18.35	185.5
N815599		5.52	0.009	0.40	8.57	29.5	1000	2.45	0.52	0.29	2.18	79.3	8.0	32	20.3	179.0
N815600		3.50	0.022	0.51	7.57	53.9	790	2.22	0.96	0.23	1.55	76.3	7.3	30	21.0	182.5
N815601		3.86	0.015	0.49	8.14	36.7	930	2.46	0.73	0.25	1.40	75.5	8.6	30	21.2	188.5
N815602		5.41	0.031	0.78	8.30	87.5	940	2.33	1.21	0.25	1.22	62.3	7.4	31	23.5	304
N815603		3.16	0.051	0.63	7.67	151.5	1080	1.90	1.04	0.09	0.52	63.2	1.6	30	30.6	67.0
N815604		3.93	0.196	2.38	8.88	127.0	1010	1.86	3.59	0.11	1.14	53.3	2.8	20	35.5	317
N815605		3.94	0.260	4.54	8.83	148.5	820	1.48	4.49	0.11	0.38	48.4	1.5	14	35.7	104.0
N815606		3.39	<0.005	0.02	0.07	<5	20	0.07	0.03	20.3	0.06	1.26	1.6	<1	0.25	4.5
N815607		5.65	0.153	1.95	8.01	148.5	880	1.88	2.82	0.24	1.82	50.0	11.2	15	28.1	591
N815608		3.68	0.197	3.68	7.48	183.0	870	1.96	6.19	0.26	1.90	55.7	12.4	14	26.0	606
N815609		4.01	0.232	3.04	7.91	197.0	1610	1.90	3.27	0.28	1.69	52.5	13.3	15	26.6	856
N815610		3.29	0.194	2.37	7.85	146.5	3470	1.70	2.85	0.31	1.40	50.5	12.1	13	19.65	808
N815611		3.81	0.103	2.50	8.00	139.0	1220	1.71	2.02	0.17	1.10	53.7	16.3	13	43.7	911
N815612		4.29	0.129	2.86	8.66	184.0	1600	1.39	2.33	0.11	0.34	49.4	1.2	14	75.5	88.8
N815613		5.49	0.095	1.18	8.02	21.9	2650	2.02	0.31	1.04	0.77	58.8	18.9	14	21.9	1080
N815614		4.59	0.060	1.26	7.89	40.6	1560	2.07	0.49	0.42	1.26	61.4	14.4	14	24.7	864
N815615		4.69	0.068	1.41	8.97	51.0	1590	2.00	1.04	0.35	1.64	61.9	14.1	15	30.8	954
N815616		0.22	1.445	37.4	7.63	504	1230	1.95	2.08	0.30	38.7	69.5	12.1	18	3.44	511
N815617		6.37	0.040	0.94	7.93	16.5	3490	1.77	1.08	1.05	0.98	61.1	16.4	14	13.30	552
N815618		5.10	0.094	2.20	8.16	56.4	2160	1.95	2.39	0.31	2.69	52.9	12.0	14	24.2	632
N815619		4.20	0.053	0.94	8.26	9.7	3410	1.79	0.67	1.37	0.81	58.9	15.4	14	13.75	556
N815620		4.69	0.083	1.55	8.50	99.3	1500	1.90	0.95	0.26	1.77	50.8	7.2	15	29.9	409
N815621		5.74	0.211	5.82	8.71	155.0	1340	1.46	5.58	0.09	1.41	41.7	1.5	14	31.2	150.5
N815622		4.85	0.104	1.99	8.14	84.7	1390	1.84	1.29	0.15	3.16	46.1	6.2	14	29.7	531
N815623		4.24	0.070	2.72	7.78	69.9	1180	1.58	3.65	0.15	1.56	50.1	4.3	13	38.6	358
N815624		3.75	0.049	0.97	7.93	22.2	2370	1.91	0.84	0.71	0.73	54.0	12.9	13	17.00	625
N815625		5.10	0.031	0.71	7.94	11.2	2100	1.69	0.94	0.75	1.23	53.2	15.0	13	12.85	791
N815626		4.92	0.091	1.80	8.20	24.1	2410	1.89	1.64	0.63	0.81	56.1	11.1	13	23.0	1010
N815627		4.22	0.113	1.26	9.31	9.2	1630	1.77	0.50	0.45	0.56	57.8	15.1	16	13.95	721

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12205107

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815592		2.61	18.35	0.21	3.4	0.065	3.96	41.6	39.4	0.29	105	37.3	0.08	8.2	10.4	680
N815593		3.10	17.65	0.26	1.9	0.071	4.50	40.3	26.9	0.26	169	43.8	0.49	5.1	6.5	570
N815594		2.59	22.2	0.23	4.6	0.054	3.81	39.6	50.2	0.28	447	17.40	0.09	11.9	17.4	1090
N815595		3.59	23.5	0.26	4.9	0.074	4.23	39.0	77.5	0.32	687	28.5	0.10	12.4	24.2	1110
N815596		3.33	21.3	0.27	4.4	0.066	3.45	42.4	91.3	0.31	1040	18.45	0.80	12.1	23.2	1110
N815597		2.95	22.1	0.26	4.3	0.043	3.58	41.4	40.1	0.34	510	9.00	0.20	12.1	20.3	1080
N815598		2.92	20.7	0.27	4.0	0.052	3.17	39.4	48.2	0.30	857	13.60	0.63	11.8	20.6	1060
N815599		2.99	21.5	0.25	4.1	0.054	3.11	40.3	43.1	0.27	1160	15.55	0.09	11.5	20.9	1050
N815600		2.92	19.85	0.25	4.1	0.059	2.90	40.9	42.7	0.25	661	18.85	0.05	11.0	18.0	980
N815601		2.93	20.8	0.26	4.0	0.059	3.20	37.3	47.6	0.29	913	17.70	0.05	11.3	18.7	1030
N815602		3.41	20.2	0.26	3.6	0.085	3.17	32.5	66.6	0.31	679	23.4	0.05	9.5	16.9	1050
N815603		2.13	19.15	0.22	4.1	0.062	3.37	36.1	18.2	0.30	109	6.91	0.05	11.4	7.6	480
N815604		4.59	20.1	0.29	1.2	0.282	3.90	31.2	28.1	0.42	175	36.0	0.05	8.8	8.9	840
N815605		2.92	22.4	0.18	0.7	0.342	3.99	25.9	30.4	0.44	80	37.4	0.05	8.4	2.9	440
N815606		0.47	0.31	0.12	<0.1	0.005	0.03	0.6	1.0	12.10	190	5.61	<0.01	0.3	3.2	190
N815607		5.39	19.00	0.21	0.8	0.277	3.88	27.9	13.0	0.46	477	73.6	0.05	7.4	10.1	1120
N815608		5.35	17.60	0.23	0.7	0.257	3.26	33.4	82.5	0.39	380	74.3	0.04	6.9	10.6	1140
N815609		5.74	19.80	0.23	0.6	0.199	3.59	29.1	51.4	0.52	587	70.9	0.16	6.9	9.1	1150
N815610		5.31	19.05	0.22	0.6	0.110	3.48	30.4	47.1	0.52	501	49.0	0.39	7.3	8.0	1050
N815611		4.77	18.80	0.22	0.6	0.141	3.68	32.0	38.2	0.41	644	59.2	0.06	7.5	7.2	950
N815612		1.93	20.9	0.18	0.5	0.074	4.01	27.3	12.0	0.43	151	37.8	0.05	9.1	1.6	290
N815613		4.59	20.3	0.23	0.5	0.033	2.84	32.7	30.1	1.28	492	32.4	1.20	8.4	9.9	1320
N815614		4.81	19.45	0.24	0.5	0.071	2.88	33.0	26.9	0.71	314	50.3	0.37	8.4	9.5	1310
N815615		5.36	19.80	0.23	0.5	0.067	3.56	36.0	24.2	0.43	360	58.6	0.12	8.3	9.0	1320
N815616		5.97	24.6	0.27	2.3	0.637	3.54	34.7	24.0	0.30	1080	6.65	0.08	13.0	7.7	1720
N815617		4.40	18.80	0.22	0.5	0.055	2.80	31.8	28.4	1.16	427	28.4	1.29	8.9	8.2	1240
N815618		6.45	19.00	0.25	0.5	0.234	2.95	30.9	26.1	0.45	344	75.8	0.29	8.2	9.1	1170
N815619		4.53	19.45	0.20	0.6	0.058	2.71	31.5	29.4	1.51	385	15.35	1.73	8.9	8.1	1320
N815620		3.73	20.4	0.18	0.6	0.176	3.62	29.4	34.8	0.55	318	38.8	0.17	9.2	5.9	840
N815621		2.76	20.8	0.18	0.6	0.297	4.19	23.7	11.2	0.39	137	26.2	0.05	10.1	2.6	460
N815622		5.52	18.35	0.23	0.5	0.427	3.53	32.1	41.6	0.42	387	77.4	0.08	7.5	6.8	830
N815623		4.17	18.70	0.22	0.5	0.192	3.20	36.0	38.4	0.38	163	50.7	0.24	8.1	5.1	680
N815624		4.00	19.70	0.22	0.6	0.058	2.95	28.4	40.8	1.07	233	33.2	1.02	8.8	7.7	1200
N815625		5.69	17.20	0.23	0.5	0.033	2.97	31.4	26.1	1.20	248	52.9	1.09	7.8	7.0	1270
N815626		4.21	18.35	0.21	0.5	0.109	3.73	32.5	25.1	1.08	204	50.5	0.91	6.2	7.3	1220
N815627		3.65	22.0	0.22	0.5	0.066	2.98	33.0	34.1	0.91	220	29.3	0.23	8.6	7.9	1460

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12205107

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815592		27.2	159.0	0.003	0.08	23.2	7.7	2	2.3	104.0	0.65	0.11	18.8	0.212	2.01	7.7
N815593		34.4	168.0	0.002	0.02	40.5	7.8	2	2.2	151.5	0.46	0.13	21.0	0.150	2.03	4.7
N815594		26.0	159.5	<0.002	0.03	23.5	7.9	1	2.3	87.8	0.87	0.07	14.6	0.291	2.11	5.9
N815595		49.4	174.5	<0.002	0.01	23.7	9.0	2	2.5	94.7	0.94	0.09	15.5	0.291	2.32	8.4
N815596		36.3	143.0	<0.002	0.04	16.80	8.1	1	1.9	124.5	0.93	0.08	14.1	0.290	2.07	6.0
N815597		26.6	151.0	<0.002	0.01	12.55	7.4	1	1.8	75.7	0.94	<0.05	13.9	0.273	2.02	5.5
N815598		39.8	135.0	<0.002	0.01	16.25	7.5	2	1.8	96.9	0.89	0.08	13.7	0.285	1.86	5.6
N815599		43.6	138.5	<0.002	<0.01	17.35	9.1	2	1.8	52.7	0.86	0.07	13.7	0.315	1.99	7.1
N815600		44.6	134.0	<0.002	0.01	18.10	7.4	2	1.7	44.6	0.83	0.14	13.3	0.272	1.99	6.9
N815601		43.3	148.5	<0.002	0.01	13.75	8.8	2	1.8	48.2	0.81	0.09	12.6	0.305	2.25	7.5
N815602		50.9	147.0	<0.002	0.02	25.7	10.8	2	2.5	57.7	0.70	0.11	11.1	0.345	2.46	6.7
N815603		33.0	155.5	<0.002	0.04	15.75	5.8	1	1.6	72.0	0.86	0.25	12.2	0.267	2.87	7.0
N815604		132.0	204	0.003	0.12	35.7	15.5	3	5.5	76.6	0.61	0.37	12.2	0.367	3.18	4.5
N815605		94.5	205	0.002	0.07	24.0	15.7	3	9.1	51.8	0.57	0.38	10.1	0.389	3.38	2.3
N815606		1.6	1.6	<0.002	0.01	0.12	0.3	1	<0.2	43.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
N815607		115.0	202	0.003	0.02	20.7	18.2	2	4.2	35.1	0.46	0.28	12.2	0.333	3.43	4.8
N815608		204	176.5	0.004	0.02	36.4	16.3	2	5.8	49.8	0.46	0.45	11.9	0.312	2.84	5.2
N815609		140.5	185.5	0.004	0.05	37.9	17.3	3	8.0	90.8	0.45	0.32	13.2	0.314	2.96	4.6
N815610		78.3	160.5	0.002	0.08	50.3	15.3	2	5.8	201	0.50	0.33	14.7	0.315	2.47	4.1
N815611		164.0	180.5	0.004	0.02	84.8	16.8	3	2.9	56.0	0.51	0.74	14.3	0.343	3.26	4.5
N815612		110.5	195.0	0.003	0.09	78.8	17.1	2	1.6	62.7	0.60	0.92	6.5	0.437	4.96	1.8
N815613		50.0	131.5	0.007	0.29	9.96	19.0	2	1.8	289	0.53	0.05	13.0	0.402	1.73	2.4
N815614		136.5	140.0	0.003	0.01	17.75	18.3	2	2.8	112.0	0.52	0.10	13.0	0.372	1.91	3.3
N815615		54.0	173.5	0.002	0.02	20.9	18.8	3	2.9	81.2	0.54	0.27	13.3	0.398	2.29	3.8
N815616		4260	171.0	0.003	1.01	64.3	15.9	5	21.8	375	0.77	0.30	7.1	0.447	2.12	3.4
N815617		37.0	113.5	0.002	0.07	6.25	18.2	2	2.6	339	0.55	0.17	13.4	0.386	1.37	2.5
N815618		253	139.5	0.002	0.03	16.35	18.4	3	3.4	119.0	0.49	0.37	13.1	0.348	1.99	4.3
N815619		43.6	105.0	<0.002	0.11	3.71	18.9	2	2.3	436	0.59	0.07	13.6	0.414	1.42	2.5
N815620		98.7	169.5	<0.002	0.04	12.65	18.1	2	2.3	72.1	0.58	0.30	10.9	0.430	3.11	2.6
N815621		981	190.0	<0.002	0.07	11.50	17.4	2	2.9	41.6	0.62	0.96	7.3	0.445	4.10	2.0
N815622		75.8	172.5	0.002	0.08	13.45	17.2	3	5.5	59.7	0.49	0.22	11.5	0.358	2.61	3.5
N815623		281	166.5	0.002	0.10	14.00	15.6	2	3.2	80.5	0.52	0.73	9.8	0.369	2.76	2.9
N815624		40.4	124.5	0.003	0.03	6.00	19.3	2	2.3	232	0.54	0.21	13.6	0.384	1.64	2.5
N815625		17.6	131.0	0.002	0.02	1.88	18.5	3	3.9	245	0.48	0.08	12.4	0.365	1.47	3.4
N815626		67.3	150.5	0.004	0.01	4.07	19.1	2	3.9	202	0.39	0.30	12.5	0.315	2.00	3.1
N815627		28.7	143.0	0.003	0.01	3.61	20.1	2	2.9	103.0	0.54	0.07	15.0	0.437	1.74	6.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12205107

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815592		64	4.4	16.4	178	116.5	<1
N815593		60	3.8	15.2	147	54.5	<1
N815594		66	3.2	14.8	183	168.0	<1
N815595		82	7.2	17.6	277	177.0	<1
N815596		69	4.0	16.2	224	158.5	<1
N815597		60	1.8	13.2	175	151.0	<1
N815598		63	3.8	14.0	180	145.5	<1
N815599		76	3.2	15.9	194	144.5	<1
N815600		60	2.5	14.7	178	147.5	<1
N815601		75	2.7	14.6	170	146.0	1
N815602		97	3.7	16.2	192	126.0	1
N815603		52	2.5	10.6	64	145.5	1
N815604		148	8.4	13.9	195	41.4	3
N815605		152	8.4	6.4	117	19.5	5
N815606		2	0.1	0.8	13	0.5	<1
N815607		138	12.0	19.3	239	21.9	2
N815608		130	10.2	23.9	258	20.6	4
N815609		134	5.4	22.1	202	13.4	3
N815610		123	5.0	24.3	161	16.0	3
N815611		138	6.2	20.4	120	15.7	3
N815612		160	11.8	4.2	33	10.7	3
N815613		162	2.9	22.2	98	11.0	2
N815614		147	7.4	23.8	205	11.6	1
N815615		160	6.8	24.4	181	12.3	2
N815616		145	3.9	19.9	4600	73.4	33
N815617		143	3.3	21.7	142	11.3	1
N815618		137	10.7	22.3	323	13.8	2
N815619		152	2.4	20.0	128	11.4	1
N815620		154	5.7	14.7	230	11.9	2
N815621		161	13.2	6.8	201	13.3	6
N815622		148	16.1	14.7	459	11.0	2
N815623		138	6.3	14.3	244	11.0	3
N815624		142	3.1	21.8	93	12.1	1
N815625		147	14.0	28.5	85	10.7	1
N815626		148	8.9	21.7	102	10.7	2
N815627		181	4.0	23.9	110	12.2	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12205107

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205108

Project: Klaza TR-12-39 Batch 3

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

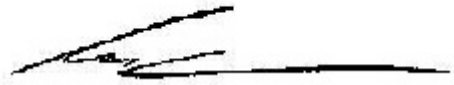
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

CERTIFICATE OF ANALYSIS WH12205108

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815628		6.92	0.066	0.86	8.39	11.8	2060	1.69	0.64	0.80	0.70	72.2	15.9	13	17.55	694
N815629		4.99	0.036	0.49	8.35	3.6	2070	1.68	0.22	1.45	0.36	58.3	14.4	13	12.55	432
N815630		4.53	0.042	0.62	8.50	11.0	3670	1.62	0.30	0.76	0.93	56.3	11.0	15	14.75	657
N815631		3.98	0.048	0.84	8.79	19.2	1860	1.59	0.69	0.34	2.37	64.8	14.4	15	14.75	773
N815632		5.45	0.106	1.63	8.39	10.2	3650	1.57	9.01	0.86	0.79	57.1	10.9	13	12.20	830
N815633		4.08	0.083	0.65	8.50	35.9	2020	1.55	0.80	0.64	0.88	66.4	18.7	13	15.00	839
N815634		5.86	0.118	0.97	8.60	27.3	2140	1.51	0.81	0.67	0.95	65.0	9.9	14	12.90	846
N815635		4.81	0.036	0.50	8.28	13.5	2300	1.38	0.16	1.01	0.35	60.1	12.9	14	12.55	399
N815636		3.67	0.080	0.89	8.19	6.9	2160	1.34	0.24	0.92	0.37	57.7	10.7	13	11.50	410
N815637		5.58	0.041	0.64	8.38	6.0	2300	1.44	0.24	1.02	0.45	60.5	10.3	15	10.65	373
N815638		6.17	0.036	0.78	8.40	9.0	2420	1.61	0.70	0.96	0.72	57.8	12.2	13	13.20	476
N815639		4.74	0.043	1.53	8.90	22.8	1880	1.67	4.14	0.57	1.07	67.4	10.4	15	22.0	732
N815640		4.10	0.094	1.31	9.21	7.2	2710	1.49	0.44	0.89	0.42	60.8	9.7	14	13.10	676
N815641		4.53	0.035	0.68	8.72	9.6	2400	1.59	0.28	1.80	0.35	58.9	14.1	15	15.25	485
N815642		3.95	0.030	0.93	8.42	9.4	2480	1.55	0.38	1.67	0.58	56.7	11.9	14	13.20	588
N815643		3.63	0.064	2.72	8.57	12.8	1900	1.61	2.53	2.45	0.57	52.4	19.4	17	9.65	680
N815644		5.56	0.127	26.5	8.77	82.1	1420	1.59	49.0	0.90	1.14	56.3	13.6	17	23.9	938
N815645		4.96	0.040	0.91	8.66	8.2	1820	1.46	0.62	1.02	1.12	56.2	18.3	17	27.8	854
N815646		5.63	0.035	1.36	8.65	21.9	1670	1.62	1.88	1.10	1.63	60.6	18.9	36	22.4	881
N815647		0.27	1.340	32.5	8.40	588	1340	1.91	1.34	0.33	32.1	76.6	5.6	19	3.64	138.5
N815648		5.06	0.043	0.87	8.59	16.2	1770	1.49	0.52	1.23	2.17	54.4	15.1	19	17.55	809
N815649		3.82	0.054	1.17	9.25	56.0	2640	1.99	1.25	0.85	3.61	75.0	19.2	26	18.50	545
N815650		3.62	0.030	0.89	9.95	64.3	1860	1.71	0.65	0.55	2.55	55.3	16.7	18	26.1	454
N815651		4.48	0.049	1.28	9.97	40.8	1940	1.63	1.07	0.60	3.04	53.3	17.6	17	22.5	444
N815652		4.76	0.042	0.96	9.66	12.0	1920	1.48	0.33	0.80	1.35	55.6	13.4	16	17.20	491
N815653		5.04	0.042	0.63	8.85	8.1	1910	1.50	0.31	1.27	0.91	55.4	13.3	20	14.95	408
N815654		5.14	0.029	0.64	8.48	12.3	1900	1.55	0.52	1.29	1.17	52.9	12.6	15	13.60	450
N815655		5.07	0.042	0.80	8.52	15.4	2080	1.55	0.55	1.31	1.54	56.8	16.0	16	18.95	491
N815656		3.04	<0.005	0.01	0.09	<5	20	0.06	0.04	20.5	0.06	1.34	1.1	<1	0.18	5.6
N815657		4.99	0.039	0.87	8.79	15.8	2090	1.79	1.19	1.26	2.12	64.4	16.4	15	17.50	555
N815658		4.44	0.050	0.78	8.86	20.3	2080	1.57	0.47	1.04	1.53	56.8	15.3	13	16.85	450
N815659		4.11	0.049	1.21	8.57	30.7	4760	1.35	0.80	0.48	2.63	50.2	10.7	15	18.95	448
N815660		4.08	0.136	2.94	8.17	335	1170	1.86	1.98	0.34	5.36	50.4	15.8	18	28.2	810
N815661		4.77	0.220	2.50	8.98	185.5	1430	1.63	2.34	0.30	3.64	66.2	10.5	17	38.5	611
N815662		5.60	0.421	10.80	8.83	256	1410	1.45	7.67	0.21	2.57	51.0	4.6	16	45.2	259
N815663		6.41	0.047	1.27	9.09	149.5	1920	1.65	0.73	0.48	1.26	56.8	16.1	18	31.8	336

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

CERTIFICATE OF ANALYSIS WH12205108

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815628		4.40	18.50	0.16	0.5	0.056	2.78	40.4	27.7	1.38	356	28.1	0.82	8.3	8.5	1300
N815629		3.76	17.95	0.15	0.5	0.031	2.55	26.5	19.7	1.69	317	16.25	1.99	8.7	6.8	1230
N815630		4.35	19.25	0.17	0.6	0.038	2.98	28.9	18.7	0.72	223	42.3	1.04	8.9	7.3	1310
N815631		4.57	18.05	0.19	0.6	0.104	2.78	37.8	26.2	0.28	736	72.4	0.17	8.9	7.9	1280
N815632		4.81	18.60	0.18	0.5	0.132	3.53	33.0	18.2	1.20	265	48.3	1.10	7.2	6.4	1240
N815633		5.03	18.00	0.18	0.5	0.039	3.25	38.3	23.5	1.51	319	35.6	0.91	7.4	6.4	1190
N815634		4.97	18.10	0.20	0.5	0.032	3.95	40.0	20.1	1.54	273	47.2	1.29	7.1	6.1	1230
N815635		3.83	18.35	0.16	0.5	0.026	2.98	28.8	23.4	1.78	301	7.12	1.46	8.8	7.5	1260
N815636		3.59	18.55	0.16	0.4	0.037	3.46	28.4	19.4	1.67	235	11.45	1.30	7.8	7.3	1230
N815637		3.72	18.65	0.16	0.4	0.031	3.28	29.9	21.4	1.79	291	14.30	1.40	8.6	7.7	1280
N815638		4.17	18.05	0.16	0.5	0.048	3.19	28.8	23.2	1.71	344	17.35	1.18	8.5	7.8	1280
N815639		4.27	19.30	0.18	0.7	0.113	3.22	37.2	24.8	1.14	242	32.3	0.37	8.7	6.8	1280
N815640		3.86	19.75	0.18	0.5	0.046	3.89	32.4	25.1	1.56	218	14.60	1.14	7.7	7.0	1370
N815641		4.56	19.75	0.18	0.5	0.032	2.92	28.7	21.6	1.88	367	9.79	1.69	9.0	7.3	1350
N815642		4.37	18.70	0.17	0.5	0.063	3.08	28.8	22.3	1.94	556	14.95	1.60	8.4	8.1	1330
N815643		5.46	20.2	0.17	0.5	0.129	2.36	26.3	18.6	2.24	561	28.9	1.87	7.7	9.5	1440
N815644		5.88	20.2	0.20	0.5	0.636	3.16	34.1	22.2	1.94	516	62.8	0.73	6.7	8.1	1350
N815645		5.52	18.80	0.20	0.5	0.053	2.66	26.5	26.6	1.94	558	46.2	0.71	6.5	9.5	1210
N815646		7.00	18.55	0.22	0.6	0.133	3.03	35.7	21.5	1.77	524	64.7	1.10	6.7	11.5	1370
N815647		5.86	24.8	0.23	2.5	0.256	3.96	38.1	25.1	0.32	1100	6.20	0.08	12.7	7.0	1870
N815648		8.69	17.85	0.24	0.5	0.051	2.71	33.7	24.2	1.70	380	95.0	1.19	6.3	9.9	1280
N815649		5.41	20.2	0.20	1.7	0.075	2.69	38.8	33.2	1.18	3360	45.6	0.93	8.7	15.0	1460
N815650		4.55	20.5	0.18	0.6	0.044	2.67	28.9	46.6	1.18	727	30.0	0.38	7.3	10.0	1340
N815651		5.42	20.4	0.18	0.6	0.110	2.72	25.9	41.5	1.41	1020	46.2	0.23	7.2	9.2	1370
N815652		4.73	20.3	0.17	0.6	0.041	2.77	22.5	33.5	1.42	326	22.7	0.76	6.9	9.2	1370
N815653		4.58	18.85	0.17	0.6	0.024	2.55	25.3	30.4	2.01	287	16.85	1.34	6.6	8.7	1310
N815654		4.79	17.80	0.17	0.6	0.029	2.65	26.0	25.1	1.82	302	20.7	1.24	6.5	8.4	1260
N815655		4.73	17.75	0.17	0.6	0.040	2.86	24.2	24.5	1.85	421	33.8	1.36	6.7	9.1	1270
N815656		0.45	0.32	0.14	<0.1	<0.005	0.03	0.6	1.1	12.70	191	0.56	0.01	0.3	1.3	190
N815657		5.32	18.55	0.18	0.5	0.042	3.07	24.7	30.6	1.93	586	41.3	1.21	6.5	9.2	1320
N815658		4.63	18.40	0.16	0.5	0.045	2.91	22.6	37.2	1.79	502	46.5	1.07	6.7	9.1	1330
N815659		5.89	18.20	0.20	0.5	0.187	2.95	29.4	35.0	1.37	482	69.4	0.28	5.4	8.2	1330
N815660		6.17	17.65	0.19	0.5	0.598	3.27	28.0	21.8	0.43	1360	149.0	0.07	5.9	7.8	1360
N815661		6.89	17.80	0.21	0.5	0.253	3.36	34.5	27.3	0.48	296	123.5	0.10	6.6	7.9	1320
N815662		5.82	18.05	0.19	0.6	0.336	3.82	30.6	20.3	0.55	335	108.5	0.07	7.1	4.3	880
N815663		5.68	18.80	0.20	0.5	0.067	3.42	30.7	25.3	1.01	999	64.8	0.36	6.6	9.9	1230

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

CERTIFICATE OF ANALYSIS WH12205108

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815628		35.2	121.5	0.002	0.01	2.86	18.2	2	2.6	201	0.59	0.11	15.0	0.420	1.37	2.6
N815629		10.0	111.0	0.003	0.12	0.92	17.0	2	1.8	420	0.60	0.07	14.2	0.406	1.18	2.1
N815630		13.7	124.0	0.002	0.05	7.41	18.3	2	2.1	288	0.63	0.05	14.8	0.418	1.32	2.7
N815631		24.3	125.0	0.003	0.02	16.60	19.3	2	2.8	95.0	0.63	0.06	15.4	0.411	1.32	3.3
N815632		30.1	142.0	0.004	0.09	2.04	17.8	2	5.0	278	0.49	0.14	14.4	0.346	1.50	2.8
N815633		22.8	131.0	0.002	0.01	1.83	17.3	2	3.7	198.5	0.51	0.08	13.9	0.354	1.47	2.8
N815634		27.4	159.0	0.004	0.04	2.07	18.0	2	5.1	239	0.49	0.08	14.4	0.347	1.71	3.0
N815635		14.7	105.0	0.002	0.01	1.54	17.2	2	1.7	290	0.57	<0.05	11.8	0.408	1.20	1.6
N815636		14.8	131.0	0.003	0.05	1.36	16.7	2	2.8	262	0.48	0.05	10.1	0.380	1.38	1.4
N815637		17.6	121.5	0.006	0.02	1.46	17.3	2	2.2	285	0.54	<0.05	11.3	0.394	1.25	1.6
N815638		27.6	117.0	0.003	0.01	2.57	18.1	2	2.5	252	0.58	0.05	14.0	0.402	1.36	2.1
N815639		51.1	137.5	0.004	0.01	6.27	18.5	2	5.0	131.5	0.59	0.23	14.7	0.410	1.75	2.9
N815640		22.6	145.5	0.003	0.05	2.26	19.4	2	3.6	271	0.52	0.07	13.6	0.396	1.74	1.9
N815641		24.4	99.5	0.003	0.03	1.55	19.2	2	1.9	395	0.60	<0.05	12.8	0.435	1.13	1.7
N815642		40.8	111.0	0.003	0.02	1.39	18.6	2	2.2	369	0.53	<0.05	10.7	0.406	1.38	1.8
N815643		84.3	91.4	0.010	0.15	1.35	21.2	2	2.4	444	0.49	0.05	9.8	0.463	1.17	1.7
N815644		386	158.0	0.004	0.05	5.82	23.6	3	6.0	170.0	0.43	0.15	11.0	0.429	2.22	2.9
N815645		31.5	103.5	0.002	0.02	2.78	19.8	2	2.2	187.5	0.42	0.09	11.6	0.360	1.33	2.6
N815646		63.7	147.0	0.004	0.04	3.47	23.6	3	3.8	238	0.43	0.22	12.7	0.399	1.71	3.6
N815647		4200	178.0	0.004	0.66	70.0	16.1	5	21.7	411	0.83	0.31	7.6	0.479	2.14	3.7
N815648		42.9	127.5	0.003	0.05	3.31	22.1	4	2.7	266	0.41	0.09	13.0	0.360	1.34	4.3
N815649		125.5	112.5	<0.002	0.04	10.95	17.6	2	2.6	230	0.59	0.19	12.3	0.412	1.53	3.5
N815650		56.9	106.5	0.002	0.03	13.25	21.3	2	2.2	124.5	0.49	0.07	12.3	0.425	1.57	2.2
N815651		363	110.0	0.005	0.07	6.75	21.1	2	3.5	126.0	0.48	0.13	12.1	0.418	1.59	2.3
N815652		54.0	103.5	0.002	0.04	4.90	20.0	2	2.3	208	0.45	0.07	11.8	0.422	1.43	2.1
N815653		23.5	97.2	0.002	0.06	2.52	18.9	2	2.1	310	0.44	0.06	11.6	0.389	1.34	1.9
N815654		28.9	99.2	0.002	0.04	3.34	19.4	2	2.2	304	0.43	0.08	12.0	0.377	1.20	1.8
N815655		58.6	102.0	0.002	0.05	3.37	19.6	2	2.2	320	0.43	0.17	11.1	0.375	1.38	2.1
N815656		1.5	1.4	<0.002	<0.01	<0.05	0.2	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02	0.7
N815657		81.1	112.5	0.002	0.07	3.84	19.9	2	3.2	305	0.43	0.14	12.4	0.380	1.38	2.3
N815658		123.5	111.0	0.002	0.03	4.99	19.4	2	2.0	258	0.44	0.06	11.9	0.386	1.52	2.2
N815659		205	136.5	0.002	0.44	6.26	19.0	2	3.0	264	0.35	0.18	11.0	0.322	1.92	2.5
N815660		1650	162.5	0.007	0.11	75.3	19.5	3	6.5	66.6	0.36	0.38	10.4	0.336	2.96	4.0
N815661		517	149.0	0.003	0.18	25.6	20.5	3	3.3	120.5	0.43	0.30	12.8	0.383	2.69	4.3
N815662		1910	175.5	0.003	0.41	18.50	18.5	4	14.0	107.0	0.46	2.20	10.8	0.401	3.34	3.4
N815663		84.3	157.5	0.002	0.12	10.75	20.6	2	2.6	116.5	0.44	0.11	12.6	0.380	3.18	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

CERTIFICATE OF ANALYSIS WH12205108

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815628		145	4.0	26.2	130	8.8	1
N815629		139	1.9	18.9	60	8.1	<1
N815630		146	5.0	23.9	96	9.9	<1
N815631		147	13.0	28.0	120	10.2	<1
N815632		141	8.3	25.7	101	9.2	1
N815633		136	6.4	23.5	90	9.7	<1
N815634		145	8.6	25.7	90	9.7	1
N815635		141	2.4	19.1	69	8.8	<1
N815636		144	3.1	19.8	69	7.3	1
N815637		140	2.7	22.8	85	8.4	<1
N815638		146	4.6	21.7	142	9.4	<1
N815639		149	5.5	24.9	178	15.4	2
N815640		156	3.7	23.4	120	8.9	1
N815641		153	1.8	21.2	109	8.6	<1
N815642		151	4.9	23.8	140	8.1	<1
N815643		188	3.0	22.7	119	9.6	2
N815644		195	8.1	23.8	183	9.5	27
N815645		150	8.4	25.1	128	9.2	1
N815646		179	13.8	26.7	187	10.0	1
N815647		153	4.2	22.1	2630	66.1	36
N815648		161	12.7	32.1	141	10.1	<1
N815649		140	7.1	23.5	292	56.6	<1
N815650		177	6.4	21.5	226	12.1	<1
N815651		170	7.6	19.1	404	10.7	<1
N815652		174	5.0	18.9	185	10.3	<1
N815653		157	5.9	21.5	120	10.2	<1
N815654		156	8.8	20.7	172	10.5	<1
N815655		154	7.9	21.0	192	10.7	<1
N815656		1	0.1	0.9	14	<0.5	<1
N815657		157	8.2	22.6	227	9.8	<1
N815658		159	4.2	21.3	275	9.4	<1
N815659		148	4.7	18.0	354	9.0	1
N815660		151	9.0	22.7	612	9.3	2
N815661		165	13.1	17.0	534	10.4	2
N815662		167	20.5	10.3	528	12.1	11
N815663		168	8.4	19.8	188	9.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

CERTIFICATE OF ANALYSIS WH12205108

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12205109

Project: Klaza TR-12-39 Batch 4

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

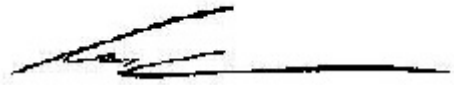
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

CERTIFICATE OF ANALYSIS WH12205109

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815664		5.26	0.041	1.27	8.65	136.0	2020	1.49	1.20	0.55	1.14	49.5	15.5	19	27.8	351
N815665		5.31	0.020	0.54	8.53	11.9	2190	1.52	0.42	1.05	0.60	42.9	17.3	20	14.55	285
N815666		5.78	0.038	0.99	8.57	93.6	2940	1.71	0.95	0.60	1.91	51.0	21.4	17	23.5	479
N815667		5.02	0.035	0.46	8.66	8.3	3480	1.60	0.24	1.62	0.75	40.7	18.1	17	10.90	309
N815668		4.45	0.085	1.09	8.54	8.5	1860	1.60	0.78	1.27	0.58	39.5	18.6	20	12.65	541
N815669		5.71	0.058	1.35	8.65	61.2	1890	1.65	2.18	0.72	3.26	50.5	18.9	19	20.8	494
N815670		5.00	0.054	1.52	8.47	147.0	1890	1.94	1.37	0.66	4.01	61.9	21.5	16	26.0	850
N815671		5.18	0.078	1.57	9.01	158.0	8890	2.32	1.96	0.27	4.71	62.8	22.4	71	48.9	582
N815672		4.95	0.011	0.30	8.49	43.7	4790	2.49	0.32	0.63	4.38	87.4	6.9	14	25.1	177.5
N815673		3.37	0.044	0.56	6.61	117.0	1460	1.53	0.74	0.12	1.43	40.9	3.6	4	20.5	117.5
N815674		5.31	0.007	0.28	7.44	74.3	1600	1.67	0.18	0.11	1.03	47.4	4.1	4	21.6	92.1
N815675		4.94	0.064	1.35	8.70	78.2	1820	1.88	1.21	0.32	2.21	72.1	12.8	14	30.3	712
N815676		4.68	0.086	1.11	8.94	13.4	2490	1.56	0.46	1.13	0.97	54.0	14.7	15	12.50	795
N815677		5.16	0.067	1.04	8.25	18.1	2240	1.54	0.56	1.10	0.79	45.9	13.0	15	15.50	636
N815678		5.05	0.094	1.03	7.93	19.0	2130	1.46	0.54	0.88	0.80	42.5	15.5	17	17.75	670
N815679		4.95	0.030	1.00	8.32	31.3	2340	1.60	0.93	1.01	1.48	52.9	9.4	15	14.95	476
N815680		5.57	0.033	0.61	8.34	11.4	2480	1.58	0.28	1.21	0.79	47.1	17.1	16	14.35	407
N815681		4.90	0.045	0.98	8.43	15.7	2360	1.66	0.55	0.84	1.98	42.2	13.5	16	15.70	594
N815682		6.21	0.036	0.61	8.56	8.4	1910	1.45	0.34	0.87	0.85	47.5	16.3	16	14.40	585
N815683		0.26	0.228	>100	5.58	263	620	0.65	5.11	1.47	25.4	21.3	12.9	65	1.01	6310
N815684		3.80	0.034	0.60	8.76	8.5	1920	1.45	0.34	0.87	0.89	48.4	16.2	16	14.15	619
N815685		5.08	0.042	0.65	8.19	14.5	1880	1.41	0.34	0.92	0.72	50.6	13.7	16	15.05	642
N815686		4.81	0.089	0.66	7.97	9.1	1940	1.49	0.18	1.01	0.48	44.6	15.7	16	18.80	603
N815687		5.03	0.234	0.85	8.12	12.2	1840	1.50	0.23	0.82	0.73	47.2	17.6	15	12.00	753
N815688		3.88	0.070	0.86	8.82	14.6	1490	1.46	0.23	0.60	1.19	49.3	17.0	17	13.55	857
M897951		2.57	<0.005	0.01	0.08	<5	40	<0.05	0.03	21.3	0.07	1.30	1.6	<1	0.16	4.3
N815690		3.94	0.083	1.12	8.99	40.1	1610	1.37	0.38	0.45	2.47	55.0	15.2	16	16.50	1010
N815691		3.68	0.078	1.41	9.08	137.5	1380	1.68	0.65	0.41	4.70	60.3	15.1	17	27.6	898
N815692		4.12	0.066	1.10	8.55	118.5	1410	1.66	0.59	0.44	3.18	63.5	14.8	15	32.9	803
N815693		4.20	0.061	0.86	8.32	19.1	3990	1.65	0.30	1.53	0.96	46.5	17.3	16	16.60	741
N815694		3.53	0.065	0.97	8.12	19.7	1920	1.49	0.36	0.84	0.99	54.4	14.0	17	20.5	788
N815695		3.77	0.063	1.05	7.69	13.2	2170	1.37	0.30	1.38	1.40	70.4	13.7	13	17.55	795
N815696		4.63	0.045	0.90	8.61	23.0	2170	1.64	0.37	0.63	1.18	46.1	13.8	16	20.4	838
N815697		4.24	0.165	2.26	8.39	37.0	2430	1.54	0.52	0.41	1.15	62.0	15.1	16	13.55	1290
N815698		4.29	0.166	2.42	8.80	327	1280	1.70	0.97	0.26	2.73	59.9	16.1	16	21.9	1670
N815699		4.66	0.246	1.71	7.64	209	1080	1.52	0.57	0.40	2.00	60.3	13.2	15	20.3	1370

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

CERTIFICATE OF ANALYSIS WH12205109

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815664		5.76	19.35	0.18	0.5	0.062	3.31	26.7	30.4	1.06	527	65.9	0.62	6.9	9.2	1320
N815665		4.92	19.90	0.18	0.5	0.034	2.69	19.0	43.7	2.02	451	22.4	1.21	7.8	9.6	1410
N815666		5.83	18.80	0.20	0.5	0.079	3.16	26.2	26.2	0.88	716	85.2	0.69	7.1	10.1	1260
N815667		4.87	20.1	0.18	0.5	0.034	2.60	17.6	37.5	1.88	431	19.15	1.56	7.6	9.6	1420
N815668		4.65	20.4	0.17	0.5	0.028	2.36	16.6	53.7	2.03	368	15.10	1.39	7.1	9.9	1480
N815669		5.83	19.55	0.19	0.5	0.082	2.75	25.1	35.6	1.06	2180	55.3	0.71	6.7	12.3	1440
N815670		3.96	21.1	0.18	1.4	0.257	3.61	31.3	18.4	0.38	1560	51.2	0.07	10.0	10.5	1240
N815671		4.62	20.3	0.19	1.5	0.104	3.55	31.9	22.7	0.37	1420	65.9	0.06	9.9	25.1	1130
N815672		2.54	21.2	0.21	2.7	0.117	3.64	43.2	21.8	0.28	995	13.40	0.09	13.9	8.6	1040
N815673		1.60	16.55	0.15	2.1	0.041	2.50	20.8	19.7	0.15	232	13.15	0.17	13.9	2.9	270
N815674		1.46	19.30	0.14	2.4	0.032	2.75	22.8	34.2	0.16	250	11.05	0.21	13.9	2.8	330
N815675		4.37	18.10	0.22	0.9	0.060	3.40	39.5	31.4	0.51	451	66.7	0.36	8.3	7.4	1150
N815676		4.62	18.30	0.21	0.5	0.056	2.99	23.1	26.0	1.33	257	31.3	1.34	7.7	6.7	1390
N815677		4.66	17.40	0.21	0.5	0.107	3.10	20.5	26.5	1.88	506	41.8	1.41	7.5	7.4	1300
N815678		4.86	18.15	0.21	0.5	0.087	3.50	19.0	27.2	2.32	478	44.0	1.29	7.3	9.5	1370
N815679		5.52	17.80	0.22	0.5	0.179	3.26	27.4	23.8	1.75	684	38.5	0.88	7.6	8.4	1230
N815680		4.48	18.00	0.21	0.5	0.035	3.00	18.2	26.4	2.02	622	28.4	1.42	7.3	9.1	1440
N815681		5.43	17.50	0.20	0.6	0.065	3.03	22.9	18.5	0.97	556	52.2	0.77	7.0	9.1	1410
N815682		4.28	18.35	0.22	0.6	0.036	2.38	17.7	24.7	1.61	437	20.2	0.97	8.6	9.4	1460
N815683		5.74	11.70	0.15	1.6	0.455	1.17	9.4	12.7	1.13	1770	22.8	1.67	3.7	28.9	480
N815684		4.32	18.60	0.17	0.6	0.038	2.45	17.9	25.3	1.62	453	21.6	0.96	8.4	9.4	1490
N815685		4.12	17.15	0.21	0.5	0.032	2.77	21.2	20.3	1.66	322	29.1	1.50	7.1	8.4	1320
N815686		3.80	17.15	0.22	0.5	0.026	3.08	15.2	22.7	2.04	307	13.75	1.60	7.5	9.0	1370
N815687		4.66	17.20	0.21	0.5	0.035	2.90	17.3	20.6	1.90	311	21.3	1.22	7.4	9.2	1360
N815688		3.70	18.90	0.20	0.5	0.035	2.51	19.1	20.2	1.11	296	21.2	0.69	8.4	8.5	1470
M897951		0.51	0.38	0.16	<0.1	0.005	0.03	0.6	1.0	12.85	216	0.27	0.01	0.4	<0.2	160
N815690		3.96	18.75	0.21	0.5	0.122	2.92	25.4	23.7	0.57	356	47.7	0.42	6.8	9.0	1450
N815691		4.98	18.45	0.22	0.5	0.656	3.03	30.2	20.7	0.38	584	59.0	0.09	7.6	9.5	1540
N815692		4.98	17.10	0.20	0.5	0.149	2.68	32.2	26.5	0.42	457	51.1	0.19	7.6	10.0	1340
N815693		4.74	17.10	0.22	0.6	0.031	2.63	21.4	24.7	1.47	345	29.3	1.55	7.8	9.3	1380
N815694		4.31	16.30	0.21	0.5	0.040	3.03	25.1	55.5	1.34	375	32.8	1.07	7.4	8.9	1300
N815695		4.08	15.25	0.24	0.5	0.041	3.10	33.6	63.3	1.42	498	32.8	0.91	7.1	8.6	1250
N815696		4.18	16.70	0.20	0.4	0.043	3.54	21.4	57.8	1.00	452	29.9	0.79	7.2	10.6	1400
N815697		4.73	16.00	0.23	0.4	0.065	4.33	31.6	37.6	0.83	338	40.6	0.93	6.4	10.5	1060
N815698		4.71	20.0	0.19	0.4	0.062	4.08	34.8	36.1	0.41	290	79.3	0.14	5.5	9.0	1160
N815699		4.49	16.80	0.18	0.5	0.056	2.92	33.3	39.6	0.37	400	59.1	0.23	5.8	11.6	1160

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

CERTIFICATE OF ANALYSIS WH12205109

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815664		91.5	163.5	0.003	0.12	11.05	22.9	2	2.9	179.0	0.45	0.21	10.3	0.393	2.55	2.8
N815665		44.5	95.2	0.002	0.10	3.15	23.0	1	2.0	309	0.49	0.05	8.1	0.448	1.32	1.9
N815666		68.3	155.5	0.002	0.14	30.5	22.7	2	3.4	236	0.46	0.10	9.7	0.399	2.33	2.9
N815667		19.4	85.3	0.004	0.06	2.88	21.4	1	2.0	463	0.49	<0.05	7.5	0.455	1.22	1.5
N815668		35.8	92.2	0.003	0.04	2.82	23.3	2	1.8	311	0.45	0.05	7.6	0.440	1.33	1.5
N815669		75.9	134.5	0.003	0.11	16.55	22.3	2	3.3	240	0.45	0.14	8.8	0.403	2.09	2.7
N815670		22.7	186.0	0.006	0.42	33.1	17.6	2	3.0	51.2	0.66	0.16	10.3	0.354	3.38	3.7
N815671		61.1	191.0	0.002	0.36	47.9	17.9	2	2.7	136.5	0.69	0.42	10.0	0.388	3.27	4.8
N815672		21.5	171.5	<0.002	0.11	8.56	8.0	1	1.6	104.5	0.95	<0.05	11.9	0.293	3.11	4.4
N815673		42.8	108.5	<0.002	0.03	7.24	3.6	1	1.9	91.9	1.42	0.13	7.6	0.133	2.13	2.9
N815674		23.7	121.5	<0.002	0.03	6.46	3.9	1	2.0	80.9	1.46	0.07	8.3	0.152	2.30	2.7
N815675		222	168.0	0.005	0.07	25.7	17.8	2	4.7	158.5	0.60	0.19	11.5	0.355	2.28	3.4
N815676		24.2	113.5	0.002	0.04	4.29	19.1	2	3.3	309	0.52	0.09	10.6	0.421	1.24	2.1
N815677		53.2	116.0	0.005	0.04	2.21	19.2	2	4.2	299	0.50	0.10	9.5	0.395	1.51	1.8
N815678		41.1	113.5	0.005	0.06	2.20	20.6	2	4.6	258	0.47	0.11	8.1	0.407	1.63	1.9
N815679		112.5	118.0	0.003	0.18	3.88	19.4	2	7.9	243	0.51	0.20	8.6	0.426	1.85	2.2
N815680		32.3	96.0	0.003	0.02	1.81	19.5	2	2.4	309	0.49	0.05	7.9	0.440	1.51	1.4
N815681		50.4	105.0	0.002	0.25	3.98	20.0	2	3.4	256	0.48	0.07	8.2	0.411	1.57	2.0
N815682		22.8	89.1	0.002	0.01	1.75	20.7	2	2.4	199.0	0.58	<0.05	8.7	0.472	1.24	1.5
N815683		>10000	28.6	0.011	2.38	475	13.1	3	2.2	198.0	0.24	1.17	1.7	0.248	0.46	1.2
N815684		24.4	90.2	0.002	0.02	1.86	20.8	2	2.4	194.5	0.58	<0.05	8.7	0.481	1.20	1.6
N815685		17.8	129.0	0.004	0.05	2.82	19.9	2	2.6	274	0.47	0.05	9.0	0.410	1.35	1.6
N815686		13.0	110.0	0.003	0.02	1.42	19.7	2	2.0	293	0.49	<0.05	7.4	0.429	1.44	1.2
N815687		12.1	105.0	0.004	0.04	1.81	19.7	2	2.7	227	0.49	0.05	7.9	0.417	1.35	1.4
N815688		13.0	113.0	0.002	0.02	4.44	20.5	2	2.7	133.0	0.54	0.05	9.5	0.476	1.36	1.8
M897951		1.4	1.3	<0.002	0.01	0.05	0.3	<1	<0.2	52.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N815690		36.1	137.5	0.004	0.04	13.05	20.3	2	3.0	100.5	0.45	0.06	9.7	0.419	1.52	2.0
N815691		161.5	147.5	0.007	0.07	35.9	21.1	3	3.5	64.0	0.50	0.08	9.8	0.435	1.95	2.4
N815692		69.1	135.5	0.006	0.10	53.7	20.6	2	3.1	94.9	0.50	0.08	10.2	0.406	1.85	2.6
N815693		20.5	88.2	0.004	0.17	4.51	19.7	2	2.2	450	0.53	0.08	8.1	0.433	1.21	1.6
N815694		123.0	118.5	0.003	0.04	4.86	19.6	2	2.0	229	0.48	0.07	8.6	0.414	1.49	1.7
N815695		80.4	115.0	0.004	0.06	2.97	17.7	2	2.0	220	0.46	0.05	8.3	0.386	1.49	1.4
N815696		21.8	139.5	0.004	0.05	17.00	19.5	2	2.7	181.0	0.46	0.05	8.4	0.414	1.76	1.6
N815697		31.8	153.5	0.006	0.07	19.75	17.9	2	4.2	193.5	0.37	0.08	7.1	0.357	1.68	1.7
N815698		61.0	183.0	0.008	0.07	159.0	23.5	3	5.3	99.8	0.31	0.11	8.7	0.319	1.72	2.5
N815699		58.9	142.5	0.005	0.05	117.0	20.2	3	2.6	115.0	0.35	0.08	10.9	0.319	1.36	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

CERTIFICATE OF ANALYSIS WH12205109

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N815664		175	10.2	21.1	163	10.5	2	
N815665		180	3.7	17.1	111	10.7	1	
N815666		172	8.4	21.1	160	9.8	1	
N815667		186	2.2	16.7	109	10.7	1	
N815668		195	1.5	17.5	105	10.9	1	
N815669		179	7.3	21.4	261	10.9	2	
N815670		133	7.1	21.6	218	48.1	2	
N815671		129	10.7	17.4	330	51.1	1	
N815672		59	2.0	17.4	251	93.9	<1	
N815673		20	1.7	10.7	91	49.8	1	
N815674		21	1.4	11.0	88	58.7	<1	
N815675		145	8.9	19.6	208	23.6	1	
N815676		173	4.4	19.9	122	9.8	1	
N815677		162	2.9	19.1	189	9.7	1	
N815678		183	3.8	18.9	158	12.2	<1	
N815679		170	7.1	16.2	270	9.8	<1	
N815680		178	4.1	16.2	133	9.5	<1	
N815681		176	10.2	14.9	155	10.5	<1	
N815682		185	4.8	15.3	111	11.3	<1	
N815683		85	0.6	13.5	5410	53.2	105	1.005
N815684		188	4.7	15.4	116	10.8	<1	
N815685		164	4.4	18.0	102	10.1	<1	
N815686		170	2.4	14.8	79	10.0	<1	
N815687		171	2.9	16.3	108	9.2	<1	
N815688		194	2.9	18.7	125	10.2	<1	
M897951		2	0.1	0.8	17	<0.5	<1	
N815690		181	4.9	21.2	195	9.5	<1	
N815691		181	6.8	22.1	507	10.1	<1	
N815692		165	4.9	21.1	400	10.4	<1	
N815693		176	1.9	17.0	115	10.5	<1	
N815694		166	1.8	23.9	125	9.1	<1	
N815695		151	2.1	27.5	105	8.7	<1	
N815696		171	2.8	17.6	134	8.6	<1	
N815697		140	2.7	15.1	129	8.1	1	
N815698		145	5.3	20.7	166	10.3	2	
N815699		153	5.2	21.5	203	11.1	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

CERTIFICATE OF ANALYSIS WH12205109

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206240

Project: Klaza TR-12-39 Batch 5

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

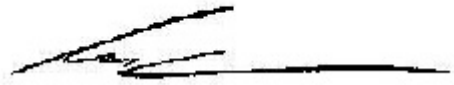
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 5

CERTIFICATE OF ANALYSIS WH12206240

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815700		3.59	0.101	1.49	8.28	100.5	1960	1.61	0.64	0.53	1.32	45.6	13.1	18	15.10	1000
N815701		3.18	0.074	1.12	8.12	16.5	3710	1.50	0.60	0.66	1.01	41.5	15.2	15	12.70	771
N815702		4.25	0.077	1.15	8.42	77.8	2470	1.74	0.53	0.85	1.20	50.1	16.3	16	16.75	788
N815703		4.69	0.069	1.25	8.70	80.5	2910	1.79	0.55	0.59	1.22	47.2	17.7	16	18.95	826
N815704		4.08	0.071	0.86	8.45	72.6	3430	1.77	0.63	0.95	1.33	52.1	16.9	17	13.15	726
N815705		3.64	0.066	1.19	8.24	179.5	550	1.81	0.74	0.28	2.49	54.9	22.3	15	26.6	1030
N815706		5.88	0.052	0.98	6.39	67.6	770	1.29	0.69	0.21	1.35	50.7	14.4	23	12.35	654
N815707		4.93	0.049	1.08	8.20	18.4	2340	1.66	0.74	0.39	1.68	55.7	15.2	18	16.05	778
N815708		9.71	0.069	0.84	9.04	10.1	2460	1.71	0.50	0.52	1.17	48.3	22.2	17	12.20	874
N815709		5.18	0.107	1.29	8.96	10.7	2260	1.70	0.60	0.52	1.30	53.8	19.6	17	12.10	738
N815710		4.47	0.041	0.68	9.39	21.1	1870	1.54	0.51	0.32	3.53	50.3	18.4	23	12.65	629
N815711		4.60	0.074	1.67	8.06	55.1	1410	1.45	2.18	0.14	2.50	51.5	16.7	19	20.2	535
N815712		4.31	0.121	2.66	8.32	109.5	920	1.87	2.30	0.16	3.28	43.3	11.7	21	21.2	633
N815713		3.79	0.106	1.69	8.79	112.5	940	2.07	0.89	0.31	1.72	49.1	15.2	18	27.8	651
N815714		4.09	0.127	2.20	8.07	113.0	1160	1.94	1.58	0.32	1.62	39.3	12.4	21	27.0	720
N815715		4.71	0.120	2.12	8.05	90.6	1270	2.44	1.38	0.30	1.68	57.5	14.0	20	27.4	638
N815716		3.29	0.021	0.47	7.77	36.4	1310	2.17	0.45	0.43	1.31	64.7	7.3	22	21.1	116.0
N815717		3.83	0.020	0.36	7.45	32.9	1140	1.93	0.46	0.45	1.98	60.9	7.7	15	15.75	152.0
N815718		3.58	0.010	0.23	7.96	18.1	1000	2.12	0.20	0.39	2.16	69.6	6.7	16	18.75	117.5
N815719		3.60	0.015	0.30	7.79	34.5	1060	2.18	0.27	0.32	1.98	68.0	10.2	15	18.65	134.5
N815720		2.90	0.011	0.31	7.32	35.2	1070	1.76	0.18	0.28	2.72	64.5	7.0	16	18.95	152.0
N815721		0.26	1.425	32.8	8.04	554	1270	1.72	1.13	0.30	32.7	72.8	6.3	18	3.66	134.0
N815722		3.99	0.012	0.37	7.11	61.7	1110	1.77	0.16	0.25	2.62	55.1	7.4	15	19.50	154.5
N815723		6.15	0.012	0.37	8.08	51.8	1340	1.88	0.24	0.26	3.24	65.5	7.7	19	17.65	213
N815724		4.05	0.110	2.01	8.42	297	860	1.62	0.86	0.13	5.51	47.3	5.4	18	29.9	683
N815725		3.95	0.042	1.83	8.43	46.6	1280	1.67	1.15	0.22	3.32	63.0	14.3	17	23.5	866
N815726		3.84	0.091	1.34	8.68	19.3	2720	1.75	0.58	0.75	2.41	55.4	27.0	16	18.05	1090
N815727		3.78	0.089	1.67	8.54	37.9	1440	1.52	1.07	0.34	2.03	54.1	9.2	18	20.1	903
N815728		4.06	0.056	0.90	8.09	11.2	2290	1.34	0.35	1.51	0.83	46.7	18.2	19	6.95	506
N815729		3.47	0.061	0.88	8.48	11.7	2100	1.38	0.46	1.12	1.24	47.0	14.1	19	10.55	671
N815730		4.57	0.083	2.59	8.67	125.5	1180	1.51	1.14	0.51	3.56	58.2	11.1	24	22.6	957
N815731		4.02	0.059	1.20	8.85	25.4	1590	1.60	0.39	0.82	3.49	74.6	30.9	16	20.4	1020
N815732		4.06	<0.005	0.02	0.09	<5	130	0.05	0.02	21.2	0.08	1.50	1.4	<1	0.26	7.2
N815733		3.56	0.065	0.87	8.32	10.2	1980	1.43	0.33	1.59	0.99	49.8	21.8	18	9.73	573
N815734		4.45	0.080	1.36	8.22	9.8	2060	1.30	0.69	0.95	1.06	46.7	10.2	16	10.25	654
N815735		4.08	0.180	7.37	7.94	72.2	1350	1.24	11.85	0.16	2.00	57.3	8.4	21	29.4	748

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 5

CERTIFICATE OF ANALYSIS WH12206240

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815700		3.86	16.70	0.16	0.6	0.077	3.60	20.8	26.8	0.61	357	58.0	0.47	6.9	9.5	1240
N815701		4.65	17.05	0.13	0.4	0.045	2.96	17.6	24.7	1.17	333	67.1	0.58	5.9	10.8	1230
N815702		4.31	18.15	0.15	0.5	0.074	2.73	20.0	25.3	1.01	411	48.2	0.89	7.1	9.9	1250
N815703		4.72	18.75	0.15	0.5	0.057	2.70	17.5	25.4	0.76	507	47.3	0.37	7.5	8.9	1310
N815704		5.06	17.60	0.13	0.5	0.092	2.25	22.8	27.3	1.11	449	36.8	0.84	7.2	10.1	1260
N815705		5.63	16.05	0.14	0.5	0.136	2.51	28.7	32.5	0.38	565	54.5	0.12	5.7	11.2	1250
N815706		3.55	11.35	0.13	0.4	0.067	2.14	23.9	25.2	0.38	520	36.6	0.15	4.1	6.6	870
N815707		4.52	15.85	0.17	0.4	0.066	3.02	27.8	29.2	0.92	486	34.7	0.23	5.9	11.1	1090
N815708		4.93	18.10	0.14	0.5	0.046	3.01	19.4	44.6	1.63	520	27.1	0.27	7.3	12.1	1290
N815709		5.24	17.75	0.12	0.5	0.058	2.43	25.0	40.3	1.31	504	33.6	0.45	6.2	10.3	1210
N815710		3.88	18.65	0.14	0.6	0.033	3.03	19.9	59.3	0.34	1160	25.9	0.11	7.9	11.0	1350
N815711		5.35	15.60	0.16	0.5	0.185	3.61	24.1	51.7	0.38	468	35.6	0.11	5.3	7.9	1000
N815712		5.33	15.30	0.12	0.6	1.105	3.62	18.8	11.7	0.45	1060	51.4	0.06	5.4	6.9	940
N815713		4.24	18.00	0.15	0.6	0.049	3.14	21.4	23.8	0.40	1200	39.0	0.05	7.0	9.7	1220
N815714		3.95	15.45	0.12	0.7	0.067	3.37	16.8	20.4	0.45	1680	40.6	0.11	6.2	9.6	1110
N815715		3.78	16.70	0.15	1.5	0.161	3.03	29.1	23.5	0.39	1020	32.7	0.07	6.5	12.0	1010
N815716		2.58	18.90	0.15	2.5	0.046	2.86	30.5	36.2	0.29	1020	13.95	0.18	9.1	12.2	840
N815717		2.77	17.05	0.14	1.6	0.046	2.52	28.8	31.7	0.31	1160	13.70	0.21	8.0	8.5	860
N815718		2.42	18.40	0.13	1.7	0.032	2.64	29.6	29.9	0.26	992	9.44	0.10	8.8	7.3	890
N815719		2.57	18.50	0.14	1.8	0.043	2.78	32.8	35.5	0.25	1460	14.15	0.11	8.9	8.5	890
N815720		2.49	19.30	0.17	1.6	0.037	2.86	32.6	36.9	0.23	800	11.45	0.09	9.5	9.5	860
N815721		5.69	24.7	0.25	2.2	0.256	3.72	35.4	24.6	0.29	1050	6.29	0.08	12.9	7.4	1760
N815722		2.54	19.50	0.18	1.8	0.041	3.02	26.1	36.8	0.22	757	12.15	0.07	9.7	9.1	870
N815723		2.71	21.7	0.21	2.2	0.043	3.20	31.5	47.8	0.24	744	18.05	0.11	10.5	11.6	920
N815724		5.70	18.75	0.23	0.6	0.069	3.79	32.7	8.8	0.45	419	86.3	0.06	7.7	8.2	900
N815725		4.93	18.05	0.23	0.5	0.082	3.53	35.0	18.3	0.54	799	85.8	0.26	5.7	9.1	960
N815726		5.00	20.5	0.21	0.5	0.063	2.67	27.6	33.4	1.11	845	50.4	1.22	6.7	11.4	1330
N815727		6.10	19.55	0.23	0.5	0.091	3.74	33.2	19.9	0.83	219	68.0	0.54	6.4	7.9	1060
N815728		4.54	20.0	0.21	0.5	0.038	2.62	21.8	26.6	1.79	411	36.1	1.80	8.4	9.9	1310
N815729		5.23	21.1	0.22	0.5	0.052	3.12	26.9	28.3	1.73	424	41.4	1.33	8.0	9.0	1270
N815730		6.65	19.70	0.25	0.5	0.467	3.56	32.5	12.6	0.70	517	97.1	0.46	6.9	7.9	1130
N815731		4.54	21.2	0.21	0.6	0.045	2.44	27.3	29.0	1.01	1840	42.5	0.77	8.0	10.8	1370
N815732		0.49	0.35	0.32	<0.1	0.007	0.04	0.7	1.0	12.90	199	0.67	0.01	0.4	2.2	200
N815733		4.68	20.2	0.23	0.5	0.035	2.64	23.5	21.7	1.88	402	37.5	1.67	7.6	9.2	1360
N815734		5.19	20.6	0.23	0.5	0.056	3.10	27.3	18.9	1.56	216	56.0	1.20	7.0	8.4	1160
N815735		5.86	18.80	0.24	0.4	0.139	3.53	38.5	14.3	0.43	192	74.0	0.21	5.4	6.5	830

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 5

CERTIFICATE OF ANALYSIS WH12206240

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815700		48.4	165.5	0.009	0.06	30.1	19.4	2	3.1	171.0	0.44	0.05	11.2	0.382	1.87	2.3
N815701		28.8	141.0	0.005	0.08	6.43	19.3	1	2.4	288	0.40	0.06	11.1	0.346	1.60	2.0
N815702		137.0	145.5	0.009	0.06	28.6	20.5	2	2.8	245	0.47	0.06	11.6	0.378	1.93	2.4
N815703		214	131.5	0.006	0.06	31.3	21.4	2	3.3	161.5	0.47	0.09	10.9	0.408	1.88	2.5
N815704		49.1	118.0	0.005	0.10	30.2	19.9	3	2.5	288	0.44	0.09	11.8	0.380	1.42	2.6
N815705		52.5	156.5	0.008	0.06	137.0	20.7	2	2.4	74.6	0.38	0.14	12.8	0.325	2.07	4.1
N815706		45.9	118.5	0.006	0.05	27.3	14.4	2	2.4	83.5	0.28	0.06	10.7	0.246	1.50	2.5
N815707		35.4	146.5	0.004	0.05	12.90	19.6	2	2.4	125.5	0.38	0.06	12.2	0.335	1.65	2.5
N815708		22.9	120.5	0.004	0.04	4.96	21.1	2	2.3	136.0	0.44	0.06	10.8	0.403	1.53	2.2
N815709		28.5	118.0	0.003	0.15	6.07	20.1	2	2.2	161.5	0.40	0.07	12.0	0.370	1.32	2.2
N815710		38.3	134.5	0.002	0.01	9.68	21.3	2	2.2	93.0	0.52	0.07	12.6	0.415	1.70	2.5
N815711		162.0	162.0	0.005	0.09	26.8	19.6	2	5.7	96.5	0.35	0.33	13.3	0.306	2.22	3.1
N815712		466	196.0	0.006	0.06	28.8	19.6	2	8.2	42.5	0.38	0.22	11.3	0.316	3.18	3.2
N815713		53.9	190.5	0.006	0.05	19.80	20.5	2	2.2	63.1	0.44	0.07	12.5	0.370	2.97	3.2
N815714		103.5	205	0.007	0.08	27.3	16.5	1	2.0	58.5	0.42	0.06	10.3	0.336	3.40	3.3
N815715		155.5	183.5	0.008	0.10	44.7	16.3	2	4.1	54.8	0.46	0.10	13.0	0.296	2.98	5.1
N815716		70.9	153.0	0.005	0.02	12.05	8.1	1	1.9	65.8	0.66	0.06	12.4	0.268	2.40	3.9
N815717		86.2	130.0	0.003	0.02	7.82	7.6	1	1.7	63.6	0.60	0.05	11.0	0.260	1.90	3.6
N815718		46.6	141.5	0.003	0.01	8.76	7.2	1	1.6	45.9	0.63	<0.05	11.6	0.275	2.06	3.7
N815719		59.2	146.0	0.002	0.01	10.45	7.3	1	1.5	53.4	0.63	<0.05	11.6	0.280	2.23	3.8
N815720		65.3	123.0	<0.002	0.01	10.05	6.9	1	1.4	46.8	0.64	<0.05	10.8	0.277	2.08	3.8
N815721		4040	174.0	0.004	0.62	66.6	15.2	4	21.9	387	0.82	0.31	7.9	0.461	2.03	3.8
N815722		77.8	120.5	<0.002	0.01	8.24	6.1	1	1.3	45.1	0.71	0.05	9.7	0.283	2.26	3.7
N815723		37.3	136.0	<0.002	0.01	6.64	7.6	1	1.6	65.9	0.77	<0.05	11.8	0.302	2.55	4.5
N815724		228	201	0.002	0.30	31.4	19.0	2	3.6	79.1	0.49	0.13	12.0	0.391	3.67	4.1
N815725		55.4	183.0	0.007	0.18	10.05	20.0	2	6.3	127.5	0.37	0.13	11.2	0.301	2.68	3.3
N815726		30.7	115.5	0.006	0.09	7.05	19.3	2	2.4	260	0.43	0.10	12.0	0.358	1.65	2.9
N815727		65.5	173.0	0.003	0.09	5.83	18.7	3	5.0	143.0	0.41	0.13	13.6	0.331	2.04	2.9
N815728		46.6	81.7	0.012	0.08	1.67	18.2	2	2.3	385	0.54	0.06	10.8	0.413	1.23	2.0
N815729		65.2	120.0	0.006	0.04	1.39	20.0	2	3.6	287	0.51	0.07	12.0	0.399	1.55	2.3
N815730		868	180.0	0.004	0.12	15.60	19.6	3	6.5	153.5	0.40	0.13	13.9	0.341	2.45	4.3
N815731		42.1	117.0	0.002	0.03	4.78	21.2	2	2.7	210	0.52	0.07	14.0	0.434	1.70	3.1
N815732		5.9	1.9	<0.002	<0.01	0.09	0.3	1	<0.2	49.5	<0.05	<0.05	0.2	<0.005	0.02	0.9
N815733		16.3	89.8	0.008	0.06	1.27	20.1	2	2.8	374	0.48	0.05	11.4	0.434	1.27	2.1
N815734		56.3	124.0	0.007	0.10	1.57	19.1	2	3.6	281	0.44	0.08	11.3	0.370	1.43	2.4
N815735		340	185.5	0.003	0.85	52.5	16.8	2	6.9	105.5	0.35	0.24	13.0	0.295	2.05	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 5

CERTIFICATE OF ANALYSIS WH12206240

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815700		156	12.1	17.2	125	13.1	<1
N815701		160	6.0	17.9	105	7.8	1
N815702		159	5.7	19.2	168	9.9	<1
N815703		171	5.7	18.0	266	9.8	<1
N815704		159	6.5	20.3	174	10.6	<1
N815705		152	7.1	23.8	253	9.6	<1
N815706		109	9.6	15.3	122	8.5	<1
N815707		150	5.7	20.1	211	9.4	<1
N815708		177	5.6	18.2	164	10.4	<1
N815709		166	6.4	17.9	158	10.0	<1
N815710		186	16.0	21.1	196	10.8	<1
N815711		158	14.8	16.1	307	10.2	1
N815712		155	19.6	14.2	416	11.2	2
N815713		162	6.5	18.2	199	11.5	1
N815714		140	5.6	15.7	147	14.8	2
N815715		123	6.6	18.5	195	47.6	2
N815716		58	2.2	13.1	162	77.5	<1
N815717		57	2.0	11.6	176	38.6	<1
N815718		54	1.8	10.5	168	45.1	<1
N815719		53	1.9	11.7	194	47.2	<1
N815720		51	2.1	12.2	187	46.5	<1
N815721		143	3.9	19.7	2490	58.8	32
N815722		50	2.4	9.9	175	49.8	<1
N815723		55	2.6	12.2	230	64.4	<1
N815724		158	9.8	14.6	232	12.7	2
N815725		147	13.7	20.2	180	10.6	2
N815726		154	3.3	24.7	234	10.3	1
N815727		157	14.4	17.2	208	9.6	1
N815728		155	2.5	19.0	125	11.2	1
N815729		166	6.7	20.1	181	9.9	1
N815730		155	15.3	18.9	601	10.4	2
N815731		171	4.7	25.5	465	12.9	1
N815732		2	0.2	0.9	18	<0.5	<1
N815733		169	4.8	20.3	116	11.5	1
N815734		156	7.1	18.6	136	10.2	1
N815735		140	14.7	16.3	214	9.4	7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 5

CERTIFICATE OF ANALYSIS WH12206240

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206241

Project: Klaza TR-12-39 Batch 6

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

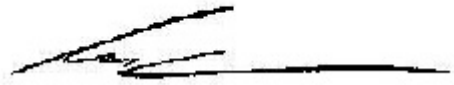
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

CERTIFICATE OF ANALYSIS WH12206241

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815736		3.75	0.206	1.64	7.74	58.5	2180	1.74	1.42	1.23	0.78	46.1	16.1	18	9.28	502
N815737		4.10	0.106	2.63	7.50	21.7	2350	1.81	1.67	1.07	0.92	38.4	13.4	16	7.54	568
N815738		3.51	0.166	1.31	7.22	42.8	2090	1.63	1.01	1.22	0.80	40.4	9.1	16	5.71	404
N815739		4.21	0.130	2.03	7.28	43.2	2440	1.55	1.79	0.65	0.97	49.5	8.9	15	10.90	349
N815740		4.85	0.091	2.48	7.40	29.0	1660	1.48	1.76	0.37	0.91	49.1	6.4	17	11.60	395
N815741		4.46	0.102	1.42	6.98	21.6	2080	1.55	0.98	0.85	0.67	36.4	11.5	16	8.12	351
N815742		4.38	0.148	5.19	7.28	59.0	960	1.47	8.83	0.11	1.98	59.2	6.6	17	14.60	481
N815743		3.90	0.138	2.61	8.05	83.3	1550	1.72	2.35	0.22	2.73	51.5	13.8	16	18.65	687
N815744		3.86	0.178	2.83	6.95	148.0	850	1.14	2.08	0.16	2.18	57.3	3.3	15	26.8	478
N815745		5.77	0.205	2.68	8.00	162.5	1570	2.01	1.65	0.35	4.58	61.2	18.4	17	24.0	863
N815746		3.70	0.657	4.03	7.74	211	1830	1.67	4.85	0.35	2.13	55.5	6.5	14	21.0	420
N815747		3.82	0.104	1.38	8.33	114.5	3210	1.62	0.88	0.72	2.46	55.1	15.3	16	19.40	597
N815748		4.46	0.140	2.14	8.05	240	1030	1.52	1.46	0.30	4.61	54.4	12.4	16	27.3	691
N815749		3.84	0.257	2.99	7.12	229	2670	1.30	2.49	0.38	2.98	66.1	5.0	13	25.5	539
N815750		3.78	0.188	1.63	7.91	61.2	2320	1.43	1.37	0.99	1.87	58.3	10.6	13	14.50	497
N815751		4.11	0.094	4.00	7.10	97.3	1400	1.32	4.76	0.26	2.51	62.4	5.3	12	26.7	583
N815752		4.60	0.100	1.99	7.59	62.5	1940	1.45	1.41	0.60	2.53	64.3	13.0	12	14.10	673
N815753		3.99	0.090	1.66	7.87	60.3	2650	1.52	1.33	0.63	3.20	67.2	14.4	15	11.00	502
N815754		3.90	0.134	3.50	8.18	102.0	790	1.70	0.73	0.24	4.82	63.3	13.7	14	25.6	986
N815755		3.62	0.064	1.71	7.75	54.1	2360	1.37	1.25	0.65	4.22	69.7	12.0	15	15.35	429
N815756		4.54	0.181	13.50	6.43	144.0	1870	1.11	25.4	0.13	5.53	48.2	3.1	13	13.85	384
N815757		5.35	0.168	7.10	8.07	186.5	2150	1.74	0.93	0.33	16.75	56.5	11.8	13	22.7	611
N815758		4.11	0.096	3.61	8.30	196.0	2360	1.78	0.97	0.34	33.8	65.5	16.7	16	23.8	865
N815759		4.16	0.074	2.46	8.36	39.5	1140	1.37	1.35	0.34	3.32	57.0	14.0	20	18.15	656
N815760		5.72	1.115	34.4	8.41	439	1340	0.99	44.3	0.16	5.73	89.3	2.0	19	17.20	662
N815761		2.26	<0.005	0.07	0.07	<5	30	0.07	0.08	20.5	0.08	1.40	0.5	<1	0.16	3.9
N815762		4.12	0.177	4.90	8.03	114.0	3020	1.07	3.41	0.53	4.15	65.5	11.0	47	18.35	711
N815763		4.61	0.053	0.83	7.72	14.6	1440	1.47	0.72	1.29	1.63	41.0	18.6	166	11.50	492
N815764		4.96	0.100	1.24	7.98	74.6	1600	1.53	0.84	0.31	2.99	52.4	12.4	74	19.35	757
N815765		5.29	0.163	1.87	7.76	158.5	1080	1.60	1.25	0.32	4.83	54.4	13.1	85	20.7	635
N815766		0.26	0.288	>100	5.41	243	430	0.60	4.76	1.52	25.4	18.10	11.7	66	0.86	6220
N815767		3.51	0.046	1.58	7.46	22.9	1290	1.35	2.26	0.73	2.03	39.6	16.5	183	13.15	530
N815768		4.48	0.101	3.29	7.90	74.6	1450	1.51	2.84	0.36	2.93	50.3	12.9	106	17.60	866
N815769		5.04	0.049	1.23	7.73	25.4	1140	1.46	1.49	0.50	2.04	48.5	13.7	76	15.55	704
N815770		6.10	0.046	0.79	8.24	24.8	1810	1.35	0.53	0.51	2.24	54.7	16.5	45	20.1	611
N815771		4.71	0.072	0.91	7.96	15.2	2300	1.48	0.68	1.16	1.68	49.8	15.4	97	10.90	544

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

CERTIFICATE OF ANALYSIS WH12206241

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815736		4.12	18.20	0.10	0.6	0.054	2.56	16.9	15.9	1.47	378	25.0	1.40	7.4	9.0	1230
N815737		4.67	17.70	0.12	0.6	0.096	2.85	17.5	17.3	1.66	520	33.3	1.10	7.0	8.7	1220
N815738		4.73	15.90	0.12	0.6	0.083	2.63	18.4	13.6	1.57	215	43.2	1.41	6.4	8.4	1260
N815739		4.43	16.80	0.14	0.5	0.112	3.37	26.1	14.3	1.12	301	38.0	0.91	6.2	7.8	1030
N815740		4.61	15.80	0.15	0.5	0.159	3.25	27.5	14.8	0.89	187	49.4	0.55	6.1	6.3	890
N815741		4.40	16.45	0.16	0.5	0.074	2.77	16.3	19.9	1.25	187	33.3	1.12	6.9	8.3	1060
N815742		4.37	14.35	0.18	0.5	0.230	3.40	33.0	9.2	0.42	352	61.4	0.10	5.0	7.1	780
N815743		4.41	19.00	0.12	0.5	0.132	3.75	21.5	10.6	0.43	866	50.0	0.27	6.2	10.3	1110
N815744		5.76	16.05	0.22	0.5	0.171	3.43	32.5	8.0	0.43	226	90.8	0.09	5.0	4.8	850
N815745		7.14	17.70	0.16	0.5	0.168	3.13	33.3	15.8	0.43	1310	94.6	0.48	6.6	11.5	1480
N815746		4.83	20.6	0.19	0.5	0.096	3.50	32.8	14.0	0.55	211	52.6	0.67	6.0	6.5	740
N815747		4.55	18.15	0.14	0.6	0.073	3.11	28.8	19.7	0.72	501	43.6	0.87	8.1	10.0	1290
N815748		4.90	17.75	0.15	0.6	0.115	3.36	31.6	15.9	0.41	759	51.6	0.17	7.6	9.4	1080
N815749		5.79	16.70	0.19	0.5	0.194	3.61	41.0	14.7	0.52	243	45.4	0.46	5.9	5.9	900
N815750		5.37	17.70	0.18	0.6	0.116	3.30	32.5	18.5	0.96	349	37.1	1.33	6.9	8.0	1080
N815751		5.27	15.05	0.18	0.7	0.324	3.30	39.6	12.2	0.46	209	80.3	0.26	4.8	5.5	790
N815752		4.46	15.60	0.18	0.5	0.131	3.42	34.3	17.3	0.76	576	63.5	0.99	5.9	8.5	1120
N815753		3.98	16.55	0.19	0.7	0.078	3.77	32.5	20.7	0.89	1170	49.6	0.86	6.9	8.2	1110
N815754		4.66	17.15	0.18	0.6	0.146	3.60	34.0	14.6	0.46	1040	84.6	0.20	6.5	6.8	1080
N815755		4.68	16.40	0.22	0.7	0.115	2.96	37.4	20.5	0.58	852	75.2	0.90	7.3	8.1	1160
N815756		3.94	12.50	0.16	0.6	0.611	2.96	31.9	12.3	0.32	641	72.3	0.09	5.6	4.4	540
N815757		5.25	17.05	0.16	0.6	0.115	3.49	34.5	13.8	0.39	4760	86.7	0.17	7.1	12.7	1170
N815758		5.20	17.55	0.19	0.6	0.095	3.47	34.2	13.9	0.47	7730	85.0	0.20	7.4	27.7	1230
N815759		4.38	16.95	0.18	0.5	0.096	3.12	28.6	26.6	0.38	707	100.0	0.14	6.2	8.8	1260
N815760		5.55	16.80	0.24	0.6	2.51	3.90	56.1	8.3	0.36	235	133.0	0.09	6.0	3.8	710
N815761		0.45	0.20	0.12	<0.1	0.010	0.03	0.7	1.0	12.95	199	0.80	0.01	0.1	0.8	190
N815762		5.31	16.75	0.18	0.6	0.328	3.28	36.0	20.6	0.95	677	84.0	0.54	6.3	17.3	970
N815763		4.47	17.15	0.18	1.3	0.046	2.36	21.6	25.4	2.00	687	33.3	1.65	6.5	50.7	900
N815764		4.02	17.55	0.20	1.6	0.051	3.19	30.4	22.3	0.46	982	45.4	0.50	5.9	21.1	770
N815765		3.48	16.30	0.17	1.6	0.041	3.15	25.8	15.0	0.50	2340	35.0	0.26	6.5	23.3	770
N815766		5.78	11.95	0.13	1.6	0.452	1.13	8.6	12.7	1.14	1770	21.0	1.61	3.1	28.3	460
N815767		4.48	17.60	0.14	1.7	0.055	2.50	21.4	26.6	1.54	523	23.5	1.39	6.6	48.5	790
N815768		5.21	19.00	0.16	1.6	0.179	3.19	28.4	29.1	1.05	691	78.8	0.58	6.0	29.6	790
N815769		3.91	17.80	0.16	1.7	0.095	2.69	25.1	25.2	1.05	526	36.3	1.05	6.7	24.1	730
N815770		3.94	17.30	0.15	0.9	0.044	2.89	24.5	29.7	0.81	587	28.3	0.51	7.7	15.7	1040
N815771		4.40	16.75	0.16	0.9	0.052	3.22	24.0	24.8	1.69	571	34.4	1.46	7.0	30.5	1090

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

CERTIFICATE OF ANALYSIS WH12206241

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815736		49.7	100.0	0.005	0.07	2.93	18.1	2	5.0	335	0.49	0.11	10.6	0.409	1.31	2.3
N815737		161.5	104.0	0.005	0.05	2.25	18.3	2	3.8	267	0.48	0.10	11.1	0.377	1.63	2.5
N815738		53.1	81.5	0.009	0.12	2.32	15.9	1	3.3	317	0.46	0.08	10.5	0.349	1.41	2.4
N815739		105.5	143.5	0.008	0.35	2.58	16.9	2	4.8	214	0.41	0.14	11.8	0.319	1.98	2.1
N815740		147.5	144.0	0.005	0.21	3.36	17.1	2	6.5	138.5	0.38	0.24	13.5	0.311	1.95	2.3
N815741		47.4	77.9	0.005	0.10	2.41	15.3	2	2.6	232	0.45	0.11	10.1	0.348	1.48	2.0
N815742		467	163.5	0.008	0.15	8.32	16.8	3	7.0	76.3	0.34	0.92	11.7	0.276	2.27	3.0
N815743		166.5	180.5	0.007	0.20	8.56	19.2	2	7.7	110.5	0.40	0.20	12.1	0.314	2.75	3.9
N815744		172.5	192.5	0.008	0.83	11.50	15.7	1	7.1	96.8	0.33	0.14	14.5	0.280	2.72	3.0
N815745		169.5	159.0	0.005	0.25	18.00	19.4	2	5.8	152.5	0.45	0.09	19.1	0.331	2.39	4.4
N815746		113.0	193.5	0.006	0.61	5.68	17.9	1	15.1	187.5	0.41	0.36	12.5	0.288	2.12	2.6
N815747		53.1	139.0	0.006	0.14	22.5	16.6	1	3.7	271	0.55	0.05	13.5	0.396	2.03	3.3
N815748		84.4	173.0	0.004	0.35	64.5	16.3	2	6.1	125.0	0.50	0.16	13.2	0.378	2.77	4.2
N815749		107.0	175.0	0.003	0.86	37.2	15.3	1	7.3	237	0.41	0.31	14.5	0.312	2.45	3.4
N815750		71.1	135.5	0.002	0.43	3.16	15.1	1	4.5	325	0.48	0.12	14.9	0.347	1.91	2.9
N815751		217	167.0	0.007	0.56	10.60	14.7	2	4.2	141.5	0.32	0.47	16.1	0.270	2.61	3.8
N815752		161.0	155.5	0.005	0.10	5.31	14.5	2	2.7	211	0.39	0.11	14.9	0.311	1.99	3.4
N815753		111.0	157.0	0.005	0.08	7.26	15.4	1	2.9	226	0.51	<0.05	15.3	0.346	2.26	2.7
N815754		480	187.5	0.006	0.22	9.58	15.7	1	4.9	73.4	0.48	0.07	14.7	0.340	2.92	3.5
N815755		177.0	133.5	0.012	0.13	9.12	15.4	1	3.2	234	0.55	0.18	16.5	0.353	2.09	3.1
N815756		800	132.5	0.005	0.38	23.5	13.3	4	8.8	76.1	0.39	3.98	11.0	0.270	2.31	3.0
N815757		2500	166.0	0.003	0.21	22.3	16.1	2	3.9	124.0	0.51	0.12	15.2	0.370	3.05	4.8
N815758		302	178.5	<0.002	0.15	21.8	18.3	2	3.2	159.5	0.52	0.11	14.6	0.357	3.83	5.6
N815759		75.4	151.5	0.011	0.04	15.05	16.1	1	2.8	96.1	0.43	0.18	13.5	0.351	2.60	3.4
N815760		1525	179.5	0.003	0.83	28.1	17.6	7	18.0	79.2	0.42	4.30	15.2	0.345	3.54	3.2
N815761		5.2	1.3	<0.002	<0.01	0.12	0.2	<1	0.2	50.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N815762		253	145.0	0.005	0.45	8.67	16.9	2	3.9	208	0.44	0.35	12.3	0.365	2.31	2.8
N815763		71.5	95.0	0.010	0.05	2.46	15.5	1	2.6	312	0.49	0.09	9.9	0.324	1.50	2.3
N815764		53.8	148.0	0.005	0.06	19.65	10.7	1	2.6	119.5	0.52	0.10	12.1	0.231	2.34	3.3
N815765		69.2	156.0	0.002	0.05	35.0	10.4	1	1.7	70.7	0.56	0.11	11.0	0.253	2.82	3.2
N815766		>10000	26.4	0.010	2.31	460	11.5	1	1.9	189.0	0.20	1.05	2.0	0.251	0.50	1.3
N815767		85.6	99.4	0.004	0.05	4.70	12.9	1	3.0	244	0.55	0.09	8.9	0.282	1.70	2.5
N815768		145.5	157.5	0.004	0.05	8.93	12.3	1	5.9	128.0	0.48	0.16	10.5	0.238	2.39	3.5
N815769		82.5	121.5	<0.002	0.02	6.78	11.1	1	2.6	172.5	0.55	0.07	12.2	0.232	1.70	2.7
N815770		53.7	118.0	<0.002	0.02	7.32	14.5	1	2.5	144.5	0.55	<0.05	11.9	0.349	1.60	2.6
N815771		54.4	122.5	0.007	0.06	2.99	15.7	2	2.5	302	0.51	0.07	12.5	0.370	1.62	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

CERTIFICATE OF ANALYSIS WH12206241

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815736		153	2.1	15.1	120	10.8	1	
N815737		144	3.4	16.4	206	10.7	2	
N815738		138	5.3	15.8	141	9.7	1	
N815739		133	7.4	12.9	178	10.7	2	
N815740		135	12.8	12.2	192	9.4	2	
N815741		138	2.6	13.6	152	9.4	1	
N815742		139	18.8	13.3	313	10.2	5	
N815743		142	8.5	17.0	352	10.2	2	
N815744		125	5.3	12.4	254	9.5	2	
N815745		132	3.8	23.0	473	9.6	2	
N815746		135	6.3	14.7	172	10.0	4	
N815747		147	3.1	20.5	278	10.6	1	
N815748		139	4.6	19.9	312	11.1	2	
N815749		129	5.2	16.0	340	12.5	3	
N815750		134	3.5	17.4	272	10.1	2	
N815751		123	9.0	16.6	323	9.8	4	
N815752		121	3.8	20.2	388	11.1	2	
N815753		133	5.2	17.6	371	13.2	1	
N815754		142	5.3	16.7	548	11.6	4	
N815755		133	34.7	18.5	518	12.6	2	
N815756		132	45.4	11.9	520	9.9	14	
N815757		140	8.2	20.8	1460	10.6	8	
N815758		142	8.8	24.2	1060	11.6	3	
N815759		145	4.2	20.5	340	10.5	2	
N815760		145	45.2	13.6	324	11.6	34	
N815761		3	0.1	0.9	17	<0.5	<1	
N815762		149	12.8	18.1	290	13.9	5	
N815763		132	3.5	14.2	228	35.1	2	
N815764		93	4.5	15.3	216	41.1	1	
N815765		94	3.3	14.9	239	39.9	2	
N815766		82	0.6	12.9	5360	45.7	101	1.035
N815767		111	3.9	13.3	231	48.9	2	
N815768		99	5.1	14.8	380	47.6	3	
N815769		88	2.9	15.4	282	49.6	1	
N815770		130	3.9	17.9	261	21.4	1	
N815771		142	3.7	17.1	201	20.2	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

CERTIFICATE OF ANALYSIS WH12206241

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206242

Project: Klaza TR-12-39 Batch 7

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

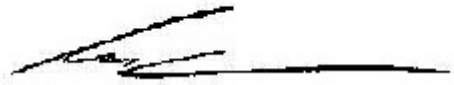
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 7

CERTIFICATE OF ANALYSIS WH12206242

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815772		4.83	0.059	1.40	7.69	48.3	3090	1.80	1.12	0.52	2.62	46.2	13.5	14	18.35	888
N815773		3.79	0.073	1.44	7.38	78.6	1050	1.88	1.67	0.27	3.12	46.1	13.0	13	20.8	1145
N815774		4.57	0.148	1.74	7.89	93.5	1540	1.55	0.43	0.28	3.31	51.0	13.5	13	19.65	922
N815775		3.47	0.173	2.14	7.46	170.5	1340	1.66	0.56	0.21	5.18	62.5	19.1	12	23.6	1395
N815776		3.83	0.177	1.99	8.17	93.4	3200	1.51	0.49	0.28	2.81	55.5	19.3	13	18.95	1315
N815777		3.93	0.165	1.66	7.37	95.1	820	1.39	0.63	0.19	2.67	54.8	12.4	12	17.25	999
N815778		4.44	0.094	1.26	6.80	67.0	550	1.35	0.60	0.20	2.93	57.6	12.8	10	18.20	909
N815779		4.45	0.062	0.98	8.00	44.9	1950	1.53	0.54	0.32	2.50	59.6	13.4	12	20.1	771
N815780		5.59	0.070	0.67	7.96	16.5	2080	1.63	0.32	0.59	1.48	45.8	19.7	12	12.50	645
N815781		5.16	0.027	1.11	7.73	11.0	1860	1.66	1.04	0.52	1.64	42.4	15.7	10	13.25	636
N815782		3.49	0.062	2.86	7.31	15.1	1650	1.47	3.13	0.41	1.72	38.6	10.1	11	11.20	727
N815783		5.30	0.047	1.01	7.90	10.4	2240	1.61	0.73	1.07	1.57	45.0	14.3	12	9.29	567
N815784		6.72	0.043	0.92	7.55	10.5	2160	1.57	0.49	1.18	1.59	43.8	14.7	15	8.90	495
N815785		4.04	0.089	1.14	8.03	29.9	2140	1.91	1.13	1.19	2.64	64.4	15.3	16	10.40	668
N815786		3.64	0.056	1.37	7.78	19.4	2140	1.69	0.81	0.61	3.00	63.5	17.9	13	16.15	632
N815787		5.51	0.064	0.95	7.66	12.4	2340	1.69	0.46	1.16	1.89	56.9	16.0	15	6.47	455
N815788		4.89	0.069	1.50	7.24	25.9	1760	1.51	0.97	0.37	2.79	51.8	17.9	13	13.25	703
N815789		6.02	0.066	0.94	7.73	10.7	2110	1.55	0.31	0.73	2.48	55.1	16.2	12	10.15	504
N815790		4.65	0.069	0.67	7.80	24.5	2480	1.73	0.32	1.01	4.23	57.6	16.9	14	9.41	463
N815791		5.09	0.431	2.71	7.87	196.0	1440	2.04	1.11	0.22	35.1	97.4	40.0	10	25.2	1560
N815792		3.83	0.066	0.89	8.32	14.3	2510	1.78	0.56	0.92	9.22	68.9	24.3	11	10.00	681
N815793		4.23	0.095	1.69	8.36	20.1	1740	1.72	0.87	0.30	14.35	71.1	37.1	11	19.55	992
N815794		3.96	0.069	2.28	7.78	13.2	2020	1.74	2.63	1.19	4.91	44.2	17.0	14	8.49	556
N815795		4.97	0.060	4.26	6.68	27.3	1430	1.16	3.99	0.25	13.45	53.9	2.5	9	22.0	504
N815796		4.76	0.060	1.34	7.66	18.1	1960	1.53	0.76	0.34	2.89	53.0	9.5	16	12.75	532
N815797		5.65	0.112	2.14	7.45	70.4	2390	1.27	1.58	0.36	3.25	53.6	3.9	11	16.20	444
N815798		6.21	0.092	2.37	7.55	82.4	1920	1.33	1.90	0.20	4.23	58.5	3.8	11	20.8	437
N815799		5.54	0.112	1.40	7.78	31.5	2750	1.66	1.49	0.15	5.68	43.2	15.1	12	16.55	648
N815800		6.50	0.109	1.46	7.44	50.3	2270	1.34	1.50	0.06	2.50	46.4	4.0	11	12.95	269
N815801		2.41	<0.005	0.01	0.07	<5	20	0.06	0.03	19.35	0.06	1.06	1.6	<1	0.39	3.4
N815802		5.75	0.173	1.51	7.50	40.5	2350	1.26	1.07	0.20	3.59	50.9	5.7	11	19.05	390
N815803		5.04	0.089	1.71	7.81	13.4	1960	1.63	0.92	0.62	4.34	48.5	16.0	11	12.35	494
N815804		4.47	0.288	1.77	6.97	17.9	2210	1.21	1.49	0.37	3.07	58.4	7.0	11	17.75	449
N815805		3.38	0.297	6.31	7.96	65.7	1860	1.81	1.15	0.52	4.71	58.7	15.2	11	16.85	571
N815806		0.22	1.425	31.2	7.65	516	1240	1.80	1.13	0.28	29.7	61.5	6.3	17	3.20	128.5
N815807		5.81	0.148	18.60	7.74	111.5	1890	1.35	0.80	0.40	11.95	66.0	8.9	13	25.9	394

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 7

CERTIFICATE OF ANALYSIS WH12206242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815772		4.14	18.15	0.16	0.7	0.087	3.54	26.7	17.2	0.51	607	48.8	0.64	7.5	7.3	1070
N815773		4.79	16.90	0.20	0.6	0.097	3.48	29.3	14.8	0.39	721	60.5	0.23	5.6	7.6	970
N815774		3.59	18.00	0.17	0.7	0.062	3.41	26.4	17.6	0.33	1220	49.7	0.25	7.7	6.8	1050
N815775		4.00	18.20	0.16	0.6	0.067	3.45	34.6	14.0	0.40	4420	96.7	0.04	6.1	7.8	950
N815776		3.44	19.75	0.18	0.6	0.061	3.92	27.0	19.8	0.32	1280	66.2	0.23	7.2	6.8	1120
N815777		3.91	16.85	0.19	0.5	0.063	3.29	30.0	19.3	0.34	891	68.1	0.07	5.2	5.7	900
N815778		3.75	15.40	0.19	0.4	0.043	2.94	31.1	17.6	0.33	1080	72.1	0.04	5.0	6.4	890
N815779		3.87	17.35	0.17	0.5	0.042	3.32	33.1	16.9	0.34	549	57.0	0.56	7.7	6.0	1060
N815780		3.58	20.3	0.18	0.6	0.033	2.86	21.7	22.7	0.64	470	34.1	0.83	8.6	8.0	1170
N815781		4.26	17.65	0.20	0.6	0.055	3.55	24.4	15.4	0.78	350	65.1	1.15	7.0	5.9	1000
N815782		4.64	15.30	0.21	0.6	0.162	3.50	23.2	15.3	0.81	334	79.5	0.57	5.7	4.5	920
N815783		4.63	18.35	0.20	0.5	0.059	3.23	25.0	21.6	1.41	461	45.8	1.42	7.6	7.1	1150
N815784		4.31	18.25	0.18	0.5	0.064	2.94	23.8	19.8	1.43	632	37.1	1.46	8.0	7.4	1120
N815785		5.52	18.85	0.16	0.7	0.290	3.10	32.5	21.2	1.55	1390	49.5	1.22	9.3	9.1	1210
N815786		4.34	17.80	0.16	0.6	0.074	3.51	31.5	15.9	1.19	941	94.1	1.14	8.0	7.7	1020
N815787		3.79	18.15	0.15	0.7	0.060	3.26	28.1	16.4	1.44	666	56.9	1.84	8.8	8.0	1130
N815788		5.02	16.40	0.16	0.5	0.098	2.92	25.3	20.5	1.12	724	86.5	0.75	6.3	8.0	1030
N815789		3.58	17.80	0.13	0.6	0.048	3.11	22.3	23.1	1.34	914	42.4	1.40	8.6	8.1	1110
N815790		3.84	18.50	0.15	0.6	0.045	2.88	24.0	21.2	1.27	990	41.7	1.64	9.4	8.7	1190
N815791		5.28	18.30	0.21	0.6	0.135	3.47	42.2	10.7	0.41	6670	121.0	0.19	7.1	18.4	1060
N815792		4.36	18.90	0.17	0.5	0.062	2.91	31.6	19.8	1.04	1560	52.1	1.47	9.0	10.2	1220
N815793		4.60	18.85	0.17	0.6	0.094	3.44	29.7	13.0	0.59	2780	87.3	0.97	7.7	12.1	1230
N815794		4.68	19.15	0.21	0.5	0.092	2.78	22.9	20.5	1.22	914	52.3	1.39	7.6	8.4	1190
N815795		6.34	16.75	0.24	0.4	0.163	3.48	32.6	11.0	0.62	1300	61.5	0.38	6.0	5.9	940
N815796		4.24	16.75	0.19	0.6	0.093	3.44	29.3	15.6	0.93	445	71.1	1.23	6.3	6.4	1080
N815797		5.47	17.55	0.21	0.5	0.121	3.86	33.4	14.0	0.87	307	57.4	0.71	4.9	4.5	1020
N815798		5.28	18.35	0.24	0.5	0.148	3.98	37.8	11.9	0.55	482	43.9	0.44	5.9	3.9	910
N815799		3.89	15.65	0.20	0.5	0.068	4.11	23.3	9.8	0.57	1210	62.1	0.45	5.0	4.5	770
N815800		4.07	15.35	0.21	0.5	0.119	4.19	28.3	7.0	0.34	188	46.6	0.19	4.2	2.1	580
N815801		0.44	0.29	0.08	<0.1	<0.005	0.04	0.5	1.1	11.35	192	0.33	<0.01	0.2	2.4	160
N815802		4.61	15.60	0.21	0.5	0.091	4.63	33.3	9.7	0.49	277	58.8	0.43	4.8	3.3	690
N815803		4.56	17.10	0.20	0.4	0.121	3.20	27.2	17.8	0.90	540	59.5	0.90	6.7	6.6	1000
N815804		5.90	15.90	0.25	0.4	0.222	3.57	37.1	15.6	0.67	287	47.1	0.69	5.7	4.5	930
N815805		4.71	20.6	0.20	0.5	0.757	3.29	31.2	17.5	0.69	641	36.0	0.72	7.6	6.7	1040
N815806		5.26	22.9	0.22	2.3	0.245	3.52	30.5	23.2	0.27	1020	5.20	0.07	12.0	7.0	1720
N815807		4.22	34.1	0.14	0.5	3.74	3.11	36.8	10.4	0.38	922	27.5	0.47	8.6	5.9	870

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 7

CERTIFICATE OF ANALYSIS WH12206242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815772		136.0	163.5	0.006	0.08	11.45	17.6	2	4.1	207	0.59	0.09	12.5	0.324	2.24	3.3
N815773		143.0	178.0	0.006	0.08	12.90	17.6	2	3.9	57.2	0.48	0.12	13.0	0.267	2.75	3.9
N815774		26.7	170.0	0.008	0.05	12.25	16.2	2	3.1	92.2	0.61	0.07	12.3	0.322	2.50	2.8
N815775		58.6	206	0.005	0.06	22.9	17.1	2	3.2	51.2	0.46	0.10	13.2	0.281	3.45	3.1
N815776		28.7	172.5	0.010	0.13	22.4	17.8	2	3.5	140.0	0.48	0.06	12.3	0.327	2.38	2.5
N815777		43.8	172.5	0.008	0.05	38.4	16.7	3	3.7	37.7	0.36	0.08	11.7	0.256	2.65	2.6
N815778		35.8	167.5	0.011	0.05	14.80	15.4	2	3.2	24.1	0.33	0.06	10.9	0.241	2.53	2.8
N815779		24.0	168.0	0.008	0.05	7.87	17.1	2	3.1	147.5	0.53	0.07	12.8	0.331	2.32	3.1
N815780		20.2	112.5	0.004	0.02	2.80	18.7	2	2.0	205	0.61	<0.05	11.8	0.387	1.36	2.6
N815781		123.0	162.0	0.004	0.04	1.58	17.1	3	3.8	191.5	0.48	0.11	14.3	0.293	1.75	3.3
N815782		260	147.0	0.007	0.05	1.81	17.2	3	6.2	121.5	0.42	0.21	12.3	0.254	1.63	3.6
N815783		57.1	125.0	0.006	0.03	1.09	18.5	2	3.1	302	0.48	0.05	12.7	0.339	1.52	2.8
N815784		74.0	101.5	0.005	0.04	1.03	18.0	2	3.0	318	0.54	0.05	11.0	0.365	1.35	2.4
N815785		196.0	131.0	0.003	0.06	2.30	19.8	2	4.1	296	0.61	0.14	12.9	0.370	1.58	3.4
N815786		123.0	175.0	0.014	0.20	2.01	18.6	3	3.9	231	0.51	0.09	12.5	0.336	1.80	3.0
N815787		53.3	134.5	0.008	0.06	1.45	18.5	2	2.7	372	0.57	0.06	12.3	0.362	1.32	2.7
N815788		159.0	148.0	0.005	0.06	3.20	17.2	3	3.5	144.0	0.41	0.15	12.1	0.274	1.65	3.2
N815789		26.3	125.5	0.009	0.04	1.84	17.2	2	2.1	249	0.57	0.05	12.5	0.358	1.33	2.1
N815790		31.1	120.5	0.006	0.05	3.42	18.1	2	2.2	335	0.59	0.05	12.4	0.373	1.41	2.3
N815791		73.0	226	0.005	0.05	19.85	19.5	3	3.5	66.6	0.45	0.13	13.7	0.302	3.26	4.4
N815792		41.5	134.5	0.003	0.07	5.42	18.7	2	2.5	329	0.57	0.06	13.9	0.366	1.56	2.9
N815793		109.5	171.5	0.010	0.06	7.15	19.6	3	4.0	155.5	0.49	0.11	13.6	0.329	2.17	4.3
N815794		112.0	112.0	0.005	0.11	3.15	18.5	2	3.2	323	0.50	0.14	11.9	0.349	1.55	3.1
N815795		507	165.0	0.002	1.21	4.41	17.5	3	7.6	156.5	0.39	0.69	11.8	0.295	2.27	2.8
N815796		105.5	149.0	0.014	0.17	2.70	16.7	2	2.9	201	0.45	0.07	13.0	0.279	1.86	3.0
N815797		314	173.0	0.004	0.78	3.09	18.0	2	5.5	194.0	0.35	0.11	12.6	0.262	2.24	3.1
N815798		336	175.5	0.003	1.17	3.66	19.3	2	6.2	161.0	0.42	0.12	13.6	0.295	2.42	2.9
N815799		119.0	150.5	0.004	0.45	2.63	18.5	2	3.1	170.5	0.37	0.09	10.4	0.270	3.10	3.1
N815800		134.5	147.0	0.003	0.96	3.08	16.7	2	5.8	122.5	0.30	0.09	11.3	0.202	2.55	2.1
N815801		2.0	2.7	<0.002	<0.01	<0.05	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N815802		170.0	188.5	0.003	0.91	4.31	14.8	3	4.5	171.5	0.32	0.10	9.8	0.223	2.62	2.8
N815803		182.0	133.5	0.005	0.31	2.10	18.0	2	5.4	199.5	0.43	0.09	11.3	0.306	1.52	2.6
N815804		149.5	150.0	0.003	1.01	2.10	17.9	3	4.3	193.0	0.41	0.18	11.9	0.283	2.04	1.8
N815805		661	141.0	0.004	0.24	9.06	18.6	2	7.4	183.0	0.57	0.06	13.8	0.363	2.24	2.9
N815806		3870	167.0	0.004	0.60	63.8	16.0	5	20.3	381	0.75	0.27	6.3	0.439	1.91	3.2
N815807		1545	150.5	0.005	0.32	10.30	14.8	1	23.3	164.0	0.59	0.07	14.4	0.412	2.45	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 7

CERTIFICATE OF ANALYSIS WH12206242

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815772		131	9.1	24.1	276	15.1	1
N815773		119	8.7	24.9	276	13.3	1
N815774		130	4.5	20.6	161	17.1	2
N815775		129	5.5	24.3	227	14.7	2
N815776		146	6.8	20.6	186	14.1	2
N815777		118	10.8	18.3	145	10.8	2
N815778		108	9.0	20.8	171	8.9	1
N815779		130	10.7	23.6	196	11.5	1
N815780		140	4.7	20.0	198	12.3	1
N815781		122	9.0	20.4	232	16.2	1
N815782		128	21.6	19.4	221	13.4	3
N815783		134	9.6	20.8	181	12.9	1
N815784		137	6.8	18.5	201	11.9	1
N815785		133	6.5	26.7	346	12.8	1
N815786		132	9.9	19.4	259	11.4	1
N815787		133	4.1	21.6	142	12.4	1
N815788		122	6.4	20.2	279	8.8	2
N815789		137	3.3	18.9	159	11.3	1
N815790		135	3.3	20.0	177	11.5	<1
N815791		128	8.2	32.0	539	10.2	2
N815792		141	5.4	24.4	281	9.1	1
N815793		140	10.7	23.6	396	9.5	1
N815794		138	4.7	16.0	256	11.2	2
N815795		129	13.7	11.4	392	10.1	4
N815796		116	5.5	14.4	283	13.6	1
N815797		129	8.6	13.1	344	11.5	2
N815798		126	10.4	12.2	262	12.6	2
N815799		132	14.2	13.7	258	10.4	1
N815800		117	16.3	8.6	162	11.9	2
N815801		3	0.2	0.9	11	<0.5	<1
N815802		112	14.0	12.1	202	11.0	2
N815803		136	14.4	16.2	318	9.0	2
N815804		125	13.5	10.4	256	8.5	1
N815805		134	8.0	14.9	528	9.9	6
N815806		143	3.6	19.4	2380	68.5	34
N815807		123	6.8	16.9	767	9.4	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 7

CERTIFICATE OF ANALYSIS WH12206242

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206243

Project: Klaza TR-12-39 Batch 8

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um

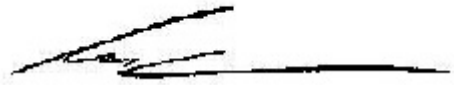
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

CERTIFICATE OF ANALYSIS WH12206243

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N815808		5.20	0.080	1.66	7.80	47.2	2530	1.43	0.84	0.44	9.96	56.9	15.5	13	13.95	548
N815809		5.56	0.102	3.76	6.99	108.5	860	1.00	1.11	0.20	3.93	51.4	4.2	13	17.05	172.5
N815810		4.42	0.088	3.38	7.05	139.5	710	1.07	1.01	0.19	4.04	48.2	5.5	12	33.7	270
N815811		4.01	0.082	1.59	8.34	82.0	1710	1.32	0.94	0.15	6.41	63.4	9.3	14	23.3	547
N815812		4.83	0.046	0.94	8.19	57.6	2080	1.50	0.49	0.28	5.11	57.5	15.4	17	20.8	693
N815813		5.01	0.052	0.71	7.70	9.7	2240	1.35	0.43	0.98	1.27	58.7	14.1	13	11.05	488
N815814		3.75	0.054	0.75	7.68	16.9	1660	1.52	0.82	0.81	1.77	55.2	19.4	16	14.15	751
N815815		3.92	0.096	1.36	7.55	32.6	2000	1.56	0.82	0.48	2.46	55.7	25.1	16	15.60	860
N815816		4.75	0.074	0.84	8.01	12.7	2530	1.36	0.54	0.92	0.89	51.8	13.7	20	7.66	428
N815817		5.41	0.042	1.46	7.61	13.3	1310	1.17	1.61	0.10	1.38	49.9	5.9	20	16.40	364
N815818		5.38	0.112	1.35	8.08	34.1	1810	1.56	0.95	0.67	1.62	59.5	19.2	20	14.80	624
N815819		3.93	0.083	1.16	8.56	22.2	2110	1.64	0.53	0.75	1.22	56.6	15.7	15	14.10	515
N815820		4.36	0.145	1.45	7.88	63.8	1780	1.65	0.83	0.27	2.70	64.4	23.9	18	19.70	761
N815821		3.96	0.099	1.46	8.24	48.1	2250	1.67	0.74	0.34	3.14	64.0	27.3	13	20.0	993
N815822		4.61	0.321	3.01	7.21	252	800	1.96	3.27	0.10	3.04	77.3	8.9	22	24.1	906
N815823		4.80	0.082	1.21	8.47	98.4	1230	1.69	0.48	0.25	3.33	62.8	22.4	18	28.9	976
N815824		4.33	0.084	0.81	8.88	32.9	2520	1.30	0.34	0.40	1.40	55.5	25.0	13	12.00	664
N815825		4.56	0.069	1.00	8.74	139.0	880	1.51	0.64	0.27	2.03	57.0	22.0	15	23.7	779
N815826		4.29	0.067	0.87	8.58	92.3	1400	1.55	0.50	0.33	1.91	58.0	17.8	14	24.6	782
N815827		4.98	0.077	1.22	8.91	22.1	3200	1.41	0.39	0.65	1.69	62.1	18.5	14	14.85	740
N815828		5.90	0.067	1.02	9.32	57.0	2580	1.55	0.55	0.37	2.92	65.0	22.7	14	14.90	854
N815829		4.93	0.046	0.63	9.07	56.9	950	1.39	0.55	0.33	2.86	52.8	15.9	14	32.8	405
N815830		6.81	0.061	0.65	8.99	13.4	2430	1.64	0.29	0.85	1.66	45.1	18.3	14	15.50	460
N815831		4.57	0.067	0.86	8.18	60.7	530	1.61	0.61	0.30	2.84	50.1	17.3	14	48.9	462
N815832		5.38	0.067	0.63	9.23	15.2	1750	1.65	0.45	0.68	2.44	50.1	16.5	14	20.1	545
N815833		2.44	<0.005	0.02	0.10	6	20	0.05	0.02	22.3	0.07	1.31	1.2	<1	0.30	5.6
N815834		6.46	0.081	1.06	8.44	11.9	2370	1.70	0.51	1.23	1.44	44.1	19.9	14	15.00	797
N815835		4.76	0.182	5.26	8.55	151.5	620	2.30	3.30	0.28	6.32	58.4	18.1	19	33.9	1260
N815836		5.50	0.081	0.69	9.88	11.8	1740	1.27	0.40	0.47	1.44	47.0	18.4	16	13.40	576
N815837		6.59	0.091	0.73	8.33	6.3	1980	1.29	0.33	1.30	1.29	53.6	28.1	16	10.45	673
N815838		6.91	0.096	0.93	8.22	8.2	1960	1.37	0.50	1.45	1.07	43.2	20.3	15	13.00	779
N815839		4.93	0.082	1.22	8.73	9.6	1800	1.55	0.87	1.68	1.30	47.8	17.2	42	10.65	790
N815840		0.27	0.313	>100	5.49	205	600	0.70	4.86	1.41	25.4	18.85	11.7	64	0.96	5940
N815841		5.86	0.092	0.95	8.09	8.1	1690	1.44	0.42	1.59	0.91	45.6	25.3	13	13.65	687
N815842		5.15	0.110	1.00	8.32	17.3	2030	1.52	0.58	1.45	1.11	52.0	20.4	15	10.10	778
N815843		4.97	0.069	0.60	8.28	7.9	2010	1.33	0.33	1.00	1.01	49.6	17.1	14	10.45	692

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

CERTIFICATE OF ANALYSIS WH12206243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815808		4.83	16.70	0.17	0.5	0.351	3.49	30.7	16.6	0.67	1100	49.4	0.71	6.8	7.5	1020
N815809		4.61	16.05	0.16	0.5	0.752	3.28	31.2	9.3	0.41	747	31.0	0.10	6.9	2.6	640
N815810		5.26	18.45	0.18	0.4	1.635	3.16	27.6	10.4	0.39	587	34.1	0.06	6.0	3.2	700
N815811		5.21	17.65	0.19	0.5	0.089	3.22	35.7	17.4	0.31	849	39.7	0.10	6.6	7.9	960
N815812		4.71	17.45	0.15	0.4	0.041	3.00	29.5	21.1	0.29	1120	80.2	0.25	7.6	10.1	1150
N815813		3.80	16.90	0.16	0.5	0.036	2.84	23.9	24.0	1.30	520	33.3	1.32	7.4	7.1	1100
N815814		5.29	16.45	0.20	0.5	0.034	3.23	25.3	16.2	0.93	697	79.7	1.17	6.4	6.8	1190
N815815		5.03	16.35	0.19	0.4	0.081	3.54	22.1	24.3	0.93	1440	93.4	0.99	6.0	7.6	1180
N815816		4.32	17.20	0.21	0.5	0.036	3.56	21.9	24.6	1.54	425	41.9	1.56	7.6	7.4	1230
N815817		4.12	13.35	0.16	0.4	0.078	3.59	28.4	8.3	0.41	438	80.3	0.21	4.5	3.7	540
N815818		4.83	17.05	0.20	0.5	0.142	3.38	31.5	14.6	0.77	848	68.9	1.13	5.6	7.9	1200
N815819		3.94	19.15	0.17	0.6	0.042	3.59	29.6	14.6	0.63	724	44.1	1.58	8.3	7.0	1300
N815820		4.85	17.70	0.19	0.4	0.052	3.54	32.7	19.6	0.41	2220	129.0	0.61	6.5	8.9	1150
N815821		4.37	18.05	0.17	0.5	0.073	3.85	30.4	11.0	0.40	2490	91.7	0.91	6.2	9.3	1200
N815822		7.19	15.15	0.24	0.4	0.202	3.34	46.7	10.2	0.40	892	184.0	0.06	4.1	7.0	990
N815823		4.51	18.60	0.17	0.5	0.055	3.38	30.0	15.1	0.36	1960	81.9	0.24	7.9	10.3	1140
N815824		4.14	20.2	0.17	0.5	0.040	2.92	23.9	22.5	0.42	1040	65.8	0.30	9.5	8.7	1280
N815825		4.72	19.50	0.19	0.5	0.040	3.12	29.8	25.1	0.31	677	91.6	0.07	8.3	7.3	1250
N815826		4.33	19.70	0.19	0.5	0.043	3.18	31.3	24.8	0.34	540	67.2	0.22	8.9	7.5	1250
N815827		4.26	20.9	0.17	0.5	0.065	2.90	29.2	21.8	0.50	691	52.4	0.65	9.9	8.3	1340
N815828		4.97	21.7	0.18	0.5	0.053	2.82	32.8	34.4	0.30	968	69.4	0.19	10.2	10.0	1350
N815829		4.77	20.8	0.18	0.4	0.031	2.88	27.6	25.6	0.33	450	58.4	0.07	7.6	8.5	1380
N815830		5.42	21.4	0.17	0.5	0.032	2.52	22.1	27.9	1.39	471	36.8	0.57	8.0	10.8	1570
N815831		5.37	18.45	0.18	0.4	0.035	2.87	28.5	23.7	0.35	789	102.5	0.06	6.8	10.2	1210
N815832		5.04	21.8	0.19	0.5	0.037	2.48	25.0	31.5	0.78	462	64.6	0.44	8.3	11.2	1510
N815833		0.54	0.34	0.09	<0.1	<0.005	0.03	0.6	1.1	13.80	206	0.67	0.01	0.3	3.5	210
N815834		5.36	19.90	0.18	0.5	0.135	2.26	20.5	28.2	1.46	484	34.6	0.97	8.0	9.3	1510
N815835		7.33	19.75	0.23	1.1	0.320	3.73	36.9	11.1	0.44	1580	124.0	0.07	7.5	10.7	1350
N815836		3.91	24.0	0.16	0.6	0.045	2.45	19.7	24.8	1.03	368	51.8	0.10	9.1	9.2	1680
N815837		5.00	20.1	0.18	0.6	0.048	2.57	20.4	21.8	2.07	815	36.0	1.29	8.0	9.9	1540
N815838		5.37	20.6	0.18	0.6	0.053	2.72	22.9	21.8	2.09	682	60.6	1.47	7.6	7.4	1490
N815839		5.68	21.4	0.19	0.7	0.044	2.63	26.1	24.2	2.29	839	73.3	1.78	7.9	9.8	1570
N815840		5.63	12.80	0.15	1.5	0.448	1.11	9.2	14.6	1.11	1680	22.3	1.61	3.5	29.2	460
N815841		4.96	20.8	0.16	0.6	0.048	2.32	22.3	23.4	2.11	632	44.9	1.68	8.1	7.9	1520
N815842		5.28	20.8	0.17	0.7	0.051	2.77	25.5	20.6	1.80	794	54.5	1.99	8.2	8.5	1370
N815843		4.43	20.5	0.16	0.7	0.053	2.53	17.1	17.3	1.17	828	37.4	1.11	8.3	8.2	1530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

CERTIFICATE OF ANALYSIS WH12206243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815808		108.0	145.5	0.009	0.23	8.87	14.7	1	3.2	210	0.49	<0.05	15.3	0.326	2.07	2.9
N815809		828	162.5	<0.002	0.89	14.10	14.4	1	9.2	114.0	0.47	0.08	13.4	0.356	3.05	2.0
N815810		638	164.0	0.005	0.85	22.8	13.2	<1	8.0	91.6	0.42	0.09	12.3	0.298	2.93	2.4
N815811		72.7	153.5	0.005	0.55	14.05	15.7	1	4.5	113.0	0.47	0.05	14.9	0.338	1.95	4.1
N815812		132.5	145.5	0.009	0.07	9.78	16.0	1	3.3	120.0	0.54	<0.05	14.3	0.367	1.93	4.2
N815813		19.5	111.0	0.003	0.03	1.61	14.5	1	2.8	268	0.50	0.05	13.8	0.349	1.33	2.6
N815814		36.9	137.0	0.007	0.06	2.40	14.2	2	4.3	214	0.44	0.08	14.8	0.311	1.74	3.9
N815815		115.5	148.0	0.008	0.04	3.47	14.4	2	5.0	171.0	0.44	<0.05	13.1	0.296	2.17	3.7
N815816		30.2	126.5	0.007	0.07	1.60	14.8	1	3.2	306	0.54	<0.05	13.3	0.373	1.60	2.6
N815817		220	144.5	0.003	0.41	2.42	13.1	1	9.2	67.9	0.32	0.11	11.0	0.240	1.68	3.3
N815818		191.5	156.5	0.007	0.18	4.08	14.2	2	3.8	215	0.42	0.08	15.6	0.296	2.08	3.7
N815819		28.7	161.0	0.004	0.05	4.02	15.5	2	3.7	280	0.55	0.06	14.5	0.348	1.95	2.9
N815820		62.7	187.5	0.025	0.21	6.96	14.6	2	3.2	172.5	0.43	0.09	14.4	0.284	2.59	3.9
N815821		49.5	183.0	0.013	0.16	5.60	15.0	2	3.9	204	0.42	0.09	14.4	0.280	2.48	4.4
N815822		244	183.5	0.011	0.55	20.2	14.4	4	7.9	107.5	0.27	0.21	11.5	0.196	2.67	5.3
N815823		42.5	174.5	0.007	0.11	11.90	17.1	2	2.9	75.4	0.52	0.06	13.8	0.333	2.44	4.1
N815824		19.4	116.5	0.007	0.02	17.80	15.4	2	2.5	171.0	0.60	<0.05	12.3	0.392	1.37	3.0
N815825		24.1	152.5	0.007	0.02	41.2	16.9	2	3.2	67.5	0.53	0.07	14.0	0.347	1.78	4.0
N815826		21.1	159.5	0.009	0.03	31.4	16.9	2	3.2	100.5	0.57	0.06	13.8	0.357	1.76	3.4
N815827		48.2	126.5	0.004	0.04	5.28	16.8	2	2.9	222	0.64	0.05	14.1	0.416	1.40	2.8
N815828		38.4	125.5	0.004	0.03	21.3	18.6	2	3.4	157.5	0.65	0.08	14.5	0.409	1.46	3.5
N815829		18.6	142.5	0.004	0.04	26.9	18.7	2	4.0	83.8	0.47	0.05	10.4	0.408	1.85	2.6
N815830		16.4	102.5	0.002	0.03	6.98	20.2	2	2.5	191.5	0.48	<0.05	8.8	0.450	1.43	1.8
N815831		37.7	157.0	0.006	0.05	38.2	18.3	3	3.3	53.2	0.40	0.08	9.9	0.371	2.00	2.6
N815832		15.6	114.5	0.003	0.02	12.45	20.7	2	3.1	155.5	0.55	0.07	11.5	0.462	1.42	2.6
N815833		1.5	1.6	<0.002	<0.01	0.16	0.3	1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N815834		58.8	86.2	0.002	0.03	2.47	19.0	2	3.7	277	0.52	0.09	9.2	0.448	1.33	2.2
N815835		332	198.0	0.004	0.08	11.80	17.2	2	5.5	36.8	0.49	0.17	10.6	0.362	3.13	4.6
N815836		15.6	87.5	0.003	0.02	3.78	21.4	2	3.4	79.1	0.54	0.08	9.8	0.524	1.41	2.2
N815837		9.5	89.2	0.003	0.01	0.85	19.3	2	2.8	303	0.52	0.06	8.5	0.458	1.28	1.9
N815838		11.5	90.2	0.005	0.03	0.95	18.5	2	4.1	337	0.49	0.08	8.3	0.434	1.39	2.3
N815839		50.5	98.6	0.009	0.05	1.28	21.1	3	4.4	388	0.49	0.15	8.2	0.439	1.33	2.5
N815840		>10000	29.7	0.009	2.26	440	11.9	3	2.1	194.0	0.23	1.13	1.9	0.234	0.49	1.4
N815841		14.2	78.1	0.003	0.03	1.40	18.1	2	2.8	363	0.52	0.05	8.3	0.443	1.15	2.0
N815842		11.6	103.5	0.007	0.05	1.27	17.9	2	2.9	391	0.56	0.09	9.9	0.407	1.21	2.6
N815843		9.2	96.9	<0.002	0.01	1.35	18.3	2	3.3	263	0.56	0.05	9.6	0.454	1.13	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

CERTIFICATE OF ANALYSIS WH12206243

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815808		131	8.5	18.1	600	9.1	2	
N815809		140	17.3	7.8	347	8.4	4	
N815810		133	15.6	8.3	387	7.8	4	
N815811		136	8.6	15.9	246	7.6	2	
N815812		136	8.4	19.0	307	7.8	1	
N815813		128	5.5	18.0	106	8.5	1	
N815814		133	10.6	18.9	150	8.7	1	
N815815		130	8.4	17.9	217	7.8	2	
N815816		143	6.5	16.3	95	9.9	1	
N815817		128	34.8	9.4	136	9.4	2	
N815818		130	9.0	18.3	218	9.8	2	
N815819		141	7.3	19.7	115	14.8	1	
N815820		115	7.9	18.6	155	11.2	2	
N815821		125	7.3	19.7	160	11.3	2	
N815822		115	13.5	14.8	265	10.6	3	
N815823		139	8.3	19.1	207	11.8	1	
N815824		148	5.9	18.4	130	13.0	1	
N815825		137	12.3	20.6	177	12.7	1	
N815826		141	10.0	22.6	142	11.2	1	
N815827		155	4.1	23.9	134	10.8	2	
N815828		153	7.1	25.9	192	11.6	1	
N815829		170	10.8	20.7	210	8.6	1	
N815830		180	4.1	21.2	166	10.1	1	
N815831		163	8.1	21.0	205	8.7	1	
N815832		183	7.1	21.1	194	10.4	1	
N815833		3	0.1	1.0	15	<0.5	<1	
N815834		182	5.0	19.2	221	9.9	1	
N815835		161	12.4	29.2	637	37.7	4	
N815836		214	5.5	18.7	136	12.7	<1	
N815837		183	3.5	20.8	102	13.0	<1	
N815838		187	4.6	22.3	86	14.8	1	
N815839		186	5.6	23.5	115	18.2	1	
N815840		79	0.7	14.5	5160	55.0	101	1.020
N815841		181	2.3	22.0	106	16.1	1	
N815842		166	3.0	21.0	126	17.9	1	
N815843		175	5.1	17.7	118	18.2	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

CERTIFICATE OF ANALYSIS WH12206243

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206244

Project: Klaza TR-12-39

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

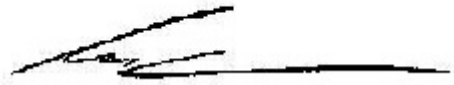
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206244

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815844		7.31	0.081	0.69	7.26	10.5	1890	1.46	0.40	1.71	0.79	38.1	18.5	13	7.37	739
N815845		5.71	0.078	0.63	7.56	9.1	1880	1.30	0.38	1.63	0.87	44.0	20.4	13	9.42	628
N815846		6.72	0.082	0.60	7.54	11.5	1610	1.32	0.43	1.65	0.65	43.5	23.3	13	12.30	562
N815847		5.84	0.085	0.76	7.82	9.8	1390	1.25	0.81	1.80	0.53	39.2	10.7	17	9.28	508
N815848		6.14	0.097	0.84	7.95	10.8	1060	1.20	0.48	1.21	0.77	36.2	14.8	22	16.95	595
N815849		6.62	0.074	0.82	7.84	11.3	1340	1.30	0.47	1.38	0.76	38.7	19.4	23	17.80	573
N815850		5.65	0.212	2.68	7.91	84.0	1400	1.22	1.63	1.06	1.02	53.4	14.2	21	20.1	707
N815851		4.61	0.351	7.51	8.43	121.0	840	1.52	3.98	0.41	1.64	68.7	14.5	22	38.8	824
N815852		4.54	0.241	1.77	7.84	46.5	1230	1.27	0.77	1.69	0.49	40.7	8.2	22	10.30	552
N815853		6.00	0.527	2.63	7.87	119.0	1470	1.28	1.65	0.86	0.67	58.6	6.7	21	18.75	667
N815854		7.49	0.119	0.95	7.52	14.5	1250	1.22	0.77	2.13	0.52	41.4	11.2	21	6.28	492
N815855		5.86	0.079	0.86	8.02	9.8	1450	1.29	0.90	1.80	0.85	42.9	19.8	22	9.99	737
N815856		7.56	0.120	0.85	7.74	13.4	1310	1.38	0.75	1.88	1.00	39.8	23.4	29	6.49	660
N815857		4.16	0.104	1.08	8.06	15.1	1490	1.44	0.85	0.93	1.47	43.6	36.7	49	12.00	769
N815858		5.37	0.097	0.75	8.50	22.3	2250	1.44	0.63	0.87	1.32	58.1	38.6	14	11.50	670
N815859		4.39	0.180	2.53	8.59	113.0	1350	1.55	2.94	0.21	1.60	41.1	13.5	14	17.05	688
N815861		3.91	0.077	0.67	8.67	9.0	2190	1.29	1.03	0.75	1.20	56.0	26.6	15	12.20	637
N815860		3.85	0.249	1.21	9.00	74.8	1730	1.50	1.38	0.31	1.42	42.3	21.4	15	12.00	874
N815862		3.86	0.098	1.08	8.81	12.4	2090	1.39	1.02	0.55	1.09	27.9	10.1	15	10.50	769
N815863		5.28	0.123	0.94	8.25	13.8	1940	1.48	0.82	1.20	0.99	44.5	18.9	14	8.45	649
N815864		6.07	0.143	1.42	8.23	29.7	1610	1.30	1.19	0.63	1.67	43.1	12.6	17	11.35	882
N815865		4.12	0.084	1.02	8.57	20.1	1990	1.69	1.08	1.18	1.64	57.7	20.5	14	10.00	591
N815866		5.45	0.080	1.01	7.96	16.4	1620	1.38	0.88	1.01	1.22	52.5	28.0	14	9.11	624
N815867		4.38	0.170	1.75	8.08	72.8	1350	1.46	1.69	0.85	1.92	54.3	25.1	19	12.35	762
N815868		6.22	0.202	2.03	8.33	52.9	1270	1.52	2.31	0.97	1.39	48.2	27.4	24	14.35	884
N815869		5.95	0.104	1.56	8.02	35.2	1300	1.45	1.48	0.93	1.41	48.3	27.9	23	12.20	735
N815870		0.26	1.405	37.0	7.72	500	1220	1.87	1.26	0.28	31.2	78.8	5.7	17	3.36	129.0
N815871		6.82	0.133	1.92	7.70	50.5	1140	1.28	2.12	0.88	1.08	45.3	14.5	28	12.40	718
N815872		5.64	0.166	1.72	7.93	48.7	1220	1.38	2.24	1.35	1.06	37.4	17.5	31	9.94	674
N815873		6.20	0.182	1.49	7.91	45.5	1070	1.29	2.05	1.45	0.90	36.0	14.7	20	9.85	561
N815874		4.58	0.165	1.04	7.76	25.0	1300	1.05	3.45	1.78	0.77	33.2	16.8	19	6.60	503
N815875		5.67	0.200	1.97	7.87	21.7	1350	1.13	1.39	1.12	0.80	29.8	9.4	20	9.60	546
N815876		6.62	0.241	2.83	8.07	51.8	1290	1.04	2.12	0.53	0.94	45.5	7.1	21	14.05	603
N815877		2.05	<0.005	0.01	0.09	<5	20	<0.05	0.04	20.1	0.07	1.25	0.6	<1	0.44	5.6
N815878		6.01	0.150	2.20	7.26	46.8	2720	1.31	2.04	0.18	0.97	50.0	4.3	51	9.74	688
N815879		4.59	0.159	3.11	7.41	101.0	950	1.31	1.92	0.13	1.21	54.5	3.5	45	19.15	636

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815844		4.99	18.45	0.12	0.6	0.053	2.17	18.0	16.6	1.66	725	36.2	1.61	6.6	7.0	1390
N815845		4.54	17.20	0.14	0.6	0.036	2.49	19.9	17.1	1.90	898	50.9	1.71	6.3	7.1	1360
N815846		4.81	17.60	0.15	0.6	0.037	2.20	20.5	17.6	1.83	479	48.8	1.57	6.4	6.8	1350
N815847		4.65	19.70	0.14	0.8	0.042	2.15	18.1	15.8	1.92	314	48.9	1.90	6.4	5.0	1170
N815848		5.10	20.7	0.13	1.0	0.044	2.12	17.0	20.3	2.12	371	69.3	1.50	6.5	4.2	1140
N815849		4.76	20.8	0.14	1.0	0.037	2.11	17.0	22.0	2.16	550	51.1	1.48	7.0	4.9	1190
N815850		5.96	22.2	0.15	1.0	0.059	3.08	29.8	15.8	1.53	551	55.5	1.06	5.4	3.8	1060
N815851		6.02	23.7	0.16	0.9	0.167	3.33	38.2	13.3	1.03	534	83.4	0.43	5.8	3.4	1040
N815852		5.47	21.1	0.12	0.9	0.053	1.89	20.5	16.3	1.89	374	21.1	1.45	6.5	3.9	1080
N815853		6.28	21.3	0.17	0.9	0.071	2.96	36.2	16.0	1.51	253	48.7	1.08	6.3	2.9	1040
N815854		5.26	20.1	0.14	1.0	0.058	2.07	20.7	13.4	1.97	349	44.6	1.75	6.6	5.0	1120
N815855		5.57	20.2	0.14	1.0	0.061	2.12	21.2	14.1	1.91	893	55.5	1.52	6.4	4.8	1090
N815856		5.12	19.80	0.13	0.9	0.053	2.14	17.2	14.4	2.01	1180	53.6	1.94	6.8	7.6	1170
N815857		4.86	19.55	0.14	1.0	0.049	2.18	19.8	16.4	1.67	1780	49.3	1.32	7.3	10.1	820
N815858		4.92	18.95	0.12	0.9	0.044	2.29	20.0	16.8	1.02	1420	37.2	1.08	7.2	8.9	1380
N815859		6.11	18.55	0.14	0.8	0.145	3.47	20.2	11.3	0.48	580	65.5	0.29	5.9	4.5	1170
N815861		5.13	18.55	0.15	0.9	0.047	2.09	24.2	14.4	0.88	740	49.2	0.71	6.8	6.1	1290
N815860		5.75	21.1	0.16	0.9	0.063	2.60	19.7	21.8	0.44	580	201	0.18	7.5	6.0	1230
N815862		5.25	21.4	0.13	0.8	0.045	2.61	16.0	15.7	0.69	395	72.2	0.70	7.1	5.2	1400
N815863		5.34	19.15	0.15	0.9	0.052	2.44	22.4	17.5	1.75	854	35.5	1.58	7.0	6.8	1330
N815864		6.17	18.45	0.13	0.7	0.087	2.54	22.2	18.5	1.59	1240	50.8	0.82	6.2	6.5	1220
N815865		5.74	18.95	0.12	1.1	0.085	2.70	24.7	17.5	1.37	1280	34.0	1.42	7.1	6.9	1330
N815866		4.92	18.85	0.16	0.8	0.078	2.61	21.8	17.3	1.46	1280	38.8	1.49	6.4	6.8	1190
N815867		5.66	20.0	0.15	0.8	0.131	2.39	22.7	18.9	1.04	1240	48.7	1.06	6.2	7.1	1150
N815868		6.02	21.1	0.14	0.8	0.127	2.29	21.8	20.7	1.33	1080	53.8	1.15	6.2	5.7	1110
N815869		5.47	19.80	0.13	0.8	0.134	2.50	21.5	19.7	1.31	1260	51.2	1.08	6.1	6.4	1010
N815870		5.42	22.4	0.19	2.3	0.224	3.55	40.3	23.8	0.27	986	5.68	0.07	11.8	6.7	1660
N815871		5.82	19.20	0.16	0.8	0.202	2.26	21.8	20.2	1.45	544	66.7	0.92	5.7	6.2	860
N815872		5.89	20.2	0.15	0.9	0.149	2.32	17.7	18.3	2.00	618	53.1	1.20	5.8	7.2	890
N815873		6.04	19.55	0.13	0.9	0.149	2.10	17.2	17.1	1.79	555	49.7	1.31	5.4	5.4	980
N815874		5.66	20.4	0.12	0.9	0.088	2.05	16.1	16.4	2.06	459	47.0	1.57	5.7	5.8	1050
N815875		5.81	21.7	0.13	0.9	0.106	2.48	15.1	18.4	1.96	253	63.9	1.10	5.6	5.3	1000
N815876		6.93	22.2	0.15	0.8	0.178	2.92	25.7	18.9	1.73	232	133.5	0.64	5.1	4.9	1040
N815877		0.46	0.26	0.08	<0.1	0.006	0.35	0.6	1.2	12.35	198	0.68	0.01	0.2	1.4	160
N815878		5.64	16.80	0.18	2.0	0.142	4.01	27.9	13.1	0.76	160	86.0	0.38	6.9	4.4	1130
N815879		6.71	18.65	0.19	1.8	0.187	3.87	30.9	7.9	0.42	87	84.9	0.06	7.2	3.8	1120

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815844		10.9	46.9	0.005	0.02	0.67	17.0	2	3.1	351	0.44	0.06	7.1	0.464	1.17	2.1
N815845		10.8	69.4	0.007	0.02	0.75	17.4	1	2.7	361	0.38	<0.05	7.3	0.433	1.29	1.6
N815846		9.5	75.0	0.008	0.02	0.82	17.0	1	3.1	323	0.42	<0.05	7.7	0.433	1.14	1.8
N815847		9.2	77.3	0.010	0.03	0.78	16.1	<1	3.2	403	0.44	0.15	6.4	0.454	1.13	1.7
N815848		10.0	78.6	0.007	0.02	1.12	20.1	2	3.0	304	0.42	<0.05	5.3	0.529	1.30	1.8
N815849		13.9	72.5	0.007	0.04	1.48	20.9	<1	3.4	332	0.45	<0.05	5.1	0.537	1.36	1.7
N815850		74.8	150.5	0.012	0.70	6.38	20.1	1	10.3	307	0.37	0.09	6.8	0.469	2.07	2.1
N815851		267	208	0.005	0.51	10.85	23.5	1	10.0	231	0.36	0.33	8.1	0.457	2.80	3.0
N815852		13.7	63.0	0.006	0.24	2.51	19.9	<1	4.6	399	0.42	0.09	5.3	0.510	1.16	2.0
N815853		81.3	165.5	0.009	0.70	5.91	21.6	2	6.5	294	0.36	0.25	6.9	0.478	2.02	2.1
N815854		11.8	76.7	0.009	0.08	1.25	19.8	2	4.0	453	0.41	0.11	5.9	0.489	1.14	1.9
N815855		12.0	80.3	0.012	0.03	1.01	20.8	2	4.1	405	0.39	0.08	6.0	0.515	1.10	3.0
N815856		13.2	68.6	0.013	0.03	0.99	18.7	2	3.3	452	0.43	0.06	5.7	0.501	1.20	2.2
N815857		16.0	89.7	0.006	0.02	1.29	17.8	2	3.1	281	0.48	0.09	9.4	0.416	1.29	2.8
N815858		22.3	94.5	0.006	0.03	3.91	18.7	2	2.9	250	0.49	<0.05	10.8	0.446	1.22	2.7
N815859		176.0	185.0	0.004	0.16	6.09	19.4	2	6.0	86.9	0.38	0.16	9.5	0.392	2.23	2.7
N815861		12.9	82.4	0.005	0.03	1.92	19.0	1	3.2	199.5	0.49	0.26	10.0	0.471	1.16	2.5
N815860		24.9	108.5	0.011	0.12	5.11	20.0	2	5.1	124.5	0.48	0.20	9.1	0.480	1.37	3.1
N815862		14.6	110.0	0.007	0.06	2.46	20.2	3	4.8	193.0	0.44	0.18	8.6	0.471	1.42	2.2
N815863		17.6	89.8	0.006	0.02	1.53	19.0	1	3.4	326	0.49	0.13	10.0	0.440	1.31	2.3
N815864		24.3	88.8	0.007	0.12	1.54	19.7	2	4.9	180.5	0.42	0.23	7.7	0.447	1.50	2.3
N815865		41.0	102.5	0.005	0.08	2.12	18.6	2	4.0	283	0.47	0.13	12.0	0.422	1.50	2.6
N815866		80.4	87.1	0.006	0.05	1.37	17.5	2	3.2	290	0.40	0.10	9.3	0.404	1.48	2.3
N815867		73.1	108.5	0.009	0.06	5.77	18.2	2	4.1	227	0.40	0.12	8.0	0.429	1.95	2.4
N815868		65.3	111.0	0.010	0.07	3.13	20.0	2	4.6	266	0.37	0.15	7.1	0.465	1.82	2.3
N815869		62.6	119.0	0.005	0.07	2.89	18.8	2	4.0	239	0.40	0.18	7.2	0.431	1.89	2.3
N815870		3850	186.0	0.007	0.59	66.8	15.5	4	20.9	368	0.75	0.27	7.9	0.449	2.09	3.9
N815871		83.6	116.0	0.005	0.07	3.32	22.9	2	5.1	207	0.38	0.20	7.1	0.425	1.71	2.2
N815872		86.5	89.9	0.006	0.10	2.67	24.8	1	5.1	289	0.36	0.24	5.7	0.509	1.77	2.0
N815873		67.7	81.4	0.007	0.08	2.02	20.5	1	4.9	306	0.33	0.18	4.9	0.474	1.71	1.9
N815874		31.5	66.7	0.009	0.07	1.23	20.2	1	4.2	365	0.34	0.17	4.2	0.489	1.35	1.5
N815875		49.9	93.0	0.010	0.14	1.53	21.5	2	5.5	267	0.33	0.22	4.7	0.453	1.74	1.5
N815876		168.0	161.0	0.015	0.44	2.70	22.1	2	6.5	199.0	0.31	0.33	5.7	0.438	2.29	1.6
N815877		1.9	26.4	0.003	<0.01	0.06	0.3	<1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	0.04	0.6
N815878		114.5	165.0	0.018	0.35	4.00	14.9	4	4.8	207	0.50	0.16	11.4	0.266	2.29	3.3
N815879		315	181.5	0.004	0.67	7.34	14.1	4	6.5	174.0	0.51	0.18	11.2	0.257	3.20	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815844		169	2.6	18.3	97	13.7	1
N815845		161	4.0	20.1	76	13.1	<1
N815846		161	3.3	18.4	78	14.9	1
N815847		151	2.7	18.6	68	19.4	<1
N815848		175	3.0	17.6	92	22.4	1
N815849		177	2.5	19.0	97	24.8	1
N815850		171	11.0	15.1	138	21.1	3
N815851		177	9.8	15.1	323	23.8	7
N815852		173	3.5	17.3	149	20.9	1
N815853		170	7.0	14.2	107	23.2	2
N815854		161	4.8	21.5	66	23.0	1
N815855		170	8.0	21.3	81	23.8	1
N815856		165	4.6	19.5	77	21.0	1
N815857		131	4.6	17.1	86	30.0	1
N815858		162	4.6	18.5	129	23.6	<1
N815859		164	17.1	14.5	238	20.5	3
N815861		170	5.6	19.2	118	20.3	1
N815860		178	9.0	17.4	150	22.9	1
N815862		174	6.1	18.9	119	22.0	1
N815863		165	2.6	19.6	94	22.9	1
N815864		166	7.5	18.2	123	17.3	1
N815865		159	5.5	19.1	124	28.6	1
N815866		146	5.2	20.4	130	18.9	1
N815867		145	5.6	18.4	188	18.7	2
N815868		162	5.2	18.6	165	17.8	2
N815869		149	5.6	18.0	187	18.6	1
N815870		136	3.5	23.0	2350	65.9	32
N815871		149	7.4	18.9	204	22.0	2
N815872		183	5.9	19.0	175	21.0	2
N815873		167	6.1	16.1	175	22.1	1
N815874		165	4.1	18.4	106	25.1	1
N815875		165	6.5	13.0	108	24.6	2
N815876		169	5.4	11.5	173	22.6	2
N815877		2	0.1	0.9	13	<0.5	<1
N815878		101	7.6	10.1	186	58.2	2
N815879		101	10.9	10.0	340	66.0	3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206244

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206245

Project: Klaza TR-12-39 Batch 10

P.O. No.: Batch 10

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

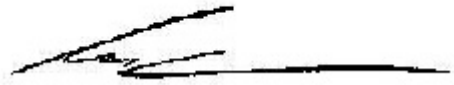
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

CERTIFICATE OF ANALYSIS WH12206245

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815880		4.45	0.124	4.41	7.17	132.5	940	1.32	2.64	0.13	1.25	54.5	4.3	56	20.4	664
N815881		5.15	0.180	2.26	8.04	119.0	1380	1.47	2.14	0.46	1.40	41.1	11.4	38	21.9	1035
N815882		5.01	0.404	4.96	8.30	235	960	1.52	4.49	0.19	1.90	55.6	6.3	25	24.7	795
N815883		4.26	0.190	2.61	8.39	211	650	1.67	2.34	0.16	3.14	47.2	14.9	24	33.3	1230
N815884		3.93	0.162	1.91	8.70	99.8	2040	1.43	2.00	0.62	1.68	37.6	10.4	25	20.9	909
N815885		6.83	0.303	10.45	9.11	238	880	1.14	33.6	0.17	2.15	53.1	2.5	25	30.6	559
N815886		4.94	0.117	1.79	7.08	155.5	730	1.68	2.21	0.20	2.45	51.1	10.9	32	33.4	1095
N815887		4.93	0.097	1.22	8.04	45.2	950	1.79	1.45	0.16	2.04	40.6	21.9	21	21.4	1365
N815888		5.28	0.352	3.51	7.55	85.1	1890	1.36	6.28	0.27	1.94	42.7	14.5	23	17.50	905
N815889		3.53	0.230	2.81	7.76	51.9	1950	1.43	3.31	0.56	1.55	44.9	6.5	24	15.10	959
N815890		4.09	0.175	1.62	7.78	25.8	1610	1.39	2.49	0.80	1.33	42.5	6.5	27	9.61	927
N815891		3.89	0.145	2.56	7.00	23.4	2210	1.36	2.93	0.39	1.58	54.5	6.3	57	16.30	1010
N815892		5.17	0.131	3.33	6.46	70.9	1780	1.37	3.66	0.24	1.55	51.5	4.6	51	18.70	883
N815893		3.48	0.224	7.90	6.86	33.0	2340	1.47	19.50	0.21	1.43	56.8	5.6	46	14.00	727
N815894		4.28	0.351	2.91	7.58	23.0	1960	1.72	7.53	0.68	1.17	53.4	8.1	112	10.65	820
N815895		4.63	0.089	1.61	7.09	22.5	2290	1.60	5.00	0.71	1.20	50.2	6.2	63	9.16	763
N815896		4.23	0.188	2.48	7.20	50.6	2020	1.10	6.38	0.35	0.95	47.7	3.4	30	13.10	648
N815897		3.83	0.075	0.95	7.49	10.8	1510	1.36	5.62	1.15	0.86	33.8	5.9	18	6.21	479
N815898		4.43	0.093	1.68	7.75	22.6	1690	1.37	7.70	0.82	1.09	44.6	5.6	17	8.94	647
N815899		5.17	0.091	3.69	6.39	71.7	1140	1.05	5.09	0.39	1.37	53.5	7.7	16	19.05	635
N815900		1.92	<0.005	0.11	0.17	<5	50	0.07	0.20	20.4	0.10	2.40	1.3	<1	0.54	23.2
N815901		4.90	0.168	1.70	7.11	13.1	1490	1.07	2.65	0.44	0.83	37.5	6.5	15	15.30	486
N815902		4.81	0.099	1.11	8.28	34.2	1090	1.50	1.31	0.67	1.28	43.0	19.2	24	16.30	768
N815903		4.71	0.075	1.46	7.26	72.7	1110	1.04	2.09	0.25	1.59	56.6	5.7	19	26.2	531
N815904		4.91	0.077	1.25	8.48	66.5	1480	1.47	1.92	0.30	1.64	56.6	23.1	21	31.3	909
N815905		4.37	0.081	1.14	8.70	73.4	1110	1.58	1.94	0.25	1.73	53.8	25.2	25	23.9	931
N815906		4.55	0.082	0.94	8.31	14.7	1830	1.66	1.62	1.39	0.97	43.2	12.8	22	6.94	653
N815907		5.70	0.177	2.87	7.97	105.5	2060	1.26	3.87	0.42	1.40	51.6	9.4	16	17.70	719
N815908		7.04	0.123	2.27	8.12	59.9	1940	1.50	3.34	0.70	1.51	58.8	11.4	17	15.90	818
N815909		4.55	0.073	0.82	7.72	15.7	1740	1.43	1.11	1.16	1.57	61.1	8.8	17	8.50	682
N815910		0.26	0.276	95.2	5.15	232	590	0.66	4.73	1.38	23.3	18.85	11.4	63	0.86	5840
N815911		4.10	0.065	1.18	7.89	22.5	1500	1.30	1.60	0.20	1.70	87.2	4.8	16	15.75	732
N815912		3.54	0.090	0.87	8.57	26.2	2660	1.63	1.01	0.48	2.27	69.5	11.5	28	11.80	1215
N815913		4.73	0.195	5.16	6.87	212	920	1.42	7.31	0.19	4.03	69.1	6.9	28	31.0	1155
N815914		5.84	0.073	1.90	7.72	63.3	2260	1.34	3.41	1.18	2.73	43.5	10.7	30	11.65	906
N815915		3.86	0.144	6.35	6.75	259	950	1.05	6.27	0.22	2.42	68.7	4.8	29	21.7	687

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

CERTIFICATE OF ANALYSIS WH12206245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815880		6.69	18.50	0.17	1.8	0.235	3.32	29.5	9.5	0.39	94	121.5	0.06	7.7	5.4	1280
N815881		6.43	21.3	0.19	1.1	0.196	2.76	21.2	16.1	0.77	148	119.5	0.95	6.2	6.4	1280
N815882		6.22	23.1	0.21	0.9	0.434	3.78	29.7	12.8	0.56	162	130.0	0.17	4.1	4.3	890
N815883		6.69	20.9	0.20	0.9	0.266	3.54	24.1	10.6	0.36	497	142.5	0.07	5.5	6.6	1180
N815884		6.66	22.6	0.20	0.9	0.145	2.93	19.6	20.3	0.82	212	66.1	0.61	5.8	6.1	1000
N815885		5.96	21.3	0.22	0.9	0.509	3.95	28.4	7.4	0.37	118	77.7	0.06	5.0	2.9	850
N815886		7.15	16.95	0.22	1.3	0.271	2.82	29.0	13.7	0.35	332	74.7	0.06	6.0	7.3	1060
N815887		5.93	18.15	0.19	0.8	0.118	2.90	20.5	21.9	0.44	391	56.8	0.09	6.7	7.5	920
N815888		6.04	20.7	0.18	0.8	0.322	3.11	23.7	18.0	0.70	331	53.0	0.21	5.1	4.6	910
N815889		6.83	19.65	0.21	0.9	0.274	2.97	25.1	17.7	1.19	239	68.0	0.78	5.2	4.5	1070
N815890		6.52	18.90	0.20	0.9	0.128	2.56	22.8	18.3	1.47	271	65.6	1.24	6.3	4.7	1160
N815891		7.07	17.35	0.23	1.6	0.164	3.73	31.0	13.0	1.04	242	110.5	0.90	6.6	4.2	1210
N815892		7.05	14.10	0.21	1.7	0.252	3.48	29.5	10.3	0.60	247	74.5	0.27	6.1	3.3	1180
N815893		6.38	16.40	0.22	1.8	0.258	3.79	32.7	8.6	0.61	172	85.2	0.35	6.4	3.2	1140
N815894		7.44	21.9	0.26	1.8	0.161	3.33	29.6	22.5	2.45	271	86.4	1.01	8.6	10.3	2020
N815895		6.09	17.70	0.21	1.7	0.105	3.17	27.5	13.1	1.46	200	58.3	1.06	8.5	5.6	1350
N815896		5.74	18.30	0.21	0.7	0.121	3.29	25.4	10.1	1.00	146	65.9	0.70	5.8	4.2	850
N815897		4.38	17.55	0.19	0.6	0.080	1.93	18.3	12.7	1.30	190	32.5	1.55	7.1	4.6	760
N815898		5.59	19.30	0.20	0.7	0.127	2.58	23.9	12.8	1.25	195	33.9	1.43	6.8	3.9	1040
N815899		7.75	15.80	0.22	0.6	0.277	2.88	30.1	9.2	0.71	254	42.0	0.37	5.4	2.4	1020
N815900		0.58	0.53	0.11	<0.1	0.009	0.07	1.2	1.3	12.30	183	1.06	0.01	0.5	2.4	190
N815901		5.38	17.90	0.17	0.6	0.100	2.86	21.5	11.3	0.80	169	45.7	1.06	5.5	2.4	670
N815902		5.77	19.75	0.18	0.9	0.127	2.58	21.0	18.4	1.12	507	55.9	1.13	6.8	5.7	1040
N815903		6.30	16.30	0.19	0.8	0.099	3.15	31.5	7.3	0.39	237	42.3	0.13	6.3	2.9	700
N815904		6.17	19.20	0.20	0.8	0.098	3.04	28.9	14.6	0.67	480	48.0	0.50	7.1	5.6	970
N815905		5.63	19.95	0.18	0.9	0.088	3.20	25.6	19.6	0.66	680	58.5	0.37	7.1	6.2	950
N815906		5.69	19.05	0.21	0.9	0.061	2.57	20.0	21.3	1.69	357	47.4	1.77	7.5	6.9	1210
N815907		5.97	16.90	0.20	0.9	0.319	3.58	26.6	15.0	0.98	322	96.1	0.63	6.6	4.9	1040
N815908		5.73	18.35	0.21	1.0	0.298	3.29	29.4	17.1	1.09	308	64.0	1.01	7.8	5.6	1210
N815909		5.85	18.10	0.21	1.1	0.073	2.54	36.8	32.6	1.51	272	40.7	1.34	7.7	6.9	2180
N815910		5.52	11.40	0.16	1.5	0.420	1.08	9.4	13.6	1.08	1660	23.1	1.55	3.5	28.6	440
N815911		5.73	17.00	0.21	1.1	0.074	3.07	53.7	36.9	0.41	106	64.4	0.54	6.5	4.8	950
N815912		5.85	19.15	0.19	1.2	0.072	2.24	37.3	36.3	0.64	264	61.6	0.50	6.3	8.1	1060
N815913		9.09	16.60	0.26	1.1	0.496	2.59	39.2	14.1	0.31	124	48.2	0.07	6.0	6.9	1200
N815914		7.61	17.85	0.22	1.2	0.197	2.11	21.9	19.9	1.15	335	38.9	1.14	6.6	7.3	1130
N815915		8.85	17.15	0.24	1.3	1.630	2.74	35.0	16.9	0.29	165	28.8	0.09	7.1	4.1	1670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

CERTIFICATE OF ANALYSIS WH12206245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815880		189.0	164.5	0.006	0.63	8.05	15.2	5	6.1	196.5	0.58	0.27	11.0	0.265	3.06	3.7
N815881		57.3	149.0	0.012	0.23	4.44	22.1	4	6.3	223	0.40	0.27	7.2	0.393	2.23	2.6
N815882		247	210	0.008	0.60	11.35	23.4	3	14.0	185.0	0.26	0.37	6.1	0.364	3.31	2.5
N815883		140.5	172.5	0.013	0.50	7.11	23.9	3	4.9	163.5	0.35	0.31	5.4	0.455	3.65	3.8
N815884		79.1	159.5	0.005	0.32	5.46	22.3	4	7.4	239	0.36	0.28	6.2	0.448	2.58	2.1
N815885		663	192.5	0.006	0.67	10.25	23.0	6	17.0	293	0.34	2.58	5.9	0.401	3.72	2.3
N815886		168.5	150.5	0.004	0.44	11.10	15.7	4	5.5	240	0.43	0.30	9.7	0.295	2.77	4.4
N815887		59.8	145.0	0.006	0.14	5.13	16.9	3	5.4	105.5	0.49	0.27	11.1	0.343	2.37	3.7
N815888		130.0	159.0	0.004	0.51	5.08	18.8	3	11.0	190.0	0.37	0.47	8.5	0.339	2.46	2.5
N815889		84.3	147.5	0.010	0.38	3.20	19.7	4	7.4	266	0.38	0.43	8.8	0.354	2.29	2.6
N815890		42.8	124.0	0.011	0.38	1.96	19.4	4	5.8	322	0.43	0.46	10.7	0.378	1.66	2.7
N815891		57.9	153.5	0.016	0.86	2.62	17.2	4	6.5	306	0.48	0.68	10.2	0.284	2.06	2.8
N815892		109.5	158.0	0.012	1.06	4.08	13.6	5	6.5	244	0.48	0.75	10.8	0.231	2.60	2.9
N815893		120.0	154.5	0.009	0.96	2.81	13.6	4	9.9	224	0.51	8.21	12.1	0.227	2.25	3.2
N815894		44.6	165.0	0.017	0.50	2.56	26.7	5	6.7	242	0.55	2.12	10.7	0.399	2.00	3.7
N815895		36.9	124.5	0.015	0.54	1.88	16.5	3	4.9	337	0.63	0.92	10.8	0.288	1.64	3.0
N815896		50.4	154.5	0.009	0.68	1.94	16.8	4	9.4	195.5	0.36	1.21	8.2	0.253	2.01	1.8
N815897		17.3	85.4	0.004	0.18	1.22	15.1	2	5.3	326	0.51	0.77	10.4	0.326	1.15	1.7
N815898		39.2	110.0	0.006	0.40	1.60	17.2	3	7.3	290	0.46	0.64	11.2	0.329	1.53	2.1
N815899		441	133.0	0.003	1.73	2.97	16.5	4	8.0	185.0	0.37	0.36	12.3	0.295	2.25	1.8
N815900		11.5	3.9	<0.002	0.02	0.22	0.5	1	0.3	48.4	<0.05	<0.05	0.4	0.010	0.05	0.9
N815901		125.5	136.5	0.004	1.03	2.13	14.7	3	9.2	210	0.38	0.37	10.6	0.273	1.79	1.6
N815902		123.0	133.5	0.014	0.19	3.34	19.6	3	5.2	209	0.47	0.19	8.7	0.412	2.12	2.5
N815903		88.8	146.0	0.002	1.14	4.22	16.6	3	5.1	109.0	0.42	0.21	7.9	0.403	2.57	2.4
N815904		40.3	151.5	0.004	0.55	4.66	20.4	3	3.9	156.5	0.44	0.31	9.3	0.434	2.44	2.8
N815905		33.1	148.0	0.003	0.24	5.04	19.5	3	3.9	100.5	0.49	0.19	8.5	0.450	2.74	3.1
N815906		26.8	92.2	0.008	0.10	1.62	18.7	3	3.9	353	0.56	0.22	13.7	0.404	1.42	2.8
N815907		128.0	156.5	0.010	0.64	2.71	17.6	4	6.9	174.0	0.47	0.29	13.4	0.344	2.37	2.2
N815908		89.2	143.5	0.011	0.40	2.48	18.6	4	4.7	223	0.56	0.27	15.3	0.374	2.11	2.8
N815909		24.7	99.8	0.005	0.12	2.38	18.3	3	4.2	260	0.54	0.22	15.1	0.369	1.43	2.8
N815910		9730	28.8	0.010	2.18	428	12.5	3	2.0	183.5	0.23	1.18	2.1	0.238	0.49	1.3
N815911		39.5	139.5	0.003	0.71	6.34	16.7	3	6.2	132.0	0.46	0.30	12.7	0.328	1.83	2.6
N815912		27.3	107.0	0.007	0.18	7.02	21.4	3	3.9	196.5	0.42	0.18	8.6	0.421	1.50	3.4
N815913		287	133.5	0.003	0.59	27.1	20.0	5	7.7	133.5	0.40	0.55	8.0	0.417	2.45	4.5
N815914		80.8	88.9	0.003	0.20	7.61	21.7	4	3.8	347	0.44	0.34	7.2	0.454	1.36	3.3
N815915		277	130.0	0.002	1.27	16.95	19.7	4	6.3	393	0.48	0.39	11.1	0.464	2.45	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

CERTIFICATE OF ANALYSIS WH12206245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815880		111	8.1	10.5	325	64.4	4
N815881		164	9.3	15.7	197	36.2	2
N815882		177	12.0	12.8	311	24.1	5
N815883		178	11.4	17.7	378	23.3	2
N815884		181	16.3	15.3	284	24.3	2
N815885		188	31.8	10.7	294	25.0	10
N815886		120	10.0	17.0	462	39.7	1
N815887		127	5.7	18.6	273	23.9	1
N815888		142	7.1	14.8	209	27.5	4
N815889		144	6.1	15.8	197	29.0	3
N815890		143	6.2	16.2	126	29.7	2
N815891		127	7.1	12.6	135	53.8	3
N815892		96	9.3	11.0	143	57.2	3
N815893		95	9.6	10.8	117	60.3	8
N815894		179	6.0	18.7	136	63.0	3
N815895		116	4.2	13.2	96	56.3	1
N815896		116	12.5	10.1	87	22.1	3
N815897		109	3.7	14.3	74	15.5	1
N815898		143	7.5	14.1	99	20.5	2
N815899		128	13.0	11.1	135	15.6	4
N815900		6	0.4	1.2	17	0.8	<1
N815901		115	17.8	8.6	95	17.7	2
N815902		150	11.8	14.8	216	31.0	1
N815903		139	21.9	11.5	145	27.6	1
N815904		152	10.3	14.6	183	29.2	1
N815905		155	11.9	15.4	214	28.3	1
N815906		160	13.8	18.3	137	25.4	1
N815907		154	17.6	13.1	167	24.9	4
N815908		148	12.8	18.5	173	30.9	3
N815909		157	9.0	19.5	159	35.7	<1
N815910		76	0.7	14.4	4860	51.3	91
N815911		144	17.6	13.7	191	34.8	1
N815912		173	9.0	22.8	302	38.4	<1
N815913		155	10.3	17.9	441	31.7	6
N815914		170	62.0	18.6	346	38.4	2
N815915		157	11.0	13.0	725	40.9	6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

CERTIFICATE OF ANALYSIS WH12206245

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206246

Project: Klaza TR-12-39

P.O. No.: Batch 11

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

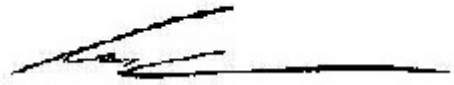
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206246

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815916		4.94	0.095	1.56	8.83	71.8	3540	1.72	1.51	0.38	4.23	52.1	14.8	30	23.9	1110
N815917		5.00	0.059	0.94	8.26	64.8	8110	1.77	0.84	0.23	3.86	62.2	22.6	20	15.70	762
N815918		4.91	0.311	1.77	7.97	119.5	670	1.76	1.19	0.11	2.97	54.4	14.4	22	19.35	1165
N815919		4.47	0.261	2.42	8.10	112.5	1600	1.53	1.37	0.12	3.13	47.2	12.6	27	20.5	1245
N815920		4.80	0.101	2.06	7.67	140.5	2240	1.43	1.06	0.11	2.58	44.5	3.5	26	16.10	834
N815921		5.07	0.110	2.01	6.76	136.0	720	1.12	1.60	0.15	2.57	51.0	2.3	20	22.6	526
N815922		5.09	0.087	1.40	7.98	52.6	1170	1.56	1.39	0.25	5.08	48.4	10.2	14	24.0	1100
N815923		3.92	0.086	0.97	8.09	23.4	5390	1.64	0.78	0.52	4.07	53.0	11.2	13	10.55	997
N815924		6.74	0.173	1.21	8.22	45.3	1750	1.67	1.35	1.14	3.19	43.6	12.9	16	11.00	1160
N815925		4.62	0.066	0.79	8.85	24.8	1870	1.50	0.45	0.54	5.36	48.3	26.3	30	17.50	870
N815926		3.64	0.093	0.88	8.87	26.0	3200	1.53	0.59	0.83	3.59	42.0	20.5	30	14.55	905
N815927		3.97	0.084	0.94	8.85	20.5	1600	1.30	0.40	0.47	4.48	34.2	21.7	32	15.85	812
N815928		5.98	0.135	1.07	7.89	38.7	1800	1.28	1.01	1.09	3.26	36.5	10.6	27	15.50	951
N815929		3.76	0.112	1.14	8.43	64.7	2810	1.37	1.07	0.43	4.83	37.3	12.5	27	13.80	917
N815930		4.19	0.133	2.18	9.12	112.0	1800	1.43	0.72	0.18	7.20	44.6	22.4	28	18.55	1305
N815931		4.48	0.153	2.01	8.83	100.0	2210	1.55	0.87	0.29	10.25	47.8	18.6	26	21.1	1050
N815932		4.99	0.141	1.60	8.91	59.3	3830	1.49	0.66	0.52	5.96	47.1	25.5	28	17.35	1195
N815933		0.26	0.266	98.5	5.41	242	570	0.64	4.96	1.40	23.3	19.45	11.2	63	0.93	5810
N815934		4.87	0.213	3.00	7.45	206	1070	1.56	2.42	0.12	6.54	40.3	14.9	23	24.4	1105
N815935		4.87	0.263	2.39	7.52	227	810	1.48	2.06	0.09	5.15	38.3	10.9	22	20.3	898
N815936		4.16	0.156	2.02	7.97	153.5	840	1.99	1.64	0.15	6.37	46.1	22.2	24	23.1	1260
N815937		6.37	0.183	4.89	8.49	151.5	1640	1.21	3.53	0.11	0.70	51.7	4.7	23	40.1	594
N815938		6.79	0.245	15.85	8.22	187.0	1400	0.82	17.95	0.08	0.40	57.1	1.1	26	25.3	231
N815939		5.26	0.280	12.25	8.30	168.5	860	0.85	8.64	0.19	0.62	46.3	2.7	25	24.9	358
N815940		2.16	<0.005	0.07	0.07	<5	20	0.06	0.10	20.6	0.06	1.17	1.1	<1	0.21	3.2
N815941		5.36	0.277	4.08	8.73	81.3	4480	1.51	3.40	0.89	2.79	43.2	13.7	24	16.10	915
N815942		6.87	0.099	3.04	8.20	66.3	2600	1.28	1.69	0.92	4.63	48.4	9.9	23	22.6	706
N815943		4.00	0.159	3.59	8.11	289	1150	1.18	2.73	0.24	7.70	48.2	7.7	22	26.7	675
N815944		4.22	0.118	2.64	8.42	72.5	2490	1.17	2.14	0.31	12.55	47.9	25.1	25	29.6	834
N815945		4.28	0.213	2.50	8.77	65.5	920	1.22	1.65	0.17	5.74	39.9	8.1	26	28.3	900
N815946		4.06	0.115	1.47	8.67	29.5	1950	1.43	1.19	1.62	4.73	45.3	21.2	28	13.75	1205
N815947		5.99	0.165	1.75	8.45	34.9	1020	1.47	1.21	0.94	4.31	41.8	28.1	27	14.75	1375
N815948		5.49	0.112	2.10	8.76	103.0	720	1.82	1.94	0.16	2.49	47.8	15.8	29	23.7	1025
N815949		4.96	0.089	1.81	8.04	133.0	770	1.66	2.07	0.16	2.24	55.7	14.3	23	19.00	836
N815950		4.65	0.057	0.95	8.28	106.0	1210	1.62	1.08	0.26	3.41	54.9	16.7	18	16.15	581
N815951		5.52	0.117	1.15	8.56	48.8	1860	1.52	1.21	0.65	3.27	51.9	15.9	31	17.10	769

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815916		7.40	21.3	0.20	1.4	0.251	2.71	26.1	26.7	0.62	575	64.0	0.45	7.6	8.0	1120
N815917		4.34	20.6	0.16	1.8	0.078	2.91	29.8	20.7	0.35	1160	24.3	0.34	9.1	7.7	960
N815918		5.29	20.9	0.19	1.8	0.115	3.50	30.1	10.2	0.33	352	48.2	0.05	8.3	6.5	950
N815919		5.39	20.5	0.20	1.5	0.144	3.59	25.6	11.4	0.35	327	65.5	0.05	6.9	5.2	970
N815920		4.97	17.20	0.19	1.6	0.102	3.31	26.6	30.0	0.29	85	59.8	0.05	7.8	4.2	700
N815921		4.86	16.05	0.21	1.6	0.150	3.18	30.4	9.5	0.30	108	43.0	0.04	7.8	2.7	560
N815922		6.64	19.00	0.23	1.0	0.108	3.17	27.6	14.4	0.46	494	41.2	0.17	8.4	7.3	1060
N815923		6.49	18.20	0.23	1.1	0.057	2.80	31.7	24.4	1.17	431	55.8	0.37	9.2	9.2	1130
N815924		6.95	20.6	0.23	1.0	0.094	2.48	22.7	26.7	1.18	355	48.1	1.50	7.6	8.2	1230
N815925		5.11	23.1	0.20	0.9	0.065	2.07	18.2	27.8	0.62	1040	26.5	0.42	7.4	7.7	1190
N815926		5.58	22.6	0.21	0.8	0.072	2.22	17.3	28.1	0.75	669	40.7	0.87	7.6	7.7	1140
N815927		5.82	21.4	0.14	1.0	0.063	2.22	12.4	24.6	0.79	839	29.4	0.33	7.4	6.9	1080
N815928		7.08	19.60	0.19	1.0	0.087	2.37	20.0	22.7	1.39	343	46.5	1.30	7.1	6.1	1030
N815929		6.46	19.90	0.19	0.9	0.151	2.51	18.7	20.0	0.61	608	41.6	0.44	6.9	5.1	950
N815930		6.23	22.9	0.21	0.8	0.112	2.96	19.7	23.2	0.32	1280	55.5	0.06	7.6	5.6	1010
N815931		6.63	21.0	0.22	0.8	0.155	2.69	22.0	23.4	0.39	1400	40.0	0.16	7.0	6.0	1050
N815932		5.53	21.0	0.19	1.0	0.091	2.52	19.5	20.0	0.55	1550	37.3	0.55	7.2	6.0	1020
N815933		5.70	12.30	0.16	1.6	0.406	1.14	9.2	12.0	1.11	1650	19.95	1.61	3.4	26.5	450
N815934		6.64	17.55	0.22	0.9	0.239	3.40	22.9	15.1	0.37	1280	47.4	0.05	5.6	5.0	880
N815935		5.87	19.00	0.24	1.3	0.169	3.38	20.4	14.4	0.37	1320	55.6	0.04	6.1	4.3	790
N815936		5.80	18.80	0.24	1.3	0.223	3.37	25.3	22.4	0.32	1350	39.4	0.05	6.4	6.8	950
N815937		5.90	19.80	0.20	1.5	0.219	3.55	26.2	15.7	0.40	145	38.1	0.05	6.6	3.0	1020
N815938		6.51	20.7	0.28	1.1	0.202	3.74	31.4	10.0	0.37	84	36.3	0.07	6.1	0.6	630
N815939		7.17	20.7	0.27	1.0	0.187	3.59	24.3	16.2	0.39	192	47.6	0.23	5.9	1.8	690
N815940		0.46	0.32	0.21	<0.1	<0.005	0.03	0.6	1.3	12.70	198	0.33	0.01	0.3	1.6	180
N815941		6.28	21.9	0.21	1.1	0.141	2.51	21.4	33.2	1.25	748	39.2	0.92	6.3	7.3	1400
N815942		6.91	21.5	0.24	1.1	0.186	2.73	25.3	24.8	1.03	877	43.9	0.79	6.4	6.4	1200
N815943		7.38	20.5	0.23	1.1	0.495	3.33	25.4	22.8	0.44	1100	34.8	0.10	6.8	6.7	900
N815944		7.82	21.9	0.25	1.0	0.221	3.20	24.7	21.2	0.57	3030	39.7	0.23	5.9	10.9	1090
N815945		6.18	22.6	0.21	0.9	0.164	3.06	20.2	18.6	0.45	1120	51.9	0.06	5.6	5.9	830
N815946		6.88	23.4	0.24	0.9	0.118	2.28	22.5	29.9	1.81	1920	43.9	1.46	6.9	8.5	1330
N815947		6.13	21.9	0.22	0.8	0.114	2.23	18.5	28.8	1.36	2080	92.6	1.21	6.4	7.8	1220
N815948		5.42	21.4	0.24	1.3	0.130	3.84	24.1	13.1	0.41	757	50.9	0.11	5.8	4.2	1070
N815949		4.12	18.50	0.23	2.1	0.120	3.79	29.2	10.6	0.35	942	44.2	0.09	7.5	4.1	840
N815950		3.89	20.4	0.21	2.9	0.075	3.59	26.8	13.6	0.35	1160	29.3	0.22	9.6	5.8	840
N815951		4.54	21.1	0.22	1.6	0.095	2.69	24.2	26.1	0.91	950	32.0	0.62	7.8	6.1	1010

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815916		131.5	128.5	0.003	0.21	13.65	19.6	3	3.5	223	0.49	0.24	8.4	0.439	2.14	4.1
N815917		60.8	146.0	<0.002	0.34	10.35	12.3	2	2.6	266	0.65	0.08	10.7	0.295	2.38	4.9
N815918		152.0	175.0	0.003	0.21	15.75	13.6	2	4.3	71.0	0.60	0.22	10.2	0.315	3.06	5.4
N815919		141.0	178.0	0.009	0.22	13.75	16.3	3	5.1	76.3	0.47	0.22	8.7	0.338	3.03	3.9
N815920		106.0	151.5	0.003	0.36	14.80	8.4	2	4.2	115.5	0.60	0.14	11.0	0.194	2.47	3.7
N815921		167.5	148.5	0.002	0.82	17.50	9.0	2	4.6	122.0	0.59	0.15	11.4	0.205	2.59	3.1
N815922		57.7	141.0	0.002	0.23	13.10	15.7	3	3.9	113.5	0.64	0.15	14.8	0.352	2.30	3.8
N815923		24.0	117.0	0.002	0.13	4.20	16.9	2	2.9	267	0.70	0.11	16.6	0.365	1.42	3.7
N815924		28.1	108.5	0.005	0.06	3.30	17.4	3	4.4	308	0.55	0.18	10.9	0.381	1.40	3.5
N815925		16.3	103.5	<0.002	0.04	3.84	20.8	2	2.5	147.0	0.46	0.06	5.8	0.485	1.37	2.6
N815926		19.9	107.5	0.002	0.09	5.57	23.2	2	2.6	280	0.46	0.06	6.5	0.506	1.35	2.7
N815927		27.6	88.3	<0.002	0.02	2.90	20.8	2	2.3	109.5	0.47	<0.05	5.6	0.529	1.31	2.0
N815928		51.6	115.0	0.004	0.07	3.04	19.4	2	3.0	315	0.45	0.10	7.5	0.449	1.41	2.7
N815929		85.8	121.0	0.004	0.11	6.23	18.3	2	3.3	189.0	0.47	0.10	8.1	0.445	1.75	2.6
N815930		363	133.5	0.010	0.06	19.80	20.4	2	3.7	86.7	0.49	0.08	6.9	0.500	2.11	2.2
N815931		397	124.0	0.003	0.09	15.40	20.5	3	4.8	122.5	0.44	0.11	7.0	0.481	1.97	2.2
N815932		71.1	109.5	0.003	0.11	7.02	21.3	2	3.0	221	0.48	0.07	7.6	0.532	1.78	2.5
N815933		9660	33.3	0.010	2.27	434	11.5	2	1.9	194.5	0.23	1.11	2.2	0.239	0.49	1.4
N815934		223	190.5	0.006	0.22	61.2	16.3	4	3.9	106.5	0.38	0.24	7.5	0.351	3.06	2.9
N815935		137.5	197.5	0.005	0.08	55.4	16.1	4	5.5	97.1	0.43	0.33	8.0	0.337	3.42	2.8
N815936		56.2	174.5	0.007	0.08	50.1	17.9	3	3.8	86.8	0.43	0.21	7.8	0.388	2.65	3.0
N815937		224	197.0	0.003	0.60	11.50	16.5	3	5.5	341	0.47	0.59	10.8	0.333	3.17	2.9
N815938		1075	180.0	0.003	0.81	7.64	17.2	14	12.4	234	0.40	3.46	7.1	0.396	3.41	1.7
N815939		430	178.5	0.002	0.95	8.52	15.3	8	7.9	157.5	0.39	1.19	7.9	0.385	3.33	1.6
N815940		6.2	1.5	<0.002	0.01	0.07	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N815941		143.5	130.0	0.004	0.22	6.22	20.6	3	5.5	380	0.38	0.18	5.9	0.498	2.10	2.6
N815942		149.5	142.5	0.004	0.70	5.85	19.3	3	5.1	331	0.39	0.15	6.6	0.486	2.33	2.6
N815943		293	166.0	0.002	0.87	23.1	17.0	2	7.8	120.5	0.40	0.25	6.2	0.485	3.08	2.7
N815944		137.5	169.5	0.004	0.64	9.25	19.7	3	5.8	182.5	0.35	0.26	6.5	0.448	2.91	3.2
N815945		82.6	163.5	0.003	0.73	7.34	19.9	2	6.8	104.0	0.34	0.14	6.5	0.466	2.62	2.8
N815946		48.6	91.1	0.004	0.23	3.39	21.9	3	5.5	438	0.41	0.12	7.0	0.519	1.74	2.8
N815947		43.9	110.0	0.004	0.06	4.29	19.1	3	4.3	271	0.39	0.17	7.1	0.460	1.87	2.9
N815948		162.5	190.0	0.006	0.07	15.10	17.4	4	4.9	56.5	0.40	0.28	9.6	0.364	3.05	3.8
N815949		79.3	180.5	0.003	0.07	17.95	10.1	2	4.0	40.5	0.57	0.25	12.7	0.239	2.96	4.0
N815950		51.2	144.5	<0.002	0.05	11.55	11.1	2	2.7	85.3	0.71	0.18	11.3	0.314	2.58	5.5
N815951		39.1	129.0	0.003	0.07	10.65	18.7	2	3.9	186.5	0.53	0.19	8.7	0.451	1.85	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815916		168	8.8	17.6	521	53.2	1
N815917		96	4.4	16.3	274	67.2	1
N815918		112	7.9	16.5	245	63.4	1
N815919		137	10.0	15.5	242	54.9	2
N815920		70	7.4	12.6	207	56.7	2
N815921		64	9.0	9.4	210	53.8	2
N815922		133	7.3	16.3	375	30.1	1
N815923		133	4.5	19.1	278	37.9	<1
N815924		151	4.7	21.9	300	30.9	1
N815925		177	3.8	19.9	396	27.5	<1
N815926		189	5.3	20.4	322	24.6	<1
N815927		201	9.9	16.4	300	25.6	1
N815928		170	3.4	18.3	306	30.3	1
N815929		170	6.9	17.7	497	27.0	1
N815930		188	8.2	19.5	599	17.5	2
N815931		180	7.8	20.7	721	17.6	2
N815932		198	5.8	18.7	386	24.8	2
N815933		81	1.9	13.8	4930	57.9	100
N815934		146	8.9	21.1	381	28.6	4
N815935		141	12.3	19.2	297	41.7	2
N815936		165	8.8	26.7	379	42.4	2
N815937		137	11.0	8.6	300	53.4	5
N815938		172	18.6	6.5	302	34.1	17
N815939		161	10.9	6.7	312	28.8	14
N815940		1	0.1	0.8	15	<0.5	<1
N815941		202	10.1	19.9	416	31.4	4
N815942		191	11.4	17.2	434	32.1	3
N815943		178	13.6	11.5	757	35.8	4
N815944		196	10.2	14.8	616	28.5	2
N815945		204	13.3	9.7	349	21.7	3
N815946		210	6.5	20.3	257	20.9	2
N815947		185	5.2	18.0	232	20.7	2
N815948		156	8.6	16.9	236	37.2	2
N815949		86	7.6	15.6	183	70.1	2
N815950		94	6.3	16.0	246	109.5	1
N815951		165	5.4	20.5	219	55.7	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-39

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12206246

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206247

Project: Klaza TR-12-39 Batch 12

P.O. No.: Batch 12

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

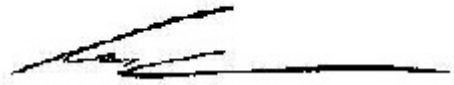
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

CERTIFICATE OF ANALYSIS WH12206247

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815952		7.24	0.106	1.26	8.63	32.6	2300	1.39	1.10	0.69	2.56	48.3	17.8	28	15.95	818
N815953		5.68	0.084	1.21	8.63	73.4	1730	2.04	1.01	0.33	1.78	53.4	20.5	26	16.75	1130
N815954		4.63	0.110	1.21	8.58	68.1	1210	1.75	1.16	0.36	2.64	52.7	20.7	25	21.3	1240
N815955		5.15	0.099	1.24	8.54	34.9	1700	1.57	1.54	0.68	2.20	49.5	19.1	27	19.50	953
N815956		8.22	0.122	1.91	7.43	124.0	2170	1.49	1.92	0.38	1.78	40.7	16.0	21	16.00	789
N815957		4.58	0.179	4.75	7.71	159.0	1160	1.67	7.70	0.24	1.69	42.0	7.3	20	29.6	750
N815958		5.77	0.111	3.03	8.76	199.0	680	1.34	5.04	0.23	3.10	41.4	14.5	19	15.50	758
N815959		3.58	0.077	1.15	8.89	44.1	2590	1.57	1.48	0.68	2.40	33.6	14.2	18	18.00	583
N815960		4.27	0.085	1.50	8.10	49.7	6370	1.62	1.95	1.01	2.47	32.3	11.1	16	14.55	646
N815961		4.26	0.058	1.15	9.15	41.1	1660	1.52	1.69	0.54	1.74	31.3	9.7	18	14.10	518
N815962		5.76	0.066	0.71	9.05	44.2	700	1.61	1.15	0.37	1.90	38.8	15.4	16	14.75	566
N815963		5.58	0.120	1.14	8.66	57.6	1560	1.53	1.44	0.46	1.63	34.4	14.3	15	14.25	655
N815964		6.74	0.087	1.23	8.52	49.8	1470	1.78	1.92	1.09	1.54	37.5	11.5	17	13.65	646
N815965		4.84	0.090	0.92	8.19	31.9	1360	1.76	1.62	1.28	1.29	34.8	10.0	19	13.95	688
N815966		4.90	0.074	1.40	8.41	52.4	2030	1.70	1.53	0.42	1.76	38.3	17.6	15	18.95	927
N815967		4.25	0.072	1.93	8.46	116.5	720	1.59	3.00	0.21	1.12	61.1	3.1	14	24.2	670
N815968		4.14	0.078	1.73	8.32	90.6	3460	1.72	2.41	0.28	1.90	39.1	9.6	16	19.60	888
N815969		7.00	0.088	2.22	8.30	118.5	1710	1.49	3.40	0.23	1.97	35.1	10.5	16	19.05	869
N815970		7.54	0.210	4.99	7.95	355	600	1.60	7.61	0.14	2.39	37.2	5.9	17	22.4	1335
N815971		4.30	<0.005	0.02	0.07	<5	30	0.05	0.04	21.2	0.06	1.24	1.1	<1	0.20	6.2
N815972		4.04	0.212	11.75	7.05	375	500	1.91	115.0	0.13	2.67	39.1	7.8	14	18.10	1875
N815973		5.04	0.250	4.61	8.45	389	800	1.90	17.55	0.24	3.17	66.2	18.8	14	20.3	1490
N815974		6.40	0.136	1.43	8.87	187.0	880	1.77	2.30	0.26	1.95	67.4	18.6	15	19.40	1260
N815975		5.47	0.191	1.31	8.90	194.0	630	1.97	1.91	0.22	2.09	55.9	16.8	13	19.70	1625
N815976		4.17	0.279	1.73	8.42	221	620	2.02	1.77	0.22	3.19	62.2	24.2	14	22.2	1610
N815977		4.89	0.493	2.49	7.92	420	1110	1.86	1.59	0.20	6.22	63.1	17.0	12	25.4	1980
N815978		5.14	0.108	1.06	8.42	88.7	3570	1.77	1.28	0.52	1.67	58.4	14.3	16	18.95	964
N815979		3.77	0.093	0.88	8.66	83.9	2510	1.94	1.51	0.54	1.86	64.8	19.1	14	16.05	1040
N815980		5.32	0.087	0.81	8.24	27.4	2310	1.75	1.11	1.16	0.93	52.1	15.6	14	9.91	705
N815981		5.27	0.158	1.16	8.41	52.5	2260	1.79	1.55	0.58	1.25	52.9	20.7	12	11.30	1110
N815982		0.26	0.271	>100	5.35	201	610	0.67	4.99	1.45	23.3	19.40	11.3	64	0.86	6100
N815983		7.17	0.202	1.36	8.12	24.4	2060	1.65	1.04	0.60	0.97	53.0	16.9	25	10.20	810
N815984		4.53	0.190	1.50	7.96	35.9	2160	1.67	1.25	1.19	0.68	54.4	16.2	30	7.25	724
N815985		6.13	0.249	1.61	8.24	82.6	2520	2.24	1.85	0.40	1.70	56.3	20.3	14	21.0	1485
N815986		6.06	1.050	2.47	8.08	99.5	1460	1.85	5.12	0.63	1.57	43.2	9.2	17	15.90	1035
N815987		4.75	0.156	1.44	8.41	60.3	1200	2.03	2.04	0.83	2.07	42.9	17.8	18	12.50	1610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

CERTIFICATE OF ANALYSIS WH12206247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815952		4.69	22.0	0.17	1.4	0.087	2.52	23.2	31.0	1.33	910	29.4	0.62	7.4	6.5	960
N815953		5.03	20.5	0.20	1.4	0.089	3.52	30.5	26.4	0.86	741	46.2	0.24	7.0	5.6	800
N815954		5.23	22.2	0.20	1.2	0.072	2.81	26.9	32.2	0.85	935	45.7	0.18	6.5	6.5	910
N815955		5.30	21.4	0.20	1.3	0.091	2.47	25.6	35.9	1.42	851	37.9	0.60	7.0	6.5	990
N815956		4.38	18.65	0.19	1.0	0.127	2.87	21.3	23.1	0.57	722	46.8	0.38	6.6	4.7	790
N815957		5.15	18.95	0.21	0.9	0.353	2.71	23.8	25.5	0.42	425	52.7	0.17	6.6	6.7	840
N815958		4.51	21.8	0.18	0.6	0.253	2.00	19.3	55.0	0.22	997	35.7	0.09	7.2	5.7	1060
N815959		3.31	23.6	0.15	0.7	0.114	1.34	13.2	29.3	0.44	1310	18.25	0.56	8.6	5.3	1010
N815960		4.67	20.9	0.21	0.6	0.127	2.05	15.8	20.4	0.49	1020	35.8	1.02	7.0	4.8	940
N815961		3.63	23.4	0.16	0.6	0.124	1.53	11.9	27.9	0.38	1020	25.5	0.36	7.2	4.2	920
N815962		2.83	22.8	0.14	0.6	0.057	1.57	14.2	27.5	0.35	1300	36.3	0.29	7.2	5.6	940
N815963		3.86	23.0	0.18	0.6	0.077	1.84	15.9	29.4	0.53	808	39.4	0.68	7.1	5.4	890
N815964		4.65	23.0	0.21	0.6	0.116	2.03	17.3	24.7	0.61	855	41.8	1.39	8.0	5.7	1030
N815965		4.09	21.0	0.20	0.7	0.087	1.85	16.4	22.2	0.62	696	32.9	1.72	7.7	5.0	1010
N815966		4.61	20.0	0.23	0.7	0.078	2.69	17.7	21.2	0.32	1300	44.1	0.74	7.5	5.6	930
N815967		5.98	20.0	0.23	0.7	0.123	3.58	32.8	18.5	0.38	196	33.9	0.15	8.0	4.3	1160
N815968		4.91	21.4	0.20	0.7	0.142	2.78	20.6	25.7	0.31	1060	47.9	0.42	7.3	4.5	860
N815969		4.59	20.3	0.22	0.7	0.218	2.75	18.5	18.8	0.33	973	35.6	0.23	6.7	3.6	760
N815970		6.12	22.5	0.22	0.6	0.365	3.48	20.8	17.4	0.37	866	26.7	0.05	5.1	3.0	920
N815971		0.48	0.29	0.08	<0.1	<0.005	0.03	0.6	1.0	12.60	196	0.22	<0.01	0.3	1.3	350
N815972		6.28	19.45	0.18	0.6	0.404	3.16	20.2	19.9	0.35	889	45.8	0.05	4.6	3.4	950
N815973		5.63	19.80	0.21	0.8	0.267	3.40	31.7	26.5	0.37	1600	45.8	0.07	7.6	4.7	1260
N815974		4.47	19.40	0.21	0.8	0.087	2.90	31.0	46.1	0.27	1260	70.7	0.06	8.4	6.0	1210
N815975		5.53	18.85	0.20	0.8	0.105	2.93	28.1	30.7	0.31	926	88.7	0.07	6.0	4.6	1100
N815976		5.28	18.50	0.21	0.7	0.081	2.72	30.3	28.1	0.30	2160	114.0	0.06	6.9	5.7	1100
N815977		5.95	18.25	0.26	0.8	0.094	3.51	35.2	14.7	0.39	5040	105.5	0.07	6.8	8.9	1110
N815978		4.68	18.90	0.21	0.9	0.065	2.90	29.6	28.3	0.51	700	58.9	0.55	8.0	7.4	1130
N815979		5.00	18.45	0.22	0.8	0.062	2.95	30.7	27.9	0.62	866	52.4	0.44	7.8	8.7	1130
N815980		4.41	18.00	0.21	0.8	0.061	2.84	24.6	26.4	1.37	533	42.4	1.49	7.9	6.9	1100
N815981		4.95	17.65	0.24	0.7	0.081	3.51	25.2	41.6	1.27	721	87.3	0.98	5.7	6.3	1020
N815982		5.80	12.55	0.19	1.6	0.422	1.15	9.4	14.1	1.14	1720	23.2	1.64	3.5	29.6	450
N815983		4.23	17.85	0.20	0.7	0.095	3.50	24.0	30.8	1.41	577	56.3	1.07	6.0	8.6	1130
N815984		4.51	18.40	0.22	0.7	0.108	3.28	26.5	20.3	1.64	338	49.6	1.52	7.0	9.5	1220
N815985		5.65	19.55	0.25	0.8	0.139	3.18	28.7	51.0	0.47	641	85.5	1.14	6.3	5.9	1070
N815986		6.36	19.55	0.23	0.7	0.150	3.31	23.8	20.5	0.77	314	54.9	0.85	6.4	4.1	840
N815987		7.00	19.45	0.22	0.8	0.120	2.37	19.9	20.6	0.66	574	138.0	0.95	6.8	4.7	910

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

CERTIFICATE OF ANALYSIS WH12206247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815952		29.3	119.0	0.002	0.06	8.76	21.9	2	4.0	203	0.50	0.13	7.6	0.452	1.73	2.8
N815953		38.6	151.5	0.002	0.07	9.37	18.3	3	3.4	135.0	0.53	0.12	9.8	0.348	2.02	4.0
N815954		36.9	144.0	0.003	0.04	10.05	22.7	3	3.8	96.8	0.45	0.14	7.6	0.410	2.00	3.5
N815955		58.0	115.0	0.002	0.09	10.10	24.1	3	3.6	178.0	0.47	0.21	7.3	0.460	1.69	2.7
N815956		86.6	130.0	0.003	0.21	28.4	17.3	3	5.5	149.0	0.48	0.14	9.7	0.329	2.35	3.1
N815957		179.5	139.0	0.003	0.17	29.5	17.3	4	6.7	128.5	0.46	0.77	9.7	0.340	2.45	3.5
N815958		139.0	100.5	0.004	0.07	74.4	15.6	4	5.6	71.5	0.52	0.54	9.0	0.385	1.91	3.4
N815959		115.5	68.4	<0.002	0.09	16.25	15.3	2	2.7	205	0.59	0.08	8.2	0.440	1.23	2.1
N815960		283	107.5	0.003	0.20	6.78	15.2	3	5.0	413	0.47	0.14	7.9	0.342	1.76	2.1
N815961		126.0	78.8	0.002	0.08	10.35	14.1	3	3.0	143.5	0.50	0.10	7.8	0.335	1.37	1.9
N815962		34.8	92.3	0.004	0.03	12.40	14.6	2	2.3	76.8	0.52	0.07	9.6	0.377	1.47	2.2
N815963		61.2	110.0	0.003	0.06	5.99	14.8	3	2.8	182.0	0.45	0.09	7.9	0.355	1.52	2.2
N815964		138.0	106.5	0.003	0.06	6.28	15.7	3	3.8	302	0.50	0.13	7.9	0.402	1.83	2.6
N815965		51.7	100.0	0.002	0.05	4.46	14.8	3	2.7	359	0.51	0.10	8.0	0.386	1.62	2.0
N815966		64.9	134.5	0.006	0.12	5.63	16.3	3	2.9	203	0.49	0.09	9.4	0.357	2.33	2.7
N815967		67.3	187.0	0.003	0.61	7.86	17.9	3	4.8	92.0	0.46	0.17	18.7	0.371	3.16	3.0
N815968		75.3	148.5	0.006	0.30	6.53	14.9	2	4.7	214	0.52	0.20	9.2	0.364	2.61	2.6
N815969		108.5	142.5	0.002	0.26	10.50	14.6	3	5.5	118.5	0.46	0.17	8.8	0.335	2.65	2.7
N815970		201	201	0.003	0.34	87.7	13.9	3	10.4	63.3	0.41	0.24	11.8	0.277	3.46	2.7
N815971		1.8	1.7	<0.002	<0.01	0.15	0.2	1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N815972		267	184.5	0.003	0.11	133.5	13.3	3	9.6	40.7	0.32	0.22	10.2	0.240	3.54	4.9
N815973		178.5	189.0	0.005	0.11	95.7	16.7	3	6.7	64.3	0.56	0.16	17.5	0.333	3.46	4.9
N815974		38.2	145.5	0.006	0.05	37.3	17.6	3	3.4	77.6	0.61	0.10	16.2	0.384	2.32	4.5
N815975		53.3	155.5	0.007	0.05	39.6	17.7	4	5.1	52.5	0.48	0.15	17.3	0.314	2.34	4.4
N815976		108.5	139.5	0.008	0.04	58.6	18.6	3	4.9	48.0	0.52	0.17	15.8	0.344	2.29	4.1
N815977		180.5	190.5	0.005	0.09	94.7	18.0	4	4.5	44.2	0.45	0.19	14.2	0.320	3.42	4.0
N815978		29.8	140.5	0.004	0.09	14.35	18.6	3	4.0	215	0.58	0.09	14.3	0.355	1.78	3.2
N815979		33.6	130.0	0.002	0.05	16.95	18.0	3	3.4	168.0	0.56	0.10	14.3	0.355	1.68	3.7
N815980		27.7	119.5	0.002	0.04	3.29	17.3	2	2.7	311	0.53	0.08	13.7	0.368	1.60	2.2
N815981		33.0	140.0	0.004	0.03	3.45	16.7	2	3.8	199.0	0.38	0.11	14.4	0.280	1.88	2.7
N815982		>10000	29.9	0.010	2.23	453	13.0	3	1.8	188.0	0.23	1.01	2.0	0.242	0.49	1.4
N815983		52.7	153.5	0.005	0.05	3.58	17.3	2	4.8	193.0	0.41	0.09	12.3	0.311	1.98	2.3
N815984		33.5	133.0	0.006	0.09	3.12	17.4	3	3.6	311	0.48	0.11	14.0	0.347	1.63	2.6
N815985		33.6	141.0	0.004	0.07	5.38	17.0	3	3.4	225	0.51	0.14	15.1	0.288	1.70	3.9
N815986		88.8	153.0	0.005	0.13	5.59	20.5	4	12.7	172.0	0.44	0.31	13.8	0.303	1.87	2.8
N815987		39.6	109.0	0.006	0.06	7.50	21.3	4	5.5	204	0.48	0.22	11.4	0.345	1.57	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

CERTIFICATE OF ANALYSIS WH12206247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N815952		170	5.3	20.9	188	47.8	1	
N815953		131	5.7	19.9	226	43.3	1	
N815954		161	6.4	23.9	238	39.4	1	
N815955		178	4.4	22.1	240	40.6	1	
N815956		121	7.3	16.3	246	32.1	2	
N815957		117	10.9	13.4	394	26.2	5	
N815958		119	10.2	18.4	336	14.9	3	
N815959		130	3.5	15.5	296	14.9	1	
N815960		112	17.1	18.7	305	13.4	1	
N815961		112	3.8	14.3	253	12.2	1	
N815962		123	3.0	15.3	215	13.5	<1	
N815963		128	2.5	17.4	230	15.7	1	
N815964		130	3.8	17.7	209	15.7	1	
N815965		119	3.5	17.7	167	18.0	1	
N815966		119	4.6	17.9	182	17.7	2	
N815967		143	6.7	13.3	203	20.2	2	
N815968		111	6.3	14.3	226	17.7	2	
N815969		104	4.7	15.8	222	17.9	3	
N815970		101	10.2	16.1	269	16.0	6	
N815971		2	0.4	0.9	14	<0.5	<1	
N815972		93	7.2	16.4	326	16.4	12	
N815973		131	5.5	21.3	293	22.3	5	
N815974		141	4.9	22.5	251	20.1	1	
N815975		116	7.6	26.2	310	19.3	2	
N815976		129	9.8	24.2	320	17.0	2	
N815977		135	8.3	30.0	311	18.4	3	
N815978		136	7.4	22.9	197	21.8	1	
N815979		134	6.0	24.0	353	19.5	1	
N815980		131	3.2	19.4	127	19.1	1	
N815981		116	7.1	20.3	153	16.7	1	
N815982		79	0.6	14.5	5100	54.7	102	1.050
N815983		136	11.7	18.1	162	18.2	1	
N815984		138	3.6	19.2	102	18.7	2	
N815985		110	3.5	23.8	210	22.4	2	
N815986		122	13.3	17.4	154	17.8	3	
N815987		109	7.3	21.8	231	19.0	2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

CERTIFICATE OF ANALYSIS WH12206247

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206248

Project: Klaza TR-12-39

P.O. No.: Batch 13

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

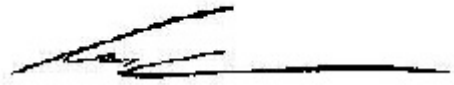
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206248

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815988		4.97	0.110	1.84	8.12	49.3	1190	1.58	2.16	0.89	1.18	22.3	8.7	31	10.70	854
N815989		5.34	0.683	10.45	8.64	353	2990	1.65	11.25	0.27	0.84	56.8	1.8	20	27.8	663
N815990		4.02	0.125	0.96	7.81	379	770	1.39	0.56	0.08	0.22	63.2	2.8	19	15.10	228
N815991		7.48	0.470	14.15	7.23	197.0	540	1.14	17.40	0.08	0.26	52.4	1.0	15	18.60	113.0
N815992		6.75	1.380	31.6	9.13	406	740	1.54	29.7	0.10	0.38	84.8	0.7	17	23.9	188.5
N815993		5.91	0.121	1.56	8.77	166.0	1000	2.04	1.77	0.48	1.67	53.4	24.7	18	18.65	1115
N815994		4.69	0.142	1.91	8.84	103.5	1320	1.99	1.36	0.69	1.19	33.7	7.2	15	17.75	825
N815995		4.08	0.126	1.17	8.76	49.2	980	1.62	0.49	0.57	0.68	24.1	5.2	8	12.85	639
N815996		3.98	0.137	1.26	8.06	52.7	1550	1.80	0.51	0.28	1.10	30.7	7.7	8	13.70	825
N815997		3.94	0.201	2.56	8.31	14.5	960	1.67	0.47	0.91	1.00	37.5	13.0	18	13.70	1205
N815998		4.23	0.150	1.60	8.89	47.9	750	1.75	0.67	0.45	1.39	36.5	9.8	13	20.2	1145
N815999		4.51	0.126	1.20	8.98	45.1	620	1.88	0.56	0.33	1.15	38.8	6.1	13	17.00	1055
N816000		6.96	0.111	1.81	8.53	76.1	570	1.02	0.86	0.13	0.45	22.1	0.9	11	18.25	303
M355701		6.48	0.158	1.37	8.15	73.6	810	1.28	0.77	0.13	0.96	38.7	2.1	8	17.95	442
M355702		4.49	0.143	2.09	7.76	118.0	530	1.59	1.47	0.13	1.88	40.2	6.4	8	12.55	578
M355703		5.94	0.123	1.96	8.08	109.5	1150	1.54	1.08	0.15	1.34	41.4	5.0	10	13.70	529
M355704		5.34	0.133	1.93	8.99	110.5	1870	1.71	1.06	0.18	1.76	37.4	11.6	7	12.80	756
M355705		5.41	1.460	5.23	7.67	163.0	2730	1.35	9.79	0.12	3.23	38.8	7.5	10	15.10	566
M355706		7.27	0.392	18.25	7.36	306	3050	1.00	23.8	0.11	0.30	34.5	1.5	9	22.6	178.5
M355707		2.58	<0.005	0.25	0.06	<5	20	0.06	0.05	21.2	0.05	1.08	0.6	<1	0.18	3.0
M355708		3.83	0.388	5.58	7.87	303	940	1.23	6.08	0.12	2.50	48.3	3.4	8	13.05	441
M355709		6.19	0.310	3.57	7.85	270	980	1.41	2.04	0.10	2.59	86.1	6.4	12	18.10	744
M355710		5.30	0.166	1.99	7.92	155.0	900	1.61	1.18	0.17	1.64	59.5	15.2	10	17.70	1170
M355711		3.58	0.133	1.48	8.35	118.5	2000	1.87	0.74	0.41	2.07	46.2	13.9	16	19.90	1370
M355712		2.94	0.263	1.61	8.12	56.8	1350	1.82	0.66	0.89	1.80	38.8	16.4	23	15.30	1500
M355713		4.85	0.159	1.27	8.45	34.5	1610	1.65	0.51	0.34	1.98	44.1	16.5	16	13.25	1335
M355714		4.47	0.224	1.55	8.44	55.1	1290	1.74	1.24	1.04	3.03	50.2	19.5	22	22.8	1490
M355715		4.68	0.584	3.17	7.97	33.6	1920	1.40	3.19	0.60	0.88	39.5	9.2	19	11.55	1210
M355716		2.92	0.297	1.61	7.68	30.0	1290	1.45	0.68	1.85	1.25	41.3	16.2	20	8.73	1085
M355717		3.71	0.235	1.91	7.97	25.6	1040	1.61	0.83	0.89	1.97	49.2	14.5	21	24.0	1340
M355718		4.41	0.077	0.86	7.57	32.9	1110	1.66	0.67	1.16	2.15	35.3	14.5	20	27.4	1075
M355719		5.14	0.139	1.40	8.12	46.3	1590	1.75	1.20	0.66	2.37	47.7	16.7	22	24.5	1300
M355720		0.26	1.335	34.2	7.62	509	1240	1.78	1.12	0.30	31.3	75.6	5.9	18	3.38	128.0
M355721		4.08	0.109	1.86	8.11	30.5	1460	1.53	1.42	1.57	1.72	41.4	14.5	20	14.10	845
M355722		4.31	0.134	1.66	8.00	32.6	1900	1.54	1.71	0.72	3.01	60.7	28.1	21	21.1	1325
M355723		4.73	0.092	1.34	7.80	25.2	1710	1.72	2.06	1.46	2.91	54.7	21.0	20	12.90	1300

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815988		4.12	20.0	0.13	0.6	0.138	2.28	11.3	22.6	0.84	362	53.1	1.79	4.9	3.2	330
N815989		5.51	21.6	0.17	1.5	0.900	3.33	31.6	15.3	0.47	186	84.3	0.43	5.9	2.2	1080
N815990		3.90	19.80	0.17	2.6	0.092	3.69	36.3	13.3	0.38	151	4.82	0.05	9.8	3.4	990
N815991		4.96	21.8	0.19	1.3	0.457	3.48	30.4	9.2	0.37	58	63.7	0.06	6.0	1.3	350
N815992		5.59	26.9	0.21	0.6	0.681	4.50	43.8	17.4	0.49	75	354	0.10	4.9	1.0	660
N815993		4.36	22.7	0.14	0.6	0.286	1.49	21.1	37.0	0.26	1000	52.4	0.39	7.1	4.3	1080
N815994		2.78	21.8	0.14	0.5	0.161	2.48	13.6	25.9	0.30	602	45.3	1.26	4.5	3.0	530
N815995		2.10	17.50	0.14	0.4	0.092	2.30	11.8	19.4	0.29	188	31.1	2.47	2.8	2.5	340
N815996		2.57	16.40	0.15	0.6	0.125	2.43	16.3	39.4	0.27	247	34.1	1.89	3.4	2.9	350
N815997		5.43	20.4	0.15	0.8	0.187	1.97	15.8	41.5	1.58	303	41.1	1.27	5.4	5.0	990
N815998		4.24	19.95	0.15	0.7	0.209	2.56	16.5	30.6	0.47	274	49.8	1.00	5.2	3.5	710
N815999		4.05	18.40	0.13	0.5	0.483	2.34	20.4	28.8	0.44	130	67.6	0.81	5.2	4.5	740
N816000		2.40	15.85	0.13	0.6	0.195	3.67	12.5	15.9	0.35	62	43.4	0.06	3.0	1.8	210
M355701		2.69	18.15	0.15	0.5	0.194	3.16	22.5	19.4	0.32	133	34.8	0.23	3.2	2.0	320
M355702		3.57	17.35	0.13	1.0	0.362	2.79	23.6	19.4	0.29	259	34.1	0.60	4.2	3.4	410
M355703		3.17	18.00	0.17	1.3	0.193	3.03	22.6	22.9	0.31	168	28.7	0.17	5.4	3.6	540
M355704		3.24	18.75	0.15	0.6	0.148	2.81	19.4	19.7	0.31	685	36.8	1.34	3.4	3.5	350
M355705		3.71	17.50	0.15	0.6	0.293	2.97	21.9	17.2	0.31	1470	66.2	0.74	3.5	4.6	330
M355706		3.39	20.1	0.16	0.6	0.605	2.95	19.2	22.9	0.29	88	57.5	0.06	4.3	2.0	220
M355707		0.46	0.24	0.12	<0.1	0.010	0.03	0.5	1.2	13.20	206	0.18	<0.01	0.2	1.9	170
M355708		3.66	18.80	0.17	0.5	0.367	3.85	29.4	11.4	0.38	310	39.6	0.07	2.1	2.2	240
M355709		3.98	19.15	0.21	0.5	0.224	3.57	56.9	15.7	0.31	428	52.8	0.06	3.2	3.1	290
M355710		3.56	15.90	0.19	0.7	0.141	3.37	29.5	13.6	0.29	815	41.1	0.09	4.8	3.8	610
M355711		4.00	19.25	0.18	0.7	0.095	3.01	20.6	23.9	0.34	748	41.9	0.52	5.3	5.0	620
M355712		5.51	20.7	0.19	0.6	0.104	2.90	18.4	24.3	0.66	759	48.9	1.23	5.4	6.4	700
M355713		5.13	19.10	0.18	0.8	0.098	3.22	21.9	46.7	0.80	722	34.6	0.57	6.1	5.6	820
M355714		6.14	20.9	0.19	1.1	0.105	2.70	23.3	38.1	0.93	868	38.5	0.84	5.8	6.8	1040
M355715		6.98	21.1	0.19	0.9	0.222	4.29	19.1	29.3	1.23	339	80.4	0.87	3.5	4.5	920
M355716		5.82	19.40	0.17	1.0	0.103	2.12	17.8	20.3	1.67	771	43.6	1.42	6.4	6.2	950
M355717		5.27	20.1	0.19	1.1	0.142	2.81	25.1	20.8	0.81	547	39.5	1.30	6.0	5.7	910
M355718		5.33	20.4	0.16	1.1	0.074	2.60	17.0	21.0	0.87	581	80.7	1.22	6.9	5.6	900
M355719		5.34	19.40	0.16	1.2	0.086	3.05	22.5	31.6	0.68	774	76.1	0.91	5.7	5.8	920
M355720		5.48	22.9	0.20	2.3	0.246	3.60	38.4	23.7	0.29	1010	5.50	0.07	12.5	7.1	1730
M355721		5.53	21.3	0.18	1.1	0.137	2.41	20.4	27.8	1.39	454	39.2	1.40	6.4	6.6	950
M355722		5.55	18.70	0.19	1.2	0.128	2.82	26.5	26.3	0.68	1680	69.1	0.85	5.9	6.5	940
M355723		6.21	19.35	0.18	1.1	0.141	2.14	26.7	28.0	1.35	1580	56.2	1.29	6.3	6.8	860

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N815988		51.4	121.5	0.006	0.07	3.63	15.8	1	5.0	291	0.33	0.14	5.9	0.283	1.82	1.7
N815989		323	191.0	0.007	0.54	16.35	15.5	2	8.2	380	0.44	0.54	14.2	0.277	3.43	4.8
N815990		29.3	222	0.003	0.53	9.54	7.4	3	1.8	142.5	0.74	0.16	13.5	0.251	4.28	5.0
N815991		284	211	0.008	1.35	21.9	9.4	4	16.0	130.0	0.46	3.96	8.2	0.240	3.50	2.4
N815992		1255	300	0.010	1.35	85.8	14.5	7	22.1	213	0.34	1.01	11.8	0.285	4.12	1.2
N815993		70.8	83.2	0.005	0.29	23.9	16.4	2	5.9	161.0	0.47	0.20	10.9	0.400	1.31	4.2
N815994		79.9	134.5	0.009	0.12	11.35	10.7	2	6.3	231	0.34	0.16	5.7	0.272	1.97	2.0
N815995		44.0	101.0	0.011	0.07	6.01	6.5	1	2.8	295	0.23	0.09	4.3	0.159	1.61	1.2
N815996		60.3	114.5	0.008	0.10	3.65	7.8	1	2.7	240	0.29	0.06	9.6	0.143	1.60	1.9
N815997		42.8	94.0	0.008	0.04	2.00	17.8	2	2.9	220	0.38	0.05	6.8	0.422	1.46	2.9
N815998		59.2	127.0	0.006	0.04	3.45	15.7	2	3.9	153.0	0.39	0.09	7.2	0.319	1.94	3.5
N815999		62.4	115.5	0.010	0.03	4.97	15.1	2	2.6	122.0	0.38	0.09	8.5	0.280	1.62	4.8
N816000		90.0	177.5	0.007	0.21	9.81	6.6	1	3.6	50.1	0.26	0.07	5.6	0.185	2.83	1.1
M355701		58.7	145.5	0.004	0.17	6.82	9.6	2	4.7	74.9	0.27	0.13	10.2	0.140	2.00	1.6
M355702		82.1	141.0	0.003	0.07	10.20	8.5	1	5.1	99.0	0.34	0.15	11.1	0.157	1.99	3.3
M355703		78.8	159.5	0.003	0.07	12.70	8.0	1	3.3	113.5	0.46	0.12	11.3	0.189	2.35	3.2
M355704		80.0	145.5	0.006	0.07	9.92	7.7	1	3.0	179.5	0.28	0.08	10.1	0.153	2.06	2.9
M355705		114.0	154.5	0.012	0.20	8.44	8.3	2	7.2	177.0	0.30	0.18	9.1	0.145	2.23	2.7
M355706		232	156.0	0.003	0.41	83.4	8.1	3	16.9	152.0	0.33	0.32	7.0	0.205	2.63	1.5
M355707		1.7	1.4	<0.002	<0.01	0.20	0.3	<1	0.2	43.5	<0.05	<0.05	<0.2	<0.005	0.05	0.5
M355708		133.0	208	0.006	0.18	61.8	6.2	2	13.7	58.8	0.20	0.22	6.6	0.118	3.06	2.2
M355709		51.1	177.5	0.005	0.10	37.4	10.7	2	10.7	46.6	0.28	0.17	9.2	0.181	2.42	3.7
M355710		43.3	152.5	0.009	0.06	27.1	10.4	2	3.1	47.1	0.44	0.12	19.2	0.192	2.32	4.8
M355711		39.8	144.0	0.007	0.09	18.10	13.2	2	4.1	158.0	0.46	0.11	16.2	0.230	2.01	4.7
M355712		41.0	140.5	0.017	0.14	5.97	14.2	2	4.3	236	0.41	0.10	11.4	0.302	1.79	3.6
M355713		28.1	135.5	0.003	0.04	3.48	17.2	2	3.5	124.5	0.45	0.06	12.1	0.330	1.79	3.8
M355714		28.9	138.0	0.008	0.16	9.16	19.0	2	3.4	218	0.38	0.14	8.8	0.395	1.87	4.0
M355715		36.6	177.0	0.019	0.35	2.95	17.8	3	8.4	178.5	0.24	0.28	7.1	0.299	2.10	2.7
M355716		26.3	85.3	0.004	0.17	3.39	17.7	2	3.2	382	0.41	0.17	7.3	0.406	1.47	2.9
M355717		19.5	137.5	0.007	0.16	3.10	17.9	2	4.8	244	0.38	0.18	8.0	0.398	1.60	3.2
M355718		24.1	100.5	0.009	0.11	2.72	17.4	2	3.8	265	0.41	0.17	6.4	0.411	1.56	3.0
M355719		27.6	144.5	0.013	0.11	3.85	17.5	2	3.7	193.5	0.36	0.19	7.6	0.385	2.07	4.1
M355720		3910	176.5	0.004	0.62	64.6	15.3	4	20.0	379	0.74	0.29	7.3	0.449	2.01	3.5
M355721		29.5	122.5	0.006	0.17	2.27	19.2	1	3.7	346	0.37	0.20	7.3	0.407	1.74	2.6
M355722		43.5	134.0	0.009	0.13	4.20	17.3	2	4.6	213	0.39	0.24	9.1	0.387	1.82	4.3
M355723		35.6	97.1	0.003	0.14	2.55	17.8	2	4.0	326	0.40	0.36	8.7	0.393	1.43	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N815988		61	5.4	11.7	151	13.8	2
N815989		85	6.7	8.8	301	47.7	10
N815990		53	3.1	8.6	243	93.2	1
N815991		66	9.2	5.6	75	41.3	14
N815992		102	18.5	5.8	95	12.7	30
N815993		113	8.9	16.2	252	13.3	2
N815994		68	7.7	9.8	130	10.2	2
N815995		40	4.3	7.0	98	9.3	<1
N815996		43	4.8	9.9	120	15.0	1
N815997		148	2.3	16.2	239	20.1	1
N815998		103	4.3	14.8	305	14.3	<1
N815999		89	3.8	14.2	358	12.2	<1
N816000		37	7.1	4.9	108	14.1	1
M355701		50	6.8	8.1	131	13.3	1
M355702		43	4.3	10.6	277	31.5	1
M355703		45	3.6	9.8	184	47.2	1
M355704		40	3.4	10.1	208	15.1	1
M355705		43	5.7	7.2	155	14.3	4
M355706		66	8.6	4.6	90	15.6	11
M355707		2	0.1	0.8	12	<0.5	<1
M355708		41	7.8	6.8	131	13.0	5
M355709		57	8.0	10.8	127	15.5	2
M355710		59	4.5	14.7	134	18.5	1
M355711		72	4.7	19.8	162	19.2	<1
M355712		99	3.5	18.3	200	14.6	1
M355713		104	4.7	20.8	227	21.5	<1
M355714		147	4.6	26.7	274	38.7	<1
M355715		158	5.7	16.4	186	31.0	2
M355716		144	3.1	19.8	160	35.9	1
M355717		146	3.9	21.5	222	38.8	1
M355718		145	8.3	18.7	207	42.2	<1
M355719		139	7.4	22.9	225	44.5	1
M355720		138	3.6	19.8	2380	71.6	31
M355721		147	3.8	17.9	167	45.3	<1
M355722		134	6.8	24.4	230	74.3	1
M355723		132	4.7	22.7	224	40.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206248

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206249

Project: Klaza TR-12-39

P.O. No.: Batch 14

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

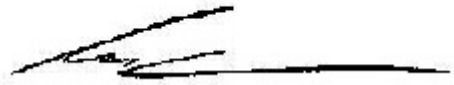
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206249

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355724		3.95	0.102	1.16	8.44	22.4	1560	1.68	1.53	1.30	2.02	50.2	18.8	21	10.95	1030
M355725		5.60	0.133	1.26	8.17	17.3	1280	1.49	0.85	0.81	1.70	52.7	7.6	20	17.45	1015
M355726		4.93	0.080	0.91	8.64	33.5	1320	1.96	0.72	0.68	2.01	48.5	17.5	20	27.5	1120
M355727		3.69	0.117	1.65	8.50	46.3	1350	1.86	1.23	0.43	1.29	44.4	10.2	21	25.0	977
M355728		3.93	0.092	1.51	8.84	20.9	1710	1.60	1.02	0.52	1.22	33.8	4.8	21	17.90	649
M355729		5.45	0.201	2.64	8.91	69.1	2300	1.38	4.99	0.44	1.47	35.2	5.8	20	20.8	596
M355730		4.66	0.099	1.40	8.95	43.7	2210	1.54	1.19	0.66	1.24	29.1	5.3	22	17.15	615
M355731		5.06	0.075	1.01	9.06	17.5	1340	1.54	0.82	0.39	1.65	33.2	6.6	21	20.2	606
M355732		4.80	0.208	2.47	8.29	112.0	1350	1.54	1.80	0.12	2.02	19.70	4.3	26	27.0	832
M355733		5.22	0.093	1.38	9.43	34.8	1440	2.02	1.14	0.42	3.70	37.2	26.9	22	21.3	984
M355734		5.04	0.074	1.14	8.65	17.2	3110	1.70	0.50	1.42	1.87	34.2	21.1	21	13.50	581
M355735		4.12	0.087	1.02	8.70	23.0	3090	1.76	0.79	1.03	2.75	40.2	27.6	20	16.25	735
M355736		5.35	0.080	2.58	8.40	49.4	990	1.65	2.89	0.38	4.36	46.3	25.8	20	41.9	865
M355737		5.97	0.143	2.70	7.99	140.0	790	1.55	1.42	0.23	11.35	53.2	12.8	17	44.9	555
M355738		5.33	0.067	2.10	8.28	167.0	690	1.85	1.08	0.15	9.09	49.9	8.2	12	30.8	807
M355739		5.15	0.339	5.87	7.84	265	850	1.84	7.11	0.11	12.45	53.6	6.7	16	25.2	914
M355740		5.13	0.064	0.84	8.18	73.1	1420	1.65	0.62	0.20	3.07	55.3	10.8	17	15.60	596
M355741		6.32	0.065	1.40	8.60	47.4	4280	1.85	1.44	0.48	4.06	51.8	18.3	19	31.5	1020
M355742		4.54	0.053	0.93	8.73	22.2	3190	1.69	0.54	1.04	4.34	59.0	34.3	19	21.0	828
M355743		4.87	0.040	0.60	9.00	15.6	2290	1.55	0.32	0.99	2.31	36.6	15.7	21	17.10	627
M355744		6.95	0.053	0.61	8.64	15.0	1610	1.38	0.38	1.26	1.98	38.6	21.5	24	15.50	590
M355745		4.99	0.062	0.82	9.20	26.1	990	1.58	0.46	0.27	5.43	46.9	35.4	21	24.6	1030
M355746		4.47	0.057	0.75	9.61	37.0	750	1.60	0.41	0.20	7.21	46.2	31.8	21	22.7	976
M355747		0.27	0.265	98.3	5.53	198.5	600	0.69	4.39	1.38	24.8	19.75	12.8	60	0.97	6080
M355748		5.11	0.103	2.12	8.39	277	810	1.37	0.93	0.15	7.82	53.7	16.7	19	28.7	783
M355749		4.16	0.118	0.87	8.90	25.6	2170	1.65	0.52	1.09	5.49	64.9	42.2	22	18.80	912
M355750		5.51	0.130	1.19	9.22	54.8	890	1.63	0.68	0.52	4.70	60.8	27.3	22	33.4	1130
M355751		4.53	0.190	1.56	8.84	37.6	1520	1.51	0.47	0.61	3.34	55.5	19.6	22	29.8	1010
M355752		4.50	0.102	1.31	9.05	72.9	800	1.54	0.83	0.23	5.79	57.5	23.9	22	28.5	1150
M355753		2.48	<0.005	0.03	0.12	<5	20	0.06	0.20	20.8	0.08	1.35	1.5	<1	0.72	6.8
M355754		4.22	0.082	0.86	8.35	17.3	1570	1.34	0.44	1.60	1.90	48.3	19.5	22	11.20	699
M355755		4.04	0.058	0.88	8.51	23.1	1490	1.48	0.89	1.99	1.62	45.3	16.4	22	10.40	753
M355756		5.37	0.164	1.15	8.16	44.8	1700	1.40	1.21	1.57	1.79	54.3	16.7	21	9.44	836
M355757		5.84	0.058	0.84	8.22	12.3	1290	1.42	0.55	1.66	1.81	55.9	22.9	21	11.10	723
M355758		4.87	0.084	1.17	7.85	11.1	1040	1.41	1.02	1.69	1.33	51.2	14.0	23	11.90	588
M355759		5.61	0.082	1.02	8.73	17.7	1410	1.89	0.85	1.12	3.14	64.4	32.5	22	15.70	997

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355724		5.01	20.0	0.17	1.2	0.085	2.56	23.3	27.2	1.29	1420	58.9	1.41	6.4	6.7	880
M355725		6.83	21.1	0.21	1.1	0.125	1.95	34.7	31.9	1.41	341	166.0	0.73	5.7	5.6	930
M355726		5.42	21.5	0.19	1.3	0.081	2.24	20.9	26.9	0.72	879	67.6	0.85	7.1	6.1	1000
M355727		5.63	21.8	0.19	1.0	0.156	2.94	22.7	25.1	0.78	582	127.5	0.51	6.5	4.5	970
M355728		5.91	21.9	0.17	0.8	0.182	2.49	21.2	36.2	1.57	457	78.5	0.28	5.8	3.3	990
M355729		5.79	23.7	0.19	0.9	0.218	3.23	23.2	30.4	1.46	449	43.6	0.33	6.2	3.3	740
M355730		5.58	23.3	0.18	1.0	0.126	2.98	16.3	27.3	1.34	247	59.6	0.85	6.7	3.6	1020
M355731		5.23	22.5	0.17	1.0	0.107	2.28	19.8	43.5	1.30	235	53.4	0.07	7.9	4.1	840
M355732		5.47	22.3	0.17	0.9	0.180	3.73	9.1	8.2	0.43	276	47.4	0.06	6.0	2.7	940
M355733		4.68	24.1	0.15	1.1	0.191	2.65	20.1	32.3	0.97	1640	43.6	0.14	7.8	4.5	890
M355734		4.45	22.4	0.16	1.0	0.079	2.00	19.6	28.1	1.60	719	27.2	1.48	7.9	5.3	1040
M355735		4.65	22.2	0.17	0.9	0.098	2.23	24.9	30.8	1.47	981	36.0	1.25	7.6	5.0	980
M355736		5.53	22.4	0.19	1.1	0.185	2.70	27.6	20.8	0.65	766	54.0	0.33	5.8	4.5	810
M355737		5.02	21.0	0.17	1.2	0.237	3.08	32.2	16.5	0.41	1490	43.3	0.11	6.0	7.1	790
M355738		5.34	19.80	0.18	0.9	0.166	3.24	28.7	13.2	0.35	881	50.1	0.06	6.3	5.5	820
M355739		5.28	20.5	0.18	0.8	0.333	3.28	28.5	10.4	0.38	2350	79.2	0.07	5.5	7.5	630
M355740		3.18	18.05	0.15	0.7	0.077	2.55	31.3	19.9	0.27	421	24.8	0.73	7.1	3.7	600
M355741		5.58	22.3	0.17	1.3	0.120	2.83	29.4	18.2	0.59	997	44.6	0.56	7.0	4.9	890
M355742		4.35	22.9	0.14	1.4	0.078	2.27	17.4	18.5	0.90	1800	25.2	1.24	7.9	8.9	1000
M355743		4.72	22.9	0.14	1.6	0.070	2.07	17.7	22.7	1.02	540	28.6	0.97	8.4	5.4	940
M355744		4.91	22.3	0.14	1.4	0.053	2.13	16.5	23.7	1.46	684	28.8	1.39	7.2	5.2	970
M355745		5.13	23.0	0.15	1.3	0.057	2.42	16.6	24.5	0.55	1470	48.5	0.36	6.7	6.2	970
M355746		5.20	23.8	0.15	1.4	0.050	2.20	18.8	30.9	0.29	1560	52.0	0.06	7.1	7.0	1040
M355747		5.60	13.25	0.13	1.6	0.439	1.10	9.1	13.2	1.09	1700	25.3	1.59	3.4	29.1	450
M355748		4.46	20.3	0.15	1.3	0.068	3.19	26.7	12.1	0.28	1450	60.6	0.11	5.9	6.1	780
M355749		5.30	22.2	0.15	1.3	0.056	1.78	24.5	36.1	1.43	2380	39.2	1.39	6.4	7.8	1180
M355750		5.42	22.9	0.17	1.1	0.066	2.87	27.2	20.0	0.57	1040	29.2	0.48	6.2	5.8	1100
M355751		4.78	19.50	0.15	1.1	0.062	2.34	25.2	25.0	0.71	829	37.6	1.01	6.4	5.1	1120
M355752		5.06	20.9	0.15	1.1	0.045	2.99	28.4	17.4	0.38	1440	49.8	0.17	5.6	6.6	980
M355753		0.49	0.44	<0.05	<0.1	<0.005	0.06	0.6	2.3	12.50	224	0.32	0.01	0.3	2.3	180
M355754		4.63	20.6	0.12	1.1	0.050	2.33	22.7	21.8	1.66	973	43.8	1.42	5.8	4.9	970
M355755		5.27	22.8	0.15	1.2	0.076	1.90	22.8	19.1	1.87	836	28.5	1.72	6.3	5.0	1090
M355756		5.77	21.2	0.16	1.0	0.082	2.27	27.2	18.9	1.73	945	43.2	1.48	5.9	4.6	1020
M355757		4.78	21.9	0.13	1.1	0.074	1.91	28.5	20.8	1.90	1120	37.8	1.47	5.6	5.2	980
M355758		4.93	20.5	0.21	1.1	0.090	1.89	25.2	17.6	1.85	582	34.4	1.45	5.5	4.0	940
M355759		5.62	21.7	0.14	1.4	0.191	2.38	29.2	23.4	1.70	1980	48.0	1.18	6.3	6.1	960

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206249

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355724		21.1	115.0	0.007	0.11	2.13	17.7	2	4.2	322	0.44	0.31	9.0	0.396	1.49	3.6
M355725		22.0	98.4	0.002	0.21	2.20	19.8	3	3.0	235	0.37	0.17	8.2	0.389	1.34	3.8
M355726		19.3	111.0	0.005	0.08	2.78	19.2	3	3.0	208	0.46	0.16	8.3	0.440	1.64	4.6
M355727		53.0	153.0	0.020	0.11	6.92	18.6	3	6.4	138.0	0.42	0.22	8.8	0.409	2.27	4.5
M355728		35.3	107.5	0.003	0.13	6.14	20.1	3	5.0	131.0	0.39	0.14	7.8	0.417	1.89	3.3
M355729		55.6	143.5	0.002	0.41	6.70	20.8	3	10.0	189.0	0.39	0.28	6.8	0.422	2.15	3.1
M355730		39.7	139.0	0.011	0.20	5.03	19.5	3	6.9	223	0.43	0.18	7.3	0.441	2.14	3.0
M355731		24.3	93.0	0.005	0.12	6.29	20.5	3	5.2	105.0	0.48	0.12	7.2	0.480	1.58	3.8
M355732		40.5	191.0	0.003	0.14	18.60	17.4	3	8.4	49.9	0.38	0.39	5.9	0.399	3.34	3.3
M355733		44.4	123.5	0.002	0.09	13.00	21.1	3	8.2	119.5	0.50	0.33	7.9	0.490	2.01	4.7
M355734		21.6	85.8	0.003	0.13	5.37	19.8	2	3.7	388	0.49	0.07	7.3	0.477	1.30	3.2
M355735		27.9	104.5	0.004	0.13	4.63	20.3	3	5.1	336	0.46	0.10	7.2	0.460	1.50	4.7
M355736		126.5	139.0	0.003	0.62	7.23	19.7	3	5.9	157.0	0.38	0.22	7.3	0.409	2.02	5.3
M355737		186.5	175.0	0.002	0.63	13.10	15.6	2	5.8	128.5	0.40	0.15	8.2	0.330	2.67	5.3
M355738		188.5	173.5	0.002	0.35	15.90	14.4	2	5.0	67.2	0.46	0.17	13.4	0.288	2.85	5.2
M355739		715	194.0	0.006	0.22	32.0	15.2	3	10.2	76.6	0.37	0.31	8.6	0.287	3.08	5.4
M355740		22.4	132.5	0.002	0.06	17.10	12.3	2	3.5	125.5	0.60	0.12	16.6	0.218	1.78	2.9
M355741		51.4	134.0	0.002	0.56	5.60	19.5	2	6.3	271	0.45	0.22	8.3	0.421	2.00	4.6
M355742		24.2	99.6	<0.002	0.09	3.74	20.5	2	2.8	336	0.51	0.09	7.3	0.467	1.43	2.7
M355743		16.7	93.0	0.002	0.09	4.06	20.6	2	2.4	294	0.53	0.05	7.6	0.504	1.24	2.9
M355744		24.0	97.9	0.002	0.07	2.93	20.0	2	2.5	346	0.47	0.07	7.0	0.456	1.34	2.4
M355745		21.3	129.5	0.002	0.03	8.34	21.2	2	2.7	89.6	0.45	0.08	7.5	0.462	2.00	3.8
M355746		23.9	119.0	0.002	0.04	10.25	22.9	2	2.6	56.4	0.48	0.08	7.9	0.479	2.14	4.1
M355747		>10000	31.0	0.011	2.23	438	12.5	3	2.0	190.5	0.22	1.11	2.0	0.238	0.49	1.3
M355748		56.5	172.5	0.002	0.24	50.1	18.5	2	3.8	65.3	0.40	0.31	6.9	0.409	4.01	2.8
M355749		17.3	95.0	0.003	0.12	4.42	21.4	2	2.9	327	0.42	0.13	6.6	0.449	1.64	3.0
M355750		14.3	157.0	0.002	0.05	5.75	21.4	3	3.4	126.5	0.41	0.20	6.9	0.459	2.70	3.0
M355751		13.7	131.5	0.002	0.05	5.72	19.8	2	2.7	212	0.42	0.09	6.8	0.446	2.09	2.7
M355752		19.9	169.5	0.003	0.02	7.81	20.3	2	2.5	62.5	0.38	0.10	6.7	0.441	2.80	3.4
M355753		1.8	4.4	<0.002	<0.01	<0.05	0.6	1	<0.2	45.5	<0.05	<0.05	<0.2	0.006	0.03	0.7
M355754		14.8	99.3	0.005	0.20	2.97	19.8	2	2.9	373	0.39	0.07	6.1	0.436	1.44	2.8
M355755		22.3	74.3	0.002	0.29	3.85	19.7	3	4.8	437	0.42	0.12	6.0	0.449	1.26	3.2
M355756		32.2	95.3	0.004	0.25	3.79	19.3	3	5.0	365	0.40	0.17	6.2	0.420	1.35	3.8
M355757		14.8	80.7	0.002	0.23	1.43	19.7	2	4.4	361	0.38	0.07	6.1	0.427	1.24	3.7
M355758		22.7	82.6	0.005	0.32	1.53	19.5	3	4.9	376	0.34	0.35	7.1	0.409	1.41	4.4
M355759		36.9	112.0	0.002	0.14	2.87	19.7	3	5.5	253	0.41	0.15	6.8	0.446	1.70	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206249

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M355724		138	5.7	19.3	163	44.9	1	
M355725		146	3.3	15.7	196	44.1	1	
M355726		149	3.8	21.5	233	46.6	1	
M355727		152	8.2	19.6	253	37.0	1	
M355728		158	7.9	17.5	202	30.7	2	
M355729		158	13.0	16.3	233	36.3	3	
M355730		164	8.4	15.5	187	38.9	2	
M355731		172	9.2	18.6	192	37.9	1	
M355732		155	10.1	10.9	169	37.8	3	
M355733		167	8.1	21.0	209	43.5	1	
M355734		169	4.0	21.6	162	38.1	1	
M355735		162	5.6	24.4	195	37.6	1	
M355736		155	15.8	18.6	333	43.1	3	
M355737		117	10.0	17.7	440	46.2	3	
M355738		124	8.6	21.1	516	29.3	2	
M355739		147	13.2	18.9	534	29.8	6	
M355740		70	7.4	18.9	165	19.6	1	
M355741		158	15.9	23.1	266	50.0	2	
M355742		161	3.4	21.6	227	49.3	1	
M355743		167	2.8	19.0	232	55.0	1	
M355744		165	3.1	18.6	177	49.3	1	
M355745		165	4.7	22.5	371	47.5	2	
M355746		170	9.6	23.0	449	56.3	1	
M355747		78	0.6	14.6	4890	58.0	97	0.990
M355748		150	13.3	20.9	243	50.7	3	
M355749		167	5.5	26.1	228	47.5	1	
M355750		171	7.5	22.6	236	39.9	1	
M355751		162	9.5	23.4	199	38.4	2	
M355752		161	8.0	24.8	310	42.3	1	
M355753		4	0.1	0.9	16	0.6	<1	
M355754		158	3.7	22.0	139	42.2	1	
M355755		166	7.5	23.4	129	43.9	1	
M355756		158	6.1	22.9	141	38.9	1	
M355757		161	4.2	23.1	128	40.4	1	
M355758		161	4.8	19.3	119	40.9	1	
M355759		160	6.7	21.3	253	51.8	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39

CERTIFICATE OF ANALYSIS WH12206249

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206260

Project: Klaza TR-12-39 Batch 15

P.O. No.: Batch 15

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

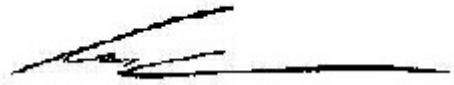
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

CERTIFICATE OF ANALYSIS WH12206260

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355760		5.72	0.094	0.77	8.09	22.9	1650	1.77	0.82	0.92	1.92	48.1	20.2	24	14.25	749
M355761		3.68	0.055	0.69	7.18	38.6	1860	1.66	0.67	0.26	2.23	67.5	18.4	10	11.75	547
M355762		3.75	0.062	1.09	6.93	89.6	1600	1.51	5.12	0.08	1.29	45.1	5.8	12	16.75	451
M355763		4.05	0.060	0.96	7.15	57.4	1870	1.67	1.83	0.34	1.47	50.1	8.0	11	12.80	449
M355764		4.53	0.076	0.70	7.31	51.1	1730	1.62	0.86	0.24	1.59	61.2	10.5	11	11.20	550
M355765		2.05	0.132	1.25	7.49	62.9	2360	1.49	0.88	0.16	1.48	68.7	9.0	12	15.60	588
M355766		3.42	0.114	0.97	7.58	52.6	1300	1.56	0.85	0.16	1.89	63.0	10.3	12	18.50	766
M355767		3.37	0.159	1.09	7.45	29.6	2240	1.63	1.21	0.33	1.20	63.8	14.8	14	8.02	500
M355768		6.84	0.116	0.81	7.18	36.3	1500	1.84	0.95	0.63	1.31	54.8	18.8	13	7.61	522
M355769		5.62	0.168	0.84	7.27	30.6	1580	1.75	0.90	0.73	0.91	51.8	18.9	14	6.64	424
M355770		5.70	0.134	0.93	7.50	43.2	1560	1.60	1.07	0.69	1.21	50.2	16.6	16	8.12	359
M355771		5.24	0.093	0.79	7.43	36.6	1670	1.58	1.04	0.69	1.14	48.8	29.0	26	8.44	434
M355772		4.42	0.060	0.60	7.49	28.6	1680	1.70	0.86	0.82	0.89	50.7	21.6	18	7.41	407
M355773		6.31	0.083	0.71	7.55	28.6	1650	1.57	1.03	0.99	1.11	54.4	21.6	23	8.06	388
M355774		7.04	0.071	0.62	7.38	24.7	1610	1.40	1.07	1.05	0.68	50.1	15.3	20	6.66	315
M355775		6.82	0.070	0.62	7.29	21.0	1380	1.42	0.80	0.75	0.67	41.5	16.0	22	8.86	418
M355776		6.46	0.067	0.39	7.87	12.8	1760	1.59	0.50	0.37	0.80	39.1	19.1	12	7.16	536
M355777		5.01	0.094	0.59	7.62	18.4	2270	1.65	0.56	0.59	0.86	35.3	16.5	13	6.60	548
M355778		4.88	0.197	0.99	7.93	40.9	1520	1.33	0.53	0.15	1.00	53.0	8.0	13	13.45	461
M355779		4.41	0.167	1.15	8.07	107.0	810	2.14	0.63	0.17	2.23	44.8	18.0	26	24.0	1125
M355780		6.88	0.132	1.47	8.09	100.0	1280	1.75	1.41	0.66	1.75	48.3	14.5	152	25.0	645
M355781		3.11	0.399	1.27	7.30	48.0	1510	1.60	1.96	0.46	1.55	45.6	7.0	132	18.15	757
M355782		4.43	0.071	0.81	7.36	28.4	1590	1.66	1.05	0.42	1.38	44.9	7.5	66	12.25	540
M355783		7.32	0.071	1.02	7.35	69.1	1180	1.70	1.57	0.13	1.22	55.4	6.7	62	29.8	543
M355784		9.21	0.088	1.39	8.00	94.4	940	1.68	1.79	0.13	1.49	53.6	18.2	74	30.3	579
M355785		0.26	1.400	31.2	7.40	495	1210	1.86	1.25	0.29	30.3	72.1	5.6	17	3.22	128.5
M355786		7.25	0.231	2.67	7.59	326	770	1.23	2.92	0.21	1.65	56.4	8.1	17	32.4	453
M355787		5.35	0.211	1.54	7.79	203	1400	1.38	1.66	0.24	1.18	61.2	6.2	16	35.6	376
M355788		5.46	0.067	1.04	7.77	43.4	2290	1.53	1.23	1.15	1.42	40.5	19.0	19	15.30	442
M355789		6.37	0.081	1.35	7.94	82.0	1900	1.53	0.99	0.65	1.91	48.2	22.0	27	23.5	595
M355790		5.34	0.082	2.11	6.94	134.5	760	1.35	1.36	0.23	1.42	44.4	8.6	24	32.6	512
M355791		6.30	0.092	1.29	7.09	89.0	2020	1.37	1.41	0.72	1.65	41.3	16.9	20	13.65	523
M355792		4.98	0.229	3.58	7.29	262	1000	1.25	4.58	0.19	1.08	56.4	5.6	18	10.50	238
M355793		7.55	8.41	26.1	9.10	528	770	1.35	53.4	0.11	0.21	35.8	0.6	23	32.1	67.9
M355794		3.13	0.026	0.36	0.10	<5	90	0.05	0.28	20.5	0.07	1.50	0.6	<1	0.27	5.5
M355795		4.46	0.730	7.08	7.87	428	780	1.36	14.20	0.17	0.92	70.8	1.2	19	23.4	221

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

CERTIFICATE OF ANALYSIS WH12206260

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355760		5.32	19.75	0.14	1.2	0.061	2.52	22.4	23.5	1.35	791	33.3	1.47	6.1	6.1	960
M355761		2.63	16.10	0.15	1.1	0.052	3.39	34.0	11.1	0.17	908	23.0	1.58	5.6	4.7	490
M355762		3.68	17.25	0.15	0.9	0.122	3.77	25.6	13.0	0.29	187	24.4	0.43	4.4	2.8	470
M355763		3.51	17.50	0.18	0.9	0.141	3.66	27.9	10.3	0.29	326	33.2	1.09	5.0	4.0	550
M355764		3.48	16.65	0.14	1.0	0.087	3.42	31.7	14.5	0.27	534	32.4	0.96	5.2	4.3	520
M355765		3.62	16.50	0.18	1.0	0.104	3.77	38.2	11.6	0.26	284	26.4	0.67	4.6	3.9	560
M355766		4.48	16.00	0.16	1.0	0.072	3.45	33.3	10.7	0.25	300	36.8	0.47	4.9	4.9	560
M355767		3.64	17.55	0.15	1.0	0.077	3.94	31.7	12.9	0.32	547	49.9	1.24	4.7	4.4	650
M355768		4.47	17.35	0.15	1.0	0.190	2.93	28.5	20.6	0.65	688	41.5	1.41	5.4	5.3	630
M355769		4.06	16.80	0.15	0.9	0.127	2.85	25.0	15.6	0.69	674	45.9	1.64	5.1	5.6	660
M355770		3.50	17.60	0.14	1.0	0.111	2.85	24.6	14.0	0.56	697	30.2	1.63	5.4	5.9	650
M355771		3.87	15.95	0.14	1.1	0.096	2.82	23.6	13.6	0.67	963	33.0	1.68	5.3	7.5	660
M355772		3.97	16.60	0.17	1.0	0.067	2.83	25.8	13.7	0.60	713	31.2	1.77	5.8	5.7	640
M355773		4.01	17.10	0.16	1.0	0.070	2.73	25.7	15.0	0.93	735	32.6	1.78	6.1	6.8	730
M355774		3.59	15.85	0.14	1.0	0.063	2.60	23.3	13.2	0.92	572	28.3	1.79	5.7	5.5	680
M355775		3.60	16.95	0.13	0.9	0.063	2.57	21.1	14.4	0.75	399	28.8	1.55	5.6	5.5	580
M355776		4.23	17.45	0.13	1.0	0.055	3.01	19.4	17.8	0.52	327	25.4	1.01	6.1	4.3	520
M355777		4.23	16.75	0.13	0.9	0.073	3.18	17.6	16.5	0.60	335	36.6	1.37	5.4	5.0	570
M355778		3.91	18.15	0.15	1.0	0.100	3.40	28.1	18.8	0.28	181	48.3	0.32	5.3	4.8	520
M355779		5.80	16.90	0.15	0.8	0.097	3.01	21.5	18.2	0.31	547	53.9	0.22	4.0	10.7	730
M355780		5.92	18.55	0.15	1.2	0.168	2.93	23.4	13.3	1.05	656	30.6	0.83	4.9	30.0	760
M355781		7.29	17.70	0.17	1.9	0.143	3.16	24.8	16.0	1.01	214	8.36	0.62	5.8	22.1	790
M355782		5.08	16.65	0.16	1.9	0.134	3.21	24.8	20.1	0.80	253	5.43	1.00	6.7	14.4	650
M355783		5.47	17.60	0.17	2.0	0.227	3.58	31.9	20.8	0.31	188	10.10	0.09	5.3	10.0	660
M355784		5.09	18.10	0.15	2.1	0.157	3.22	31.2	18.5	0.29	359	11.05	0.13	6.3	15.5	750
M355785		5.33	21.1	0.22	2.5	0.222	3.49	35.2	22.1	0.28	982	5.43	0.07	11.5	7.1	1690
M355786		6.65	19.30	0.17	0.7	0.521	3.32	30.4	9.1	0.41	261	48.7	0.06	4.4	5.2	700
M355787		5.88	20.2	0.16	0.8	0.327	3.07	34.0	13.7	0.44	178	21.6	0.12	6.0	4.0	850
M355788		5.09	19.65	0.13	0.8	0.119	2.45	18.4	16.8	0.94	489	35.3	1.33	5.9	5.1	980
M355789		6.39	19.75	0.16	0.9	0.122	2.21	23.2	17.0	0.71	582	45.1	0.76	6.1	5.7	930
M355790		5.55	17.45	0.17	0.9	0.140	2.69	23.2	11.2	0.37	264	48.6	0.16	5.2	4.3	650
M355791		5.81	17.45	0.17	0.8	0.134	2.46	20.0	13.3	0.59	445	50.3	1.07	6.0	6.0	830
M355792		4.87	21.3	0.16	0.8	0.436	3.54	32.8	7.5	0.45	160	28.9	0.22	4.5	2.1	510
M355793		4.79	42.4	0.15	1.2	0.971	5.22	18.3	7.5	0.53	65	43.6	0.09	4.6	1.0	440
M355794		0.49	0.39	0.11	<0.1	0.014	0.04	0.7	0.9	12.65	195	0.51	0.01	0.4	1.7	160
M355795		6.05	21.7	0.17	0.8	1.270	3.74	37.2	8.2	0.46	80	62.4	0.09	3.9	1.6	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

CERTIFICATE OF ANALYSIS WH12206260

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355760		26.4	112.0	0.004	0.07	3.15	19.0	3	3.4	260	0.38	0.08	8.5	0.408	1.40	4.9
M355761		22.9	127.5	0.003	0.04	3.04	6.9	1	2.2	230	0.54	0.08	17.8	0.183	1.52	3.5
M355762		57.8	138.0	0.003	0.49	7.58	7.7	1	5.2	112.5	0.36	0.28	12.1	0.175	2.14	3.3
M355763		49.2	151.5	0.006	0.27	6.49	7.3	1	5.6	208	0.47	0.32	15.1	0.183	1.91	2.7
M355764		46.1	155.5	0.005	0.06	7.60	6.9	1	4.0	178.0	0.45	0.07	15.7	0.181	1.71	3.4
M355765		37.1	134.0	0.004	0.08	4.12	7.2	1	4.4	148.0	0.40	0.12	15.9	0.172	1.91	3.7
M355766		38.0	150.0	0.005	0.04	3.44	7.2	1	3.2	81.5	0.46	0.13	15.3	0.188	1.93	4.9
M355767		32.4	141.0	0.009	0.11	3.08	7.9	1	4.5	212	0.41	0.25	15.5	0.179	1.62	3.2
M355768		52.0	113.5	0.006	0.09	3.79	7.9	1	4.8	239	0.44	0.08	15.7	0.199	1.54	4.0
M355769		44.6	127.5	0.009	0.08	4.37	7.8	1	3.4	274	0.40	0.13	14.6	0.202	1.35	3.5
M355770		56.4	112.0	0.006	0.09	5.25	8.3	1	3.9	258	0.44	0.12	13.5	0.220	1.51	3.0
M355771		48.1	126.0	0.004	0.11	5.79	8.0	1	2.8	265	0.46	0.13	14.5	0.227	1.46	3.5
M355772		31.5	119.5	0.002	0.09	4.26	8.2	1	2.6	299	0.48	0.07	15.5	0.229	1.20	3.8
M355773		34.7	122.5	0.005	0.08	5.12	10.6	1	3.1	329	0.47	0.10	13.3	0.269	1.34	3.3
M355774		29.0	98.3	0.006	0.08	4.24	9.9	1	2.7	332	0.46	0.06	12.5	0.273	1.28	3.1
M355775		26.0	93.8	0.004	0.06	6.24	9.8	1	2.5	270	0.46	0.09	13.3	0.246	1.36	3.4
M355776		20.3	97.0	0.002	0.03	3.14	8.6	1	1.6	205	0.48	0.05	15.1	0.219	1.17	4.3
M355777		20.4	119.0	0.008	0.07	4.02	8.5	1	1.8	281	0.45	<0.05	15.0	0.213	1.22	4.2
M355778		21.2	128.5	0.008	0.07	23.5	9.1	1	2.4	136.5	0.43	<0.05	15.8	0.205	1.67	4.5
M355779		34.7	125.0	0.005	0.04	58.3	10.7	2	2.1	66.1	0.31	0.09	11.7	0.204	2.13	7.4
M355780		34.9	172.5	0.003	0.35	16.55	15.4	1	4.9	233	0.37	0.16	9.3	0.293	2.26	4.9
M355781		44.4	168.0	0.002	0.24	5.93	13.8	1	6.4	186.5	0.48	0.34	11.0	0.251	2.24	5.2
M355782		47.7	118.0	<0.002	0.12	5.91	10.5	1	5.3	223	0.59	0.08	12.3	0.241	2.04	5.1
M355783		78.7	153.5	0.002	0.39	17.35	11.7	1	7.3	70.0	0.52	0.13	13.3	0.193	2.61	5.8
M355784		60.8	153.0	0.002	0.27	28.0	11.6	1	6.3	67.6	0.56	0.18	13.4	0.229	2.56	6.0
M355785		3800	191.0	0.004	0.60	65.5	15.2	3	21.2	367	0.77	0.28	8.5	0.438	1.93	3.9
M355786		110.5	221	0.005	1.05	58.8	14.7	2	10.0	87.3	0.28	0.39	8.1	0.307	3.36	4.0
M355787		68.7	172.5	0.005	0.95	26.1	16.8	1	7.4	151.0	0.41	0.15	9.6	0.385	3.14	3.9
M355788		55.8	134.5	0.004	0.15	5.90	15.5	1	5.4	335	0.37	0.16	7.5	0.379	1.81	2.8
M355789		40.7	128.0	0.004	0.29	14.90	15.3	1	3.8	234	0.41	0.06	9.0	0.385	1.92	3.6
M355790		70.2	135.5	0.005	0.52	32.1	12.1	1	4.7	99.8	0.36	0.14	8.3	0.302	2.55	3.1
M355791		48.0	114.0	0.011	0.26	13.55	12.2	1	4.2	258	0.45	0.08	9.7	0.333	1.85	3.6
M355792		155.0	238	0.007	0.56	27.4	12.4	1	17.8	115.0	0.36	0.19	8.9	0.279	2.98	2.4
M355793		1000	297	0.009	1.17	37.4	16.6	4	95.9	141.0	0.34	0.72	7.8	0.302	4.49	1.8
M355794		6.8	2.9	<0.002	0.01	0.31	0.3	<1	0.6	49.0	<0.05	<0.05	<0.2	0.005	0.07	0.6
M355795		275	228	0.005	0.77	27.7	12.7	2	15.7	106.5	0.29	0.21	10.8	0.271	3.31	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

CERTIFICATE OF ANALYSIS WH12206260

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M355760		148	6.2	20.3	196	40.1	1
M355761		53	2.9	12.9	139	27.8	1
M355762		60	9.1	7.3	116	25.7	1
M355763		61	7.8	10.3	131	25.3	1
M355764		52	5.4	12.2	155	22.8	<1
M355765		56	9.2	13.2	141	23.6	1
M355766		59	9.0	15.7	192	21.3	1
M355767		65	6.4	13.0	118	25.5	1
M355768		59	4.6	14.3	175	24.9	1
M355769		60	3.7	13.0	134	23.4	1
M355770		66	4.2	12.1	124	25.0	1
M355771		67	4.4	12.2	130	25.6	1
M355772		65	4.2	13.5	126	24.5	1
M355773		82	3.8	15.6	106	25.1	<1
M355774		82	3.7	13.7	85	24.2	<1
M355775		74	3.5	13.7	99	22.2	1
M355776		60	2.7	11.1	152	24.1	<1
M355777		61	2.9	12.4	180	22.7	1
M355778		60	3.1	12.3	231	25.1	1
M355779		71	3.9	18.9	384	19.9	1
M355780		113	5.7	13.3	263	35.1	1
M355781		98	5.6	14.6	336	53.9	1
M355782		79	3.9	13.9	318	53.9	1
M355783		75	7.7	12.4	322	51.1	1
M355784		83	10.6	13.6	243	53.1	1
M355785		133	3.7	20.9	2300	66.1	34
M355786		121	18.6	12.7	226	16.0	2
M355787		126	7.1	15.0	235	17.2	1
M355788		131	8.2	14.4	185	17.5	2
M355789		128	3.5	14.6	288	20.5	1
M355790		103	6.9	11.2	283	23.7	2
M355791		104	6.1	12.6	247	19.8	2
M355792		99	12.5	8.8	127	17.8	3
M355793		147	31.3	5.0	58	24.2	25
M355794		3	0.3	0.9	15	0.5	<1
M355795		111	9.4	7.6	211	19.4	6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

CERTIFICATE OF ANALYSIS WH12206260

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206261

Project: Klaza TR-12-39 Batch 16

P.O. No.: Batch 16

This report is for 19 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

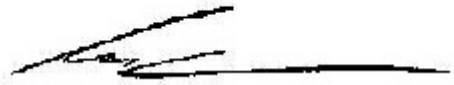
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 16

CERTIFICATE OF ANALYSIS WH12206261

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355796		5.97	0.177	2.22	7.84	281	1940	1.10	3.55	0.30	0.92	54.6	3.5	21	25.2	430
M355797		5.40	0.122	2.00	8.20	137.5	1350	1.28	7.01	1.30	1.05	51.4	10.6	21	15.35	406
M355798		9.23	0.120	2.82	8.33	108.5	1120	1.25	11.30	0.51	1.04	50.5	5.1	22	27.4	371
M355799		7.37	0.118	3.17	8.15	137.0	850	1.21	6.61	0.23	1.16	58.0	3.4	21	30.1	360
M355800		5.41	0.093	1.90	8.40	52.3	1360	1.48	3.45	0.63	2.26	53.1	14.1	23	21.5	616
M355801		3.36	0.117	2.35	8.29	97.4	1540	1.38	7.24	0.65	1.06	59.7	6.8	27	16.30	406
M355802		5.06	0.127	1.70	8.93	104.5	2290	1.42	2.92	0.39	1.27	57.3	6.8	20	20.1	431
M355803		3.12	<0.005	0.03	0.11	<5	40	0.09	0.07	21.8	0.08	1.60	1.0	<1	0.37	5.1
M355804		8.76	0.122	2.04	8.09	118.5	810	1.39	3.09	0.28	0.93	61.4	4.7	16	21.1	386
M355805		5.13	0.102	1.95	8.80	146.5	1140	1.56	3.93	0.40	0.94	61.9	7.2	20	19.05	509
M355806		4.40	0.105	1.43	8.48	152.0	2050	1.52	2.34	0.53	1.56	53.3	8.1	19	18.15	573
M355807		8.53	0.095	1.54	8.24	170.0	780	1.75	1.79	0.18	1.45	54.9	10.2	15	32.7	626
M355808		5.99	0.094	1.76	8.42	64.8	1180	1.34	1.77	0.18	0.93	47.4	6.0	15	28.1	483
M355809		6.35	0.207	2.13	7.99	129.5	1040	1.43	2.51	0.19	0.72	52.0	3.1	15	23.8	374
M355810		7.23	0.121	2.04	8.46	147.0	910	1.53	2.68	0.20	0.97	56.8	6.3	17	27.5	476
M355811		6.38	0.120	2.95	8.02	214	670	1.41	2.17	0.11	0.67	63.2	2.6	7	19.70	330
M355812		9.48	0.088	1.85	7.85	239	550	1.36	2.14	0.11	0.69	63.6	2.5	16	23.6	258
M355813		0.26	1.255	33.1	7.66	541	1240	1.94	1.29	0.29	30.7	74.4	5.0	18	3.50	126.0
M355814		7.17	0.167	4.95	7.19	241	980	1.30	15.20	0.17	0.75	66.2	3.2	10	15.15	275

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 16

CERTIFICATE OF ANALYSIS WH12206261

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355796		7.44	20.0	0.17	0.8	0.759	3.05	28.5	11.7	0.40	134	49.7	0.32	4.9	2.9	660
M355797		5.47	19.20	0.15	0.9	0.355	2.36	26.3	13.7	0.88	263	27.9	1.43	7.1	4.4	910
M355798		5.22	19.25	0.15	0.9	0.223	3.01	27.0	12.7	0.56	134	32.2	0.52	6.0	3.4	730
M355799		5.89	18.60	0.18	0.9	0.377	3.49	30.9	10.1	0.40	123	53.5	0.28	4.6	2.3	790
M355800		4.87	18.90	0.16	0.9	0.135	2.77	26.5	16.1	0.66	429	45.2	1.31	5.9	5.6	880
M355801		5.14	18.30	0.16	1.0	0.212	2.77	31.6	15.6	0.67	208	51.2	1.10	6.6	4.7	920
M355802		5.37	18.85	0.17	0.9	0.229	3.30	30.3	14.1	0.55	225	72.0	0.83	5.3	3.9	910
M355803		0.52	0.39	0.05	<0.1	0.006	0.04	0.8	1.0	13.10	223	0.77	0.01	0.4	2.4	180
M355804		4.69	17.65	0.16	0.8	0.142	2.93	32.7	18.4	0.40	115	89.3	0.28	5.5	3.7	750
M355805		5.38	18.50	0.18	1.0	0.131	3.01	33.1	17.0	0.50	158	67.9	0.47	6.1	4.6	890
M355806		4.77	17.55	0.16	1.0	0.147	2.88	27.9	12.3	0.53	234	70.4	1.03	5.7	4.6	920
M355807		4.22	16.70	0.15	0.8	0.135	3.10	28.8	13.9	0.33	264	33.6	0.17	5.0	3.2	800
M355808		4.47	16.45	0.16	0.8	0.105	3.54	24.9	12.4	0.37	143	60.1	0.23	3.3	3.1	770
M355809		4.75	17.75	0.15	0.7	0.235	3.15	26.7	12.0	0.38	93	58.0	0.15	4.3	3.0	800
M355810		4.96	17.85	0.16	0.8	0.193	2.94	28.6	12.8	0.39	110	59.4	0.21	4.3	3.7	850
M355811		3.04	15.45	0.14	1.2	0.260	3.05	34.5	20.4	0.28	68	46.7	0.09	5.1	2.0	580
M355812		3.29	16.60	0.16	1.2	0.282	3.09	33.8	15.6	0.28	60	38.4	0.05	5.3	1.9	670
M355813		5.36	21.1	0.21	2.5	0.245	3.61	36.6	23.6	0.28	1010	5.87	0.07	12.4	6.8	1730
M355814		3.61	14.75	0.16	1.2	0.454	3.15	37.2	16.0	0.33	107	44.5	0.26	5.1	2.6	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 16

CERTIFICATE OF ANALYSIS WH12206261

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M355796		82.8	184.5	0.004	0.85	21.7	11.6	2	11.2	147.5	0.33	0.12	10.1	0.307	2.69	3.1
M355797		46.3	118.0	0.004	0.41	14.20	13.5	2	2.7	396	0.47	0.08	10.5	0.367	1.62	3.7
M355798		103.5	162.0	0.002	0.67	42.7	13.8	2	4.6	211	0.40	0.08	9.1	0.339	2.27	2.9
M355799		106.5	204	0.003	1.06	11.65	13.7	2	7.9	118.5	0.32	0.15	9.9	0.313	2.88	3.0
M355800		75.2	147.5	0.005	0.27	8.45	13.3	2	3.3	243	0.40	0.11	9.7	0.336	2.11	2.9
M355801		96.3	137.0	0.006	0.40	15.00	13.2	2	3.2	268	0.47	0.12	11.7	0.357	2.01	3.8
M355802		67.6	176.5	0.014	0.46	15.60	11.9	2	4.4	214	0.37	0.12	11.2	0.300	2.65	3.0
M355803		2.8	3.0	<0.002	0.01	0.15	0.3	1	<0.2	52.9	<0.05	<0.05	<0.2	0.005	0.02	0.4
M355804		71.9	153.5	0.010	0.38	39.8	10.6	2	3.2	118.5	0.39	0.11	10.7	0.274	2.11	3.6
M355805		65.8	148.5	0.006	0.23	36.7	12.3	2	3.3	167.0	0.40	0.12	10.9	0.318	1.91	4.9
M355806		106.5	141.5	0.006	0.26	20.8	11.9	2	3.2	279	0.38	0.12	10.9	0.292	1.96	4.5
M355807		99.6	150.5	0.006	0.40	27.8	12.3	2	2.6	100.5	0.35	0.12	11.4	0.262	2.11	6.0
M355808		61.1	159.0	0.012	0.46	26.2	12.8	2	3.8	118.5	0.24	0.16	9.9	0.219	2.31	3.1
M355809		65.6	157.5	0.005	0.67	21.6	12.4	2	6.5	120.0	0.30	0.24	10.2	0.258	2.49	3.9
M355810		52.0	154.0	0.003	0.42	27.1	13.7	2	3.7	115.5	0.31	0.16	9.9	0.251	2.47	4.5
M355811		63.2	149.0	0.003	0.34	37.4	10.5	2	3.4	64.3	0.44	0.13	17.5	0.181	2.49	3.7
M355812		51.5	154.0	0.002	0.45	40.2	11.7	2	3.1	72.1	0.44	0.10	17.1	0.201	2.83	3.7
M355813		3820	178.5	0.003	0.58	65.3	14.4	4	21.0	383	0.79	0.31	7.8	0.443	1.97	3.8
M355814		152.0	163.0	0.002	0.51	57.5	9.6	2	5.8	124.0	0.43	0.23	17.3	0.178	2.41	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 16

CERTIFICATE OF ANALYSIS WH12206261

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M355796		125	4.6	11.0	290	19.4	3
M355797		122	2.9	15.8	229	20.9	2
M355798		122	7.4	11.5	187	22.0	3
M355799		120	7.5	9.7	167	23.2	3
M355800		121	4.3	17.5	225	21.4	2
M355801		117	4.1	14.3	246	24.4	3
M355802		106	3.7	12.4	257	23.5	2
M355803		1	0.1	1.0	18	<0.5	<1
M355804		91	3.5	11.8	218	20.0	3
M355805		108	4.5	15.7	311	27.7	2
M355806		103	4.3	15.9	248	24.8	2
M355807		96	4.4	14.9	196	18.2	2
M355808		106	4.5	11.6	195	17.2	2
M355809		103	7.0	11.2	232	15.6	3
M355810		107	4.8	12.8	317	18.5	1
M355811		73	4.2	11.2	121	33.7	2
M355812		80	4.1	10.2	147	34.6	1
M355813		145	3.8	19.3	2400	66.9	34
M355814		65	5.9	10.8	179	32.8	4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza TR-12-39 Batch 16

CERTIFICATE OF ANALYSIS WH12206261

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206336

Project: Klaza-116

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

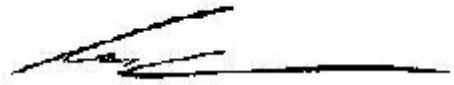
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206336

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358524		9.26	0.045	0.36	7.43	19.6	1070	1.50	1.69	2.76	0.41	46.0	6.4	8	14.50	22.8
M358525		5.46	0.137	0.56	7.61	35.9	980	1.20	1.84	2.02	1.08	47.5	3.8	8	11.60	44.9
M358526		2.43	0.061	0.57	7.26	35.8	290	1.12	2.35	0.76	0.81	43.0	13.3	8	10.90	79.0
M358527		2.35	0.051	0.52	3.59	29.1	130	0.62	2.12	2.05	0.68	20.9	16.6	10	5.77	19.9
M358528		4.09	0.037	0.47	7.10	21.2	320	1.34	3.59	2.05	1.25	44.0	7.8	8	13.35	39.4
M358529		<0.02	0.048	0.46	7.20	23.2	320	1.32	3.56	2.06	1.30	44.8	7.5	8	13.75	38.6
M358530		3.35	0.026	0.41	7.33	14.1	480	1.58	2.34	2.54	0.85	47.1	11.2	7	17.50	11.3
M358531		4.11	0.059	0.62	7.27	32.7	1020	1.43	4.25	2.47	0.95	43.1	18.8	7	14.25	30.8
M358532		0.26	4.58	>100	5.44	7740	650	1.04	64.0	2.05	222	34.4	9.6	16	11.90	1265
M358533		4.17	0.107	1.63	7.47	91.5	370	1.33	4.30	1.77	3.99	42.3	16.1	7	8.11	44.4
M358534		2.68	0.075	0.90	5.82	81.6	530	1.18	3.92	0.45	0.77	34.4	15.9	7	8.76	15.6
M358535		3.25	1.760	11.65	3.99	394	70	0.85	53.2	1.71	3.97	102.0	78.1	5	9.53	193.0
M358536		2.58	<0.005	0.03	0.09	5	30	0.05	0.10	21.6	0.07	1.39	1.5	<1	0.33	2.3
M358537		2.68	0.422	2.89	6.99	104.0	560	1.55	14.80	2.37	4.39	64.4	16.6	7	12.80	111.0
M358538		5.41	0.499	1.24	5.71	97.3	440	1.09	24.7	1.47	1.62	35.4	32.9	12	8.56	193.0
M358539		2.86	0.330	1.39	6.26	57.5	390	1.19	24.3	1.30	1.92	33.5	23.9	8	7.53	247
M358540		5.66	0.763	1.36	6.82	28.0	720	1.32	14.55	2.16	2.78	35.4	8.8	9	8.94	130.0
M358541		2.55	0.210	0.88	7.70	47.1	710	1.51	10.65	2.12	1.64	35.6	6.3	7	7.84	169.5
M358542		0.26	2.20	26.9	6.07	3560	310	1.31	22.2	2.41	82.9	42.8	11.7	18	15.45	452
M358543		3.41	0.357	2.13	6.68	199.5	680	1.29	15.95	1.96	2.28	40.3	9.1	9	8.49	162.5
M358544		3.48	0.130	1.12	6.42	97.8	410	1.11	14.55	2.10	1.44	41.2	23.9	13	7.76	158.5
M358545		3.04	0.107	1.79	6.94	61.6	320	1.28	23.7	1.76	2.56	51.4	16.5	9	7.50	236
M358546		3.01	<0.005	0.02	0.05	<5	20	<0.05	0.10	22.0	0.07	1.06	1.3	<1	0.17	2.5
M358547		4.72	0.033	0.64	7.33	52.8	500	1.31	9.96	1.67	0.79	49.5	20.7	8	7.35	107.0
M358548		2.88	0.066	1.44	6.37	36.6	1180	1.35	14.60	4.39	0.53	45.5	8.6	7	12.70	226
M358549		2.70	0.036	1.35	7.33	38.6	1070	1.67	9.47	3.01	2.12	50.3	8.0	7	12.30	140.5
M358550		3.82	0.074	0.56	7.87	28.7	900	1.47	17.10	1.59	0.85	52.9	5.7	7	11.55	153.0
M358551		2.32	0.078	0.61	8.01	35.3	970	1.50	19.65	1.62	0.53	54.9	6.2	8	10.50	154.0
M358552		4.57	0.274	0.58	7.52	51.9	730	1.50	19.05	1.83	0.75	40.4	4.8	8	12.10	131.5
M358553		2.55	0.245	0.98	6.00	76.0	530	1.12	17.75	1.73	1.40	37.7	7.8	8	8.45	132.0
M358554		2.86	0.126	1.67	7.67	88.7	550	1.49	50.9	1.94	3.39	35.4	12.8	8	10.05	280
M358555		2.34	0.141	0.70	6.87	42.6	710	1.50	20.9	2.03	0.34	37.0	4.8	9	11.75	286
M358556		2.82	0.217	0.63	7.94	22.5	600	1.81	21.5	2.02	0.78	41.9	7.5	9	11.95	100.0
M358557		2.74	0.150	0.50	7.57	20.7	580	1.57	16.35	1.96	0.52	42.8	10.4	8	8.01	114.5
M358558		2.16	0.366	1.04	6.98	56.1	190	1.38	23.7	1.99	1.40	38.0	30.1	8	6.85	143.5
M358559		5.33	0.170	0.58	7.85	40.9	690	1.63	18.10	1.86	0.87	49.1	9.5	8	12.95	172.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358524		2.61	18.15	0.15	1.0	0.377	1.81	21.8	14.9	0.81	401	0.80	2.56	8.3	2.6	580
M358525		2.90	18.05	0.14	1.1	0.303	1.98	22.8	28.4	0.72	575	0.57	0.57	8.4	2.4	590
M358526		2.21	17.25	0.13	1.0	0.304	1.48	20.7	32.1	0.39	325	6.95	0.03	6.9	5.0	550
M358527		2.43	8.74	0.11	0.4	0.193	0.92	9.1	13.1	0.49	276	0.90	0.47	2.9	6.1	230
M358528		2.39	16.05	0.14	1.0	0.343	1.22	21.2	18.3	0.65	309	0.85	1.90	7.2	2.4	520
M358529		2.42	16.20	0.13	1.0	0.346	1.24	21.2	18.5	0.66	309	0.74	1.92	7.4	2.3	520
M358530		2.69	17.75	0.13	1.0	0.404	1.49	22.7	22.6	0.56	341	1.94	1.83	8.1	2.2	570
M358531		3.12	17.60	0.16	0.9	0.338	2.62	18.9	25.3	0.77	440	7.89	0.70	6.9	2.2	560
M358532		7.89	14.35	0.19	1.1	4.69	2.35	16.5	30.0	0.64	3090	15.95	0.09	5.9	14.0	450
M358533		4.36	18.55	0.17	0.9	0.418	3.61	16.1	12.0	0.73	765	15.10	0.06	6.5	2.5	600
M358534		3.40	14.95	0.15	0.7	0.210	2.80	15.5	25.8	0.38	243	21.9	0.05	4.7	2.7	440
M358535		13.05	12.90	0.29	0.5	0.279	1.74	62.1	22.0	0.73	658	23.9	0.04	3.2	9.4	280
M358536		0.50	0.40	0.06	<0.1	0.005	0.05	0.6	1.3	13.40	221	0.17	0.01	0.3	1.8	210
M358537		3.89	19.05	0.17	0.9	0.254	3.00	31.3	17.1	1.01	515	8.64	0.06	7.0	7.2	550
M358538		3.99	16.95	0.15	0.7	0.261	2.14	15.8	31.4	0.64	244	12.60	0.08	4.5	8.6	410
M358539		3.44	16.10	0.14	0.9	0.212	1.59	13.2	15.5	0.72	259	0.86	1.20	5.5	7.0	480
M358540		2.52	19.50	0.14	0.9	0.394	2.00	14.3	13.7	0.70	422	0.33	1.94	6.4	2.9	530
M358541		2.87	20.3	0.13	1.1	0.230	1.85	15.5	15.6	0.91	359	0.56	2.17	7.2	1.5	580
M358542		6.74	16.10	0.18	1.0	1.765	2.77	20.8	24.4	0.97	1950	14.40	0.04	6.4	16.4	450
M358543		3.68	18.90	0.15	0.9	0.283	2.45	17.0	10.6	0.82	390	0.86	0.79	6.5	3.5	480
M358544		4.88	17.45	0.16	0.9	0.213	2.49	16.9	19.4	0.86	367	2.61	0.09	5.6	8.1	430
M358545		6.11	18.65	0.18	1.0	0.168	2.62	22.6	7.2	0.72	326	0.38	0.61	6.5	2.6	540
M358546		0.50	0.29	0.05	<0.1	<0.005	0.02	0.5	0.8	13.55	222	0.07	0.01	0.2	1.1	180
M358547		4.10	18.65	0.14	1.0	0.163	1.71	21.4	14.9	0.63	320	0.45	1.51	6.4	4.3	550
M358548		2.89	16.60	0.12	1.1	0.124	2.06	20.6	16.6	1.21	651	1.91	0.62	7.3	2.8	530
M358549		3.33	18.45	0.14	1.2	0.123	1.90	22.9	46.1	0.93	530	1.26	0.89	7.9	2.7	580
M358550		3.15	19.30	0.13	1.1	0.189	1.68	24.6	24.6	0.59	308	0.98	1.63	8.0	2.4	570
M358551		3.18	19.00	0.10	1.2	0.141	1.69	25.4	25.4	0.56	322	0.34	1.67	8.3	2.4	600
M358552		3.05	20.3	0.12	0.9	0.240	1.63	15.9	19.0	0.76	282	0.91	2.24	7.1	2.7	560
M358553		3.35	17.70	0.12	0.7	0.411	1.90	15.3	14.6	0.69	338	1.05	0.93	5.3	4.7	500
M358554		4.25	21.6	0.14	0.9	0.568	2.21	14.4	15.9	0.97	289	0.40	1.40	6.7	3.2	560
M358555		3.58	19.75	0.12	0.9	0.306	1.59	14.5	17.7	1.09	288	0.56	1.43	7.0	2.5	580
M358556		3.24	21.0	0.12	1.0	0.221	1.61	17.2	20.3	0.89	255	1.20	2.00	7.6	2.3	590
M358557		3.19	19.40	0.13	0.9	0.189	1.81	16.4	15.2	0.73	234	0.48	2.07	7.5	4.0	590
M358558		5.29	20.5	0.16	0.8	0.170	1.90	15.6	32.0	0.65	230	0.48	0.92	6.4	4.8	530
M358559		3.82	20.2	0.14	1.0	0.219	1.78	22.0	20.0	0.71	237	0.87	2.15	7.5	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358524		22.3	86.4	<0.002	0.80	4.43	10.9	1	4.0	339	0.64	0.12	13.3	0.243	1.22	3.2
M358525		27.9	82.5	<0.002	0.59	29.6	11.3	1	3.8	130.0	0.68	0.06	13.2	0.254	1.21	4.1
M358526		24.4	87.2	0.003	1.08	52.1	10.0	2	3.4	50.1	0.57	0.12	14.7	0.205	1.17	3.1
M358527		38.4	53.6	<0.002	1.75	5.85	5.2	2	2.8	119.5	0.24	0.19	6.0	0.097	0.75	2.0
M358528		23.0	67.7	<0.002	0.79	11.60	9.5	2	3.2	247	0.59	0.11	13.4	0.215	0.96	3.1
M358529		22.8	68.7	<0.002	0.78	11.85	9.7	1	3.3	252	0.62	0.12	13.6	0.218	0.99	3.2
M358530		28.8	78.1	<0.002	1.29	6.50	10.7	2	4.7	273	0.64	0.20	12.5	0.234	1.32	3.2
M358531		33.9	138.5	<0.002	1.84	11.90	8.9	2	5.7	181.5	0.55	0.19	12.0	0.210	2.31	3.1
M358532		9310	141.5	<0.002	7.00	217	7.9	3	8.8	127.5	0.45	0.51	8.1	0.185	2.12	4.7
M358533		159.5	230	<0.002	3.15	15.50	11.1	2	6.9	58.3	0.49	0.28	12.2	0.212	3.05	4.6
M358534		43.4	183.5	<0.002	3.02	29.4	8.3	2	6.3	71.5	0.39	0.29	10.9	0.145	2.19	4.3
M358535		220	112.0	0.007	>10.0	37.7	4.5	5	11.5	228	0.27	2.75	7.1	0.091	1.45	3.0
M358536		1.5	2.8	<0.002	0.02	0.16	0.5	2	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M358537		123.0	191.5	0.006	3.17	19.90	10.3	2	8.3	127.0	0.55	0.66	12.7	0.205	2.61	4.2
M358538		35.8	135.0	0.013	3.46	8.62	7.6	2	7.3	77.3	0.37	1.39	10.7	0.139	1.67	2.6
M358539		60.9	92.4	<0.002	2.51	3.94	8.6	2	5.1	172.0	0.46	1.17	12.9	0.170	1.32	4.1
M358540		84.1	94.2	<0.002	1.13	4.82	9.6	1	11.5	278	0.54	1.06	12.6	0.192	1.53	3.5
M358541		62.5	100.0	<0.002	1.08	3.76	10.7	1	6.5	298	0.63	0.48	15.2	0.221	1.45	4.2
M358542		2890	168.0	0.002	4.86	95.5	8.8	2	8.4	96.7	0.50	0.38	10.5	0.188	2.38	5.0
M358543		92.6	152.0	<0.002	2.30	6.61	9.5	1	6.8	145.0	0.48	0.73	13.0	0.178	2.03	3.8
M358544		78.7	153.0	<0.002	4.30	18.30	9.0	2	6.1	87.4	0.47	1.13	12.5	0.157	2.16	3.2
M358545		138.5	132.5	<0.002	5.95	10.20	10.3	4	6.3	132.5	0.55	2.27	13.2	0.194	1.83	3.8
M358546		1.5	1.4	<0.002	0.01	0.10	0.2	2	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358547		25.7	95.9	<0.002	3.20	11.85	9.8	2	3.9	184.0	0.58	0.85	15.1	0.183	1.55	4.9
M358548		22.0	81.0	<0.002	1.36	7.79	9.5	2	3.3	212	0.60	0.97	12.1	0.208	1.68	4.4
M358549		68.1	79.3	<0.002	1.63	5.61	10.6	2	3.7	229	0.66	0.51	13.6	0.226	1.54	4.8
M358550		31.1	79.8	<0.002	1.55	6.15	11.0	2	4.3	222	0.69	0.93	16.0	0.231	1.18	4.0
M358551		33.0	79.0	<0.002	1.60	7.66	10.9	1	4.7	222	0.72	1.08	16.0	0.244	1.13	4.0
M358552		44.9	91.1	<0.002	1.77	5.66	11.3	2	5.6	287	0.56	1.20	13.0	0.222	1.47	3.5
M358553		44.3	109.5	<0.002	2.45	4.90	8.7	2	6.2	164.5	0.44	1.18	11.6	0.174	1.73	3.5
M358554		183.0	118.0	<0.002	3.06	10.20	10.4	5	8.4	185.0	0.54	2.48	13.2	0.215	1.99	4.3
M358555		24.2	87.3	<0.002	1.98	5.36	11.1	2	5.6	231	0.56	1.06	13.7	0.211	1.28	4.5
M358556		50.3	83.7	<0.002	2.09	3.45	11.6	2	6.5	323	0.63	1.27	15.1	0.232	1.25	4.7
M358557		18.8	94.9	<0.002	2.28	2.23	11.3	2	6.8	278	0.60	0.96	14.9	0.215	1.44	3.8
M358558		46.6	93.1	<0.002	4.96	3.07	9.8	2	8.5	211	0.51	2.55	12.7	0.187	1.35	3.5
M358559		42.7	94.8	<0.002	2.49	3.79	11.0	2	7.1	304	0.60	1.21	14.2	0.228	1.41	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206336

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358524		66	1.6	17.5	69	25.4	<1	
M358525		70	2.4	18.6	119	27.1	<1	
M358526		67	2.2	15.8	88	26.2	<1	
M358527		37	1.4	9.3	69	9.7	<1	
M358528		58	1.4	14.7	119	24.4	<1	
M358529		59	1.4	14.8	119	24.7	<1	
M358530		76	1.6	15.5	89	24.6	<1	
M358531		62	1.9	14.8	97	21.4	<1	
M358532		52	4.8	10.2	>10000	32.9	122	1.570
M358533		68	4.1	13.2	327	20.8	2	
M358534		56	3.2	10.4	82	16.1	1	
M358535		39	6.1	8.7	306	12.5	10	
M358536		3	0.1	0.9	14	<0.5	<1	
M358537		59	6.5	15.4	319	23.2	3	
M358538		55	7.9	11.4	121	19.2	1	
M358539		51	6.8	12.1	155	22.4	1	
M358540		50	3.9	13.5	232	23.1	2	
M358541		67	6.9	13.2	133	26.7	1	
M358542		58	5.6	10.8	5590	26.4	27	
M358543		60	6.7	13.6	191	21.2	2	
M358544		46	8.1	12.5	117	21.0	1	
M358545		56	15.2	14.6	195	25.5	2	
M358546		1	0.1	0.9	13	<0.5	<1	
M358547		72	7.1	14.7	70	24.7	<1	
M358548		58	7.9	14.6	55	27.6	1	
M358549		67	7.3	17.2	167	30.1	1	
M358550		66	7.0	16.1	83	28.4	<1	
M358551		66	6.9	17.1	56	30.1	<1	
M358552		61	6.9	14.0	81	21.9	1	
M358553		48	7.2	14.3	142	16.7	1	
M358554		73	8.1	14.5	386	22.8	2	
M358555		74	7.9	17.1	48	21.5	<1	
M358556		72	9.7	16.2	84	23.0	<1	
M358557		50	10.1	14.4	47	20.6	1	
M358558		63	12.4	13.9	109	19.5	1	
M358559		67	8.0	15.3	93	24.1	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206336

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206337

Project: Klaza-116

P.O. No.: Batch 10

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

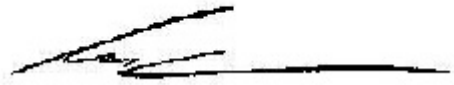
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206337

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358560		2.34	1.215	0.59	7.18	52.2	810	1.49	31.5	1.59	0.30	56.5	9.1	6	10.40	228
M358561		3.53	0.552	0.50	7.04	44.4	970	1.60	30.1	2.00	0.62	43.5	5.7	7	9.23	183.5
M358562		7.61	0.086	0.33	7.33	15.4	1950	1.80	8.79	2.38	0.19	47.1	6.2	9	9.35	55.8
M358563		0.26	4.47	>100	5.55	7690	190	1.08	59.0	1.96	228	32.5	9.3	17	10.60	1260
M358564		3.20	0.023	0.54	7.75	45.6	1320	1.69	5.29	2.19	0.57	60.1	13.5	7	11.30	87.0
M358565		4.42	0.078	3.22	7.26	26.9	1650	1.80	48.4	2.75	0.89	48.6	6.7	8	9.80	125.0
M358566		2.40	0.373	3.94	6.33	104.5	180	1.34	25.0	2.77	0.67	35.2	6.6	7	7.95	161.5
M358567		4.27	<0.005	0.06	0.11	<5	20	0.07	0.25	20.1	0.06	1.25	1.4	<1	0.94	1.6
M358568		3.16	0.046	0.74	6.88	86.8	940	1.36	8.45	2.51	0.43	57.6	12.9	6	9.74	220
M358569		3.64	0.030	1.13	6.83	82.0	880	1.41	7.34	2.06	1.32	47.7	4.0	7	9.18	223
M358570		1.90	0.038	0.99	6.94	84.7	830	1.50	5.91	2.02	1.10	48.6	4.1	6	9.29	204
M358571		3.92	0.033	0.80	6.61	67.5	680	1.26	7.75	1.62	0.62	48.1	11.9	8	7.31	171.0
M358572		2.56	0.030	0.48	7.16	43.1	250	1.26	4.16	1.76	0.43	46.2	9.3	7	6.83	166.5
M358573		0.26	2.35	23.9	6.06	3270	1450	1.23	18.25	2.18	73.7	43.3	10.4	17	13.25	436
M358574		2.26	0.028	0.54	6.64	21.0	540	1.55	3.44	2.54	0.60	37.5	14.5	7	8.47	190.5
M358575		6.00	0.054	2.31	6.90	58.9	410	1.57	18.85	3.05	5.33	42.4	9.5	6	7.63	191.0
M358576		2.46	0.143	1.11	6.59	175.0	710	1.49	6.37	2.09	1.67	48.2	19.5	6	13.85	229
M358577		2.72	<0.005	0.02	0.15	<5	40	0.06	0.06	20.2	0.07	1.30	1.7	<1	0.26	2.2
M358578		2.57	0.014	1.12	7.05	32.6	550	1.44	3.37	2.37	3.48	50.2	6.1	6	11.00	62.3
M358579		4.29	0.032	0.36	7.05	44.5	1320	1.53	1.60	2.52	0.49	47.5	4.4	8	13.50	73.5
M358580		1.81	0.187	1.06	4.66	122.0	150	0.91	5.80	1.27	0.36	42.1	53.0	8	6.48	183.0
M358581		2.21	0.295	1.50	6.36	78.4	410	1.40	5.05	2.47	1.99	171.0	22.4	6	11.05	83.8
M358582		6.02	0.021	0.34	6.45	40.0	710	1.66	2.05	2.41	0.32	41.2	6.8	6	11.00	69.8
M358583		5.98	0.014	0.20	6.58	17.0	850	1.73	1.01	2.64	0.25	38.7	6.4	7	11.50	73.7
M358584		<0.02	0.014	0.21	6.79	17.4	850	1.78	0.99	2.65	0.27	43.5	6.4	7	12.90	75.7
M358585		3.67	0.058	0.39	6.76	34.9	920	1.45	2.72	2.41	0.39	46.9	20.4	6	11.45	101.5
M358586		4.34	0.052	0.85	7.35	12.2	1220	1.36	2.29	5.45	0.32	66.9	14.7	40	11.45	307
M358587		9.50	0.044	1.18	7.27	29.8	970	1.37	5.85	4.38	0.35	64.5	16.5	39	23.1	255
M358588		3.99	0.029	0.96	7.54	46.7	150	1.45	3.17	2.97	0.64	47.3	19.2	7	29.9	301
M358589		3.76	0.019	0.43	6.41	27.1	130	1.28	3.84	3.77	0.23	34.2	24.4	6	18.75	137.5
M358590		5.17	0.010	0.21	6.76	15.5	1130	1.64	1.34	3.18	0.26	42.4	8.8	8	13.75	64.3
M358591		4.10	<0.005	0.22	7.27	15.1	1290	1.53	1.67	1.95	0.20	42.7	8.8	11	13.80	47.8
M358592		2.96	0.041	0.69	6.43	66.9	160	1.51	2.53	2.89	1.05	80.8	47.2	7	11.85	104.5
M358593		2.45	0.054	0.41	7.19	71.1	910	1.55	2.02	2.87	0.49	45.5	36.7	10	9.96	112.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206337

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358560		3.82	19.40	0.23	0.9	0.235	1.64	26.5	29.7	0.69	282	1.33	1.78	7.9	2.9	540
M358561		3.18	18.45	0.23	1.0	0.247	1.75	20.2	22.2	0.67	275	0.96	1.75	8.3	2.5	550
M358562		3.03	17.80	0.22	1.0	0.064	2.50	22.5	23.1	0.75	396	2.47	1.95	9.0	3.6	580
M358563		8.06	12.95	0.17	1.1	4.48	2.27	15.5	31.4	0.64	3040	16.00	0.08	6.1	14.6	450
M358564		2.96	18.85	0.24	1.0	0.233	2.34	29.0	22.2	0.68	348	3.52	0.99	8.7	3.8	620
M358565		2.97	17.15	0.24	0.9	0.155	2.28	23.2	14.4	0.67	398	1.01	1.86	8.5	2.8	570
M358566		5.67	16.55	0.18	0.8	0.198	2.47	16.1	10.2	0.95	391	0.73	0.57	6.9	2.1	500
M358567		0.47	0.44	0.27	<0.1	<0.005	0.06	0.6	1.4	12.55	202	0.12	0.01	0.4	2.6	180
M358568		3.61	16.85	0.18	0.9	0.287	2.29	29.9	27.4	0.91	395	6.48	0.13	7.5	3.9	550
M358569		3.78	16.05	0.19	0.9	0.246	2.12	22.1	22.6	0.81	373	0.79	0.74	7.5	2.2	540
M358570		3.87	16.05	0.19	0.9	0.220	2.23	22.9	22.2	0.80	356	0.92	0.73	7.3	1.8	540
M358571		3.96	15.85	0.19	0.8	0.220	1.77	23.3	28.6	0.85	299	1.16	1.11	7.2	2.2	520
M358572		4.66	14.80	0.20	0.9	0.129	2.33	21.7	33.8	0.86	253	0.97	0.75	7.3	2.8	520
M358573		6.50	14.00	0.16	0.9	1.580	2.56	22.7	23.9	0.91	1860	13.70	0.03	6.5	15.8	430
M358574		4.12	16.35	0.19	0.8	0.244	2.04	15.8	18.7	0.54	274	0.74	1.07	7.6	3.1	540
M358575		3.49	17.40	0.19	0.8	0.508	2.40	19.5	19.5	0.87	537	1.69	0.51	7.7	2.6	570
M358576		3.83	15.10	0.19	0.7	0.275	2.07	24.2	45.8	0.82	587	2.68	0.07	6.7	3.4	470
M358577		0.46	0.51	0.29	<0.1	0.005	0.07	0.6	1.6	12.75	197	0.12	0.01	0.3	3.2	180
M358578		3.72	15.85	0.18	0.8	0.380	2.61	24.0	13.5	0.89	445	0.75	0.26	7.3	2.3	520
M358579		3.19	16.15	0.20	1.0	0.104	2.41	22.6	23.4	0.80	365	0.79	0.75	7.8	2.3	540
M358580		5.31	13.35	0.17	0.5	0.166	1.91	21.5	27.5	0.54	224	2.65	0.06	3.6	10.0	320
M358581		4.43	18.75	0.20	0.7	0.187	2.58	119.0	15.8	1.01	828	194.5	0.09	5.9	6.1	440
M358582		2.14	17.65	0.13	0.8	0.114	1.78	19.9	51.1	0.72	335	1.92	0.48	7.3	2.4	510
M358583		2.25	17.75	0.14	0.8	0.102	1.50	18.7	15.7	0.64	256	0.87	1.91	7.2	2.7	500
M358584		2.29	17.95	0.14	0.9	0.118	1.52	21.4	16.0	0.65	257	0.92	1.92	7.8	2.7	510
M358585		3.01	19.55	0.16	0.9	0.220	1.59	24.0	28.4	0.74	236	6.45	2.53	7.6	7.5	490
M358586		5.07	21.3	0.21	1.3	0.186	1.66	32.2	23.4	1.96	863	1.54	1.76	6.5	4.1	1030
M358587		5.49	20.9	0.21	1.1	0.221	1.59	30.0	30.6	1.67	738	1.34	1.17	6.4	5.7	1050
M358588		5.46	22.4	0.21	0.9	0.269	2.41	21.0	19.5	1.06	423	2.30	1.51	8.9	13.4	620
M358589		5.86	17.85	0.16	0.8	0.325	1.57	15.7	23.6	0.60	354	18.15	1.21	6.8	7.6	500
M358590		2.72	17.75	0.14	0.8	0.092	1.54	20.6	23.3	0.77	383	1.17	1.72	7.3	4.5	550
M358591		2.99	18.90	0.16	0.9	0.078	2.06	20.5	34.6	0.87	312	1.00	0.65	8.4	4.1	590
M358592		4.52	17.05	0.20	0.7	0.117	2.36	47.8	27.1	1.13	325	10.35	0.24	6.3	11.9	470
M358593		3.60	19.35	0.16	0.8	0.150	1.84	21.7	21.3	0.95	315	2.25	2.17	6.5	13.4	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206337

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358560		23.9	92.9	<0.002	2.35	9.46	11.6	2	7.7	252	0.58	2.31	13.0	0.217	1.34	4.0
M358561		25.9	79.1	<0.002	1.92	7.14	11.2	2	6.8	286	0.63	1.88	11.8	0.228	1.34	3.9
M358562		21.6	88.6	<0.002	1.06	3.07	12.0	2	3.5	372	0.68	0.76	12.4	0.253	1.19	4.5
M358563		9680	131.5	<0.002	6.88	219	7.9	2	8.8	117.0	0.43	0.39	8.0	0.183	2.17	5.0
M358564		31.1	93.3	<0.002	1.26	12.80	12.3	2	5.2	215	0.67	0.42	13.1	0.248	1.57	3.9
M358565		128.5	87.6	<0.002	1.03	3.68	11.6	2	3.9	381	0.62	0.74	12.2	0.240	1.33	4.1
M358566		70.5	100.5	<0.002	4.73	8.42	9.9	2	7.2	149.5	0.50	2.39	9.2	0.198	1.64	4.0
M358567		2.0	4.5	<0.002	<0.01	0.06	0.5	1	0.2	40.1	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M358568		19.1	94.3	0.002	2.35	45.1	10.5	2	5.4	117.0	0.56	2.74	11.0	0.215	1.97	5.2
M358569		69.0	98.2	<0.002	2.28	11.50	10.3	2	6.0	160.0	0.55	1.12	11.2	0.213	1.72	3.9
M358570		59.2	103.5	<0.002	2.43	10.80	10.5	2	5.7	153.5	0.55	1.17	12.1	0.215	1.75	4.1
M358571		28.1	93.9	<0.002	2.57	7.56	10.6	2	5.4	193.5	0.54	1.37	11.5	0.208	1.38	4.1
M358572		17.6	110.0	<0.002	3.69	5.05	10.8	2	4.9	178.0	0.57	0.95	12.0	0.213	1.44	3.9
M358573		2790	160.5	<0.002	4.61	82.2	8.5	2	7.9	87.9	0.47	0.31	9.8	0.178	2.24	5.0
M358574		24.3	93.3	<0.002	3.23	2.46	10.4	2	5.1	195.0	0.56	0.74	9.8	0.213	1.60	3.5
M358575		114.5	99.2	<0.002	2.35	8.92	10.6	2	7.7	190.0	0.58	5.26	10.2	0.226	2.21	3.6
M358576		86.8	111.5	<0.002	2.60	31.0	9.9	6	5.9	103.0	0.47	0.37	10.8	0.201	1.89	4.2
M358577		1.8	2.7	<0.002	<0.01	0.09	0.5	1	<0.2	40.6	<0.05	<0.05	<0.2	0.007	0.02	0.4
M358578		222	119.0	<0.002	2.41	4.88	10.1	2	10.1	129.5	0.56	0.31	12.4	0.206	2.00	4.3
M358579		30.9	96.9	<0.002	1.46	9.13	10.2	2	3.9	202	0.61	0.25	12.2	0.221	1.49	4.1
M358580		28.2	134.0	0.002	5.17	27.7	7.0	2	3.3	70.2	0.30	0.45	8.1	0.100	1.55	2.4
M358581		144.0	151.5	0.081	3.50	15.95	10.4	2	6.0	113.5	0.48	0.47	11.7	0.165	2.15	6.2
M358582		18.3	71.8	<0.002	1.07	11.10	10.9	1	3.4	190.5	0.62	0.26	11.7	0.213	1.47	3.9
M358583		12.2	61.5	<0.002	0.96	3.83	11.4	1	2.7	320	0.63	0.12	12.2	0.214	0.99	4.0
M358584		12.5	70.9	<0.002	0.96	4.25	11.4	1	3.0	320	0.66	0.13	13.4	0.217	1.08	4.3
M358585		13.6	67.2	0.008	2.06	4.22	11.1	2	3.6	345	0.68	0.49	12.3	0.204	1.16	3.9
M358586		9.1	72.3	0.002	0.95	3.69	25.2	2	2.8	762	0.43	0.21	8.4	0.446	1.06	2.7
M358587		15.9	75.9	0.002	2.06	5.59	25.0	2	4.2	496	0.44	0.32	9.3	0.423	1.06	3.2
M358588		15.3	99.6	0.002	4.27	3.93	13.6	3	3.8	333	0.67	0.35	13.0	0.242	1.46	4.8
M358589		12.6	56.5	0.008	5.20	4.08	10.3	2	3.8	318	0.59	0.44	10.7	0.200	1.05	4.2
M358590		13.4	63.4	<0.002	1.03	3.06	11.7	2	3.2	385	0.61	0.13	12.7	0.216	1.03	3.8
M358591		14.3	76.7	<0.002	0.74	5.75	12.6	1	3.5	211	0.66	0.12	13.9	0.235	1.09	4.3
M358592		27.0	111.0	0.003	3.69	15.40	9.8	3	4.6	381	0.50	0.34	11.9	0.174	1.74	5.1
M358593		21.2	74.0	<0.002	2.55	6.14	11.8	2	5.3	377	0.53	0.23	13.0	0.200	1.34	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206337

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358560		61	9.4	14.8	38	25.3	<1	
M358561		60	8.4	15.4	73	28.2	<1	
M358562		67	5.1	16.0	40	29.7	<1	
M358563		52	4.8	9.0	>10000	32.7	120	1.610
M358564		70	5.2	15.4	74	27.4	<1	
M358565		64	4.8	14.9	95	26.5	3	
M358566		60	10.4	12.2	71	22.2	3	
M358567		3	0.3	0.9	13	<0.5	<1	
M358568		66	7.6	15.7	55	23.8	<1	
M358569		62	9.6	14.1	143	24.0	<1	
M358570		60	10.6	14.3	125	24.5	2	
M358571		59	10.4	14.2	58	22.2	1	
M358572		62	18.5	13.5	47	23.6	1	
M358573		55	5.2	10.1	5330	26.0	27	
M358574		70	12.8	13.7	62	23.0	1	
M358575		66	10.3	13.5	514	22.2	3	
M358576		57	4.6	13.2	183	18.9	2	
M358577		4	0.1	0.9	16	0.5	<1	
M358578		61	10.2	14.4	408	23.5	1	
M358579		60	6.1	14.5	60	27.3	1	
M358580		53	6.5	10.2	38	13.5	1	
M358581		74	8.8	14.7	174	18.2	2	
M358582		61	4.0	13.8	42	19.7	1	
M358583		60	3.6	14.3	39	20.8	1	
M358584		63	3.9	15.5	38	22.8	1	
M358585		60	7.4	14.4	42	23.6	1	
M358586		182	6.5	19.6	71	41.4	1	
M358587		174	10.4	18.7	74	35.0	2	
M358588		92	8.8	17.6	60	22.9	1	
M358589		59	6.5	13.1	35	19.1	1	
M358590		66	2.7	14.2	42	19.8	1	
M358591		71	2.2	14.5	45	26.0	1	
M358592		65	7.3	15.6	80	19.0	1	
M358593		62	2.9	13.3	53	20.8	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-116

CERTIFICATE OF ANALYSIS WH12206337

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206338

Project: Klaza-117

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

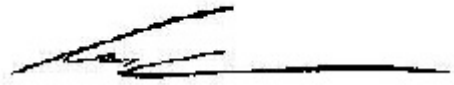
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206338

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357083		4.33	<0.005	0.30	7.15	6.1	1170	1.28	0.17	3.11	0.69	37.0	9.6	13	12.60	75.2
M357084		5.56	<0.005	0.12	6.72	1.2	1130	1.28	0.11	2.84	0.35	34.9	9.1	14	8.22	39.8
M357085		2.44	<0.005	0.08	7.14	1.8	1020	1.40	0.09	2.76	0.24	40.2	9.4	12	9.49	38.9
M357086		<0.02	<0.005	0.06	7.05	1.0	1030	1.31	0.07	2.88	0.27	38.8	9.3	12	9.17	26.5
M357087		2.16	<0.005	0.10	6.01	4.6	1070	1.27	0.08	3.55	0.29	31.8	7.8	9	13.85	39.9
M357088		4.59	<0.005	0.09	7.14	2.9	1050	1.29	0.08	2.92	0.31	38.5	9.4	12	7.27	48.8
M357089		4.96	<0.005	0.07	6.93	1.4	1020	1.28	0.07	3.02	0.18	38.3	8.5	13	8.41	31.7
M357090		5.59	<0.005	0.06	7.06	2.3	1060	1.28	0.09	2.89	0.12	38.1	8.9	13	8.17	43.8
M357091		2.94	<0.005	<0.01	0.06	<5	20	0.05	0.02	19.60	0.07	1.28	1.3	<1	0.15	2.4
M357092		5.06	<0.005	0.06	7.28	2.3	1120	1.26	0.07	2.99	0.19	39.7	9.0	13	9.36	21.1
M357093		1.78	<0.005	0.07	7.10	3.1	1120	1.27	0.09	2.86	0.34	37.6	8.0	12	10.15	27.4
M357094		3.79	<0.005	0.15	7.23	18.0	1030	1.31	0.10	3.18	0.49	39.3	9.4	14	16.60	45.6
M357095		4.55	0.005	0.25	7.15	56.2	980	1.21	0.09	3.19	0.41	40.4	10.4	12	15.40	55.0
M357096		4.10	<0.005	0.05	6.96	2.7	1040	1.28	0.06	3.06	0.12	36.6	10.1	24	11.60	26.3
M357097		4.06	<0.005	0.21	7.05	10.3	1160	1.25	0.20	2.96	0.17	33.0	9.0	13	17.20	46.4
M357098		0.26	0.767	9.39	6.34	1650	840	1.39	6.32	1.79	42.2	40.3	16.6	19	16.10	108.0
M357099		4.79	<0.005	0.18	6.99	14.2	980	1.32	0.07	3.15	0.13	33.0	8.9	13	15.70	29.4
M357100		1.75	<0.005	0.27	6.73	56.2	760	1.22	0.10	3.41	0.31	31.6	10.1	10	18.60	51.0
M357101		3.18	<0.005	0.27	6.82	24.0	670	1.30	0.21	3.01	0.97	35.2	9.2	10	26.4	71.3
M357102		2.25	<0.005	0.22	7.01	37.4	760	1.07	0.17	2.74	0.29	44.4	8.0	7	21.4	92.8
M357103		2.62	<0.005	0.12	6.70	12.5	1100	1.15	0.20	2.34	0.14	34.0	6.5	9	18.65	63.1
M357104		1.23	<0.005	0.09	6.48	11.2	1100	1.10	0.17	2.31	0.11	31.9	6.5	7	16.80	58.5
M357105		1.64	<0.005	0.07	7.00	6.4	1070	1.00	0.16	2.15	0.05	35.3	7.7	9	15.10	50.0
M357106		2.17	<0.005	0.52	6.88	35.4	660	1.20	0.26	2.31	0.21	35.6	9.1	9	17.90	91.7
M357107		1.47	<0.005	0.24	6.77	32.8	420	1.10	0.21	2.37	0.19	40.6	8.2	8	18.90	60.1
M357108		3.03	<0.005	<0.01	0.10	<5	50	0.06	0.02	19.70	0.06	1.43	1.3	<1	0.23	3.4
M357109		2.07	<0.005	0.30	7.13	31.2	520	1.07	0.17	2.20	0.21	42.7	8.2	8	22.8	67.5
M357110		1.44	<0.005	0.23	7.11	37.4	590	1.25	0.19	2.72	0.22	36.9	9.2	10	22.6	111.5
M357111		2.54	<0.005	0.15	6.90	10.5	1000	1.27	0.17	2.96	0.08	32.5	8.3	10	18.85	64.2
M357112		2.04	<0.005	0.07	6.57	5.7	1140	1.12	0.09	2.63	0.06	37.9	7.3	8	15.35	43.2
M357113		2.47	0.005	0.24	6.64	37.2	760	1.13	0.14	2.96	0.45	39.1	6.4	7	17.15	21.7
M357114		0.26	2.09	23.5	5.83	3140	1380	1.26	17.70	2.11	77.6	41.7	10.6	18	14.70	431
M357115		1.86	0.007	1.13	6.58	84.7	720	1.21	0.69	2.12	1.53	37.2	7.6	7	20.1	72.6
M357116		3.04	<0.005	0.66	6.86	48.6	790	1.08	0.60	2.10	1.20	39.0	7.6	8	17.65	63.8
M357117		3.84	0.005	0.57	6.80	32.4	2630	1.11	0.25	2.90	0.50	44.3	6.7	7	19.40	21.6
M357118		2.66	0.007	1.53	6.84	141.5	760	1.27	0.79	2.35	2.45	44.9	6.2	6	20.3	28.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357083		2.85	16.15	0.15	0.7	0.042	1.94	18.7	17.5	0.82	728	3.56	1.97	8.7	5.7	520
M357084		2.78	15.95	0.17	0.6	0.039	1.90	17.5	18.0	0.85	609	2.03	1.98	8.5	4.8	490
M357085		2.87	16.30	0.16	0.7	0.030	1.92	20.2	17.7	0.85	571	0.88	2.02	8.7	4.9	490
M357086		2.84	15.70	0.17	0.6	0.030	1.92	19.5	17.4	0.84	576	0.93	2.01	8.7	5.0	490
M357087		2.26	15.75	0.17	0.6	0.032	1.80	15.3	14.1	0.49	672	5.41	1.42	8.5	4.0	460
M357088		2.87	16.70	0.16	0.7	0.029	2.05	18.5	16.7	0.90	597	39.2	2.15	9.0	4.8	510
M357089		2.65	15.80	0.15	0.6	0.028	2.06	18.5	16.9	0.98	630	117.0	2.03	8.2	4.6	490
M357090		2.81	16.35	0.17	0.6	0.028	2.10	18.2	19.0	0.99	594	70.1	2.09	8.3	5.0	520
M357091		0.42	0.26	0.28	<0.1	<0.005	0.02	0.6	0.9	11.70	189	0.53	0.01	0.4	2.0	170
M357092		2.82	16.50	0.18	0.6	0.030	2.18	19.2	18.4	1.01	630	95.4	2.17	8.5	5.0	530
M357093		2.70	15.80	0.17	0.6	0.026	2.27	18.2	15.1	0.96	577	176.0	2.02	8.2	4.8	510
M357094		2.77	16.65	0.17	0.7	0.037	2.29	19.0	13.4	0.88	674	145.5	1.83	8.8	5.3	530
M357095		3.08	16.10	0.18	0.6	0.030	2.21	20.1	18.5	1.02	953	29.5	1.35	8.4	5.2	520
M357096		2.99	16.55	0.16	0.7	0.034	2.02	16.7	14.8	1.07	703	127.5	2.05	8.9	10.1	520
M357097		2.87	16.50	0.17	0.6	0.028	1.96	16.0	17.0	0.74	634	95.0	1.73	8.2	5.1	520
M357098		4.86	15.45	0.18	1.3	0.951	2.73	20.5	26.3	0.65	1920	13.20	0.25	7.7	15.3	470
M357099		2.91	16.40	0.16	0.6	0.025	1.96	15.8	28.6	0.87	727	21.5	1.54	8.1	5.1	530
M357100		2.78	15.70	0.16	0.5	0.027	1.64	15.5	64.8	0.99	941	12.30	0.43	7.8	5.1	500
M357101		2.57	15.45	0.16	0.7	0.044	1.77	17.9	70.6	0.89	690	57.6	0.32	8.4	4.5	480
M357102		2.15	14.30	0.16	0.7	0.029	2.05	24.8	50.1	0.92	528	20.0	0.13	7.7	3.7	340
M357103		2.11	15.00	0.15	0.9	0.026	2.28	17.4	27.4	0.57	441	104.5	0.18	9.0	3.3	400
M357104		2.02	14.75	0.15	0.8	0.025	2.19	16.0	27.9	0.54	427	117.0	0.17	8.7	3.1	380
M357105		2.37	16.35	0.16	0.8	0.033	1.67	17.9	57.7	0.58	563	234	0.09	9.4	4.0	450
M357106		2.18	14.80	0.14	0.7	0.025	1.58	18.2	60.4	0.76	632	218	0.03	9.2	4.1	440
M357107		1.93	14.30	0.15	0.9	0.030	2.17	21.7	52.9	0.83	644	142.0	0.04	8.7	3.4	380
M357108		0.43	0.35	0.30	<0.1	0.005	0.02	0.7	1.3	11.75	189	1.34	0.01	0.4	2.0	160
M357109		2.12	14.25	0.18	0.8	0.035	2.47	22.7	36.2	0.77	680	204	0.04	8.8	3.4	400
M357110		2.30	15.50	0.19	1.0	0.036	1.90	17.5	50.3	0.83	659	29.8	0.06	11.6	4.4	580
M357111		2.48	15.25	0.18	0.7	0.023	2.30	16.3	18.5	0.72	588	46.1	1.02	8.8	3.8	440
M357112		2.30	14.20	0.18	0.8	0.019	2.19	19.7	16.0	0.64	580	9.97	1.00	8.3	3.1	400
M357113		2.12	13.90	0.17	0.9	0.021	2.17	20.3	47.4	0.71	1400	13.05	0.09	8.5	2.9	360
M357114		6.31	14.25	0.19	0.9	1.760	2.54	22.5	24.6	0.88	1840	13.40	0.04	6.0	14.8	430
M357115		1.99	14.55	0.15	1.0	0.066	2.17	19.2	72.3	0.67	1900	22.7	0.03	8.6	3.2	350
M357116		1.87	14.70	0.16	1.1	0.029	2.34	20.6	82.0	0.72	937	2.30	0.04	8.9	3.4	370
M357117		2.13	14.10	0.18	0.9	0.029	2.06	25.0	70.1	1.00	1460	1.18	0.03	8.5	3.2	360
M357118		2.78	14.30	0.17	0.9	0.126	2.69	24.4	27.3	0.82	3500	1.10	0.09	8.4	2.9	380

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357083		58.4	78.0	<0.002	0.21	2.27	12.0	2	2.2	355	0.73	<0.05	10.7	0.282	0.77	1.9
M357084		28.5	64.9	<0.002	0.10	1.41	11.4	1	1.8	339	0.68	<0.05	9.2	0.269	0.65	1.6
M357085		20.6	72.0	<0.002	0.07	0.57	12.3	1	3.5	350	0.73	<0.05	11.2	0.275	0.64	2.1
M357086		21.4	70.3	<0.002	0.06	0.57	11.8	1	1.9	352	0.73	<0.05	11.3	0.275	0.65	2.0
M357087		19.0	80.1	<0.002	0.07	2.29	10.7	1	1.7	221	0.74	<0.05	9.5	0.255	0.80	3.9
M357088		17.8	72.8	0.002	0.12	0.70	12.2	1	2.2	364	0.73	<0.05	10.1	0.280	0.63	2.4
M357089		15.6	78.8	0.006	0.13	0.46	11.8	1	2.2	345	0.68	<0.05	10.2	0.272	0.67	2.6
M357090		12.9	76.5	0.004	0.17	0.53	12.4	1	2.8	358	0.65	<0.05	10.0	0.281	0.66	2.1
M357091		1.3	1.1	<0.002	<0.01	0.05	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357092		15.4	86.8	0.006	0.13	0.68	12.2	1	2.7	375	0.66	<0.05	10.0	0.286	0.71	2.2
M357093		25.4	86.4	0.013	0.17	0.75	12.2	1	3.0	353	0.64	<0.05	9.8	0.281	0.79	3.1
M357094		39.0	91.7	0.011	0.30	1.90	12.5	1	3.0	345	0.68	0.05	9.9	0.287	0.86	3.3
M357095		21.7	98.5	0.002	0.30	4.26	13.4	2	3.0	278	0.66	<0.05	9.9	0.284	1.06	2.9
M357096		12.1	75.4	0.005	0.15	1.31	14.0	1	2.5	364	0.73	<0.05	8.5	0.295	0.73	2.1
M357097		20.5	79.5	0.004	0.24	3.39	12.3	2	2.7	334	0.63	<0.05	9.0	0.290	0.84	2.1
M357098		1330	150.5	0.002	2.93	32.9	9.2	1	6.1	148.0	0.61	0.32	11.3	0.203	2.49	5.4
M357099		12.1	66.7	<0.002	0.25	4.05	12.0	1	2.4	309	0.66	<0.05	9.1	0.294	0.93	2.5
M357100		16.7	58.2	<0.002	0.39	13.85	12.2	1	2.7	165.5	0.65	<0.05	8.5	0.277	1.15	6.7
M357101		35.6	59.5	0.005	0.29	18.25	11.3	1	2.6	169.0	0.65	<0.05	10.7	0.263	1.14	5.0
M357102		13.7	81.7	0.002	0.32	19.45	8.4	1	2.8	154.0	0.70	<0.05	14.6	0.194	1.09	4.8
M357103		14.2	79.4	0.009	0.21	17.80	8.6	1	1.6	128.5	0.84	<0.05	11.9	0.227	0.95	2.8
M357104		13.7	72.2	0.009	0.19	14.00	8.5	1	1.5	127.0	0.81	<0.05	11.4	0.217	0.85	2.4
M357105		11.7	54.4	0.015	0.19	19.15	9.9	1	1.9	131.0	0.74	<0.05	12.1	0.244	0.66	1.8
M357106		9.4	54.8	0.017	0.44	38.9	10.2	1	1.9	118.0	0.80	<0.05	11.7	0.241	0.98	2.9
M357107		12.2	82.4	0.015	0.32	16.95	9.2	1	1.7	119.0	0.81	<0.05	14.4	0.217	1.37	4.1
M357108		1.4	1.4	<0.002	<0.01	0.11	0.2	1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M357109		18.2	83.5	0.023	0.46	18.25	8.6	1	2.0	103.5	0.73	<0.05	13.7	0.235	1.54	6.2
M357110		14.5	53.7	0.003	0.35	40.2	10.9	2	2.6	167.5	1.00	<0.05	12.0	0.258	1.00	10.2
M357111		11.1	80.0	0.004	0.23	7.65	9.7	1	2.1	234	0.76	<0.05	10.1	0.251	0.97	2.9
M357112		12.0	79.9	<0.002	0.14	9.44	9.1	1	2.7	233	0.66	<0.05	11.6	0.232	0.84	2.5
M357113		18.3	71.9	<0.002	0.24	15.85	8.2	1	1.2	129.0	0.92	<0.05	13.7	0.210	1.18	4.5
M357114		2820	155.5	<0.002	4.64	88.0	8.5	2	8.1	90.2	0.47	0.37	10.0	0.176	2.32	5.4
M357115		89.5	68.7	0.003	0.41	22.5	8.3	1	2.9	135.0	0.82	0.05	13.9	0.213	1.37	9.6
M357116		77.4	75.1	0.002	0.40	17.20	8.9	1	2.2	155.0	0.78	0.06	14.3	0.226	1.38	4.9
M357117		28.2	86.3	<0.002	0.34	10.90	9.1	1	1.5	196.0	0.73	<0.05	15.1	0.202	1.45	4.9
M357118		285	134.0	<0.002	0.35	18.80	8.7	1	2.8	128.5	0.76	0.11	15.0	0.212	1.98	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357083		86	10.2	15.2	72	14.8	<1
M357084		83	5.9	12.6	58	13.2	<1
M357085		85	3.6	14.5	47	13.6	<1
M357086		88	3.3	14.4	48	13.2	<1
M357087		78	10.8	13.5	50	13.8	<1
M357088		87	47.0	14.5	48	13.6	<1
M357089		83	73.1	14.9	44	13.1	<1
M357090		89	73.6	14.8	43	12.8	<1
M357091		2	0.3	0.8	15	<0.5	<1
M357092		91	57.8	15.3	43	13.7	<1
M357093		88	155.5	14.2	48	13.0	<1
M357094		91	102.5	14.9	61	14.1	<1
M357095		91	38.3	16.2	63	13.0	<1
M357096		96	53.1	16.2	46	13.8	<1
M357097		93	61.3	13.7	46	12.8	<1
M357098		55	5.2	11.4	2840	38.4	9
M357099		94	21.4	13.4	45	12.3	<1
M357100		87	18.5	13.9	56	11.4	<1
M357101		82	32.9	12.7	72	14.8	<1
M357102		55	35.3	11.9	50	19.4	<1
M357103		62	36.0	10.7	34	22.4	<1
M357104		61	39.8	10.2	31	21.3	<1
M357105		71	73.7	11.5	35	21.1	<1
M357106		69	76.9	12.5	46	16.3	<1
M357107		63	41.8	11.3	45	24.2	<1
M357108		3	0.5	1.0	13	0.8	<1
M357109		67	57.6	12.4	45	20.6	<1
M357110		75	72.6	14.8	51	22.3	<1
M357111		76	40.5	11.6	35	16.3	<1
M357112		66	26.1	10.9	33	22.4	<1
M357113		58	26.5	11.5	59	23.1	<1
M357114		54	5.0	9.6	5150	25.9	25
M357115		58	13.5	10.2	131	27.1	1
M357116		63	9.1	10.1	124	30.2	1
M357117		58	6.8	11.9	60	25.0	1
M357118		61	3.7	11.3	212	23.8	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206338

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206339

Project: Klaza-117

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

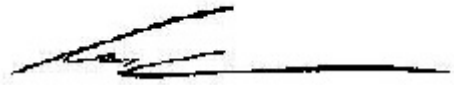
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206339

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357119		5.12	<0.005	0.03	7.13	1.9	1200	1.41	0.08	2.49	0.06	47.1	6.8	9	12.90	2.8
M357120		3.63	<0.005	0.04	6.68	3.9	1130	1.56	0.11	2.58	0.07	42.4	7.0	10	13.30	6.0
M357121		4.67	<0.005	0.08	6.20	8.1	950	1.38	0.11	2.62	0.11	37.3	6.5	9	17.70	4.9
M357122		2.89	<0.005	0.06	6.36	7.0	830	1.32	0.11	2.32	0.14	38.3	6.1	7	18.65	5.2
M357123		4.33	<0.005	0.25	6.36	17.6	540	1.23	0.22	1.98	0.31	45.8	6.3	8	16.55	11.3
M357124		<0.02	<0.005	0.26	6.40	17.5	540	1.21	0.23	2.03	0.30	46.0	6.3	8	16.35	11.3
M357125		4.63	<0.005	0.26	6.33	9.9	840	1.45	0.40	2.56	0.34	36.2	6.8	8	16.40	17.9
M357126		1.80	<0.005	0.23	6.14	15.0	450	1.33	0.15	3.27	0.23	43.7	6.4	9	15.75	8.1
M357127		4.42	<0.005	0.12	6.45	10.9	680	1.40	0.16	2.50	0.23	42.4	6.1	8	18.25	10.7
M357128		2.28	0.007	0.84	6.23	49.3	810	1.39	0.50	2.30	8.48	38.1	6.2	8	15.20	55.0
M357129		5.66	<0.005	0.17	6.14	9.5	1360	1.43	0.28	2.61	0.30	38.5	6.2	8	13.70	26.6
M357130		0.26	0.805	11.15	6.37	1610	610	1.58	6.13	1.86	39.7	42.1	16.5	18	15.30	112.5
M357131		3.65	0.005	1.19	6.28	49.8	720	1.44	0.25	2.49	1.26	44.1	5.5	8	15.35	24.7
M357132		1.56	0.012	1.07	4.00	65.3	2810	1.10	0.23	6.14	3.77	29.1	4.0	5	12.25	6.4
M357133		2.08	0.025	1.64	4.36	136.0	980	1.11	0.10	4.29	6.91	32.6	4.6	4	12.35	10.0
M357134		2.28	<0.005	0.70	6.24	18.4	580	1.18	0.06	2.59	0.31	43.7	6.3	7	16.95	12.9
M357135		3.53	<0.005	0.61	6.50	16.9	4950	1.27	0.06	3.47	0.43	43.6	6.5	8	14.20	26.5
M357136		3.60	<0.005	0.17	6.31	11.2	1060	1.43	0.08	2.35	0.14	36.8	5.7	8	14.90	11.8
M357137		1.69	<0.005	0.20	6.48	10.9	880	1.38	0.09	2.41	0.12	41.0	5.8	8	16.20	13.9
M357138		5.25	<0.005	0.68	5.89	18.4	6560	1.14	0.10	3.05	0.53	41.0	5.2	7	16.70	12.9
M357139		3.11	<0.005	0.31	6.11	16.2	1230	1.23	0.21	2.79	0.32	41.2	5.0	6	18.85	6.6
M357140		1.89	<0.005	0.41	6.52	19.8	520	1.33	0.50	2.40	0.16	44.2	5.9	7	19.25	11.8
M357141		3.19	<0.005	0.19	7.32	4.9	1670	1.13	0.57	1.62	0.15	47.8	5.9	8	16.35	13.0
M357142		2.42	<0.005	1.70	8.21	10.6	1120	1.49	16.30	6.61	0.41	43.7	9.2	5	28.2	3.2
M357143		3.75	<0.005	0.05	0.11	<5	30	0.09	0.06	20.2	0.06	1.36	0.6	<1	0.31	1.8
M357144		5.20	<0.005	0.26	6.96	7.8	680	1.31	0.98	2.51	0.40	51.2	5.1	7	20.8	11.2
M357145		4.98	<0.005	0.23	6.71	13.6	1140	1.24	0.10	2.39	0.42	41.4	5.4	9	14.95	15.4
M357146		2.38	1.725	35.9	6.16	7080	580	1.10	1.02	2.40	85.6	40.6	4.7	6	15.90	659
M357147		3.18	<0.005	0.20	0.05	10	50	<0.05	0.02	20.0	0.14	1.19	0.5	<1	0.14	2.3
M357148		3.03	<0.005	0.35	6.70	24.0	850	1.20	0.23	2.41	1.11	36.7	4.8	7	18.50	10.9
M357149		2.89	<0.005	1.21	6.70	20.6	750	1.24	0.49	2.90	0.59	44.8	6.0	6	22.6	25.2
M357150		2.11	<0.005	0.43	6.34	25.8	460	1.25	0.27	3.29	0.46	43.6	6.3	6	40.0	24.3
M357151		3.38	<0.005	0.18	6.23	9.2	1770	1.35	0.24	2.91	0.24	35.7	5.9	6	22.8	16.9
M357152		0.26	0.740	10.40	6.80	1700	1430	1.39	6.81	1.93	41.6	49.3	16.0	19	17.30	108.5
M357153		5.77	<0.005	0.21	6.72	3.6	1740	1.55	0.15	2.19	0.14	44.2	4.7	9	14.50	10.8
M357154		5.91	<0.005	0.11	6.77	2.2	1710	1.56	0.20	2.55	0.15	40.0	4.3	10	14.15	8.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357119		2.57	16.70	0.15	0.9	0.022	2.47	24.3	15.6	0.67	528	0.40	2.05	9.8	3.5	410
M357120		2.45	17.05	0.15	0.8	0.020	2.47	21.4	23.1	0.68	560	0.47	1.99	10.0	3.7	390
M357121		2.33	15.75	0.14	0.9	0.022	2.27	18.3	52.0	0.69	575	0.41	0.95	8.8	3.6	360
M357122		2.10	15.85	0.14	0.9	0.022	2.11	19.4	68.4	0.63	510	0.39	0.73	8.5	3.2	370
M357123		1.85	14.70	0.15	0.9	0.027	2.06	24.5	80.7	0.66	625	189.5	0.10	8.7	3.3	350
M357124		1.93	15.05	0.14	1.0	0.025	2.07	24.5	83.9	0.67	637	187.0	0.10	8.7	3.4	360
M357125		2.32	15.55	0.15	1.0	0.029	2.30	18.2	34.2	0.72	662	17.75	0.91	8.9	3.4	360
M357126		2.15	15.25	0.15	0.9	0.021	2.20	22.8	55.2	0.88	780	68.8	0.04	8.3	3.5	340
M357127		2.16	15.45	0.15	1.0	0.029	2.37	21.8	38.6	0.77	722	43.2	0.13	8.6	3.3	360
M357128		2.03	15.75	0.15	1.0	0.112	2.49	19.2	32.4	0.66	1130	3.69	0.13	8.8	3.2	360
M357129		2.23	15.20	0.14	1.0	0.042	1.67	19.1	79.5	0.74	720	7.39	0.59	8.7	3.2	360
M357130		5.18	16.20	0.19	1.2	0.902	2.82	21.5	26.4	0.69	1920	13.25	0.26	7.6	15.7	460
M357131		2.43	14.70	0.15	0.9	0.133	1.99	23.5	67.4	0.86	1760	4.55	0.04	8.2	3.0	340
M357132		3.47	9.60	0.14	0.5	0.137	1.84	16.5	17.3	2.19	4400	9.03	0.02	4.8	2.8	190
M357133		2.65	10.75	0.14	0.6	0.060	2.01	18.4	25.6	1.47	3010	8.64	0.02	5.3	2.8	210
M357134		1.89	14.15	0.13	0.8	0.019	2.24	24.1	206	0.86	961	4.29	0.04	7.9	3.2	330
M357135		2.35	14.90	0.13	0.9	0.020	1.51	23.8	155.0	1.11	1100	9.15	0.15	8.8	3.4	390
M357136		2.16	15.85	0.14	0.9	0.018	2.18	18.5	94.9	0.69	646	0.61	0.29	8.7	3.1	380
M357137		2.20	15.45	0.15	0.9	0.018	2.26	20.9	84.5	0.73	705	0.60	0.28	8.8	3.2	380
M357138		2.08	13.20	0.14	0.8	0.025	2.05	22.3	158.5	1.01	1100	5.03	0.04	7.6	3.2	320
M357139		1.92	13.30	0.14	0.8	0.020	2.33	23.3	134.5	0.97	923	1.39	0.04	7.3	2.9	310
M357140		2.21	15.50	0.15	0.9	0.022	2.66	23.7	121.0	0.88	922	3.19	0.04	8.7	3.5	340
M357141		2.33	15.75	0.13	1.0	0.038	2.23	23.9	57.6	0.70	732	0.98	0.56	8.4	3.0	420
M357142		5.01	29.1	0.20	1.4	0.924	3.93	19.7	26.4	0.80	2470	0.23	0.18	10.4	4.1	550
M357143		0.46	0.36	0.11	<0.1	0.012	0.04	0.7	1.5	12.40	202	0.11	0.02	0.3	1.6	200
M357144		2.23	14.55	0.17	1.0	0.071	3.00	25.7	27.3	0.86	960	3.57	0.05	8.3	2.7	350
M357145		2.29	14.55	0.17	1.1	0.033	2.52	19.4	29.6	0.63	577	1.64	1.36	8.0	3.2	380
M357146		5.38	12.10	0.15	0.9	1.320	2.49	21.5	22.0	0.65	1950	2.27	0.23	6.6	2.2	300
M357147		0.43	0.18	0.08	<0.1	0.013	0.02	0.6	1.1	12.35	192	0.13	<0.01	0.1	1.6	160
M357148		2.20	13.85	0.13	1.0	0.045	2.43	17.3	44.1	0.58	1000	0.69	0.64	7.8	2.5	360
M357149		2.45	14.30	0.15	1.0	0.064	2.78	21.3	27.4	0.81	1920	13.95	0.41	7.9	2.9	340
M357150		2.09	13.80	0.16	1.2	0.034	2.81	22.1	21.3	0.83	1480	101.5	0.04	7.1	2.6	360
M357151		2.20	14.85	0.15	1.4	0.030	2.82	17.2	15.3	0.66	866	1.42	0.69	6.7	2.0	450
M357152		5.22	15.65	0.18	1.6	0.840	2.89	23.9	24.9	0.70	2000	12.80	0.26	7.3	15.0	490
M357153		1.93	15.10	0.16	1.6	0.026	2.93	21.7	19.0	0.50	501	1.81	1.92	7.3	1.9	380
M357154		1.92	14.70	0.15	1.7	0.024	2.96	19.9	11.4	0.47	582	2.67	1.80	7.0	1.8	360

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357119		12.6	99.3	<0.002	0.02	1.49	10.4	1	1.1	333	0.84	<0.05	15.4	0.234	0.60	2.8
M357120		12.7	99.2	<0.002	0.04	4.26	10.0	1	1.0	320	0.88	<0.05	13.9	0.226	0.64	2.8
M357121		13.3	75.6	<0.002	0.07	4.66	9.1	1	0.9	232	0.87	<0.05	14.0	0.212	0.80	3.0
M357122		15.3	69.7	<0.002	0.06	5.41	9.3	1	1.0	210	0.81	<0.05	14.1	0.211	0.73	3.3
M357123		24.8	84.9	0.048	0.28	12.65	8.5	1	1.0	123.0	0.87	<0.05	15.7	0.194	1.09	4.6
M357124		25.8	83.8	0.048	0.28	12.20	8.7	1	1.0	123.5	0.88	<0.05	16.7	0.198	1.09	4.7
M357125		33.6	74.9	0.004	0.51	7.23	9.1	1	1.1	233	0.87	0.06	13.8	0.212	1.01	3.8
M357126		18.2	77.4	0.013	0.22	9.84	9.3	1	1.0	156.0	0.80	<0.05	14.2	0.203	1.36	4.0
M357127		17.6	96.1	0.015	0.20	16.90	8.7	1	1.1	116.0	0.84	<0.05	14.3	0.203	1.37	4.8
M357128		286	101.0	0.002	0.24	17.00	8.9	1	1.2	110.5	0.86	<0.05	13.7	0.198	1.44	6.1
M357129		27.5	56.1	<0.002	0.21	11.55	9.0	1	1.1	189.5	0.88	<0.05	13.5	0.203	0.87	3.9
M357130		1340	158.0	0.002	2.92	33.0	9.8	2	5.8	148.5	0.62	0.69	11.6	0.196	2.44	5.1
M357131		154.0	87.5	0.002	0.25	15.70	8.6	1	1.3	99.9	0.82	<0.05	15.0	0.196	1.30	5.8
M357132		241	110.5	<0.002	0.33	13.50	5.7	1	0.8	114.0	0.44	<0.05	10.1	0.120	1.26	4.3
M357133		803	139.5	0.002	0.50	18.45	6.3	1	0.8	162.5	0.51	<0.05	9.8	0.126	1.49	8.1
M357134		15.5	93.6	0.002	0.27	28.8	8.3	1	0.9	133.5	0.80	<0.05	13.9	0.189	1.22	6.9
M357135		22.9	56.4	0.003	0.28	17.10	9.0	1	0.9	246	0.78	<0.05	14.4	0.207	0.87	4.4
M357136		28.8	72.5	<0.002	0.10	16.15	9.2	1	1.0	169.0	0.83	<0.05	13.7	0.210	1.15	4.0
M357137		13.3	84.1	<0.002	0.11	16.00	9.5	1	1.1	160.5	0.88	<0.05	14.6	0.211	1.23	4.5
M357138		65.3	81.5	0.002	0.37	9.62	7.8	1	0.8	174.0	0.83	<0.05	14.8	0.180	1.29	5.2
M357139		21.6	112.5	<0.002	0.22	13.25	7.7	1	0.8	135.5	0.71	<0.05	14.3	0.178	1.55	5.3
M357140		14.9	125.5	<0.002	0.18	6.42	8.8	1	1.0	110.0	0.84	<0.05	14.8	0.197	1.91	5.0
M357141		17.2	103.5	<0.002	0.10	7.15	8.9	1	1.2	133.0	0.71	<0.05	16.2	0.229	1.23	3.0
M357142		22.5	117.0	<0.002	0.34	8.63	9.1	1	26.4	245	1.02	<0.05	14.8	0.300	2.93	18.9
M357143		2.1	2.2	<0.002	0.01	0.07	0.2	<1	0.2	48.3	<0.05	<0.05	0.2	<0.005	0.03	0.7
M357144		9.4	163.0	<0.002	0.08	9.34	7.9	1	1.3	88.4	0.76	<0.05	17.6	0.197	2.09	4.8
M357145		37.4	92.9	<0.002	0.04	5.17	7.9	1	1.1	249	0.76	<0.05	13.4	0.219	1.12	2.7
M357146		7700	132.0	0.002	3.87	103.0	6.5	1	1.4	116.0	0.67	<0.05	15.2	0.169	1.68	4.6
M357147		7.6	1.1	<0.002	<0.01	0.18	0.2	<1	0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357148		84.6	85.1	<0.002	0.16	6.54	7.2	1	1.1	197.0	0.76	<0.05	13.6	0.206	1.25	5.0
M357149		76.5	124.0	0.003	0.16	11.35	7.8	1	1.5	158.5	0.83	<0.05	15.0	0.198	1.72	4.2
M357150		52.1	144.0	0.007	0.18	16.35	7.4	1	1.2	115.0	0.63	<0.05	15.8	0.184	2.05	4.7
M357151		14.9	123.5	<0.002	0.06	11.75	8.0	1	1.3	163.5	0.61	<0.05	11.7	0.199	1.81	3.7
M357152		1360	168.0	<0.002	3.04	34.5	9.1	1	6.2	149.0	0.62	0.34	13.0	0.209	2.51	5.5
M357153		20.4	120.5	<0.002	0.02	4.90	7.0	1	1.3	284	0.77	<0.05	16.4	0.173	1.04	5.0
M357154		19.9	122.5	<0.002	0.03	5.66	6.6	1	1.2	282	0.79	<0.05	17.0	0.166	1.26	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206339

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357119		70	1.4	13.7	41	20.2	1
M357120		68	1.1	12.8	40	20.9	<1
M357121		64	2.9	11.6	42	20.7	<1
M357122		63	2.0	11.0	42	20.0	<1
M357123		57	5.9	11.4	54	22.2	1
M357124		59	6.0	11.4	56	23.0	1
M357125		64	3.7	10.7	73	24.0	1
M357126		59	5.1	11.6	65	23.1	<1
M357127		61	4.1	10.7	62	23.9	<1
M357128		59	3.8	11.1	976	25.5	1
M357129		60	4.8	10.9	79	25.6	1
M357130		55	5.2	11.6	2910	34.6	10
M357131		57	4.8	11.2	138	22.3	1
M357132		42	3.6	9.6	346	14.1	2
M357133		44	3.4	9.9	681	14.6	2
M357134		55	11.1	10.4	50	20.2	1
M357135		59	9.5	12.8	84	22.1	1
M357136		63	6.4	10.2	52	21.7	<1
M357137		63	5.6	10.8	49	21.8	1
M357138		51	11.8	11.2	84	19.2	1
M357139		53	6.7	10.2	62	20.0	1
M357140		59	5.6	11.2	50	22.4	1
M357141		64	3.0	11.2	51	24.9	<1
M357142		123	4.5	14.2	114	31.9	2
M357143		3	0.1	0.9	15	<0.5	<1
M357144		54	3.2	12.2	68	25.3	1
M357145		63	2.3	10.0	72	25.2	<1
M357146		49	3.7	8.9	9170	20.6	38
M357147		2	0.1	0.8	25	<0.5	<1
M357148		58	3.6	9.6	138	24.0	1
M357149		56	10.4	10.6	72	24.6	2
M357150		52	14.4	11.2	55	28.9	<1
M357151		53	2.7	11.2	62	31.4	1
M357152		58	5.1	12.6	2980	39.6	11
M357153		45	2.8	12.6	39	41.5	<1
M357154		43	1.5	11.6	37	37.4	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206339

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206360

Project: Klaza-117

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

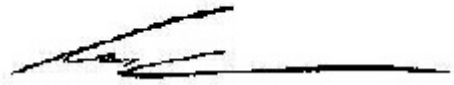
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206360

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357155		4.66	<0.005	0.09	7.64	2.4	2000	1.46	0.16	2.78	0.12	46.2	8.5	12	13.05	7.9
M357156		1.87	<0.005	0.05	7.40	1.3	1940	1.36	0.12	2.59	0.10	44.0	8.3	14	12.45	7.3
M357157		2.27	<0.005	0.20	6.83	17.1	2010	1.21	0.62	3.28	6.25	45.4	8.9	10	25.8	8.4
M357158		3.23	<0.005	0.11	7.23	6.6	1840	1.39	0.12	2.65	0.17	39.1	9.5	14	19.55	10.2
M357159		1.59	<0.005	0.10	7.24	7.3	1440	1.18	0.12	3.10	0.21	49.7	8.5	8	19.85	6.0
M357160		0.26	0.760	10.15	6.97	1870	400	1.95	6.12	1.91	45.3	47.9	18.0	20	18.95	114.0
M357161		2.14	<0.005	0.49	6.82	11.0	1850	1.37	3.61	3.80	0.19	42.2	9.5	9	27.1	43.7
M357162		4.99	<0.005	0.40	7.69	3.5	2140	1.50	0.80	3.00	0.12	47.6	10.1	11	13.40	13.8
M357163		4.40	<0.005	0.15	7.62	4.2	1860	1.47	0.15	2.93	0.11	49.3	10.2	12	14.90	20.1
M357164		1.54	<0.005	0.34	6.62	21.5	1410	1.39	0.30	3.34	0.14	43.6	8.6	9	24.3	4.7
M357165		4.40	<0.005	0.01	0.06	6	20	0.05	0.02	21.3	0.06	1.10	1.3	<1	0.33	1.4
M357166		3.51	<0.005	0.27	7.54	4.3	1920	1.38	0.24	2.87	0.10	46.8	9.2	13	14.30	45.3
M357167		2.17	<0.005	0.19	6.88	7.2	1970	1.29	0.20	3.28	0.11	36.0	9.4	11	20.7	55.6
M357168		3.96	<0.005	0.18	7.62	6.6	2110	1.40	0.16	2.89	0.11	46.3	10.0	13	13.10	64.8
M357169		2.64	<0.005	0.23	7.22	16.1	1200	1.43	0.12	3.13	0.20	43.2	10.8	10	31.1	61.1
M357170		<0.02	<0.005	0.24	7.11	16.9	1200	1.45	0.11	3.08	0.18	42.1	10.3	10	30.4	61.3
M357171		4.77	<0.005	0.12	7.49	2.4	2370	1.48	0.08	2.96	0.12	46.9	9.3	10	11.90	17.4
M357172		4.58	<0.005	0.18	7.61	5.1	1980	1.55	0.25	3.13	0.12	47.7	9.6	12	16.55	25.5
M357173		4.81	<0.005	0.14	7.62	2.3	2040	1.57	0.20	2.91	0.10	52.3	9.9	11	10.95	23.5
M357174		0.26	0.827	10.25	6.79	1625	480	1.55	6.20	1.98	43.3	43.8	19.1	20	17.60	106.0
M357175		1.79	<0.005	0.14	7.66	3.5	1900	1.59	0.28	2.95	0.12	47.0	8.9	10	13.55	14.1
M357176		1.45	<0.005	0.38	6.92	3.7	1520	1.50	2.14	3.11	0.12	42.9	8.4	9	16.35	33.6
M357177		3.45	<0.005	0.37	7.51	3.5	1870	1.37	0.42	3.00	0.16	46.4	9.6	14	13.40	62.5
M357178		2.49	<0.005	0.49	7.12	16.4	1460	1.55	0.65	2.85	0.60	43.9	8.5	9	23.1	52.1
M357179		4.28	<0.005	0.01	0.11	<5	30	0.07	0.02	21.8	0.07	1.21	1.4	<1	0.65	1.4
M357180		5.08	<0.005	0.16	7.32	3.2	1860	1.49	0.16	3.26	0.12	43.1	7.9	10	14.50	13.0
M357181		5.29	<0.005	0.18	7.43	2.1	2130	1.47	0.14	3.03	0.11	45.5	9.5	11	10.70	11.2
M357182		4.52	<0.005	0.19	7.77	2.2	2350	1.56	0.11	2.75	0.14	48.8	9.3	11	8.57	15.8
M357183		4.66	<0.005	0.15	7.65	3.2	2140	1.51	0.14	3.12	0.16	46.7	9.5	13	10.00	16.7
M357184		2.55	<0.005	0.14	7.75	3.4	2260	1.62	0.15	3.08	0.17	45.3	10.5	10	10.05	18.0
M357185		4.55	<0.005	0.23	7.65	3.4	2400	1.59	0.23	2.81	0.26	52.2	10.3	12	8.99	72.9
M357186		4.60	<0.005	1.06	7.88	141.5	2340	1.67	0.74	2.93	0.72	50.6	14.2	10	9.13	308
M357187		5.27	<0.005	0.38	7.62	13.3	2350	1.56	0.61	3.21	0.58	45.4	12.4	12	11.20	151.5
M357188		4.20	<0.005	0.35	7.72	9.1	2270	1.64	0.40	3.16	0.42	46.5	12.4	10	10.70	107.0
M357189		5.20	<0.005	0.59	7.78	2.6	2210	1.68	0.27	3.37	0.30	46.2	10.9	14	8.93	87.3
M357190		5.31	<0.005	0.12	7.63	1.9	2170	1.70	0.09	3.29	0.13	47.9	10.7	12	9.55	16.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357155		2.77	17.95	0.15	1.4	0.029	2.58	25.3	12.8	0.77	551	1.30	2.25	8.4	2.9	560
M357156		2.79	17.35	0.15	1.2	0.030	2.45	24.4	10.7	0.73	552	2.30	2.20	7.7	2.9	560
M357157		2.64	16.00	0.14	1.1	0.031	2.69	25.5	32.9	1.00	1060	14.30	0.28	6.7	2.6	520
M357158		3.01	17.65	0.15	1.2	0.033	2.59	19.7	19.3	0.84	625	1.59	1.48	8.2	3.1	590
M357159		2.96	16.45	0.16	1.2	0.034	2.11	27.7	59.7	1.10	864	2.33	0.07	7.7	2.7	590
M357160		5.31	15.90	0.16	1.5	1.025	3.00	25.4	30.9	0.70	2090	13.70	0.28	7.6	16.6	520
M357161		3.14	17.45	0.18	1.1	0.040	2.48	22.4	28.4	1.09	1070	3.07	0.35	7.6	3.0	560
M357162		3.35	18.40	0.16	1.2	0.046	2.53	24.6	12.3	0.95	772	1.43	2.19	8.7	3.2	650
M357163		3.31	18.60	0.18	1.2	0.046	2.70	25.4	14.7	0.89	709	2.84	1.93	8.9	3.2	670
M357164		2.70	16.15	0.16	1.0	0.042	2.73	24.1	28.4	1.02	1620	8.18	0.21	6.6	2.7	540
M357165		0.47	0.24	0.09	<0.1	0.005	0.04	0.5	1.0	12.75	208	<0.05	0.01	0.3	3.1	170
M357166		3.03	17.90	0.16	1.1	0.037	2.45	24.8	15.4	0.83	648	2.74	1.97	8.0	2.9	620
M357167		3.02	17.15	0.16	1.0	0.034	2.42	18.0	10.9	0.92	636	2.08	1.80	8.0	2.9	610
M357168		3.15	17.85	0.16	1.2	0.038	2.49	23.8	24.1	0.90	603	2.09	2.21	8.5	3.1	650
M357169		2.82	18.30	0.15	1.0	0.034	2.25	22.5	57.2	0.86	720	3.06	0.64	8.0	3.2	620
M357170		2.79	17.70	0.15	1.1	0.033	2.21	22.1	58.1	0.84	708	3.22	0.64	7.7	3.1	600
M357171		3.13	18.10	0.15	1.1	0.034	2.38	24.7	19.5	0.92	664	1.43	2.24	8.1	3.2	650
M357172		3.09	18.65	0.15	1.2	0.035	2.47	24.9	20.2	0.89	677	1.97	2.03	8.3	3.2	650
M357173		3.21	18.10	0.16	1.2	0.031	2.44	27.5	13.8	0.91	602	2.82	2.17	8.2	3.1	650
M357174		5.52	17.00	0.19	1.3	0.999	2.79	23.1	23.7	0.72	2110	14.50	0.27	7.7	16.8	520
M357175		3.18	18.85	0.17	1.1	0.031	2.51	24.5	29.6	0.86	635	0.86	1.90	8.0	3.1	640
M357176		2.63	17.95	0.15	0.9	0.032	2.33	22.6	15.5	0.85	663	36.3	1.76	7.1	2.9	560
M357177		3.09	18.25	0.16	1.0	0.034	2.44	24.2	12.7	0.89	593	2.53	1.98	7.5	3.0	660
M357178		2.91	18.00	0.15	0.9	0.035	2.70	23.4	29.1	0.92	742	4.50	0.60	7.5	3.1	640
M357179		0.50	0.34	0.08	<0.1	<0.005	0.04	0.6	1.3	13.10	226	0.97	0.01	0.3	3.2	190
M357180		2.94	18.25	0.15	1.0	0.040	2.34	21.8	19.6	0.85	691	0.96	2.14	8.0	3.2	680
M357181		3.18	18.10	0.16	1.2	0.036	2.33	23.5	15.6	0.92	617	1.60	2.27	8.0	3.1	660
M357182		3.15	18.50	0.15	1.2	0.038	2.38	25.9	18.5	1.01	625	0.84	2.49	7.9	3.1	660
M357183		3.34	18.55	0.15	1.1	0.041	2.45	24.6	15.9	0.91	756	1.43	2.32	7.9	3.1	680
M357184		3.47	19.10	0.15	1.1	0.040	2.51	23.4	15.9	0.93	766	1.26	2.37	7.9	3.3	690
M357185		3.22	18.70	0.14	1.0	0.039	2.30	26.7	19.2	1.03	681	4.88	2.42	8.2	3.5	690
M357186		3.37	18.80	0.16	1.0	0.062	2.33	27.2	21.4	0.87	634	6.68	2.23	8.2	3.4	700
M357187		3.57	19.45	0.16	0.9	0.049	2.16	21.9	19.2	1.09	646	3.11	2.16	8.2	3.5	740
M357188		3.57	19.40	0.16	0.9	0.048	2.15	22.8	22.2	1.11	661	5.59	2.30	8.4	3.3	750
M357189		3.60	18.70	0.17	0.9	0.050	2.19	23.3	21.3	1.15	715	4.86	2.32	8.3	3.3	740
M357190		3.44	19.10	0.17	1.2	0.037	2.36	24.0	20.5	1.04	726	3.55	2.30	8.5	3.3	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357155		16.3	110.5	<0.002	0.02	1.45	11.4	1	1.3	395	0.78	<0.05	14.1	0.244	1.00	2.9
M357156		15.0	100.5	<0.002	0.03	0.96	11.4	1	1.5	392	0.64	<0.05	14.0	0.249	0.92	2.5
M357157		123.5	149.0	0.003	0.24	9.54	10.5	1	1.4	162.5	0.60	<0.05	12.5	0.220	1.69	6.0
M357158		14.5	108.5	<0.002	0.08	3.65	11.8	1	1.5	313	0.72	<0.05	10.9	0.261	1.26	2.2
M357159		14.5	109.0	<0.002	0.09	13.70	12.6	1	1.6	150.0	0.67	<0.05	13.6	0.251	1.25	3.7
M357160		1415	167.5	0.002	3.21	35.6	9.8	2	6.3	162.0	0.69	0.31	13.4	0.219	2.69	5.7
M357161		14.3	110.0	<0.002	0.09	42.8	11.5	1	1.9	184.0	0.64	0.15	11.7	0.250	1.47	3.9
M357162		15.2	104.5	<0.002	0.05	2.41	13.4	1	1.9	419	0.77	<0.05	12.6	0.289	1.02	3.2
M357163		13.8	130.0	<0.002	0.07	3.19	14.5	1	1.8	366	0.74	<0.05	12.6	0.298	1.14	3.1
M357164		15.6	146.0	0.003	0.26	26.0	11.6	1	1.6	148.5	0.51	<0.05	12.3	0.230	1.84	11.0
M357165		1.2	2.8	<0.002	<0.01	<0.05	0.2	1	<0.2	51.0	<0.05	<0.05	0.2	<0.005	0.02	0.8
M357166		14.3	104.0	<0.002	0.15	5.54	12.6	2	1.6	380	0.65	<0.05	12.6	0.268	1.07	2.5
M357167		14.0	93.7	<0.002	0.19	8.10	12.2	2	1.7	346	0.65	<0.05	9.9	0.274	1.10	3.7
M357168		14.2	99.7	<0.002	0.18	1.63	13.0	2	1.9	421	0.73	<0.05	12.7	0.288	1.02	3.2
M357169		14.8	89.4	<0.002	0.21	21.7	12.2	2	1.7	258	0.69	<0.05	10.9	0.273	1.27	6.9
M357170		14.6	85.6	<0.002	0.22	22.5	11.9	2	1.7	255	0.68	<0.05	10.9	0.270	1.28	6.7
M357171		14.1	89.4	<0.002	0.05	1.43	12.9	1	1.7	440	0.69	<0.05	12.0	0.278	0.94	3.0
M357172		15.8	97.5	<0.002	0.09	9.46	13.1	1	2.0	418	0.69	<0.05	12.7	0.277	1.03	3.5
M357173		15.3	96.6	<0.002	0.10	1.65	13.0	1	2.0	421	0.70	<0.05	13.9	0.277	0.97	3.4
M357174		1420	157.5	<0.002	3.15	34.9	9.6	2	6.3	153.5	0.66	0.29	11.0	0.217	2.55	5.1
M357175		15.2	95.2	<0.002	0.11	2.78	12.7	1	1.9	378	0.66	<0.05	12.7	0.287	1.06	4.0
M357176		16.0	103.0	0.017	0.18	4.73	11.8	2	2.4	327	0.55	0.07	10.3	0.244	1.19	4.2
M357177		13.1	94.8	<0.002	0.24	2.88	12.4	2	2.2	389	0.59	<0.05	10.7	0.282	1.08	3.3
M357178		21.9	126.0	0.002	0.35	26.7	12.9	2	2.3	203	0.57	<0.05	9.5	0.272	1.65	3.0
M357179		1.3	3.7	<0.002	<0.01	0.06	0.2	1	<0.2	51.9	<0.05	<0.05	1.2	<0.005	0.02	1.7
M357180		13.8	80.1	<0.002	0.06	2.67	12.9	1	2.0	407	0.63	<0.05	9.0	0.291	1.10	2.2
M357181		16.0	83.5	<0.002	0.03	2.06	13.6	1	1.8	434	0.65	<0.05	11.5	0.283	0.91	2.9
M357182		16.5	79.7	<0.002	0.03	1.20	13.2	1	1.6	455	0.66	<0.05	12.0	0.282	0.80	3.1
M357183		16.3	80.8	<0.002	0.04	1.55	13.4	1	1.9	436	0.62	<0.05	11.6	0.285	0.89	3.3
M357184		17.1	80.3	<0.002	0.05	1.41	13.3	1	2.2	444	0.61	<0.05	11.4	0.291	0.89	3.3
M357185		15.6	85.0	<0.002	0.14	1.72	13.4	2	1.8	483	0.61	<0.05	10.2	0.294	0.99	3.1
M357186		26.6	95.9	<0.002	0.44	15.70	13.8	2	2.7	469	0.61	<0.05	10.5	0.300	1.23	7.5
M357187		12.6	82.9	<0.002	0.27	5.09	14.8	2	3.2	467	0.59	<0.05	8.8	0.315	1.03	3.7
M357188		14.3	84.6	<0.002	0.20	3.49	15.1	2	3.0	492	0.63	<0.05	9.4	0.325	1.02	2.9
M357189		14.2	84.9	<0.002	0.07	0.83	14.6	1	2.4	495	0.66	<0.05	10.1	0.321	0.90	3.3
M357190		14.5	91.8	<0.002	0.01	1.30	14.3	1	1.9	458	0.70	<0.05	11.2	0.306	0.89	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357155		68	1.6	15.5	39	38.1	<1
M357156		71	1.2	14.1	45	32.3	<1
M357157		65	2.7	13.3	492	28.4	<1
M357158		76	2.6	14.0	55	31.9	<1
M357159		73	4.9	16.7	66	30.9	<1
M357160		62	6.1	12.2	3200	43.7	10
M357161		78	3.2	14.7	66	30.4	1
M357162		85	2.2	16.8	50	29.8	2
M357163		90	2.9	15.9	49	31.5	<1
M357164		70	2.2	14.4	48	25.0	<1
M357165		2	0.1	0.8	16	0.5	<1
M357166		79	2.0	15.0	44	29.9	<1
M357167		80	2.9	12.7	44	26.6	<1
M357168		85	3.4	16.4	44	30.2	<1
M357169		80	3.1	15.4	53	26.4	1
M357170		79	3.1	14.8	52	27.3	<1
M357171		80	1.5	16.6	45	28.8	<1
M357172		82	2.5	15.7	45	30.5	<1
M357173		83	2.1	15.2	44	31.0	<1
M357174		61	5.6	11.2	3140	37.7	10
M357175		82	1.9	14.3	48	28.1	<1
M357176		80	2.0	13.6	39	23.4	1
M357177		86	3.3	13.5	41	24.3	1
M357178		86	3.1	12.6	73	21.2	1
M357179		2	0.1	0.9	18	0.6	<1
M357180		89	1.4	14.4	41	25.4	<1
M357181		85	1.8	16.5	43	28.4	<1
M357182		85	0.9	15.8	43	27.7	<1
M357183		85	1.4	15.9	46	28.2	<1
M357184		89	1.3	15.6	48	28.6	<1
M357185		85	2.7	15.4	48	25.6	1
M357186		86	5.1	15.3	68	27.3	1
M357187		94	3.5	15.2	52	22.3	1
M357188		94	2.2	16.4	54	22.3	<1
M357189		94	4.1	17.5	54	22.5	<1
M357190		91	2.1	17.3	54	29.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206360

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206361

Project: Klaza-117

P.O. No.: Batch 4

This report is for 5 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

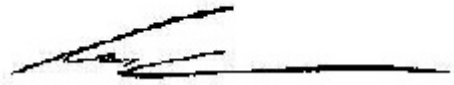
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206361

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357191		4.18	0.013	0.25	6.87	6.1	2370	1.56	0.13	2.51	0.20	36.9	7.7	10	12.40	95.1
M357192		2.71	<0.005	0.26	6.52	20.9	1990	1.34	0.38	4.19	0.41	58.7	8.2	7	22.2	74.0
M357193		1.68	<0.005	0.02	0.11	<5	30	0.08	0.04	20.7	0.06	1.17	0.8	<1	0.58	2.1
M357194		2.02	0.007	0.31	6.86	5.1	1660	1.57	0.22	2.75	0.12	39.6	9.9	8	15.50	69.8
M357195		5.04	<0.005	0.27	7.45	3.5	1870	1.55	0.19	2.53	0.13	42.1	9.0	11	12.70	25.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357191		2.53	14.55	0.10	1.7	0.029	2.83	18.2	20.2	0.63	486	4.37	1.66	7.3	2.4	510
M357192		2.81	13.80	0.15	1.4	0.029	2.68	33.4	30.1	1.21	881	6.85	0.46	6.9	2.6	520
M357193		0.51	0.33	0.13	<0.1	0.008	0.06	0.6	1.4	12.35	223	0.43	<0.01	0.2	2.2	160
M357194		3.32	14.75	0.14	1.4	0.037	2.44	19.6	19.8	0.86	573	2.54	1.55	7.0	2.5	570
M357195		3.35	16.20	0.15	1.4	0.034	2.58	20.3	17.8	1.04	576	1.71	1.97	7.8	2.9	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357191		17.2	102.5	0.004	0.07	5.09	9.2	<1	1.2	331	0.65	<0.05	10.9	0.224	1.05	3.9
M357192		17.3	110.5	0.002	0.10	17.25	10.2	<1	1.3	250	0.66	0.06	13.1	0.235	1.45	6.5
M357193		1.3	3.2	<0.002	<0.01	0.23	0.4	<1	0.2	39.8	<0.05	<0.05	<0.2	<0.005	0.04	0.5
M357194		15.1	91.9	0.003	0.19	2.63	10.6	1	1.5	424	0.62	0.06	11.2	0.251	1.03	4.9
M357195		16.3	92.4	<0.002	0.03	1.47	11.5	1	1.5	471	0.68	<0.05	12.0	0.283	0.99	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357191		65	4.7	12.2	42	50.3	1
M357192		70	3.3	14.5	59	36.9	<1
M357193		3	0.1	0.9	14	0.5	<1
M357194		75	3.1	14.4	44	36.9	1
M357195		83	3.8	14.5	48	36.1	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12206361

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206362

Project: Klaza-122

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

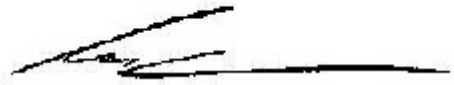
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12206362

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359434		3.85	<0.005	0.07	7.26	13.3	2280	1.47	0.57	2.13	0.08	45.1	8.1	7	13.15	14.5
M359435		5.40	<0.005	0.15	7.42	20.1	2530	1.25	0.83	1.49	0.19	37.3	9.2	6	17.90	11.3
M359436		2.80	0.006	0.39	6.75	23.4	2890	1.33	0.70	1.82	0.17	38.3	9.0	5	16.35	9.0
M359437		4.22	<0.005	0.11	7.16	12.7	2020	1.43	0.49	2.63	0.13	46.9	8.9	11	13.75	10.8
M359438		5.14	<0.005	0.11	7.22	12.5	2210	1.44	0.41	2.55	0.17	47.1	9.4	11	10.45	13.5
M359439		2.95	<0.005	0.19	7.51	10.9	2330	1.41	0.38	2.93	0.16	53.7	7.9	9	12.80	22.0
M359440		5.85	<0.005	0.51	7.24	21.3	2380	1.40	0.32	2.68	0.12	48.2	8.1	9	12.90	13.7
M359441		0.26	2.38	26.3	5.80	2890	1740	1.22	20.9	2.32	84.1	50.6	10.8	19	14.90	454
M359442		8.51	<0.005	0.32	7.70	20.6	2410	1.55	0.28	2.81	0.19	51.6	8.5	11	11.80	13.7
M359443		8.37	<0.005	0.13	7.36	21.7	2340	1.50	0.33	3.05	0.20	48.1	9.3	11	13.65	24.3
M359444		3.25	<0.005	0.21	7.49	19.5	2040	1.33	0.60	2.51	0.14	43.7	12.1	8	18.25	27.0
M359445		2.55	0.121	35.2	7.00	92.8	2940	1.49	0.91	3.45	4.71	48.4	9.7	7	16.00	49.3
M359446		6.80	0.008	0.66	6.98	46.0	1940	1.34	0.48	2.64	0.14	38.2	10.3	8	18.55	67.5
M359447		<0.02	0.006	0.56	7.16	42.3	1940	1.34	0.47	2.70	0.17	41.4	10.4	8	19.45	70.4
M359448		3.13	0.005	0.44	7.28	55.2	2090	1.58	0.46	3.06	0.30	44.5	9.2	10	11.05	50.2
M359449		4.86	0.483	82.5	6.34	632	1400	1.56	3.44	2.66	19.85	49.5	11.9	5	18.10	168.0
M359450		2.10	<0.005	0.44	0.06	<5	30	0.07	0.04	22.5	0.08	1.25	0.6	<1	0.19	1.8
M359451		5.72	0.007	1.15	7.07	173.0	1380	1.18	1.30	2.53	5.32	45.0	11.8	9	11.65	75.5
M359452		3.41	0.037	6.85	7.02	238	1820	1.54	0.99	2.46	29.1	47.1	15.1	9	15.30	87.8
M359453		4.38	<0.005	0.62	7.21	29.9	2050	1.53	0.77	2.47	0.20	57.2	10.3	9	10.60	71.4
M359454		2.00	0.021	1.07	6.77	66.2	1930	1.35	1.05	3.08	0.28	40.2	9.7	10	10.35	223
M359455		2.82	<0.005	0.56	7.11	39.6	2190	1.34	0.34	2.77	2.80	48.0	8.3	9	11.35	52.3
M359456		4.49	0.006	0.65	6.96	17.5	1980	1.31	0.42	2.69	0.20	39.8	6.2	9	11.90	78.1
M359457		5.07	0.011	1.01	6.95	28.2	2220	1.43	0.74	2.57	0.26	40.3	8.0	8	13.15	204
M359458		0.26	2.32	25.7	5.67	2720	1410	1.20	20.1	2.22	81.6	45.9	10.3	17	14.50	432
M359459		3.79	0.006	0.81	7.47	89.6	1830	1.42	0.48	2.15	3.62	47.8	8.9	8	13.75	58.3
M359460		4.05	0.026	1.92	7.60	182.5	1620	1.29	0.38	1.77	3.59	50.9	8.7	7	14.85	56.9
M359461		5.45	<0.005	0.55	6.99	144.5	2210	1.59	1.47	2.71	0.82	42.7	8.5	10	14.00	40.3
M359462		2.74	0.037	6.07	6.63	212	2550	1.46	0.61	2.45	20.2	41.4	7.0	7	14.00	36.2
M359463		3.21	<0.005	0.16	0.06	<5	20	0.06	0.02	20.5	0.13	1.11	0.5	<1	0.15	2.3
M359464		3.04	0.035	1.32	7.03	113.0	1330	1.53	0.70	2.23	1.70	51.6	7.8	7	14.60	34.9
M359465		2.40	<0.005	0.21	6.94	32.4	2250	1.41	0.44	2.79	0.16	43.3	7.7	8	13.10	35.4
M359466		3.07	0.007	2.71	6.47	25.5	1860	1.26	0.34	3.15	1.62	40.9	7.1	8	16.10	39.7
M359467		5.91	<0.005	0.29	7.58	19.7	2310	1.54	0.38	2.72	0.15	49.9	7.9	9	11.40	32.8
M359468		3.30	<0.005	0.16	6.81	22.1	2080	1.53	0.36	2.99	0.14	41.2	8.3	9	11.75	20.9
M359469		2.75	<0.005	0.24	6.96	19.3	1800	1.33	0.46	2.68	0.16	42.5	8.3	8	9.08	26.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12206362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359434		2.91	15.35	0.14	1.2	0.039	2.70	21.2	16.0	0.70	507	2.49	2.21	7.2	2.7	630
M359435		3.50	17.45	0.12	1.2	0.124	2.51	16.4	83.0	0.40	870	5.69	0.20	7.9	2.7	670
M359436		3.09	15.90	0.13	1.0	0.081	2.39	17.8	129.0	0.50	1110	6.49	0.19	6.8	2.8	570
M359437		2.89	17.00	0.11	1.2	0.054	2.60	22.8	18.1	0.80	536	5.64	2.38	8.0	2.7	630
M359438		2.93	16.45	0.11	1.3	0.074	2.71	22.4	15.6	0.82	552	6.10	2.42	7.8	2.7	600
M359439		2.98	16.65	0.10	1.4	0.041	2.57	26.6	16.7	0.82	678	2.80	2.31	7.9	2.5	620
M359440		3.11	16.80	0.09	1.4	0.036	2.62	22.0	27.0	0.86	574	2.64	2.34	8.1	2.9	620
M359441		6.59	14.90	0.10	1.0	1.620	2.79	23.8	26.2	0.93	1950	13.05	0.04	6.0	15.4	440
M359442		3.12	17.45	0.11	1.3	0.046	2.61	24.2	28.9	0.97	523	1.06	2.56	8.4	2.6	650
M359443		3.17	18.55	0.10	1.3	0.047	2.62	21.7	23.5	0.79	541	1.25	2.47	8.7	2.9	660
M359444		3.01	17.65	0.11	1.1	0.082	2.69	20.5	16.5	0.64	566	1.87	2.10	8.1	2.7	660
M359445		2.99	15.75	0.10	1.2	0.067	2.05	23.6	142.0	0.88	1340	2.06	0.08	7.4	3.0	590
M359446		2.96	16.40	0.11	1.1	0.066	2.51	17.8	24.1	0.68	698	1.30	1.32	7.7	2.4	630
M359447		3.03	16.90	0.11	1.1	0.072	2.56	19.4	25.0	0.71	718	1.89	1.32	7.7	2.4	640
M359448		3.22	18.05	0.10	1.3	0.054	2.57	20.2	23.4	0.81	995	0.98	2.05	8.7	3.3	700
M359449		5.90	14.95	0.12	1.4	0.156	2.46	23.3	40.4	0.91	3200	3.55	0.03	6.8	2.6	500
M359450		0.48	0.22	0.07	<0.1	0.009	0.02	0.6	1.3	13.45	207	0.23	0.01	0.2	1.5	190
M359451		3.13	15.55	0.11	1.5	0.041	2.77	20.7	37.3	0.64	768	10.65	0.61	7.8	2.1	600
M359452		3.00	15.80	0.11	1.5	0.063	3.18	22.1	13.2	0.68	1350	7.80	1.52	7.5	2.0	520
M359453		2.62	16.50	0.12	1.4	0.045	2.84	27.3	17.1	0.73	459	4.18	2.23	8.0	2.2	560
M359454		2.91	14.90	0.13	1.5	0.079	2.75	18.7	15.4	0.69	582	4.93	2.13	7.4	3.2	540
M359455		3.03	15.90	0.10	1.6	0.039	2.83	21.9	19.2	0.91	662	2.94	2.34	7.8	2.4	600
M359456		2.86	16.40	0.12	1.3	0.091	2.96	19.2	15.3	0.76	636	4.25	2.35	7.9	2.1	560
M359457		2.96	16.65	0.08	1.1	0.074	2.85	19.1	16.2	0.70	662	19.05	1.98	7.6	2.4	610
M359458		6.57	14.45	0.11	1.0	1.545	2.66	22.9	25.1	0.90	1860	12.55	0.04	5.7	15.1	430
M359459		3.09	16.85	0.11	1.4	0.042	2.56	22.1	28.8	0.67	612	4.39	0.86	8.3	2.8	650
M359460		3.37	16.75	0.11	1.3	0.033	2.67	25.4	47.7	0.69	809	54.2	0.13	8.1	2.9	690
M359461		3.14	16.95	0.11	1.2	0.036	2.61	20.1	22.4	0.75	610	17.85	2.07	7.9	2.6	610
M359462		3.65	16.25	0.10	1.1	0.034	2.56	18.8	39.7	0.85	1220	5.34	0.86	7.3	2.3	560
M359463		0.44	0.19	0.09	<0.1	0.009	0.02	0.5	1.2	12.20	189	0.18	0.01	0.2	1.4	190
M359464		3.11	16.55	0.13	1.2	0.036	2.70	22.7	106.0	0.70	994	7.03	0.47	7.9	2.5	590
M359465		2.83	15.70	0.11	1.2	0.034	2.56	20.1	15.5	0.72	524	1.03	2.13	7.4	2.4	560
M359466		3.34	15.20	0.10	1.1	0.083	3.00	18.8	13.5	0.83	3500	1.07	0.95	6.8	2.2	550
M359467		3.10	17.45	0.13	1.3	0.055	2.79	24.2	17.9	0.87	580	1.30	2.44	8.1	2.7	640
M359468		3.12	17.30	0.11	1.3	0.049	2.57	18.4	22.5	0.83	648	2.25	2.32	8.2	2.7	640
M359469		3.06	16.60	0.10	1.2	0.107	2.54	18.3	20.7	0.65	750	3.27	1.71	7.8	2.3	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12206362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359434		13.6	108.5	0.002	0.09	2.89	10.3	1	2.9	364	0.64	0.06	11.9	0.273	1.46	2.2
M359435		12.1	105.5	<0.002	0.15	22.9	11.2	1	3.9	115.5	0.69	0.26	10.1	0.286	1.48	3.0
M359436		20.3	103.5	0.002	0.28	27.1	9.8	1	2.9	141.0	0.54	0.26	9.5	0.252	1.68	3.6
M359437		14.6	109.5	<0.002	0.11	2.55	11.5	1	3.2	386	0.63	0.13	11.5	0.272	1.33	2.0
M359438		15.9	98.8	<0.002	0.13	2.41	11.0	<1	3.3	387	0.63	0.06	12.8	0.270	1.28	2.5
M359439		19.9	103.5	<0.002	0.13	2.26	12.2	<1	3.7	388	0.65	<0.05	12.7	0.276	1.30	2.5
M359440		17.4	90.9	0.002	0.13	2.05	11.5	1	3.7	416	0.68	<0.05	11.5	0.274	1.29	2.4
M359441		2890	164.5	<0.002	4.80	92.1	8.9	1	8.4	101.5	0.48	0.42	10.8	0.191	2.40	5.1
M359442		17.6	114.0	<0.002	0.21	1.34	12.4	1	4.6	465	0.67	<0.05	12.0	0.285	1.37	3.6
M359443		17.1	101.5	<0.002	0.25	2.39	12.8	1	5.3	416	0.69	<0.05	10.7	0.290	1.42	3.3
M359444		15.2	112.5	<0.002	0.38	6.27	11.7	<1	5.2	360	0.65	0.17	11.0	0.282	1.72	3.3
M359445		844	89.8	<0.002	0.74	46.7	10.6	<1	4.1	186.5	0.57	0.23	10.8	0.252	1.66	6.7
M359446		15.3	91.5	<0.002	0.52	11.45	11.0	<1	4.1	263	0.63	0.08	9.0	0.278	1.78	3.5
M359447		18.3	101.0	<0.002	0.53	11.30	11.2	<1	4.0	262	0.63	0.07	9.9	0.281	1.82	3.8
M359448		27.5	89.7	0.002	0.48	5.51	12.7	<1	4.3	393	0.70	0.05	9.8	0.299	1.62	4.2
M359449		891	154.0	<0.002	4.46	127.5	9.5	1	3.7	154.5	0.57	0.37	11.8	0.211	2.55	4.9
M359450		2.7	1.3	<0.002	<0.01	0.24	0.2	<1	0.2	53.6	<0.05	<0.05	0.2	<0.005	0.03	0.8
M359451		29.7	99.1	<0.002	0.61	15.65	9.9	<1	2.6	164.0	0.74	<0.05	12.5	0.254	2.28	4.0
M359452		811	149.0	<0.002	0.73	11.10	9.5	1	2.7	244	0.72	0.07	13.6	0.233	2.52	3.6
M359453		18.5	128.5	<0.002	0.42	2.14	10.6	<1	3.1	361	0.70	<0.05	14.7	0.236	1.86	4.6
M359454		20.9	111.5	<0.002	0.57	2.75	10.0	1	3.2	346	0.70	0.09	12.2	0.235	1.86	4.1
M359455		44.0	109.0	<0.002	0.35	1.98	11.7	1	3.6	380	0.69	<0.05	13.2	0.272	1.59	3.8
M359456		17.5	121.0	<0.002	0.31	3.01	10.5	1	3.6	294	0.66	0.06	11.4	0.248	1.83	3.7
M359457		16.6	120.0	0.002	0.51	6.58	11.2	1	3.1	269	0.59	0.17	10.6	0.261	2.00	4.2
M359458		2820	160.0	0.002	4.69	93.0	8.5	1	8.2	97.0	0.48	0.37	10.4	0.182	2.39	5.2
M359459		27.8	97.8	<0.002	0.40	11.85	11.9	1	2.6	200	0.70	<0.05	12.1	0.278	1.77	4.3
M359460		48.6	127.5	0.005	0.83	32.8	11.9	1	3.2	113.5	0.64	<0.05	12.6	0.275	2.51	8.0
M359461		29.4	108.0	<0.002	0.34	4.93	11.3	1	3.2	371	0.65	<0.05	11.0	0.265	1.85	3.8
M359462		973	97.6	0.002	0.54	16.05	10.5	<1	4.0	207	0.62	<0.05	10.8	0.247	2.00	3.6
M359463		2.4	1.1	<0.002	<0.01	0.12	0.2	<1	0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.04	0.6
M359464		81.1	116.5	<0.002	0.45	22.2	11.2	1	3.8	169.0	0.63	<0.05	11.6	0.251	1.99	4.3
M359465		16.8	97.9	<0.002	0.31	1.98	10.3	<1	3.5	374	0.62	<0.05	10.5	0.250	1.57	3.2
M359466		91.2	132.5	<0.002	0.52	7.28	9.8	<1	3.4	223	0.58	<0.05	10.4	0.239	2.31	3.7
M359467		16.2	124.5	<0.002	0.29	2.08	12.4	<1	3.8	417	0.63	<0.05	12.4	0.278	1.68	3.8
M359468		16.4	88.4	<0.002	0.25	1.87	11.4	1	3.9	414	0.69	<0.05	10.0	0.282	1.55	3.2
M359469		13.7	101.0	<0.002	0.27	7.03	11.0	1	3.6	263	0.65	<0.05	10.9	0.266	1.67	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12206362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359434		73	1.7	13.8	44	30.8	<1
M359435		79	5.2	13.6	64	32.6	<1
M359436		68	5.5	12.2	53	28.9	<1
M359437		74	1.7	17.2	44	36.9	<1
M359438		74	1.4	15.9	49	35.0	<1
M359439		76	2.7	18.4	45	35.8	<1
M359440		76	2.0	17.1	42	41.5	<1
M359441		58	5.0	10.0	5690	25.8	25
M359442		77	1.8	18.7	44	35.6	<1
M359443		80	1.9	18.1	48	36.7	<1
M359444		76	2.4	15.8	49	30.3	<1
M359445		70	3.3	16.4	372	34.3	35
M359446		75	2.5	15.0	49	30.1	<1
M359447		77	2.6	15.7	51	29.8	<1
M359448		86	2.8	17.6	68	38.9	<1
M359449		56	6.3	14.2	1610	45.0	79
M359450		2	0.1	0.8	15	0.5	<1
M359451		69	3.9	13.0	335	44.0	<1
M359452		61	3.1	13.5	1730	42.8	6
M359453		62	2.4	17.3	45	45.8	<1
M359454		66	2.0	15.9	55	42.6	<1
M359455		80	10.6	17.8	209	45.0	<1
M359456		69	3.0	16.0	52	40.9	<1
M359457		71	3.5	14.3	59	33.1	1
M359458		56	5.0	9.7	5370	25.2	24
M359459		78	6.8	17.2	243	38.9	<1
M359460		77	4.5	16.6	277	37.9	1
M359461		73	3.2	16.5	81	38.6	<1
M359462		68	5.1	14.0	1240	30.0	7
M359463		2	0.1	0.8	16	<0.5	<1
M359464		69	5.6	15.6	138	37.3	<1
M359465		67	2.1	14.9	43	36.8	<1
M359466		65	2.8	13.5	122	31.7	2
M359467		75	1.4	17.4	45	36.5	<1
M359468		78	1.5	17.1	48	37.2	<1
M359469		75	2.0	16.2	46	34.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12206362

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206363

Project: Klaza-118B

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

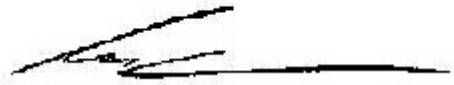
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206363

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354194		5.04	<0.005	0.17	6.23	7.8	1270	1.13	0.56	8.45	0.16	58.3	9.2	11	16.65	58.1
M354195		2.83	<0.005	0.01	0.14	6	30	0.10	0.02	20.3	0.05	1.13	1.2	<1	1.65	2.0
M354196		5.12	<0.005	0.07	6.35	18	540	0.99	0.46	12.75	0.15	53.9	9.9	43	28.9	3.2
M354197		6.19	<0.005	0.13	7.91	14.9	830	1.09	1.76	3.26	0.05	32.7	9.9	32	11.50	2.5
M354198		6.70	<0.005	0.11	8.43	11.9	1810	1.24	0.50	5.21	0.08	48.9	17.7	78	11.90	4.7
M354199		6.70	<0.005	0.09	7.70	8.8	2090	1.43	0.29	4.43	0.07	36.5	12.9	65	14.50	10.1
M354200		5.84	<0.005	0.14	8.33	26.7	2300	1.40	0.69	4.61	0.06	48.1	110.5	79	9.60	4.8
M354201		7.58	<0.005	0.08	7.48	6.3	1950	1.65	0.55	2.52	0.07	48.3	12.9	11	5.96	3.7
M354202		8.06	<0.005	0.04	7.48	3.8	2030	1.75	0.11	2.56	0.06	50.4	9.5	13	5.73	4.2
M354203		0.26	0.783	9.68	6.84	1490	290	1.62	6.03	1.86	42.8	48.4	17.4	20	17.10	109.5
M354204		6.31	<0.005	0.08	7.79	4.7	2130	1.74	0.13	2.64	0.09	54.9	7.9	11	5.72	4.8
M354205		2.60	<0.005	0.08	7.35	7.3	1920	1.81	0.41	3.25	0.09	48.5	11.4	11	6.09	5.0
M354206		2.26	<0.005	0.12	8.27	13.2	2060	1.33	0.65	4.65	0.05	50.4	26.0	72	5.58	7.5
M354207		2.20	<0.005	0.05	7.66	4.7	2040	1.94	0.16	2.77	0.06	55.4	8.1	13	4.77	4.2
M354208		7.87	<0.005	0.06	7.66	3.9	2050	1.80	0.08	2.76	0.08	53.5	8.1	11	5.18	6.8
M354209		7.28	<0.005	0.06	7.74	4.9	2120	1.90	0.09	2.66	0.08	56.7	11.1	14	4.35	7.4
M354210		7.64	<0.005	0.09	7.63	4.3	2070	1.88	0.12	2.80	0.08	57.3	8.9	12	5.20	15.7
M354211		7.43	<0.005	0.09	7.65	4.1	2240	1.82	0.10	2.84	0.08	54.5	8.4	18	4.29	6.5
M354212		<0.02	<0.005	0.05	7.58	3.5	2240	1.89	0.10	2.82	0.07	53.1	8.3	11	4.22	5.9
M354213		7.42	<0.005	0.10	7.65	3.3	2160	1.77	0.19	3.05	0.07	51.1	8.2	13	4.63	14.0
M354214		8.40	<0.005	0.09	7.72	2.6	2270	1.81	0.07	2.73	0.07	54.0	8.0	11	4.77	6.9
M354215		0.26	2.20	26.1	6.07	2820	320	1.50	18.40	2.22	81.1	49.0	11.3	19	15.80	447
M354216		9.03	<0.005	0.15	7.71	4.9	2360	1.79	0.66	2.88	0.12	50.3	9.0	11	5.58	13.3
M354217		8.08	<0.005	0.07	7.76	2.7	2480	1.84	0.08	2.90	0.08	53.1	7.8	11	5.95	6.9
M354218		6.43	<0.005	0.06	7.72	3.1	2190	1.93	0.10	2.55	0.09	52.3	7.5	14	5.22	5.2
M354219		2.25	<0.005	0.45	7.48	14.7	1960	1.97	0.88	2.73	0.10	49.3	11.9	10	8.11	21.5
M354220		3.27	<0.005	0.01	0.06	<5	20	0.05	0.02	20.6	0.07	1.24	1.1	<1	0.12	1.5
M354221		6.33	<0.005	0.11	7.44	4.1	2130	1.83	0.15	2.59	0.10	51.0	6.9	12	5.77	7.0
M354222		3.52	<0.005	0.07	7.65	2.8	2550	1.92	0.07	2.61	0.07	47.2	6.8	12	4.87	3.7
M354223		2.26	<0.005	0.15	7.17	6.4	2450	1.73	0.40	3.19	0.09	47.7	7.4	8	11.50	11.9
M354224		4.80	<0.005	0.07	7.53	2.6	2360	1.75	0.07	2.56	0.06	52.8	8.2	11	7.97	4.2
M354225		4.13	<0.005	0.06	7.34	2.9	2310	1.71	0.04	2.36	0.07	54.8	7.7	10	6.91	4.5
M354226		1.94	<0.005	0.06	7.44	2.6	2320	1.72	0.04	2.46	0.05	53.8	7.8	10	7.38	4.6
M354227		7.76	<0.005	0.06	7.81	3.5	2370	1.79	0.08	2.58	0.06	57.8	8.4	12	5.69	4.0
M354228		9.09	<0.005	0.06	7.60	3.3	2330	1.69	0.07	2.56	0.07	53.1	8.7	13	4.66	6.0
M354229		2.78	<0.005	0.15	7.14	9.7	2010	1.60	0.18	3.08	0.07	47.2	10.5	10	8.13	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354194		2.79	15.00	0.11	1.2	0.050	2.13	33.4	12.7	0.75	1200	10.90	0.73	7.4	4.4	550
M354195		0.48	0.51	0.13	<0.1	<0.005	0.09	0.6	2.2	13.00	217	0.22	0.01	0.8	2.5	200
M354196		4.11	13.90	0.15	1.5	0.064	1.68	32.1	15.5	1.01	2190	0.53	1.07	5.6	11.2	1000
M354197		5.92	18.15	0.18	1.3	0.174	1.85	15.9	21.2	2.31	987	0.62	2.33	8.1	12.5	1320
M354198		5.86	17.15	0.19	1.9	0.095	2.49	25.7	16.6	2.56	1150	0.55	2.09	7.3	23.6	1390
M354199		4.75	16.60	0.16	1.8	0.062	2.59	18.9	15.5	1.77	837	0.51	1.82	7.4	18.1	1070
M354200		6.56	16.20	0.18	2.0	0.075	2.40	24.8	16.7	2.76	1090	0.69	1.96	7.2	23.7	1320
M354201		2.96	16.20	0.15	1.3	0.051	2.79	23.9	13.0	0.90	560	1.41	2.22	8.3	3.8	580
M354202		2.99	17.00	0.18	1.3	0.033	2.65	25.0	14.9	0.92	598	0.86	2.25	8.8	2.8	600
M354203		5.44	15.80	0.20	1.4	0.943	2.88	24.9	30.3	0.71	2000	12.85	0.27	8.3	15.9	500
M354204		3.05	17.65	0.16	1.6	0.034	2.69	27.7	15.2	0.95	613	0.89	2.40	9.2	2.7	610
M354205		3.20	16.90	0.17	1.6	0.045	2.54	23.2	13.1	0.91	705	1.74	2.24	9.3	3.7	630
M354206		5.56	17.55	0.19	2.2	0.070	2.18	25.7	16.3	2.83	1330	4.44	2.41	7.6	22.0	1230
M354207		3.07	16.85	0.16	1.6	0.038	2.60	28.0	13.4	0.97	612	1.36	2.30	9.0	4.1	630
M354208		3.11	17.40	0.17	1.5	0.042	2.62	26.3	14.8	0.94	659	1.22	2.38	9.1	2.9	650
M354209		3.12	17.30	0.17	1.4	0.041	2.60	29.0	14.3	0.90	615	1.08	2.37	9.1	2.8	630
M354210		3.02	16.85	0.17	1.4	0.043	2.61	28.7	14.4	0.84	648	0.98	2.29	9.1	2.6	620
M354211		3.18	17.50	0.17	1.2	0.045	2.45	27.2	14.5	0.90	681	1.28	2.45	9.2	3.1	630
M354212		3.13	17.00	0.16	1.1	0.043	2.43	26.8	14.2	0.90	669	1.35	2.41	9.0	2.8	630
M354213		3.25	17.60	0.16	1.0	0.042	2.44	24.5	16.4	0.86	709	1.77	2.41	9.2	3.3	640
M354214		3.10	17.25	0.17	1.1	0.040	2.45	26.3	16.1	0.86	641	1.60	2.38	9.0	4.0	640
M354215		6.87	14.45	0.21	1.0	1.775	2.66	26.3	30.0	0.92	1940	13.75	0.04	6.5	16.1	450
M354216		3.21	17.40	0.18	1.0	0.048	2.34	24.9	18.1	0.82	624	1.23	2.36	8.9	3.2	650
M354217		3.13	17.45	0.18	1.2	0.039	2.28	27.0	20.3	0.83	613	2.97	2.43	9.3	3.0	630
M354218		3.04	16.95	0.18	1.2	0.038	2.45	27.5	17.5	0.87	598	3.13	2.38	9.0	2.8	620
M354219		3.25	16.75	0.17	1.6	0.064	2.75	24.2	14.5	0.79	688	2.21	1.85	9.6	3.1	580
M354220		0.48	0.28	0.15	<0.1	0.005	0.02	0.6	1.0	13.10	200	0.12	0.01	0.2	2.8	190
M354221		2.97	17.00	0.13	1.3	0.048	2.51	25.4	17.2	0.84	596	2.11	2.39	9.2	2.6	590
M354222		3.09	17.20	0.17	1.3	0.039	2.35	23.1	17.7	0.84	601	1.54	2.46	9.5	2.6	630
M354223		2.81	16.45	0.17	1.0	0.054	2.56	23.1	14.5	0.60	623	1.36	2.21	8.3	2.4	570
M354224		3.02	17.00	0.17	0.9	0.038	2.42	26.9	17.3	0.77	596	0.96	2.34	8.5	3.0	600
M354225		2.84	16.35	0.17	1.0	0.032	2.47	28.8	18.5	0.84	604	1.40	2.27	8.3	2.6	580
M354226		2.95	16.65	0.19	1.0	0.033	2.48	28.0	19.1	0.86	633	0.91	2.30	8.8	2.8	590
M354227		3.12	17.15	0.19	1.2	0.042	2.65	29.5	18.3	0.92	648	0.96	2.40	9.0	2.9	620
M354228		3.04	16.45	0.18	0.9	0.044	2.55	27.9	13.2	0.84	704	0.58	2.21	8.6	3.0	600
M354229		3.11	15.70	0.16	0.9	0.070	2.50	24.4	16.7	0.82	888	0.77	1.76	7.9	2.9	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354194		18.4	112.5	0.002	0.08	6.61	13.5	1	1.3	432	0.58	<0.05	12.4	0.231	1.22	8.5
M354195		1.4	8.0	<0.002	<0.01	<0.05	0.4	1	0.2	41.2	0.08	<0.05	0.3	0.005	0.05	2.2
M354196		18.3	112.0	<0.002	0.04	5.95	20.0	1	0.9	498	0.37	<0.05	5.9	0.331	1.41	5.6
M354197		8.2	71.0	<0.002	0.05	11.20	18.0	1	1.3	324	0.50	<0.05	5.7	0.437	1.35	2.5
M354198		12.3	140.0	<0.002	0.06	5.44	24.3	1	1.1	603	0.44	<0.05	7.4	0.459	1.84	5.0
M354199		12.1	92.5	<0.002	0.02	4.91	18.8	1	1.3	541	0.50	<0.05	8.6	0.386	1.51	5.2
M354200		10.0	132.0	<0.002	0.49	5.46	24.4	2	1.2	573	0.45	0.05	8.0	0.452	1.69	3.6
M354201		14.9	118.5	<0.002	0.06	3.11	10.9	1	1.6	420	0.77	<0.05	13.6	0.259	1.43	3.8
M354202		16.3	103.5	<0.002	0.02	1.32	11.5	1	1.5	391	0.73	<0.05	14.7	0.263	1.02	4.1
M354203		1390	161.0	<0.002	3.15	34.1	9.5	2	6.1	151.5	0.65	0.27	11.6	0.214	2.54	5.3
M354204		17.6	104.0	<0.002	0.02	1.21	11.6	1	1.6	416	0.86	<0.05	16.0	0.273	1.04	5.4
M354205		15.7	99.0	<0.002	0.09	2.04	12.0	1	1.7	413	0.84	<0.05	11.6	0.276	1.09	4.3
M354206		10.3	99.8	0.002	0.17	5.38	22.9	1	1.5	580	0.50	<0.05	8.3	0.440	1.35	4.1
M354207		15.3	103.5	<0.002	0.02	1.53	12.3	1	1.6	429	0.79	<0.05	14.2	0.275	1.04	4.4
M354208		15.6	103.5	<0.002	0.03	1.38	12.6	1	1.8	407	0.77	<0.05	13.8	0.281	0.98	4.0
M354209		16.5	104.0	<0.002	0.03	1.24	12.3	1	1.6	418	0.77	<0.05	15.9	0.274	1.01	4.7
M354210		16.5	103.0	<0.002	0.05	1.26	11.9	1	1.6	382	0.77	<0.05	15.0	0.267	0.99	4.4
M354211		15.3	93.5	<0.002	0.02	1.23	12.4	1	1.6	428	0.72	<0.05	14.0	0.277	0.95	4.0
M354212		14.9	92.2	<0.002	0.02	1.18	12.1	1	1.6	420	0.71	<0.05	13.8	0.277	0.94	3.8
M354213		16.3	85.0	<0.002	0.02	1.33	12.3	1	1.6	421	0.63	<0.05	13.6	0.282	0.95	3.3
M354214		15.9	87.0	<0.002	0.01	0.93	12.2	1	1.5	424	0.60	<0.05	13.9	0.276	0.86	3.3
M354215		2910	159.5	<0.002	4.88	91.5	8.5	2	8.2	90.4	0.51	0.38	10.1	0.188	2.37	5.3
M354216		18.2	89.4	<0.002	0.04	1.71	12.4	1	1.5	431	0.62	<0.05	12.9	0.280	0.89	3.6
M354217		16.1	93.4	<0.002	0.01	1.68	12.1	1	1.5	456	0.69	<0.05	13.8	0.271	0.87	3.8
M354218		16.5	104.0	<0.002	0.01	1.20	11.9	1	1.5	407	0.75	<0.05	13.7	0.272	0.93	4.4
M354219		21.5	116.5	<0.002	0.51	1.88	11.6	1	1.8	306	1.03	0.06	14.3	0.256	1.29	7.7
M354220		1.5	1.0	<0.002	<0.01	<0.05	0.3	2	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M354221		16.8	104.5	<0.002	0.04	1.41	11.0	1	1.6	395	0.76	<0.05	13.0	0.260	1.00	4.4
M354222		15.4	93.2	<0.002	0.01	1.29	11.1	1	1.6	430	0.77	<0.05	10.9	0.268	0.94	4.3
M354223		16.8	97.6	<0.002	0.13	2.94	10.8	1	1.7	367	0.62	<0.05	9.3	0.246	1.11	3.4
M354224		15.2	89.3	<0.002	0.03	1.24	11.8	1	1.5	405	0.56	<0.05	11.0	0.265	0.87	3.4
M354225		14.9	91.9	<0.002	0.01	0.86	11.3	1	1.5	396	0.60	<0.05	12.4	0.252	0.86	3.2
M354226		14.7	95.2	<0.002	0.01	0.85	11.5	1	1.5	405	0.60	<0.05	12.9	0.259	0.87	3.0
M354227		16.0	98.8	<0.002	0.02	0.98	12.4	1	1.5	424	0.61	<0.05	14.2	0.273	0.95	3.4
M354228		14.9	94.2	<0.002	0.03	0.98	11.9	1	1.4	392	0.54	<0.05	11.3	0.262	0.87	3.4
M354229		17.2	88.5	<0.002	0.14	2.82	11.6	1	1.4	333	0.50	<0.05	11.8	0.260	1.03	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206363

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354194		71	2.3	29.7	56	31.4	<1
M354195		3	0.2	0.8	14	<0.5	<1
M354196		128	2.2	35.3	80	54.1	1
M354197		164	3.8	13.9	78	48.3	<1
M354198		184	4.2	19.6	84	74.2	<1
M354199		151	2.5	14.7	62	65.2	<1
M354200		182	3.2	16.9	82	73.8	<1
M354201		70	1.7	15.4	42	31.7	<1
M354202		72	1.6	17.0	46	34.4	<1
M354203		58	5.4	11.5	3040	41.5	10
M354204		74	1.2	18.1	49	40.1	<1
M354205		80	1.9	18.5	48	39.4	<1
M354206		175	2.8	19.0	91	80.2	<1
M354207		78	1.1	18.4	43	40.4	<1
M354208		79	1.0	18.9	48	39.0	<1
M354209		75	0.9	18.2	47	36.8	<1
M354210		74	0.9	17.7	50	37.2	<1
M354211		76	1.3	18.0	50	30.3	<1
M354212		75	1.2	17.4	50	27.6	<1
M354213		77	1.4	17.9	53	24.9	<1
M354214		74	1.0	17.8	51	27.4	<1
M354215		57	5.2	10.0	5650	27.3	26
M354216		76	1.3	16.9	54	24.5	<1
M354217		74	1.6	17.6	53	29.4	<1
M354218		73	2.4	16.7	47	29.8	<1
M354219		69	2.5	17.1	46	37.5	1
M354220		2	0.1	0.8	14	<0.5	<1
M354221		70	2.3	17.0	45	32.9	<1
M354222		74	1.9	16.9	45	31.6	<1
M354223		65	1.8	15.2	43	25.4	<1
M354224		72	1.2	15.1	46	24.9	<1
M354225		68	1.6	16.2	46	24.7	<1
M354226		70	1.5	16.5	47	26.8	<1
M354227		74	1.7	18.2	46	31.4	<1
M354228		70	1.0	16.8	47	23.4	<1
M354229		71	1.3	14.6	47	22.6	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206363

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206364

Project: Klaza-118B

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

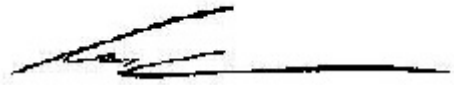
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206364

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354230		5.42	<0.005	0.05	6.81	4.1	2160	1.33	0.09	2.66	0.09	45.0	7.0	14	7.23	9.0
M354231		8.57	<0.005	0.06	7.28	6.8	2130	1.47	0.19	2.67	0.10	50.7	5.9	14	7.37	5.0
M354232		0.26	2.25	26.1	5.61	3180	1590	1.36	19.80	2.22	80.6	48.0	10.5	18	15.00	417
M354233		3.21	<0.005	0.34	6.92	10.0	2150	1.63	0.20	2.50	0.18	45.4	4.1	12	13.45	3.3
M354234		5.05	<0.005	0.12	6.27	7.3	2010	1.28	0.15	3.43	0.14	36.1	5.1	10	14.90	4.0
M354235		4.62	<0.005	0.21	6.91	14.9	1580	1.45	0.23	2.71	0.21	45.1	4.5	10	20.5	12.2
M354236		2.55	<0.005	0.09	7.18	6.5	2110	1.59	0.15	2.41	0.09	47.5	6.7	11	10.45	3.0
M354237		6.32	<0.005	0.12	6.85	7.1	2050	1.54	0.12	2.54	0.19	43.6	6.6	12	9.15	9.5
M354238		<0.02	<0.005	0.11	6.95	6.3	2080	1.68	0.13	2.59	0.12	52.8	7.2	12	10.10	10.0
M354239		6.64	<0.005	0.04	6.72	4.3	2120	1.45	0.10	2.58	0.06	42.7	6.0	13	7.50	3.7
M354240		2.43	0.153	1.44	6.56	502	1420	1.55	0.31	4.13	6.88	52.8	12.4	9	18.80	8.8
M354241		1.52	<0.005	0.10	0.13	<5	20	0.05	0.02	21.2	0.06	1.34	0.6	<1	0.14	2.1
M354242		3.25	0.007	0.26	7.05	33.8	1960	1.67	0.08	2.87	0.85	45.3	6.8	10	16.00	6.0
M354243		1.88	0.054	0.96	6.42	59.0	1180	1.53	0.84	3.51	3.99	52.4	29.2	9	19.35	15.8
M354244		6.43	<0.005	0.10	6.73	7.7	2090	1.56	0.08	2.66	0.10	41.3	6.4	10	18.90	3.7
M354245		1.83	<0.005	0.07	6.84	6.1	2380	1.39	0.08	2.91	0.08	48.4	6.9	10	13.00	7.8
M354246		4.85	<0.005	0.05	7.02	6.3	2170	1.45	0.06	2.89	0.09	41.8	7.1	12	13.65	6.4
M354247		0.26	4.49	>100	5.22	7610	390	1.11	67.2	2.00	221	36.5	9.1	17	12.15	1220
M354248		2.57	<0.005	0.28	6.88	8.7	2130	1.36	0.10	2.52	0.23	42.5	6.8	14	8.62	6.3
M354249		2.37	0.005	0.34	6.72	15.6	1790	1.38	0.93	2.27	0.09	36.8	6.2	11	13.15	47.5
M354250		2.94	<0.005	0.11	6.82	6.0	1950	1.34	0.11	2.46	0.09	43.5	6.5	11	13.35	5.2
M354251		3.88	0.005	0.15	6.72	11.0	1910	1.42	0.11	2.72	0.15	42.2	6.3	11	15.30	5.3
M354252		3.58	<0.005	0.08	7.08	6.1	2270	1.54	0.08	2.63	0.10	41.9	7.5	12	10.50	5.6
M354253		2.08	<0.005	0.07	6.63	9.2	2060	1.64	0.08	3.07	0.17	33.8	7.0	12	19.25	7.2
M354254		3.73	0.020	2.55	6.74	155.0	990	1.65	0.63	2.59	14.05	44.4	10.2	9	19.10	20.4
M354255		3.96	<0.005	0.27	6.79	7.2	1850	1.25	0.12	2.80	1.78	41.8	6.8	11	13.05	5.1
M354256		2.41	0.788	9.24	6.60	3200	550	1.52	2.21	1.85	79.5	51.4	6.4	11	13.50	151.0
M354257		5.26	0.832	15.25	4.37	2240	350	0.91	3.12	5.88	131.5	33.4	8.3	6	8.20	106.0
M354258		2.55	0.617	69.6	4.76	1615	550	1.21	22.0	2.87	24.3	44.6	28.4	9	17.65	3270
M354259		6.11	0.010	1.11	6.72	51.0	1540	1.96	0.30	2.91	0.44	58.5	6.5	16	20.5	24.9
M354260		3.80	1.845	>100	2.69	4400	1040	0.66	179.5	1.07	21.3	15.80	71.3	9	5.05	3160
M354261		2.73	<0.005	0.24	0.04	6	20	0.06	0.20	20.7	0.10	1.02	0.6	<1	0.13	7.5
M354262		2.43	0.008	0.54	6.64	25.6	2250	1.78	0.90	2.63	1.21	39.4	10.4	11	11.30	15.8
M354263		6.84	0.010	1.17	6.89	32.2	2090	1.71	1.35	2.67	0.95	39.6	6.1	11	10.65	38.6
M354264		2.72	<0.005	0.28	6.90	7.1	2100	1.77	0.16	2.61	0.67	46.6	6.5	10	11.25	17.8
M354265		2.59	0.006	0.27	6.39	62.0	1920	1.65	0.18	2.86	1.62	42.4	5.7	10	17.60	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354230		2.90	15.65	0.16	1.0	0.042	2.42	21.8	12.7	0.81	641	2.00	2.17	7.2	3.9	590
M354231		2.97	16.25	0.16	1.0	0.063	2.51	27.6	12.4	0.84	644	4.86	2.46	7.4	3.5	610
M354232		6.41	14.75	0.17	0.9	1.705	2.57	27.7	23.9	0.90	1780	12.00	0.04	5.9	16.4	430
M354233		3.15	17.00	0.14	1.1	0.076	2.50	20.9	13.7	0.70	615	0.98	2.04	8.3	3.3	610
M354234		3.04	15.60	0.18	1.0	0.052	2.30	16.8	19.4	0.82	701	0.49	1.29	7.3	3.3	560
M354235		3.16	15.25	0.17	1.0	0.070	2.46	23.0	19.6	0.81	757	0.49	1.16	7.5	3.3	600
M354236		3.02	16.25	0.15	1.0	0.060	2.63	23.7	12.5	0.76	568	0.88	2.38	7.7	3.8	590
M354237		3.01	15.50	0.16	1.0	0.052	2.68	21.7	13.8	0.84	627	1.73	2.14	7.5	3.2	570
M354238		3.01	17.00	0.17	1.1	0.054	2.71	24.4	15.1	0.85	623	2.05	2.15	8.0	3.4	590
M354239		2.88	15.85	0.16	1.0	0.045	2.65	22.1	11.5	0.78	584	2.26	2.19	7.3	3.1	560
M354240		4.41	15.25	0.19	1.2	0.130	2.74	28.6	30.1	1.18	2200	2.42	0.63	8.6	3.2	530
M354241		0.49	0.31	0.14	<0.1	0.009	0.03	0.7	1.2	13.10	200	0.09	0.03	0.2	1.7	190
M354242		3.38	16.50	0.17	1.4	0.059	2.99	21.8	12.5	0.87	1060	6.83	1.69	8.5	3.3	660
M354243		3.32	14.50	0.17	1.0	0.089	2.87	27.0	19.7	1.12	1500	3.02	0.14	7.3	3.5	520
M354244		2.77	16.90	0.17	1.0	0.047	2.67	19.8	19.2	0.63	520	2.06	1.58	8.0	3.0	590
M354245		3.01	15.95	0.16	1.2	0.057	2.51	23.9	28.7	0.75	690	0.89	0.94	8.2	2.9	610
M354246		3.07	16.50	0.16	1.1	0.054	2.76	20.9	15.7	0.62	605	0.95	1.82	8.0	3.4	620
M354247		7.89	13.40	0.16	1.1	4.80	2.25	17.2	31.6	0.63	2980	14.20	0.08	5.5	14.7	450
M354248		2.79	15.90	0.15	1.0	0.039	2.73	20.6	11.7	0.80	601	0.97	2.28	7.8	3.1	550
M354249		2.91	14.55	0.17	1.1	0.071	2.78	17.2	10.5	0.61	723	0.85	1.52	7.3	3.0	540
M354250		2.83	15.10	0.17	1.1	0.036	2.66	21.1	15.1	0.70	628	0.89	1.40	7.7	2.8	580
M354251		2.99	15.40	0.16	1.1	0.061	2.85	20.3	11.8	0.73	1140	21.0	1.54	7.4	2.8	560
M354252		2.98	16.90	0.16	1.0	0.043	2.87	19.1	11.2	0.80	650	0.93	2.20	7.9	3.5	570
M354253		2.98	16.85	0.15	1.1	0.045	2.98	15.1	13.7	0.83	812	0.93	1.66	8.1	3.2	580
M354254		4.69	16.15	0.18	1.2	0.396	3.07	22.2	12.8	0.90	4320	0.88	0.39	7.8	3.4	560
M354255		3.01	15.40	0.15	1.1	0.083	2.80	20.3	21.1	0.67	930	1.01	0.80	8.0	2.9	590
M354256		5.08	15.20	0.16	1.1	1.055	3.02	28.5	7.6	0.75	3690	1.01	0.03	7.2	3.2	520
M354257		5.89	10.30	0.15	0.7	3.36	1.87	17.8	20.8	1.95	5620	2.29	0.03	4.6	3.2	360
M354258		7.86	12.10	0.16	1.2	0.782	1.77	23.2	30.3	0.86	2130	17.30	0.03	6.3	4.2	450
M354259		2.52	17.55	0.16	3.5	0.038	2.70	28.7	46.3	1.06	747	3.57	0.06	9.7	6.5	1000
M354260		25.5	6.53	0.17	0.5	2.89	1.18	8.1	4.2	0.43	2360	4.24	0.01	2.9	2.1	220
M354261		0.48	0.15	0.10	<0.1	0.009	0.02	0.5	0.9	12.85	190	0.19	<0.01	0.1	1.6	160
M354262		3.07	15.35	0.14	1.2	0.118	3.10	17.3	8.3	0.77	1130	0.57	1.53	7.8	2.7	550
M354263		3.08	15.55	0.17	1.2	0.076	2.80	18.9	9.1	0.74	819	1.37	1.93	7.8	3.1	570
M354264		2.83	16.55	0.18	1.1	0.065	2.85	23.8	8.3	0.73	735	4.07	1.99	8.0	3.0	550
M354265		2.79	15.15	0.17	1.3	0.039	2.96	20.2	13.2	0.75	1280	1.95	1.29	7.8	3.0	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354230		16.0	89.4	0.002	0.02	1.42	10.5	<1	1.4	385	0.51	<0.05	12.7	0.256	0.83	2.8
M354231		14.8	103.0	0.002	0.02	1.62	10.6	1	1.5	405	0.55	<0.05	14.7	0.263	1.01	3.4
M354232		2730	180.0	0.003	4.66	90.9	8.3	1	8.0	98.7	0.48	0.32	12.2	0.177	2.30	5.4
M354233		17.4	112.5	<0.002	0.02	4.62	10.5	1	1.6	336	0.68	<0.05	11.7	0.261	1.13	3.1
M354234		15.2	84.4	<0.002	0.04	8.23	9.2	1	1.4	273	0.59	<0.05	10.3	0.248	1.04	2.6
M354235		12.6	110.0	0.003	0.10	7.77	10.2	1	1.6	216	0.63	<0.05	12.7	0.264	1.52	4.2
M354236		15.3	115.5	<0.002	0.03	2.16	10.0	1	1.7	391	0.66	<0.05	13.3	0.260	1.22	4.0
M354237		17.2	106.5	<0.002	0.03	2.59	9.8	<1	1.6	356	0.66	<0.05	13.1	0.264	1.07	3.4
M354238		16.0	117.0	<0.002	0.02	2.63	11.4	1	1.8	364	0.64	<0.05	15.7	0.262	1.14	3.8
M354239		14.9	106.0	<0.002	0.02	1.52	9.8	1	1.6	361	0.53	<0.05	13.0	0.247	0.96	2.9
M354240		328	154.0	0.004	1.80	13.90	14.5	1	2.7	196.5	0.73	<0.05	14.8	0.270	1.95	5.9
M354241		1.8	1.7	0.003	<0.01	0.07	0.2	<1	0.2	57.2	<0.05	<0.05	0.2	<0.005	0.03	0.8
M354242		84.2	129.5	0.004	0.23	6.13	11.8	1	2.1	335	0.85	<0.05	14.4	0.294	1.59	5.0
M354243		106.5	151.5	<0.002	0.77	11.95	9.7	1	2.1	147.0	0.69	0.10	14.5	0.224	2.06	6.8
M354244		15.4	110.0	<0.002	0.03	4.25	9.8	1	1.5	327	0.62	<0.05	11.9	0.256	1.21	3.1
M354245		15.7	92.4	0.002	0.05	9.12	10.4	1	1.7	238	0.68	<0.05	12.3	0.272	1.21	3.1
M354246		17.5	108.5	0.003	0.04	3.03	9.8	<1	1.6	345	0.67	<0.05	12.1	0.266	1.08	3.2
M354247		9380	127.0	0.002	6.94	212	7.6	1	8.8	131.0	0.45	0.39	9.4	0.181	2.11	5.5
M354248		22.0	107.5	<0.002	0.02	1.18	9.6	1	1.5	378	0.67	<0.05	12.3	0.245	0.93	3.7
M354249		17.8	129.5	0.002	0.13	4.62	9.1	1	1.7	238	0.75	0.06	11.8	0.238	1.39	4.4
M354250		16.1	108.5	0.002	0.03	5.51	9.5	1	1.7	274	0.74	<0.05	11.8	0.254	1.05	4.5
M354251		45.7	116.0	0.004	0.10	2.91	9.0	1	1.6	294	0.70	<0.05	12.4	0.242	1.44	3.9
M354252		18.9	121.0	<0.002	0.05	1.03	10.1	1	1.6	379	0.63	<0.05	11.9	0.255	1.10	3.4
M354253		18.0	122.0	0.002	0.05	2.76	9.7	1	1.6	319	0.71	<0.05	9.7	0.253	1.54	3.7
M354254		523	163.5	0.002	0.79	9.92	10.3	1	3.4	141.5	0.81	0.08	13.8	0.235	2.47	5.8
M354255		59.2	103.5	<0.002	0.05	5.45	9.5	1	1.6	213	0.77	<0.05	11.8	0.263	1.38	3.8
M354256		1465	210	0.002	3.74	30.7	9.7	<1	5.7	77.9	0.73	0.11	15.9	0.221	2.67	6.6
M354257		2040	134.0	<0.002	4.46	30.5	5.9	1	4.4	143.0	0.36	0.14	9.3	0.144	1.75	8.3
M354258		665	119.5	0.004	7.25	568	5.9	2	5.8	131.0	0.43	1.72	8.9	0.162	1.90	130.0
M354259		31.5	145.5	<0.002	0.41	14.30	6.9	<1	1.4	246	0.75	<0.05	10.5	0.284	3.00	7.7
M354260		1415	78.6	0.005	>10.0	129.0	3.8	3	16.5	45.2	0.27	5.25	5.3	0.094	1.15	3.3
M354261		3.3	1.0	<0.002	0.03	0.39	0.1	<1	0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M354262		39.6	134.5	0.003	0.40	2.30	9.1	1	2.0	292	0.81	0.07	12.2	0.243	1.91	4.8
M354263		42.9	114.0	0.002	0.16	2.96	9.1	1	1.8	347	0.85	<0.05	12.7	0.249	1.40	4.3
M354264		23.8	128.5	0.003	0.05	1.78	9.5	1	1.7	348	0.86	<0.05	14.4	0.241	1.41	5.1
M354265		43.7	117.5	0.002	0.12	3.39	8.4	<1	1.6	278	0.92	<0.05	13.1	0.232	1.76	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206364

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354230		67	1.3	14.7	41	20.8	<1	
M354231		69	1.5	16.7	39	21.1	<1	
M354232		53	5.0	10.2	5180	24.9	26	
M354233		70	1.8	16.2	43	24.7	1	
M354234		67	2.6	13.8	43	21.2	<1	
M354235		68	2.3	14.0	47	20.3	<1	
M354236		68	1.5	15.8	46	20.8	<1	
M354237		72	1.8	14.8	47	20.6	<1	
M354238		72	1.8	16.7	42	22.6	1	
M354239		66	1.5	14.8	34	20.6	<1	
M354240		82	3.1	19.8	536	22.1	2	
M354241		2	0.1	0.9	14	<0.5	<1	
M354242		80	1.3	17.8	103	27.1	1	
M354243		60	2.8	16.5	300	20.2	1	
M354244		66	2.9	14.5	34	20.7	<1	
M354245		72	4.3	16.1	39	23.0	<1	
M354246		71	1.6	14.7	42	21.6	<1	
M354247		50	4.3	9.4	>10000	31.5	121	1.640
M354248		64	0.9	16.1	50	20.2	<1	
M354249		62	1.8	13.4	41	20.8	<1	
M354250		65	2.0	15.1	40	19.8	<1	
M354251		65	2.3	14.1	40	21.6	<1	
M354252		67	1.1	16.0	40	22.1	<1	
M354253		67	1.4	14.6	43	21.4	<1	
M354254		62	3.8	16.6	1090	24.0	2	
M354255		67	2.7	15.2	204	19.6	<1	
M354256		59	4.4	12.4	7200	19.9	9	
M354257		40	4.1	9.4	>10000	16.8	15	1.190
M354258		39	4.5	10.6	1520	36.0	71	
M354259		58	2.4	12.8	74	121.5	<1	
M354260		26	2.2	5.6	1610	11.5	145	
M354261		1	0.1	0.7	16	<0.5	<1	
M354262		62	1.3	13.3	151	22.9	<1	
M354263		65	1.1	14.1	128	22.9	1	
M354264		63	0.9	15.1	91	22.0	<1	
M354265		60	6.5	14.5	123	24.5	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-118B

CERTIFICATE OF ANALYSIS WH12206364

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206365

Project: Klaza-120

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

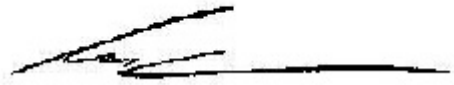
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12206365

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357037		4.60	<0.005	0.09	6.68	3.5	1240	1.34	0.13	2.75	0.10	40.2	6.7	14	11.30	23.7
M357038		1.99	0.581	10.30	6.34	2170	710	1.31	3.26	2.08	8.97	46.6	7.2	7	21.7	145.5
M357039		2.92	0.010	0.22	6.02	32.7	1190	1.30	0.31	2.53	0.17	36.1	6.8	9	26.8	21.9
M357040		5.72	<0.005	0.13	6.35	5.2	1170	1.41	0.24	2.51	0.13	37.7	7.0	12	14.00	29.6
M357041		4.81	<0.005	0.09	6.68	2.4	1190	1.38	0.32	2.88	0.08	43.9	7.1	12	15.10	20.8
M357042		3.42	<0.005	0.11	6.48	12.6	1270	1.29	0.13	2.69	0.15	37.0	6.7	9	18.60	12.7
M357043		5.54	<0.005	0.31	6.22	8.2	1280	1.30	0.08	2.50	0.27	41.8	7.1	9	18.85	13.7
M357044		0.26	4.54	>100	4.97	7700	110	1.17	60.3	1.89	217	29.9	9.1	16	11.40	1215
M357045		5.72	<0.005	0.28	6.38	26.7	1050	1.47	0.17	2.54	0.37	38.6	6.4	8	20.7	29.5
M357046		1.86	0.137	8.56	6.43	400	360	1.40	2.71	0.51	20.0	48.6	6.0	9	17.35	42.6
M357047		2.32	3.97	95.4	3.86	2490	60	1.03	66.6	2.15	134.5	19.75	7.3	5	17.55	1345
M357048		2.08	<0.005	0.20	0.07	18	20	0.05	0.14	20.3	0.53	1.23	1.2	<1	0.36	5.6
M357049		2.17	0.034	1.10	6.45	29.2	490	1.14	1.56	2.23	1.65	39.1	6.0	7	19.35	12.4
M357050		2.45	0.211	19.95	6.14	512	540	1.14	11.15	1.97	29.2	54.6	7.1	7	12.90	170.0
M357051		5.29	0.009	1.04	6.39	67.9	840	1.30	0.32	2.75	3.95	43.4	6.3	8	17.25	19.6
M357052		1.20	0.545	11.90	5.93	6370	500	1.11	4.19	3.17	15.50	47.4	6.4	6	15.15	48.4
M357053		2.38	<0.005	0.04	0.07	11	30	0.05	0.03	20.4	0.11	1.27	1.2	<1	0.27	1.5
M357054		1.78	0.010	0.68	5.66	125.5	790	1.32	0.75	2.28	6.44	37.6	7.5	8	15.25	46.8
M357055		5.45	<0.005	0.23	6.43	73.9	1250	1.27	0.62	2.54	7.58	41.5	5.5	11	16.40	12.1
M357056		5.49	<0.005	0.10	6.42	3.6	1220	1.40	0.18	2.55	0.12	40.3	5.8	12	11.65	5.0
M357057		5.15	<0.005	0.42	6.43	55.8	830	1.36	0.30	2.25	1.07	41.4	5.5	9	20.1	3.3
M357058		0.26	2.29	24.7	5.70	3290	890	1.42	19.55	2.22	80.6	43.6	10.8	18	14.70	444
M357059		2.29	<0.005	0.35	6.64	76.3	770	1.53	0.20	2.79	1.01	42.6	6.3	10	22.6	3.0
M357060		1.90	0.344	50.0	6.35	2990	900	1.39	0.47	2.26	40.9	47.5	5.6	8	19.70	156.0
M357061		2.37	<0.005	0.56	7.19	211	1100	1.62	0.15	2.29	2.42	46.1	6.2	13	24.4	3.9
M357062		4.42	<0.005	0.48	6.41	44.7	1240	1.39	0.11	2.94	0.38	38.8	6.1	11	14.85	2.8
M357063		1.95	<0.005	0.94	6.73	186.0	810	1.55	0.23	2.01	6.27	41.2	6.9	8	27.6	5.4
M357064		2.33	0.071	13.25	5.91	1580	770	1.26	0.36	1.74	14.25	45.6	7.5	8	20.5	44.0
M357065		<0.02	0.071	14.25	6.14	1615	800	1.26	0.36	1.80	14.00	48.0	7.7	7	21.6	50.8
M357066		5.83	<0.005	1.30	6.65	78.5	900	1.52	1.05	2.77	2.31	40.2	6.5	11	28.1	36.4
M357067		4.95	<0.005	0.14	7.11	7.4	2080	1.36	0.17	2.86	0.17	41.5	6.7	14	10.50	7.1
M357068		5.66	<0.005	0.28	6.80	2.4	1360	1.35	0.18	2.49	0.09	43.9	6.7	16	7.58	5.3
M357069		5.57	<0.005	0.14	6.76	4.3	1120	1.41	0.22	2.64	0.15	44.7	6.8	15	11.05	7.4
M357070		1.94	<0.005	0.12	6.81	4.4	1080	1.35	0.20	2.53	0.13	45.3	6.9	12	10.50	6.7
M357071		5.38	<0.005	0.43	7.02	2.8	1110	1.37	3.88	2.43	0.77	49.7	7.6	14	7.20	86.1
M357072		3.46	<0.005	0.08	6.81	1.6	1250	1.38	0.32	2.49	0.08	45.2	6.7	13	8.00	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12206365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357037		2.53	14.85	0.10	0.9	0.019	2.48	19.7	10.9	0.60	518	1.37	1.95	9.0	4.0	410
M357038		3.44	13.50	0.12	0.8	0.309	3.01	26.8	14.6	0.64	5510	11.20	0.22	7.5	3.7	350
M357039		2.34	14.35	0.10	0.9	0.023	2.50	17.7	28.8	0.71	798	0.72	0.29	8.8	3.4	400
M357040		2.33	14.50	0.11	0.9	0.020	2.39	18.8	10.3	0.67	498	0.52	2.02	8.7	3.3	380
M357041		2.44	15.15	0.11	1.0	0.020	2.45	21.6	10.9	0.72	570	2.11	2.00	9.1	3.6	400
M357042		2.30	14.55	0.11	0.9	0.021	2.70	18.0	16.5	0.68	680	1.77	1.44	8.7	3.6	400
M357043		2.54	14.10	0.11	0.8	0.022	2.46	21.1	24.3	0.71	773	0.98	0.73	8.4	3.5	410
M357044		7.86	12.80	0.17	1.1	4.75	2.23	15.3	30.0	0.60	3000	15.15	0.08	5.7	14.1	420
M357045		2.50	15.20	0.11	0.8	0.042	2.85	19.1	25.5	0.74	1250	1.57	0.40	8.6	3.3	420
M357046		5.41	14.40	0.14	0.8	0.398	3.14	26.6	9.2	0.35	4270	3.29	0.04	8.1	3.7	350
M357047		7.58	8.48	0.15	0.5	2.25	1.66	10.5	24.2	0.79	3720	4.42	0.03	4.5	5.0	190
M357048		0.48	0.23	<0.05	<0.1	0.016	0.03	0.6	0.9	12.15	206	0.14	0.01	0.3	1.5	160
M357049		2.18	14.45	0.08	1.0	0.036	1.85	20.2	65.6	0.68	873	0.97	0.05	8.4	2.8	380
M357050		3.46	12.55	0.11	0.8	0.320	2.02	32.2	48.8	0.67	1370	0.92	0.02	7.3	3.4	370
M357051		2.62	14.00	0.12	1.0	0.073	2.42	22.9	56.7	0.82	1390	1.04	0.36	8.6	4.2	380
M357052		3.55	12.20	0.12	0.9	0.225	2.21	27.7	57.7	1.03	2710	1.39	0.03	7.2	3.0	310
M357053		0.47	0.21	<0.05	<0.1	0.005	0.03	0.6	1.5	12.25	214	0.12	<0.01	0.3	1.1	170
M357054		2.16	13.35	0.09	1.0	0.235	2.35	19.2	20.0	0.55	1400	6.17	0.95	8.3	2.8	290
M357055		2.19	13.90	0.12	1.1	0.173	2.42	21.8	26.9	0.64	803	1.71	1.66	8.6	2.8	340
M357056		2.15	13.95	0.11	1.0	0.021	2.45	21.0	13.3	0.62	540	1.28	1.94	8.4	2.9	360
M357057		2.40	13.65	0.12	1.0	0.069	2.62	22.0	42.7	0.70	1840	5.70	0.42	8.6	3.0	350
M357058		6.69	14.25	0.15	1.0	1.760	2.65	23.4	24.4	0.90	1900	14.00	0.04	6.2	16.1	450
M357059		2.27	15.10	0.10	1.1	0.029	3.01	22.1	59.6	0.91	1580	7.64	0.05	9.9	3.2	380
M357060		3.92	13.25	0.13	1.0	1.550	3.10	26.8	8.1	0.90	5390	1.83	0.03	7.8	3.3	350
M357061		2.47	15.45	0.13	1.1	0.036	3.31	24.4	10.0	0.60	1780	0.77	0.62	9.4	3.4	410
M357062		2.46	14.95	0.11	1.0	0.033	2.87	19.4	14.2	0.61	816	1.22	1.12	8.9	3.4	380
M357063		3.25	14.95	0.13	1.0	0.117	3.25	21.0	9.8	0.57	4750	5.47	0.23	9.4	3.1	400
M357064		5.05	12.80	0.13	0.9	0.620	2.75	25.6	9.8	0.75	7830	2.30	0.03	8.3	3.8	300
M357065		5.18	13.25	0.15	0.9	0.647	2.84	26.9	10.1	0.77	8130	1.92	0.03	8.8	3.8	330
M357066		2.59	15.35	0.11	1.1	0.060	3.11	19.9	25.9	0.71	1220	4.30	0.41	10.2	3.6	400
M357067		2.61	15.25	0.11	1.0	0.026	2.58	22.0	12.6	0.76	648	0.64	2.08	8.9	3.7	420
M357068		2.49	15.00	0.12	1.1	0.028	2.40	23.0	13.4	0.76	633	14.60	2.14	8.5	3.7	390
M357069		2.45	14.85	0.12	1.0	0.029	2.50	22.8	14.3	0.76	688	0.86	1.99	9.2	3.5	410
M357070		2.47	15.05	0.12	1.1	0.028	2.46	23.1	15.0	0.75	657	0.51	2.00	9.3	3.7	410
M357071		2.50	15.70	0.12	1.2	0.103	2.20	25.6	20.8	0.81	1020	1.99	2.37	10.0	3.6	400
M357072		2.48	15.20	0.13	1.1	0.030	2.36	22.7	15.8	0.75	591	0.53	2.20	9.4	3.7	390

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12206365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357037		14.9	89.2	<0.002	0.03	2.83	9.0	1	1.8	310	0.81	<0.05	12.5	0.234	0.75	2.8
M357038		1110	197.5	0.003	1.43	101.5	8.7	1	1.5	72.0	0.70	0.11	13.9	0.200	2.14	6.5
M357039		20.3	82.9	<0.002	0.17	24.8	8.7	1	1.9	150.0	0.82	<0.05	11.8	0.225	1.28	4.0
M357040		13.8	89.0	<0.002	0.08	2.49	8.6	1	1.4	308	0.78	<0.05	12.9	0.222	0.79	3.3
M357041		13.0	94.1	<0.002	0.07	1.49	8.9	1	1.3	312	0.91	<0.05	14.2	0.229	0.76	3.9
M357042		15.6	97.3	<0.002	0.10	3.35	8.3	1	1.6	246	0.82	<0.05	12.3	0.226	1.04	3.4
M357043		14.3	97.0	<0.002	0.09	7.52	9.0	1	1.3	179.0	0.75	<0.05	12.9	0.227	1.15	2.7
M357044		9360	130.0	<0.002	6.75	220	7.8	2	8.7	119.5	0.44	0.49	8.1	0.177	2.02	5.2
M357045		20.2	120.5	<0.002	0.19	13.55	9.0	1	1.2	134.0	0.74	<0.05	12.4	0.226	1.69	3.9
M357046		1015	186.0	0.002	3.79	35.3	9.1	1	2.6	24.5	0.79	<0.05	15.2	0.201	2.31	5.0
M357047		>10000	101.0	0.003	7.80	1435	5.2	2	2.6	69.1	0.41	0.18	8.6	0.116	1.30	21.4
M357048		47.8	1.5	<0.002	0.01	2.64	0.3	1	<0.2	50.3	<0.05	<0.05	0.2	<0.005	<0.02	0.7
M357049		134.5	55.4	<0.002	0.14	22.5	8.6	1	1.7	128.0	0.74	<0.05	13.2	0.211	0.96	2.7
M357050		5710	123.5	<0.002	2.09	79.0	8.3	2	3.2	122.0	0.67	0.11	14.7	0.193	1.55	7.1
M357051		185.5	104.0	<0.002	0.41	10.15	8.6	1	1.8	162.0	0.78	<0.05	14.1	0.210	1.34	4.9
M357052		1310	123.0	<0.002	1.62	38.3	7.1	1	2.2	109.0	0.70	0.09	15.4	0.171	1.43	4.4
M357053		4.5	1.7	<0.002	<0.01	0.15	0.3	1	<0.2	48.2	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M357054		114.0	105.5	<0.002	0.53	15.05	7.0	1	3.3	173.5	1.02	<0.05	13.8	0.169	1.19	8.5
M357055		52.9	94.5	<0.002	0.21	2.18	7.7	1	0.9	274	0.78	<0.05	14.3	0.200	0.92	3.2
M357056		17.3	92.1	<0.002	0.03	1.38	8.0	1	1.0	296	0.81	<0.05	14.8	0.206	0.77	3.8
M357057		79.2	116.5	<0.002	0.28	9.10	7.7	1	1.0	147.5	0.80	<0.05	15.1	0.197	1.50	4.9
M357058		2840	165.0	<0.002	4.68	95.7	8.9	2	8.2	94.7	0.48	0.40	10.7	0.181	2.20	5.4
M357059		56.5	125.0	0.002	0.30	9.68	8.5	1	1.3	120.5	1.01	<0.05	13.9	0.221	2.33	6.4
M357060		3230	188.0	<0.002	1.86	124.5	7.9	1	2.1	57.1	0.80	<0.05	15.7	0.194	2.17	7.4
M357061		100.5	167.5	<0.002	0.47	20.2	9.3	1	1.2	151.0	0.92	<0.05	16.3	0.230	1.90	5.4
M357062		59.9	119.5	<0.002	0.05	13.15	8.2	1	1.0	221	0.86	<0.05	12.9	0.220	1.36	3.4
M357063		281	162.0	<0.002	0.40	23.9	8.8	1	1.4	107.0	1.01	<0.05	15.7	0.215	2.10	5.0
M357064		2490	147.5	<0.002	1.10	103.0	7.5	1	1.9	55.2	0.87	<0.05	16.2	0.174	1.34	4.8
M357065		2630	155.5	<0.002	1.14	108.5	7.8	1	2.1	57.4	0.92	<0.05	16.9	0.182	1.40	4.7
M357066		166.5	125.5	0.002	0.19	52.6	8.7	1	1.5	145.0	1.09	0.13	14.1	0.227	1.74	5.3
M357067		20.4	93.9	<0.002	0.05	18.75	9.1	1	1.2	340	0.77	<0.05	14.6	0.234	0.82	3.3
M357068		18.3	89.3	0.002	0.03	4.58	9.1	1	1.0	328	0.73	<0.05	14.5	0.226	0.72	3.6
M357069		19.7	97.7	<0.002	0.03	6.05	9.0	1	1.3	311	0.88	<0.05	15.4	0.231	0.87	4.1
M357070		16.8	101.0	<0.002	0.03	4.33	9.2	1	1.3	308	0.87	<0.05	14.9	0.233	0.86	3.9
M357071		30.8	95.3	<0.002	0.08	1.54	9.6	1	1.2	344	0.98	0.07	17.1	0.233	0.88	3.7
M357072		16.0	90.3	<0.002	0.01	1.52	9.1	1	1.1	330	0.86	<0.05	15.0	0.223	0.67	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12206365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M357037		69	2.2	12.0	36	21.3	<1		
M357038		61	2.3	11.4	600	19.2	10		
M357039		68	2.2	11.0	38	21.2	<1		
M357040		65	1.4	11.3	33	21.5	<1		
M357041		66	2.4	12.1	34	22.9	<1		
M357042		65	1.9	10.5	40	22.2	<1		
M357043		67	4.1	11.2	55	17.2	<1		
M357044		51	4.6	9.2	>10000	31.5	118		1.585
M357045		69	5.0	10.6	56	20.1	<1		
M357046		60	4.8	7.7	1260	20.0	8		
M357047		37	4.0	6.3	>10000	13.2	94	1.345	1.440
M357048		3	0.1	0.8	57	0.5	<1		
M357049		61	5.1	10.7	186	22.9	1		
M357050		58	3.5	10.0	2630	19.8	22		
M357051		61	2.3	11.2	387	24.1	<1		
M357052		49	3.4	10.8	1340	22.8	14		
M357053		2	0.1	0.8	17	<0.5	<1		
M357054		55	2.8	10.4	363	25.4	1		
M357055		58	1.5	10.9	353	29.4	<1		
M357056		58	0.8	11.2	42	24.9	<1		
M357057		55	1.9	10.6	113	25.5	<1		
M357058		57	5.3	10.3	5310	25.9	26		
M357059		63	2.9	11.6	114	26.1	<1		
M357060		57	3.3	7.7	3630	23.2	52		
M357061		66	2.7	10.5	206	25.4	<1		
M357062		64	2.2	10.9	69	25.5	<1		
M357063		63	1.8	10.4	490	23.2	1		
M357064		53	3.0	7.9	1140	21.9	14		
M357065		54	3.0	8.1	1110	22.8	13		
M357066		66	4.7	11.4	226	25.9	1		
M357067		70	1.0	12.8	45	25.1	1		
M357068		65	1.3	12.5	44	26.2	<1		
M357069		67	0.8	12.7	57	25.9	<1		
M357070		67	0.8	13.0	55	26.8	<1		
M357071		69	2.3	14.6	117	30.3	1		
M357072		66	0.5	13.7	42	27.0	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12206365

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206366

Project: Klaza-121

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

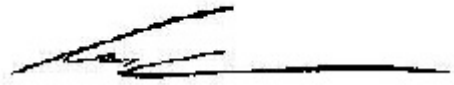
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206366

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810892		2.12	0.059	1.21	7.18	94.7	1130	1.51	2.69	1.79	2.65	53.1	9.9	8	13.60	66.9
N810893		0.26	2.36	24.4	5.62	3090	1360	1.29	18.35	2.16	79.1	42.9	12.0	17	15.35	437
N810894		6.97	0.111	0.51	7.06	23.8	2050	1.56	1.63	2.08	0.59	51.1	6.8	9	7.84	47.2
N810895		7.02	0.022	0.22	7.05	12.0	2160	1.61	0.76	1.93	0.24	50.2	6.5	9	8.11	36.5
N810896		6.30	0.090	0.30	7.07	12.3	2170	1.65	1.19	2.52	0.57	50.3	6.0	8	10.35	59.3
N810897		<0.02	0.104	0.33	6.96	13.5	2150	1.75	1.27	2.68	0.57	50.0	6.5	8	10.30	56.0
N810898		4.21	0.082	0.68	6.91	23.7	1060	1.67	2.35	1.37	1.63	52.8	6.7	9	8.82	35.6
N810899		5.25	0.130	2.03	6.75	41.9	1010	1.58	9.77	0.93	4.45	29.5	13.7	8	8.83	163.0
N810900		5.15	0.067	0.61	7.27	14.1	1470	1.79	2.13	2.43	1.08	59.1	4.2	9	11.75	74.0
N810901		0.26	2.25	24.0	5.54	3060	1360	1.25	17.95	2.09	77.5	41.2	11.7	17	15.00	422
N810902		3.20	0.049	0.59	7.31	16.2	1770	1.72	1.88	2.00	0.31	51.3	4.0	8	12.30	53.8
N810903		2.49	0.066	1.15	6.96	39.1	780	1.87	3.26	1.81	1.01	58.7	7.2	7	9.80	42.5
N810904		5.06	0.030	0.44	7.13	13.2	1350	1.76	1.25	2.27	1.93	53.1	6.3	10	13.25	26.7
N810905		4.19	0.036	0.49	7.18	11.6	1980	1.80	1.42	2.13	1.36	56.7	4.7	8	14.85	22.0
N810906		3.82	0.039	0.31	7.14	7.1	1910	1.76	1.30	2.41	0.43	51.3	5.0	7	12.30	33.0
N810907		1.97	0.039	0.30	7.07	7.5	1820	1.71	1.07	2.35	0.59	54.8	4.2	8	11.70	44.6
N810908		2.86	0.079	2.63	7.04	101.5	830	1.57	10.95	1.88	2.24	79.7	7.9	7	10.40	215
N810909		7.58	0.026	0.33	7.18	10.0	1520	1.73	1.23	2.28	0.54	47.7	5.1	8	11.25	20.5
N810910		2.55	0.030	0.34	7.27	9.8	920	1.47	1.99	1.93	0.49	15.70	2.4	7	7.14	5.3
N810911		2.62	0.045	0.63	5.31	32.2	1060	1.22	1.61	5.98	1.44	37.1	4.8	7	13.90	18.8
N810912		3.65	0.059	0.48	7.45	12.8	1720	1.86	1.21	1.85	0.84	49.5	8.1	8	7.00	47.6
N810913		7.90	0.062	0.41	6.99	16.6	2020	1.52	1.23	2.21	0.59	46.4	8.3	10	8.09	59.8
N810914		8.47	0.034	0.29	7.31	13.0	2240	1.72	1.66	1.98	0.33	49.5	7.7	8	8.01	63.0
N810915		7.07	0.026	0.18	7.32	12.2	2190	1.59	0.83	1.68	0.21	48.4	10.3	9	8.23	46.0
N810916		6.71	0.016	0.17	7.13	15.2	2480	1.72	0.85	1.88	0.19	48.0	9.3	9	7.04	30.5
N810917		6.36	0.021	0.13	7.21	10.8	2770	1.67	0.65	2.40	0.22	45.5	6.8	9	11.75	18.5
N810918		3.39	0.161	2.97	6.78	145.0	660	1.60	9.44	1.50	4.19	52.7	17.0	8	13.05	234
N810919		2.49	<0.005	0.02	0.09	<5	30	0.05	0.05	19.90	0.09	1.36	1.4	<1	0.58	3.2
N810920		3.61	0.185	0.97	6.41	20.6	2330	1.56	2.00	2.68	0.98	45.8	14.5	7	14.30	222
N810921		2.98	0.053	0.45	7.01	11.0	1910	1.75	1.28	1.96	1.36	54.0	10.6	8	11.20	33.5
N810922		4.19	0.026	0.64	7.44	12.8	2300	1.57	1.55	1.20	2.77	44.4	11.9	7	9.21	15.0
N810923		3.29	0.152	2.17	5.18	71.1	1250	1.19	4.82	0.98	3.01	27.2	17.1	7	8.34	103.5
N810924		2.09	<0.005	0.03	0.11	<5	60	0.08	0.19	20.1	0.07	1.55	1.5	<1	0.39	2.0
N810925		2.47	0.042	0.53	7.04	31.8	1540	1.65	1.69	2.10	0.72	37.5	9.3	11	10.80	22.6
N810926		6.23	0.011	0.17	7.24	19.7	2000	1.55	0.61	1.38	0.53	50.4	9.5	9	17.30	7.0
N810927		5.19	0.059	0.23	6.65	50.3	1800	1.57	0.68	2.31	0.35	44.1	8.9	9	17.40	7.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810892		3.97	18.40	0.17	1.0	0.460	2.97	28.9	9.6	0.72	998	1.14	0.88	8.1	3.2	560
N810893		6.54	15.35	0.19	0.8	1.830	2.41	24.4	22.6	0.88	1880	14.05	0.03	6.4	16.2	430
N810894		3.11	18.30	0.16	1.1	0.169	2.42	27.1	13.6	0.79	476	1.29	2.18	8.4	2.8	560
N810895		2.76	17.90	0.14	1.3	0.104	2.61	26.8	13.3	0.82	396	1.50	2.32	8.5	2.8	550
N810896		2.88	18.30	0.16	1.2	0.135	2.38	26.3	11.3	0.83	439	2.15	1.91	8.6	3.1	610
N810897		2.82	18.70	0.15	1.2	0.137	2.41	25.7	11.5	0.79	444	1.86	1.90	8.5	2.9	590
N810898		2.66	17.75	0.16	1.0	0.237	2.99	30.5	6.6	0.59	438	1.99	0.36	5.3	2.4	430
N810899		3.14	18.30	0.14	1.0	0.355	3.00	15.6	8.8	0.54	615	4.96	0.08	5.3	2.4	420
N810900		2.58	19.25	0.14	1.2	0.221	2.14	33.1	9.0	0.72	461	1.18	1.55	7.1	2.8	570
N810901		6.44	15.15	0.19	0.8	1.770	2.34	23.4	22.9	0.87	1820	13.65	0.03	6.2	15.9	430
N810902		3.03	18.85	0.15	1.2	0.224	2.55	27.1	15.1	0.87	466	2.82	1.29	9.1	2.9	590
N810903		4.43	18.65	0.19	1.0	0.308	2.68	34.1	8.9	0.66	593	0.90	0.70	6.7	3.0	530
N810904		2.86	18.80	0.16	1.1	0.199	2.11	29.3	9.4	0.79	474	1.00	1.61	7.7	3.1	570
N810905		2.95	19.10	0.14	1.1	0.247	2.04	31.6	9.1	0.86	480	1.26	1.92	7.5	2.8	560
N810906		2.82	18.55	0.16	1.1	0.269	2.41	27.7	9.4	0.84	516	1.02	1.67	8.2	2.7	560
N810907		2.86	18.55	0.17	1.1	0.263	2.44	29.9	9.6	0.84	535	1.40	1.59	8.2	2.9	560
N810908		5.27	19.30	0.21	1.0	0.541	2.89	45.2	10.5	0.67	669	1.01	0.19	7.0	2.7	540
N810909		2.89	18.70	0.15	1.1	0.205	1.85	25.7	7.8	0.81	418	0.65	2.00	7.6	3.0	580
N810910		2.80	17.95	0.13	1.1	0.429	2.48	6.8	5.2	0.29	287	1.03	1.47	6.8	1.4	510
N810911		1.69	14.40	0.13	1.0	0.199	1.92	20.8	13.7	0.32	501	20.1	0.19	5.7	2.0	390
N810912		2.63	19.40	0.16	1.4	0.236	2.49	27.5	10.0	0.79	367	0.69	1.78	8.7	2.8	560
N810913		3.10	17.75	0.15	1.1	0.205	2.58	25.0	12.3	0.82	416	1.29	1.68	8.2	3.1	550
N810914		3.05	18.30	0.16	1.1	0.188	2.69	26.3	17.0	0.88	370	1.72	2.00	8.6	2.9	600
N810915		3.20	18.40	0.16	1.3	0.111	2.66	25.8	20.0	0.93	368	1.44	1.86	9.0	3.0	630
N810916		2.90	18.20	0.14	1.2	0.134	2.64	26.0	15.4	0.84	363	2.14	2.30	8.3	2.9	560
N810917		3.05	18.65	0.15	1.3	0.100	2.55	24.3	12.5	0.77	385	3.40	2.03	8.6	3.0	610
N810918		5.13	16.75	0.21	1.1	0.345	2.80	29.0	12.6	0.60	422	8.63	0.28	6.7	3.9	520
N810919		0.49	0.35	0.07	<0.1	0.006	0.04	0.7	1.2	11.95	212	0.30	0.01	0.4	2.6	190
N810920		2.80	16.85	0.15	1.0	0.319	2.50	23.8	12.3	0.66	449	2.17	1.07	7.6	2.9	520
N810921		2.95	18.70	0.15	1.2	0.265	2.57	29.8	13.8	0.59	400	0.67	1.24	8.0	2.9	560
N810922		1.62	17.20	0.14	1.3	0.233	3.22	24.8	18.8	0.53	285	8.74	0.06	7.3	2.3	600
N810923		2.20	14.05	0.15	0.9	0.205	2.28	14.8	11.3	0.41	348	21.6	0.04	4.7	2.8	380
N810924		0.49	0.40	0.09	<0.1	0.005	0.05	0.8	1.5	12.10	217	0.27	0.01	0.3	3.5	180
N810925		2.43	17.00	0.15	1.2	0.220	2.34	19.1	46.1	0.62	406	3.01	0.06	7.8	2.4	570
N810926		2.68	18.60	0.16	1.3	0.107	2.62	26.8	27.2	0.44	458	1.95	0.44	8.7	2.5	570
N810927		2.70	17.70	0.14	1.2	0.103	2.56	22.7	25.5	0.73	910	1.34	0.23	8.1	2.7	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810892		146.5	165.0	<0.002	2.00	5.16	11.6	1	5.3	145.0	0.65	0.19	13.3	0.233	2.73	4.8
N810893		2790	165.5	<0.002	4.59	88.9	9.1	2	7.9	97.4	0.48	0.34	10.0	0.179	2.33	5.1
N810894		30.4	109.0	<0.002	0.52	2.41	11.8	1	3.2	309	0.67	0.15	12.6	0.238	1.32	4.0
N810895		20.8	111.0	<0.002	0.26	1.70	11.8	1	2.7	371	0.71	0.15	13.5	0.234	1.24	4.5
N810896		30.8	105.5	<0.002	0.66	2.58	12.5	1	3.7	317	0.66	0.24	12.1	0.242	1.33	3.5
N810897		31.0	103.5	<0.002	0.71	2.55	12.5	1	3.7	323	0.65	0.28	11.7	0.242	1.34	3.5
N810898		53.7	166.5	<0.002	1.83	5.72	11.6	1	7.0	80.9	0.45	0.49	12.3	0.167	2.36	3.3
N810899		145.5	161.5	<0.002	2.28	14.50	11.0	1	8.5	31.0	0.43	3.43	12.0	0.160	2.13	3.1
N810900		36.4	105.5	<0.002	1.06	5.09	12.3	1	4.8	259	0.58	0.28	12.4	0.208	1.72	4.6
N810901		2760	161.0	<0.002	4.52	87.3	9.0	2	8.0	94.7	0.47	0.35	10.1	0.173	2.31	5.1
N810902		32.5	107.0	<0.002	0.60	3.17	12.5	1	3.9	228	0.74	0.23	12.8	0.249	1.57	3.6
N810903		48.7	153.5	<0.002	2.64	4.50	12.1	2	6.7	117.5	0.55	0.31	12.5	0.198	2.51	4.3
N810904		65.5	110.5	<0.002	1.17	3.07	12.4	2	4.7	231	0.62	0.18	12.8	0.224	1.81	3.6
N810905		60.5	99.8	<0.002	1.20	2.21	12.4	1	5.1	311	0.62	0.16	12.5	0.220	1.50	3.5
N810906		21.7	106.0	<0.002	0.49	1.94	12.1	1	3.4	276	0.65	0.26	12.4	0.235	1.58	4.0
N810907		27.1	107.0	<0.002	0.47	2.00	12.2	1	3.6	256	0.67	0.14	12.6	0.238	1.63	4.0
N810908		71.8	156.0	<0.002	2.76	4.20	11.6	2	13.2	66.9	0.57	0.49	13.1	0.211	2.45	4.1
N810909		27.0	94.6	<0.002	1.29	1.85	12.7	2	4.2	277	0.63	0.18	12.6	0.221	1.41	3.4
N810910		12.1	149.5	<0.002	2.00	8.89	9.9	1	5.8	133.5	0.56	0.20	12.5	0.195	2.05	4.7
N810911		51.9	113.0	0.003	1.03	7.71	11.1	1	6.9	208	0.47	0.16	10.0	0.172	1.21	2.9
N810912		33.9	124.5	<0.002	0.95	3.18	12.0	1	5.1	236	0.75	0.22	13.4	0.241	1.93	3.0
N810913		28.6	119.5	<0.002	0.67	3.81	12.2	1	3.4	247	0.61	0.27	11.8	0.238	1.53	3.3
N810914		21.9	117.5	<0.002	0.52	5.18	12.5	1	3.1	264	0.68	0.60	12.5	0.254	1.46	3.5
N810915		20.7	120.5	<0.002	0.49	4.04	13.4	2	2.6	245	0.72	0.23	13.2	0.265	1.37	3.7
N810916		20.5	118.0	<0.002	0.51	2.47	12.2	1	2.4	323	0.66	0.16	12.9	0.237	1.33	4.1
N810917		20.8	105.5	<0.002	0.35	2.51	12.9	1	2.2	342	0.69	0.13	12.0	0.250	1.34	3.6
N810918		217	163.0	<0.002	4.22	85.7	11.9	4	6.8	90.7	0.55	0.53	11.5	0.209	2.26	7.5
N810919		1.8	3.3	<0.002	0.01	0.48	0.5	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810920		42.9	123.5	<0.002	1.07	10.30	10.9	1	3.0	202	0.58	0.58	11.4	0.220	1.94	4.1
N810921		50.9	118.5	<0.002	0.80	3.42	12.5	1	3.3	183.0	0.68	0.28	12.9	0.226	1.76	3.8
N810922		65.5	161.5	<0.002	0.74	9.85	12.0	1	3.2	72.5	0.59	0.18	14.1	0.216	2.32	5.6
N810923		125.0	137.0	0.004	1.37	23.7	8.6	1	4.7	41.6	0.39	0.21	9.3	0.135	1.84	4.1
N810924		2.3	3.1	<0.002	0.01	0.12	0.5	1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810925		40.7	110.5	<0.002	1.11	7.98	11.5	1	4.0	136.5	0.65	0.34	12.0	0.229	1.81	4.6
N810926		23.0	122.5	<0.002	0.41	10.20	12.7	1	2.2	136.5	0.71	0.06	13.1	0.245	1.52	3.9
N810927		18.3	108.5	<0.002	0.65	12.80	11.8	1	2.1	112.5	0.66	0.14	11.3	0.239	1.92	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206366

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N810892		65	5.2	14.3	271	29.3	2
N810893		56	7.4	10.2	5330	25.0	25
N810894		68	2.7	16.8	91	32.7	1
N810895		64	1.7	17.2	47	37.2	1
N810896		68	2.4	16.9	84	34.9	1
N810897		68	2.3	16.8	84	35.1	1
N810898		67	6.1	11.8	178	30.6	1
N810899		68	6.8	12.1	421	31.0	3
N810900		66	2.6	15.4	132	34.7	1
N810901		54	5.2	9.8	5170	24.9	26
N810902		70	2.2	15.7	73	36.5	1
N810903		67	5.1	13.5	120	30.6	2
N810904		68	2.7	16.3	175	31.8	<1
N810905		68	2.8	16.1	149	32.5	<1
N810906		64	2.0	16.4	80	32.7	<1
N810907		66	2.5	16.1	95	32.3	<1
N810908		63	16.5	13.1	207	30.3	3
N810909		66	2.7	16.6	81	31.9	<1
N810910		50	4.9	13.5	52	32.3	<1
N810911		56	4.3	17.8	96	29.4	<1
N810912		68	4.2	14.3	91	39.6	<1
N810913		65	3.0	15.2	74	32.1	<1
N810914		71	2.8	16.6	58	33.5	<1
N810915		76	3.9	16.6	47	37.6	<1
N810916		67	2.2	16.9	42	35.3	<1
N810917		70	2.2	16.7	47	37.1	<1
N810918		69	6.3	13.0	343	31.7	3
N810919		3	0.1	0.9	14	0.5	<1
N810920		64	1.7	15.4	98	31.5	1
N810921		72	2.0	15.7	123	36.4	<1
N810922		63	6.4	13.7	234	38.4	<1
N810923		61	6.8	9.6	221	26.6	2
N810924		4	0.1	1.0	13	<0.5	<1
N810925		66	2.8	13.0	82	35.2	<1
N810926		68	3.6	16.1	64	39.4	<1
N810927		67	4.2	14.7	63	35.7	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206366

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206367

Project: Klaza-121

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

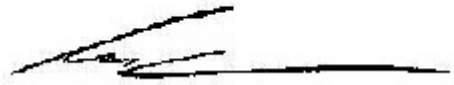
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206367

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810928		3.01	0.011	0.22	7.61	14.9	2480	1.59	1.05	2.58	0.39	47.9	8.1	10	13.45	11.1
N810929		5.68	0.016	0.25	7.86	15.7	2280	1.25	0.56	0.58	0.54	47.2	8.0	9	11.60	9.6
N810930		0.26	2.27	24.6	5.77	3330	1720	1.16	15.75	2.10	76.4	43.5	11.0	17	14.75	431
N810931		5.42	0.009	0.15	7.48	14.5	2260	1.42	0.50	1.78	0.25	49.8	10.0	8	16.20	16.3
N810932		3.44	0.005	0.23	7.46	12.5	2490	1.50	0.54	2.70	0.55	44.0	8.2	8	15.35	19.1
N810933		4.10	0.040	0.32	7.75	21.2	2320	1.50	0.63	1.96	0.31	51.2	7.2	9	13.65	28.6
N810934		<0.02	0.028	0.30	7.52	16.2	2300	1.60	0.58	1.90	0.37	48.9	7.1	7	13.60	26.3
N810935		2.92	0.020	0.32	7.72	24.6	1840	1.24	0.49	1.17	0.51	50.0	5.8	8	13.55	21.6
N810936		2.34	0.124	0.91	6.58	72.8	450	1.28	1.11	2.32	1.40	38.4	15.2	7	10.35	66.5
N810937		2.42	0.031	0.41	6.97	35.7	1140	1.38	0.82	1.84	0.71	45.6	13.0	8	12.25	26.3
N810938		3.06	0.046	0.53	6.22	75.3	470	1.17	0.84	7.00	2.30	43.1	6.4	5	13.95	35.2
N810939		3.37	0.191	2.76	5.61	168.5	930	0.81	8.67	0.56	16.45	13.00	15.0	8	5.45	102.0
N810940		2.27	<0.005	0.03	0.20	<5	50	0.12	0.06	20.8	0.11	2.36	2.0	1	0.54	2.4
N810941		4.25	0.080	1.18	6.47	48.0	990	1.11	3.72	0.95	1.13	34.7	11.7	8	7.52	65.6
N810942		3.40	0.038	0.61	7.68	20.2	2130	1.40	1.71	1.16	1.26	46.5	6.7	10	12.50	42.7
N810943		4.68	0.009	0.16	7.87	13.9	2450	1.32	0.52	0.48	0.24	46.0	6.1	9	11.75	11.0
N810944		1.82	0.013	0.14	7.57	14.6	2520	1.27	0.45	0.89	0.22	41.5	6.8	9	11.25	16.7
N810945		6.73	0.036	0.27	7.17	12.4	2300	1.40	0.85	2.28	0.24	43.7	8.2	8	10.70	50.7
N810946		4.67	0.036	0.47	6.68	18.8	1790	1.35	3.37	2.71	0.33	41.9	20.1	7	9.44	52.8
N810947		3.49	0.011	0.27	7.65	15.1	2150	1.69	1.53	2.39	0.39	51.9	5.2	8	8.11	33.2
N810948		9.56	0.017	0.25	7.56	17.1	2430	1.47	1.38	2.32	0.27	44.7	8.5	9	9.04	24.3
N810949		0.26	0.784	9.31	6.72	1740	1720	1.40	6.31	1.96	41.9	41.3	18.1	19	16.25	110.5
N810950		6.66	0.015	0.46	7.52	16.0	2430	1.43	2.81	2.43	0.55	47.3	7.0	9	6.24	22.7
N810951		2.89	0.011	0.21	7.38	14.0	1970	1.40	0.91	2.87	0.39	44.1	6.0	7	9.36	7.3
N810952		7.66	0.027	0.21	7.61	15.9	2450	1.45	1.58	2.41	0.43	50.1	5.6	8	5.90	16.8
N810953		2.98	0.061	0.51	7.60	15.0	2850	1.38	8.07	2.00	0.69	38.7	8.3	8	8.33	48.2
N810954		5.39	0.011	0.23	7.49	14.6	2360	1.49	1.94	2.50	0.50	42.6	7.0	9	6.34	26.9
N810955		6.16	0.011	0.27	7.58	17.0	2400	1.51	2.77	2.45	0.90	44.7	6.9	9	5.83	11.0
N810956		7.19	0.059	0.69	6.25	20.7	2230	1.13	4.68	2.64	1.37	34.9	6.2	8	8.47	29.6
N810957		2.20	<0.005	0.01	0.12	<5	50	0.06	0.08	21.4	0.07	1.45	1.6	<1	0.25	2.4
N810958		4.57	0.041	0.39	6.21	23.9	2060	1.09	2.86	2.40	0.90	41.9	6.9	14	5.79	23.4
N810959		7.56	0.026	0.39	7.24	15.1	2330	1.51	2.43	2.56	1.08	43.6	5.5	8	5.40	29.1
N810960		6.71	0.020	0.34	7.45	13.7	2030	1.39	2.70	2.23	0.38	49.7	4.5	9	6.34	22.2
N810961		5.04	0.051	1.20	6.95	22.7	2230	1.27	4.36	1.99	0.71	47.6	8.2	9	4.37	159.5
N810962		3.38	0.015	0.64	7.03	15.0	2220	1.44	2.27	2.58	1.76	46.9	4.9	8	5.31	35.6
N810963		1.96	0.030	0.43	7.57	35.0	1830	1.37	1.74	2.86	1.21	49.6	8.6	9	7.28	26.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810928		3.17	18.60	0.21	1.3	0.104	3.05	25.0	15.7	0.63	406	1.56	1.69	8.8	2.7	590
N810929		3.13	19.30	0.19	1.4	0.096	2.86	24.7	32.4	0.27	560	1.91	0.22	9.1	2.6	610
N810930		6.47	15.25	0.21	0.9	1.740	2.57	24.4	24.1	0.88	1820	13.90	0.04	6.4	15.3	430
N810931		2.95	18.35	0.21	1.3	0.101	2.89	26.6	26.6	0.74	352	2.30	2.11	8.7	2.9	580
N810932		3.11	19.35	0.22	1.4	0.108	3.16	22.2	28.4	0.74	459	1.64	2.19	9.1	2.8	620
N810933		3.13	18.70	0.24	1.3	0.099	3.09	27.6	22.6	0.74	355	1.57	2.03	8.5	2.6	570
N810934		3.04	18.80	0.22	1.3	0.094	3.08	25.8	23.8	0.75	354	1.77	2.11	8.8	2.7	570
N810935		2.98	18.50	0.20	1.4	0.101	2.62	27.5	44.9	0.45	711	2.18	0.13	8.6	2.6	580
N810936		3.20	17.50	0.19	1.2	0.127	1.71	19.6	59.1	0.58	1030	5.18	0.03	7.9	2.9	590
N810937		2.76	17.35	0.19	1.3	0.161	1.69	23.7	64.5	0.62	874	2.63	0.06	7.9	2.1	580
N810938		2.80	14.80	0.18	1.1	0.160	2.25	23.3	34.0	0.57	1410	7.95	0.03	7.3	2.2	500
N810939		9.65	14.65	0.24	0.8	0.171	2.65	7.1	12.4	0.32	352	23.5	0.05	3.6	4.3	390
N810940		0.49	0.68	0.30	<0.1	0.005	0.09	1.1	2.5	12.55	205	0.33	0.01	0.5	3.8	250
N810941		7.39	16.35	0.22	0.9	0.247	3.22	19.3	6.3	0.59	535	2.58	0.05	4.0	2.3	420
N810942		3.08	19.30	0.18	1.2	0.188	3.68	23.9	20.2	0.39	498	1.05	0.15	8.2	2.5	600
N810943		2.81	19.15	0.18	1.3	0.083	2.88	24.0	31.6	0.25	500	1.22	0.10	9.1	2.5	600
N810944		2.79	18.20	0.18	1.2	0.082	2.79	21.5	32.2	0.28	536	1.31	0.09	8.8	2.7	590
N810945		2.94	17.95	0.22	1.2	0.136	2.75	23.1	18.9	0.79	338	0.97	1.52	8.6	2.5	560
N810946		2.48	18.10	0.20	1.1	0.164	2.54	23.6	18.2	0.85	337	9.30	1.15	7.2	2.4	470
N810947		2.93	19.20	0.23	1.5	0.162	2.64	27.6	16.4	0.90	375	0.71	2.28	9.1	2.3	620
N810948		3.07	16.00	0.11	1.3	0.129	2.65	25.7	13.9	0.94	399	1.23	2.17	7.8	2.5	600
N810949		5.30	14.95	0.17	1.3	0.955	3.00	22.3	23.4	0.71	2050	12.45	0.27	7.4	16.1	500
N810950		3.20	15.75	0.14	1.1	0.176	2.53	26.7	10.4	0.91	425	0.59	2.18	7.9	2.3	590
N810951		3.08	15.85	0.14	1.2	0.139	2.42	24.4	9.1	0.83	419	0.37	2.09	8.1	2.2	580
N810952		3.20	16.15	0.15	1.2	0.160	2.56	27.4	10.3	0.94	432	0.38	2.30	8.3	2.3	620
N810953		2.45	15.95	0.14	1.2	0.189	2.99	20.9	13.1	1.01	408	1.97	1.69	8.1	2.1	630
N810954		2.69	16.35	0.16	1.2	0.176	2.90	22.6	9.1	0.85	401	0.81	2.18	8.2	2.2	580
N810955		2.62	16.50	0.17	1.2	0.206	2.91	23.5	8.3	0.84	366	1.00	2.28	7.9	2.2	580
N810956		2.46	12.40	0.15	0.9	0.317	2.67	17.7	8.1	0.72	369	1.13	1.17	6.5	1.7	490
N810957		0.52	0.35	0.07	<0.1	0.008	0.06	0.8	1.0	12.80	228	0.09	0.02	0.3	1.7	170
N810958		2.39	12.25	0.13	0.9	0.265	2.58	23.2	6.8	0.73	344	0.90	1.40	6.2	1.9	470
N810959		2.62	16.25	0.09	1.0	0.288	2.82	21.3	8.0	0.84	393	0.57	2.17	8.0	2.7	550
N810960		2.87	15.85	0.11	1.1	0.242	2.91	26.6	9.4	0.83	379	0.58	1.96	7.5	2.5	540
N810961		3.52	15.85	0.13	1.0	0.327	3.24	23.5	9.0	0.82	411	2.40	1.63	7.2	2.6	520
N810962		2.65	15.90	0.10	1.1	0.249	2.89	22.6	9.6	0.79	407	0.51	2.19	7.7	2.4	520
N810963		3.70	16.90	0.12	1.0	0.414	2.69	24.4	9.3	0.96	496	1.49	1.73	7.1	4.0	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810928		23.9	116.5	<0.002	0.57	3.96	11.6	1	2.4	299	0.69	0.28	13.1	0.255	1.68	4.7
N810929		34.6	118.5	<0.002	0.28	18.75	12.6	1	2.3	85.4	0.71	0.06	14.5	0.267	1.35	2.9
N810930		2730	161.0	<0.002	4.57	87.7	8.4	1	8.0	91.6	0.46	0.39	10.4	0.178	2.21	5.0
N810931		19.7	112.0	<0.002	0.42	5.12	11.6	1	3.3	285	0.67	0.09	13.3	0.249	1.32	4.0
N810932		30.2	106.0	<0.002	0.33	5.40	11.5	1	2.6	327	0.74	0.06	12.4	0.265	1.53	4.2
N810933		30.8	122.5	<0.002	0.55	5.40	11.5	1	2.3	295	0.68	0.07	14.4	0.241	1.42	4.3
N810934		26.5	119.5	<0.002	0.39	5.10	11.4	1	2.3	297	0.69	0.06	13.7	0.251	1.34	4.0
N810935		34.7	114.5	<0.002	0.43	21.9	12.5	1	2.7	104.0	0.69	0.08	14.7	0.247	1.42	4.6
N810936		207	66.9	<0.002	1.34	31.5	10.7	1	3.2	159.0	0.62	0.15	10.8	0.225	1.70	7.4
N810937		29.4	71.6	<0.002	0.81	23.0	11.1	1	2.8	153.5	0.64	0.08	12.4	0.229	1.67	10.0
N810938		88.4	110.5	<0.002	1.72	20.2	9.4	1	4.3	221	0.58	0.05	11.6	0.203	2.45	11.8
N810939		443	124.0	<0.002	>10.0	43.5	7.5	4	9.5	20.8	0.28	2.58	8.9	0.125	1.94	5.8
N810940		3.1	4.5	<0.002	0.02	0.20	0.5	1	<0.2	42.6	<0.05	<0.05	0.2	0.008	0.03	0.6
N810941		44.6	180.0	<0.002	7.04	9.53	8.7	3	8.6	35.4	0.34	1.02	11.4	0.140	2.59	3.5
N810942		49.0	178.0	<0.002	1.40	10.90	12.6	1	3.5	90.2	0.62	0.52	13.3	0.236	2.42	4.8
N810943		18.7	121.5	<0.002	0.33	18.70	12.2	1	2.5	74.0	0.71	0.10	14.6	0.261	1.49	3.7
N810944		19.7	114.0	<0.002	0.36	18.30	11.3	1	3.3	85.6	0.67	0.08	12.8	0.251	1.43	3.6
N810945		18.2	95.9	<0.002	0.40	5.70	11.2	1	3.1	256	0.67	0.08	12.1	0.246	1.38	3.1
N810946		18.9	119.0	0.002	0.80	5.96	10.1	1	2.6	215	0.56	0.13	11.5	0.202	1.58	3.2
N810947		21.9	93.1	<0.002	0.36	4.16	12.5	1	2.7	346	0.75	0.05	14.4	0.255	1.29	4.1
N810948		20.0	95.4	<0.002	0.42	4.52	11.0	1	2.4	350	0.71	<0.05	12.6	0.252	1.39	3.7
N810949		1390	160.0	<0.002	3.16	32.0	9.5	1	5.8	155.5	0.65	0.26	11.7	0.214	2.47	4.8
N810950		29.5	101.5	<0.002	0.50	4.13	11.2	1	2.3	341	0.70	0.06	13.9	0.252	1.41	3.7
N810951		20.9	89.6	<0.002	0.46	2.13	10.9	1	2.3	311	0.70	0.05	13.2	0.249	1.32	3.6
N810952		21.1	89.6	<0.002	0.43	2.80	11.4	1	2.0	392	0.74	0.08	13.4	0.266	1.31	4.0
N810953		42.3	115.5	<0.002	0.61	3.67	11.2	1	4.3	290	0.71	0.08	13.6	0.263	1.81	3.5
N810954		24.2	97.6	<0.002	0.43	2.80	10.7	1	2.9	346	0.70	0.12	12.9	0.247	1.44	3.5
N810955		42.4	107.0	<0.002	0.63	3.38	10.9	1	2.3	361	0.69	0.09	13.0	0.237	1.42	3.7
N810956		53.3	122.0	<0.002	1.04	4.64	9.1	1	2.6	215	0.55	0.17	11.6	0.199	1.72	3.4
N810957		1.8	3.1	<0.002	0.03	0.08	0.4	1	0.2	46.8	<0.05	<0.05	0.2	0.005	0.04	0.4
N810958		39.3	102.5	<0.002	1.00	3.71	8.8	1	2.5	244	0.57	0.17	11.8	0.202	1.47	3.9
N810959		39.3	95.9	<0.002	0.68	5.52	10.1	1	2.0	328	0.65	0.17	12.5	0.260	1.49	4.0
N810960		23.1	114.5	<0.002	0.52	3.69	10.1	1	2.0	285	0.61	0.10	14.4	0.244	1.45	4.2
N810961		32.9	127.5	<0.002	1.23	2.68	9.7	1	3.8	257	0.61	0.46	13.4	0.231	1.79	4.5
N810962		67.1	94.9	<0.002	0.39	2.71	9.9	1	1.8	345	0.65	0.10	13.7	0.241	1.26	4.2
N810963		27.8	121.5	<0.002	1.52	3.22	10.3	1	3.2	268	0.60	0.16	15.1	0.235	1.56	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N810928		68	2.6	16.0	71	35.7	<1
N810929		71	5.2	16.6	84	38.8	<1
N810930		54	4.9	10.0	5190	23.4	26
N810931		67	2.6	16.0	54	35.4	<1
N810932		71	2.7	16.8	83	36.2	<1
N810933		65	2.6	15.6	61	35.1	<1
N810934		67	2.5	14.9	61	36.6	<1
N810935		66	4.3	16.1	80	38.7	<1
N810936		64	5.1	12.3	148	33.6	1
N810937		64	4.9	13.3	95	34.2	<1
N810938		59	5.0	14.1	233	31.6	1
N810939		56	7.5	5.5	1390	21.5	3
N810940		4	0.2	1.1	18	0.5	<1
N810941		62	6.4	10.6	108	25.6	1
N810942		70	2.6	15.8	126	32.6	<1
N810943		68	4.5	14.8	61	36.3	<1
N810944		64	4.4	14.4	57	34.8	<1
N810945		65	2.2	15.7	60	31.6	1
N810946		68	3.8	12.4	57	30.2	1
N810947		69	3.1	18.2	59	39.5	<1
N810948		71	4.2	15.2	62	34.9	1
N810949		61	5.5	11.3	3130	42.6	10
N810950		73	2.0	15.8	78	32.4	<1
N810951		69	1.9	16.6	69	35.3	<1
N810952		74	1.7	17.7	77	36.1	1
N810953		73	2.5	13.3	102	34.2	1
N810954		69	2.3	16.7	79	34.0	1
N810955		70	1.4	17.1	93	34.4	<1
N810956		58	2.1	14.8	129	25.1	1
N810957		3	0.1	0.9	16	0.6	<1
N810958		58	1.4	14.7	94	25.1	1
N810959		66	1.5	16.3	117	25.7	1
N810960		60	2.1	16.7	68	26.5	1
N810961		59	2.5	18.5	91	24.8	1
N810962		62	1.2	18.4	153	28.2	1
N810963		67	2.4	19.8	124	24.0	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206367

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206368

Project: Klaza-121

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

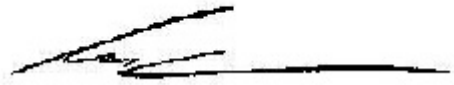
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206368

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810964		5.14	0.011	0.22	8.01	14.8	2450	1.57	1.04	2.51	0.26	53.9	6.3	12	8.70	13.9
N810965		0.26	0.744	9.45	6.82	1745	1070	1.34	6.08	1.99	40.3	43.9	15.8	19	16.55	110.0
N810966		6.15	0.032	0.26	7.43	14.6	2270	1.54	1.61	2.61	0.26	44.0	5.5	9	8.66	12.6
N810967		5.38	0.026	0.42	7.71	17.7	2310	1.40	1.41	2.16	0.60	52.4	6.4	8	12.00	29.3
N810968		3.74	0.008	0.23	7.94	13.7	1830	1.33	0.69	1.05	0.62	46.9	6.3	7	17.50	13.7
N810969		3.34	0.019	0.39	7.06	12.6	2130	1.47	1.30	2.44	1.38	44.2	6.7	7	13.80	32.9
N810970		6.86	0.014	0.36	7.41	12.6	2390	1.50	0.94	2.36	1.34	47.4	6.1	9	13.40	28.0
N810971		3.03	0.059	1.13	7.07	55.4	1250	1.45	6.39	2.03	1.03	57.1	8.8	7	19.40	36.8
N810972		1.30	<0.005	0.02	0.08	<5	30	<0.05	0.02	20.4	0.06	1.11	0.6	<1	0.21	1.6
N810973		4.27	0.026	0.28	7.03	27.2	880	1.41	0.87	2.22	0.73	42.3	5.8	6	20.8	12.1
N810974		2.47	0.085	0.52	5.60	46.5	1220	1.10	1.85	4.25	1.37	40.9	12.2	5	12.45	32.1
N810975		4.05	0.083	0.56	6.30	35.3	1090	1.22	1.87	4.83	1.36	39.1	6.5	6	14.60	34.3
N810976		2.45	0.152	0.52	7.15	33.5	2260	1.31	1.42	2.03	0.25	44.7	6.1	7	10.60	141.5
N810977		3.31	0.068	0.20	7.58	9.4	2070	1.34	0.87	2.23	0.24	43.3	4.8	9	8.92	14.0
N810978		1.43	0.088	0.25	7.66	7.9	2100	1.22	0.94	1.97	0.29	43.5	4.3	8	8.89	15.7
N810979		2.80	0.071	0.28	7.24	13.0	2350	1.44	0.77	2.29	0.21	42.1	7.0	10	8.35	32.0
N810980		4.28	0.237	0.26	7.77	21.4	2340	1.45	0.99	2.20	0.27	49.2	6.4	11	7.34	30.3
N810981		3.98	0.049	0.23	7.44	14.6	2680	1.49	1.12	2.14	0.22	44.7	8.6	10	5.49	7.2
N810982		2.77	0.152	0.53	7.23	17.5	2010	1.33	2.45	2.18	0.71	48.4	11.7	10	3.66	49.6
N810983		4.74	0.019	0.16	7.73	12.7	2330	1.54	0.51	2.27	0.17	47.2	6.3	11	6.65	17.6
N810984		3.39	0.007	0.15	6.67	10.9	2160	1.44	0.45	2.12	0.36	44.4	5.5	9	6.97	11.4
N810985		2.51	0.006	0.16	7.11	18.3	2020	1.43	0.90	2.45	0.25	45.0	6.0	8	9.16	12.6
N810986		3.98	0.010	0.09	6.91	11.8	2150	1.54	0.50	2.48	0.18	46.9	6.3	11	6.99	10.7
N810987		0.26	2.18	26.7	5.70	3030	600	1.19	19.15	2.24	78.5	41.1	10.7	18	14.70	436
N810988		7.74	0.015	0.39	6.87	12.5	2190	1.50	0.53	2.15	0.25	47.0	6.6	10	6.70	12.1
N810989		3.99	0.126	0.62	6.96	31.4	2370	1.30	2.31	2.37	0.71	41.8	6.9	8	12.35	21.3
N810990		2.64	0.009	0.47	6.76	8.5	2260	1.39	2.79	2.55	0.90	42.1	5.1	8	10.40	23.9
N810991		2.32	0.084	0.90	6.72	72.8	80	1.58	3.71	2.93	0.66	42.3	28.2	6	13.30	21.4
N810992		3.55	0.054	0.55	6.99	12.8	1200	1.52	2.43	2.40	0.89	66.9	7.5	9	12.85	20.8
N810993		1.91	0.129	3.81	7.32	137.5	240	1.48	11.85	1.30	5.62	62.4	6.3	8	11.80	166.0
N810994		6.90	0.073	1.90	7.56	54.2	950	1.45	5.04	1.44	4.24	60.0	6.5	9	14.75	100.0
N810995		<0.02	0.063	1.68	7.16	51.1	1000	1.38	4.77	1.33	3.76	54.3	6.3	13	13.65	95.2
N810996		6.93	0.197	2.19	7.63	107.5	2190	1.34	12.15	2.13	1.85	47.2	8.1	9	12.20	125.5
N810997		2.78	0.356	5.56	6.75	354	150	1.30	28.2	1.46	4.30	47.6	8.2	7	13.50	379
N810998		4.73	0.123	1.83	7.08	115.0	1180	1.50	5.54	2.77	3.87	50.6	8.6	7	16.95	154.0
N810999		2.80	<0.005	0.07	0.08	<5	50	0.07	0.10	20.5	0.07	1.60	0.6	<1	0.21	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810964		3.14	17.40	0.10	1.4	0.122	3.25	27.7	12.7	0.91	415	1.23	2.54	8.6	2.9	590
N810965		5.59	14.90	0.12	1.2	0.915	2.99	22.4	23.8	0.73	2010	12.35	0.28	7.2	15.5	500
N810966		3.21	16.50	0.10	1.4	0.182	3.15	20.9	12.6	0.86	435	2.14	2.09	8.2	2.5	560
N810967		2.99	17.30	0.11	1.3	0.246	3.14	26.1	17.2	0.62	368	0.62	1.38	8.4	2.6	560
N810968		2.72	17.60	0.09	1.3	0.111	2.87	23.4	30.4	0.40	515	0.66	0.09	8.4	2.7	580
N810969		2.83	16.40	0.11	1.2	0.160	2.93	21.1	17.4	0.77	405	0.63	2.12	7.9	2.5	540
N810970		2.99	16.75	0.11	1.3	0.148	2.89	23.4	18.5	0.69	447	0.82	1.73	8.1	2.6	570
N810971		3.77	15.60	0.13	1.2	0.275	2.60	31.5	34.9	0.73	663	0.89	0.07	6.7	2.1	530
N810972		0.45	0.21	<0.05	<0.1	0.007	0.03	0.6	0.9	12.65	196	0.10	0.01	0.2	1.5	150
N810973		2.51	14.90	0.07	1.2	0.155	2.42	22.9	34.0	0.71	517	1.37	0.04	7.2	1.8	520
N810974		3.26	11.80	0.08	0.8	0.158	2.17	21.4	20.6	0.98	884	5.13	0.04	5.7	2.1	420
N810975		3.20	14.50	0.08	1.0	0.209	2.33	19.8	18.0	0.64	635	0.92	0.42	7.4	2.0	510
N810976		3.24	15.20	0.07	1.3	0.085	2.54	21.7	20.1	0.53	437	1.90	0.94	7.8	2.1	550
N810977		2.97	15.85	0.07	1.3	0.076	2.92	23.5	17.4	0.55	373	0.69	1.62	8.3	2.1	590
N810978		2.95	16.55	0.08	1.3	0.088	2.99	25.1	18.6	0.48	363	0.80	1.46	8.7	2.0	590
N810979		3.06	15.75	0.09	1.3	0.106	2.84	21.2	17.1	0.86	407	0.50	2.28	8.3	2.4	580
N810980		3.09	16.40	0.09	1.2	0.079	2.89	28.3	13.9	0.88	402	0.65	2.46	8.4	2.4	580
N810981		2.95	15.45	0.08	1.2	0.100	2.79	25.0	10.7	0.81	352	0.67	2.46	7.9	2.2	550
N810982		2.65	15.50	0.06	1.2	0.135	2.58	24.5	9.4	0.74	330	2.19	2.27	7.7	2.2	540
N810983		3.04	15.65	0.09	1.5	0.056	2.69	25.5	9.6	0.85	365	1.36	2.50	8.1	2.3	570
N810984		2.70	15.25	0.10	1.5	0.077	2.63	22.5	10.4	0.79	409	0.64	2.32	7.7	2.3	540
N810985		2.91	15.85	0.09	1.4	0.086	2.68	23.0	12.8	0.79	435	0.78	2.02	7.6	2.3	550
N810986		2.72	15.00	0.09	1.4	0.086	2.67	23.7	11.4	0.74	388	0.58	1.99	7.3	2.2	530
N810987		6.29	13.80	0.11	0.9	1.705	2.68	22.0	24.8	0.89	1890	12.70	0.04	5.9	15.7	430
N810988		2.68	15.75	0.12	1.4	0.075	2.76	24.5	11.8	0.79	390	1.09	2.32	7.8	2.3	560
N810989		3.29	14.10	0.11	1.3	0.192	3.20	21.5	15.0	0.66	536	0.73	0.91	6.9	2.1	530
N810990		2.76	14.85	0.12	1.2	0.096	2.82	21.0	12.2	0.65	539	0.79	1.72	7.3	2.3	530
N810991		7.09	15.95	0.12	1.1	0.226	3.12	19.9	21.2	0.85	1420	4.27	0.26	6.4	12.8	510
N810992		3.41	15.95	0.11	1.0	0.395	2.43	39.6	12.5	0.66	447	1.84	1.37	6.6	2.3	570
N810993		5.05	16.35	0.13	1.2	0.338	3.21	34.7	18.2	0.59	483	0.68	0.39	7.5	2.6	580
N810994		4.97	17.15	0.10	1.3	0.498	3.41	31.4	28.5	0.84	841	0.59	0.24	7.7	2.5	620
N810995		4.68	16.20	0.11	1.1	0.433	3.24	29.2	26.9	0.79	777	0.53	0.23	7.2	2.5	580
N810996		3.39	16.10	0.12	1.2	0.281	3.05	23.2	23.0	0.67	631	0.66	0.89	8.0	2.6	610
N810997		6.07	15.95	0.11	1.2	0.573	3.04	25.2	12.0	0.67	573	1.40	0.04	6.7	2.4	480
N810998		3.28	15.30	0.10	1.2	0.330	2.95	27.5	23.9	0.98	908	1.13	0.09	7.1	2.3	550
N810999		0.46	0.26	0.07	<0.1	0.009	0.04	0.7	1.4	12.30	202	0.08	<0.01	0.2	1.4	450

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N810964		22.3	115.0	<0.002	0.41	2.25	10.8	1	1.9	415	0.75	0.08	15.8	0.274	1.35	4.9
N810965		1405	167.5	0.002	3.23	32.7	8.7	1	5.4	146.5	0.59	0.25	12.4	0.217	2.44	5.2
N810966		20.8	115.5	<0.002	0.71	2.82	10.0	1	2.4	330	0.71	0.25	12.9	0.262	1.62	4.3
N810967		31.2	121.0	<0.002	0.79	7.88	10.4	1	2.8	241	0.68	0.23	14.4	0.266	1.64	4.2
N810968		25.2	117.0	<0.002	0.38	18.75	10.7	1	1.9	71.5	0.70	0.08	14.8	0.268	1.59	3.9
N810969		54.2	103.0	<0.002	0.71	2.93	10.0	1	1.8	333	0.65	0.17	12.3	0.258	1.46	4.0
N810970		48.0	109.5	<0.002	0.40	4.92	10.5	1	1.8	301	0.68	0.08	13.4	0.259	1.49	3.9
N810971		43.3	125.0	<0.002	1.61	19.65	9.6	2	5.4	85.6	0.58	0.14	14.2	0.230	1.98	4.5
N810972		1.6	1.4	0.002	<0.01	0.12	0.2	1	<0.2	36.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810973		28.8	87.6	<0.002	0.75	14.35	9.3	1	2.3	92.7	0.55	0.09	12.0	0.221	2.08	5.4
N810974		52.2	108.5	0.002	1.73	20.0	8.2	1	3.4	129.0	0.43	0.27	10.1	0.177	1.87	4.1
N810975		34.1	76.3	<0.002	1.45	13.25	9.5	1	4.3	192.0	0.55	0.31	10.2	0.221	1.78	4.1
N810976		23.9	86.4	<0.002	0.74	21.8	9.4	2	2.3	226	0.60	0.41	11.5	0.243	1.39	3.5
N810977		18.4	100.0	<0.002	0.50	5.33	10.1	1	2.4	255	0.63	0.22	12.9	0.254	1.44	3.5
N810978		20.4	106.0	0.003	0.52	6.24	10.5	2	2.7	233	0.66	0.21	12.6	0.261	1.52	3.4
N810979		19.2	88.6	0.002	0.45	2.82	10.3	1	2.4	355	0.64	0.15	11.9	0.254	1.38	3.7
N810980		21.1	105.5	0.003	0.45	2.29	10.7	1	2.2	400	0.63	0.26	14.7	0.254	1.32	4.5
N810981		22.0	93.2	0.002	0.87	1.50	9.8	2	1.9	378	0.63	0.31	13.2	0.239	1.36	4.1
N810982		49.1	110.5	<0.002	0.84	2.13	10.1	2	2.6	306	0.61	1.03	13.3	0.235	1.49	4.4
N810983		18.8	94.7	<0.002	0.43	1.19	10.5	2	1.7	417	0.69	0.12	13.6	0.246	1.24	4.6
N810984		19.9	93.1	0.004	0.14	1.17	10.4	1	1.8	407	0.61	0.08	13.3	0.233	1.08	4.2
N810985		21.6	91.6	0.002	0.36	1.66	9.8	1	2.2	352	0.61	0.11	12.8	0.239	1.11	4.0
N810986		19.5	89.9	0.003	0.32	1.28	9.7	<1	1.8	316	0.60	0.06	13.5	0.238	1.01	3.9
N810987		2760	157.0	0.004	4.60	88.5	8.0	1	7.9	89.1	0.48	0.37	10.3	0.184	2.32	5.1
N810988		22.1	95.3	0.003	0.25	1.28	10.2	<1	1.8	375	0.63	0.09	13.8	0.241	1.08	4.3
N810989		57.5	112.5	<0.002	1.18	5.29	9.1	1	3.5	225	0.60	0.14	12.1	0.233	1.97	3.7
N810990		56.0	92.7	<0.002	0.22	2.59	9.2	<1	2.3	327	0.61	0.08	12.5	0.230	1.53	3.6
N810991		53.2	123.0	0.004	6.19	10.70	8.3	2	6.8	123.0	0.52	0.29	10.9	0.207	2.46	4.7
N810992		37.3	93.3	0.004	1.54	4.68	9.8	1	4.3	238	0.55	0.52	11.5	0.219	2.14	4.1
N810993		255	138.0	0.002	3.14	14.50	11.0	2	10.5	117.0	0.58	1.49	12.8	0.253	2.52	4.5
N810994		141.0	156.0	0.002	1.81	10.15	11.2	1	8.4	107.0	0.58	0.28	13.4	0.255	2.79	4.3
N810995		131.5	151.5	0.003	1.67	9.45	10.6	1	7.8	103.0	0.56	0.22	12.8	0.236	2.63	4.1
N810996		104.0	111.5	0.003	1.24	8.12	10.6	1	3.8	238	0.62	0.17	12.6	0.265	1.90	4.3
N810997		222	167.5	0.002	5.81	13.05	9.4	4	9.1	57.2	0.56	0.56	12.3	0.212	2.88	4.9
N810998		247	130.0	0.002	1.90	6.48	9.5	1	5.9	140.0	0.58	0.36	13.1	0.231	2.77	4.4
N810999		2.0	1.5	0.003	0.01	0.11	0.2	<1	0.2	51.7	<0.05	<0.05	0.2	<0.005	<0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
N810964		68	1.0	18.4	60	35.9	<1
N810965		57	5.3	11.4	2950	34.0	10
N810966		64	2.2	16.8	62	34.2	<1
N810967		64	2.4	15.8	83	32.0	<1
N810968		63	4.6	14.1	77	32.7	<1
N810969		63	1.4	14.1	125	29.7	1
N810970		64	1.8	15.2	119	31.3	1
N810971		62	6.6	14.1	113	28.6	1
N810972		2	0.1	0.7	12	<0.5	<1
N810973		61	3.4	11.0	89	29.1	1
N810974		54	3.7	12.5	123	20.5	1
N810975		63	3.8	14.4	153	27.0	1
N810976		63	4.5	13.2	57	31.5	1
N810977		67	4.6	14.8	47	34.6	<1
N810978		68	5.7	14.5	44	32.3	<1
N810979		68	1.4	15.0	49	30.7	<1
N810980		67	1.2	16.4	52	33.2	<1
N810981		63	1.1	14.6	49	29.6	<1
N810982		68	1.3	15.4	78	28.9	1
N810983		65	1.1	15.5	40	36.7	<1
N810984		63	1.1	15.9	53	36.7	1
N810985		64	2.2	15.7	47	36.4	<1
N810986		65	2.0	14.6	43	35.8	<1
N810987		56	5.1	9.2	5470	25.0	25
N810988		66	1.3	16.8	46	36.0	<1
N810989		64	3.5	12.3	102	28.2	1
N810990		63	1.6	13.3	118	30.8	1
N810991		62	4.3	13.5	87	27.3	1
N810992		69	2.4	14.5	127	23.6	1
N810993		72	10.9	12.3	560	29.2	4
N810994		72	9.5	12.8	406	28.9	2
N810995		66	8.9	12.0	354	27.6	2
N810996		72	4.2	14.5	189	29.1	2
N810997		58	9.6	10.3	372	28.1	5
N810998		64	5.5	13.7	415	29.7	2
N810999		2	0.1	1.0	17	<0.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206368

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12206369

Project: Klaza-121

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

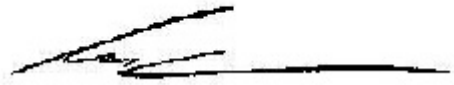
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206369

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811000		3.00	0.369	4.10	7.17	189.0	200	1.48	7.34	0.89	18.35	50.0	6.2	7	11.95	212
N812566		2.31	0.054	0.38	5.75	39.4	1120	1.57	0.99	1.92	0.33	28.8	10.0	7	11.85	71.8
N812567		3.82	0.023	0.25	7.16	24.6	2030	1.51	0.70	2.37	0.33	41.1	6.6	8	11.60	16.2
N812568		2.85	0.343	6.25	6.93	163.5	380	1.38	978	2.22	1.31	51.2	9.6	9	14.15	1910
N812569		6.71	0.072	0.69	7.25	48.8	1910	1.57	5.27	2.58	1.41	44.3	6.1	9	12.60	72.8
N812570		<0.02	0.059	0.61	7.14	45.6	1880	1.48	4.89	2.51	1.34	41.6	6.0	9	12.30	70.9
N812571		3.07	0.182	1.31	7.55	122.5	810	1.59	4.94	2.27	4.36	50.1	9.7	9	12.45	88.4
N812572		6.02	0.049	0.22	7.43	22.0	2080	1.51	1.08	2.46	0.23	46.7	7.3	9	12.15	21.7
N812573		0.26	2.21	25.6	6.09	3260	640	1.28	20.4	2.20	76.5	40.5	10.3	18	13.90	429
N812574		5.10	0.028	0.32	7.39	12.9	2090	1.55	1.14	2.24	0.48	47.4	8.2	8	10.15	22.9
N812575		5.57	0.026	0.27	7.73	13.7	2120	1.44	0.70	1.98	1.06	46.1	7.7	8	13.30	10.6
N812576		3.72	0.925	10.10	6.52	977	60	1.22	104.0	1.56	1.13	35.3	13.3	6	11.20	800
N812577		2.04	<0.005	0.02	0.09	<5	30	0.08	0.25	20.3	0.06	1.37	1.2	<1	0.27	3.3
N812578		3.35	0.158	0.94	7.46	97.5	160	1.59	4.89	0.70	1.13	61.0	11.7	9	9.91	78.6
N812579		2.79	0.143	0.42	7.52	165.0	1680	1.57	1.48	1.82	0.91	44.3	7.2	7	20.4	36.4
N812580		6.52	0.327	0.46	7.45	50.1	1310	1.45	1.03	2.65	0.63	47.0	10.3	7	15.20	21.0
N812581		2.40	1.235	1.58	7.41	292	310	1.32	3.79	1.68	0.84	54.2	9.2	7	14.00	145.0
N812582		3.92	0.553	0.44	7.43	63.8	1400	1.54	2.11	2.47	0.53	45.9	7.6	7	17.45	42.1
N812583		2.52	0.077	0.92	7.75	64.3	700	1.46	4.61	1.74	0.88	47.2	10.4	7	13.80	83.1
N812584		3.53	0.434	2.40	7.07	141.5	170	1.39	60.7	1.93	0.90	43.6	7.9	7	13.25	266
N812585		2.59	1.220	2.48	7.59	180.5	1310	1.41	16.90	1.93	0.55	52.0	7.5	7	11.75	223
N812586		2.94	0.262	2.27	7.73	144.5	1150	1.22	27.7	1.87	0.48	48.2	7.1	7	14.85	373
N812587		3.62	0.531	3.61	5.47	315	120	1.12	86.7	0.94	1.82	38.8	11.0	6	18.35	511
N812588		2.25	<0.005	0.02	0.06	<5	20	0.06	0.25	19.85	0.06	1.09	1.4	<1	0.18	5.2
N812589		4.69	0.096	0.53	7.52	41.0	1300	1.44	21.7	1.70	0.78	50.1	5.2	8	10.60	66.5
N812590		4.54	0.299	2.07	7.21	91.2	720	1.41	21.5	2.30	1.82	62.0	6.9	7	13.65	215
N812591		4.70	0.188	1.65	7.05	115.0	310	1.44	12.50	1.62	2.08	48.1	7.2	7	11.05	146.5
N812592		3.27	0.031	0.29	7.90	13.9	1560	1.18	1.09	0.80	0.56	55.0	6.1	7	9.49	21.2
N812593		0.26	2.33	25.0	5.89	3140	750	1.33	19.35	2.12	75.4	40.3	10.1	17	13.80	415
N812594		3.54	0.043	0.33	7.70	19.4	1450	1.19	0.96	0.64	0.84	43.8	6.2	7	9.41	52.9
N812595		3.26	0.035	0.38	6.39	20.0	890	1.16	1.17	0.91	0.83	50.2	5.4	8	9.54	34.2
N812596		2.48	0.009	0.13	7.06	5.9	1990	1.41	0.31	0.80	0.12	32.9	6.3	7	11.60	14.9
N812597		0.79	0.011	0.15	8.38	8.4	1980	1.42	0.38	0.92	0.19	57.8	5.6	6	13.80	29.7
N812598		2.17	0.033	0.22	7.81	19.4	1470	1.43	1.01	1.53	0.22	45.6	7.1	7	14.50	19.6
N812599		5.72	0.009	0.15	6.83	8.6	2100	1.44	0.69	2.35	0.44	41.7	6.4	12	10.70	12.6
N812600		7.31	0.022	0.14	6.86	9.9	2840	1.39	0.58	2.23	0.28	44.1	5.6	10	10.45	11.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811000		4.43	18.10	0.16	1.2	1.065	3.23	26.6	9.7	0.53	683	4.18	0.04	6.9	2.3	510
N812566		2.90	17.15	0.22	1.3	0.154	3.18	13.3	31.7	0.54	590	2.31	0.69	8.0	2.7	580
N812567		2.88	17.15	0.15	1.3	0.121	2.89	20.6	20.2	0.71	534	1.22	1.60	7.9	2.7	560
N812568		4.13	16.45	0.19	1.1	1.250	3.06	27.1	14.2	0.74	702	1.16	0.78	7.1	2.7	520
N812569		3.14	17.25	0.14	1.4	0.163	3.06	22.5	17.7	0.76	725	0.91	1.35	8.1	2.6	570
N812570		3.10	16.35	0.13	1.4	0.157	3.00	21.0	17.6	0.74	706	1.04	1.34	7.8	2.6	570
N812571		3.86	17.95	0.16	1.4	0.657	2.92	27.0	20.2	0.76	485	2.17	1.37	7.8	2.8	550
N812572		2.92	17.30	0.15	1.2	0.112	2.82	24.1	24.8	0.77	411	2.32	2.07	7.8	2.8	590
N812573		6.79	14.85	0.19	0.9	1.630	2.59	22.2	26.5	0.92	1880	13.35	0.04	5.9	16.0	450
N812574		2.81	17.30	0.14	1.2	0.143	2.75	24.4	25.0	0.65	347	1.83	1.41	7.7	2.6	570
N812575		2.53	18.00	0.13	1.3	0.142	2.91	23.6	33.5	0.59	402	1.01	0.73	8.1	2.7	610
N812576		7.10	16.10	0.26	1.0	0.621	2.94	16.7	7.3	0.78	1080	8.68	0.05	5.4	2.5	430
N812577		0.48	0.34	0.05	<0.1	0.006	0.03	0.7	1.2	12.60	200	0.14	0.01	0.3	1.8	190
N812578		3.54	18.90	0.17	1.1	0.149	3.38	31.4	8.4	0.52	385	10.35	0.04	6.0	2.3	590
N812579		1.98	18.25	0.12	1.2	0.207	2.92	21.6	13.2	0.67	520	0.49	0.09	7.6	2.6	580
N812580		2.93	17.60	0.14	1.3	0.115	2.24	24.4	93.3	0.82	763	0.65	0.06	7.7	2.8	610
N812581		2.96	17.65	0.15	1.3	0.198	3.08	29.3	14.8	0.68	725	2.09	0.04	7.5	3.2	570
N812582		3.09	18.10	0.14	1.3	0.158	2.70	24.0	129.5	0.76	616	1.44	0.05	7.7	2.9	580
N812583		3.54	17.85	0.15	1.2	0.219	3.03	24.5	41.9	0.62	495	0.79	0.17	6.9	2.7	580
N812584		4.42	18.60	0.16	1.1	0.191	2.72	22.2	42.6	0.65	508	1.12	0.05	6.1	2.7	540
N812585		3.38	18.10	0.13	1.1	0.236	2.50	27.6	52.5	0.73	476	0.98	0.07	6.5	2.8	570
N812586		3.38	17.90	0.13	1.2	0.210	2.67	25.1	67.3	0.65	474	0.87	0.07	7.2	2.7	580
N812587		6.68	12.75	0.21	0.8	0.218	1.94	22.8	43.3	0.41	377	66.5	0.03	4.6	3.0	400
N812588		0.49	0.26	0.05	<0.1	0.005	0.02	0.5	1.1	12.30	212	0.30	<0.01	0.3	2.1	160
N812589		2.73	17.90	0.14	1.1	0.220	2.44	25.7	44.8	0.64	531	1.29	0.06	7.0	2.7	580
N812590		3.79	18.25	0.15	1.0	0.291	2.41	34.6	37.8	0.87	457	1.55	0.06	6.6	2.5	550
N812591		3.37	16.65	0.15	1.1	0.220	2.49	25.8	47.3	0.62	443	3.91	0.05	7.2	2.9	540
N812592		2.58	18.35	0.12	1.2	0.123	1.98	29.9	56.9	0.36	481	2.10	0.07	8.0	2.9	590
N812593		6.40	14.65	0.15	0.9	1.660	2.50	22.2	27.1	0.86	1810	13.45	0.04	5.8	15.9	420
N812594		2.29	18.05	0.11	1.2	0.176	2.01	21.7	55.8	0.30	421	0.87	0.07	7.7	2.6	580
N812595		2.67	16.20	0.12	1.0	0.238	1.57	27.7	43.2	0.32	164	0.87	0.38	7.0	2.6	490
N812596		3.35	18.35	0.18	1.4	0.061	2.83	15.6	49.8	0.58	195	1.60	0.39	8.3	2.8	570
N812597		3.27	18.95	0.14	1.5	0.075	2.87	31.2	49.8	0.56	182	1.87	0.34	9.1	2.7	650
N812598		2.67	18.25	0.12	1.3	0.117	2.52	23.6	52.2	0.65	337	2.36	0.46	8.3	2.6	590
N812599		2.68	16.25	0.12	1.2	0.120	2.50	21.9	21.0	0.78	411	1.68	2.31	8.8	2.7	580
N812600		2.66	16.40	0.15	1.0	0.090	2.69	22.9	17.0	0.80	408	0.87	2.33	8.5	2.7	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N811000		501	190.0	<0.002	4.19	17.70	9.7	2	15.6	52.0	0.58	0.25	12.8	0.212	3.02	3.7
N812566		25.4	84.1	<0.002	0.81	4.01	8.9	1	3.1	183.5	0.65	0.15	8.2	0.246	2.43	3.9
N812567		24.6	110.5	<0.002	0.27	2.24	10.1	1	2.3	302	0.64	<0.05	11.3	0.244	1.85	4.0
N812568		110.0	154.5	<0.002	2.47	11.35	9.5	7	6.3	197.0	0.59	0.55	10.7	0.218	2.39	4.1
N812569		46.6	124.0	<0.002	0.67	4.33	10.0	1	3.1	281	0.68	0.10	11.4	0.240	2.00	4.5
N812570		45.4	117.0	<0.002	0.66	4.16	9.6	1	3.0	278	0.66	0.10	10.9	0.237	1.95	4.2
N812571		92.3	144.5	<0.002	1.86	4.37	10.5	3	5.1	261	0.68	0.12	12.2	0.233	1.97	4.4
N812572		21.0	117.0	<0.002	0.37	2.01	10.5	1	2.7	335	0.64	0.08	12.2	0.245	1.58	4.9
N812573		2780	167.0	<0.002	4.68	88.0	7.9	2	7.6	94.0	0.47	0.40	10.0	0.176	2.30	5.1
N812574		25.0	110.5	<0.002	0.57	5.54	10.3	1	2.9	242	0.65	0.17	12.0	0.245	1.62	3.5
N812575		44.1	117.5	<0.002	0.40	6.63	11.0	2	2.9	183.5	0.68	0.08	12.5	0.258	1.87	4.0
N812576		89.0	162.0	<0.002	6.99	43.4	9.1	16	17.2	61.9	0.43	1.70	9.2	0.164	2.39	3.4
N812577		1.3	2.2	<0.002	0.01	0.14	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N812578		51.8	195.5	<0.002	3.23	10.05	10.7	3	7.6	43.3	0.51	1.21	11.5	0.195	3.14	3.3
N812579		51.5	137.0	<0.002	0.93	7.07	10.0	1	4.2	126.5	0.66	0.82	12.2	0.234	3.35	5.1
N812580		40.0	98.9	<0.002	0.84	4.78	10.4	1	3.0	189.0	0.65	0.18	11.5	0.243	2.22	3.7
N812581		61.7	190.0	<0.002	2.09	17.65	10.4	2	4.8	92.0	0.64	1.82	12.3	0.226	3.28	4.3
N812582		33.7	121.5	<0.002	1.18	6.79	10.3	2	3.9	149.0	0.64	0.63	11.8	0.240	2.68	4.8
N812583		66.7	144.0	<0.002	1.95	11.70	10.8	2	4.7	154.5	0.61	0.54	12.6	0.209	2.45	6.3
N812584		80.5	132.0	<0.002	3.34	15.35	10.1	2	6.9	121.0	0.51	2.02	10.8	0.198	2.15	4.3
N812585		59.5	144.0	<0.002	1.69	18.60	9.8	1	5.9	128.0	0.53	0.69	12.8	0.210	1.94	3.7
N812586		49.4	114.0	<0.002	1.50	28.6	10.5	2	3.9	120.5	0.60	1.70	11.9	0.232	2.09	4.1
N812587		154.5	117.0	0.003	6.66	142.0	7.2	10	9.5	185.0	0.38	5.86	9.0	0.144	2.03	6.3
N812588		1.5	1.5	<0.002	0.01	0.42	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N812589		53.8	122.0	<0.002	1.49	21.2	10.5	1	5.1	97.1	0.62	0.23	12.8	0.227	2.12	3.7
N812590		88.0	113.0	<0.002	2.71	39.9	9.8	4	7.1	98.2	0.57	3.05	11.9	0.201	2.25	3.5
N812591		119.0	127.0	<0.002	2.37	42.2	10.4	3	8.8	70.0	0.62	1.05	11.9	0.220	2.46	4.4
N812592		32.7	97.9	<0.002	0.58	29.6	11.5	1	3.4	74.7	0.71	0.24	14.7	0.244	1.08	4.1
N812593		2650	162.5	<0.002	4.44	86.2	7.8	2	7.6	92.8	0.45	0.36	9.8	0.170	2.25	5.0
N812594		22.1	94.3	<0.002	0.73	45.7	10.2	1	3.4	70.2	0.69	0.22	13.3	0.234	1.07	2.5
N812595		27.0	79.4	<0.002	0.72	23.8	8.7	1	4.2	86.7	0.62	0.31	11.8	0.208	1.01	3.9
N812596		18.6	89.6	<0.002	0.14	5.72	10.3	1	2.5	107.5	0.74	0.05	10.6	0.250	1.27	4.1
N812597		20.6	123.5	<0.002	0.20	9.60	11.3	1	3.0	108.5	0.81	0.10	15.2	0.269	1.25	4.2
N812598		18.5	99.4	<0.002	0.87	10.20	10.9	1	3.6	129.5	0.71	0.23	13.2	0.252	1.40	5.1
N812599		28.0	96.2	<0.002	0.54	2.15	11.1	1	2.2	366	0.71	0.12	12.0	0.250	1.19	4.0
N812600		22.2	101.0	<0.002	0.42	1.46	11.2	1	2.1	457	0.63	0.10	11.6	0.242	1.20	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206369

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811000		62	9.2	11.5	1670	33.3	5
N812566		68	3.2	11.1	73	36.5	1
N812567		66	2.2	15.0	76	36.5	1
N812568		60	7.8	14.2	143	33.2	7
N812569		65	3.4	15.2	156	41.4	1
N812570		65	3.3	14.3	154	39.1	1
N812571		64	3.2	16.2	371	41.4	2
N812572		68	2.0	16.5	57	35.2	1
N812573		55	5.2	10.3	5310	27.6	25
N812574		69	1.9	15.7	73	34.0	1
N812575		70	2.1	15.8	113	38.6	1
N812576		63	11.3	11.2	109	28.9	10
N812577		2	0.1	0.9	14	1.0	1
N812578		65	5.0	12.6	134	31.0	1
N812579		66	4.6	14.2	86	34.5	1
N812580		69	3.1	15.6	81	38.4	1
N812581		66	6.7	14.4	96	38.7	2
N812582		67	4.5	14.7	81	36.0	<1
N812583		65	4.2	14.8	107	34.1	1
N812584		63	5.4	14.5	102	32.2	3
N812585		64	3.9	14.2	74	33.2	4
N812586		67	5.4	14.2	92	34.0	3
N812587		46	8.5	10.7	154	25.5	4
N812588		2	0.1	0.8	14	<0.5	<1
N812589		68	3.4	14.5	85	31.1	1
N812590		62	3.8	14.3	175	27.7	2
N812591		63	6.0	14.3	199	31.3	2
N812592		67	5.1	15.5	59	33.6	1
N812593		54	5.1	10.2	5210	28.1	25
N812594		61	4.8	13.9	76	32.6	<1
N812595		51	3.6	15.3	78	29.8	1
N812596		66	4.2	13.5	49	38.4	1
N812597		70	4.4	19.0	46	43.3	<1
N812598		67	2.3	15.9	53	36.0	1
N812599		71	1.1	17.5	72	35.2	<1
N812600		69	1.1	17.8	59	32.7	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12206369

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207080

Project: Klaza-121

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

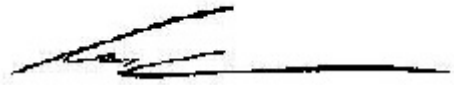
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207080

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812601		4.09	0.012	0.11	7.04	6.1	2800	1.65	0.52	2.59	0.20	45.5	6.7	17	10.15	12.0
N812602		4.48	0.065	0.23	7.18	12.5	2290	1.67	2.06	2.32	0.26	46.4	7.1	9	9.05	53.8
N812603		2.73	0.022	0.24	7.16	7.0	2200	1.66	1.01	2.09	0.37	47.8	5.2	9	8.45	20.9
N812604		4.61	0.081	0.52	7.15	18.3	2050	1.56	1.77	2.25	1.40	48.8	6.6	8	10.75	31.2
N812605		2.19	0.082	0.45	6.87	12.9	2070	1.51	1.36	2.47	1.61	46.9	7.5	7	11.35	26.1
N812606		4.07	0.051	2.96	7.13	62.6	1230	1.48	23.1	2.05	1.36	43.0	8.2	8	12.00	380
N812607		4.99	0.043	0.38	3.18	12.5	710	0.76	1.71	2.99	0.52	22.0	15.3	12	5.20	19.3
N812608		3.01	0.041	0.29	3.70	17.2	1810	0.98	2.14	2.53	0.33	28.2	5.7	11	12.90	45.6
N812609		2.16	<0.005	<0.01	0.05	<5	20	0.05	0.03	21.5	0.05	0.99	1.1	<1	0.24	1.7
N812610		4.92	0.052	0.57	6.26	15.0	2160	1.31	3.73	3.81	0.76	39.1	3.6	7	16.85	46.9
N812611		8.04	0.023	0.88	6.83	11.9	1890	1.39	8.61	2.63	1.29	44.2	6.9	10	10.85	82.7
N812612		0.26	0.769	9.44	6.46	1510	1510	1.38	6.21	1.92	38.3	41.2	17.0	20	16.40	103.0
N812613		7.96	0.025	0.33	7.18	17.7	1960	1.26	4.44	2.07	0.36	46.5	8.1	7	10.30	50.0
N812614		6.47	0.026	0.31	7.78	11.4	2530	1.80	2.15	1.64	0.33	45.6	10.4	8	10.30	59.1
N812615		2.89	0.149	0.59	5.05	39.0	1000	1.03	3.27	2.29	1.29	34.1	17.8	7	8.97	34.9
N812616		7.19	0.014	0.25	7.09	8.9	2040	1.48	1.44	2.15	0.27	45.8	6.6	8	8.28	45.4
N812617		0.26	2.21	25.9	5.66	2810	1520	1.36	18.70	2.26	74.0	41.7	11.1	19	14.60	442
N812618		4.43	0.015	0.17	7.07	10.3	1990	1.64	0.93	2.56	0.16	44.5	6.8	8	10.05	21.6
N812619		2.92	0.014	0.19	6.76	17.1	1750	1.38	1.20	3.21	0.24	39.5	6.0	7	14.30	18.9
N812620		<0.02	0.015	0.18	6.70	17.9	1770	1.40	1.18	3.28	0.25	38.2	6.5	10	14.45	20.1
N812621		3.10	0.063	0.26	7.11	450	1090	1.35	1.18	2.15	0.27	46.7	9.8	7	22.8	31.9
N812622		4.21	0.084	0.35	4.88	565	1230	1.12	1.13	1.74	0.39	34.7	11.1	7	23.0	47.8
N812623		3.56	0.070	0.27	7.20	118.0	1660	1.52	0.91	2.91	0.76	42.1	7.9	7	15.85	62.0
N812624		3.59	0.213	2.12	7.04	78.5	1180	1.66	1.45	3.19	2.39	44.6	7.4	7	13.65	22.3
N812625		5.46	0.154	6.76	6.99	103.0	500	1.36	83.2	1.22	4.60	47.1	8.4	8	9.05	140.0
N812626		1.94	<0.005	0.02	0.06	<5	20	0.05	0.11	21.2	0.05	1.13	1.1	<1	0.17	1.7
N812627		3.32	0.014	0.30	7.65	9.9	1990	1.59	0.97	1.55	0.72	51.6	7.0	8	11.65	14.3
N812628		2.72	0.503	1.05	6.87	86.9	750	1.53	3.37	1.42	1.27	52.1	10.8	8	11.75	87.0
N812629		6.36	0.110	0.56	7.06	36.5	940	1.57	2.32	2.65	0.64	46.3	8.4	7	9.16	60.4
N812630		4.70	0.022	0.17	7.30	8.9	1990	1.57	0.90	2.13	0.21	47.7	8.1	8	13.10	22.2
N812631		6.15	0.216	0.75	7.45	64.6	1110	1.36	3.25	1.36	0.56	53.6	9.3	8	12.65	87.6
N812632		3.82	0.512	4.68	6.02	200	740	1.36	9.36	1.58	4.28	56.8	6.7	23	13.75	202
N812633		4.58	1.000	13.60	7.11	233	850	1.37	3.12	0.87	4.42	51.4	6.6	7	9.81	3330
N812634		3.77	0.319	0.53	7.41	56.4	1730	1.48	1.01	2.04	0.59	47.1	6.2	7	14.10	59.9
N812635		5.48	0.361	1.47	7.26	84.1	1730	1.61	3.79	1.61	1.15	48.9	6.4	6	13.45	103.5
N812636		4.19	1.515	4.14	6.21	414	990	1.50	9.36	1.63	2.11	47.0	8.7	7	11.75	254

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207080

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812601		2.80	17.15	0.18	1.1	0.089	2.68	24.7	16.1	0.70	398	1.03	2.07	8.2	2.9	560
N812602		2.75	17.40	0.18	1.1	0.175	2.83	25.2	13.5	0.81	304	1.09	2.12	7.8	2.7	550
N812603		2.94	18.10	0.18	1.1	0.105	2.81	25.9	18.1	0.93	351	1.08	2.03	9.0	2.8	590
N812604		2.80	16.65	0.17	1.0	0.258	2.99	26.1	13.1	0.72	338	0.68	1.23	7.7	2.5	550
N812605		2.70	16.20	0.18	1.0	0.282	2.86	25.1	15.0	0.73	366	0.77	1.16	8.1	2.6	560
N812606		2.91	15.30	0.18	1.0	0.262	2.92	22.9	18.8	0.36	248	5.28	0.15	7.5	2.6	530
N812607		1.33	8.97	0.13	0.4	0.072	1.51	12.8	8.0	0.16	298	30.4	0.12	2.5	2.2	190
N812608		1.31	9.18	0.12	0.5	0.143	1.50	16.2	10.3	0.38	369	3.75	0.14	3.3	1.9	270
N812609		0.48	0.26	0.06	<0.1	<0.005	0.02	0.5	1.0	12.95	214	0.16	0.01	0.3	1.7	180
N812610		2.36	16.75	0.11	0.9	0.251	2.36	19.1	15.4	0.76	444	0.49	1.33	7.6	2.0	530
N812611		2.92	17.35	0.13	1.0	0.149	2.50	22.7	14.1	0.83	359	0.78	1.93	7.6	2.8	560
N812612		5.23	15.70	0.17	1.2	0.897	2.93	23.0	25.5	0.71	1980	12.00	0.27	7.8	15.6	500
N812613		2.85	17.35	0.15	1.0	0.105	2.63	25.6	27.4	0.47	293	0.71	1.01	8.2	2.9	590
N812614		2.76	17.95	0.17	1.3	0.111	3.23	25.7	25.0	0.98	229	2.71	1.02	7.3	2.5	600
N812615		2.75	12.30	0.13	0.8	0.081	2.24	20.3	20.7	0.52	204	6.48	0.57	4.9	3.0	370
N812616		2.73	16.55	0.18	1.2	0.101	2.65	25.4	21.0	0.88	303	2.12	1.96	8.0	2.5	570
N812617		6.61	14.90	0.19	0.9	1.680	2.70	23.8	26.6	0.91	1900	12.80	0.04	6.3	15.8	430
N812618		2.80	16.20	0.15	1.1	0.084	2.46	24.3	22.6	0.83	324	1.43	1.89	7.8	2.5	550
N812619		2.54	16.80	0.15	1.1	0.112	2.32	20.3	39.9	0.76	411	1.09	1.10	8.4	2.3	580
N812620		2.48	17.55	0.18	1.1	0.111	2.34	19.5	40.7	0.74	414	0.80	1.09	8.6	2.5	580
N812621		1.76	17.55	0.16	1.1	0.107	3.16	26.4	19.9	0.51	493	6.06	0.07	7.2	2.7	580
N812622		1.79	12.90	0.13	0.7	0.094	1.79	20.3	21.1	0.25	303	32.6	0.06	4.6	2.3	330
N812623		3.02	18.85	0.17	1.3	0.138	2.60	21.6	31.5	0.69	450	0.97	0.48	8.9	2.6	580
N812624		3.68	17.30	0.17	1.0	0.172	2.99	24.3	20.0	0.55	437	1.00	0.11	7.6	2.6	560
N812625		4.64	20.1	0.20	1.0	0.401	3.31	26.5	7.9	0.52	266	1.09	0.06	6.4	2.6	520
N812626		0.47	0.28	0.07	<0.1	0.005	0.03	0.6	0.9	12.70	214	0.11	<0.01	0.3	1.2	180
N812627		3.77	17.25	0.15	1.2	0.133	3.32	28.2	37.4	0.76	378	0.92	0.19	8.4	2.5	620
N812628		3.59	19.45	0.17	1.0	0.207	3.34	28.5	10.3	0.52	295	1.16	0.05	6.1	2.7	520
N812629		3.65	17.00	0.17	1.0	0.131	3.01	25.1	14.0	0.75	412	1.12	1.09	7.4	2.6	540
N812630		3.09	17.45	0.17	1.1	0.105	2.75	26.0	23.1	0.70	364	1.86	1.87	8.8	2.7	610
N812631		4.15	16.65	0.17	1.2	0.121	3.22	28.6	25.9	0.68	281	6.50	0.17	7.4	2.9	570
N812632		6.21	15.50	0.17	1.4	0.324	2.66	30.4	18.2	0.75	1350	2.33	0.04	6.4	7.3	560
N812633		4.64	18.35	0.19	1.0	1.810	3.47	28.9	19.2	0.51	632	1.93	0.10	7.4	2.3	570
N812634		3.18	17.20	0.16	1.0	0.108	3.12	25.4	30.4	0.78	629	0.89	0.09	8.1	2.4	590
N812635		3.45	17.55	0.18	1.0	0.141	3.23	27.6	26.0	0.70	647	1.47	0.08	7.7	2.5	560
N812636		5.10	17.10	0.20	0.9	0.270	3.05	28.0	14.0	0.74	727	3.82	0.05	5.1	2.6	480

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207080

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812601		16.0	89.6	<0.002	0.42	2.95	11.8	2	2.2	369	0.67	0.07	12.4	0.253	1.07	3.7
N812602		18.4	101.5	<0.002	1.01	2.02	11.7	2	3.9	309	0.69	0.53	14.0	0.239	1.30	4.1
N812603		27.2	99.4	<0.002	0.50	2.35	12.2	1	2.8	323	0.74	0.17	13.7	0.255	1.19	4.1
N812604		67.7	109.0	<0.002	1.36	4.75	11.6	2	5.4	219	0.65	0.14	14.8	0.233	1.58	4.5
N812605		69.2	110.5	<0.002	1.10	4.56	11.1	2	4.8	228	0.65	0.18	13.0	0.232	1.49	4.0
N812606		77.2	109.0	<0.002	2.29	24.7	10.5	5	6.5	101.5	0.66	1.54	13.6	0.233	2.07	3.8
N812607		15.9	90.7	0.006	0.91	5.10	4.5	1	1.1	88.7	0.22	0.50	5.5	0.078	0.91	2.1
N812608		13.5	80.5	<0.002	0.64	5.44	5.4	1	2.7	93.4	0.27	0.29	6.6	0.112	1.05	2.4
N812609		1.2	1.6	<0.002	<0.01	<0.05	0.3	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N812610		36.2	80.1	<0.002	0.76	3.56	9.7	1	5.2	242	0.62	0.47	10.0	0.228	1.53	3.4
N812611		81.3	94.6	<0.002	1.09	2.86	11.5	1	4.6	291	0.63	0.65	11.8	0.233	1.39	3.8
N812612		1390	154.5	0.002	3.07	32.6	9.7	1	5.8	148.5	0.60	0.28	11.3	0.212	2.27	4.9
N812613		30.0	90.4	<0.002	1.19	23.5	11.3	1	3.0	205	0.68	0.37	12.7	0.245	1.29	7.0
N812614		19.4	143.5	<0.002	1.66	2.09	12.0	2	3.7	190.0	0.64	0.57	15.5	0.228	1.91	4.5
N812615		67.9	137.0	0.003	2.19	4.98	7.8	2	2.9	164.5	0.45	1.18	10.3	0.151	1.40	3.5
N812616		29.7	96.2	<0.002	1.02	2.38	10.9	2	2.5	303	0.69	0.28	14.3	0.238	1.44	4.3
N812617		2870	151.5	<0.002	4.71	86.9	9.0	2	7.8	88.7	0.51	0.42	10.5	0.186	2.31	5.2
N812618		22.3	82.6	<0.002	0.51	1.90	11.3	1	1.8	329	0.69	0.21	13.8	0.245	1.15	4.3
N812619		17.6	70.7	<0.002	0.93	3.14	11.1	1	2.0	257	0.69	0.22	11.9	0.252	1.50	3.3
N812620		16.9	70.2	<0.002	0.92	3.24	11.3	1	2.0	260	0.71	0.25	11.0	0.254	1.42	3.2
N812621		27.9	148.0	<0.002	1.11	9.45	10.9	2	3.2	104.5	0.64	0.32	14.2	0.223	3.17	3.3
N812622		17.2	101.5	0.005	1.40	9.53	7.2	2	2.7	78.3	0.42	0.56	9.5	0.142	1.70	3.4
N812623		39.9	85.6	<0.002	1.27	4.66	11.4	2	4.9	165.5	0.77	0.13	12.6	0.253	1.91	4.2
N812624		108.5	123.5	<0.002	1.87	4.06	11.3	2	4.3	148.0	0.66	0.13	13.0	0.228	1.92	4.0
N812625		261	155.0	<0.002	4.36	6.55	11.6	5	13.6	42.4	0.55	0.47	14.1	0.202	1.89	3.6
N812626		1.5	1.4	<0.002	0.01	<0.05	0.2	1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N812627		41.5	131.5	<0.002	0.77	3.20	12.5	1	2.7	118.5	0.74	0.08	15.2	0.253	1.78	5.2
N812628		81.2	183.0	<0.002	3.19	6.67	11.0	2	13.6	58.5	0.53	0.32	14.1	0.194	2.11	3.4
N812629		41.1	117.0	<0.002	2.09	3.01	11.5	2	3.5	278	0.62	0.28	12.9	0.229	1.72	4.2
N812630		20.0	96.1	<0.002	0.61	4.67	12.5	1	2.8	325	0.71	0.11	12.8	0.267	1.25	3.6
N812631		49.3	144.5	<0.002	2.81	8.60	12.0	2	4.7	131.0	0.64	0.31	14.6	0.228	1.74	4.2
N812632		265	132.5	<0.002	6.16	48.3	11.4	2	10.6	65.5	0.50	0.66	9.5	0.220	2.19	5.3
N812633		133.0	153.5	<0.002	2.57	103.5	11.5	2	11.2	80.9	0.60	0.24	13.8	0.227	2.28	3.9
N812634		34.5	112.5	<0.002	0.58	11.65	11.7	1	4.1	130.0	0.65	0.05	13.8	0.243	1.89	4.2
N812635		54.4	136.0	<0.002	1.07	15.45	11.9	1	4.1	115.5	0.66	0.10	14.4	0.240	1.89	4.6
N812636		107.5	169.5	<0.002	4.68	40.6	10.0	2	10.0	74.2	0.42	0.37	12.6	0.168	2.01	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207080

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N812601		69	1.3	16.0	54	30.7	<1
N812602		67	1.5	15.5	66	28.0	<1
N812603		68	1.3	15.6	70	29.8	<1
N812604		68	2.3	13.5	156	26.8	<1
N812605		67	2.1	14.9	172	28.7	<1
N812606		67	11.4	12.0	146	28.2	3
N812607		49	1.6	7.5	36	11.8	<1
N812608		44	2.6	8.2	47	12.6	<1
N812609		2	0.1	0.7	13	<0.5	<1
N812610		64	4.2	13.6	95	25.5	<1
N812611		68	5.3	14.7	136	26.5	1
N812612		57	5.0	11.4	3000	36.4	10
N812613		69	4.6	16.5	68	28.0	<1
N812614		69	3.7	12.5	66	33.8	<1
N812615		54	2.5	11.1	98	21.3	<1
N812616		68	2.1	15.2	52	30.8	<1
N812617		57	5.2	9.4	5470	24.9	26
N812618		67	2.2	14.0	42	29.7	<1
N812619		69	2.0	13.0	43	28.2	<1
N812620		69	2.1	13.4	44	30.6	<1
N812621		68	5.5	11.1	59	29.4	<1
N812622		57	4.7	7.6	70	18.5	<1
N812623		70	2.8	13.1	104	35.5	<1
N812624		64	8.6	14.0	248	28.1	<1
N812625		63	9.1	9.8	433	26.9	7
N812626		2	0.1	0.8	14	<0.5	<1
N812627		70	2.5	14.2	107	29.5	<1
N812628		61	8.7	10.6	132	27.0	<1
N812629		66	2.7	13.9	82	26.2	<1
N812630		75	3.2	16.7	58	29.2	<1
N812631		66	4.0	14.9	71	31.5	<1
N812632		68	7.5	12.8	447	45.5	4
N812633		64	14.8	14.1	393	29.3	14
N812634		67	7.9	13.5	76	29.6	<1
N812635		67	6.0	13.5	121	28.5	1
N812636		56	6.7	10.5	186	26.1	5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207080

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207081

Project: Klaza-121

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

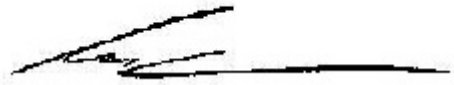
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207081

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812637		7.12	0.178	0.63	7.22	46.0	2180	1.23	0.84	1.90	1.47	47.7	7.4	13	13.15	43.6
N812638		2.49	0.598	0.84	7.65	111.5	1940	1.16	1.61	1.40	0.76	49.9	7.1	16	12.90	74.9
N812639		2.51	0.226	0.47	7.13	46.3	1730	1.40	1.02	2.81	0.95	47.3	9.2	12	18.65	30.2
N812640		5.31	0.026	0.14	6.86	25.3	1290	1.57	0.30	3.52	0.12	49.9	8.5	24	18.05	31.2
N812641		<0.02	0.025	0.14	6.94	25.7	1280	1.69	0.27	3.58	0.13	53.0	8.5	25	18.75	20.9
N812642		2.64	0.252	2.82	7.11	125.5	1510	1.56	7.79	2.79	3.26	47.4	9.3	10	17.20	435
N812643		6.75	0.203	0.51	7.81	50.7	2220	1.33	1.40	1.95	1.03	46.8	5.1	15	12.80	48.5
N812644		3.34	5.30	11.80	5.40	649	490	1.04	57.0	1.83	5.48	35.9	8.8	8	11.30	570
N812645		2.21	<0.005	0.01	0.07	<5	20	0.06	0.06	21.6	0.06	1.17	1.4	<1	0.22	1.8
N812646		5.98	0.561	1.69	7.05	69.9	1300	1.43	5.13	2.05	1.30	50.6	10.2	16	11.20	223
N812647		4.34	1.865	2.64	6.45	187.5	430	1.15	13.65	2.28	1.66	43.9	11.7	14	10.85	346
N812648		2.32	<0.005	0.02	0.06	<5	20	0.07	0.04	21.6	0.06	1.10	1.4	<1	0.19	1.8
N812649		2.83	0.331	2.19	7.25	179.0	1250	1.36	10.50	2.19	1.74	47.2	7.2	17	13.55	265
N812650		3.69	0.782	3.14	6.54	77.8	960	1.38	76.4	2.94	2.88	39.3	5.4	15	9.81	132.0
N812651		5.99	3.88	4.38	6.74	51.4	1220	1.24	123.5	2.59	2.32	45.6	10.3	24	9.86	698
N812652		6.56	0.595	1.55	7.22	53.3	1580	1.39	17.90	2.31	1.78	46.8	7.1	14	6.21	286
N812653		8.58	0.433	0.92	7.43	65.0	1930	1.47	7.30	2.28	0.82	44.4	7.7	19	7.42	206
N812654		0.26	4.44	>100	5.44	7170	490	1.11	58.6	2.05	226	30.8	9.5	20	11.00	1250
N812655		5.75	0.473	1.31	7.27	87.7	1620	1.42	8.74	2.21	1.49	43.2	8.0	11	8.49	221
N812656		2.94	1.790	2.03	6.88	74.7	1190	1.34	20.2	2.54	1.68	51.6	7.2	22	13.20	385
N812657		2.93	0.057	0.73	5.44	24.8	930	1.08	4.78	2.33	0.58	37.6	21.4	21	8.73	146.5
N812658		2.99	0.150	1.08	7.67	23.2	730	1.54	11.30	2.12	0.82	48.2	12.5	18	10.35	224
N812659		3.01	0.125	1.41	7.43	77.4	760	1.65	4.86	2.43	1.23	49.9	8.8	16	15.50	256
N812660		6.61	0.078	0.54	7.37	13.2	1000	1.45	1.94	2.25	0.55	44.7	6.2	13	8.33	205
N812661		5.66	0.119	0.70	7.13	39.8	910	1.53	2.65	2.33	0.56	41.6	9.1	17	11.20	249
N812662		3.43	0.044	0.76	5.99	51.2	360	1.21	3.49	1.55	0.61	42.2	17.2	16	10.65	102.5
N812663		2.43	0.086	0.54	6.87	75.4	520	1.33	3.67	1.76	0.36	41.9	13.3	20	10.05	37.4
N812664		8.74	0.053	0.19	7.09	44.6	1420	1.70	0.18	3.38	0.19	48.1	7.9	11	18.70	9.7
N812665		0.26	2.30	24.4	5.82	3070	720	1.36	19.05	2.24	77.5	41.5	11.5	18	14.50	426
N812666		4.24	0.048	0.14	6.94	54.0	1340	1.54	0.14	3.30	0.14	46.5	6.8	13	17.85	8.5
N812667		1.82	0.052	0.10	6.89	54.8	1430	1.72	0.13	3.35	0.10	48.0	6.9	12	18.85	10.1
N812668		6.64	0.094	0.14	6.85	59.8	2940	1.80	0.21	3.35	0.13	47.1	7.9	12	17.95	14.9
N812669		2.70	0.165	0.95	6.65	120.0	340	1.32	2.67	2.13	0.47	57.9	22.2	20	11.85	223
N812670		6.31	0.106	1.01	7.67	45.5	350	1.97	3.43	2.11	0.50	62.1	22.0	11	11.45	258
N812671		5.85	0.160	1.31	7.71	92.6	210	1.72	4.01	2.08	0.69	58.0	15.5	16	13.70	239
N812672		4.96	0.024	0.52	7.03	19.8	1490	1.82	3.63	3.01	0.26	45.9	6.5	16	13.85	62.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207081

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812637		2.97	16.05	0.14	1.3	0.096	2.97	23.1	30.2	0.71	423	1.60	0.40	8.1	2.6	570
N812638		3.08	17.20	0.18	1.4	0.102	3.41	25.5	25.1	0.53	341	2.73	0.22	8.0	2.4	560
N812639		2.77	16.25	0.17	1.5	0.103	2.74	23.5	37.0	0.91	846	2.31	0.15	8.2	4.0	550
N812640		2.50	18.00	0.18	4.0	0.033	2.96	23.5	20.2	1.16	700	1.55	0.09	10.3	11.2	830
N812641		2.53	18.65	0.17	4.1	0.034	3.00	25.6	20.8	1.18	712	1.58	0.09	10.6	11.5	840
N812642		3.20	16.35	0.19	1.4	0.273	3.03	22.7	22.4	0.89	1340	2.21	0.57	8.1	3.6	570
N812643		2.84	17.50	0.17	1.3	0.127	3.36	22.6	21.8	0.67	454	1.93	0.51	8.2	2.5	590
N812644		7.48	15.35	0.27	0.9	0.653	2.47	18.4	15.8	0.75	1020	4.89	0.04	4.0	2.5	410
N812645		0.48	0.22	0.09	<0.1	0.006	0.03	0.5	0.9	13.20	208	0.09	0.01	0.4	3.5	170
N812646		3.48	16.40	0.15	1.1	0.235	2.88	25.0	15.3	0.77	444	1.25	1.71	7.2	2.9	540
N812647		3.99	18.75	0.19	0.9	0.238	3.67	22.5	8.0	0.80	708	1.31	0.43	5.8	2.8	510
N812648		0.47	0.24	0.09	<0.1	<0.005	0.02	0.5	0.9	13.40	209	0.10	0.01	0.4	3.7	170
N812649		3.46	18.60	0.18	1.1	0.224	3.37	22.8	20.9	0.85	643	1.19	0.59	7.4	2.4	560
N812650		3.95	17.75	0.18	1.0	0.142	3.18	19.2	13.5	0.84	438	1.49	0.83	6.8	2.6	520
N812651		3.52	20.6	0.19	1.1	0.344	3.06	21.8	14.4	0.88	434	2.09	1.12	6.8	2.8	550
N812652		3.12	19.95	0.14	1.1	0.215	3.11	23.2	12.4	0.77	367	1.38	1.85	7.4	3.1	550
N812653		3.13	18.35	0.15	1.3	0.133	3.60	21.9	14.7	0.78	387	1.87	1.59	7.5	2.9	570
N812654		8.02	12.40	0.23	1.1	4.63	2.31	15.8	29.2	0.65	3080	14.15	0.09	5.4	13.5	450
N812655		3.19	18.55	0.14	1.1	0.220	3.89	21.2	16.0	0.69	362	1.85	1.16	7.3	2.5	560
N812656		3.44	19.65	0.16	1.1	0.287	3.53	25.6	18.9	0.82	503	2.05	0.56	6.8	3.0	570
N812657		2.85	11.55	0.14	0.8	0.129	2.52	19.7	12.4	0.60	350	4.53	0.82	5.1	3.5	380
N812658		3.69	18.60	0.16	1.0	0.347	2.37	22.8	21.4	0.94	375	2.81	1.40	7.5	2.8	590
N812659		3.90	17.65	0.19	1.3	0.151	3.12	24.2	18.5	0.83	824	2.59	0.83	7.8	3.4	580
N812660		3.34	16.25	0.16	1.1	0.070	2.83	22.2	13.7	0.67	288	1.54	1.93	7.2	2.4	550
N812661		4.16	17.35	0.15	1.0	0.128	2.28	19.9	19.7	0.61	311	1.36	1.36	6.5	2.2	530
N812662		4.95	12.95	0.17	1.0	0.155	2.48	20.8	18.5	0.68	420	2.54	0.05	5.6	2.5	470
N812663		5.92	14.70	0.21	1.1	0.116	3.23	20.2	16.5	0.85	421	5.25	0.05	5.4	3.1	520
N812664		2.44	18.45	0.15	3.5	0.031	3.33	22.6	33.3	1.00	535	1.79	0.11	9.7	4.7	740
N812665		6.36	14.45	0.22	0.9	1.695	2.62	21.5	23.4	0.91	1830	12.85	0.04	6.0	15.7	430
N812666		2.56	17.95	0.16	3.4	0.032	3.61	21.7	25.1	1.00	502	1.48	0.42	9.4	4.6	710
N812667		2.57	19.15	0.15	3.6	0.033	3.53	22.2	27.3	1.02	516	1.32	0.42	9.8	4.7	710
N812668		2.42	18.00	0.15	3.4	0.036	2.87	22.3	51.3	1.01	545	1.83	0.07	9.3	4.3	710
N812669		4.66	17.45	0.22	1.1	0.222	2.17	26.9	25.8	0.81	481	2.81	0.74	6.4	2.9	550
N812670		9.54	24.0	0.30	1.1	0.258	2.00	32.3	34.4	0.85	370	1.37	0.94	7.1	3.7	550
N812671		7.10	20.5	0.24	1.0	0.191	2.65	29.9	28.7	0.89	494	4.22	0.50	6.9	3.1	620
N812672		3.21	17.30	0.15	1.2	0.061	2.32	21.8	46.5	0.86	467	1.29	1.22	7.9	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207081

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812637		45.2	122.0	<0.002	0.73	9.41	10.1	1	2.7	181.0	0.69	0.06	13.3	0.250	1.61	3.9
N812638		51.3	166.0	<0.002	1.04	17.20	10.4	1	4.4	141.5	0.67	0.14	14.8	0.236	1.80	3.8
N812639		39.3	120.5	<0.002	0.74	12.55	9.8	1	2.8	211	0.68	0.06	12.9	0.238	2.01	5.0
N812640		12.2	109.0	<0.002	0.14	6.56	7.6	1	3.1	208	0.74	<0.05	9.2	0.272	1.93	5.7
N812641		12.1	112.5	<0.002	0.14	6.86	7.8	1	1.8	211	0.75	<0.05	9.7	0.274	2.01	5.9
N812642		71.8	137.5	<0.002	1.27	24.9	10.0	1	4.4	249	0.65	0.23	13.1	0.237	2.14	5.6
N812643		39.6	137.5	<0.002	0.63	7.16	10.2	1	4.8	193.5	0.67	0.09	14.4	0.256	1.88	3.3
N812644		278	162.0	<0.002	8.02	64.9	7.1	2	13.1	79.0	0.32	3.10	9.8	0.126	1.95	3.3
N812645		1.2	1.6	<0.002	<0.01	0.09	0.2	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N812646		78.0	137.0	<0.002	2.05	7.70	9.8	1	6.2	287	0.59	0.43	13.6	0.219	1.94	4.1
N812647		60.8	198.5	<0.002	3.52	8.15	9.2	1	10.1	140.5	0.46	0.96	12.6	0.176	2.43	4.1
N812648		1.3	1.5	<0.002	<0.01	0.06	0.2	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N812649		68.0	157.5	<0.002	2.42	9.16	10.0	1	9.9	172.5	0.61	0.86	13.2	0.229	2.22	3.9
N812650		172.0	163.5	<0.002	2.84	3.51	8.5	1	9.1	257	0.55	10.70	12.4	0.197	2.09	4.0
N812651		105.5	146.0	<0.002	2.43	4.34	9.1	2	12.6	160.5	0.56	11.00	12.6	0.212	1.90	4.2
N812652		69.7	141.0	<0.002	1.82	3.39	9.8	1	9.9	243	0.61	4.37	13.8	0.220	1.66	4.2
N812653		41.3	152.0	<0.002	1.50	3.11	10.1	1	7.7	264	0.62	0.62	14.0	0.236	1.67	4.3
N812654		9450	138.0	<0.002	7.01	220	6.9	2	8.1	119.5	0.42	0.45	8.6	0.183	2.04	4.7
N812655		59.0	157.0	<0.002	1.89	3.66	9.9	1	10.6	229	0.59	0.67	12.8	0.233	1.85	3.9
N812656		48.9	157.0	<0.002	2.62	4.83	9.7	1	11.0	182.0	0.55	1.96	12.7	0.214	2.11	4.5
N812657		23.6	124.0	<0.002	1.93	4.49	7.0	1	4.3	188.5	0.41	0.39	10.6	0.170	1.53	3.3
N812658		32.7	115.5	0.002	1.78	3.13	10.4	1	9.5	253	0.61	0.65	14.8	0.241	1.66	4.7
N812659		48.0	141.0	<0.002	2.71	38.9	10.4	2	5.3	203	0.64	0.51	13.3	0.244	2.19	4.7
N812660		23.2	112.0	<0.002	2.01	3.06	9.4	1	4.4	340	0.59	0.30	13.0	0.227	1.47	4.2
N812661		20.7	90.6	<0.002	2.44	5.75	8.8	1	5.1	298	0.53	0.29	12.3	0.215	1.32	4.1
N812662		24.4	135.0	<0.002	4.42	10.10	8.7	2	5.9	101.5	0.43	0.25	12.2	0.167	1.94	4.2
N812663		24.6	178.5	<0.002	5.64	5.35	9.0	3	7.4	126.5	0.45	0.31	12.6	0.171	2.33	5.6
N812664		18.8	107.5	<0.002	0.32	8.94	7.5	1	1.4	388	0.73	<0.05	9.5	0.288	2.41	5.3
N812665		2700	163.5	0.002	4.64	84.4	7.9	1	7.7	87.6	0.47	0.36	10.8	0.179	2.29	4.9
N812666		16.9	118.0	<0.002	0.24	7.01	7.0	1	1.2	428	0.73	<0.05	9.1	0.268	2.63	4.5
N812667		16.9	122.5	<0.002	0.23	7.00	7.3	1	1.5	426	0.75	<0.05	9.5	0.269	2.73	4.5
N812668		16.1	96.4	<0.002	0.35	7.62	7.2	1	1.7	375	0.71	<0.05	9.2	0.275	2.03	4.6
N812669		22.3	114.5	0.002	3.41	20.3	9.1	2	5.3	182.0	0.49	0.18	13.1	0.185	1.82	5.8
N812670		23.0	96.8	<0.002	3.80	7.55	9.6	1	8.1	249	0.58	0.28	13.4	0.217	1.52	5.8
N812671		35.1	128.5	0.002	4.31	15.80	10.0	2	6.8	157.5	0.55	0.24	14.0	0.225	2.06	5.3
N812672		21.1	77.6	<0.002	0.83	6.81	10.5	1	3.6	288	0.63	0.08	12.8	0.258	1.49	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207081

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812637		67	3.4	13.6	134	31.3	<1	
N812638		64	4.4	14.7	72	32.2	<1	
N812639		63	6.2	14.5	103	38.5	<1	
N812640		67	4.2	13.5	54	132.5	<1	
N812641		69	4.3	13.9	53	135.5	<1	
N812642		63	7.4	14.9	299	33.9	3	
N812643		68	4.4	14.0	120	31.7	<1	
N812644		48	9.9	8.6	460	23.1	13	
N812645		1	0.1	0.8	14	<0.5	<1	
N812646		63	3.1	13.8	140	25.9	1	
N812647		56	8.0	10.2	159	21.7	3	
N812648		1	0.1	0.8	13	<0.5	<1	
N812649		60	5.6	12.3	153	25.2	2	
N812650		50	9.0	14.0	235	24.8	4	
N812651		64	7.9	14.1	212	26.8	4	
N812652		61	8.1	13.5	168	26.3	2	
N812653		67	5.5	13.1	99	30.6	1	
N812654		52	4.3	9.0	>10000	27.5	116	1.565
N812655		65	6.6	12.0	163	26.5	2	
N812656		63	8.5	11.4	171	25.2	3	
N812657		50	3.3	10.0	80	18.7	1	
N812658		69	3.6	12.8	105	23.2	1	
N812659		69	7.0	13.7	144	32.5	2	
N812660		63	8.7	12.4	82	26.2	1	
N812661		72	5.9	12.0	81	24.1	1	
N812662		56	13.1	10.4	71	22.2	1	
N812663		64	20.2	10.5	53	26.2	<1	
N812664		69	3.8	13.0	70	114.5	<1	
N812665		54	5.1	9.5	5220	22.7	25	
N812666		65	3.1	12.2	60	108.5	1	
N812667		64	3.2	12.9	59	113.0	<1	
N812668		66	3.7	12.6	55	108.5	<1	
N812669		60	8.1	13.3	71	27.5	1	
N812670		125	9.7	13.5	90	26.0	1	
N812671		83	12.2	12.5	118	24.9	1	
N812672		72	5.1	13.4	61	27.8	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207081

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207082

Project: Klaza-121

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

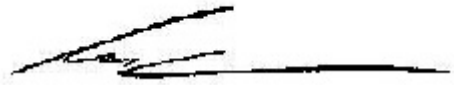
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207082

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812673		2.86	0.045	0.62	6.58	38.6	1150	1.37	2.09	3.96	0.75	59.7	11.7	7	10.50	83.1
N812674		3.25	0.013	0.51	7.36	20.0	880	1.39	1.45	2.45	0.97	49.8	6.7	9	9.94	97.5
N812675		7.42	0.038	0.65	7.08	26.0	600	1.33	1.52	2.00	1.17	49.2	9.9	10	11.10	214
N812676		0.26	4.39	>100	5.22	7550	1060	0.98	55.7	1.92	221	33.0	8.8	16	11.50	1275
N812677		5.91	0.045	0.98	7.24	35.4	1120	1.28	2.16	2.17	1.21	48.6	8.2	9	9.65	171.0
N812678		4.49	0.115	2.39	7.06	90.2	440	1.44	18.60	1.99	0.81	52.4	7.6	8	12.65	366
N812679		3.89	0.053	0.97	7.04	27.9	1100	1.42	1.90	2.47	0.80	45.4	6.1	10	9.99	327
N812680		8.30	0.027	0.48	7.37	16.4	1720	1.48	1.90	2.46	0.41	51.8	8.6	12	10.05	115.5
N812681		0.26	2.28	25.0	5.74	3230	770	1.46	18.70	2.19	81.8	42.5	10.6	18	15.25	438
N812682		3.33	0.012	0.24	7.48	8.8	2330	1.77	0.72	2.32	0.43	54.9	6.3	11	9.31	40.7
N812683		1.49	0.012	0.19	7.39	7.3	2340	1.81	0.62	2.13	0.42	52.2	5.9	9	9.51	42.6
N812684		3.10	0.040	0.36	7.19	13.4	1890	1.48	0.95	2.51	1.05	50.7	16.1	9	9.69	96.7
N812685		5.08	0.018	0.42	7.44	16.2	1530	1.56	1.05	2.62	0.81	52.7	8.6	8	10.60	100.0
N812686		4.12	0.032	1.63	7.48	55.1	610	1.49	8.19	2.23	0.57	52.7	9.2	9	10.30	566
N812687		4.93	0.036	0.27	7.46	11.0	1790	1.48	1.52	2.41	0.42	46.6	7.7	10	11.05	43.6
N812688		4.07	0.026	0.51	7.60	24.8	1990	1.33	1.40	1.21	0.79	58.2	9.0	10	11.20	122.0
N812689		6.94	0.017	0.66	7.41	28.0	1390	1.54	4.37	1.87	0.49	49.7	10.3	9	9.36	125.5
N812690		3.25	0.019	0.32	6.92	21.5	730	1.43	1.57	2.11	0.41	50.6	9.8	8	11.20	64.2
N812691		4.03	0.045	0.91	7.22	42.5	250	1.40	7.94	1.67	0.63	46.5	7.8	9	8.88	159.0
N812692		4.56	0.028	0.70	7.89	29.9	470	1.70	2.87	2.59	0.43	46.2	10.7	9	11.00	202
N812693		3.60	0.016	0.40	7.09	18.8	480	1.44	2.49	2.17	0.56	44.3	8.9	7	9.85	41.1
N812694		3.93	0.010	0.35	7.25	7.9	710	1.56	2.31	2.39	0.26	50.2	6.3	8	9.88	55.0
N812695		6.21	0.012	0.30	7.44	10.2	970	1.67	1.31	2.60	0.49	47.3	11.1	11	13.35	59.2
N812696		<0.02	0.010	0.28	7.64	11.6	1040	1.66	1.26	2.70	0.55	49.8	11.0	9	13.75	64.3
N812697		2.98	0.032	0.39	8.22	39.4	170	1.54	3.24	4.53	0.20	28.8	71.8	4	28.8	124.5
N812698		7.29	0.040	0.30	7.17	12.0	460	1.52	1.56	2.46	0.36	47.0	11.9	10	11.00	81.5
N812699		5.07	0.036	0.46	7.19	25.6	510	1.46	2.67	2.54	0.60	47.5	5.0	9	9.26	128.0
N812700		4.13	0.067	0.70	6.94	55.5	150	1.30	5.81	2.12	0.37	42.7	7.0	11	7.83	96.2
N812701		5.26	0.086	0.48	7.27	34.2	520	1.43	5.47	2.12	0.49	50.8	11.2	8	9.51	80.3
N812702		2.70	0.021	0.31	6.99	17.3	620	1.50	1.96	1.81	0.42	57.3	11.3	10	12.50	20.4
N812703		3.30	0.181	0.83	7.71	55.1	70	1.17	22.8	1.63	0.38	61.0	55.9	7	11.65	33.9
N812704		2.79	<0.005	0.02	0.11	<5	30	0.06	0.04	20.2	0.06	1.24	1.8	<1	0.34	1.9
N812705		2.52	0.047	0.42	9.37	25.4	150	1.83	4.58	1.76	0.26	28.5	16.5	7	11.95	26.1
N812706		3.52	<0.005	0.01	0.11	8	20	0.07	0.07	20.8	0.07	1.58	1.3	<1	0.26	1.6
N812707		2.55	0.068	0.69	9.17	40.4	120	1.89	6.76	1.58	0.50	40.6	17.0	8	12.20	20.4
N812708		2.50	0.285	1.54	6.07	145.0	170	0.79	28.3	0.54	2.54	28.3	21.7	13	5.07	117.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207082

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812673		5.17	17.60	0.16	1.0	0.125	1.58	34.5	43.0	1.25	730	3.82	1.63	6.9	3.3	530
N812674		3.52	17.65	0.16	1.0	0.110	1.56	28.2	13.9	0.58	361	1.79	2.37	8.0	2.5	580
N812675		4.29	18.40	0.18	1.0	0.139	2.28	26.1	26.6	0.83	332	1.60	0.58	8.1	2.7	580
N812676		7.88	13.55	0.20	1.0	4.85	2.11	18.8	29.3	0.62	3090	15.60	0.08	6.0	14.1	430
N812677		3.29	18.50	0.16	1.0	0.141	3.18	24.6	12.5	0.74	301	2.75	1.37	6.9	2.7	590
N812678		4.03	18.30	0.19	1.0	0.431	2.38	28.6	24.2	0.71	434	2.36	0.39	7.4	2.9	540
N812679		3.72	17.75	0.17	1.1	0.124	2.54	23.6	14.7	0.66	366	2.20	1.46	7.7	2.9	590
N812680		3.15	18.65	0.15	1.1	0.139	2.08	27.6	15.0	0.79	337	1.41	2.17	8.3	2.9	580
N812681		6.64	15.20	0.16	1.0	1.880	2.44	24.3	30.1	0.89	1900	13.90	0.04	6.5	15.4	430
N812682		3.15	18.55	0.13	1.3	0.074	2.79	30.0	21.8	0.84	431	1.89	2.39	9.2	3.2	580
N812683		3.11	18.75	0.15	1.3	0.070	2.69	28.5	22.1	0.83	396	1.95	2.33	8.8	2.8	570
N812684		3.08	18.45	0.16	1.2	0.144	2.42	27.8	23.1	0.77	392	1.70	2.03	8.7	3.8	570
N812685		3.04	18.95	0.16	1.3	0.144	2.08	29.3	19.1	0.70	419	1.39	1.98	8.7	2.9	580
N812686		3.91	17.85	0.19	1.2	0.438	2.08	29.2	17.6	0.68	348	2.16	1.24	8.4	3.2	570
N812687		3.20	18.25	0.15	1.1	0.100	2.39	25.1	26.9	0.70	341	1.98	1.61	8.4	2.5	580
N812688		3.02	19.55	0.15	1.2	0.205	2.32	33.1	27.7	0.50	316	1.79	0.77	9.2	2.9	610
N812689		3.44	18.65	0.16	1.2	0.182	2.05	27.0	21.4	0.54	289	1.45	1.13	8.6	2.9	580
N812690		3.05	17.55	0.16	1.2	0.136	1.59	27.9	30.8	0.58	363	17.85	0.08	7.8	3.3	570
N812691		4.43	17.90	0.17	1.0	0.207	2.00	25.6	21.1	0.56	376	1.49	0.22	6.8	3.6	560
N812692		4.61	20.3	0.19	1.1	0.261	1.67	24.4	15.6	0.73	295	1.79	1.79	7.1	3.1	610
N812693		3.42	17.70	0.17	1.0	0.171	1.80	24.2	26.3	0.61	419	3.33	0.44	7.1	2.3	450
N812694		3.26	17.15	0.17	1.2	0.172	1.70	28.5	10.0	0.51	268	0.89	1.89	7.4	2.3	450
N812695		2.93	19.30	0.14	1.4	0.190	1.29	24.0	13.1	0.71	276	1.28	2.82	8.5	2.5	550
N812696		3.01	19.35	0.15	1.4	0.200	1.33	25.5	13.0	0.74	289	2.38	2.86	8.7	2.5	550
N812697		10.15	32.3	0.26	0.9	0.229	1.23	13.7	33.2	1.27	459	0.34	1.88	6.0	2.2	480
N812698		3.30	18.05	0.15	1.0	0.150	1.42	25.4	18.3	0.77	280	1.26	2.51	7.9	2.7	580
N812699		3.96	18.00	0.17	0.8	0.199	1.80	22.1	13.8	0.65	252	1.12	1.83	6.5	2.8	580
N812700		5.88	17.85	0.20	0.7	0.293	2.72	19.5	46.4	0.62	347	0.86	0.42	5.0	3.0	560
N812701		4.71	17.35	0.18	0.8	0.157	2.81	24.9	37.0	0.88	354	2.44	0.13	5.9	4.6	560
N812702		4.15	17.05	0.19	0.7	0.139	3.36	26.6	11.3	0.74	322	1.19	0.07	5.6	5.1	580
N812703		10.95	25.0	0.34	0.5	0.185	3.88	31.9	7.8	0.79	470	91.3	0.08	3.3	30.3	220
N812704		0.46	0.36	0.08	<0.1	<0.005	0.63	0.6	1.4	12.15	211	0.19	0.01	0.4	4.5	180
N812705		7.19	32.2	0.19	0.8	0.260	4.41	8.0	74.7	0.88	263	1.00	0.09	5.0	31.8	420
N812706		0.50	0.41	0.09	<0.1	0.006	0.05	0.8	1.4	12.50	217	0.32	<0.01	0.3	3.2	160
N812707		8.75	27.5	0.25	0.7	0.397	4.73	15.0	10.3	0.92	442	0.77	0.08	5.4	28.2	630
N812708		8.62	12.30	0.34	0.8	0.148	2.87	12.2	5.5	0.45	465	2.20	0.06	3.0	12.6	450

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207082

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812673		33.0	67.2	<0.002	2.06	12.30	9.8	2	4.0	302	0.58	0.16	11.8	0.214	1.25	6.8
N812674		34.9	84.1	0.002	1.93	6.87	11.8	2	4.3	344	0.59	0.09	13.7	0.233	1.23	4.9
N812675		40.0	94.4	<0.002	1.97	7.78	11.3	2	4.9	219	0.63	0.14	11.8	0.227	1.62	5.7
N812676		9540	134.0	<0.002	6.83	211	7.8	2	8.6	126.0	0.43	0.47	8.8	0.180	2.13	5.2
N812677		44.7	170.5	0.002	1.91	3.08	11.0	2	5.0	215	0.56	0.16	13.7	0.206	1.77	5.0
N812678		46.3	132.0	<0.002	2.52	20.2	11.1	2	5.8	148.5	0.58	0.32	13.2	0.209	1.75	5.1
N812679		24.9	107.5	<0.002	1.90	12.65	11.3	2	3.9	285	0.58	0.14	12.4	0.224	1.52	4.2
N812680		22.1	94.1	<0.002	1.26	2.52	11.8	1	5.0	455	0.64	0.16	13.9	0.228	1.37	4.7
N812681		2820	165.0	0.003	4.66	90.2	8.9	2	8.3	96.5	0.49	0.38	10.9	0.179	2.43	5.6
N812682		26.3	116.0	<0.002	0.42	1.71	12.8	1	2.8	404	0.73	0.06	15.1	0.254	1.34	4.9
N812683		25.1	114.5	<0.002	0.45	1.61	13.0	1	2.7	402	0.71	0.05	15.2	0.238	1.34	5.0
N812684		65.1	94.3	<0.002	1.21	2.29	11.9	2	3.8	374	0.70	0.17	14.2	0.231	1.22	4.8
N812685		46.0	90.7	<0.002	1.17	4.80	12.3	1	4.0	352	0.70	0.12	14.9	0.237	1.22	5.1
N812686		35.3	102.5	<0.002	2.48	78.2	12.2	4	5.6	241	0.66	1.75	14.5	0.236	1.49	5.3
N812687		30.1	89.6	<0.002	1.45	3.34	11.4	1	3.3	291	0.65	0.33	13.4	0.238	1.22	4.5
N812688		41.8	100.5	<0.002	1.35	22.3	13.3	1	4.1	172.0	0.71	0.20	15.7	0.257	1.25	5.5
N812689		27.5	85.6	<0.002	1.77	8.56	12.1	2	4.3	226	0.69	0.25	14.1	0.232	1.21	5.1
N812690		20.4	66.6	0.016	1.95	29.2	11.4	2	4.0	98.5	0.63	0.33	13.3	0.212	1.16	5.3
N812691		24.4	100.5	<0.002	3.69	26.0	11.4	3	6.7	83.4	0.54	2.21	14.3	0.197	1.45	5.0
N812692		23.4	77.1	0.002	3.49	5.34	11.7	2	4.9	282	0.57	0.74	14.5	0.211	1.21	4.7
N812693		27.3	79.1	<0.002	2.21	20.0	8.8	2	3.7	114.0	0.61	0.56	13.1	0.174	1.25	6.1
N812694		18.6	89.5	<0.002	2.19	3.83	9.3	2	4.4	312	0.66	0.52	15.1	0.178	1.12	5.3
N812695		21.6	61.4	<0.002	1.93	2.63	10.9	2	4.5	431	0.73	0.23	14.5	0.211	0.89	4.9
N812696		22.1	64.0	<0.002	1.98	2.81	11.0	2	4.6	442	0.74	0.24	14.7	0.219	0.87	5.0
N812697		19.9	38.7	0.002	6.75	2.88	8.6	3	5.2	1810	0.57	0.70	9.9	0.192	1.18	4.1
N812698		24.4	62.3	<0.002	2.63	2.48	11.8	2	4.4	407	0.60	0.34	12.7	0.225	0.90	4.3
N812699		23.2	85.6	<0.002	3.48	2.55	11.7	2	5.9	254	0.48	0.64	12.2	0.190	1.26	4.0
N812700		26.4	133.5	<0.002	5.48	3.24	10.6	3	8.1	116.0	0.38	1.28	12.6	0.150	1.96	4.5
N812701		25.0	139.5	<0.002	4.06	9.86	11.0	2	6.5	94.0	0.47	1.03	14.5	0.168	1.94	6.7
N812702		24.6	177.5	0.002	3.48	5.22	11.4	2	5.2	89.2	0.44	0.59	14.9	0.158	2.20	4.8
N812703		56.6	189.0	0.045	>10.0	6.23	7.1	6	9.8	74.8	0.24	12.95	10.1	0.094	2.74	3.6
N812704		2.0	37.0	<0.002	<0.01	0.06	0.4	1	<0.2	44.1	<0.05	<0.05	<0.2	0.005	0.02	1.0
N812705		26.2	151.5	0.003	7.77	5.21	9.3	3	7.1	145.5	0.46	2.00	8.7	0.155	3.63	4.6
N812706		1.4	3.0	<0.002	0.03	0.06	0.4	1	<0.2	47.0	<0.05	<0.05	0.2	<0.005	0.03	0.5
N812707		40.5	204	<0.002	9.31	4.12	10.7	5	13.8	86.2	0.42	1.93	11.5	0.161	3.61	3.7
N812708		77.6	165.5	<0.002	9.83	11.75	9.5	8	13.3	28.8	0.27	10.50	13.7	0.102	1.97	5.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207082

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
N812673		61	6.4	12.2	108	30.7	<1	
N812674		63	6.8	14.2	108	30.5	<1	
N812675		68	9.6	13.4	118	28.3	<1	
N812676		52	4.8	9.8	>10000	34.0	118	1.620
N812677		65	7.1	12.5	116	26.7	<1	
N812678		61	8.2	13.5	88	28.3	2	
N812679		67	9.7	13.4	88	31.2	<1	
N812680		68	6.2	14.4	53	30.0	<1	
N812681		56	5.4	10.9	5410	27.0	25	
N812682		72	2.5	17.8	59	36.3	<1	
N812683		67	2.7	17.1	56	36.4	<1	
N812684		67	4.4	15.4	117	33.1	<1	
N812685		70	4.2	15.7	90	37.2	<1	
N812686		71	7.5	15.2	98	31.5	1	
N812687		68	6.3	13.4	68	32.2	<1	
N812688		75	5.0	15.9	100	34.2	<1	
N812689		68	4.3	15.3	66	34.0	<1	
N812690		69	7.7	15.9	59	32.2	<1	
N812691		70	9.1	14.6	77	28.8	<1	
N812692		82	7.4	15.9	71	29.7	<1	
N812693		51	6.7	14.7	69	29.5	<1	
N812694		49	8.4	14.8	45	34.4	<1	
N812695		59	3.8	17.3	67	37.1	<1	
N812696		60	4.2	17.8	72	37.3	<1	
N812697		175	5.3	14.0	79	24.3	1	
N812698		66	5.8	15.0	61	28.8	<1	
N812699		70	7.1	14.2	75	22.5	<1	
N812700		60	11.3	13.7	49	20.6	<1	
N812701		61	11.8	13.9	59	22.0	<1	
N812702		50	7.6	14.6	55	19.9	<1	
N812703		63	8.9	12.6	47	13.9	<1	
N812704		4	0.1	1.0	13	0.6	<1	
N812705		80	9.0	13.3	49	17.1	<1	
N812706		3	0.2	1.0	13	<0.5	<1	
N812707		77	18.9	14.7	60	16.5	<1	
N812708		48	15.1	16.4	199	20.8	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207082

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207083

Project: Klaza-121

P.O. No.: Batch 10

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

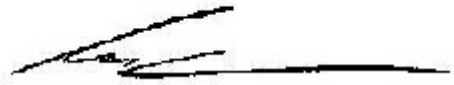
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207083

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812709		5.11	0.055	0.85	6.93	71.5	120	0.98	19.45	1.08	0.23	49.0	20.4	9	5.06	110.0
N812710		3.15	0.029	1.25	7.09	28.2	150	0.93	7.17	0.95	2.11	37.1	14.6	7	6.11	17.1
N812711		5.19	0.013	0.35	6.42	28.2	290	1.22	2.12	2.73	0.35	49.0	5.0	7	8.15	30.3
N812712		2.46	0.005	0.43	6.13	10.8	100	1.03	2.24	3.59	1.03	56.1	7.7	8	9.26	16.1
N812713		9.31	0.006	0.31	6.31	11.0	180	1.13	1.64	3.80	0.46	56.0	6.8	8	9.16	15.5
N812714		3.78	<0.005	0.33	7.01	11.9	350	1.42	1.19	2.75	0.69	41.1	3.6	8	11.05	14.6
N812715		4.41	0.005	0.20	6.81	14.5	310	1.33	1.46	2.18	0.19	46.7	9.3	7	12.50	20.0
N812716		3.42	0.006	0.24	6.80	10.5	320	1.22	1.85	2.10	0.22	64.4	13.8	7	9.42	18.5
N812717		4.01	0.036	0.29	6.44	19.3	230	1.04	1.40	1.74	0.27	51.4	9.5	8	9.42	53.7
N812718		3.08	0.034	1.41	6.85	43.0	400	1.40	1.79	2.21	2.45	47.2	4.7	9	14.15	43.2
N812719		2.35	<0.005	0.08	0.11	<5	150	0.07	0.04	20.8	0.06	1.32	0.6	<1	0.24	2.7
N812720		6.47	0.009	0.38	6.83	19.7	370	1.17	1.32	2.15	0.44	41.5	5.6	8	11.75	24.6
N812721		5.72	0.010	0.32	7.20	12.0	300	1.29	1.40	2.68	0.37	35.4	10.3	8	9.84	16.4
N812722		3.52	0.015	0.20	7.33	9.6	770	1.47	0.86	2.32	0.37	35.8	7.0	9	11.50	15.2
N812723		4.88	0.010	0.32	7.04	9.8	420	1.59	1.37	2.38	0.66	36.0	11.4	10	10.25	17.3
N812724		6.84	<0.005	0.23	6.69	11.8	300	1.59	1.69	2.85	0.18	41.3	6.7	9	12.95	19.4
N812725		7.27	0.010	0.29	7.60	10.5	760	1.32	1.32	4.31	0.29	41.9	11.0	46	12.20	48.1
N812726		4.73	0.021	0.43	7.10	54.4	370	1.42	1.70	2.06	0.65	46.8	23.6	7	12.70	61.4
N812727		3.04	0.049	0.63	6.53	55.0	200	1.10	3.24	1.25	0.31	54.7	31.9	9	7.77	28.0
N812728		<0.02	0.050	0.73	6.42	53.3	190	1.06	3.26	1.22	0.31	51.6	34.8	13	7.50	34.7
N812729		2.74	0.005	0.26	6.55	16.4	560	1.32	1.56	3.01	0.27	37.4	9.9	8	9.02	26.8
N812730		2.68	<0.005	0.31	7.20	7.1	370	1.55	0.90	2.68	0.20	42.7	5.8	8	10.45	17.5
N812731		1.56	<0.005	0.18	7.27	8.8	1310	1.42	0.74	2.55	0.16	47.8	5.5	8	10.45	21.0
N812732		2.78	0.006	0.25	6.82	10.5	590	1.46	0.94	2.92	0.24	46.2	5.4	7	11.90	25.3
N812733		4.81	<0.005	0.24	6.99	9.1	580	1.35	1.20	2.71	0.37	44.9	4.4	10	9.32	24.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207083

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812709		7.05	15.05	0.16	0.8	0.261	3.21	21.1	38.9	0.57	776	3.33	0.06	3.7	8.0	550
N812710		5.79	12.00	0.14	0.8	0.136	3.00	16.3	27.2	0.42	535	2.99	0.09	3.7	8.5	570
N812711		4.73	13.10	0.13	0.7	0.210	2.11	24.7	42.1	0.71	551	2.26	0.42	4.6	8.4	500
N812712		5.14	12.65	0.15	0.7	0.240	1.81	24.5	25.5	0.64	320	0.60	0.64	4.9	10.7	500
N812713		4.54	13.25	0.14	0.7	0.229	1.80	29.5	32.7	0.59	416	1.16	0.54	4.7	5.9	480
N812714		2.75	13.90	0.14	0.8	0.173	1.28	17.3	27.2	0.76	219	0.45	2.01	5.9	7.3	590
N812715		3.73	15.70	0.14	0.7	0.236	1.46	21.1	28.2	0.84	239	1.02	0.65	5.3	13.8	590
N812716		3.98	14.40	0.12	0.8	0.173	1.52	31.9	30.1	0.73	211	12.10	0.53	5.8	11.1	480
N812717		3.27	13.85	0.15	0.8	0.212	1.34	26.5	29.3	0.73	244	4.10	0.09	5.5	7.9	520
N812718		3.48	14.80	0.14	0.9	0.168	2.54	23.2	41.1	0.77	1200	4.33	0.10	5.8	3.1	510
N812719		0.49	0.29	0.14	<0.1	0.010	0.04	0.6	1.2	12.35	209	0.08	0.01	0.3	1.6	230
N812720		2.95	13.65	0.15	0.8	0.181	2.01	19.2	33.5	0.81	452	0.61	0.62	5.7	2.8	520
N812721		3.62	13.85	0.13	0.9	0.129	1.57	16.2	26.7	0.70	250	1.34	1.93	6.1	5.0	560
N812722		2.64	14.30	0.12	0.8	0.069	1.74	14.2	36.5	0.78	215	0.61	1.87	5.1	4.0	570
N812723		3.44	15.10	0.13	1.0	0.102	1.65	15.1	21.7	0.79	251	0.55	1.96	5.5	6.3	590
N812724		3.10	15.25	0.13	0.9	0.189	1.77	20.1	33.0	0.59	253	0.68	1.98	6.5	2.3	570
N812725		5.83	18.40	0.16	2.2	0.152	1.58	18.5	33.2	2.36	845	0.77	1.69	6.5	3.2	1180
N812726		4.07	15.30	0.15	0.9	0.136	2.39	22.6	17.7	0.83	340	2.36	0.87	4.8	3.4	540
N812727		5.89	13.00	0.14	0.8	0.174	2.96	26.8	15.7	0.62	353	3.18	0.15	3.6	3.8	470
N812728		5.94	12.90	0.16	0.7	0.171	2.93	24.6	14.8	0.61	307	3.23	0.16	3.4	3.9	460
N812729		3.38	13.65	0.12	0.9	0.178	2.01	18.0	40.9	1.02	343	1.05	1.32	5.4	2.2	520
N812730		3.15	14.70	0.14	1.0	0.220	1.67	18.8	21.9	0.70	277	0.67	2.52	6.1	2.2	580
N812731		2.63	15.20	0.16	1.0	0.234	1.56	21.8	25.9	0.65	268	0.56	2.68	6.1	2.0	550
N812732		3.26	14.20	0.15	1.1	0.166	1.69	21.2	35.6	0.76	345	2.06	1.94	6.3	2.1	550
N812733		2.89	14.30	0.13	0.8	0.285	1.72	18.5	39.9	0.64	304	1.10	2.30	5.3	1.9	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207083

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812709		31.9	165.0	<0.002	6.83	14.15	10.6	5	16.5	56.3	0.35	1.97	14.6	0.123	2.57	4.1
N812710		80.1	135.5	0.002	5.87	2.86	10.4	5	16.4	60.2	0.33	2.09	12.7	0.131	2.45	4.3
N812711		22.8	100.0	0.003	4.32	3.78	9.0	2	9.4	161.5	0.40	0.23	12.6	0.149	1.88	4.2
N812712		43.5	84.8	<0.002	4.99	2.04	9.5	1	5.6	235	0.41	0.28	13.2	0.155	1.35	4.0
N812713		24.9	86.4	<0.002	4.09	2.05	9.2	3	6.6	277	0.44	0.17	12.6	0.146	1.29	3.8
N812714		29.2	56.8	0.002	2.29	1.91	10.0	1	3.7	363	0.53	0.14	13.1	0.187	1.01	3.5
N812715		12.5	89.7	0.002	3.06	2.82	9.8	2	4.6	224	0.43	0.26	13.5	0.160	1.20	3.7
N812716		17.7	93.0	0.005	3.51	4.18	8.6	1	4.1	187.5	0.51	0.20	15.2	0.172	1.34	3.5
N812717		17.5	85.8	<0.002	2.45	6.04	8.9	1	3.9	115.5	0.46	0.21	13.8	0.181	1.41	3.2
N812718		441	137.0	0.003	3.16	20.7	9.8	1	4.8	159.0	0.53	0.15	14.4	0.185	2.32	5.4
N812719		1.8	2.0	<0.002	<0.01	0.11	0.3	<1	0.3	43.8	0.06	<0.05	0.2	0.005	0.06	0.6
N812720		22.0	102.0	<0.002	2.44	6.34	9.2	2	3.9	149.5	0.54	0.20	14.4	0.179	1.90	4.1
N812721		25.5	76.5	0.002	3.29	1.86	9.8	1	4.5	339	0.55	0.21	13.1	0.198	1.18	3.5
N812722		17.5	86.8	0.002	2.28	1.33	8.7	2	4.2	346	0.47	0.13	13.5	0.182	1.17	3.3
N812723		27.4	77.7	0.003	3.05	1.37	10.6	1	3.3	313	0.52	0.34	13.3	0.197	1.17	2.9
N812724		12.8	86.7	0.002	2.46	2.15	9.9	2	3.8	538	0.54	0.74	11.9	0.195	1.50	3.9
N812725		22.9	48.1	<0.002	2.58	1.98	24.6	2	7.0	918	0.40	0.06	7.0	0.497	0.99	3.4
N812726		31.5	134.5	0.003	3.65	10.55	10.2	1	4.3	168.0	0.39	0.37	13.3	0.156	1.95	4.2
N812727		20.6	173.0	0.002	5.85	9.96	8.8	2	7.6	68.7	0.31	1.18	13.5	0.122	2.20	4.6
N812728		22.7	163.5	<0.002	5.93	12.40	8.3	2	7.4	65.3	0.30	1.38	12.9	0.114	2.12	4.3
N812729		16.0	77.0	<0.002	2.63	2.46	8.6	2	3.0	264	0.46	0.42	11.6	0.169	1.53	3.8
N812730		18.9	65.9	0.002	2.15	1.50	9.6	1	2.7	494	0.57	0.10	12.8	0.190	1.13	4.4
N812731		12.7	69.3	0.002	1.55	1.68	9.6	1	2.8	437	0.55	0.08	14.0	0.188	1.10	4.5
N812732		18.0	68.8	0.002	1.95	2.54	9.5	1	2.8	430	0.53	0.15	11.7	0.189	1.07	4.1
N812733		19.9	65.4	0.002	1.95	1.79	9.4	1	4.2	448	0.45	0.08	11.4	0.181	1.17	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207083

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N812709		51	12.7	10.5	40	18.2	1
N812710		70	13.7	11.1	219	17.1	1
N812711		55	8.4	13.2	53	16.1	<1
N812712		57	14.2	15.2	94	15.0	<1
N812713		68	12.7	14.2	60	15.5	<1
N812714		57	9.1	11.6	61	18.6	<1
N812715		74	5.9	13.8	43	17.1	<1
N812716		55	5.6	12.7	36	18.2	<1
N812717		86	3.2	12.3	50	17.0	<1
N812718		68	6.8	12.9	248	20.1	1
N812719		2	0.1	0.8	14	0.5	<1
N812720		50	5.2	12.0	60	17.6	<1
N812721		76	11.6	12.7	52	19.4	<1
N812722		57	9.6	10.0	56	18.5	<1
N812723		72	7.4	10.1	75	22.3	<1
N812724		59	6.4	13.0	49	21.2	<1
N812725		189	11.6	21.0	111	64.3	1
N812726		68	4.8	13.0	81	19.3	<1
N812727		68	11.1	9.9	43	17.1	<1
N812728		64	10.0	9.1	44	15.4	1
N812729		60	8.4	11.9	50	20.1	<1
N812730		63	6.9	12.5	55	22.8	<1
N812731		61	5.0	13.0	50	22.9	<1
N812732		60	5.2	12.8	59	25.1	<1
N812733		60	5.0	12.7	63	17.4	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza-121

CERTIFICATE OF ANALYSIS WH12207083

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207084

Project: Klaza-122

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

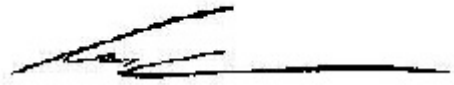
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12207084

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359470		6.93	<0.005	0.25	6.77	60.3	2150	1.33	0.58	2.06	0.16	34.5	11.0	9	8.19	50.6
M359471		2.12	0.012	1.00	6.89	127.5	1720	1.28	0.72	1.47	0.23	43.0	14.9	8	10.05	74.0
M359472		3.46	0.392	30.4	6.71	1255	1270	1.45	1.01	2.03	29.8	45.0	13.9	6	14.55	131.5
M359473		2.47	0.641	6.75	6.82	1555	950	1.57	8.14	2.01	14.85	47.3	28.4	7	15.40	147.0
M359474		2.20	<0.005	0.05	0.05	<5	30	0.05	0.03	20.1	0.11	1.02	1.5	<1	0.15	4.2
M359475		3.01	0.005	0.61	6.70	167.0	1940	1.41	1.53	2.59	0.20	39.9	14.1	7	13.20	81.2
M359476		4.02	<0.005	0.91	6.56	295	1730	1.57	0.63	2.82	0.48	38.0	13.8	8	14.35	72.2
M359477		5.15	<0.005	0.51	6.94	186.0	2090	1.50	0.50	2.67	0.30	45.2	9.4	8	13.30	30.7
M359478		0.26	2.19	26.5	5.77	3270	1670	1.40	19.35	2.20	80.4	44.2	12.4	17	16.05	444
M359479		3.32	<0.005	0.43	6.69	109.5	1980	1.87	0.82	2.53	0.20	40.2	10.2	8	14.15	24.9
M359480		2.62	<0.005	0.41	7.17	38.4	2490	1.57	0.57	1.30	0.25	49.0	11.9	8	11.95	57.0
M359481		4.08	<0.005	0.23	7.31	16.9	2250	1.46	0.76	1.64	0.28	46.0	9.8	7	10.10	20.0
M359482		2.55	<0.005	0.70	6.49	21.7	1970	1.60	0.62	3.04	0.17	39.9	8.9	8	11.35	51.8
M359483		5.64	<0.005	0.19	6.78	18.3	2140	1.63	0.50	2.37	0.12	43.2	10.6	9	12.15	28.9
M359484		<0.02	<0.005	0.18	6.86	17.9	2160	1.68	0.46	2.37	0.10	43.9	11.0	9	12.30	30.2
M359485		2.45	0.281	3.55	6.22	166.0	850	1.57	1.09	2.78	4.54	43.2	10.9	6	15.95	53.5
M359486		3.02	0.006	0.85	7.11	60.6	1750	1.45	1.11	0.94	0.96	53.4	12.2	7	13.30	95.9
M359487		3.95	0.237	23.0	6.79	375	1130	1.61	19.60	1.75	26.6	48.5	11.4	7	15.75	149.5
M359488		1.60	<0.005	0.04	0.04	<5	10	0.05	0.04	20.2	0.08	0.97	1.5	<1	0.11	1.6
M359489		4.43	<0.005	0.30	6.52	14.7	2060	1.52	0.35	2.68	0.86	41.5	9.2	9	10.90	28.2
M359490		4.96	<0.005	0.17	6.71	13.5	2130	1.50	0.23	2.68	0.14	44.3	8.9	10	10.35	11.8
M359491		2.74	<0.005	0.83	5.79	21.8	1570	1.52	0.35	4.00	0.12	34.5	8.5	7	13.80	11.5
M359492		2.53	<0.005	0.18	7.23	12.8	2080	1.65	0.30	2.14	0.13	42.2	8.6	8	11.85	13.7
M359493		1.15	<0.005	0.38	7.38	14.8	1990	1.76	0.30	2.37	0.11	41.1	10.4	8	12.05	12.5
M359494		5.05	0.005	0.14	6.70	13.5	2120	1.61	0.23	2.74	0.11	42.0	8.9	9	11.05	13.6
M359495		7.25	<0.005	0.33	6.85	27.1	2250	1.63	0.50	2.56	0.34	40.6	11.7	8	9.94	37.9
M359496		7.87	<0.005	0.48	6.91	61.9	2330	1.60	0.63	2.40	0.28	40.8	13.4	10	9.61	60.8
M359497		4.19	<0.005	0.10	7.00	16.1	2220	1.63	0.29	2.48	0.10	43.6	8.7	9	11.05	10.4
M359498		2.89	0.009	0.48	5.98	38.5	1560	1.55	0.24	3.40	2.86	35.9	6.1	8	10.85	14.0
M359499		2.50	<0.005	0.38	6.85	27.3	1650	1.70	0.49	2.58	0.53	43.4	8.9	7	11.60	29.8
M359500		2.72	<0.005	0.50	6.86	59.7	2080	1.58	1.41	2.34	0.26	44.7	13.7	8	9.56	69.2
M359501		3.72	<0.005	0.13	6.69	29.7	2270	1.63	0.85	2.37	0.12	39.7	11.1	9	10.80	21.6
M359502		0.26	0.769	9.53	6.30	1675	1390	1.58	6.29	1.86	40.8	42.3	18.8	19	16.75	107.5
M359503		8.89	<0.005	0.57	6.96	25.8	1920	1.69	0.65	2.29	0.16	44.5	13.0	9	11.55	88.2
M359504		8.93	0.019	0.42	6.75	38.0	2170	1.61	2.57	2.27	0.17	41.9	12.2	9	9.16	50.3
M359505		5.54	<0.005	0.16	6.53	12.9	2130	1.58	3.42	2.17	0.10	39.8	9.9	8	10.15	34.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12207084

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359470		2.77	19.10	0.13	1.3	0.057	2.35	16.2	28.2	0.28	546	9.39	0.42	8.9	3.2	620
M359471		2.92	18.75	0.15	1.3	0.075	2.52	22.1	29.2	0.53	855	5.19	0.25	8.3	3.3	610
M359472		3.46	17.15	0.15	1.1	0.323	2.69	24.5	29.2	0.77	1860	4.02	0.05	7.3	2.7	530
M359473		3.93	17.20	0.16	1.1	0.091	2.97	25.2	30.0	0.70	2390	5.76	0.44	7.6	2.9	560
M359474		0.46	0.26	0.22	<0.1	0.006	0.02	0.5	0.9	12.10	212	0.10	<0.01	0.3	2.4	180
M359475		3.21	17.55	0.16	1.1	0.048	2.55	19.8	12.9	0.72	513	1.67	1.85	7.9	2.9	580
M359476		3.11	18.05	0.17	1.2	0.042	2.50	18.7	12.8	0.70	675	1.44	1.67	8.2	2.6	580
M359477		2.85	17.65	0.17	1.3	0.035	2.54	23.2	18.1	0.72	510	4.74	2.01	8.2	2.9	560
M359478		6.45	16.20	0.19	1.0	1.900	2.67	24.8	26.7	0.91	1900	13.10	0.04	6.5	16.2	440
M359479		2.89	18.75	0.13	1.3	0.042	2.51	19.5	22.9	0.66	579	3.17	1.64	8.9	2.9	590
M359480		2.72	18.60	0.16	1.4	0.077	2.58	26.2	35.6	0.57	757	8.14	0.28	8.5	2.9	580
M359481		2.83	18.65	0.17	1.5	0.091	2.69	23.5	46.5	0.66	966	2.70	0.10	8.8	3.0	610
M359482		2.93	17.45	0.19	1.2	0.104	2.58	20.0	18.9	0.72	753	11.20	1.51	8.0	2.8	550
M359483		2.88	18.10	0.18	1.3	0.087	2.65	21.5	16.1	0.76	643	11.00	1.95	8.5	2.7	580
M359484		2.95	18.25	0.18	1.4	0.088	2.67	21.8	16.1	0.78	653	13.05	1.98	8.5	2.9	580
M359485		3.83	16.60	0.18	1.2	0.242	2.85	23.0	35.2	0.92	2100	4.67	0.10	7.3	2.5	480
M359486		3.01	18.50	0.19	1.3	0.166	3.09	29.6	33.1	0.67	1330	3.74	0.15	8.4	2.8	550
M359487		3.32	17.30	0.18	1.3	0.599	3.03	26.7	31.5	0.71	2130	2.19	0.05	7.7	2.6	550
M359488		0.47	0.25	0.28	<0.1	0.005	0.01	0.5	0.8	12.10	215	0.15	<0.01	0.3	2.6	160
M359489		2.72	18.15	0.16	1.4	0.118	2.66	19.7	13.4	0.69	689	0.74	1.93	8.4	2.6	550
M359490		3.00	18.20	0.20	1.3	0.060	2.44	21.3	17.6	0.89	657	1.24	2.26	8.5	2.9	630
M359491		2.23	17.55	0.20	1.2	0.070	2.59	16.4	24.3	0.55	1040	1.24	1.47	8.1	2.7	570
M359492		3.09	18.95	0.19	1.4	0.061	2.58	21.1	19.6	0.84	467	1.68	2.15	8.8	3.0	650
M359493		3.62	19.80	0.20	1.4	0.073	2.38	20.2	22.4	1.02	521	2.25	2.06	8.8	3.5	700
M359494		2.84	17.95	0.20	1.3	0.054	2.44	20.8	21.6	0.80	573	1.45	2.02	8.4	2.8	600
M359495		2.87	18.25	0.19	1.2	0.063	2.73	20.1	21.7	0.83	554	4.67	2.22	8.6	2.7	590
M359496		2.98	17.95	0.20	1.3	0.061	2.55	20.6	22.7	0.88	510	4.26	2.33	8.5	2.8	560
M359497		2.98	17.70	0.20	1.4	0.042	2.48	22.5	22.9	0.80	500	2.46	2.27	8.1	2.6	590
M359498		2.67	16.45	0.19	1.2	0.049	2.62	17.9	13.1	0.70	1280	1.84	1.44	7.6	2.3	490
M359499		2.83	17.90	0.20	1.4	0.049	2.65	22.6	18.3	0.66	840	3.32	1.61	8.7	2.9	540
M359500		3.10	17.50	0.18	1.2	0.038	2.40	23.1	24.2	0.79	479	1.34	2.09	8.1	2.7	560
M359501		2.82	17.35	0.19	1.4	0.029	2.51	20.0	24.7	0.79	494	1.24	2.29	7.9	2.7	550
M359502		5.04	16.50	0.19	1.4	0.927	2.84	22.9	27.1	0.68	1960	12.60	0.26	7.8	15.8	490
M359503		3.00	17.85	0.19	1.5	0.069	2.61	23.1	18.6	0.71	615	1.69	1.93	8.3	2.8	600
M359504		2.87	17.80	0.19	1.3	0.051	2.70	21.0	18.4	0.76	508	37.8	2.15	8.3	2.8	560
M359505		2.65	17.35	0.19	1.4	0.042	2.59	20.4	19.7	0.79	485	9.80	2.04	8.3	2.7	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12207084

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359470		15.5	89.8	<0.002	0.44	38.2	11.9	1	4.7	140.5	0.74	<0.05	8.8	0.278	2.22	5.5
M359471		18.8	112.0	<0.002	0.76	35.9	13.1	1	4.1	106.5	0.68	0.05	11.2	0.268	2.03	3.5
M359472		1030	171.0	<0.002	1.96	79.8	11.8	2	3.0	82.8	0.60	0.08	11.4	0.229	2.58	9.7
M359473		629	185.5	<0.002	2.18	52.4	12.6	3	4.5	128.5	0.62	0.32	11.0	0.240	2.99	4.1
M359474		3.3	1.3	<0.002	<0.01	0.20	0.3	1	<0.2	38.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359475		17.6	115.5	<0.002	0.65	9.80	11.9	2	2.7	332	0.65	<0.05	9.8	0.248	2.12	4.0
M359476		26.8	104.5	<0.002	0.54	11.60	11.9	1	3.1	288	0.66	<0.05	9.9	0.252	2.01	3.7
M359477		22.2	112.5	<0.002	0.42	5.83	12.2	1	4.1	347	0.70	<0.05	12.3	0.249	1.79	4.6
M359478		2840	165.0	0.002	4.72	98.8	9.8	2	9.1	94.8	0.53	0.43	10.6	0.184	2.40	5.4
M359479		18.0	100.5	<0.002	0.34	7.08	13.0	1	4.6	293	0.70	<0.05	10.1	0.256	1.75	4.1
M359480		14.3	133.5	<0.002	0.30	22.7	14.0	1	7.7	86.1	0.71	<0.05	13.0	0.252	1.89	5.7
M359481		22.3	110.0	<0.002	0.15	14.55	13.2	1	9.8	89.5	0.73	<0.05	12.1	0.262	1.80	3.3
M359482		16.3	104.0	0.003	0.14	9.27	12.3	1	8.2	280	0.67	<0.05	11.0	0.240	1.65	4.2
M359483		16.2	105.5	0.002	0.27	4.28	12.3	1	8.2	346	0.70	0.06	11.0	0.250	1.61	3.9
M359484		15.9	108.5	0.003	0.27	4.30	12.5	1	8.3	349	0.71	0.06	11.5	0.252	1.62	4.3
M359485		342	146.5	<0.002	2.04	28.2	11.4	1	6.0	100.0	0.63	0.09	11.5	0.213	2.37	6.0
M359486		69.7	161.5	<0.002	0.31	25.7	12.6	1	5.6	72.8	0.72	0.06	14.6	0.240	2.21	6.4
M359487		2090	172.0	<0.002	1.73	146.0	12.2	1	6.6	66.3	0.67	0.10	12.8	0.226	2.63	6.7
M359488		2.9	0.9	<0.002	0.01	0.20	0.4	1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359489		39.7	104.0	<0.002	0.09	4.65	11.7	1	5.7	331	0.75	<0.05	10.5	0.243	1.51	3.9
M359490		16.7	95.8	<0.002	0.06	2.61	13.7	1	4.7	420	0.66	<0.05	10.5	0.274	1.37	3.2
M359491		14.0	92.0	<0.002	0.09	6.92	11.4	1	4.2	283	0.62	<0.05	8.0	0.257	1.65	3.9
M359492		16.0	107.5	<0.002	0.06	3.17	13.5	1	4.7	366	0.67	<0.05	10.6	0.287	1.40	3.0
M359493		15.7	98.3	<0.002	0.07	3.59	15.4	1	5.3	369	0.65	<0.05	10.2	0.307	1.41	3.5
M359494		15.0	92.7	<0.002	0.06	2.72	12.3	1	4.2	407	0.67	<0.05	10.4	0.256	1.26	3.5
M359495		24.7	103.5	<0.002	0.19	2.41	12.1	1	3.8	401	0.70	<0.05	10.7	0.252	1.38	3.4
M359496		25.7	103.5	<0.002	0.29	2.63	12.7	1	3.6	403	0.66	<0.05	11.2	0.254	1.38	3.8
M359497		15.3	103.0	<0.002	0.08	1.52	13.4	1	3.8	391	0.66	<0.05	12.0	0.258	1.32	3.8
M359498		142.5	105.5	<0.002	0.21	4.65	10.8	1	3.3	253	0.64	<0.05	9.6	0.225	1.69	4.4
M359499		37.5	123.5	<0.002	0.22	3.94	12.3	1	3.1	244	0.76	<0.05	11.6	0.239	1.61	4.6
M359500		22.5	105.0	<0.002	0.45	2.27	12.2	1	2.5	348	0.66	0.06	12.1	0.242	1.39	4.2
M359501		16.0	97.6	<0.002	0.16	1.42	11.6	1	3.1	394	0.68	<0.05	11.4	0.244	1.31	3.5
M359502		1320	160.0	0.002	2.97	35.0	10.6	2	6.1	148.0	0.64	0.32	11.5	0.208	2.39	5.4
M359503		16.3	119.0	<0.002	0.18	4.86	12.6	1	3.2	306	0.73	0.05	12.1	0.256	1.59	4.4
M359504		18.8	108.5	0.003	0.24	2.21	11.9	1	2.9	355	0.69	0.10	11.3	0.244	1.44	4.0
M359505		14.8	105.5	<0.002	0.06	2.20	11.6	1	3.2	375	0.68	0.05	11.3	0.240	1.29	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12207084

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359470		76	4.5	14.0	47	38.9	<1
M359471		74	3.8	15.4	56	37.8	1
M359472		65	4.7	15.2	3190	33.5	31
M359473		66	5.5	14.9	1340	31.8	6
M359474		2	0.1	0.7	18	<0.5	<1
M359475		69	2.4	15.2	58	33.1	<1
M359476		69	2.5	13.3	74	36.1	<1
M359477		66	2.0	16.2	50	39.7	<1
M359478		56	5.7	10.8	5370	28.5	25
M359479		69	2.3	16.2	50	41.5	<1
M359480		73	4.3	16.6	70	41.4	<1
M359481		65	7.0	17.0	65	43.0	<1
M359482		65	4.1	16.6	52	36.9	1
M359483		68	2.5	16.4	47	39.2	<1
M359484		68	2.5	16.7	47	40.2	<1
M359485		58	3.7	15.4	494	35.1	3
M359486		65	5.5	16.8	139	39.1	<1
M359487		62	6.2	16.1	3000	36.8	23
M359488		2	0.1	0.8	15	<0.5	<1
M359489		66	2.2	16.3	122	40.2	<1
M359490		75	2.2	17.7	50	37.3	<1
M359491		67	7.9	17.1	40	36.9	<1
M359492		79	3.3	14.3	47	40.5	<1
M359493		88	5.2	15.9	54	40.0	<1
M359494		68	3.0	15.8	43	37.9	<1
M359495		68	2.8	16.5	58	36.1	<1
M359496		69	2.5	16.4	53	35.6	<1
M359497		67	4.7	17.2	40	39.8	<1
M359498		62	2.8	14.9	306	35.6	<1
M359499		65	2.5	16.3	84	40.0	<1
M359500		65	2.7	16.0	47	35.9	<1
M359501		65	2.2	15.9	39	38.9	<1
M359502		57	5.5	11.9	2930	42.3	9
M359503		70	4.3	16.3	49	41.6	1
M359504		65	74.9	16.0	46	39.4	<1
M359505		64	9.0	16.2	38	42.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12207084

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207085

Project: Klaza-124

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

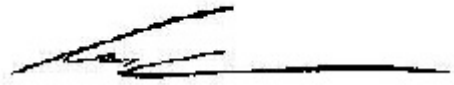
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207085

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357196		4.96	0.048	10.25	6.52	630	1620	1.48	1.03	0.18	15.95	46.9	9.3	6	18.95	185.0
M357197		7.15	1.330	42.6	6.47	1130	1260	1.32	2.55	0.12	13.10	42.7	2.8	7	17.15	74.6
M357198		7.20	0.010	0.36	7.28	57.5	1900	1.71	0.29	1.57	3.18	52.1	7.1	11	12.35	28.6
M357199		4.54	0.040	0.42	7.27	33.9	2310	1.39	1.57	1.77	1.05	48.6	8.5	7	10.45	38.0
M357200		4.67	0.030	0.72	6.44	251	2170	1.47	0.32	2.41	1.07	40.7	13.7	7	13.85	5.6
M357201		0.26	0.757	9.26	6.43	1740	420	1.43	5.81	1.91	42.6	45.2	16.4	19	16.60	106.5
M357202		7.40	0.005	0.14	7.05	24.1	1990	1.59	0.26	2.17	0.23	47.1	9.0	11	12.00	5.1
M357203		2.65	0.006	0.36	5.33	46.9	7860	1.22	0.17	4.02	1.45	41.2	6.7	5	15.25	14.0
M357204		4.92	<0.005	0.35	6.92	13.2	1850	1.53	0.25	2.27	0.48	43.6	6.4	9	12.70	12.9
M357205		4.94	0.008	0.12	7.18	9.2	2040	1.65	0.20	2.31	0.15	48.0	6.4	9	13.00	22.6
M357206		8.41	<0.005	0.57	7.07	10.6	2010	1.57	0.26	2.31	0.31	46.5	7.0	8	13.70	25.2
M357207		3.93	<0.005	0.21	6.96	11.2	2170	1.45	0.33	2.49	0.09	41.2	6.0	7	11.10	71.3
M357208		<0.02	<0.005	0.25	7.04	10.8	2170	1.48	0.35	2.44	0.08	44.6	5.7	6	11.05	64.5
M357209		8.28	<0.005	0.22	6.95	14.5	1990	1.44	0.23	2.75	0.21	43.3	8.5	10	6.92	45.0
M357210		4.95	<0.005	0.18	7.15	10.7	2100	1.56	0.26	2.39	0.11	47.6	8.0	8	7.59	15.4
M357211		8.59	0.007	0.20	7.15	10.0	2100	1.53	0.23	2.48	0.10	46.1	7.4	8	7.33	46.7
M357212		3.17	<0.005	0.12	6.96	9.0	2160	1.36	0.27	2.92	0.07	42.6	6.1	22	5.65	12.6
M357213		2.54	<0.005	0.15	6.19	8.4	1990	1.40	0.50	2.81	0.08	40.9	3.8	7	6.96	14.1
M357214		2.43	<0.005	0.01	0.04	<5	40	<0.05	0.01	20.7	0.05	1.12	1.1	<1	0.10	2.2
M357215		4.19	<0.005	0.20	7.35	10.8	2140	1.54	0.35	2.38	0.17	51.7	5.4	8	8.22	11.8
M357216		4.18	0.019	0.83	6.68	124.0	1940	1.48	0.36	2.35	1.82	47.4	5.6	7	8.46	10.3
M357217		3.48	<0.005	0.97	6.70	13.3	1880	1.52	0.27	2.14	0.95	38.7	3.3	7	8.51	10.6
M357218		3.01	0.671	49.5	6.38	218	1100	1.42	0.29	2.66	75.7	39.2	4.1	6	11.10	263
M357219		2.21	<0.005	0.08	0.07	<5	30	0.07	0.03	21.0	0.17	1.38	1.1	<1	0.18	2.3
M357220		2.72	<0.005	0.18	6.89	7.1	1850	1.43	0.23	2.31	0.17	41.3	3.3	14	6.30	7.0
M357221		5.21	<0.005	0.11	6.95	7.3	2730	1.42	0.26	2.01	0.07	45.3	4.0	9	6.33	5.0
M357222		6.97	<0.005	0.09	7.26	8.3	2260	1.50	0.23	1.82	0.07	50.2	3.8	9	6.09	5.9
M357223		2.89	<0.005	0.06	7.02	8.0	2110	1.45	0.23	1.78	0.05	47.4	3.9	8	5.81	7.9
M357224		4.81	<0.005	0.11	7.00	9.7	2330	1.50	0.20	1.93	0.03	48.0	3.8	7	8.43	3.0
M357225		8.04	<0.005	0.08	7.13	8.5	2130	1.54	0.23	2.54	0.05	49.2	5.3	11	6.59	6.6
M357226		4.62	<0.005	0.09	6.99	7.9	2130	1.60	0.25	2.38	0.09	52.0	6.4	10	6.40	11.2
M357227		0.25	0.781	9.07	6.31	1710	680	1.46	5.63	1.85	41.5	45.2	15.2	19	16.30	100.5
M357228		4.83	<0.005	0.13	6.97	11.9	2370	1.45	0.31	2.02	0.15	49.4	6.3	9	6.93	6.8
M357229		8.49	<0.005	0.11	6.93	11.9	2410	1.54	0.22	2.32	0.11	48.1	5.7	9	7.62	6.7
M357230		4.48	<0.005	0.10	7.01	7.6	2540	1.53	0.22	2.52	0.10	45.8	5.7	9	8.48	11.7
M357231		2.81	0.005	0.42	6.44	19.4	3290	1.42	0.33	2.72	0.11	44.0	7.2	8	10.40	23.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207085

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357196		3.72	15.15	0.12	1.1	0.578	2.83	24.9	61.9	0.17	4670	6.11	0.24	7.2	3.9	370
M357197		4.04	15.30	0.13	1.1	0.459	3.08	22.9	23.7	0.18	1900	2.67	0.03	7.0	1.8	370
M357198		3.23	16.95	0.13	1.7	0.125	3.25	27.3	13.5	0.49	1320	1.93	1.55	9.0	3.0	550
M357199		3.87	17.35	0.15	1.3	0.192	3.35	24.1	12.0	0.63	1000	1.98	1.34	8.9	2.9	600
M357200		3.17	15.55	0.12	1.2	0.092	3.35	19.2	14.9	0.57	1660	1.70	0.76	8.0	2.9	540
M357201		5.35	15.90	0.14	1.4	0.924	2.91	23.0	24.9	0.69	2010	14.15	0.26	8.1	17.3	490
M357202		2.98	16.20	0.12	1.3	0.067	2.94	23.3	11.8	0.74	715	4.73	2.34	8.7	2.9	550
M357203		2.80	12.80	0.11	1.1	0.049	2.21	21.4	184.5	0.54	1940	3.12	0.05	6.6	2.7	420
M357204		2.83	16.70	0.13	1.6	0.048	2.90	21.0	29.1	0.57	607	1.50	1.87	8.8	2.6	550
M357205		2.77	16.95	0.12	1.7	0.045	2.91	23.4	16.1	0.75	536	76.8	2.53	9.0	2.8	550
M357206		2.95	16.50	0.12	1.5	0.113	2.80	22.3	13.6	0.73	651	1.32	2.21	9.2	2.8	590
M357207		3.08	16.45	0.11	1.4	0.163	2.87	20.0	12.2	0.75	664	1.02	2.33	8.6	2.7	550
M357208		3.04	16.20	0.12	1.5	0.171	2.80	22.0	11.5	0.75	644	2.37	2.35	8.7	2.6	530
M357209		3.12	16.80	0.12	1.4	0.086	2.63	20.5	10.9	0.88	708	1.76	2.30	8.5	3.0	630
M357210		2.80	16.55	0.11	1.5	0.069	2.89	23.7	11.0	0.78	628	1.33	2.32	8.8	2.7	560
M357211		2.94	16.70	0.12	1.4	0.060	2.88	22.4	9.4	0.78	645	2.25	2.25	8.6	2.7	580
M357212		3.14	17.20	0.12	1.4	0.068	2.67	20.2	10.8	0.98	831	1.67	1.96	8.3	3.8	660
M357213		3.24	16.05	0.11	1.2	0.164	2.17	19.3	15.2	0.83	1240	0.52	1.37	7.5	3.9	530
M357214		0.47	0.21	<0.05	<0.1	<0.005	0.02	0.6	1.1	12.45	193	0.10	0.01	0.2	1.5	170
M357215		3.14	17.45	0.12	1.6	0.083	2.93	25.3	11.3	0.84	866	0.99	1.99	8.9	2.9	610
M357216		3.09	15.75	0.11	1.3	0.097	2.89	23.5	7.7	0.69	2200	0.90	1.62	7.7	2.5	530
M357217		3.06	15.95	0.11	1.3	0.120	3.13	18.0	11.0	0.64	1560	5.49	1.30	7.8	2.6	570
M357218		3.33	15.80	0.12	1.3	3.75	2.80	18.7	23.9	0.65	2510	1.97	0.72	7.4	2.4	520
M357219		0.47	0.26	<0.05	<0.1	0.011	0.03	0.7	1.2	12.55	200	0.18	0.01	0.3	1.4	170
M357220		2.75	16.25	0.09	1.5	0.069	2.40	19.5	8.0	0.67	683	1.19	2.49	8.2	2.6	550
M357221		2.79	15.65	0.11	1.4	0.074	2.44	22.2	11.1	0.68	588	1.29	2.48	8.1	2.5	560
M357222		2.76	16.60	0.11	1.4	0.060	2.85	25.5	10.4	0.76	512	2.43	2.37	8.5	2.6	570
M357223		2.76	16.00	0.13	1.5	0.062	2.76	24.0	9.9	0.75	511	2.09	2.24	8.6	2.7	570
M357224		2.48	16.30	0.11	1.3	0.092	2.35	24.4	14.6	0.78	450	0.94	1.70	8.0	2.4	560
M357225		2.80	16.50	0.12	1.5	0.074	2.72	24.4	11.7	0.77	511	1.19	1.96	8.4	3.0	590
M357226		2.76	16.35	0.12	1.6	0.059	2.71	25.8	9.6	0.76	490	1.10	2.30	8.8	2.9	530
M357227		5.21	15.45	0.14	1.4	0.918	2.80	23.4	24.2	0.68	1940	12.45	0.26	8.0	15.8	480
M357228		2.93	16.05	0.13	1.4	0.065	2.51	25.0	10.7	0.79	481	1.10	2.64	8.2	2.7	550
M357229		2.83	16.30	0.12	1.5	0.059	2.79	23.5	10.5	0.74	591	1.68	2.25	8.2	2.6	540
M357230		2.96	16.85	0.12	1.7	0.075	2.77	22.2	7.3	0.76	607	1.12	2.19	8.5	2.6	560
M357231		3.12	15.90	0.12	1.4	0.131	2.98	20.8	7.6	0.69	1140	1.21	1.41	8.0	2.6	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza-124

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12207085

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357196		527	162.5	<0.002	0.04	62.9	11.0	1	2.1	98.1	0.54	<0.05	12.6	0.221	2.32	6.2
M357197		7400	194.0	<0.002	0.43	116.5	9.9	1	3.5	74.2	0.51	0.22	11.2	0.214	2.98	6.8
M357198		41.9	169.0	<0.002	0.05	6.86	11.2	1	2.1	236	0.82	<0.05	15.1	0.231	1.93	3.3
M357199		25.5	165.5	<0.002	0.10	5.48	12.0	1	2.4	196.0	0.63	<0.05	13.0	0.264	1.96	2.8
M357200		100.5	162.0	<0.002	0.28	9.08	10.1	1	2.1	138.5	0.58	<0.05	11.3	0.226	2.30	3.4
M357201		1365	166.0	0.002	3.04	35.1	9.6	2	6.1	152.5	0.60	0.30	11.5	0.211	2.35	5.1
M357202		21.2	128.0	<0.002	0.05	4.28	11.0	1	2.0	302	0.66	<0.05	13.2	0.244	1.34	2.7
M357203		22.7	107.0	<0.002	0.22	34.3	8.5	1	1.4	165.5	0.54	<0.05	11.0	0.182	1.60	4.8
M357204		48.7	124.0	<0.002	0.03	7.70	10.5	1	1.9	261	0.71	<0.05	12.5	0.237	1.39	3.3
M357205		20.4	116.0	0.011	0.01	2.36	10.6	1	1.9	383	0.73	<0.05	13.5	0.242	1.14	3.9
M357206		669	114.5	<0.002	0.04	3.75	11.2	1	2.1	323	0.71	<0.05	12.2	0.253	1.21	3.4
M357207		19.2	110.0	<0.002	0.02	3.41	10.2	1	2.0	315	0.66	<0.05	11.7	0.244	1.20	2.8
M357208		17.7	116.5	<0.002	0.02	3.43	10.3	1	2.1	304	0.66	<0.05	12.7	0.243	1.21	2.9
M357209		33.3	106.0	<0.002	0.06	3.15	12.1	1	2.2	313	0.64	<0.05	11.4	0.270	1.24	2.5
M357210		20.6	116.5	<0.002	0.05	3.52	10.8	1	2.0	369	0.66	<0.05	13.6	0.251	1.19	3.7
M357211		17.2	115.5	<0.002	0.05	3.75	10.6	1	1.9	350	0.64	<0.05	12.7	0.244	1.22	3.3
M357212		9.9	106.0	<0.002	0.02	3.44	11.9	1	1.9	275	0.61	<0.05	10.9	0.257	1.22	3.4
M357213		10.3	87.2	<0.002	0.05	6.70	9.7	1	1.9	184.0	0.54	<0.05	9.9	0.225	1.22	3.8
M357214		1.5	0.9	<0.002	<0.01	<0.05	0.2	1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357215		20.2	117.0	<0.002	0.07	4.37	11.8	1	2.2	329	0.68	<0.05	13.3	0.258	1.31	3.9
M357216		98.4	126.5	<0.002	0.46	6.31	10.3	1	2.1	244	0.58	<0.05	13.1	0.228	1.54	4.3
M357217		165.5	127.0	<0.002	0.08	8.45	10.4	1	2.1	178.0	0.55	<0.05	10.3	0.241	1.74	4.1
M357218		>10000	122.0	<0.002	1.65	116.0	9.9	2	2.5	132.0	0.57	<0.05	10.6	0.229	1.79	5.7
M357219		17.3	1.6	<0.002	<0.01	0.26	0.3	2	<0.2	49.9	<0.05	<0.05	0.3	<0.005	<0.02	2.3
M357220		19.1	101.0	<0.002	0.02	3.81	10.2	1	1.9	220	0.66	<0.05	11.6	0.235	1.16	3.4
M357221		11.4	98.4	<0.002	0.04	4.37	10.3	1	2.0	236	0.65	<0.05	12.3	0.233	1.07	3.3
M357222		11.9	118.0	<0.002	0.02	3.44	10.6	1	2.2	242	0.66	<0.05	13.6	0.250	1.04	4.0
M357223		9.7	115.0	<0.002	0.01	3.39	10.5	1	2.4	238	0.66	<0.05	13.6	0.246	1.06	3.4
M357224		6.0	105.0	<0.002	0.06	4.90	10.6	1	1.9	153.0	0.63	<0.05	12.4	0.241	1.08	3.0
M357225		10.3	111.5	<0.002	0.05	2.86	10.5	1	2.0	212	0.66	<0.05	13.4	0.251	1.10	3.1
M357226		16.4	113.0	<0.002	0.06	2.54	10.3	1	2.0	295	0.74	<0.05	14.3	0.239	1.01	4.4
M357227		1335	162.5	0.002	2.96	34.2	8.8	2	6.1	148.5	0.61	0.27	11.6	0.204	2.29	5.2
M357228		17.2	104.5	<0.002	0.06	3.53	10.2	1	1.8	283	0.64	<0.05	13.7	0.236	0.95	4.1
M357229		17.7	111.0	<0.002	0.08	2.85	10.3	1	1.9	342	0.68	<0.05	12.9	0.233	1.14	4.4
M357230		15.5	111.5	<0.002	0.07	2.17	10.4	1	2.0	346	0.70	<0.05	12.3	0.241	1.19	3.7
M357231		13.8	146.5	<0.002	0.37	4.17	9.6	1	2.1	246	0.65	<0.05	11.1	0.218	1.84	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207085

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M357196		63	5.4	15.9	2090	30.5	10	
M357197		60	6.4	9.9	1420	30.7	53	
M357198		64	2.6	17.3	392	40.0	<1	
M357199		72	4.0	14.9	181	34.6	<1	
M357200		62	2.3	13.1	177	32.3	<1	
M357201		59	5.2	12.0	2950	40.9	9	
M357202		66	1.4	16.2	70	32.9	<1	
M357203		53	2.7	16.3	200	29.1	<1	
M357204		66	1.6	16.1	72	39.3	<1	
M357205		67	1.2	17.2	43	44.4	<1	
M357206		71	1.5	16.9	59	38.3	<1	
M357207		65	1.9	15.2	45	36.7	<1	
M357208		64	2.0	16.0	43	39.9	<1	
M357209		79	1.9	15.9	62	36.1	<1	
M357210		67	1.6	16.2	52	38.0	<1	
M357211		68	1.8	16.3	53	37.8	<1	
M357212		75	2.3	14.7	61	37.2	<1	
M357213		66	3.0	13.5	55	31.3	<1	
M357214		2	0.1	0.8	13	<0.5	<1	
M357215		73	1.8	16.6	56	40.6	<1	
M357216		62	2.6	14.6	214	33.3	<1	
M357217		67	3.6	12.3	169	33.4	1	
M357218		63	2.5	12.8	8350	31.4	49	1.005
M357219		2	0.1	0.9	25	<0.5	<1	
M357220		65	2.6	13.4	65	36.8	<1	
M357221		64	2.5	14.1	53	36.0	<1	
M357222		67	2.4	15.2	53	36.1	<1	
M357223		65	2.4	15.2	49	37.4	<1	
M357224		70	2.6	14.0	41	32.4	<1	
M357225		67	2.3	16.3	41	37.8	<1	
M357226		65	1.8	17.5	42	39.2	<1	
M357227		57	5.0	11.7	2820	40.1	9	
M357228		63	1.5	16.6	53	35.1	<1	
M357229		63	1.3	16.7	45	37.7	<1	
M357230		67	1.6	16.5	39	40.7	<1	
M357231		61	1.8	14.5	39	35.7	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207085

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207086

Project: Klaza-124

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

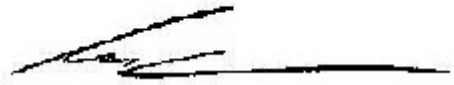
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207086

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357232		4.38	<0.005	0.07	6.43	10.1	2130	1.22	0.25	2.48	0.08	37.0	5.4	10	9.86	2.7
M357233		3.12	0.066	0.68	6.46	321	1800	1.33	0.24	3.23	0.36	45.4	6.5	7	18.40	6.4
M357234		2.87	<0.005	0.09	6.22	10.5	3230	1.35	0.24	2.46	0.07	36.5	6.3	9	10.25	4.3
M357235		2.85	<0.005	0.19	6.31	10.1	2730	1.33	0.28	2.64	0.08	36.3	6.3	11	10.25	2.3
M357236		5.34	<0.005	0.12	6.88	9.1	2800	1.37	0.29	2.54	0.07	42.8	5.6	9	9.35	4.4
M357237		<0.02	<0.005	0.10	6.92	8.7	2770	1.40	0.25	2.55	0.06	41.6	5.1	9	9.06	3.5
M357238		7.53	<0.005	0.08	7.22	9.0	3050	1.56	0.29	2.52	0.05	46.5	6.2	9	9.24	4.0
M357239		7.80	<0.005	0.10	7.02	7.4	2530	1.25	0.34	2.50	0.06	41.8	6.2	9	8.35	4.8
M357240		8.75	<0.005	0.36	7.15	9.1	2110	1.56	0.25	2.33	0.11	46.9	5.3	9	9.53	14.1
M357241		7.30	<0.005	0.14	6.94	8.2	2520	1.36	0.28	2.21	0.09	44.8	5.6	10	7.75	6.5
M357242		3.81	<0.005	0.12	6.87	7.6	2670	1.31	0.28	2.29	0.08	44.4	5.5	9	7.51	6.5
M357243		2.60	0.008	0.21	6.67	26.0	1650	1.31	0.28	2.29	0.22	39.4	4.2	8	9.83	3.8
M357244		2.72	0.019	0.52	6.50	26.2	2040	1.16	0.26	3.21	0.14	37.0	5.6	7	7.74	2.9
M357245		6.36	<0.005	0.16	7.12	9.0	2640	1.27	0.25	2.38	0.10	52.2	5.6	9	6.18	5.1
M357246		5.35	<0.005	0.10	7.09	11.0	2300	1.28	0.26	1.99	0.13	44.0	6.3	10	3.92	6.2
M357247		8.12	<0.005	0.12	7.01	13.6	2040	1.30	0.30	2.12	0.23	49.9	6.6	14	4.83	7.5
M357248		0.26	0.747	9.71	6.26	1625	350	1.30	6.20	1.82	40.2	41.6	15.7	19	15.30	101.0
M357249		3.52	<0.005	0.29	7.06	14.2	2130	1.34	0.34	2.00	0.23	44.8	7.0	10	5.77	5.3
M357250		2.82	0.023	2.17	6.34	38.8	1800	1.27	0.59	2.03	0.35	38.0	6.6	9	8.21	28.4
M357251		5.25	<0.005	0.16	6.19	7.9	3400	1.02	0.50	1.74	0.09	42.9	5.1	8	6.13	7.0
M357252		2.84	0.010	4.99	6.99	16.4	2380	1.48	0.30	2.71	0.09	48.9	6.4	9	10.30	16.8
M357253		3.22	0.009	0.32	6.65	35.2	2700	1.52	0.35	2.71	0.15	39.2	6.3	9	13.50	5.1
M357254		3.98	<0.005	0.02	0.07	<5	60	0.06	0.04	20.3	0.07	1.20	1.0	<1	0.17	1.9
M357255		3.05	0.005	0.19	7.13	50.7	3960	1.39	0.38	3.12	0.15	37.6	6.9	8	11.95	11.9
M357256		4.23	<0.005	0.12	7.47	12.0	2150	1.54	0.28	2.33	0.19	43.8	7.0	10	7.03	7.0
M357257		7.98	<0.005	0.13	7.60	10.5	1730	1.50	0.27	2.10	0.16	48.5	6.3	10	5.67	10.8
M357258		8.18	<0.005	0.14	7.80	13.0	1950	1.58	0.51	2.25	0.19	51.8	6.3	10	6.12	12.4
M357259		0.26	0.755	10.65	6.86	1840	630	1.62	6.77	1.93	43.7	42.1	18.1	21	16.15	113.0
M357260		8.23	<0.005	0.21	7.80	13.3	2030	1.72	0.29	2.29	0.16	48.7	6.3	11	7.56	17.1
M357261		4.60	<0.005	0.08	7.65	4.9	1230	1.22	0.16	1.65	0.04	48.0	6.6	9	6.44	6.5
M357262		2.66	0.069	0.23	6.86	430	2320	1.18	0.18	1.80	0.09	40.8	5.4	9	7.99	4.6
M357263		2.92	<0.005	0.14	7.34	8.2	2340	1.21	0.22	1.83	0.05	47.7	12.8	10	6.88	6.0
M357264		2.66	0.023	0.26	6.83	50.9	2450	1.25	0.24	2.74	0.21	39.0	5.9	9	12.50	4.9
M357265		2.14	<0.005	0.01	0.07	<5	40	0.08	0.04	20.9	0.04	1.07	1.0	<1	0.17	1.4
M357266		2.86	<0.005	0.13	6.73	13.5	2270	1.07	0.18	4.88	0.10	37.6	5.6	6	11.50	4.9
M357267		7.56	<0.005	0.16	7.66	13.5	2020	1.64	0.30	2.55	0.13	43.5	13.1	14	12.85	28.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207086

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357232		2.67	14.00	0.11	1.1	0.074	2.84	16.0	8.0	0.60	541	1.03	1.90	6.8	2.4	530
M357233		2.85	15.30	0.11	1.1	0.077	2.96	21.6	29.2	0.95	2380	0.83	0.03	6.9	2.6	500
M357234		2.70	14.00	0.12	1.1	0.073	2.92	17.0	10.4	0.65	593	0.85	1.52	6.8	2.4	510
M357235		2.55	13.85	0.11	1.2	0.065	2.57	17.2	9.2	0.56	573	1.08	1.87	7.4	2.4	550
M357236		2.50	15.45	0.12	1.5	0.072	2.42	21.2	11.2	0.68	467	1.21	2.26	8.2	2.5	560
M357237		2.52	14.80	0.11	1.4	0.074	2.43	21.7	10.8	0.68	467	1.35	2.29	7.9	2.5	560
M357238		2.60	15.90	0.13	1.6	0.072	2.63	22.7	11.4	0.81	492	1.36	2.41	8.7	2.8	580
M357239		2.55	14.05	0.10	1.4	0.078	2.38	21.8	9.0	0.77	474	1.19	2.54	7.4	2.4	550
M357240		2.52	15.65	0.11	1.8	0.048	2.89	23.5	10.4	0.72	476	1.22	2.14	8.2	2.6	570
M357241		2.63	15.05	0.12	1.3	0.070	2.61	24.2	8.6	0.75	452	0.88	2.52	7.6	2.6	540
M357242		2.60	14.85	0.12	1.3	0.075	2.57	22.7	8.6	0.74	449	0.99	2.49	7.5	2.5	540
M357243		2.58	15.25	0.10	1.2	0.082	2.90	19.2	10.6	0.69	1600	1.15	1.69	7.5	2.5	530
M357244		2.73	14.45	0.11	1.2	0.074	2.46	19.0	8.6	0.74	1420	0.69	1.98	7.0	2.4	520
M357245		2.56	14.85	0.13	1.4	0.066	2.56	26.8	8.7	0.73	516	1.19	2.61	7.4	2.4	520
M357246		2.80	13.85	0.10	1.4	0.055	2.58	23.4	10.9	0.80	455	49.4	2.73	7.0	2.3	550
M357247		2.63	15.00	0.10	1.3	0.052	2.73	25.2	9.9	0.78	490	1.53	2.48	7.4	2.4	540
M357248		4.91	14.15	0.11	1.3	0.858	2.80	21.7	24.6	0.66	1880	11.75	0.25	7.1	15.0	470
M357249		2.64	14.85	0.12	1.4	0.044	2.59	24.4	8.5	0.77	480	1.15	2.53	7.4	2.4	540
M357250		2.65	13.75	0.11	1.4	0.048	2.36	18.4	8.6	0.65	1020	1.07	1.93	6.5	2.4	500
M357251		2.18	12.35	0.08	1.2	0.043	1.53	23.1	7.9	0.57	434	0.55	2.73	6.0	2.1	460
M357252		2.54	15.10	0.21	1.4	0.045	2.64	25.6	11.0	0.66	869	1.12	1.63	7.5	2.8	500
M357253		2.80	15.70	0.24	1.2	0.064	2.54	19.1	10.4	0.78	803	0.53	1.87	7.9	2.7	580
M357254		0.47	0.33	0.15	<0.1	0.006	0.02	0.6	1.1	12.25	216	0.14	0.01	0.2	0.9	170
M357255		2.89	15.95	0.17	1.2	0.053	2.46	18.2	11.2	0.90	967	0.65	2.05	7.7	2.4	630
M357256		2.90	17.15	0.21	1.3	0.049	2.59	21.6	14.6	0.85	529	0.62	2.54	8.4	3.4	630
M357257		2.93	16.70	0.25	1.4	0.050	2.11	25.2	12.3	0.87	543	0.79	3.10	8.2	2.9	640
M357258		2.76	17.25	0.27	1.6	0.052	2.48	27.2	12.1	0.84	540	0.93	2.71	8.7	3.0	600
M357259		5.19	15.95	0.20	1.4	0.955	2.93	21.4	27.2	0.70	2070	13.25	0.27	8.2	16.7	520
M357260		2.75	17.70	0.26	1.6	0.046	2.57	24.6	11.4	0.85	619	0.94	2.62	8.8	2.9	640
M357261		2.55	16.45	0.25	1.5	0.018	1.85	25.8	8.0	0.74	332	0.52	2.99	7.1	2.9	610
M357262		2.51	14.15	0.24	1.2	0.027	2.09	21.5	13.9	0.64	1220	0.60	1.77	5.7	2.2	490
M357263		2.52	15.45	0.26	1.4	0.017	1.96	25.0	9.9	0.73	465	0.50	2.68	6.9	2.6	600
M357264		2.28	15.10	0.23	1.3	0.024	2.48	19.6	18.5	0.92	1440	0.43	0.70	6.6	2.5	580
M357265		0.47	0.40	0.22	<0.1	<0.005	0.03	0.5	1.1	12.55	212	0.08	0.01	0.3	1.4	190
M357266		2.37	15.60	0.21	1.2	0.027	1.76	18.7	19.5	0.99	681	0.34	2.04	6.5	2.2	560
M357267		2.87	17.05	0.23	1.3	0.042	2.70	21.4	14.5	0.69	543	1.29	2.20	8.6	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207086

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357232		9.1	113.0	0.003	0.10	3.64	9.0	<1	1.8	187.0	0.60	<0.05	10.5	0.220	1.71	3.5
M357233		39.1	149.5	0.002	0.78	11.25	9.4	1	2.2	92.3	0.57	<0.05	11.6	0.222	2.78	5.2
M357234		9.9	118.5	0.004	0.14	3.99	9.3	1	2.1	222	0.57	<0.05	10.4	0.219	1.64	3.3
M357235		11.7	101.5	<0.002	0.15	3.43	9.2	1	1.8	199.0	0.62	<0.05	10.5	0.236	1.56	5.9
M357236		11.3	106.0	0.002	0.13	3.37	10.3	1	2.0	212	0.73	<0.05	12.6	0.241	1.32	4.5
M357237		9.5	101.0	0.003	0.12	3.17	9.6	1	1.8	212	0.73	<0.05	11.6	0.238	1.22	3.9
M357238		10.2	104.5	0.002	0.14	3.41	10.9	1	2.0	227	0.72	<0.05	13.4	0.258	1.22	4.3
M357239		11.1	90.9	0.002	0.14	3.43	9.3	1	1.8	233	0.66	<0.05	12.5	0.233	1.23	3.8
M357240		20.8	108.5	0.002	0.08	3.51	10.3	<1	2.0	309	0.73	<0.05	14.5	0.243	1.32	3.7
M357241		17.8	98.0	<0.002	0.07	3.48	9.9	1	2.0	287	0.63	<0.05	12.7	0.233	1.16	3.5
M357242		18.3	100.5	0.003	0.07	3.63	9.8	1	1.9	274	0.63	<0.05	12.8	0.229	1.12	3.7
M357243		23.6	116.5	0.003	0.11	4.82	9.8	1	2.2	207	0.58	<0.05	11.4	0.226	1.63	3.9
M357244		23.0	93.3	0.003	0.26	3.92	9.5	1	2.0	197.5	0.57	<0.05	11.2	0.229	1.59	3.9
M357245		12.5	99.2	0.003	0.10	3.22	9.0	1	1.9	279	0.64	<0.05	14.8	0.222	1.10	4.6
M357246		16.1	91.7	0.005	0.07	2.66	9.5	1	2.0	371	0.60	<0.05	13.4	0.239	0.95	3.5
M357247		17.1	99.8	<0.002	0.08	2.75	10.1	1	2.1	392	0.59	<0.05	14.0	0.238	0.99	4.0
M357248		1280	152.5	0.002	2.89	31.5	8.4	1	5.6	143.0	0.56	0.32	11.4	0.202	2.35	4.8
M357249		21.0	104.0	0.002	0.09	3.55	10.3	1	1.9	347	0.62	<0.05	13.8	0.233	1.09	4.1
M357250		40.8	94.8	0.002	0.50	4.57	8.8	<1	1.6	203	0.55	0.06	11.4	0.205	1.45	3.8
M357251		11.2	69.4	0.004	0.19	2.71	8.1	1	1.4	243	0.53	0.05	13.0	0.177	0.89	3.7
M357252		22.4	110.0	<0.002	0.32	5.52	9.0	1	1.5	253	0.72	<0.05	14.0	0.208	1.45	5.3
M357253		18.7	96.8	<0.002	0.61	7.39	10.3	<1	2.0	252	0.61	<0.05	9.9	0.239	1.78	4.1
M357254		1.4	1.2	<0.002	<0.01	0.08	0.2	<1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357255		15.6	96.2	<0.002	0.27	6.17	10.7	<1	1.8	287	0.60	<0.05	10.4	0.244	1.57	3.5
M357256		20.6	93.5	<0.002	0.08	4.26	11.9	1	2.2	399	0.64	<0.05	11.8	0.262	1.11	3.5
M357257		26.2	84.8	<0.002	0.06	3.24	11.8	1	1.9	338	0.63	<0.05	13.1	0.255	0.90	3.9
M357258		18.2	99.7	<0.002	0.06	3.32	11.5	1	2.0	422	0.70	<0.05	15.0	0.252	1.06	4.8
M357259		1425	161.0	0.002	3.17	34.3	9.7	1	6.0	160.0	0.65	0.31	11.6	0.211	2.60	5.4
M357260		21.0	110.5	<0.002	0.09	3.32	12.1	1	2.2	326	0.72	<0.05	13.7	0.259	1.27	3.9
M357261		7.2	107.0	<0.002	0.08	1.96	11.4	1	2.0	165.5	0.61	<0.05	14.1	0.213	1.18	5.4
M357262		10.8	135.5	<0.002	1.23	6.19	9.1	<1	1.6	7720	0.52	0.05	12.0	0.175	1.65	3.8
M357263		10.1	115.0	<0.002	0.50	2.99	10.6	<1	1.5	7340	0.60	<0.05	13.5	0.204	1.45	3.8
M357264		45.4	142.0	<0.002	0.79	5.86	10.5	1	1.7	794	0.55	<0.05	10.7	0.210	2.26	5.1
M357265		1.2	1.6	<0.002	<0.01	0.06	0.2	<1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357266		10.2	82.1	<0.002	0.27	5.01	10.1	<1	1.8	271	0.50	<0.05	9.8	0.209	1.59	3.1
M357267		18.1	106.0	<0.002	0.15	3.51	11.1	1	2.0	382	0.68	<0.05	12.0	0.262	1.35	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207086

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357232		63	1.7	11.1	44	26.7	<1
M357233		63	4.0	13.8	73	28.9	1
M357234		62	2.0	11.8	45	26.7	<1
M357235		63	2.0	12.0	41	28.7	<1
M357236		65	2.5	14.3	41	33.3	<1
M357237		65	2.1	14.0	41	33.6	<1
M357238		70	2.3	15.7	42	39.0	<1
M357239		65	2.4	14.3	42	32.9	<1
M357240		66	1.7	16.2	43	44.7	<1
M357241		67	1.6	15.3	44	30.1	<1
M357242		65	1.6	14.8	43	30.0	<1
M357243		62	1.8	13.1	61	30.4	<1
M357244		64	2.1	13.0	56	28.5	<1
M357245		60	2.2	15.2	41	32.6	<1
M357246		66	4.5	15.0	45	32.2	<1
M357247		64	1.6	16.0	46	33.4	<1
M357248		55	4.9	10.4	2880	37.4	9
M357249		63	1.5	15.3	51	36.7	<1
M357250		59	1.8	11.5	87	32.9	1
M357251		52	1.4	11.0	40	28.2	<1
M357252		61	1.4	16.2	48	35.4	4
M357253		68	2.0	14.2	52	32.2	<1
M357254		2	0.1	0.8	18	<0.5	<1
M357255		73	1.6	14.9	54	32.3	<1
M357256		75	1.2	17.8	56	33.0	<1
M357257		77	1.4	18.0	61	35.6	<1
M357258		72	1.4	18.5	56	42.0	<1
M357259		63	5.1	12.4	3190	41.2	9
M357260		76	1.6	18.2	57	43.4	<1
M357261		73	1.4	15.0	37	40.1	<1
M357262		60	1.4	11.3	39	34.3	<1
M357263		67	1.2	13.5	48	38.0	<1
M357264		70	1.9	12.0	52	35.6	<1
M357265		2	0.1	0.8	13	<0.5	<1
M357266		67	1.5	13.8	65	30.6	<1
M357267		74	1.5	15.9	51	35.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12207086

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
This copy reported on 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207188

Project: Klaza - 93

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12207188

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N813776		0.18	6.90	7.4	2170	1.65	0.57	2.65	0.08	45.5	6.9	11	6.47	66.0	2.91	16.45
N813777		0.33	6.59	23.4	1820	1.58	0.48	3.17	0.17	42.3	7.9	9	7.91	128.0	2.99	16.75
N813778		0.50	6.83	13.9	2100	1.64	0.43	2.55	0.18	41.5	6.9	9	7.98	184.0	2.85	17.30
N813779		0.38	6.93	10.6	2140	1.59	0.47	2.38	0.92	43.1	8.4	8	7.44	83.4	3.06	17.65
N813780		0.86	7.10	52.4	1420	1.37	2.15	1.94	2.26	43.9	5.7	8	12.10	114.0	3.65	18.10
N813781		0.90	7.04	56.3	1380	1.39	2.47	1.84	2.28	46.7	5.1	8	12.80	113.5	3.55	17.70
N813782		0.37	6.65	21.0	2330	1.39	1.11	2.06	0.76	44.4	7.0	8	9.17	85.4	3.08	16.50
N813783		0.35	6.70	21.2	2450	1.79	1.91	2.58	0.59	42.3	7.6	8	8.96	111.0	2.94	14.95
N813784		0.29	6.82	19.3	2210	1.53	0.49	2.65	0.56	41.2	6.4	10	9.39	46.6	3.25	17.15
N813785		0.29	6.84	25.3	2010	1.53	0.63	2.60	0.51	41.2	8.7	10	9.45	42.1	3.14	17.00
N813786		0.27	7.09	17.4	2000	1.67	0.36	2.58	0.29	46.9	6.8	9	11.00	62.0	3.24	17.55
N813787		1.42	7.15	118.5	750	1.89	1.80	2.11	1.25	53.1	7.0	5	26.8	90.3	4.58	16.40
N813788		0.58	7.14	60.6	1770	1.51	0.50	1.53	0.75	45.2	6.0	8	16.60	165.5	2.75	18.30
N813789		4.44	6.66	196.0	580	1.68	3.13	2.09	1.95	46.0	7.0	8	12.45	76.0	3.66	16.55
N813790		0.03	0.06	<5	30	<0.05	0.02	19.55	0.06	1.13	1.2	<1	0.16	2.6	0.44	0.41
N813791		0.48	7.09	17.6	2080	1.53	1.04	2.09	0.20	43.2	5.7	8	11.85	79.0	2.83	18.10
N813792		1.12	6.81	56.1	1560	1.42	1.79	2.37	0.85	37.0	9.1	8	12.35	232	3.55	18.00
N813793		21.2	6.57	344	730	1.30	15.60	1.13	1.74	41.0	8.9	7	13.05	1485	7.87	16.90
N813794		1.46	7.07	57.9	1040	1.68	1.52	2.25	0.32	45.2	9.3	8	23.0	191.5	3.89	18.90
N813795		49.4	6.23	284	340	1.28	107.5	2.45	3.20	61.7	15.5	6	15.50	259	6.96	16.25
N813796		0.50	7.03	19.1	2050	1.53	0.95	2.29	0.35	49.3	6.2	8	11.15	118.5	3.22	17.85
N813797		0.59	6.84	26.4	2360	1.61	1.36	2.31	0.57	50.5	8.0	17	12.25	93.8	3.29	18.55
N813798		0.52	7.18	19.7	1810	1.50	0.72	2.49	0.38	51.8	7.1	9	15.05	73.7	3.26	17.85
N813799		0.64	7.12	28.7	2010	1.27	1.34	2.62	0.30	79.6	6.3	7	12.65	62.8	4.11	18.80
N813800		0.62	7.25	27.2	2610	1.37	1.92	1.89	0.58	65.5	6.3	7	14.00	94.4	3.58	18.25
N813801		1.21	7.27	63.2	710	1.53	2.15	1.79	0.30	57.1	10.9	9	8.66	190.0	4.47	19.35
N813802		1.83	7.32	53.8	950	1.42	2.82	1.67	0.48	66.2	12.4	9	9.69	126.0	4.80	18.70
N813803		>100	5.44	7760	1030	1.17	50.3	1.89	214	33.3	9.6	18	11.00	1210	8.12	13.85
N813804		0.90	6.94	33.0	2030	1.36	1.51	1.54	0.30	68.7	15.0	7	12.10	134.5	4.18	17.70
N813805		1.71	7.07	58.6	1360	1.66	2.90	1.90	0.90	52.0	8.2	7	16.40	33.3	4.12	17.40
N813806		61.9	3.67	757	200	0.65	80.0	0.92	12.45	43.2	33.9	6	5.22	2420	15.75	11.55
N813807		0.14	0.06	<5	20	0.06	0.11	19.55	0.07	1.08	1.1	<1	0.14	4.9	0.46	0.30
N813808		0.55	6.97	41.8	2130	1.40	1.15	2.06	1.09	62.6	9.1	7	12.05	54.6	3.28	18.00
N813809		9.68	6.16	1620	320	1.44	4.99	1.79	38.5	39.1	17.5	19	15.00	104.0	5.02	15.85
N813810		1.17	7.05	49.1	1300	1.32	1.55	2.19	0.38	50.1	57.7	8	14.10	191.5	3.87	17.35
N813811		0.61	6.63	27.4	2690	1.15	1.02	1.76	1.00	43.2	7.2	8	12.40	99.1	3.35	16.85

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12207188

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N813776		0.10	1.2	0.097	2.67	23.8	10.2	0.79	517	7.93	2.32	8.4	4.8	590	20.5	96.5
N813777		0.10	1.3	0.086	2.70	22.3	11.1	0.75	580	6.24	1.95	8.2	3.1	580	20.0	101.5
N813778		0.09	1.3	0.098	2.72	21.5	10.6	0.77	464	6.22	2.16	8.6	3.5	600	21.9	110.0
N813779		0.10	1.3	0.101	2.77	22.6	9.9	0.76	470	5.86	2.13	8.9	3.1	600	63.9	116.0
N813780		0.13	1.2	0.467	3.15	22.9	11.5	0.56	637	3.84	0.70	8.5	2.7	600	89.3	147.5
N813781		0.12	1.2	0.495	3.09	24.9	11.6	0.55	600	4.36	0.71	8.2	2.5	600	91.9	154.5
N813782		0.12	1.2	0.285	2.94	23.5	9.4	0.80	533	2.89	1.88	8.0	2.6	560	37.6	127.5
N813783		0.09	1.1	0.883	2.56	22.0	8.0	0.88	566	4.47	2.18	7.6	3.3	580	33.5	97.6
N813784		0.11	1.1	0.098	2.77	21.3	14.2	0.87	524	1.89	1.69	8.9	2.5	620	38.3	113.5
N813785		0.13	1.1	0.145	2.70	21.3	13.7	0.86	516	1.67	1.87	8.9	3.2	600	38.3	104.0
N813786		0.12	1.1	0.087	2.85	24.6	15.3	0.75	620	1.29	1.88	8.5	2.4	620	24.1	110.0
N813787		0.16	0.9	0.141	2.90	29.5	23.5	1.04	1420	1.99	0.04	8.0	3.4	570	85.1	159.0
N813788		0.15	1.1	0.108	2.83	22.4	26.7	0.54	663	2.27	0.11	7.8	2.7	580	57.8	111.5
N813789		0.20	1.1	0.210	2.86	24.4	7.9	0.62	648	3.13	1.04	6.8	2.6	490	1110	150.0
N813790		0.34	<0.1	<0.005	0.02	0.5	0.7	12.00	183	0.14	<0.01	0.3	1.6	150	2.2	1.2
N813791		0.23	1.2	0.156	2.84	21.8	11.8	0.85	485	2.83	1.40	8.3	2.7	560	22.3	118.0
N813792		0.22	0.8	0.348	2.83	18.3	8.8	0.84	791	11.60	1.40	7.4	3.1	630	53.2	122.0
N813793		0.21	0.7	1.050	3.04	22.1	5.7	0.71	1700	4.11	0.04	5.9	2.9	560	336	223
N813794		0.20	0.9	0.181	3.22	23.0	11.0	0.90	1080	30.8	0.05	7.6	3.1	690	45.0	160.0
N813795		0.20	0.7	0.423	2.84	35.4	8.7	1.10	2630	29.0	0.03	5.8	4.0	560	647	198.0
N813796		0.20	0.8	0.156	2.76	25.9	12.4	0.78	459	13.90	1.52	7.4	2.8	640	30.2	119.5
N813797		0.19	0.8	0.138	2.53	27.0	10.6	0.72	483	9.58	1.48	7.4	3.0	610	59.7	111.0
N813798		0.21	0.8	0.108	2.49	27.2	13.6	0.68	516	29.5	1.55	7.4	2.8	630	27.1	109.5
N813799		0.24	0.9	0.191	2.90	48.1	19.3	0.91	521	23.5	1.36	7.6	3.2	570	30.7	136.5
N813800		0.20	0.9	0.341	3.00	36.8	12.7	0.88	486	2.38	1.86	7.4	2.7	590	32.4	135.0
N813801		0.22	0.7	0.455	2.82	32.6	8.8	0.85	633	1.75	1.26	7.1	3.6	580	26.2	162.5
N813802		0.21	0.8	0.344	2.95	37.6	12.0	0.90	893	0.68	1.15	7.1	3.2	590	42.3	139.5
N813803		0.17	1.1	4.56	2.20	17.1	27.0	0.61	3010	15.80	0.08	5.2	13.5	420	9460	121.0
N813804		0.17	0.7	0.242	2.20	40.8	21.7	0.87	530	0.64	0.47	6.7	3.6	550	29.5	103.5
N813805		0.17	0.8	0.386	2.86	29.2	10.7	0.89	1500	1.98	0.46	6.8	2.9	560	38.2	173.5
N813806		0.28	0.4	1.600	1.68	23.1	5.9	0.48	2580	4.76	0.03	3.2	3.2	260	1040	93.7
N813807		0.16	<0.1	0.005	0.02	0.5	0.8	11.95	187	0.15	<0.01	0.3	1.2	170	2.8	1.4
N813808		0.20	0.8	0.269	2.81	35.2	12.3	0.83	829	3.84	0.83	7.0	2.9	560	19.1	149.0
N813809		0.16	1.3	0.865	2.64	20.1	21.4	0.63	1860	12.45	0.24	7.0	15.5	460	1280	137.0
N813810		0.18	0.8	0.359	2.50	26.5	9.7	0.68	681	4.73	1.35	6.7	3.5	550	28.8	118.5
N813811		0.15	0.8	0.185	2.58	21.6	22.4	0.59	795	3.73	0.08	6.7	2.9	540	48.3	86.3

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12207188

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N813776		0.008	0.26	1.94	10.4	2	3.0	360	0.71	0.15	13.3	0.256	1.08	3.7	67	1.7
N813777		0.003	0.43	2.84	11.0	2	2.8	308	0.69	0.20	12.4	0.254	1.27	2.7	68	1.9
N813778		<0.002	0.22	3.02	11.3	2	2.6	341	0.71	0.10	12.6	0.262	1.39	3.0	69	2.1
N813779		0.002	0.29	2.58	11.1	2	2.7	329	0.73	0.05	12.2	0.261	1.45	3.8	68	2.3
N813780		0.002	1.70	10.95	11.3	2	5.0	108.0	0.69	0.19	12.1	0.256	2.29	5.9	69	3.3
N813781		<0.002	1.63	11.85	11.2	2	5.1	91.7	0.66	0.20	13.6	0.250	2.46	6.0	67	3.3
N813782		<0.002	0.52	4.26	10.3	1	3.3	226	0.70	0.13	12.0	0.247	1.81	3.4	65	2.1
N813783		0.002	0.83	2.48	9.8	2	3.0	211	0.64	0.26	11.1	0.252	1.61	4.2	65	1.8
N813784		<0.002	0.27	4.13	11.3	2	2.8	253	0.67	0.09	10.5	0.276	1.45	2.8	72	2.4
N813785		0.003	0.29	3.76	11.0	1	2.9	267	0.70	0.13	10.2	0.273	1.59	3.3	72	2.1
N813786		<0.002	0.10	5.01	11.0	1	2.7	329	0.71	0.05	12.9	0.267	1.47	3.5	69	2.2
N813787		<0.002	0.91	32.4	11.5	1	5.6	69.6	0.62	0.07	15.1	0.246	2.43	4.6	68	4.7
N813788		<0.002	0.38	52.2	11.3	1	2.6	88.5	0.67	0.14	12.9	0.253	1.75	4.8	67	3.9
N813789		<0.002	2.06	19.45	10.0	1	3.9	193.0	0.61	0.26	13.2	0.211	1.92	4.6	57	2.8
N813790		<0.002	<0.01	0.14	0.2	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N813791		<0.002	0.27	5.65	10.9	1	2.6	212	0.73	0.16	13.5	0.244	1.68	3.8	64	2.3
N813792		0.003	1.53	6.87	11.0	2	4.3	171.0	0.54	0.57	8.6	0.267	2.19	3.2	68	3.0
N813793		<0.002	6.34	21.1	10.7	2	8.8	29.0	0.40	0.81	7.5	0.222	3.10	2.1	67	11.4
N813794		0.002	1.40	11.35	13.1	2	4.0	74.2	0.53	0.44	8.4	0.276	2.82	4.1	79	3.6
N813795		0.020	4.67	26.2	10.4	2	6.9	46.9	0.37	0.78	7.5	0.214	2.87	3.9	66	7.3
N813796		0.004	0.61	5.78	12.3	1	3.2	273	0.54	0.19	9.7	0.271	1.80	3.5	73	2.1
N813797		0.007	1.08	3.64	11.5	2	5.5	252	0.54	0.32	9.0	0.255	1.74	3.8	71	2.8
N813798		0.010	0.55	3.32	12.3	1	2.9	261	0.55	0.18	10.2	0.263	1.54	3.4	71	2.4
N813799		0.008	1.40	3.19	11.6	2	5.3	168.0	0.57	0.36	10.8	0.251	2.11	6.4	73	2.1
N813800		0.002	0.79	3.59	11.2	1	4.5	213	0.59	0.34	11.4	0.256	2.14	4.1	78	1.5
N813801		<0.002	1.89	2.94	11.6	2	6.8	176.0	0.51	0.44	10.8	0.249	2.02	4.1	79	2.4
N813802		<0.002	1.61	5.00	11.9	1	5.3	176.0	0.53	0.54	13.1	0.248	2.10	3.6	69	3.2
N813803		<0.002	6.72	213	7.2	2	7.7	115.5	0.43	0.51	9.2	0.178	2.12	5.2	51	4.5
N813804		<0.002	1.06	10.10	10.6	2	4.3	109.5	0.46	0.23	10.6	0.240	1.59	3.2	67	3.3
N813805		<0.002	1.66	8.46	10.7	1	5.2	103.5	0.51	1.08	10.5	0.240	2.64	6.7	62	3.5
N813806		0.004	>10.0	56.4	5.4	4	7.3	30.8	0.22	3.95	5.2	0.106	2.09	2.4	38	4.8
N813807		<0.002	0.03	0.14	0.2	1	<0.2	43.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2	0.1
N813808		0.003	1.10	5.49	10.7	1	4.7	169.0	0.53	0.29	11.7	0.237	2.30	6.7	69	2.2
N813809		<0.002	2.81	31.5	8.6	1	5.2	136.0	0.57	0.27	11.1	0.195	2.31	4.8	53	5.1
N813810		0.003	1.60	9.14	10.9	2	3.3	164.5	0.49	0.44	10.9	0.226	1.89	6.2	66	1.4
N813811		0.002	0.66	25.8	9.9	1	4.0	100.0	0.47	0.20	9.1	0.240	1.59	4.5	68	2.4

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12207188

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	2	0.5	1	0.001
N813776		14.8	32	29.9		
N813777		16.0	36	33.4		
N813778		14.8	35	34.4		
N813779		14.9	98	34.3		
N813780		14.9	212	32.8		
N813781		15.3	204	33.1		
N813782		13.8	77	30.6		
N813783		13.7	79	27.4		
N813784		16.0	71	28.8		
N813785		15.6	65	29.0		
N813786		15.5	54	27.4		
N813787		14.9	157	26.0		
N813788		14.5	86	27.8		
N813789		13.2	159	26.9		
N813790		0.7	12	<0.5		
N813791		13.5	53	29.8		
N813792		12.6	102	18.9		
N813793		9.2	175	16.7		
N813794		13.0	77	22.5		
N813795		10.6	378	16.9		
N813796		14.3	69	20.7		
N813797		13.9	63	20.8		
N813798		16.0	60	19.1		
N813799		16.4	64	19.8		
N813800		14.5	77	21.1		
N813801		12.0	65	17.6		
N813802		11.8	101	18.1		
N813803		8.4	>10000	31.7	121	1.665
N813804		13.1	79	17.9		
N813805		11.1	143	18.9		
N813806		13.3	1080	9.4		
N813807		0.7	15	<0.5		
N813808		13.5	265	19.7		
N813809		10.1	2770	38.4		
N813810		14.1	86	20.6		
N813811		12.7	170	20.8		

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 93

CERTIFICATE OF ANALYSIS WH12207188

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
This copy reported on 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207426

Project: Klaza-81

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12159384**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2012
Account: ROCKHA

Project: Klaza-81

CERTIFICATE OF ANALYSIS WH12207426

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899447		3.63
M899448		<0.005
M899449		0.097
M899450		0.040
M899451		0.087
M899452		0.041
M899453		0.094
M899454		0.048
M899455		2.37
M899456		0.016
M899457		<0.005
M899458		0.013
M899459		0.016
M899460		0.082
M899461		0.010
M899462		0.033
M899463		0.106
M899464		0.658
M899465		0.074
M899466		0.085
M899467		0.271
M899468		0.137
M899469		0.126
M899470		0.076
M899471		<0.005
M899472		0.184
M899473		0.180
M899474		0.087
M899475		0.054
M899476		0.132
M899477		0.188
M899478		0.775
M899479		0.045
M899480		0.033
M899481		0.115
M899482		0.101

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12159384**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
This copy reported on 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207427

Project: Klaza - 85

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	JARED TARSWELL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12164248**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza - 85

CERTIFICATE OF ANALYSIS WH12207427

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899617		<0.005
M899618		0.405
M899619		<0.005
M899620		<0.005
M899621		0.006
M899622		<0.005
M899623		0.046
M899624		0.083
M899625		0.793
M899626		<0.005
M899627		0.107
M899628		<0.005
M899629		<0.005
M899630		<0.005
M899631		<0.005
M899632		0.005
M899633		0.228
M899634		0.011
M899635		<0.005
M899636		0.065
M899637		<0.005
M899638		0.756
M899639		<0.005
M899640		<0.005
M899641		0.006
M899642		0.072
M899643		<0.005
M899644		0.064
M899645		0.056
M899646		0.048
M899647		<0.005
M899648		0.125
M899649		0.013
M899650		0.014
N810001		0.014
N810002		0.114

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12164248**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
This copy reported on 17-SEP-2012
Account: ROCKHA

CERTIFICATE WH12207429

Project: Klaza-89

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	JARED TARSWELL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176322**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2012
Account: ROCKHA

Project: Klaza-89

CERTIFICATE OF ANALYSIS WH12207429

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N810362		0.797
N810363		<0.005
N810364		<0.005
N810365		<0.005
N810366		<0.005
N810367		<0.005
N810368		0.011
N810369		0.005
N810370		0.036
N810371		<0.005
N810372		0.005
N810373		<0.005
N810374		0.005
N810375		0.010
N810376		0.007
N810377		0.090
N810378		0.007
N810379		<0.005
N810380		<0.005
N810381		<0.005
N810382		0.800
N810383		<0.005
N810384		<0.005
N810385		<0.005
N810386		<0.005
N810387		<0.005
N810388		0.007
N810389		<0.005
N810390		<0.005
N810391		0.007
N810392		<0.005
N810393		0.008
N810394		0.009
N810395		0.010
N810396		<0.005
N810397		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176322**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12209427

Project: Klaza-120

P.O. No.: Batch 3

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

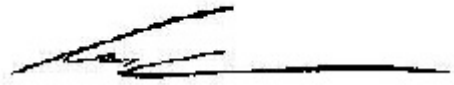
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12209427

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357073		5.53	0.006	0.05	6.53	12.4	1220	1.26	0.16	2.53	0.10	39.7	6.6	13	7.08	7.4
M357074		2.47	0.013	0.56	6.34	32.3	1030	1.17	1.03	3.13	0.24	38.4	5.5	8	18.55	11.7
M357075		6.23	<0.005	0.04	6.75	4.8	1230	1.16	0.24	2.59	0.08	43.7	6.2	13	9.63	6.1
M357076		5.95	<0.005	0.07	6.61	4.8	1140	1.24	0.64	2.51	0.08	40.0	6.3	11	9.76	10.3
M357077		0.26	0.761	9.35	6.28	1725	1490	1.37	6.29	1.85	39.5	40.3	16.0	20	14.85	109.5
M357078		2.71	<0.005	0.10	6.58	4.5	1220	1.21	0.50	2.54	0.28	41.5	6.8	10	8.71	55.7
M357079		3.55	<0.005	0.12	6.49	4.7	1160	1.23	0.41	2.59	0.12	41.5	6.4	10	10.40	21.4
M357080		2.15	0.048	1.42	6.31	564	930	1.22	1.59	2.70	0.47	39.5	5.9	8	16.50	10.3
M357081		6.05	<0.005	0.28	6.81	8.3	1170	1.23	2.68	2.53	0.14	40.3	6.5	10	12.65	22.6
M357082		2.81	<0.005	0.06	6.54	4.2	1200	1.13	0.30	2.68	0.07	39.1	6.6	10	10.05	18.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12209427

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357073		2.38	15.30	0.13	0.8	0.027	2.38	21.7	16.3	0.72	602	0.95	2.14	9.3	3.8	390
M357074		2.10	13.85	0.13	0.8	0.026	2.71	22.1	55.5	0.98	1190	2.02	0.08	7.6	3.2	340
M357075		2.37	14.45	0.14	0.9	0.025	2.37	24.2	14.1	0.75	623	0.78	2.11	9.0	3.5	390
M357076		2.27	14.45	0.14	0.8	0.023	2.34	21.3	15.2	0.74	607	0.85	1.95	8.8	3.3	390
M357077		5.00	15.25	0.19	1.2	0.896	2.83	21.7	24.9	0.67	1940	12.55	0.25	7.9	15.6	480
M357078		2.32	14.55	0.13	0.8	0.027	2.33	22.8	14.9	0.72	562	0.76	2.06	9.0	3.5	400
M357079		2.22	14.10	0.13	0.8	0.026	2.38	22.4	12.8	0.67	547	0.81	1.97	9.0	3.1	390
M357080		2.28	13.95	0.13	0.9	0.044	2.88	21.2	19.8	0.68	1660	0.87	0.97	8.8	3.3	360
M357081		2.30	14.60	0.13	0.9	0.028	2.55	21.6	14.3	0.66	591	0.89	1.82	8.5	3.2	390
M357082		2.28	15.00	0.14	0.9	0.023	2.43	20.5	10.2	0.68	596	0.71	2.01	8.7	3.6	400

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12209427

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357073		15.1	83.8	<0.002	0.02	1.16	9.2	1	1.1	320	0.79	<0.05	13.3	0.230	0.70	3.5
M357074		23.7	134.5	<0.002	0.16	37.3	8.1	1	1.2	119.0	0.69	<0.05	13.2	0.191	1.61	4.4
M357075		15.6	91.2	<0.002	0.02	1.03	9.1	1	1.3	323	0.83	<0.05	13.9	0.225	0.78	3.4
M357076		16.3	94.5	<0.002	0.02	4.34	8.9	1	1.4	300	0.79	<0.05	13.3	0.219	0.81	3.7
M357077		1320	163.5	<0.002	2.97	29.9	9.7	1	5.5	144.5	0.57	0.23	11.5	0.204	2.40	4.6
M357078		20.5	91.6	<0.002	0.07	0.97	9.1	1	1.6	322	0.81	<0.05	13.7	0.223	0.80	3.5
M357079		17.6	96.2	<0.002	0.03	2.97	8.6	1	1.5	309	0.81	<0.05	13.1	0.211	0.79	3.4
M357080		108.5	135.5	<0.002	0.28	19.05	8.2	1	1.6	199.0	0.78	0.38	14.5	0.207	1.60	4.7
M357081		30.3	104.5	<0.002	0.04	11.00	8.7	1	1.7	298	0.80	0.05	14.0	0.218	1.08	3.8
M357082		14.4	92.6	<0.002	0.05	2.20	8.6	1	1.4	318	0.75	<0.05	12.6	0.222	0.98	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12209427

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357073		67	0.5	13.5	45	22.6	<1
M357074		58	1.9	10.9	61	21.7	<1
M357075		67	0.7	13.9	43	24.0	<1
M357076		65	1.0	13.1	42	24.1	<1
M357077		57	4.7	12.5	2960	39.8	9
M357078		67	0.9	13.7	41	23.2	<1
M357079		63	0.8	13.2	41	25.1	<1
M357080		61	1.5	12.2	75	25.2	1
M357081		66	1.3	11.5	46	23.0	<1
M357082		67	1.0	11.8	42	25.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-120

CERTIFICATE OF ANALYSIS WH12209427

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

CERTIFICATE WH12209428

Project: Klaza-122

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

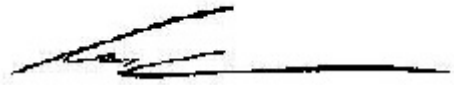
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209428

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359542		2.28	0.070	3.74	6.82	335	2160	1.36	0.52	1.73	5.02	42.6	5.2	7	17.65	15.1
M359543		2.88	0.696	40.1	4.87	3120	500	1.12	0.67	1.93	51.7	32.3	4.5	6	12.65	106.5
M359544		2.99	<0.005	0.08	0.06	7	30	0.05	0.03	20.8	0.13	1.12	1.2	<1	0.20	2.7
M359545		2.33	0.012	0.81	6.62	112.0	1140	1.36	0.70	2.31	0.26	40.6	6.9	6	21.8	7.7
M359546		2.73	<0.005	0.13	7.14	26.0	2030	1.49	0.45	1.75	0.12	43.4	5.7	8	21.2	5.4
M359547		2.40	0.033	1.81	6.78	119.5	1210	1.43	0.62	2.99	1.87	41.8	7.2	7	21.7	10.7
M359548		5.04	<0.005	0.30	6.91	27.8	2290	1.26	0.53	2.31	0.13	41.2	6.8	8	19.65	7.4
M359549		4.57	<0.005	0.30	6.56	31.4	2150	1.31	0.47	2.62	0.11	38.2	6.3	9	14.45	10.0
M359550		2.58	0.013	0.55	6.50	42.2	2060	1.29	0.69	2.52	0.10	35.0	5.9	8	14.65	9.1
M359551		5.80	<0.005	0.12	6.77	14.6	2080	1.40	0.51	2.76	0.10	41.1	6.8	10	13.20	11.7
M359552		2.67	<0.005	0.10	6.47	13.5	2200	1.40	0.63	3.47	0.11	41.0	6.4	9	12.15	13.6
M359553		3.94	<0.005	0.16	6.44	22.7	1760	1.38	0.44	3.01	0.10	37.8	7.6	8	15.75	22.9
M359554		2.90	0.024	1.21	6.50	65.1	890	1.37	0.56	2.84	0.28	43.8	6.6	7	20.9	39.1
M359555		4.40	0.032	0.60	6.92	61.5	1220	1.50	0.46	2.43	0.27	42.2	7.4	7	22.5	35.7
M359556		5.32	<0.005	0.09	6.94	16.4	400	1.74	0.19	3.53	0.17	46.0	6.8	8	26.4	7.2
M359557		3.13	<0.005	0.02	6.83	14.7	990	1.69	0.17	3.34	0.13	44.5	6.4	8	28.3	6.0
M359558		0.26	2.28	24.6	5.55	3180	1320	1.22	17.80	2.13	75.9	50.0	9.7	17	13.80	425
M359559		2.34	0.064	0.78	6.54	71.9	1740	1.47	0.32	2.74	0.30	44.5	6.8	6	23.6	9.3
M359560		3.98	<0.005	0.16	6.86	12.3	2240	1.57	0.29	2.58	0.10	46.9	3.7	9	10.50	6.8
M359561		2.54	0.541	3.53	5.43	753	1870	1.08	2.25	2.16	1.89	37.3	23.4	5	10.50	19.8
M359562		2.27	0.005	0.21	6.86	31.6	1800	1.53	0.28	2.05	0.10	41.2	4.0	8	14.50	15.8
M359563		2.04	<0.005	0.08	0.05	<5	20	0.07	0.04	20.1	0.05	1.06	0.5	<1	0.13	1.7
M359564		7.23	<0.005	0.19	6.85	12.5	2150	1.31	0.57	2.56	0.11	45.6	7.2	9	8.62	33.5
M359565		0.25	2.30	24.6	5.79	3350	1000	1.31	18.30	2.22	77.4	45.8	9.8	18	13.50	444
M359566		7.38	<0.005	0.25	7.38	12.8	2310	1.34	0.57	1.51	0.16	51.7	9.6	9	12.25	23.1
M359567		4.09	0.007	0.22	6.86	33.3	2070	1.42	0.26	2.06	0.15	41.7	7.3	9	15.75	11.3
M359568		2.79	0.405	11.90	6.82	1400	1690	1.66	1.23	2.06	2.55	51.9	22.6	8	21.9	71.1
M359569		3.08	0.190	2.00	6.32	436	1090	1.48	0.65	2.17	1.31	49.7	10.4	8	22.2	23.5
M359570		2.26	<0.005	0.15	6.88	15.0	1830	1.65	0.33	2.38	0.12	46.1	7.0	9	16.35	13.1
M359571		3.73	0.010	0.12	6.48	27.0	2040	1.46	0.28	2.80	0.25	41.1	6.0	9	14.70	8.5
M359572		<0.02	0.012	0.13	6.53	26.7	2040	1.43	0.29	2.76	0.23	39.1	5.8	8	14.60	7.7
M359573		2.33	0.051	0.77	6.64	163.5	1530	1.52	0.27	2.89	0.88	50.5	4.7	7	23.1	17.3
M359574		3.83	<0.005	0.16	7.13	20.3	2050	1.58	0.25	2.77	0.16	41.9	6.8	12	16.60	9.4
M359575		2.35	0.043	1.64	6.86	65.7	3040	1.62	0.50	2.47	2.26	50.6	14.6	12	19.80	29.8
M359576		4.49	<0.005	0.19	7.24	8.5	2150	1.59	0.56	2.68	0.12	47.9	8.1	10	14.05	17.5
M359577		2.33	<0.005	0.52	7.28	8.2	2090	1.58	0.84	2.47	0.12	45.3	8.2	9	13.80	11.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209428

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359542		2.48	16.00	0.14	1.2	0.077	3.03	22.5	36.5	0.61	2030	6.72	0.03	8.0	2.8	510
M359543		3.23	11.70	0.13	0.8	0.184	2.24	16.7	37.4	0.63	2750	3.38	0.03	5.4	2.4	350
M359544		0.48	0.23	0.06	<0.1	<0.005	0.03	0.5	1.0	12.45	220	0.11	<0.01	0.3	2.4	170
M359545		2.12	15.65	0.14	1.2	0.034	2.93	20.6	24.1	0.70	2040	3.29	0.02	7.6	2.7	520
M359546		2.79	16.50	0.15	1.2	0.043	2.91	22.2	52.7	0.65	678	1.14	0.65	8.6	2.3	580
M359547		3.11	16.20	0.16	1.2	0.085	3.08	21.7	45.2	0.93	2200	1.57	0.40	8.3	2.9	540
M359548		2.81	16.20	0.15	1.1	0.052	2.78	20.7	37.8	0.66	653	2.42	1.18	8.7	2.6	590
M359549		2.72	15.45	0.16	1.0	0.038	2.74	19.3	15.3	0.66	578	1.47	1.89	8.3	2.5	530
M359550		2.76	15.65	0.15	1.0	0.055	2.85	17.8	31.9	0.69	663	1.53	1.52	7.9	2.6	550
M359551		2.69	15.90	0.16	1.1	0.044	2.68	21.9	16.3	0.66	550	1.59	1.69	8.3	2.8	540
M359552		2.69	15.50	0.16	1.1	0.044	2.64	21.2	15.4	0.63	579	1.78	1.80	8.4	2.8	520
M359553		2.68	15.70	0.15	1.0	0.051	3.06	19.7	26.3	0.64	688	1.88	1.10	8.1	2.9	550
M359554		2.76	16.00	0.16	1.1	0.064	2.78	23.0	38.0	0.82	1520	1.79	0.04	8.2	2.7	540
M359555		2.62	16.70	0.15	1.1	0.068	3.26	21.6	29.5	0.76	1150	1.51	0.04	8.3	2.8	570
M359556		2.50	19.20	0.16	3.0	0.029	2.64	23.5	96.3	1.02	617	0.78	0.05	10.2	4.6	730
M359557		2.44	18.25	0.16	3.2	0.030	2.85	23.0	66.6	0.91	647	0.66	0.06	10.2	4.2	730
M359558		6.30	13.50	0.12	0.9	1.545	2.56	23.5	23.2	0.87	1820	12.90	0.03	5.4	15.2	430
M359559		3.00	14.15	0.13	1.2	0.051	3.13	21.1	19.3	0.76	1860	0.82	0.05	6.4	2.6	510
M359560		2.87	15.25	0.14	1.2	0.048	2.92	21.0	16.0	0.68	742	1.10	1.61	6.8	2.4	560
M359561		8.99	14.55	0.11	0.9	0.121	2.64	18.3	9.7	0.94	4650	5.27	0.02	4.5	4.0	410
M359562		3.10	15.15	0.14	1.2	0.059	3.17	18.8	36.1	0.64	1040	1.64	0.28	6.7	2.1	530
M359563		0.44	0.18	0.12	<0.1	0.007	0.02	0.5	0.9	12.05	203	0.26	<0.01	0.1	2.1	170
M359564		2.80	15.25	0.18	1.1	0.052	2.77	20.6	9.7	0.72	561	2.18	2.06	7.0	2.4	550
M359565		6.50	13.75	0.16	0.9	1.570	2.69	22.4	21.7	0.91	1900	12.55	0.04	5.3	14.9	440
M359566		2.84	16.30	0.14	1.2	0.048	2.68	23.7	30.3	0.47	615	2.17	0.74	8.6	2.5	580
M359567		2.71	15.50	0.13	1.4	0.039	2.86	17.9	22.8	0.55	598	2.37	0.95	8.0	2.3	530
M359568		3.24	14.45	0.17	1.1	0.112	3.18	25.9	27.1	0.72	1770	2.49	0.04	7.1	2.7	500
M359569		2.85	14.25	0.16	1.0	0.111	2.64	24.8	63.4	0.72	1860	3.30	0.03	6.9	2.6	430
M359570		2.78	15.10	0.14	1.2	0.051	2.86	20.2	36.1	0.65	737	2.40	1.59	7.8	2.3	530
M359571		2.77	15.25	0.14	1.2	0.050	2.91	17.0	11.3	0.66	1670	1.60	1.68	7.6	2.3	510
M359572		2.75	14.80	0.15	1.2	0.052	2.85	16.9	10.7	0.66	1630	1.51	1.68	7.5	2.3	510
M359573		2.93	14.60	0.15	1.3	0.116	3.36	23.7	18.0	0.89	2270	2.17	0.06	7.3	2.2	490
M359574		2.85	15.55	0.14	1.3	0.043	3.03	18.0	33.8	0.66	876	1.63	1.47	8.0	2.2	580
M359575		3.09	15.10	0.15	1.2	0.162	2.76	23.0	80.8	0.85	1180	4.98	0.12	7.9	2.7	560
M359576		2.98	16.70	0.16	1.4	0.041	2.73	20.0	18.0	0.70	630	3.05	2.08	8.4	2.6	590
M359577		2.97	16.65	0.17	1.4	0.063	2.75	19.9	13.4	0.67	715	1.89	1.96	8.4	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209428

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359542		216	165.0	<0.002	1.13	26.5	10.4	1	2.8	122.0	0.60	0.15	11.9	0.225	2.85	4.9
M359543		3400	161.5	<0.002	2.35	121.5	8.0	1	2.7	108.5	0.43	0.08	9.0	0.157	2.51	4.9
M359544		6.3	1.7	<0.002	0.01	0.23	0.3	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M359545		29.7	134.0	<0.002	0.34	12.70	10.0	1	2.2	145.0	0.64	<0.05	11.8	0.229	3.47	4.9
M359546		14.2	126.5	<0.002	0.11	8.88	12.0	1	2.3	222	0.64	<0.05	12.3	0.258	1.93	3.5
M359547		231	133.0	<0.002	0.47	14.55	11.6	1	2.2	174.5	0.64	<0.05	11.1	0.235	2.61	4.7
M359548		16.7	122.0	<0.002	0.10	7.34	11.2	1	2.3	268	0.64	<0.05	10.1	0.255	1.72	3.1
M359549		15.1	105.0	<0.002	0.05	3.91	9.4	1	2.0	350	0.64	<0.05	9.8	0.233	1.37	3.4
M359550		15.2	113.5	<0.002	0.11	4.07	10.0	1	1.9	303	0.57	0.17	10.1	0.239	1.68	3.1
M359551		15.2	113.0	<0.002	0.05	3.91	10.5	1	1.9	348	0.64	0.11	11.0	0.236	1.29	3.2
M359552		15.4	108.5	<0.002	0.06	4.10	9.5	1	2.0	370	0.63	0.06	10.4	0.232	1.25	3.0
M359553		14.4	119.0	<0.002	0.15	6.78	10.0	1	1.8	293	0.60	0.09	10.3	0.236	1.87	2.9
M359554		22.0	132.5	<0.002	0.96	18.20	10.9	1	2.2	203	0.61	0.06	11.6	0.230	2.83	4.4
M359555		17.8	151.5	<0.002	0.58	15.30	11.7	1	2.2	204	0.60	0.06	11.4	0.247	2.86	3.6
M359556		25.9	93.5	<0.002	0.02	7.61	8.4	1	1.3	578	0.73	<0.05	8.9	0.278	1.68	5.7
M359557		16.7	98.8	<0.002	0.02	7.07	8.1	1	1.3	503	0.74	<0.05	8.4	0.279	2.00	4.9
M359558		2730	175.0	<0.002	4.57	90.9	7.7	<1	7.6	90.8	0.45	0.36	11.4	0.173	2.23	5.1
M359559		25.0	160.0	<0.002	1.42	11.95	8.9	<1	2.0	190.0	0.56	<0.05	12.6	0.230	3.14	3.3
M359560		15.2	126.5	<0.002	0.12	3.50	9.1	<1	2.0	327	0.61	0.06	12.9	0.242	1.52	3.7
M359561		69.3	161.0	0.002	6.87	19.15	8.1	1	1.9	66.8	0.42	1.50	10.9	0.162	2.36	4.4
M359562		12.0	151.5	0.003	0.68	13.05	8.9	<1	1.8	160.0	0.64	0.06	12.2	0.233	2.43	4.6
M359563		2.8	1.2	<0.002	<0.01	0.09	0.1	<1	0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M359564		14.8	114.0	<0.002	0.22	2.06	9.0	<1	1.8	354	0.62	0.08	12.0	0.238	1.28	3.5
M359565		2870	173.0	0.002	4.76	94.4	7.8	<1	7.7	89.2	0.46	0.40	11.2	0.179	2.27	5.0
M359566		15.5	123.0	0.004	0.11	15.15	11.4	1	2.0	177.5	0.66	0.05	13.7	0.241	1.27	3.4
M359567		28.5	112.5	<0.002	0.05	10.55	10.0	1	1.8	207	0.70	<0.05	11.1	0.232	1.43	3.8
M359568		171.0	194.0	0.003	1.40	43.9	10.4	1	1.8	125.0	0.56	0.20	12.9	0.227	2.70	4.7
M359569		90.1	177.0	0.002	1.31	34.1	9.9	1	1.9	153.5	0.52	0.08	12.8	0.195	2.73	5.0
M359570		14.1	128.0	0.003	0.09	7.22	10.3	1	2.0	299	0.62	<0.05	10.9	0.230	1.45	3.4
M359571		17.2	114.0	0.004	0.08	3.48	9.6	1	1.9	315	0.61	<0.05	10.1	0.226	1.52	3.5
M359572		17.1	116.0	0.005	0.09	3.49	9.5	<1	1.9	314	0.59	<0.05	10.2	0.222	1.47	3.4
M359573		24.3	178.5	0.003	0.53	12.20	9.9	<1	2.1	143.5	0.60	<0.05	12.2	0.217	2.96	4.7
M359574		17.9	114.0	0.003	0.05	4.42	9.9	1	2.2	314	0.69	<0.05	10.9	0.249	1.73	3.7
M359575		291	131.5	0.003	0.47	17.25	12.4	<1	2.6	172.0	0.62	0.10	11.4	0.251	2.11	3.9
M359576		17.1	112.0	0.003	0.05	2.76	10.9	2	2.2	359	0.67	<0.05	11.2	0.251	1.29	3.8
M359577		16.4	123.0	0.005	0.06	2.97	11.2	<1	2.2	340	0.64	<0.05	11.2	0.250	1.32	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209428

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359542		64	3.5	12.1	417	37.4	3
M359543		44	4.0	11.0	4410	24.1	42
M359544		3	0.1	0.9	22	<0.5	<1
M359545		65	12.2	13.9	46	33.7	<1
M359546		74	3.1	16.6	45	37.3	<1
M359547		69	4.5	16.8	190	35.4	1
M359548		72	4.6	16.2	47	31.3	<1
M359549		65	3.7	15.0	43	31.9	<1
M359550		66	3.8	13.7	44	31.4	<1
M359551		65	2.1	16.4	42	34.4	<1
M359552		64	1.8	16.6	42	33.5	<1
M359553		66	2.0	15.0	46	33.2	<1
M359554		65	4.4	15.2	64	32.6	<1
M359555		73	4.1	15.3	63	35.4	<1
M359556		68	1.6	14.5	73	117.5	<1
M359557		69	1.5	14.5	68	123.5	<1
M359558		56	4.9	10.0	5270	21.7	25
M359559		63	4.1	12.8	59	25.9	<1
M359560		67	1.6	14.5	50	27.3	<1
M359561		64	6.7	9.8	207	19.8	3
M359562		67	2.0	13.9	42	26.6	<1
M359563		2	0.1	0.7	15	<0.5	<1
M359564		66	1.5	14.6	46	24.3	<1
M359565		58	4.8	10.1	5510	20.8	25
M359566		65	2.8	15.6	49	29.1	<1
M359567		65	1.9	14.0	46	31.2	<1
M359568		63	2.8	12.2	262	27.7	12
M359569		54	3.5	14.0	126	24.1	1
M359570		64	1.6	13.5	46	27.3	<1
M359571		63	1.4	12.9	51	27.4	<1
M359572		61	1.4	13.1	50	28.7	<1
M359573		60	2.2	13.1	104	27.3	<1
M359574		70	1.8	13.7	53	28.9	<1
M359575		74	3.8	14.1	261	26.4	1
M359576		71	1.2	15.3	46	30.8	<1
M359577		69	1.3	15.2	50	31.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209428

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12209429

Project: Klaza-123

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

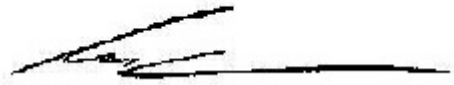
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12209429

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358594		9.09	0.010	0.45	7.44	18.7	2150	1.96	0.72	2.59	1.41	35.2	4.9	19	9.29	22.6
M358595		11.07	0.012	0.49	7.03	26.5	1460	1.90	0.44	3.15	2.62	33.0	4.0	18	9.46	2.7
M358596		3.72	0.007	0.41	6.74	16.8	2040	1.87	0.81	3.28	0.70	31.5	5.2	20	9.92	1.6
M358597		5.03	0.007	0.23	7.08	12.4	1620	1.49	0.71	2.96	0.48	44.7	7.2	9	12.45	9.0
M358598		2.79	0.010	0.18	7.22	10.9	2700	1.23	0.34	3.12	0.14	39.4	9.4	10	11.50	10.5
M358599		3.42	0.011	0.20	6.73	21.9	1770	1.16	0.43	4.50	0.28	44.5	6.2	9	12.20	4.5
M358600		8.86	0.006	0.13	7.36	14.7	2160	1.39	0.18	2.51	0.14	40.4	6.6	11	8.74	10.4
M358601		9.22	0.009	0.18	7.48	9.1	2140	1.32	0.19	3.18	0.16	48.0	6.9	14	8.28	13.2
M358602		<0.02	0.008	0.14	7.28	8.4	2120	1.41	0.18	3.02	0.16	45.5	6.9	12	8.04	11.8
M358603		7.29	0.020	0.28	6.97	18.2	2110	1.30	0.46	2.77	0.35	44.6	13.8	13	11.20	6.0
M358604		5.61	0.006	0.16	7.49	7.0	2140	1.37	0.17	2.74	0.18	46.5	8.0	13	7.35	6.8
M358605		3.95	0.069	1.76	7.06	74.2	1560	1.38	0.84	3.00	23.2	45.7	12.1	10	16.35	8.9
M358606		6.13	0.006	0.12	7.28	5.3	2280	1.37	0.17	2.78	0.32	45.8	7.3	12	7.17	6.5
M358607		1.75	0.006	0.12	7.34	5.7	2250	1.36	0.17	2.72	0.20	47.8	7.1	12	6.95	5.6
M358608		9.54	0.005	0.11	7.58	6.1	2270	1.35	0.27	2.58	0.19	46.3	6.1	12	7.68	4.5
M358609		2.83	0.056	0.21	6.74	34.2	2070	1.28	0.77	2.62	0.11	47.2	12.3	11	9.63	14.0
M358610		3.89	0.012	0.37	7.16	25.5	2030	1.40	1.66	2.15	0.10	49.2	15.5	10	9.83	27.1
M358611		6.81	0.011	0.23	7.53	12.1	2280	1.31	0.39	2.50	0.24	49.0	6.7	12	8.03	34.2
M358612		0.26	2.25	22.8	5.64	3330	500	1.16	18.15	2.16	73.7	41.4	10.3	18	14.25	425
M358613		5.38	0.005	0.20	6.90	11.7	1760	1.39	0.25	2.86	0.18	47.8	5.9	12	8.38	19.5
M358614		4.36	0.005	0.14	7.07	5.6	2060	1.32	0.27	2.55	0.19	43.3	6.8	12	5.77	9.7
M358615		4.06	0.101	1.06	6.60	44.8	1180	1.34	2.34	2.24	2.61	41.5	11.2	11	14.95	89.0
M358616		2.20	<0.005	0.01	0.06	<5	20	<0.05	0.02	21.1	0.06	1.09	1.1	<1	0.19	2.2
M358617		9.22	0.010	0.17	7.55	6.2	2210	1.48	0.49	2.78	0.17	53.0	6.8	14	7.99	14.2
M358618		2.71	0.042	0.57	7.10	14.8	2020	1.38	0.69	2.84	0.99	48.3	7.5	12	7.83	40.0
M358619		5.46	0.106	0.25	7.61	5.5	2320	1.39	0.73	2.67	0.16	48.9	6.9	12	7.13	73.8
M358620		5.84	0.011	0.15	7.46	13.9	1990	1.19	0.54	1.91	0.18	44.4	8.3	9	13.90	16.3
M358621		3.32	0.007	0.14	7.03	9.0	2020	1.30	0.34	2.81	0.14	42.6	6.5	10	11.15	15.5
M358622		0.26	2.43	23.8	5.81	3380	160	1.19	18.15	2.21	75.1	39.2	10.2	19	13.95	435
M358623		4.63	<0.005	0.12	7.02	6.9	1990	1.39	0.19	2.56	0.14	39.0	6.7	10	11.75	8.6
M358624		2.10	0.114	0.52	7.46	34.7	1640	1.49	1.65	2.41	0.61	48.6	7.1	9	17.40	34.0
M358625		2.27	0.015	0.96	6.73	28.1	2130	1.30	0.97	1.81	3.39	49.7	3.6	8	18.10	4.7
M358626		3.22	<0.005	0.05	0.14	<5	40	0.13	0.02	22.0	0.06	1.71	1.4	<1	0.74	1.4
M358627		6.05	<0.005	0.27	6.98	35.3	2360	1.83	0.23	2.72	0.40	68.1	6.7	27	27.3	11.9
M358628		2.46	0.036	0.44	6.59	107.0	1050	1.29	0.37	2.47	0.46	39.1	5.0	7	20.4	6.1
M358629		5.61	0.016	0.20	7.64	12.3	2010	1.31	0.50	1.43	0.16	45.6	6.6	8	17.60	15.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12209429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358594		3.08	19.95	0.17	1.5	0.671	3.12	17.5	67.6	0.29	1390	2.98	0.55	10.9	4.7	670
M358595		2.70	18.20	0.12	1.3	0.780	2.99	16.3	59.4	0.36	1660	1.55	0.34	10.1	3.8	640
M358596		2.68	17.45	0.13	1.5	0.701	3.16	15.7	26.5	0.32	1290	1.92	0.20	9.7	4.6	670
M358597		2.00	17.75	0.18	1.3	0.161	2.44	21.9	32.8	0.27	746	6.92	1.17	8.1	2.5	610
M358598		2.43	18.35	0.19	1.2	0.099	2.57	19.4	25.0	0.69	720	6.31	0.93	9.0	2.9	670
M358599		1.99	16.50	0.21	1.1	0.187	2.73	22.7	18.3	0.61	1140	3.10	1.09	7.7	2.1	600
M358600		2.98	17.50	0.20	1.2	0.060	2.80	20.3	14.0	0.84	584	4.55	2.00	9.0	2.9	640
M358601		2.93	17.35	0.21	1.2	0.075	2.75	24.4	12.3	0.84	696	2.52	2.13	8.5	2.5	630
M358602		2.90	17.35	0.19	1.2	0.078	2.70	22.7	12.3	0.81	671	2.40	2.13	8.5	2.5	610
M358603		3.01	16.65	0.19	1.3	0.068	2.66	22.2	12.2	0.77	637	2.33	2.03	8.3	2.4	590
M358604		3.00	17.10	0.19	1.3	0.051	2.69	23.5	12.4	0.84	553	2.07	2.16	8.5	2.5	600
M358605		3.05	16.30	0.21	1.1	0.221	3.14	24.1	9.9	1.02	1050	2.29	0.57	7.4	2.5	560
M358606		3.11	17.75	0.19	1.3	0.048	2.67	22.6	12.3	0.83	705	2.49	2.29	8.7	2.7	620
M358607		3.01	17.95	0.20	1.2	0.050	2.70	23.6	12.6	0.82	665	2.45	2.27	8.7	2.6	620
M358608		3.29	16.35	0.19	1.2	0.062	2.66	24.4	11.0	0.83	583	2.91	2.18	8.3	2.5	620
M358609		3.79	16.00	0.19	1.1	0.170	2.13	24.7	12.4	0.76	710	2.90	1.84	7.6	3.0	580
M358610		3.57	16.95	0.20	1.2	0.123	2.42	25.4	15.1	0.67	690	2.32	1.76	8.3	3.1	590
M358611		3.28	17.15	0.20	1.3	0.072	2.74	25.9	13.2	0.86	633	2.26	2.15	8.6	2.4	630
M358612		6.32	14.40	0.20	0.9	1.630	2.69	22.5	23.0	0.87	1800	11.85	0.04	6.1	13.5	420
M358613		2.89	16.40	0.19	1.3	0.063	2.38	24.3	15.0	0.76	581	2.52	1.79	8.3	2.3	550
M358614		2.81	16.05	0.19	1.2	0.039	2.70	22.3	9.9	0.75	574	2.65	2.09	8.1	2.2	560
M358615		3.89	17.20	0.19	1.1	0.161	3.06	21.0	29.4	0.74	1020	3.31	0.64	7.6	2.9	570
M358616		0.48	0.29	0.18	<0.1	0.005	0.03	0.5	0.9	12.50	215	0.11	0.01	0.3	2.1	180
M358617		3.06	17.50	0.21	1.3	0.068	2.65	27.3	14.3	0.91	608	3.42	2.24	8.5	2.3	610
M358618		3.01	17.15	0.20	1.2	0.062	2.52	24.7	15.7	0.85	699	6.14	2.07	8.2	2.5	580
M358619		3.02	16.70	0.19	1.4	0.051	2.64	25.5	11.8	0.86	604	3.09	2.31	8.4	2.2	620
M358620		3.04	17.75	0.18	1.3	0.074	2.57	22.4	33.0	0.65	676	2.69	0.41	8.4	2.5	620
M358621		2.80	16.50	0.18	1.3	0.045	2.59	21.3	13.5	0.70	595	3.12	2.08	8.2	2.1	550
M358622		6.52	14.40	0.20	0.9	1.620	2.73	20.9	23.3	0.90	1840	11.80	0.04	6.1	13.6	440
M358623		3.04	16.65	0.17	1.4	0.046	2.68	19.2	14.9	0.72	583	5.93	1.84	8.6	2.3	610
M358624		3.42	19.10	0.20	1.5	0.127	2.62	24.0	19.1	0.76	807	26.6	1.20	8.5	2.9	710
M358625		2.08	15.45	0.17	1.4	0.136	3.06	25.4	10.0	0.66	1360	2.76	0.21	6.8	2.9	520
M358626		0.51	0.49	0.22	<0.1	0.006	0.06	0.9	1.5	13.00	222	0.18	0.01	0.4	2.5	170
M358627		2.12	19.30	0.22	4.1	0.036	2.60	36.8	22.7	1.00	776	1.01	0.07	11.1	13.3	900
M358628		2.31	15.10	0.17	1.3	0.055	2.41	20.3	31.9	0.84	652	2.13	0.05	7.9	2.6	510
M358629		2.76	18.05	0.19	1.7	0.066	2.48	23.6	41.3	0.54	607	0.87	0.11	9.0	2.2	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12209429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358594		52.4	161.5	<0.002	0.25	5.91	7.6	1	1.5	149.0	0.85	0.07	10.2	0.239	2.61	2.3
M358595		147.5	145.0	<0.002	0.52	6.73	6.5	1	1.4	129.5	0.78	0.06	9.2	0.219	2.68	2.8
M358596		27.9	143.0	<0.002	0.33	7.36	6.8	1	1.3	143.5	0.71	0.06	8.8	0.218	2.64	3.3
M358597		20.8	112.0	<0.002	0.09	5.84	10.2	1	1.5	252	0.64	<0.05	12.1	0.239	1.68	2.0
M358598		20.6	93.7	0.007	0.09	5.48	11.4	1	1.6	221	0.61	<0.05	10.3	0.278	1.41	1.7
M358599		18.7	121.0	0.002	0.27	4.64	10.6	1	1.4	254	0.56	0.07	10.9	0.239	1.71	2.5
M358600		18.9	104.5	0.011	0.07	2.99	10.8	1	1.3	374	0.65	<0.05	11.3	0.275	1.21	2.5
M358601		20.5	105.0	<0.002	0.07	3.09	11.3	1	1.3	397	0.65	<0.05	14.2	0.269	1.22	3.9
M358602		20.3	103.0	<0.002	0.07	2.93	11.2	1	1.3	392	0.65	<0.05	13.3	0.259	1.21	3.7
M358603		24.5	105.5	<0.002	0.33	2.73	10.6	1	1.4	355	0.64	0.18	12.8	0.252	1.31	4.3
M358604		19.9	105.0	<0.002	0.07	1.81	11.2	1	1.4	393	0.65	<0.05	14.3	0.254	1.14	3.8
M358605		205	154.0	<0.002	1.32	4.97	11.0	1	1.7	138.5	0.58	0.13	14.2	0.226	2.30	6.0
M358606		18.9	90.9	<0.002	0.08	1.74	11.6	1	1.1	413	0.65	<0.05	12.2	0.265	1.00	3.1
M358607		18.5	96.5	<0.002	0.07	1.74	11.4	1	1.2	411	0.63	<0.05	12.4	0.264	1.01	3.0
M358608		17.3	111.0	<0.002	0.14	2.67	10.9	1	1.5	384	0.61	0.05	13.5	0.259	1.18	3.1
M358609		12.6	103.5	<0.002	0.90	2.82	10.8	1	2.7	294	0.56	0.15	12.4	0.223	1.32	3.3
M358610		14.0	111.0	<0.002	0.50	4.31	12.0	1	2.0	277	0.63	0.11	13.6	0.247	1.37	3.0
M358611		16.6	113.5	<0.002	0.20	2.42	11.6	1	1.7	373	0.67	0.10	15.3	0.255	1.22	4.2
M358612		2640	163.0	<0.002	4.56	81.6	7.9	1	7.2	89.6	0.45	0.37	10.9	0.176	2.27	5.2
M358613		19.1	98.5	<0.002	0.11	2.83	11.2	1	1.6	333	0.66	<0.05	14.1	0.241	1.03	3.0
M358614		17.7	100.5	<0.002	0.06	1.50	10.1	1	1.3	371	0.63	<0.05	13.0	0.247	1.00	3.4
M358615		63.7	150.5	<0.002	1.77	5.22	10.7	2	2.4	165.5	0.58	0.56	12.1	0.228	2.05	5.1
M358616		1.3	1.8	<0.002	<0.01	0.14	0.3	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358617		18.7	109.0	<0.002	0.16	1.65	11.8	1	1.4	397	0.66	0.09	14.7	0.262	1.03	4.0
M358618		44.8	101.0	<0.002	0.32	1.77	10.8	1	1.7	376	0.63	0.07	13.3	0.246	1.03	4.1
M358619		18.7	103.0	<0.002	0.28	1.39	10.7	1	1.7	404	0.66	0.09	14.5	0.258	0.90	4.4
M358620		15.5	96.3	<0.002	0.33	9.56	10.7	1	1.7	134.5	0.63	0.07	12.6	0.260	1.15	3.4
M358621		16.9	94.2	<0.002	0.12	2.33	10.0	1	1.3	381	0.65	0.05	12.6	0.248	0.98	3.7
M358622		2740	163.5	<0.002	4.71	82.0	7.6	1	7.2	90.3	0.45	0.34	10.5	0.182	2.30	5.2
M358623		16.2	97.0	0.002	0.06	3.17	10.2	1	1.5	339	0.72	<0.05	11.4	0.260	1.05	3.2
M358624		39.7	118.5	0.006	0.63	8.11	12.3	1	2.1	211	0.65	0.27	13.4	0.263	1.59	4.4
M358625		266	190.5	<0.002	0.52	6.39	9.9	1	2.0	101.0	0.54	0.19	14.6	0.194	2.62	3.8
M358626		4.6	4.0	<0.002	<0.01	0.09	0.3	1	<0.2	45.6	<0.05	<0.05	<0.2	0.005	0.02	0.6
M358627		44.3	104.5	<0.002	0.19	11.60	5.9	1	1.6	154.0	0.76	<0.05	12.5	0.261	1.88	6.4
M358628		30.9	80.0	0.003	0.47	8.21	8.0	1	1.6	113.5	0.59	0.12	12.0	0.211	1.57	5.6
M358629		21.0	100.0	<0.002	0.36	6.20	10.5	1	2.4	108.0	0.72	0.08	15.7	0.251	1.32	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12209429

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358594		67	2.3	11.5	171	47.3	<1
M358595		58	1.7	10.2	239	40.6	<1
M358596		62	1.8	10.3	125	45.2	<1
M358597		70	2.6	14.1	92	34.3	<1
M358598		78	3.7	15.6	64	33.7	<1
M358599		70	2.9	17.4	63	28.8	<1
M358600		77	2.8	13.8	54	32.3	<1
M358601		77	2.6	17.3	56	33.4	1
M358602		74	2.6	16.6	54	32.5	<1
M358603		73	2.1	15.7	64	33.8	<1
M358604		71	2.5	16.5	50	34.9	<1
M358605		69	2.5	14.6	1910	31.1	2
M358606		78	2.3	16.4	66	34.8	<1
M358607		76	2.1	16.7	55	34.3	<1
M358608		72	3.7	16.4	49	32.5	<1
M358609		65	1.8	16.2	44	30.9	<1
M358610		73	2.0	16.2	48	32.6	<1
M358611		74	1.7	17.9	48	33.5	<1
M358612		56	5.0	9.7	5140	25.8	25
M358613		67	2.5	16.3	44	33.3	<1
M358614		69	2.8	15.7	45	33.3	<1
M358615		67	2.9	13.9	222	31.7	1
M358616		3	0.1	0.8	14	<0.5	<1
M358617		74	2.6	18.3	48	35.7	<1
M358618		71	3.7	16.9	105	31.8	<1
M358619		72	3.0	16.7	49	38.2	<1
M358620		73	3.6	15.6	50	36.9	<1
M358621		69	2.4	15.1	43	36.3	<1
M358622		57	4.9	9.7	5270	26.4	25
M358623		75	2.2	15.0	45	37.1	<1
M358624		85	2.5	16.3	83	42.5	1
M358625		64	3.7	11.9	320	38.3	1
M358626		4	0.2	1.1	14	<0.5	<1
M358627		50	1.5	13.3	91	152.5	<1
M358628		56	2.9	12.4	76	38.8	<1
M358629		69	3.0	14.4	48	48.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12209429

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12209620

Project: Klaza-122

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

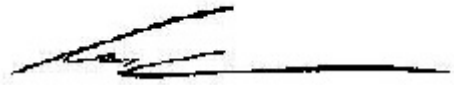
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209620

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359506		3.49	<0.005	1.71	6.98	24.7	1910	1.35	3.41	2.04	0.32	47.1	10.9	7	7.97	28.3
M359507		4.93	<0.005	0.14	7.44	15.2	2350	1.52	0.74	2.31	0.12	48.5	10.0	10	7.44	10.7
M359508		3.10	<0.005	0.45	6.70	26.4	1800	1.49	0.59	3.02	0.23	35.7	7.2	8	10.05	32.6
M359509		3.66	<0.005	0.15	7.12	9.8	2020	1.55	0.57	3.27	0.09	43.3	6.0	14	9.80	8.5
M359510		6.14	<0.005	0.14	7.54	18.3	2330	1.57	0.59	2.47	0.10	43.2	8.8	10	11.05	12.7
M359511		<0.02	<0.005	0.16	7.61	17.7	2340	1.68	0.60	2.57	0.09	42.9	7.8	10	10.90	12.3
M359512		3.59	<0.005	0.22	7.18	18.2	2150	1.63	0.60	2.75	0.15	39.9	9.8	8	15.60	30.3
M359513		3.04	0.010	0.47	6.73	32.5	1940	1.52	0.59	2.76	0.20	35.8	7.5	8	16.00	44.9
M359514		3.20	<0.005	0.04	0.08	<5	20	0.06	0.04	19.55	0.06	1.06	0.6	<1	0.22	1.7
M359515		5.30	<0.005	0.08	7.06	6.9	2260	1.42	1.74	2.76	0.12	39.1	6.8	9	11.50	5.9
M359516		8.51	<0.005	0.06	7.70	9.3	2440	1.53	0.45	2.39	0.10	47.5	6.9	12	10.20	5.8
M359517		5.18	<0.005	0.07	7.35	9.3	2230	1.65	0.24	2.87	0.11	41.0	6.8	9	8.89	7.1
M359518		0.26	2.15	24.5	6.01	3260	1220	1.29	19.45	2.19	80.0	42.8	10.7	19	14.45	453
M359519		4.99	<0.005	0.22	7.54	14.6	2300	1.54	0.42	2.50	0.15	48.5	6.5	9	9.31	8.0
M359520		2.34	<0.005	0.28	7.38	17.9	2090	1.49	1.30	2.46	0.14	47.1	6.9	9	10.05	64.8
M359521		6.81	<0.005	0.26	7.37	11.4	2320	1.55	0.72	2.49	0.08	47.7	7.3	10	9.10	79.7
M359522		3.87	0.184	6.42	7.47	1210	1810	1.51	1.41	2.11	10.10	47.4	17.0	7	13.10	51.4
M359523		3.44	<0.005	<0.01	0.07	<5	20	0.06	0.01	21.0	0.10	1.22	1.1	<1	0.13	1.4
M359524		2.28	<0.005	0.36	7.81	52.5	2080	1.56	0.23	2.05	0.34	43.3	7.5	8	19.15	55.6
M359525		4.31	<0.005	0.26	6.56	14.5	2250	1.57	0.17	2.76	0.11	36.4	8.0	8	13.10	82.7
M359526		3.14	<0.005	0.14	6.96	10.4	2330	1.59	0.31	2.64	0.12	45.3	7.5	8	6.88	36.5
M359527		7.25	<0.005	0.19	6.67	12.8	2230	1.51	0.24	2.43	0.10	41.5	7.0	9	7.71	41.8
M359528		3.58	<0.005	0.20	6.78	12.2	2250	1.64	0.27	2.50	0.10	45.3	7.0	9	8.13	44.8
M359529		2.47	<0.005	0.14	6.78	13.8	2260	1.71	0.35	2.77	0.10	39.9	7.3	9	7.30	15.8
M359530		5.20	<0.005	0.15	6.77	8.9	2210	1.61	0.39	2.63	0.12	42.5	6.3	10	8.28	12.4
M359531		3.39	<0.005	0.18	6.63	10.4	2220	1.62	0.31	2.56	0.14	39.0	6.8	10	11.20	7.3
M359532		3.98	<0.005	0.10	7.07	8.5	2210	1.56	0.31	2.63	0.14	49.1	6.7	9	10.65	9.9
M359533		0.26	2.19	25.5	5.18	3090	900	1.44	18.20	2.09	74.2	42.2	10.1	17	12.90	397
M359534		2.41	0.062	2.67	6.26	76.2	1890	1.61	0.41	2.77	2.14	34.1	5.8	8	12.55	24.2
M359535		3.54	<0.005	0.26	6.73	11.9	2150	1.76	0.16	2.45	0.27	42.0	6.1	10	13.00	11.0
M359536		4.19	<0.005	0.23	7.37	16.7	2370	1.31	0.32	1.41	0.15	45.4	8.2	8	11.75	11.6
M359537		2.67	0.049	2.79	6.06	162.5	1870	1.44	0.96	2.13	2.61	35.9	8.4	7	15.60	33.6
M359538		3.11	<0.005	0.19	7.16	14.5	2190	1.36	0.39	1.82	0.14	39.2	6.7	8	15.50	5.5
M359539		2.73	0.087	2.50	6.37	169.5	1070	1.87	2.05	2.12	0.15	50.3	23.3	6	20.7	8.0
M359540		2.54	<0.005	0.13	6.61	11.2	1950	1.56	0.20	2.26	0.16	38.2	4.5	8	17.50	3.6
M359541		2.79	0.011	0.42	6.46	40.3	1380	1.80	0.28	2.01	0.80	33.3	6.0	8	19.75	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209620

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359506		2.71	14.15	0.16	1.2	0.059	2.60	22.8	13.9	0.71	648	1.81	1.54	7.4	3.1	530
M359507		3.00	14.65	0.14	1.4	0.049	2.68	23.5	12.0	0.83	565	11.65	2.25	8.1	2.7	570
M359508		3.20	14.65	0.14	1.3	0.049	2.55	16.7	13.8	0.88	934	5.31	1.59	7.9	2.6	570
M359509		2.95	15.60	0.14	1.3	0.059	2.48	19.4	14.0	0.80	1080	2.46	1.82	8.0	2.6	590
M359510		3.04	15.90	0.14	1.3	0.047	2.52	21.0	16.0	0.79	551	21.9	2.15	8.5	2.6	620
M359511		3.05	15.15	0.14	1.3	0.046	2.53	21.1	15.5	0.81	564	16.35	2.17	8.4	2.5	620
M359512		2.91	14.70	0.14	1.2	0.046	2.46	19.2	14.1	0.63	530	17.10	2.08	7.8	2.5	590
M359513		2.75	14.65	0.13	1.2	0.045	2.54	17.3	16.8	0.61	682	23.0	1.53	7.6	2.6	560
M359514		0.45	0.22	0.08	<0.1	0.005	0.03	0.5	0.9	12.70	207	0.16	0.01	0.2	1.5	190
M359515		2.86	14.95	0.14	1.3	0.040	2.55	17.8	19.2	0.78	531	5.66	2.23	7.7	2.4	570
M359516		2.94	15.40	0.16	1.5	0.039	2.62	23.1	16.2	0.91	528	7.76	2.38	8.2	3.0	590
M359517		3.10	15.65	0.14	1.4	0.056	2.56	18.8	17.3	0.81	610	3.51	2.35	8.4	2.5	610
M359518		6.44	13.25	0.16	1.0	1.605	2.61	24.0	22.8	0.90	1860	12.95	0.04	6.0	15.4	430
M359519		2.88	15.60	0.18	1.6	0.055	2.63	24.7	18.0	0.83	552	1.65	2.29	8.4	2.6	550
M359520		2.68	15.15	0.14	1.3	0.060	2.73	24.2	15.3	0.71	587	3.32	2.10	7.8	2.4	560
M359521		2.82	14.95	0.14	1.5	0.048	2.67	22.8	12.8	0.79	614	2.17	2.19	8.2	2.6	570
M359522		3.65	16.55	0.16	1.6	0.157	3.39	24.7	22.2	0.69	2330	2.49	0.13	7.6	2.7	580
M359523		0.44	0.24	0.08	<0.1	<0.005	0.02	0.6	1.0	12.50	199	0.08	0.01	0.3	3.0	270
M359524		2.81	17.15	0.16	1.6	0.041	3.17	21.4	17.3	0.46	1060	1.30	1.02	8.2	2.4	630
M359525		2.74	15.20	0.14	1.3	0.048	2.47	16.9	16.2	0.63	547	1.57	1.99	7.4	2.5	560
M359526		2.97	16.10	0.14	1.4	0.046	2.41	20.1	15.3	0.95	600	1.34	2.37	7.8	2.4	670
M359527		2.64	15.00	0.17	1.3	0.041	2.48	19.1	17.0	0.78	510	1.52	2.19	7.2	2.5	540
M359528		2.65	15.50	0.14	1.4	0.045	2.59	20.7	17.2	0.80	531	1.70	2.20	7.4	2.3	550
M359529		2.72	16.00	0.14	1.2	0.041	2.56	18.2	15.6	0.75	626	4.45	2.19	7.4	2.5	550
M359530		2.62	15.15	0.14	1.1	0.054	2.59	18.9	13.6	0.71	605	4.41	2.20	7.3	2.1	550
M359531		2.86	15.65	0.15	1.3	0.046	2.61	17.5	15.3	0.66	779	1.86	1.72	7.2	2.5	570
M359532		2.83	15.60	0.17	1.4	0.037	2.67	22.0	13.9	0.79	668	3.55	2.19	7.7	2.7	610
M359533		5.98	13.25	0.15	0.9	1.595	2.37	20.3	22.2	0.85	1760	12.15	0.04	5.4	14.4	410
M359534		2.71	14.40	0.12	1.2	0.071	2.94	15.0	12.3	0.63	1680	2.81	1.30	6.6	2.3	510
M359535		2.55	15.85	0.15	1.3	0.034	2.66	18.9	13.0	0.58	644	5.32	1.95	7.4	2.3	530
M359536		2.79	16.45	0.14	1.3	0.069	2.83	20.9	30.6	0.53	703	2.26	0.32	7.5	2.2	570
M359537		3.23	15.75	0.13	1.2	0.167	3.01	16.1	34.7	0.72	1800	2.04	0.08	6.9	2.5	500
M359538		3.15	16.75	0.16	1.3	0.060	3.14	17.8	29.5	0.64	748	3.43	0.58	8.1	2.3	600
M359539		4.44	16.85	0.17	1.2	0.106	2.62	24.6	19.7	0.71	1220	2.23	0.99	7.1	4.4	520
M359540		2.61	15.75	0.16	1.7	0.041	2.82	17.3	51.9	0.53	514	3.90	1.58	8.0	2.0	550
M359541		2.65	16.15	0.12	1.3	0.053	3.35	14.7	34.6	0.63	1200	3.31	0.08	7.2	2.3	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209620

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359506		16.3	136.5	<0.002	0.14	2.85	10.2	1	2.5	250	0.57	1.66	14.2	0.222	1.49	3.3
M359507		15.1	118.0	<0.002	0.06	1.96	10.7	1	2.7	419	0.66	0.07	14.0	0.249	1.37	4.0
M359508		19.5	98.9	<0.002	0.20	3.87	10.0	1	3.0	322	0.58	<0.05	9.5	0.249	1.69	3.9
M359509		15.3	109.0	<0.002	0.03	2.43	11.0	1	3.0	374	0.59	<0.05	10.6	0.252	1.49	3.1
M359510		14.9	109.0	0.002	0.10	2.27	11.4	1	3.4	385	0.64	<0.05	11.3	0.273	1.53	3.5
M359511		14.7	109.5	<0.002	0.10	2.25	11.7	1	3.3	389	0.65	<0.05	11.6	0.278	1.51	3.7
M359512		16.7	107.0	0.004	0.21	1.88	10.4	1	3.3	397	0.59	0.05	11.5	0.263	1.54	3.4
M359513		15.7	102.5	0.003	0.18	5.06	9.8	1	3.3	305	0.60	<0.05	9.8	0.244	1.67	3.2
M359514		1.5	1.6	<0.002	<0.01	<0.05	0.2	<1	0.2	40.2	<0.05	<0.05	0.2	<0.005	0.02	0.4
M359515		15.7	94.3	<0.002	0.01	1.35	10.2	1	2.9	412	0.59	<0.05	11.7	0.256	1.35	3.5
M359516		16.1	105.0	0.003	0.01	1.05	11.2	1	2.5	463	0.63	<0.05	14.0	0.256	1.21	4.0
M359517		14.9	102.5	<0.002	0.01	2.10	11.0	<1	2.7	412	0.63	<0.05	11.2	0.272	1.26	3.5
M359518		2740	164.5	0.002	4.65	87.9	8.4	1	7.4	88.7	0.48	0.36	12.1	0.182	2.39	5.7
M359519		18.3	115.0	0.003	0.02	1.57	11.0	1	2.5	421	0.70	<0.05	14.3	0.249	1.19	4.7
M359520		20.5	123.5	<0.002	0.06	2.33	10.7	1	2.7	352	0.59	0.05	13.8	0.245	1.55	4.1
M359521		16.4	113.0	<0.002	0.03	1.77	10.6	1	2.6	378	0.64	<0.05	13.4	0.253	1.37	4.0
M359522		748	163.5	<0.002	1.47	28.5	10.7	1	3.1	98.1	0.74	0.18	12.1	0.238	2.50	5.3
M359523		1.7	1.1	<0.002	<0.01	<0.05	0.2	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M359524		28.5	127.5	<0.002	0.12	17.80	10.7	1	2.9	215	0.73	<0.05	11.3	0.263	1.77	3.3
M359525		16.2	93.7	0.002	0.04	5.73	9.6	1	2.6	346	0.56	0.05	10.5	0.245	1.30	3.5
M359526		16.5	84.8	0.002	0.02	1.47	11.8	<1	2.8	434	0.59	<0.05	11.6	0.281	1.08	4.1
M359527		15.9	89.6	<0.002	0.04	1.50	9.9	<1	2.4	381	0.61	<0.05	11.8	0.240	1.16	4.0
M359528		16.4	97.0	0.002	0.04	1.45	10.3	1	2.4	385	0.59	<0.05	12.8	0.250	1.17	3.9
M359529		16.2	88.0	0.003	0.04	1.32	9.9	<1	2.1	367	0.60	<0.05	10.9	0.246	1.12	3.7
M359530		17.3	90.4	0.003	0.02	2.17	10.0	1	1.9	361	0.59	<0.05	12.1	0.248	1.09	4.0
M359531		19.8	90.3	0.002	0.04	4.23	9.9	1	1.9	302	0.57	<0.05	11.1	0.252	1.16	3.4
M359532		18.3	99.7	0.002	0.01	2.02	10.7	<1	2.2	370	0.62	<0.05	12.7	0.263	1.13	3.9
M359533		2630	151.0	0.003	4.31	90.3	8.2	1	7.4	86.4	0.41	0.35	10.6	0.167	2.23	5.1
M359534		187.5	102.5	<0.002	0.40	7.33	8.9	<1	2.0	251	0.54	<0.05	10.5	0.229	1.60	3.5
M359535		26.9	96.5	0.004	0.04	3.12	9.9	1	1.9	326	0.56	<0.05	11.9	0.237	1.21	3.3
M359536		15.9	107.5	0.002	0.10	13.55	11.2	1	2.0	120.0	0.57	0.07	12.3	0.256	1.42	4.2
M359537		109.5	130.5	0.002	0.96	22.5	10.1	1	2.3	115.5	0.52	0.24	9.7	0.226	2.73	5.3
M359538		14.8	116.5	0.002	0.13	9.50	11.6	1	2.5	162.5	0.63	0.09	10.7	0.278	1.63	3.1
M359539		17.9	131.5	0.002	1.95	13.20	9.2	1	3.2	164.0	0.59	0.39	11.1	0.227	2.99	4.8
M359540		15.2	114.5	0.003	0.03	5.28	10.5	1	2.3	320	0.68	<0.05	11.3	0.247	1.50	3.0
M359541		34.3	129.0	0.002	0.53	12.95	9.7	<1	2.5	153.0	0.57	0.06	10.2	0.242	3.22	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209620

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359506		58	3.7	13.7	64	29.7	2
M359507		66	10.0	16.6	45	33.3	<1
M359508		67	2.9	13.4	55	30.4	<1
M359509		67	2.5	16.4	43	31.1	<1
M359510		71	6.3	15.9	45	28.2	<1
M359511		74	7.4	15.5	46	29.8	<1
M359512		69	3.0	14.4	47	25.7	<1
M359513		65	3.2	13.6	49	25.4	<1
M359514		2	0.1	0.8	15	<0.5	<1
M359515		68	3.6	14.7	42	28.4	<1
M359516		68	3.2	16.7	41	34.7	<1
M359517		73	2.2	15.6	44	31.8	<1
M359518		55	5.0	10.0	5350	22.0	25
M359519		65	1.6	17.0	43	33.2	<1
M359520		65	2.4	15.9	46	30.8	<1
M359521		67	1.5	16.1	41	33.9	<1
M359522		69	4.4	15.3	1080	39.0	6
M359523		2	0.1	0.9	17	<0.5	<1
M359524		75	2.7	15.8	71	39.1	<1
M359525		66	1.3	13.2	40	30.6	<1
M359526		77	1.0	16.1	44	32.7	<1
M359527		64	1.2	13.8	37	30.3	<1
M359528		66	1.3	14.6	39	33.4	<1
M359529		65	1.3	13.6	40	29.2	<1
M359530		67	1.9	13.9	42	28.1	<1
M359531		69	2.1	13.2	53	33.1	<1
M359532		71	1.3	15.8	50	34.4	<1
M359533		53	4.7	8.6	5090	22.8	25
M359534		62	2.0	11.7	290	29.8	3
M359535		63	1.6	13.3	59	32.7	<1
M359536		68	4.4	13.8	46	34.0	<1
M359537		64	3.7	12.5	235	30.0	3
M359538		77	3.3	13.9	56	32.8	<1
M359539		68	4.0	16.4	51	30.2	2
M359540		66	2.2	13.3	45	41.2	<1
M359541		68	3.5	10.4	109	32.6	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12209620

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12209621

Project: Klaza-124

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

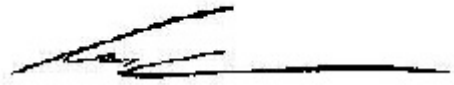
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12209621

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357268		3.23	0.006	0.33	6.78	14.1	1630	1.17	0.26	2.38	0.53	39.3	8.4	8	14.75	48.3
M357269		2.51	0.076	2.79	6.86	167.5	1870	1.44	1.01	2.77	3.63	40.1	8.4	7	21.6	115.5
M357270		6.53	<0.005	0.16	7.55	10.8	2070	1.43	0.19	2.68	0.16	50.5	12.7	11	9.66	14.1
M357271		3.74	<0.005	0.24	6.51	14.6	910	1.69	0.22	1.31	0.13	43.2	3.1	9	5.07	43.9
M357272		8.09	<0.005	0.11	7.40	10.7	2150	1.40	0.22	2.58	0.21	44.9	7.5	11	8.20	21.4
M357273		<0.02	<0.005	0.12	7.62	11.1	2170	1.43	0.21	2.62	0.22	48.2	7.4	10	8.68	20.5
M357274		8.53	<0.005	0.19	7.29	13.6	2050	1.48	0.22	2.26	0.15	52.6	7.3	13	6.09	15.3
M357275		8.72	<0.005	0.11	7.33	14.8	2080	1.44	0.21	2.23	0.12	47.1	8.5	13	6.37	13.3
M357276		4.27	<0.005	0.26	7.26	13.0	2110	1.36	0.28	2.42	0.10	45.7	10.7	12	7.59	16.8
M357277		2.62	0.026	0.96	7.14	24.6	1840	1.36	0.58	2.70	3.39	41.3	8.9	10	9.81	29.2
M357278		8.12	<0.005	0.09	7.47	10.1	2020	1.47	0.17	2.29	0.14	50.8	6.9	10	5.69	9.1
M357279		0.26	0.769	9.95	6.49	1790	890	1.44	6.09	1.89	40.2	47.1	16.4	19	15.90	112.0
M357280		5.21	<0.005	0.18	6.88	12.4	2060	1.76	0.17	2.52	0.17	41.1	8.2	11	9.75	20.1
M357281		2.37	0.024	0.95	7.20	57.9	1300	1.38	0.28	2.92	0.72	46.0	7.4	9	15.35	37.2
M357282		2.09	<0.005	0.16	6.91	9.9	1790	1.43	0.29	2.92	0.16	40.7	6.4	9	18.20	29.9
M357283		2.88	<0.005	0.31	7.63	13.9	1240	1.38	0.33	2.47	0.28	43.3	6.7	9	17.75	32.5
M357284		2.98	<0.005	0.01	0.08	<5	20	<0.05	0.02	20.2	0.06	1.35	1.0	<1	0.23	1.9
M357285		4.74	<0.005	0.85	7.15	7.7	1880	1.37	0.19	2.82	0.14	45.7	6.4	10	18.55	20.0
M357286		8.71	<0.005	0.59	7.15	9.3	1940	1.40	0.18	2.72	0.65	42.2	6.5	11	14.40	16.4
M357287		7.01	<0.005	0.21	7.13	9.2	2620	1.41	0.25	2.93	0.14	44.2	6.0	10	10.45	6.8
M357288		7.21	<0.005	0.15	7.04	10.4	2250	1.46	0.30	2.37	0.13	45.3	5.5	9	11.15	6.8
M357289		7.28	<0.005	0.12	7.27	10.1	2070	1.35	0.38	2.15	0.10	47.6	6.9	10	9.20	5.3
M357290		0.26	2.20	25.6	5.79	3320	800	1.23	19.15	2.13	76.3	44.1	10.2	20	13.90	428
M357291		2.48	<0.005	0.15	7.43	12.3	1890	1.53	0.31	1.81	0.18	50.1	5.1	9	15.90	5.2
M357292		2.74	<0.005	0.21	7.25	21.2	1960	1.62	0.30	2.49	0.21	45.5	6.6	13	12.70	8.9
M357293		3.19	0.011	0.86	7.40	55.6	1560	1.74	0.39	2.04	3.13	47.7	3.9	8	14.00	21.7
M357294		2.33	0.116	18.45	6.10	167.5	850	1.53	0.84	1.75	7.45	43.0	4.6	7	16.70	52.5
M357295		3.26	<0.005	0.04	0.07	<5	30	0.05	0.02	20.4	0.05	1.22	1.0	<1	0.32	1.8
M357296		2.55	0.009	0.41	6.99	37.4	1890	1.31	0.25	2.20	0.59	43.2	6.3	8	17.00	8.6
M357297		4.03	<0.005	0.35	7.34	12.0	2470	1.40	0.63	2.47	0.14	54.3	14.7	9	13.15	3.4
M357298		4.98	<0.005	0.28	7.09	14.0	2210	1.48	0.32	2.51	0.52	43.1	7.1	11	23.4	10.6
M357299		2.19	<0.005	0.17	6.88	9.0	2210	1.96	0.45	2.43	0.32	38.8	5.5	10	29.6	11.7
M357300		1.11	<0.005	0.12	7.00	8.6	2200	1.77	0.23	2.32	0.30	37.2	5.2	9	26.9	9.7
M357301		3.50	0.046	1.13	6.24	35.2	1770	1.79	0.45	3.44	3.43	41.6	7.2	21	26.2	29.1
M357302		2.66	<0.005	0.11	6.14	13.0	1260	1.65	0.13	2.93	0.36	36.6	5.3	30	25.7	15.4
M357303		6.00	<0.005	0.08	6.54	11.8	830	1.85	0.07	2.86	0.08	44.2	5.7	28	29.1	11.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12209621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357268		2.53	16.60	0.18	1.3	0.040	2.56	19.0	22.3	0.59	535	3.30	1.37	8.5	2.2	580
M357269		2.64	17.10	0.17	1.3	0.256	2.70	19.8	49.6	0.73	1380	1.61	0.20	8.4	3.0	560
M357270		2.90	18.35	0.20	1.4	0.044	2.99	26.1	14.2	0.81	538	1.43	2.41	9.0	2.7	600
M357271		1.11	12.20	0.11	2.7	0.021	3.52	21.3	9.5	0.22	254	3.29	2.57	8.3	1.2	150
M357272		2.89	15.60	0.15	1.3	0.038	2.67	19.7	15.5	0.80	567	1.85	2.61	8.6	2.9	570
M357273		2.88	16.20	0.13	1.4	0.041	2.68	21.4	16.5	0.82	570	1.81	2.63	9.1	2.8	580
M357274		2.73	15.25	0.13	1.2	0.040	2.61	24.2	11.1	0.76	504	1.68	2.56	8.5	2.7	540
M357275		2.82	15.20	0.13	1.3	0.039	2.72	21.1	12.4	0.80	532	1.42	2.76	8.4	2.5	580
M357276		2.76	15.60	0.14	1.3	0.038	2.60	20.4	12.7	0.79	585	1.99	2.74	8.4	2.7	560
M357277		2.88	15.10	0.14	1.2	0.057	2.78	17.7	11.9	0.69	789	1.70	2.14	8.3	2.5	570
M357278		2.78	15.35	0.13	1.3	0.039	2.63	23.2	13.2	0.80	606	2.01	2.56	8.5	2.8	550
M357279		5.17	14.75	0.17	1.3	0.871	2.88	21.5	25.6	0.66	2000	12.95	0.27	8.0	16.1	470
M357280		2.54	18.25	0.14	1.3	0.042	2.66	19.9	17.1	0.70	843	1.89	2.21	9.0	2.6	560
M357281		3.08	15.10	0.15	1.2	0.053	2.84	20.9	32.7	0.79	1670	1.68	0.64	8.0	2.8	560
M357282		2.80	15.55	0.14	1.2	0.036	2.82	17.6	30.1	0.76	707	1.38	1.59	8.3	2.8	560
M357283		3.02	16.50	0.13	1.3	0.055	2.90	19.1	35.2	0.68	918	1.43	0.64	8.9	3.0	600
M357284		0.47	0.23	0.07	<0.1	0.005	0.03	0.6	1.0	12.70	212	0.16	0.01	0.3	2.0	200
M357285		2.82	15.55	0.12	1.3	0.046	2.93	20.1	11.6	0.69	663	1.27	1.84	8.3	2.7	560
M357286		2.83	15.30	0.10	1.3	0.047	2.78	18.1	20.7	0.73	740	1.22	1.85	8.4	2.4	560
M357287		2.97	15.75	0.14	1.3	0.055	2.57	19.5	12.6	0.75	719	1.36	2.53	8.2	2.7	540
M357288		2.87	14.90	0.13	1.2	0.060	2.70	19.7	14.6	0.75	639	1.31	2.45	8.5	2.6	570
M357289		2.97	14.90	0.14	1.4	0.110	2.74	21.1	12.9	0.77	621	1.54	2.80	8.3	2.9	550
M357290		6.60	13.10	0.18	0.9	1.570	2.58	21.0	23.6	0.87	1840	12.95	0.04	6.1	15.4	420
M357291		2.74	15.85	0.12	1.5	0.085	2.77	22.8	22.1	0.65	555	1.92	2.41	8.8	2.5	560
M357292		3.07	15.20	0.14	1.4	0.058	3.02	19.9	15.0	0.74	784	1.81	2.13	8.6	3.1	560
M357293		3.20	16.20	0.13	1.3	0.182	3.14	20.5	27.9	0.58	2020	3.78	1.62	8.3	2.9	570
M357294		2.99	12.35	0.11	1.0	0.147	2.61	20.9	36.5	0.64	2810	6.76	0.03	6.3	4.1	460
M357295		0.50	0.23	0.06	<0.1	0.005	0.03	0.5	1.0	12.90	225	0.08	0.01	0.2	2.3	150
M357296		2.73	15.20	0.10	1.2	0.076	2.92	18.2	47.9	0.68	1280	1.60	1.04	7.9	2.3	590
M357297		3.50	16.15	0.12	1.3	0.134	2.52	24.0	12.0	0.90	828	0.42	2.89	8.4	2.8	620
M357298		2.99	15.70	0.13	1.5	0.104	2.95	18.1	16.3	0.65	900	1.14	2.22	8.5	4.5	610
M357299		2.67	15.95	0.14	1.6	0.057	3.02	16.1	27.0	0.49	601	0.68	2.32	8.6	8.5	580
M357300		2.60	15.00	0.12	1.4	0.043	2.99	15.5	28.7	0.42	531	0.67	2.28	7.9	6.1	570
M357301		2.57	16.35	0.13	3.1	0.057	3.07	18.1	43.1	0.93	866	1.63	1.48	8.6	15.9	550
M357302		2.03	17.40	0.13	4.0	0.024	3.08	15.4	62.3	0.76	498	0.98	1.21	9.1	19.4	620
M357303		2.10	17.65	0.13	3.9	0.023	2.73	19.1	56.6	0.84	463	1.00	0.38	9.2	20.4	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12209621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357268		26.5	107.0	<0.002	0.15	5.43	9.9	1	1.8	255	0.62	<0.05	10.9	0.239	1.47	3.2
M357269		299	115.5	<0.002	1.00	29.5	10.0	1	2.4	159.0	0.64	<0.05	12.3	0.240	2.55	5.9
M357270		97.8	121.5	<0.002	0.07	2.05	11.3	1	2.0	378	0.69	<0.05	14.0	0.261	1.21	3.8
M357271		24.8	151.0	<0.002	0.03	2.65	3.7	1	0.9	145.5	1.35	<0.05	26.4	0.078	1.14	7.3
M357272		19.0	97.7	<0.002	0.02	1.68	10.3	1	1.9	405	0.71	<0.05	11.7	0.261	0.95	3.8
M357273		19.8	105.5	<0.002	0.02	1.81	10.9	1	2.0	410	0.72	<0.05	12.6	0.266	0.98	4.1
M357274		18.1	108.5	<0.002	0.04	2.09	10.4	1	1.8	399	0.70	<0.05	12.8	0.248	0.93	4.2
M357275		17.0	105.5	<0.002	0.09	2.49	10.2	1	2.0	384	0.69	<0.05	12.0	0.258	0.97	4.0
M357276		17.9	113.0	<0.002	0.17	2.31	10.3	1	1.9	329	0.71	<0.05	12.5	0.248	1.06	3.7
M357277		238	122.0	<0.002	0.35	5.02	10.3	1	2.0	240	0.66	<0.05	11.0	0.253	1.30	3.4
M357278		19.2	111.0	<0.002	0.03	2.32	10.7	1	1.9	393	0.70	<0.05	13.1	0.251	1.00	4.2
M357279		1320	172.0	0.002	3.05	33.6	8.8	1	5.8	150.5	0.66	0.26	11.4	0.215	2.34	5.0
M357280		21.9	101.0	<0.002	0.03	2.23	10.9	1	1.8	363	0.69	<0.05	11.5	0.243	1.22	3.9
M357281		81.7	119.0	<0.002	0.48	18.00	10.1	1	1.8	163.0	0.66	<0.05	12.0	0.251	1.68	4.0
M357282		18.9	104.0	<0.002	0.06	7.83	9.8	1	1.7	265	0.67	<0.05	10.3	0.257	1.43	3.0
M357283		23.2	113.0	<0.002	0.38	16.00	10.5	1	1.9	165.0	0.74	<0.05	11.9	0.278	1.75	3.1
M357284		2.3	1.7	<0.002	<0.01	0.08	0.3	1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357285		20.4	120.0	<0.002	0.22	4.51	10.3	1	1.8	289	0.71	<0.05	12.9	0.254	1.63	4.1
M357286		49.6	100.5	<0.002	0.05	4.64	9.7	1	1.7	297	0.69	<0.05	11.5	0.262	1.19	3.6
M357287		19.9	101.5	<0.002	0.07	2.63	10.0	1	1.8	353	0.68	<0.05	11.2	0.249	1.04	3.5
M357288		20.3	105.5	<0.002	0.08	3.29	10.3	1	1.9	339	0.68	<0.05	11.7	0.262	1.06	3.4
M357289		13.8	110.0	<0.002	0.20	2.55	9.9	1	1.8	297	0.74	<0.05	11.8	0.249	1.07	3.8
M357290		2770	165.0	0.002	4.73	89.2	7.8	1	7.6	90.0	0.49	0.36	9.8	0.182	2.12	4.9
M357291		17.8	117.5	<0.002	0.04	6.59	10.3	1	1.7	287	0.75	<0.05	12.7	0.253	1.23	4.5
M357292		21.4	119.5	<0.002	0.22	5.21	10.1	1	1.8	320	0.74	<0.05	11.4	0.260	1.50	4.0
M357293		177.5	143.0	<0.002	0.51	10.65	10.4	1	2.6	232	0.70	<0.05	10.7	0.257	1.85	9.3
M357294		4690	157.0	<0.002	2.02	54.3	8.4	1	2.1	136.0	0.50	<0.05	10.1	0.208	2.36	44.7
M357295		3.9	2.2	<0.002	<0.01	0.09	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M357296		43.1	121.0	<0.002	0.35	12.35	9.8	1	2.4	263	0.62	<0.05	10.6	0.263	1.65	3.5
M357297		25.0	108.0	<0.002	0.25	4.52	11.0	1	2.5	347	0.67	0.06	11.9	0.268	1.10	4.1
M357298		52.2	121.5	<0.002	0.11	3.76	10.3	1	2.5	387	0.68	<0.05	10.2	0.272	1.27	3.2
M357299		29.3	118.5	<0.002	0.02	2.84	9.7	1	2.8	443	0.72	<0.05	10.2	0.267	1.22	2.2
M357300		26.8	114.5	<0.002	0.01	2.37	9.2	1	2.6	443	0.66	<0.05	9.9	0.261	1.12	1.9
M357301		183.5	110.0	<0.002	0.12	8.37	6.5	1	2.2	475	0.69	<0.05	8.2	0.251	1.43	5.9
M357302		26.2	87.3	<0.002	0.02	8.61	5.0	1	1.5	427	0.74	<0.05	6.9	0.265	1.42	3.2
M357303		18.4	85.6	<0.002	0.02	8.71	5.5	1	1.3	461	0.76	<0.05	8.1	0.265	1.26	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12209621

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357268		66	2.5	14.1	71	37.3	<1
M357269		68	4.2	13.5	446	36.1	3
M357270		74	1.0	17.8	49	38.7	<1
M357271		17	2.3	12.8	18	56.8	<1
M357272		67	1.1	17.1	45	33.1	<1
M357273		68	1.1	18.4	45	33.6	<1
M357274		66	1.0	17.5	41	29.3	<1
M357275		67	1.2	17.0	45	30.2	<1
M357276		63	1.5	16.9	49	30.6	<1
M357277		67	1.9	15.2	480	29.4	1
M357278		66	1.5	17.7	44	30.9	<1
M357279		58	5.6	11.6	2960	36.1	10
M357280		66	2.4	16.1	50	36.8	<1
M357281		67	4.8	15.7	128	29.0	1
M357282		65	9.5	14.4	51	30.8	<1
M357283		72	7.0	14.9	67	31.4	<1
M357284		2	0.1	0.9	13	<0.5	<1
M357285		65	3.3	15.6	44	30.5	<1
M357286		68	2.3	15.1	77	31.4	<1
M357287		66	2.0	16.1	46	32.3	<1
M357288		69	2.1	16.3	48	30.0	<1
M357289		65	2.8	16.4	48	33.0	<1
M357290		55	5.4	9.8	5160	22.8	25
M357291		66	1.9	17.6	51	35.9	<1
M357292		66	2.2	16.5	54	33.9	<1
M357293		69	4.6	14.6	367	30.9	1
M357294		55	5.4	12.3	663	25.6	18
M357295		3	0.1	0.8	14	<0.5	<1
M357296		67	2.3	14.1	86	29.9	<1
M357297		73	1.5	17.6	58	31.6	<1
M357298		71	1.4	15.1	88	37.6	<1
M357299		68	1.3	13.4	83	40.8	<1
M357300		66	1.2	13.1	81	34.0	<1
M357301		54	1.5	11.9	253	102.5	1
M357302		51	1.3	9.2	75	140.0	<1
M357303		48	1.4	10.3	55	130.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12209621

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
This copy reported on 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210389

Project: Klaza - 94

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12210389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N812106		0.07	7.31	32.1	1630	1.43	0.07	3.11	0.10	57.2	9.7	32	21.3	23.4	3.23	17.70
N812107		0.18	6.81	15.2	1680	1.27	0.29	2.82	0.15	42.4	7.6	9	16.35	24.8	2.80	15.95
N812108		0.07	7.14	7.7	1380	1.54	0.05	2.82	0.07	39.6	7.7	10	19.20	8.4	3.04	15.55
N812109		0.06	7.40	3.4	2030	1.53	0.04	2.94	0.05	51.6	7.7	11	20.5	6.6	3.07	15.10
N812110		0.06	7.28	3.8	2170	1.39	0.05	2.93	0.07	49.6	7.5	10	18.65	6.1	3.16	15.35
N812111		9.73	6.73	1855	200	1.50	5.76	1.94	45.0	40.7	15.8	19	17.15	105.5	5.38	14.10
N812112		0.10	6.79	4.7	1810	1.30	0.05	2.71	0.12	36.4	7.2	9	20.4	11.0	2.86	14.20
N812113		0.13	7.02	5.6	2120	1.43	0.22	3.42	0.07	42.2	7.7	11	18.20	11.7	2.92	14.70
N812114		0.08	7.05	3.6	1840	1.41	0.05	3.31	0.04	36.1	7.4	12	17.85	11.9	3.14	14.75
N812115		0.05	6.83	2.9	1740	1.40	0.04	3.30	0.05	39.2	7.2	12	18.75	10.1	3.01	14.10
N812116		1.07	7.19	35.8	1150	1.30	0.24	3.80	4.79	43.0	7.1	8	16.10	22.5	3.61	14.55
N812117		0.10	7.10	4.7	2180	1.45	0.10	3.93	0.09	44.1	7.0	9	18.35	11.5	3.11	15.05
N812118		0.01	0.07	<5	20	0.06	0.01	21.6	0.07	1.27	0.9	<1	0.20	2.2	0.46	0.22
N812119		0.18	7.18	12.4	1590	1.71	0.40	3.77	0.15	46.5	7.0	8	15.70	8.4	2.90	14.40
N812120		0.24	7.46	17.6	910	1.66	0.14	1.89	0.56	41.8	7.7	9	20.1	6.7	2.91	15.50
N812121		0.09	7.82	5.9	1890	1.58	0.11	2.46	0.12	44.7	8.7	9	23.5	8.9	3.21	16.00
N812122		10.25	7.22	1940	190	1.49	6.10	2.03	48.2	45.2	16.6	20	18.55	117.0	5.55	15.40
N812123		0.11	7.33	7.4	1950	1.55	0.08	3.11	0.17	45.6	7.8	10	19.40	10.1	2.86	14.70
N812124		0.06	7.35	5.6	2110	1.44	0.08	2.84	0.15	45.8	7.7	10	19.90	7.7	2.99	14.90
N812125		0.06	7.19	4.7	1520	1.51	0.09	2.90	0.18	43.1	7.8	10	17.35	6.1	2.94	14.90
N812126		0.10	7.24	9.3	2140	1.45	0.19	3.03	0.36	47.5	7.6	8	16.10	9.8	2.94	14.75
N812127		0.08	7.61	5.4	1670	1.42	0.09	3.03	0.20	43.4	8.0	9	24.1	6.1	3.14	15.70
N812128		0.05	7.58	4.9	1460	1.45	0.09	2.74	0.19	42.2	8.1	9	23.9	6.2	3.00	15.85
N812129		0.10	7.27	8.2	2530	1.52	0.12	3.34	0.38	47.0	7.8	8	18.40	15.1	2.90	14.65
N812130		0.49	6.52	221	1340	1.42	0.14	3.53	2.55	42.1	7.5	9	16.40	11.9	2.82	12.95
N812131		0.20	7.53	55.7	1080	1.66	0.08	2.72	1.07	43.1	7.7	9	23.5	5.8	2.94	16.15
N812132		0.19	7.08	34.6	2030	1.47	0.07	4.22	1.19	50.6	8.0	9	16.55	15.7	2.98	13.50
N812133		0.09	6.88	4.8	3590	1.59	0.21	5.07	0.17	50.2	7.6	8	16.90	5.3	3.19	14.60
N812134		<0.01	0.08	<5	30	0.05	0.02	22.0	0.06	1.28	0.9	<1	0.20	1.6	0.47	0.21
N812135		0.05	6.82	8.1	1090	1.67	0.12	2.92	0.15	35.8	9.5	8	11.50	3.3	2.81	14.25
N812136		0.31	7.01	201	1130	1.68	0.10	2.47	0.38	43.3	7.7	8	17.05	11.8	2.57	14.05
N812137		0.09	7.23	38.4	1220	1.84	0.13	3.31	0.20	46.6	7.2	9	16.80	10.1	3.00	13.85
N812138		0.04	7.25	3.9	1800	1.70	0.21	3.26	0.11	38.4	7.3	10	20.2	2.0	3.11	15.20
N812139		0.05	7.71	2.7	2060	1.56	0.09	3.01	0.08	45.2	7.6	12	17.65	5.1	3.04	14.85
N812140		0.07	7.23	5.0	1750	1.56	0.06	2.80	0.13	38.8	7.5	10	22.7	6.2	2.90	15.15
N812141		0.15	7.40	11.4	1190	1.73	0.13	2.66	0.30	44.7	7.5	9	18.00	10.4	2.94	14.70

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12210389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N812106		0.21	2.8	0.039	1.78	28.5	161.5	1.03	815	0.93	0.11	9.7	11.4	1230	15.2	66.3
N812107		0.18	1.4	0.040	2.80	21.2	51.0	0.67	1100	0.75	0.15	7.6	2.6	600	19.0	104.0
N812108		0.11	1.3	0.041	2.70	21.9	39.6	0.77	1020	0.83	0.98	8.0	3.2	620	15.5	114.0
N812109		0.11	1.3	0.036	2.71	28.3	12.9	0.71	760	0.81	2.15	8.1	2.8	610	15.6	105.5
N812110		0.11	1.2	0.039	2.61	28.1	42.6	0.80	714	0.99	1.80	8.1	2.9	630	17.8	92.8
N812111		0.12	1.4	1.010	2.87	22.7	23.2	0.71	2040	12.70	0.27	7.9	15.5	500	1390	153.0
N812112		0.10	1.2	0.034	2.48	19.1	66.9	0.69	828	0.69	0.99	7.7	2.7	580	20.2	89.0
N812113		0.11	1.3	0.038	2.70	23.4	45.7	0.88	1120	1.05	0.31	8.2	2.9	600	17.0	98.8
N812114		0.12	1.2	0.038	2.66	19.7	28.4	0.64	798	0.80	1.62	8.0	2.9	600	14.6	100.0
N812115		0.11	1.4	0.036	2.67	20.8	29.4	0.61	800	0.67	1.55	7.8	2.7	580	14.1	102.5
N812116		0.12	1.2	0.090	2.88	23.9	26.5	0.81	2960	0.33	0.20	7.7	2.9	600	164.5	132.0
N812117		0.12	1.2	0.045	2.86	24.3	28.9	0.79	1260	0.47	0.15	7.9	2.6	590	12.7	124.5
N812118		0.05	<0.1	<0.005	0.03	0.7	1.1	12.80	205	0.07	0.01	0.4	2.5	200	1.5	1.4
N812119		0.13	1.2	0.056	3.31	26.8	20.9	0.68	2000	0.24	0.11	7.6	2.5	580	13.5	171.0
N812120		0.11	1.3	0.049	3.04	22.6	71.5	0.68	1680	0.89	0.05	8.4	2.8	620	29.9	137.5
N812121		0.13	1.3	0.047	2.87	23.8	38.6	0.74	940	0.98	1.21	8.6	2.9	660	17.9	112.5
N812122		0.15	1.5	1.060	3.03	25.4	24.6	0.77	2150	13.35	0.28	8.3	16.5	540	1420	167.5
N812123		0.12	1.2	0.041	2.66	24.9	43.8	0.83	997	0.67	0.83	8.3	3.1	630	17.0	107.5
N812124		0.10	1.2	0.042	2.60	25.7	47.2	0.87	966	0.49	0.65	7.9	2.8	610	14.6	113.0
N812125		0.12	1.2	0.050	2.54	22.7	56.1	0.86	993	0.42	0.74	8.5	3.0	620	15.6	99.3
N812126		0.12	1.3	0.040	2.59	26.4	44.7	0.93	1190	0.68	0.05	8.2	2.7	590	13.1	123.5
N812127		0.11	1.5	0.039	2.52	23.7	44.6	0.79	1030	0.61	0.10	8.6	2.7	630	19.8	97.8
N812128		0.11	1.5	0.039	2.53	22.6	38.7	0.77	1010	0.75	0.06	8.9	2.8	620	17.4	105.0
N812129		0.12	1.4	0.039	2.41	26.5	93.0	0.94	1190	0.99	0.04	8.4	2.8	600	15.8	105.0
N812130		0.11	1.1	0.039	2.67	25.4	34.0	0.85	2750	0.86	0.03	7.1	2.6	520	104.5	140.5
N812131		0.11	1.3	0.044	2.96	23.0	74.4	0.69	1700	1.14	0.05	8.4	2.8	660	30.2	137.0
N812132		0.12	1.2	0.041	2.65	29.7	28.6	0.87	1800	2.35	0.04	7.9	3.2	610	53.4	136.5
N812133		0.13	1.2	0.061	2.63	29.7	35.0	1.12	1440	0.40	0.14	7.3	3.1	520	12.8	145.5
N812134		0.05	<0.1	<0.005	0.03	0.7	1.0	13.20	204	0.14	<0.01	0.4	2.5	180	1.3	1.6
N812135		0.12	1.3	0.046	2.68	19.6	44.3	0.72	1100	0.31	0.16	7.9	2.7	560	13.2	114.0
N812136		0.12	1.3	0.041	3.21	25.0	15.5	0.84	1970	0.53	0.03	7.5	2.8	500	75.1	178.5
N812137		0.13	1.4	0.043	2.95	27.2	20.8	1.04	1510	0.69	0.51	7.7	2.7	540	19.9	154.0
N812138		0.12	1.2	0.052	2.50	21.0	8.8	0.67	1020	0.39	2.03	8.1	2.9	600	18.2	100.5
N812139		0.12	1.2	0.040	2.63	24.5	9.2	0.90	771	0.82	1.98	7.8	2.9	620	16.8	108.0
N812140		0.11	1.3	0.044	2.68	20.8	42.0	0.79	831	0.89	1.11	8.5	2.7	620	19.6	105.0
N812141		0.12	1.2	0.038	2.63	25.3	64.0	0.90	1190	0.79	0.06	7.8	2.6	600	37.3	128.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12210389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N812106		<0.002	0.05	12.05	10.4	1	3.0	454	0.68	<0.05	9.7	0.365	0.88	2.5	81	2.7
N812107		<0.002	0.13	12.65	10.0	1	3.1	176.0	0.75	<0.05	13.1	0.240	1.54	4.0	68	2.4
N812108		<0.002	0.04	7.60	11.1	1	1.8	213	0.69	<0.05	9.8	0.275	1.51	4.6	76	1.2
N812109		<0.002	0.01	3.45	10.8	1	1.7	354	0.72	<0.05	11.6	0.279	1.11	3.5	78	1.7
N812110		<0.002	0.01	4.42	10.4	1	1.8	397	0.67	<0.05	12.0	0.282	1.05	3.5	78	1.1
N812111		<0.002	3.12	37.4	8.7	1	6.4	147.0	0.63	0.29	10.8	0.216	2.36	5.0	59	5.2
N812112		<0.002	0.03	6.01	9.8	1	2.1	287	0.64	<0.05	10.4	0.259	1.12	3.3	71	1.9
N812113		<0.002	0.07	12.45	10.4	1	2.6	195.0	0.72	<0.05	11.8	0.278	1.54	4.5	74	1.7
N812114		<0.002	0.01	6.16	9.8	1	1.9	323	0.66	<0.05	10.2	0.263	1.28	3.6	72	0.8
N812115		<0.002	0.01	6.04	9.9	1	1.8	306	0.69	<0.05	10.9	0.264	1.25	3.5	73	0.8
N812116		<0.002	0.51	24.3	10.3	1	3.0	161.0	0.64	<0.05	11.8	0.274	1.96	5.2	74	2.5
N812117		<0.002	0.07	11.40	10.6	1	3.0	191.5	0.71	<0.05	11.9	0.277	1.61	2.9	79	1.4
N812118		<0.002	<0.01	0.08	0.1	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N812119		<0.002	0.18	24.5	10.5	1	2.6	140.0	0.64	<0.05	12.0	0.268	2.09	4.3	75	1.9
N812120		<0.002	0.16	34.0	11.4	1	1.9	133.5	0.68	<0.05	11.1	0.290	2.03	4.0	77	1.5
N812121		<0.002	0.02	9.28	11.7	1	2.3	251	0.72	<0.05	11.6	0.298	1.35	2.5	84	1.5
N812122		<0.002	3.37	41.4	8.9	1	7.0	159.5	0.67	0.35	11.9	0.230	2.55	5.4	64	5.6
N812123		<0.002	0.04	11.30	11.5	1	2.2	240	0.68	<0.05	11.3	0.292	1.42	4.3	82	1.4
N812124		<0.002	0.05	11.70	11.0	1	2.2	220	0.64	<0.05	12.1	0.276	1.34	2.6	77	1.2
N812125		<0.002	0.03	11.05	11.1	1	2.0	200	0.70	<0.05	10.5	0.292	1.31	2.7	81	1.3
N812126		<0.002	0.09	17.00	10.8	1	2.4	133.0	0.70	<0.05	11.3	0.271	1.62	3.0	76	2.7
N812127		<0.002	0.04	14.70	11.5	1	2.1	146.0	0.80	<0.05	12.2	0.293	1.28	3.6	83	3.7
N812128		<0.002	0.03	13.55	11.2	1	2.1	129.0	0.79	<0.05	11.3	0.285	1.32	3.8	80	3.6
N812129		<0.002	0.07	17.20	11.0	1	2.9	185.0	0.72	<0.05	11.8	0.276	1.33	3.2	76	2.9
N812130		<0.002	0.63	23.6	9.8	1	2.3	132.0	0.58	<0.05	10.8	0.243	1.74	5.0	67	1.7
N812131		<0.002	0.21	17.65	12.1	1	2.1	146.0	0.71	<0.05	11.0	0.301	1.86	4.8	85	2.8
N812132		<0.002	0.24	13.20	11.3	1	3.2	135.5	0.64	<0.05	11.8	0.273	1.65	3.7	73	2.0
N812133		<0.002	0.10	16.65	10.5	1	2.3	189.0	0.64	<0.05	11.2	0.241	1.67	5.6	79	1.5
N812134		<0.002	<0.01	0.05	0.1	1	0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N812135		<0.002	0.13	11.85	10.2	1	1.9	119.5	0.70	<0.05	10.8	0.262	1.64	3.7	72	1.1
N812136		<0.002	0.30	19.35	9.8	1	2.4	72.6	0.69	<0.05	12.9	0.237	2.12	9.4	67	1.4
N812137		<0.002	0.13	9.99	10.5	1	2.7	147.5	0.70	<0.05	13.1	0.249	1.87	7.2	70	1.3
N812138		<0.002	0.02	4.94	10.4	1	2.0	257	0.67	<0.05	9.9	0.283	1.25	3.6	82	1.0
N812139		<0.002	0.01	2.86	11.6	1	1.8	399	0.66	<0.05	11.9	0.283	1.03	4.3	82	1.2
N812140		<0.002	0.03	7.11	11.3	1	1.9	302	0.74	<0.05	10.0	0.288	1.33	3.9	84	2.0
N812141		<0.002	0.09	13.35	11.0	1	1.9	161.5	0.67	<0.05	11.7	0.268	1.71	5.0	75	2.1

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2012
Account: ROCKHA

Project: Klaza - 94

CERTIFICATE OF ANALYSIS WH12210389

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812106		14.1	76	108.0
N812107		13.5	68	36.2
N812108		14.6	65	33.8
N812109		14.1	59	32.2
N812110		14.4	58	31.2
N812111		11.6	3100	42.7
N812112		12.7	64	30.3
N812113		15.0	68	34.4
N812114		13.3	56	32.2
N812115		13.7	56	33.9
N812116		15.6	597	30.0
N812117		14.4	67	31.8
N812118		0.9	16	<0.5
N812119		15.7	70	31.2
N812120		12.9	114	34.4
N812121		14.4	66	32.5
N812122		12.6	3200	44.1
N812123		14.8	73	32.2
N812124		14.4	73	30.6
N812125		14.6	76	31.6
N812126		16.0	85	32.6
N812127		15.9	73	36.2
N812128		15.1	70	37.2
N812129		16.7	95	36.5
N812130		16.0	183	29.8
N812131		15.0	134	34.4
N812132		16.5	128	31.5
N812133		20.2	80	31.4
N812134		0.9	15	<0.5
N812135		11.6	84	34.1
N812136		13.0	60	33.9
N812137		16.3	69	34.7
N812138		13.5	90	31.4
N812139		16.2	59	30.5
N812140		14.8	70	31.9
N812141		15.2	98	31.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza - 94

Finalized Date: 11-SEP-2012
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH12210389

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2012
This copy reported on 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210470

Project: Klaza-95

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12182334**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2012
Account: ROCKHA

Project: Klaza-95

CERTIFICATE OF ANALYSIS WH12210470

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811307		<0.005
N811308		<0.005
N811309		0.008
N811310		<0.005
N811311		0.006
N811312		<0.005
N811313		<0.005
N811314		<0.005
N811315		<0.005
N811316		0.005
N811317		0.006
N811318		0.131
N811319		<0.005
N811320		<0.005
N811321		0.012
N811322		0.005
N811323		0.010
N811324		<0.005
N811325		0.005
N811326		0.029
N811327		<0.005
N811328		2.34
N811329		0.011
N811330		0.031
N811331		0.022
N811332		<0.005
N811333		0.031
N811334		0.377
N811335		0.012
N811336		4.51
N811337		0.006
N811338		0.202
N811339		0.012
N811340		<0.005
N811341		0.201
N811342		0.009

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12182334**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2012
This copy reported on 14-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210471

Project: Klaza-96

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	JARED TARSWELL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2012
Account: ROCKHA

Project: Klaza-96

CERTIFICATE OF ANALYSIS WH12210471

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355066		0.035
M355067		0.053
M355068		2.25
M355069		0.171
M355070		<0.005
M355071		0.086
M355072		0.022
M355073		0.081
M355074		<0.005
M355075		0.057
M355076		0.037
M355077		0.013
M355078		0.017
M355079		0.112
M355080		0.025
M355081		0.015
M355082		0.801
M355083		0.009
M355084		<0.005
M355085		<0.005
M355086		<0.005
M355087		<0.005
M355088		0.007
M355089		<0.005
M355090		<0.005
M355091		<0.005
M355092		<0.005
M355093		<0.005
M355094		<0.005
M355095		<0.005

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210741

Project: Klaza-122

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

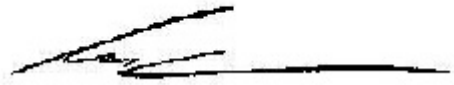
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210741

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359578		2.83	0.014	0.51	7.17	64.5	1780	1.22	0.40	2.00	0.93	44.6	7.9	7	19.10	23.0
M359579		0.26	4.48	>100	5.27	7300	1230	1.07	63.4	1.95	224	35.4	9.0	17	12.10	1265
M359580		2.16	<0.005	0.48	6.99	30.7	1340	1.34	0.41	2.68	3.68	43.8	7.1	8	20.6	18.0
M359581		2.28	<0.005	0.26	7.51	12.8	2160	1.40	0.30	2.68	0.59	44.8	6.8	10	12.90	18.8
M359582		2.53	2.42	37.0	6.43	1830	450	1.20	8.42	2.98	219	43.0	10.4	6	19.05	390
M359583		3.17	<0.005	0.02	0.06	<5	30	0.05	0.02	21.0	0.14	1.13	1.0	<1	0.16	1.6
M359584		3.03	<0.005	0.25	7.11	9.1	2230	1.50	0.39	2.91	0.30	46.6	8.5	8	16.25	32.7
M359585		7.08	<0.005	0.19	7.24	8.5	2390	1.40	0.33	2.51	0.37	48.6	7.4	10	10.65	21.0
M359586		<0.02	<0.005	0.16	7.39	6.9	2410	1.50	0.41	2.56	0.12	50.8	7.8	10	10.75	21.4
M359587		2.66	0.012	0.38	7.33	63.5	2220	1.34	0.55	2.51	0.15	46.3	8.5	10	13.90	24.4
M359588		3.91	<0.005	0.17	7.47	7.4	2460	1.36	0.67	2.49	0.14	47.9	7.1	12	13.05	24.5
M359589		3.82	<0.005	0.13	7.66	8.3	2510	1.44	0.42	2.76	0.15	49.1	7.8	11	8.81	10.7
M359590		2.00	<0.005	0.10	7.68	7.2	2520	1.47	0.30	2.78	0.11	50.1	7.6	10	8.95	10.1
M359591		4.02	<0.005	0.20	7.64	11.6	2680	1.42	0.38	2.35	0.15	49.7	7.3	12	11.55	19.6
M359592		4.76	<0.005	0.09	7.35	7.9	2190	1.41	0.24	2.83	0.12	50.0	9.1	10	11.10	7.5
M359593		8.80	<0.005	0.10	7.70	7.7	2420	1.53	0.21	2.62	0.11	52.3	7.5	11	8.57	9.9
M359594		8.85	<0.005	0.11	7.27	8.7	2210	1.47	0.24	2.66	0.10	48.5	7.1	10	8.83	10.0
M359595		5.19	<0.005	0.20	7.38	7.0	2260	1.47	0.19	2.79	0.15	47.8	7.4	10	10.35	11.3
M359596		2.43	<0.005	0.11	7.76	6.1	2250	1.38	0.19	2.26	0.14	52.3	6.3	8	11.55	7.9
M359597		3.92	<0.005	0.62	7.92	14.1	2390	1.17	0.31	1.15	1.08	57.1	6.4	8	14.45	15.1
M359598		2.48	<0.005	0.01	0.06	<5	30	0.06	0.02	21.1	0.06	1.10	1.1	<1	0.12	1.3
M359599		5.12	<0.005	0.25	7.49	24.8	1940	2.02	0.21	2.09	0.27	65.0	6.4	14	22.7	9.2
M359600		8.11	<0.005	0.22	7.48	14.9	1430	1.93	0.16	2.18	0.25	63.0	5.6	12	24.8	6.7
M359601		0.26	2.31	24.1	5.88	3500	1420	1.24	20.1	2.20	77.7	46.2	10.7	18	15.20	440
M359602		4.57	<0.005	0.35	7.74	41.5	1940	1.89	0.39	1.84	0.57	68.1	6.2	13	29.3	16.6
M359603		4.59	2.09	20.3	5.94	736	1800	1.24	2.05	1.75	96.3	52.2	32.1	6	8.58	277
M359604		2.90	0.506	9.41	6.66	1260	1480	1.58	2.07	1.81	17.50	43.7	6.9	9	11.45	98.0
M359605		4.22	<0.005	0.41	7.31	48.7	1750	1.70	0.24	2.13	0.63	58.2	6.8	29	29.2	19.2
M359606		7.89	<0.005	0.08	7.02	14.9	900	1.87	0.08	2.93	0.09	51.2	5.6	23	35.7	8.6
M359607		8.71	<0.005	0.07	7.34	12.0	930	2.08	0.05	2.46	0.07	53.6	5.7	23	34.6	7.7
M359608		8.16	<0.005	0.09	6.77	12.1	610	1.89	0.07	3.51	0.07	47.8	5.8	24	31.9	7.2
M359609		4.04	0.012	1.05	7.79	96.0	2210	1.46	0.31	1.48	2.09	50.2	7.3	8	20.4	16.4
M359610		3.89	0.019	1.86	7.00	136.5	1850	1.59	0.39	2.29	5.32	45.4	8.8	8	18.90	22.3
M359611		5.14	<0.005	0.21	7.17	17.0	2140	1.64	0.27	2.38	0.22	46.0	6.6	9	15.45	8.4
M359612		4.00	<0.005	0.30	7.43	36.0	2120	1.71	0.23	2.68	0.25	50.3	6.8	9	17.85	12.9
M359613		3.08	0.015	0.63	7.19	84.7	1950	1.58	0.45	2.57	2.31	45.9	7.9	9	16.60	13.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210741

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359578		3.22	17.30	0.15	1.2	0.052	2.62	21.9	130.0	0.62	1030	4.37	0.80	8.6	2.8	700
M359579		7.81	13.55	0.19	1.1	4.70	2.30	18.2	27.2	0.62	3120	15.20	0.08	5.8	13.9	440
M359580		3.12	17.00	0.14	1.1	0.451	2.79	21.5	71.5	0.77	1300	12.05	0.77	8.3	2.9	590
M359581		3.19	17.65	0.16	1.1	0.077	2.85	21.9	14.8	0.75	963	2.60	1.91	8.8	2.9	630
M359582		4.75	15.50	0.15	0.9	3.35	2.65	22.4	33.3	0.79	2340	2.81	0.23	6.7	2.1	500
M359583		0.47	0.27	0.09	<0.1	<0.005	0.03	0.6	1.0	12.70	218	0.10	0.01	0.3	3.2	170
M359584		3.06	18.25	0.15	1.3	0.062	2.76	21.8	13.6	0.73	1280	2.02	1.97	8.7	2.8	580
M359585		2.99	17.65	0.18	1.2	0.048	2.66	23.7	14.9	0.86	647	3.18	2.41	8.9	2.7	600
M359586		3.06	18.20	0.18	1.2	0.048	2.66	24.5	14.8	0.88	666	3.22	2.48	9.2	2.9	620
M359587		3.09	17.40	0.16	1.2	0.071	2.93	23.1	13.1	0.70	750	2.77	1.88	8.6	2.8	570
M359588		2.95	17.55	0.15	1.2	0.062	2.81	24.4	17.3	0.72	776	2.19	1.83	8.5	2.6	590
M359589		3.10	18.10	0.17	1.3	0.043	2.67	24.3	12.6	0.87	622	2.43	2.50	9.0	2.9	630
M359590		3.06	18.75	0.18	1.2	0.046	2.72	24.9	12.8	0.86	622	1.94	2.52	9.0	3.1	620
M359591		3.15	18.10	0.17	1.3	0.064	2.75	24.9	16.2	0.64	772	2.03	1.82	8.9	2.8	630
M359592		2.87	17.25	0.16	1.4	0.042	2.64	25.1	14.2	0.70	589	1.68	2.22	8.9	2.8	580
M359593		2.97	17.85	0.18	1.3	0.038	2.73	26.8	15.4	0.85	586	1.44	2.53	9.1	2.7	600
M359594		2.90	17.70	0.17	1.3	0.040	2.74	23.5	13.1	0.74	627	1.23	2.40	8.8	2.7	580
M359595		2.93	17.55	0.16	1.4	0.046	2.78	23.4	11.0	0.72	617	1.21	2.28	9.1	2.7	590
M359596		2.95	17.80	0.16	1.3	0.045	2.91	26.8	23.5	0.69	608	0.98	1.71	8.8	2.5	600
M359597		2.89	17.75	0.16	1.4	0.056	2.87	30.3	46.3	0.62	559	1.32	0.34	8.8	2.5	620
M359598		0.45	0.28	0.14	<0.1	<0.005	0.02	0.5	0.8	12.75	201	0.13	0.01	0.3	3.4	190
M359599		2.44	21.1	0.19	4.3	0.029	2.26	33.1	97.6	0.82	555	2.38	0.06	11.4	5.6	1040
M359600		2.33	21.1	0.18	3.7	0.028	2.36	32.4	70.7	0.85	538	2.01	0.06	11.4	5.3	970
M359601		6.53	15.20	0.18	1.0	1.720	2.67	25.4	21.5	0.90	1890	13.30	0.04	6.3	15.9	440
M359602		2.49	20.0	0.14	4.0	0.049	2.60	36.0	106.0	0.78	897	1.87	0.06	10.8	4.7	990
M359603		6.18	14.75	0.19	0.9	0.320	2.99	28.0	12.1	0.68	1500	68.8	0.03	5.6	3.3	440
M359604		4.06	16.35	0.16	1.4	0.175	3.17	22.6	18.7	0.70	2080	6.02	0.04	7.5	5.1	550
M359605		2.36	20.1	0.15	4.6	0.028	2.38	29.5	219	0.84	757	1.99	0.07	10.4	19.6	880
M359606		2.14	20.0	0.15	3.5	0.024	2.75	26.0	77.8	0.94	469	0.57	0.06	9.7	17.6	700
M359607		2.16	21.0	0.15	3.5	0.030	2.77	26.6	68.7	0.82	454	0.59	0.06	10.0	16.4	750
M359608		2.32	20.1	0.15	3.7	0.028	2.69	23.7	44.1	0.97	493	0.57	0.39	9.6	19.7	700
M359609		2.95	17.75	0.16	1.3	0.054	3.41	25.7	41.7	0.56	409	3.01	0.77	8.6	4.0	610
M359610		2.96	17.15	0.18	1.2	0.077	3.54	22.2	25.3	0.64	1190	1.64	0.85	8.3	2.7	560
M359611		2.97	17.55	0.16	1.3	0.072	2.94	22.4	13.7	0.67	786	1.54	2.08	8.6	3.2	580
M359612		2.92	17.95	0.17	1.4	0.048	2.83	24.2	24.1	0.74	717	1.08	2.10	9.2	2.8	600
M359613		2.95	17.20	0.16	1.3	0.070	2.91	22.4	24.8	0.74	1150	1.11	1.69	8.5	2.8	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210741

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359578		75.9	116.0	<0.002	0.14	20.3	10.5	1	2.8	260	0.69	<0.05	9.2	0.289	1.67	2.9
M359579		9420	139.0	<0.002	6.96	215	7.1	2	8.7	128.0	0.46	0.51	9.4	0.185	2.24	5.8
M359580		135.0	124.0	<0.002	0.21	11.15	10.4	1	3.3	251	0.64	<0.05	9.0	0.266	2.32	4.2
M359581		48.0	120.0	<0.002	0.06	3.17	11.9	2	2.5	409	0.65	<0.05	10.0	0.280	1.55	3.3
M359582		>10000	137.0	<0.002	3.76	50.7	9.2	3	4.9	169.5	0.52	0.29	10.6	0.223	2.34	4.3
M359583		5.2	1.5	<0.002	<0.01	0.07	0.1	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359584		20.0	113.0	<0.002	0.08	2.49	10.1	1	2.8	364	0.74	<0.05	10.1	0.261	1.54	3.3
M359585		30.0	105.5	<0.002	0.02	1.24	11.1	2	2.4	446	0.73	<0.05	11.6	0.267	1.22	3.9
M359586		16.1	105.5	<0.002	0.02	1.18	11.4	2	2.4	458	0.76	<0.05	11.9	0.271	1.21	4.0
M359587		18.1	126.5	<0.002	0.40	3.20	10.5	1	2.1	351	0.70	0.06	11.5	0.259	1.59	3.6
M359588		16.6	119.0	<0.002	0.07	3.77	11.0	2	2.1	335	0.67	<0.05	11.8	0.264	1.46	3.4
M359589		17.8	101.5	<0.002	0.02	1.04	11.8	2	2.2	458	0.70	<0.05	11.6	0.278	1.13	3.6
M359590		16.7	102.5	<0.002	0.01	1.04	11.8	2	2.2	463	0.70	<0.05	11.6	0.277	1.18	3.4
M359591		20.3	116.5	<0.002	0.08	8.01	12.0	1	2.1	327	0.71	0.05	11.8	0.278	1.31	3.6
M359592		16.1	110.0	<0.002	0.08	1.53	11.1	2	2.0	386	0.77	<0.05	12.7	0.261	1.15	4.2
M359593		16.2	109.5	<0.002	0.02	1.14	11.4	2	2.1	453	0.77	<0.05	13.0	0.267	1.08	4.4
M359594		16.3	107.0	<0.002	0.03	1.81	10.8	2	2.1	386	0.75	<0.05	11.8	0.261	1.18	3.8
M359595		38.2	107.5	<0.002	0.04	2.06	10.6	1	2.2	383	0.82	<0.05	12.1	0.261	1.18	4.2
M359596		15.6	116.0	<0.002	0.02	5.85	11.1	1	2.4	325	0.75	<0.05	12.8	0.268	1.30	3.6
M359597		416	125.0	<0.002	0.10	14.35	11.5	1	2.5	148.0	0.77	<0.05	15.0	0.274	1.34	4.0
M359598		1.6	1.0	<0.002	<0.01	<0.05	0.1	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359599		31.4	69.4	<0.002	0.09	17.35	5.3	1	1.5	331	0.86	<0.05	9.6	0.318	0.94	4.2
M359600		26.4	78.1	<0.002	0.05	12.65	5.1	1	1.5	301	0.84	<0.05	9.6	0.305	0.91	3.7
M359601		2800	167.0	<0.002	4.81	88.0	8.0	2	8.1	97.0	0.50	0.39	10.7	0.182	2.39	5.4
M359602		34.5	106.5	<0.002	0.21	17.50	7.4	1	1.9	363	0.78	<0.05	11.3	0.319	1.37	4.9
M359603		259	225	0.002	6.31	39.3	8.8	2	6.1	83.7	0.51	1.02	9.6	0.181	2.86	10.2
M359604		477	213	<0.002	3.17	27.2	9.6	1	4.2	139.0	0.64	0.32	10.5	0.222	2.45	8.0
M359605		23.6	74.8	<0.002	0.14	12.05	6.5	1	1.7	625	0.83	<0.05	10.2	0.304	1.51	4.7
M359606		16.0	95.0	<0.002	0.02	5.86	6.2	1	1.4	750	0.78	<0.05	9.4	0.273	1.34	3.6
M359607		14.0	95.8	<0.002	0.02	8.29	6.5	1	1.5	542	0.84	<0.05	9.8	0.287	1.30	2.9
M359608		14.3	82.0	<0.002	0.01	6.68	6.0	1	1.5	548	0.80	<0.05	8.8	0.272	1.21	3.5
M359609		89.7	157.0	<0.002	0.27	8.76	11.5	1	2.1	219	0.73	<0.05	14.8	0.269	1.87	6.4
M359610		216	150.0	<0.002	0.37	10.40	10.6	1	1.9	249	0.71	<0.05	12.0	0.254	2.45	3.5
M359611		21.9	125.0	<0.002	0.09	4.05	10.8	1	2.0	348	0.75	<0.05	12.0	0.261	1.52	4.0
M359612		22.1	116.0	<0.002	0.05	3.03	11.3	2	1.9	380	0.86	<0.05	12.2	0.270	1.28	4.3
M359613		66.2	122.5	<0.002	0.24	5.26	10.7	2	1.8	329	0.74	<0.05	12.3	0.254	1.58	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210741

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M359578		70	3.6	16.0	138	34.5	<1		
M359579		52	4.5	9.8	>10000	33.5	121		1.590
M359580		71	3.9	15.8	485	30.3	<1		
M359581		75	2.7	16.6	112	29.8	<1		
M359582		63	6.4	15.8	>10000	23.5	40	1.110	2.52
M359583		2	0.1	0.8	40	<0.5	<1		
M359584		70	3.8	16.7	63	33.2	<1		
M359585		72	1.4	18.6	80	31.5	<1		
M359586		73	1.6	18.9	48	32.5	<1		
M359587		69	2.1	16.1	52	31.0	<1		
M359588		70	1.5	16.8	51	33.6	<1		
M359589		74	1.0	18.5	47	35.4	<1		
M359590		74	0.9	18.3	44	33.0	<1		
M359591		75	1.3	17.8	54	34.7	<1		
M359592		68	1.1	17.7	44	36.5	<1		
M359593		71	1.0	19.2	43	33.4	<1		
M359594		70	1.1	17.1	45	33.1	<1		
M359595		69	1.1	17.7	60	35.9	<1		
M359596		71	1.6	18.0	51	32.9	<1		
M359597		72	3.5	16.7	135	38.5	<1		
M359598		2	0.1	0.8	16	<0.5	<1		
M359599		51	1.9	10.8	109	149.5	<1		
M359600		49	2.5	9.8	124	130.5	<1		
M359601		57	5.4	11.0	5430	27.6	24		
M359602		60	2.8	12.7	127	148.0	<1		
M359603		59	4.3	9.5	>10000	24.1	18		1.035
M359604		58	3.6	11.0	1480	40.8	10		
M359605		58	2.1	12.0	106	166.0	<1		
M359606		51	1.5	11.7	57	122.0	<1		
M359607		52	2.5	12.0	59	111.5	<1		
M359608		52	1.6	11.4	52	127.5	<1		
M359609		70	2.8	14.9	183	33.6	<1		
M359610		67	3.2	15.0	361	30.7	1		
M359611		69	1.7	16.5	56	30.8	<1		
M359612		71	1.6	18.4	53	33.8	<1		
M359613		67	1.9	16.9	167	33.7	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210741

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210742

Project: Klaza-122

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

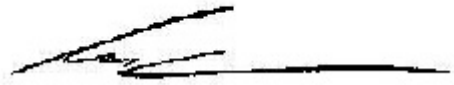
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210742

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M359614		3.10	<0.005		0.22	7.51	29.4	2230	1.54	0.19	2.74	0.24	44.8	7.5	7	12.15
M359615		0.25	2.20		24.9	5.70	2650	820	1.29	17.95	2.15	77.6	39.5	10.8	17	13.70
M359616		7.45	<0.005		0.25	6.60	27.3	2140	1.44	0.30	2.87	0.60	38.6	6.4	7	11.15
M359617		2.88	0.005		0.48	6.93	84.2	2310	1.48	0.31	2.67	0.50	42.6	7.2	7	14.50
M359618		3.57	0.134		3.95	6.82	398	1450	1.81	0.69	2.60	10.10	44.9	5.6	15	21.0
M359619		3.64	<0.005		0.06	0.06	<5	20	0.06	0.03	21.4	0.06	1.19	0.6	<1	0.34
M359620		2.16	<0.005		0.10	7.40	8.1	2380	1.51	0.20	2.67	0.13	50.4	7.5	7	7.60
M359621		2.49	<0.005		0.11	7.44	10.8	2410	1.53	0.17	2.58	0.12	52.6	7.0	10	6.98
M359622		3.92	0.136		0.18	7.11	13.1	2320	1.45	0.30	2.60	0.11	45.9	9.1	7	11.55
M359623		2.55	0.009		0.25	7.26	92.8	1450	1.49	0.16	2.20	0.12	47.5	7.1	7	22.4
M359624		5.11	<0.005		0.10	7.14	5.7	2330	1.61	0.17	2.41	0.11	53.4	7.3	8	8.18
M359625		0.26	4.75		>100	5.46	6660	940	1.22	69.4	2.02	231	35.0	10.2	17	12.00
M359626		4.75	0.008		0.47	6.79	12.3	1970	1.36	0.31	2.64	1.05	41.2	6.3	10	12.30
M359627		4.51	<0.005		0.18	7.11	5.0	2200	1.49	0.18	2.69	0.12	47.3	7.2	10	11.80
M359628		2.27	0.602		7.09	6.66	1695	440	1.37	2.02	2.09	63.8	46.2	9.9	6	16.45
M359629		4.50	<0.005		0.20	0.06	<5	40	0.06	0.02	21.2	0.11	1.11	0.6	<1	0.24
M359630		3.15	<0.005		0.13	6.84	7.1	2150	1.57	0.20	2.63	0.22	43.2	6.5	7	14.90
M359631		6.28	<0.005		0.15	7.32	9.9	2180	1.34	0.16	1.96	0.10	45.7	6.9	6	16.10
M359632		2.76	0.012		0.38	6.93	31.5	1600	1.53	0.47	1.99	1.28	47.6	7.4	6	24.4
M359633		6.52	<0.005		0.16	7.36	7.8	2260	1.47	1.08	2.82	0.14	45.7	9.2	8	15.35
M359634		<0.02	<0.005		0.24	7.19	9.6	2250	1.48	1.15	2.75	0.22	48.9	9.5	10	15.90
M359635		7.04	<0.005		0.12	7.21	7.8	2270	1.63	0.54	2.63	0.10	48.5	7.8	8	12.20
M359636		7.70	0.007		0.27	7.03	12.6	2330	1.64	0.57	2.73	0.11	46.6	7.8	10	15.25
M359637		2.96	<0.005		0.14	7.24	4.8	2250	1.50	1.02	2.49	0.12	50.3	5.5	8	11.15
M359638		2.58	0.014		0.75	6.99	62.5	1490	1.64	0.53	2.80	0.34	48.2	6.7	6	28.0
M359639		2.97	0.018		0.59	6.98	49.9	1430	1.42	0.67	2.70	0.27	44.1	6.8	6	27.7
M359640		4.03	<0.005		0.34	7.49	7.9	2150	1.64	0.46	2.33	0.12	47.9	7.1	8	16.65
M359641		1.64	<0.005		0.23	7.03	8.9	2040	1.51	0.45	2.50	0.12	42.5	6.4	7	16.60
M359642		5.27	0.010		0.20	6.84	16.2	1930	1.36	0.38	2.65	0.12	41.4	5.7	8	18.20
M359643		2.42	0.065		0.44	7.17	166.0	1970	1.70	0.34	2.57	1.12	46.9	6.4	7	26.0
M359644		2.94	0.031		2.01	6.76	95.6	1820	1.55	0.27	2.55	16.45	45.6	5.3	7	20.3
M359645		3.13	0.281		5.38	6.90	1400	340	1.49	0.37	2.42	18.50	44.9	6.5	5	15.65
M359646		3.28	0.915		17.20	6.32	5200	580	1.29	0.26	2.01	47.7	42.6	6.2	5	12.00
M359647		2.56	<0.005		3.10	6.92	480	1350	1.51	0.20	3.04	18.30	46.1	7.0	5	16.35
M359648		2.75	>10.0	15.90	>100	3.27	>10000	110	0.68	4.57	1.09	524	19.80	3.1	6	4.50
M359649		2.38	0.108		2.46	7.13	1030	1120	1.61	0.83	2.27	3.64	49.0	6.8	7	17.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210742

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M359614		10.8	3.23	17.85	0.12	1.4	0.050	2.69	22.1	16.2	0.84	645	1.80	2.43	8.4	2.6
M359615		421	6.41	14.35	0.15	1.0	1.625	2.56	21.0	22.8	0.89	1820	12.30	0.04	5.7	14.6
M359616		9.4	2.71	15.15	0.12	1.2	0.046	2.49	18.1	18.2	0.69	598	1.54	2.09	7.0	2.2
M359617		18.2	2.77	16.20	0.12	1.1	0.044	2.62	20.6	10.6	0.66	611	1.18	2.23	7.4	2.3
M359618		33.4	2.74	16.80	0.15	2.2	0.090	2.99	23.8	50.5	0.65	1360	1.34	0.59	7.6	8.0
M359619		1.3	0.46	0.21	0.14	<0.1	0.011	0.03	0.6	1.1	12.90	201	0.08	0.01	0.1	1.9
M359620		12.3	3.03	17.80	0.16	1.3	0.045	2.66	24.6	14.1	0.87	625	1.17	2.42	8.4	2.3
M359621		10.9	2.92	16.90	0.14	1.3	0.049	2.83	26.5	12.3	0.82	582	1.20	2.36	7.8	3.0
M359622		69.8	3.12	17.05	0.14	1.4	0.076	3.02	22.8	12.4	0.71	654	1.59	1.95	7.5	2.4
M359623		12.2	2.66	17.10	0.15	1.4	0.051	3.13	22.9	41.9	0.63	857	2.04	0.69	8.1	2.3
M359624		13.2	2.83	17.70	0.16	1.4	0.045	2.70	27.3	15.7	0.83	572	2.59	2.33	8.4	2.3
M359625		1290	8.19	14.65	0.14	1.2	4.75	2.35	17.2	33.1	0.65	3120	16.10	0.08	5.8	14.7
M359626		24.7	2.72	15.90	0.13	1.4	0.066	2.89	19.9	18.4	0.71	665	2.20	1.65	7.4	2.1
M359627		17.1	2.82	17.55	0.14	1.3	0.053	2.82	22.7	10.0	0.74	612	3.36	2.18	7.9	2.3
M359628		57.9	4.01	15.75	0.14	1.3	0.225	3.24	25.1	93.1	0.60	1940	3.07	0.34	6.9	2.2
M359629		1.9	0.48	0.19	0.10	<0.1	0.010	0.02	0.5	1.2	12.95	204	0.11	0.01	0.2	1.7
M359630		11.5	2.78	16.10	0.14	1.5	0.048	2.74	21.4	10.1	0.71	605	2.36	2.08	7.8	2.3
M359631		15.3	2.76	16.20	0.14	1.3	0.042	2.75	23.3	33.1	0.72	546	3.39	1.04	7.6	2.1
M359632		28.1	2.69	16.05	0.14	1.2	0.108	2.64	24.6	77.9	0.71	1050	3.18	0.26	7.3	2.1
M359633		21.8	3.12	17.00	0.12	1.4	0.048	2.62	22.1	24.8	0.84	648	2.87	2.17	8.2	2.3
M359634		22.1	2.97	17.25	0.14	1.3	0.052	2.66	24.4	23.4	0.78	614	2.90	2.10	8.5	2.5
M359635		13.1	2.82	17.25	0.13	1.3	0.047	2.69	24.3	18.4	0.75	567	1.60	2.30	8.0	2.3
M359636		45.0	2.88	16.70	0.13	1.3	0.057	2.89	22.9	11.7	0.70	619	1.74	2.14	8.0	2.5
M359637		12.8	2.82	16.80	0.13	1.2	0.053	2.92	24.4	16.4	0.72	611	1.78	2.27	7.7	2.3
M359638		17.5	3.25	17.00	0.15	1.1	0.073	3.33	24.5	47.5	0.79	1550	1.55	0.47	8.1	2.4
M359639		12.6	2.98	16.35	0.13	1.1	0.049	2.86	22.1	33.4	0.69	904	1.42	0.98	7.7	2.4
M359640		36.2	3.24	17.40	0.14	1.2	0.072	3.03	24.2	23.7	0.75	601	1.74	1.51	7.8	2.7
M359641		21.3	2.74	16.95	0.15	1.1	0.056	3.00	20.4	21.9	0.71	621	1.32	1.62	7.5	2.3
M359642		16.3	2.90	16.25	0.12	1.0	0.060	3.16	20.3	33.6	0.73	788	1.38	1.42	7.5	2.3
M359643		7.3	2.89	17.70	0.13	1.2	0.058	3.23	22.8	37.7	0.70	1180	1.53	1.15	8.1	2.3
M359644		14.7	3.08	16.35	0.15	1.2	0.052	3.35	22.4	39.5	0.78	1490	1.51	0.94	8.3	2.2
M359645		29.8	3.31	16.50	0.14	1.1	0.077	3.09	22.8	13.4	0.82	3510	2.13	0.02	7.0	2.1
M359646		57.2	3.99	14.95	0.13	1.1	0.209	3.00	20.3	15.2	0.68	2550	1.58	0.02	6.5	2.1
M359647		44.8	2.84	16.05	0.13	1.2	0.133	2.50	23.9	173.5	1.04	1940	1.87	0.02	7.3	2.1
M359648		2080	8.65	10.35	0.10	0.5	5.65	1.53	8.7	20.3	0.38	1700	1.01	0.01	3.2	1.5
M359649		33.8	2.81	17.00	0.14	1.1	0.094	3.30	25.8	34.6	0.75	1440	1.44	0.38	7.4	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210742

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M359614		640	24.8	98.8	<0.002	0.07	1.67	10.8	1	1.7	408	0.62	<0.05	11.4	0.280	1.17
M359615		420	2800	156.0	<0.002	4.59	86.2	8.0	<1	7.6	84.6	0.41	0.32	9.4	0.172	2.20
M359616		520	41.1	83.5	<0.002	0.05	1.66	9.0	<1	1.8	365	0.54	<0.05	10.6	0.230	0.98
M359617		540	32.1	96.4	<0.002	0.08	2.25	9.9	1	1.7	380	0.55	<0.05	11.8	0.243	1.14
M359618		530	458	137.0	<0.002	0.85	13.15	8.4	1	2.2	289	0.54	0.08	11.0	0.239	1.95
M359619		170	1.5	1.7	<0.002	<0.01	0.11	0.3	<1	<0.2	39.3	<0.05	<0.05	<0.2	<0.005	0.03
M359620		600	17.1	95.1	<0.002	0.02	1.11	11.5	1	2.1	406	0.59	<0.05	13.0	0.265	1.13
M359621		580	15.8	107.5	<0.002	0.03	1.12	11.0	1	1.7	395	0.58	<0.05	13.4	0.254	1.12
M359622		550	14.5	118.0	<0.002	0.30	4.59	10.3	1	1.8	330	0.55	0.07	11.8	0.243	1.52
M359623		580	14.6	130.0	<0.002	0.11	8.83	10.5	1	2.2	199.0	0.62	<0.05	12.2	0.256	2.03
M359624		570	16.3	108.0	<0.002	0.01	1.21	11.2	1	1.9	407	0.60	<0.05	13.0	0.251	1.12
M359625		460	10000	141.5	<0.002	7.11	222	8.2	2	9.1	126.0	0.41	0.42	8.7	0.185	2.21
M359626		540	24.2	99.3	<0.002	0.06	2.48	9.2	1	1.8	319	0.60	<0.05	10.9	0.236	1.43
M359627		550	16.8	111.5	<0.002	0.03	1.64	10.5	1	2.0	360	0.60	<0.05	11.6	0.244	1.25
M359628		490	474	174.0	0.002	2.01	33.7	9.6	1	2.4	167.0	0.54	0.13	12.0	0.219	2.30
M359629		170	2.1	1.3	<0.002	<0.01	0.13	0.2	<1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	0.03
M359630		550	17.3	111.0	<0.002	0.03	2.25	10.1	1	1.7	348	0.65	<0.05	11.9	0.244	1.30
M359631		560	18.4	105.0	<0.002	0.07	4.39	10.0	1	2.0	270	0.57	<0.05	12.1	0.245	1.34
M359632		520	44.2	117.0	<0.002	0.28	15.05	11.1	1	3.1	222	0.52	<0.05	12.3	0.238	1.73
M359633		630	17.8	99.3	0.002	0.10	1.56	11.9	1	2.3	385	0.61	<0.05	11.8	0.279	1.19
M359634		580	19.5	103.0	<0.002	0.10	1.51	11.7	1	2.3	373	0.59	<0.05	12.6	0.267	1.10
M359635		570	16.7	100.0	<0.002	0.04	1.10	11.0	1	1.9	389	0.60	<0.05	12.5	0.258	1.10
M359636		550	16.0	108.0	<0.002	0.06	1.93	10.3	1	2.0	364	0.63	0.11	11.7	0.244	1.23
M359637		570	17.0	118.0	0.002	0.02	2.22	10.7	1	2.2	396	0.57	0.06	13.0	0.251	1.32
M359638		560	21.6	150.5	<0.002	1.04	11.95	11.4	1	2.5	212	0.54	<0.05	11.5	0.256	2.54
M359639		580	33.6	122.5	<0.002	0.41	7.57	11.0	1	2.5	293	0.55	<0.05	10.5	0.260	2.03
M359640		600	16.0	125.0	<0.002	0.05	4.09	11.5	1	2.2	323	0.54	<0.05	12.4	0.260	1.65
M359641		570	15.3	115.0	<0.002	0.05	3.79	10.2	1	2.1	319	0.53	<0.05	10.0	0.253	1.54
M359642		550	14.4	126.5	<0.002	0.08	5.44	10.0	<1	2.0	284	0.49	0.07	9.9	0.250	1.75
M359643		600	41.9	132.5	<0.002	0.42	7.65	11.2	1	2.3	287	0.58	<0.05	11.0	0.264	2.01
M359644		530	411	158.5	<0.002	0.43	8.51	10.4	1	2.9	246	0.63	<0.05	11.2	0.242	2.35
M359645		490	702	191.5	<0.002	2.56	35.5	9.9	1	3.2	111.5	0.48	<0.05	10.3	0.216	3.00
M359646		460	2430	183.5	<0.002	3.21	82.3	9.5	<1	5.8	112.5	0.47	<0.05	10.8	0.209	2.82
M359647		540	525	115.5	<0.002	1.15	18.80	10.2	1	6.0	242	0.53	<0.05	12.4	0.236	2.26
M359648		220	>10000	117.0	<0.002	>10.0	597	4.7	1	21.6	36.1	0.26	<0.05	5.4	0.098	1.59
M359649		530	206	164.5	<0.002	0.87	17.10	10.5	1	2.5	176.0	0.54	<0.05	13.3	0.235	2.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210742

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
M359614		3.8	75	1.0	16.6	61	34.6	<1		
M359615		4.5	54	5.0	9.4	5170	24.0	25		
M359616		3.3	63	2.3	14.4	71	24.5	<1		
M359617		3.3	65	3.0	14.8	75	24.5	<1		
M359618		3.4	57	2.7	12.4	746	67.1	4		
M359619		0.4	1	0.1	0.9	13	<0.5	<1		
M359620		3.8	72	2.0	19.0	43	28.3	<1		
M359621		3.7	68	2.1	17.2	40	29.2	<1		
M359622		3.5	66	4.1	15.8	45	29.8	<1		
M359623		4.0	69	3.4	14.9	37	29.5	<1		
M359624		3.8	68	1.3	17.8	41	30.7	<1		
M359625		4.9	52	4.5	9.8	>10000	32.5	120	0.980	1.575
M359626		3.3	63	2.4	14.0	95	28.4	1		
M359627		3.6	66	1.4	16.2	42	28.6	<1		
M359628		4.5	59	2.5	13.7	4440	27.1	7		
M359629		0.5	1	0.1	0.7	19	<0.5	<1		
M359630		3.9	65	1.2	15.5	47	30.7	<1		
M359631		3.7	67	3.5	14.2	39	27.5	1		
M359632		2.8	68	5.9	15.5	169	26.1	<1		
M359633		3.5	81	8.2	18.2	46	27.3	<1		
M359634		3.5	74	7.8	17.6	48	27.3	<1		
M359635		3.6	70	2.0	16.4	41	26.9	<1		
M359636		4.0	67	1.5	15.8	41	28.9	1		
M359637		3.7	67	2.7	15.5	43	24.3	<1		
M359638		3.4	67	3.3	15.6	48	23.9	1		
M359639		2.8	71	3.5	14.5	51	22.3	1		
M359640		3.2	70	3.1	15.8	44	26.3	1		
M359641		2.8	67	2.4	14.1	45	23.9	1		
M359642		2.8	67	3.3	13.4	48	23.7	<1		
M359643		3.4	71	3.5	15.5	96	26.4	1		
M359644		3.9	64	2.6	16.6	842	31.9	2		
M359645		3.5	57	4.6	11.5	1300	25.7	6		
M359646		2.6	57	5.1	10.5	3360	23.7	18		
M359647		3.7	62	4.7	13.3	1160	28.0	4		
M359648		2.3	28	2.5	5.2	>10000	12.2	333	3.86	4.07
M359649		3.9	63	4.4	13.8	323	24.8	1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210742

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210743

Project: Klaza-122

P.O. No.: Batch 7

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

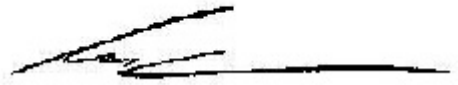
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210743

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359650		2.59	0.045	2.76	6.45	485	3390	1.45	1.67	3.33	11.20	41.4	5.7	6	19.95	19.4
M359651		2.40	<0.005	0.07	0.04	<5	50	0.05	0.02	20.3	0.07	1.22	0.5	<1	0.12	1.8
M359652		6.14	<0.005	0.18	7.02	9.0	2120	1.39	0.51	2.66	0.12	42.3	5.7	8	15.05	17.5
M359653		3.59	0.011	0.99	6.91	13.3	2030	1.48	1.37	2.55	3.00	44.9	5.3	9	10.60	56.4
M359654		3.64	<0.005	1.17	7.09	5.8	2200	1.51	2.52	2.59	0.57	44.2	6.0	9	9.93	45.5
M359655		3.22	0.006	0.25	7.29	12.1	2220	1.57	0.37	2.59	1.48	48.0	4.7	9	8.85	7.8
M359656		3.61	<0.005	0.11	7.02	4.4	2060	1.48	0.61	2.66	0.11	43.5	5.2	9	10.70	8.1
M359657		2.79	0.019	1.11	6.95	14.1	2510	1.45	2.97	2.98	0.32	43.5	5.6	7	11.15	57.6
M359658		2.37	<0.005	0.05	0.05	<5	20	0.05	0.03	21.2	0.05	0.95	0.6	<1	0.14	1.7
M359659		4.30	0.116	0.11	7.13	6.2	2230	1.47	0.98	2.29	0.10	47.1	6.9	10	7.36	12.6
M359660		2.82	0.005	0.24	7.10	10.9	2300	1.36	0.89	2.95	0.22	42.2	7.6	7	10.30	21.1
M359661		<0.02	<0.005	0.22	7.05	9.1	2170	1.52	0.63	2.81	0.18	43.3	7.0	8	9.83	23.9
M359662		2.94	<0.005	0.14	7.37	7.3	2300	1.54	0.61	2.51	0.19	48.3	7.5	8	11.75	17.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210743

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359650		3.09	14.05	0.12	1.0	0.069	2.99	20.4	53.5	0.98	1910	1.16	0.52	6.8	2.7	510
M359651		0.45	0.14	0.12	<0.1	0.010	0.02	0.6	0.9	12.50	198	0.13	<0.01	0.1	1.5	170
M359652		2.71	15.00	0.15	1.2	0.042	2.79	21.4	18.6	0.72	594	1.23	1.96	7.3	2.2	550
M359653		2.99	14.70	0.15	1.2	0.098	2.75	21.8	11.7	0.74	704	1.22	1.97	7.5	2.4	550
M359654		2.97	15.25	0.15	1.2	0.057	2.70	21.6	9.4	0.77	587	1.66	2.22	7.6	2.4	580
M359655		3.13	15.95	0.13	1.2	0.060	2.84	23.3	10.8	0.78	620	1.39	2.29	8.0	2.3	600
M359656		2.87	15.90	0.14	1.0	0.056	2.79	21.6	11.1	0.70	643	1.11	2.07	7.7	2.4	550
M359657		2.97	15.30	0.15	1.2	0.079	2.83	21.2	12.1	0.76	917	0.88	1.88	8.0	2.4	600
M359658		0.49	0.15	0.12	<0.1	0.011	0.02	0.5	0.9	13.05	216	0.08	0.01	0.1	1.8	160
M359659		2.78	15.05	0.15	1.2	0.045	2.76	23.7	12.7	0.81	562	1.17	2.35	7.2	2.7	530
M359660		2.91	15.55	0.14	1.2	0.059	2.81	18.3	12.7	0.69	955	0.99	2.04	7.5	2.5	540
M359661		2.79	15.40	0.14	1.1	0.051	2.72	20.5	12.2	0.70	827	0.84	2.02	7.3	2.5	550
M359662		2.84	15.85	0.12	1.3	0.051	2.82	24.6	13.4	0.69	521	1.36	2.39	7.7	2.4	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210743

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359650		578	124.0	<0.002	0.50	12.45	8.0	<1	2.3	239	0.53	<0.05	10.4	0.225	2.01	3.5
M359651		2.4	0.7	<0.002	<0.01	0.10	0.1	<1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359652		17.1	105.5	<0.002	0.06	1.98	8.5	1	2.0	341	0.60	<0.05	11.6	0.242	1.30	3.4
M359653		84.4	114.5	<0.002	0.12	2.70	9.2	1	2.0	319	0.62	<0.05	12.1	0.249	1.32	3.5
M359654		44.9	102.0	<0.002	0.05	1.40	9.5	1	2.1	358	0.65	0.11	12.2	0.257	1.11	3.6
M359655		33.0	109.5	<0.002	0.03	1.80	9.8	1	2.0	366	0.68	<0.05	13.0	0.262	1.21	3.9
M359656		16.4	108.5	<0.002	0.02	2.14	9.3	1	2.1	334	0.62	0.05	11.8	0.246	1.22	3.5
M359657		18.7	120.0	<0.002	0.14	5.09	9.1	1	2.4	308	0.65	1.25	12.0	0.250	1.56	4.0
M359658		1.4	1.0	<0.002	<0.01	0.10	0.2	<1	<0.2	37.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359659		14.3	107.0	<0.002	0.05	1.16	8.8	1	2.2	401	0.61	0.05	12.5	0.239	1.04	3.6
M359660		19.9	101.0	<0.002	0.14	2.89	8.9	1	2.1	364	0.64	<0.05	11.3	0.245	1.27	3.6
M359661		18.9	100.5	<0.002	0.13	2.62	8.7	<1	2.1	356	0.61	<0.05	12.0	0.241	1.16	3.6
M359662		22.5	109.5	<0.002	0.09	1.93	9.0	1	2.1	399	0.67	<0.05	13.7	0.249	1.14	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210743

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359650		60	3.2	12.6	750	24.4	3
M359651		2	0.1	0.7	17	<0.5	<1
M359652		65	2.3	14.2	39	27.8	<1
M359653		67	1.9	14.3	360	29.7	1
M359654		71	2.3	15.0	93	27.2	<1
M359655		71	1.4	16.2	120	29.8	<1
M359656		65	1.7	14.8	43	26.0	<1
M359657		66	2.4	14.8	63	27.7	2
M359658		2	0.1	0.7	13	<0.5	<1
M359659		62	1.4	15.0	38	27.2	<1
M359660		66	2.0	14.1	51	28.6	1
M359661		64	1.9	14.0	48	26.2	1
M359662		65	1.3	15.4	43	29.7	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-122

CERTIFICATE OF ANALYSIS WH12210743

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210744

Project: Klaza-123

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

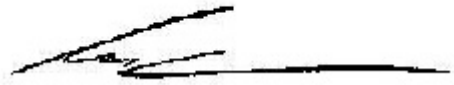
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210744

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358666		2.62	0.183	2.44	6.54	150.0	940	1.46	2.48	2.37	12.75	51.9	29.5	7	21.2	16.3
M358667		4.36	0.010	0.28	6.96	17.4	2290	1.54	0.78	2.38	0.19	39.2	6.1	9	21.0	32.3
M358668		2.35	0.009	0.19	6.86	25.5	2100	1.55	0.32	2.45	0.15	37.7	6.7	9	20.2	10.3
M358669		4.86	0.011	0.53	6.66	29.5	1680	1.43	0.94	2.70	0.21	36.7	5.6	8	16.75	38.9
M358670		2.51	0.011	0.43	7.01	38.5	1640	1.61	0.69	2.77	0.22	42.4	6.3	8	17.75	38.2
M358671		4.07	0.008	0.22	6.84	20.3	1490	1.52	0.49	1.96	0.13	48.1	4.4	8	10.75	23.7
M358672		0.26	2.38	26.3	5.80	3280	1390	1.33	20.7	2.19	75.8	42.9	10.0	19	12.85	443
M358673		4.30	0.077	1.21	6.88	136.5	1560	1.62	0.96	2.09	5.69	47.6	5.5	6	17.10	18.9
M358674		4.95	2.85	17.35	6.08	711	1150	1.23	13.20	1.81	43.4	52.0	22.6	6	8.17	82.5
M358675		3.82	0.005	0.15	0.10	5	30	0.11	0.10	21.0	0.23	1.46	0.7	<1	0.34	2.1
M358676		3.99	0.072	3.84	7.28	63.1	1330	1.56	4.33	1.78	2.51	36.7	23.8	8	9.72	4.4
M358677		2.73	0.180	20.9	7.94	98.8	250	1.71	2.58	0.99	11.35	15.55	13.2	9	6.91	107.0
M358678		5.86	0.052	6.24	7.58	94.9	3460	1.92	7.31	2.67	0.76	14.90	7.1	8	12.25	4.9
M358679		2.37	0.005	0.57	8.10	31.1	2430	1.81	1.00	1.65	0.40	13.15	10.8	9	10.80	2.2
M358680		3.78	0.005	0.40	7.52	22.7	2470	1.82	0.99	2.60	0.21	18.05	7.3	7	11.95	7.5
M358681		5.32	0.303	2.11	7.62	82.5	660	1.46	3.15	1.75	7.82	14.95	17.5	9	8.16	11.4
M358682		3.70	<0.005	0.05	0.15	<5	50	0.10	0.11	20.7	0.11	1.26	0.7	<1	1.89	1.5
M358683		2.27	0.031	1.88	7.87	60.9	2390	1.54	2.57	1.24	2.68	14.30	15.5	8	5.69	19.2
M358684		3.12	0.035	2.09	7.28	80.5	820	1.32	3.60	0.84	1.49	12.55	13.6	6	4.05	41.4
M358685		2.53	0.013	0.74	7.75	17.9	2080	1.58	1.28	0.72	1.41	15.95	10.9	7	8.05	16.8
M358686		0.27	2.28	27.5	5.79	3290	1510	1.37	20.4	2.18	77.7	44.4	10.5	19	13.45	439
M358687		6.11	0.019	0.99	7.35	36.8	1760	1.66	1.18	1.93	1.22	44.1	12.0	7	10.75	30.6
M358688		2.86	0.222	3.83	7.35	161.5	1090	1.52	0.98	2.87	21.5	100.5	40.7	7	13.15	33.6
M358689		4.96	0.055	3.07	7.48	188.0	1420	1.77	0.94	2.42	7.76	67.3	18.1	8	14.30	60.9
M358690		2.95	0.117	11.45	7.10	1150	720	1.51	2.29	1.70	21.1	62.0	17.7	7	9.98	173.0
M358691		4.58	0.017	1.13	7.75	44.9	2020	1.45	1.00	2.11	1.37	49.9	18.8	9	8.25	28.8
M358692		2.97	0.515	14.95	7.13	443	260	1.31	2.76	1.01	66.4	63.9	15.4	8	5.80	100.5
M358693		4.99	0.014	1.30	7.85	49.4	2260	1.73	1.26	2.47	1.19	66.5	12.9	8	9.38	40.8
M358694		<0.02	0.015	1.33	7.56	54.1	2180	1.72	1.24	2.41	1.26	68.2	12.6	8	9.31	40.0
M358695		3.35	<0.005	0.28	6.99	11.1	2460	1.70	0.56	2.98	0.21	65.8	14.0	8	10.40	5.9
M358696		4.93	0.015	0.93	7.31	42.5	3400	1.62	0.90	1.64	0.54	28.4	8.1	9	7.88	12.0
M358697		3.14	0.502	7.26	7.28	1915	510	1.25	4.95	0.32	42.7	15.35	9.1	9	4.99	99.2
M358698		4.04	0.822	23.2	7.08	571	390	1.28	12.05	0.23	37.7	19.55	15.5	9	4.89	83.0
M358699		5.50	0.540	20.4	7.45	765	150	1.35	8.31	0.23	19.05	52.9	37.2	9	4.51	50.6
M358700		6.29	1.340	29.1	5.65	4260	640	1.08	26.7	0.16	91.4	33.2	113.0	10	3.34	123.5
M358701		2.65	0.282	12.00	6.90	268	140	1.29	8.09	0.45	23.0	53.4	52.4	8	4.49	44.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210744

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358666		4.79	13.95	0.16	1.2	0.690	3.02	31.3	12.6	1.00	1770	0.82	0.04	5.3	5.4	500
M358667		2.91	16.15	0.14	1.5	0.106	3.04	19.3	25.8	0.62	629	1.95	1.10	7.2	5.1	630
M358668		2.99	16.90	0.14	1.4	0.084	3.21	17.6	18.5	0.60	780	2.74	1.16	7.3	2.7	630
M358669		2.44	16.10	0.15	1.4	0.097	3.07	17.7	46.1	0.54	962	1.33	0.50	7.3	2.3	580
M358670		2.54	16.90	0.18	1.5	0.107	3.21	19.7	35.3	0.62	1280	1.78	0.52	7.9	2.4	590
M358671		2.01	14.85	0.15	2.2	0.092	3.19	23.9	20.1	0.49	605	1.97	0.89	7.7	1.7	380
M358672		6.61	14.00	0.16	1.0	1.530	2.59	22.8	21.1	0.89	1880	11.95	0.04	5.1	14.1	440
M358673		2.98	14.90	0.16	1.7	0.300	3.01	27.0	10.5	0.75	2010	1.78	0.04	6.7	2.1	410
M358674		5.00	13.45	0.18	1.2	0.617	2.74	29.3	12.8	0.65	2540	7.82	0.03	4.3	2.1	450
M358675		0.49	0.31	0.10	<0.1	0.006	0.04	0.8	1.2	13.25	223	0.11	0.01	0.2	1.6	190
M358676		2.63	16.50	0.16	1.3	0.361	3.73	18.7	6.4	0.74	1460	1.41	0.04	5.3	2.4	620
M358677		4.07	17.45	0.16	1.3	0.181	3.95	7.4	6.0	0.60	842	2.40	0.05	6.7	2.6	690
M358678		2.10	17.45	0.14	1.3	0.190	3.79	7.2	11.2	0.99	1520	4.72	0.05	5.5	2.5	660
M358679		1.68	16.30	0.15	1.3	0.106	3.84	6.6	16.3	0.78	649	4.25	0.06	5.6	2.5	720
M358680		1.91	16.80	0.17	1.5	0.206	3.58	9.4	10.1	0.92	1000	3.51	0.05	6.1	2.3	600
M358681		3.16	14.65	0.15	1.2	0.410	3.93	6.9	7.0	0.77	1450	8.25	0.05	5.5	2.0	660
M358682		0.50	0.51	0.09	<0.1	<0.005	0.10	0.6	2.2	13.20	223	0.17	<0.01	0.5	1.5	190
M358683		2.45	13.50	0.15	1.6	0.477	4.08	6.9	6.8	0.64	1190	11.45	0.06	5.8	1.6	610
M358684		2.58	11.80	0.15	1.6	0.252	3.56	6.5	6.3	0.45	468	10.20	0.06	5.2	1.3	460
M358685		1.66	12.95	0.17	1.9	0.241	3.81	8.3	8.7	0.48	420	7.66	0.07	6.6	1.8	570
M358686		6.54	14.45	0.14	1.0	1.605	2.60	23.8	22.6	0.88	1880	12.25	0.04	5.4	14.9	430
M358687		1.80	15.00	0.16	1.8	0.121	3.61	23.1	11.2	0.75	1050	5.33	0.05	6.0	2.3	520
M358688		3.13	17.40	0.21	1.6	0.095	3.40	54.6	11.2	0.99	3780	40.6	0.03	5.7	2.9	570
M358689		2.60	18.10	0.19	1.7	0.188	3.63	36.7	11.0	0.85	2050	11.60	0.04	6.5	2.5	630
M358690		4.11	16.45	0.19	1.6	0.439	3.38	34.1	8.2	0.81	1650	7.18	0.05	6.5	2.5	530
M358691		3.21	17.00	0.16	1.4	0.178	3.13	25.2	23.1	0.74	1380	11.45	0.49	6.5	2.6	670
M358692		5.20	17.20	0.19	1.2	1.340	3.56	31.4	6.8	0.52	1990	9.08	0.04	4.2	3.3	580
M358693		2.67	17.35	0.20	1.6	0.252	3.90	37.2	8.4	0.88	1240	14.35	0.06	5.7	3.8	660
M358694		2.61	17.05	0.21	1.4	0.245	3.79	37.2	8.1	0.85	1220	12.55	0.06	5.8	2.8	650
M358695		2.24	17.05	0.20	1.2	0.239	3.69	34.8	7.5	1.09	936	13.00	0.05	5.1	2.9	660
M358696		1.74	15.10	0.15	1.6	0.314	3.78	14.8	7.4	0.69	870	6.19	0.06	6.3	1.7	660
M358697		3.62	16.20	0.15	1.4	0.780	3.75	7.5	6.2	0.34	981	37.0	0.05	6.3	1.9	610
M358698		3.56	14.40	0.15	1.6	0.442	3.65	10.3	5.2	0.34	256	4.85	0.05	4.9	2.2	580
M358699		5.74	16.50	0.17	1.3	0.294	3.72	26.2	5.1	0.32	198	14.20	0.05	4.9	2.4	610
M358700		14.85	15.30	0.19	1.3	4.30	2.82	17.3	3.6	0.23	136	16.70	0.04	4.4	4.1	450
M358701		5.66	17.70	0.21	1.4	0.368	3.55	27.5	5.3	0.40	652	24.7	0.04	6.0	4.0	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210744

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358666		307	186.5	<0.002	2.35	8.89	10.3	2	3.7	102.0	0.47	0.35	12.8	0.180	2.91	4.5
M358667		20.3	115.0	<0.002	0.13	7.09	9.9	1	1.6	291	0.59	<0.05	11.0	0.276	1.66	3.4
M358668		18.9	125.0	<0.002	0.34	4.57	10.2	1	1.6	268	0.60	<0.05	10.4	0.279	2.10	3.3
M358669		18.5	107.5	<0.002	0.23	7.84	8.5	<1	1.7	237	0.66	0.14	11.8	0.259	2.06	4.3
M358670		20.0	124.5	<0.002	0.38	8.13	9.5	1	1.8	234	0.69	0.08	12.2	0.266	2.49	4.6
M358671		21.8	145.5	<0.002	0.21	6.46	6.3	1	1.3	169.0	1.06	<0.05	22.3	0.165	2.06	6.4
M358672		2800	156.0	0.004	4.69	87.7	7.3	1	7.8	89.4	0.48	0.45	10.9	0.182	2.40	5.7
M358673		134.0	184.0	0.003	1.22	7.93	7.5	1	1.9	101.5	0.75	0.08	20.3	0.170	2.65	6.9
M358674		2850	197.5	0.004	4.40	30.3	7.6	1	4.5	85.2	0.44	0.22	13.0	0.162	2.90	3.3
M358675		13.7	3.2	0.002	0.01	0.30	0.3	<1	<0.2	45.2	<0.05	<0.05	0.2	<0.005	0.04	0.7
M358676		161.5	261	<0.002	1.34	5.33	10.4	1	3.3	52.2	0.43	1.50	12.9	0.213	3.69	3.6
M358677		537	248	<0.002	3.84	40.5	11.7	2	6.0	32.2	0.50	0.73	11.8	0.278	3.28	3.9
M358678		68.0	204	<0.002	0.69	6.58	11.0	1	2.5	129.0	0.45	4.45	12.0	0.235	3.34	4.1
M358679		33.6	222	0.003	0.60	5.74	11.3	3	2.8	79.9	0.45	0.32	12.7	0.235	3.30	4.3
M358680		18.7	195.0	<0.002	0.40	5.80	9.4	1	2.4	121.0	0.55	0.19	16.0	0.214	3.10	4.9
M358681		166.0	220	0.004	1.93	5.31	9.3	2	4.9	69.6	0.40	0.49	11.8	0.240	3.15	3.5
M358682		3.4	9.7	0.002	0.01	0.11	0.2	1	0.3	48.1	0.05	<0.05	<0.2	<0.005	0.09	0.8
M358683		157.5	239	0.004	1.41	5.41	8.9	2	6.5	53.2	0.54	0.33	18.1	0.203	3.42	3.8
M358684		171.0	198.5	0.005	1.85	9.03	6.7	2	4.8	31.0	0.59	0.49	20.4	0.153	2.93	5.2
M358685		124.0	234	0.002	0.75	7.20	9.3	1	3.9	41.6	0.67	0.20	20.5	0.196	3.24	5.5
M358686		2790	173.0	0.003	4.65	90.8	7.7	1	8.1	93.2	0.46	0.39	11.5	0.182	2.39	5.9
M358687		104.0	222	0.005	0.55	9.84	8.7	1	1.6	101.0	0.63	0.12	19.1	0.202	3.18	6.3
M358688		937	233	0.004	1.81	9.72	9.8	2	3.3	107.5	0.52	0.17	15.4	0.218	3.55	5.5
M358689		324	210	0.009	0.86	13.15	10.7	2	3.2	136.0	0.55	0.11	14.2	0.238	3.39	5.1
M358690		2000	218	0.011	2.48	22.8	9.7	1	6.2	93.1	0.66	0.40	17.7	0.221	2.96	6.4
M358691		146.5	161.0	0.022	0.84	7.38	10.9	1	2.6	168.5	0.56	0.14	12.2	0.279	2.47	3.8
M358692		3120	230	0.010	4.47	25.6	11.1	2	7.4	31.4	0.40	0.30	12.5	0.204	3.21	2.9
M358693		103.5	252	0.050	0.89	7.65	11.4	1	3.3	119.0	0.48	0.13	15.0	0.231	3.50	5.4
M358694		109.0	239	0.036	0.88	7.56	10.9	2	3.3	114.5	0.46	0.12	14.3	0.226	3.38	5.2
M358695		20.1	204	0.028	0.44	4.48	10.7	1	2.3	177.5	0.38	0.06	10.9	0.225	3.32	4.7
M358696		57.2	251	0.011	0.50	7.52	11.1	1	2.9	84.7	0.48	<0.05	15.0	0.246	3.41	5.7
M358697		645	223	0.007	3.28	29.0	10.6	1	7.0	16.1	0.47	0.70	12.0	0.243	2.78	3.5
M358698		1575	238	0.003	3.52	16.80	9.7	3	9.6	20.8	0.54	3.46	15.4	0.194	2.98	6.6
M358699		1135	225	0.004	5.89	13.30	10.0	2	14.0	25.7	0.45	2.62	13.7	0.216	2.94	3.2
M358700		1415	179.0	0.002	>10.0	24.8	8.3	4	15.8	14.7	0.34	6.60	8.3	0.174	2.12	2.5
M358701		1385	217	0.005	5.85	6.44	10.6	2	12.4	27.9	0.46	1.94	11.6	0.233	2.63	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210744

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358666		65	3.0	12.6	1120	32.2	3
M358667		76	2.5	13.3	59	37.8	1
M358668		77	3.1	13.9	50	35.7	<1
M358669		68	2.5	12.8	60	37.2	1
M358670		71	2.6	14.1	57	38.5	1
M358671		43	1.9	14.1	37	48.5	1
M358672		56	5.0	9.3	5410	24.5	25
M358673		47	2.8	13.3	446	41.2	1
M358674		54	4.5	8.9	3670	29.5	17
M358675		2	0.1	0.9	20	0.8	<1
M358676		74	3.5	12.1	248	33.3	4
M358677		86	7.5	8.5	957	35.8	19
M358678		93	4.3	9.7	109	34.8	8
M358679		87	3.9	11.5	62	34.4	1
M358680		77	4.3	9.3	58	39.9	1
M358681		80	5.4	10.8	513	32.3	2
M358682		2	0.2	0.9	20	0.5	<1
M358683		55	5.5	12.2	233	42.8	2
M358684		45	5.5	8.8	139	38.6	2
M358685		52	4.0	9.5	147	49.5	1
M358686		56	5.3	10.0	5440	25.3	25
M358687		63	3.3	10.9	125	41.8	1
M358688		68	3.6	15.8	1560	40.8	4
M358689		74	3.4	15.5	660	43.5	3
M358690		64	3.8	11.9	1940	42.9	10
M358691		81	4.4	13.7	158	35.3	1
M358692		84	5.8	8.3	5400	31.8	13
M358693		77	3.2	15.8	148	39.2	1
M358694		76	3.2	15.8	150	39.6	1
M358695		82	3.0	13.2	65	33.1	1
M358696		77	6.5	12.0	74	40.4	1
M358697		74	10.2	6.5	2830	36.6	7
M358698		71	7.4	6.6	2320	38.9	32
M358699		71	7.8	7.6	1230	31.9	21
M358700		59	6.8	7.4	6170	29.3	29
M358701		78	7.2	7.5	1470	37.5	11

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210744

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210745

Project: Klaza-123

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

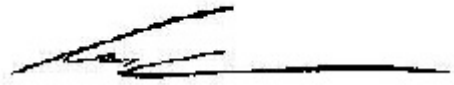
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210745

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358702		2.68	0.724	11.75	5.63	328	570	1.15	3.77	0.83	55.9	44.3	42.2	6	6.58	60.1
M358703		7.75	0.013	0.55	7.10	29.6	1560	1.73	0.45	2.72	0.36	55.0	5.8	23	26.8	11.7
M358704		2.51	0.316	4.92	6.46	129.5	480	1.79	3.09	3.67	25.7	47.3	8.9	12	18.15	92.2
M358705		6.66	0.027	0.52	6.41	25.1	1720	1.56	0.62	4.48	0.55	44.8	5.3	22	26.3	28.0
M358706		6.41	<0.005	0.08	6.54	25.3	2320	1.74	0.18	3.56	0.15	46.0	5.2	24	33.8	8.0
M358707		7.55	<0.005	0.14	7.39	21.8	1480	1.82	0.29	2.71	0.10	58.5	5.7	28	34.6	12.9
M358708		2.94	0.014	0.80	7.48	33.7	2740	1.57	0.85	2.52	0.53	65.4	15.8	7	24.6	19.8
M358709		5.88	0.005	0.47	7.20	16.5	3200	1.66	0.56	2.40	0.78	80.2	8.0	8	13.75	3.5
M358710		<0.02	0.005	0.47	7.28	16.3	3230	1.38	0.61	2.44	0.78	80.9	8.5	7	14.00	3.6
M358711		5.83	0.036	2.97	7.04	113.5	2120	1.37	0.68	2.09	5.46	57.6	6.9	7	11.65	18.1
M358712		2.39	0.192	42.0	6.35	962	230	1.18	3.54	0.99	29.9	14.95	6.1	7	11.20	50.2
M358713		4.28	<0.005	0.26	0.08	<5	70	0.06	0.02	21.6	0.09	1.17	0.5	<1	0.15	1.6
M358714		5.92	<0.005	0.48	7.78	13.6	1930	1.29	0.49	1.82	0.93	26.1	5.5	8	7.57	2.1
M358715		6.21	0.005	0.55	7.10	18.6	1870	1.47	0.73	2.66	0.69	37.3	5.0	8	9.67	8.2
M358716		4.05	0.045	1.65	7.06	137.5	1180	1.21	1.22	0.79	2.61	39.0	12.6	12	6.64	26.7
M358717		3.28	0.437	6.84	6.94	273	640	1.25	4.65	1.60	5.27	32.3	14.1	11	8.35	333
M358718		5.37	0.037	1.14	6.96	148.0	1610	1.20	1.04	1.27	1.56	36.4	10.0	10	8.53	34.9
M358719		2.87	<0.005	0.17	7.49	28.9	1480	1.90	0.08	3.81	0.21	101.5	14.7	134	9.44	16.8
M358720		0.26	2.30	25.9	5.61	2650	800	1.30	20.1	2.17	76.1	40.6	9.7	17	13.30	427
M358721		2.72	0.017	0.80	6.99	37.3	2920	1.62	1.24	3.11	0.34	53.9	13.4	8	13.50	20.5
M358722		2.55	0.008	0.28	7.20	33.3	1300	1.90	0.59	2.69	0.23	49.2	5.7	12	16.60	10.3
M358723		3.00	0.014	0.44	6.66	42.4	2340	1.61	0.39	2.78	0.42	47.0	5.3	24	13.40	13.6
M358724		1.24	0.022	0.50	7.03	47.8	1920	1.59	0.47	2.58	0.60	52.1	6.1	23	14.00	18.9
M358725		2.69	0.887	11.60	6.58	329	2250	1.62	15.65	2.36	9.75	49.5	10.0	16	13.40	331
M358726		4.03	<0.005	0.03	0.07	11	30	0.06	0.03	22.3	0.06	1.21	0.5	<1	0.17	1.9
M358727		6.78	<0.005	0.31	6.80	44.9	1520	1.92	0.16	3.23	0.16	51.2	5.8	25	18.25	11.7
M358728		7.38	0.014	0.55	7.19	49.1	1790	1.84	0.90	2.86	0.22	54.9	7.2	24	17.85	43.9
M358729		0.26	4.08	>100	5.03	6760	210	1.19	66.6	1.96	221	28.6	8.8	16	10.70	1275
M358730		2.59	0.011	0.24	7.46	32.7	1170	2.06	0.70	2.38	0.10	49.0	7.3	19	23.1	13.0
M358731		3.93	0.046	1.36	7.22	118.5	1380	1.65	2.40	2.73	0.51	43.2	16.0	8	18.65	74.0
M358732		2.54	0.006	0.18	7.10	42.8	2500	2.01	0.44	3.08	0.13	47.3	7.3	15	16.90	15.9
M358733		2.92	0.050	1.57	7.02	370	1080	1.64	2.87	1.91	0.51	52.2	13.0	9	12.70	180.0
M358734		3.02	1.140	11.65	4.97	764	750	1.20	26.0	1.38	4.92	29.3	43.4	10	8.93	175.5
M358735		2.65	0.020	0.15	7.08	51.0	1470	2.07	1.14	3.58	0.13	47.2	7.3	14	22.1	24.2
M358736		6.29	<0.005	0.10	7.08	24.7	1970	2.17	0.18	3.50	0.15	47.3	6.2	16	29.8	12.4
M358737		2.61	<0.005	0.15	6.82	53.7	3500	1.70	0.18	2.97	0.19	47.3	5.7	16	18.35	8.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210745

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358702		4.56	13.45	0.13	1.2	1.200	2.81	21.8	10.9	0.43	1440	11.50	0.04	4.3	3.9	450
M358703		2.08	17.65	0.15	3.2	0.039	2.83	27.2	19.2	0.86	527	1.42	0.07	8.4	15.8	680
M358704		4.39	16.00	0.13	2.1	0.564	2.51	24.6	40.6	0.86	1920	6.69	0.04	6.2	13.1	550
M358705		2.16	16.45	0.13	3.2	0.035	2.68	23.7	19.5	1.39	687	1.15	0.07	7.9	15.6	650
M358706		2.20	18.30	0.14	3.1	0.032	3.22	21.7	44.1	0.93	434	0.59	0.70	8.7	16.9	700
M358707		2.06	18.85	0.14	4.1	0.026	2.95	30.3	22.9	0.95	415	0.94	0.15	9.1	21.7	650
M358708		3.03	17.80	0.14	1.4	0.159	3.25	35.5	13.7	0.98	961	2.05	0.04	6.9	7.4	690
M358709		2.65	15.60	0.16	1.2	0.141	3.48	40.9	9.0	1.03	1040	1.96	0.04	5.2	3.8	590
M358710		2.67	15.75	0.17	1.3	0.143	3.52	41.2	9.1	1.05	1050	2.16	0.04	5.2	3.7	630
M358711		2.23	14.20	0.16	1.3	0.087	3.43	31.1	8.3	0.89	1880	2.49	0.04	5.5	3.4	610
M358712		4.72	13.65	0.10	1.2	0.312	3.02	7.4	11.0	0.53	1870	3.11	0.03	4.4	4.0	560
M358713		0.45	0.21	0.08	<0.1	0.009	0.03	0.6	0.9	13.20	199	0.41	<0.01	0.1	1.5	310
M358714		1.00	15.60	0.16	1.4	0.040	4.13	12.0	7.0	0.57	878	2.24	0.06	7.6	2.4	710
M358715		1.39	14.30	0.14	1.2	0.042	3.55	16.3	11.7	0.70	529	0.53	0.14	5.3	2.6	640
M358716		2.01	15.55	0.14	1.3	0.136	3.63	19.3	5.9	0.44	717	1.38	0.05	5.6	3.1	620
M358717		3.19	15.40	0.12	1.6	0.277	3.42	16.1	6.1	0.64	1040	3.17	0.05	5.4	4.5	550
M358718		2.12	16.05	0.11	1.5	0.145	3.58	17.3	10.0	0.49	448	10.05	0.06	5.9	3.2	610
M358719		5.16	18.65	0.18	7.0	0.062	1.91	46.5	40.6	1.37	1220	2.03	0.33	29.0	37.5	3200
M358720		6.34	13.20	0.14	1.0	1.495	2.58	22.1	22.9	0.88	1840	12.65	0.04	5.5	14.9	420
M358721		3.11	15.70	0.15	1.4	0.201	3.16	27.1	27.7	0.97	1070	6.87	0.07	5.8	5.6	600
M358722		3.11	16.35	0.14	1.9	0.071	2.05	25.0	96.8	0.87	559	1.51	0.22	7.4	7.1	620
M358723		2.34	17.00	0.14	3.0	0.041	1.86	23.0	310	0.99	629	1.54	0.17	8.2	14.1	680
M358724		2.44	17.70	0.14	3.2	0.038	1.90	25.4	328	0.94	593	2.99	0.17	8.5	14.0	730
M358725		5.11	16.55	0.11	2.5	0.294	2.10	24.7	147.0	0.94	1500	3.94	0.13	7.0	14.4	540
M358726		0.49	0.21	0.09	<0.1	0.006	0.03	0.6	1.6	13.70	231	0.11	<0.01	0.2	1.6	230
M358727		2.13	18.05	0.16	3.5	0.024	1.89	24.7	265	1.13	591	0.91	0.21	8.9	17.1	720
M358728		2.41	18.85	0.15	3.3	0.030	2.08	28.5	261	1.04	535	4.61	0.18	8.5	16.3	750
M358729		7.89	12.65	0.08	1.0	4.57	2.24	13.6	31.3	0.62	3120	15.40	0.08	5.4	13.9	440
M358730		2.19	19.50	0.12	3.4	0.033	1.62	24.3	319	1.01	443	1.63	0.31	8.4	11.4	850
M358731		3.65	16.05	0.09	1.4	0.117	2.42	23.3	119.0	1.12	846	2.38	0.17	7.3	4.4	680
M358732		2.84	18.50	0.13	2.8	0.040	1.88	23.8	221	1.24	724	1.18	0.26	7.8	6.9	820
M358733		4.17	15.65	0.11	1.3	0.236	2.85	28.2	76.2	0.98	649	4.61	0.08	6.4	3.9	590
M358734		12.60	12.20	0.10	1.0	0.209	2.09	13.8	24.3	0.64	804	4.74	0.05	4.4	4.7	400
M358735		3.01	17.55	0.10	2.6	0.049	2.42	23.7	93.8	1.33	769	1.83	0.16	7.6	6.7	740
M358736		2.70	18.65	0.12	3.3	0.032	2.12	23.6	86.3	1.39	653	1.01	0.15	7.5	7.3	820
M358737		2.36	17.20	0.11	3.2	0.033	1.91	23.6	291	1.25	798	0.91	0.17	6.9	7.2	760

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210745

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358702		3720	168.0	0.003	4.61	10.35	8.0	1	8.5	58.0	0.37	0.61	9.6	0.165	2.42	3.1
M358703		35.1	96.7	<0.002	0.17	4.44	5.5	1	2.0	388	0.66	<0.05	10.4	0.268	1.84	4.0
M358704		1170	135.0	<0.002	2.57	16.50	8.1	1	6.3	379	0.51	0.51	9.9	0.224	2.29	3.8
M358705		97.2	75.8	<0.002	0.14	6.14	4.8	<1	1.8	418	0.64	<0.05	8.8	0.255	1.60	3.8
M358706		19.0	86.2	<0.002	0.03	3.42	5.2	1	1.6	690	0.67	<0.05	8.3	0.275	1.78	3.3
M358707		16.6	97.8	<0.002	0.10	4.58	5.5	1	1.8	338	0.72	<0.05	11.2	0.269	1.92	4.5
M358708		48.0	186.5	<0.002	0.53	7.23	11.0	1	2.5	150.5	0.59	<0.05	13.5	0.272	2.96	3.4
M358709		55.3	197.5	<0.002	0.29	5.51	9.4	1	1.8	131.5	0.46	0.05	12.5	0.223	2.77	2.9
M358710		50.4	208	<0.002	0.30	5.55	9.6	1	1.8	132.5	0.46	0.07	12.7	0.223	2.87	3.0
M358711		368	224	<0.002	0.75	14.80	9.2	1	1.9	102.0	0.47	<0.05	11.7	0.216	2.90	4.6
M358712		>10000	226	<0.002	4.72	39.3	10.1	<1	7.1	35.6	0.36	0.06	10.9	0.173	2.83	5.1
M358713		14.6	1.7	<0.002	<0.01	0.14	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M358714		65.2	236	<0.002	0.21	16.45	11.2	1	2.1	56.8	0.60	<0.05	13.3	0.282	2.85	4.6
M358715		68.0	180.0	<0.002	0.26	9.96	9.5	1	1.5	146.0	0.41	<0.05	10.6	0.217	2.57	3.6
M358716		264	197.0	<0.002	1.06	17.90	10.6	1	3.8	30.4	0.43	0.07	11.8	0.231	2.06	4.1
M358717		257	189.5	<0.002	2.08	35.7	9.1	1	6.0	62.6	0.48	0.26	11.8	0.207	2.07	4.2
M358718		137.5	185.0	0.002	1.08	23.2	9.9	<1	4.2	59.1	0.47	0.07	12.0	0.217	1.96	4.1
M358719		15.2	34.6	<0.002	0.07	14.30	12.2	1	2.0	150.5	1.37	<0.05	6.5	0.843	0.90	2.5
M358720		2760	147.5	<0.002	4.56	90.6	7.2	1	7.8	83.1	0.46	0.46	10.2	0.173	2.34	4.9
M358721		30.4	183.0	<0.002	0.32	10.45	9.3	1	2.7	177.0	0.46	0.25	11.1	0.231	2.59	4.4
M358722		26.4	93.3	<0.002	0.17	7.20	9.3	1	1.5	202	0.62	0.08	12.2	0.268	1.53	4.0
M358723		35.8	54.8	<0.002	0.20	6.14	5.7	<1	1.7	290	0.66	<0.05	9.4	0.264	1.26	3.4
M358724		40.5	61.4	0.003	0.27	7.08	5.7	1	1.8	303	0.69	<0.05	10.2	0.271	1.24	3.6
M358725		553	92.9	0.003	3.70	46.1	7.8	1	5.1	176.5	0.56	0.42	10.3	0.231	1.59	3.8
M358726		1.5	1.2	0.002	<0.01	0.13	0.2	1	0.2	45.3	<0.05	<0.05	<0.2	0.005	<0.02	0.6
M358727		31.5	54.2	0.003	0.16	4.93	5.9	<1	1.6	303	0.66	<0.05	8.8	0.277	1.43	3.9
M358728		120.0	70.2	0.006	0.48	6.96	6.7	<1	1.7	276	0.66	0.07	9.6	0.285	1.59	4.9
M358729		9690	119.0	0.003	7.02	223	7.2	1	8.6	114.0	0.39	0.47	7.3	0.185	2.18	4.9
M358730		11.6	47.1	0.002	0.39	5.08	8.9	1	1.6	288	0.60	0.06	7.6	0.343	1.42	4.0
M358731		35.5	88.4	0.003	1.17	13.50	11.7	1	2.9	186.0	0.56	0.18	10.0	0.282	1.97	4.9
M358732		11.6	51.6	0.003	0.42	5.90	9.5	1	1.5	264	0.53	0.06	6.9	0.317	2.11	4.0
M358733		43.2	164.0	0.002	1.86	23.7	11.0	1	5.8	106.5	0.49	0.39	10.7	0.246	2.31	4.0
M358734		234	109.0	0.005	>10.0	25.4	7.6	2	6.2	67.6	0.34	2.04	7.0	0.168	1.68	3.2
M358735		9.5	69.2	0.003	0.42	5.92	10.0	1	1.7	226	0.55	<0.05	8.4	0.301	1.84	3.7
M358736		10.4	60.8	0.002	0.13	6.68	9.0	<1	1.4	282	0.54	<0.05	6.7	0.321	1.60	3.9
M358737		9.3	54.9	0.004	0.25	4.02	8.7	1	1.3	233	0.51	<0.05	7.2	0.305	1.78	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210745

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M358702		60	6.1	7.9	4180	30.5	12		
M358703		50	1.6	10.6	74	110.5	1		
M358704		64	3.4	9.3	2160	66.2	5		
M358705		50	1.1	9.7	104	110.0	1		
M358706		51	0.9	9.9	62	107.0	<1		
M358707		51	1.2	11.2	52	149.0	<1		
M358708		85	2.7	15.3	103	42.0	1		
M358709		75	4.3	10.6	133	33.0	1		
M358710		76	4.6	10.9	132	34.5	1		
M358711		73	10.1	9.9	576	32.7	3		
M358712		73	13.7	6.9	2640	32.6	42	1.420	
M358713		2	0.1	0.7	18	<0.5	<1		
M358714		82	14.8	10.8	90	39.3	<1		
M358715		75	12.2	9.3	98	30.4	1		
M358716		77	12.5	9.1	235	31.6	2		
M358717		69	9.8	8.3	441	43.3	7		
M358718		72	11.0	7.9	152	40.5	1		
M358719		117	5.3	22.9	111	286	1		
M358720		53	5.0	9.0	5220	23.3	27		
M358721		70	3.8	10.7	89	40.3	1		
M358722		68	1.8	12.4	78	56.7	<1		
M358723		55	1.6	10.2	100	100.5	1		
M358724		54	1.7	10.6	115	103.5	<1		
M358725		55	2.8	12.4	669	88.6	12		
M358726		1	0.1	0.8	15	0.6	<1		
M358727		51	1.3	10.7	75	123.5	<1		
M358728		56	3.3	12.1	66	113.5	1		
M358729		52	4.3	8.2	>10000	31.9	123		1.680
M358730		79	1.8	12.7	62	118.5	1		
M358731		78	2.9	13.1	98	42.1	2		
M358732		79	2.2	13.8	71	96.1	<1		
M358733		71	4.2	10.5	97	35.9	1		
M358734		50	4.2	8.4	411	33.3	11		
M358735		78	1.8	14.0	51	82.6	<1		
M358736		79	1.0	13.2	63	110.5	<1		
M358737		75	1.7	12.8	58	102.5	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210745

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210746

Project: Klaza-123

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

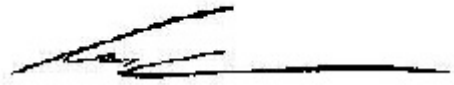
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210746

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358738		3.05	0.312	3.21	6.05	1590	1030	1.45	3.37	3.59	4.38	41.5	10.5	8	15.45	45.3
M358739		2.48	<0.005	0.03	0.06	<5	20	0.05	0.03	20.5	0.08	0.92	0.6	<1	0.17	2.7
M358740		2.96	0.009	0.23	7.26	14.5	1830	1.28	0.39	1.32	0.18	35.0	5.0	8	9.83	16.0
M358741		2.60	0.013	0.37	6.57	36.6	1750	1.37	0.99	2.46	0.17	39.0	6.2	7	12.20	132.5
M358742		2.68	0.007	0.19	6.78	11.9	2170	1.50	0.51	2.60	0.11	39.3	5.9	8	12.00	26.4
M358743		2.84	0.008	0.22	6.35	19.4	2040	1.51	0.28	3.01	1.07	36.0	6.7	8	11.40	17.8
M358744		2.19	0.018	1.72	7.24	24.4	1830	1.47	0.80	2.15	8.37	43.9	6.1	8	11.80	146.0
M358745		2.55	0.036	1.41	7.10	37.1	1510	1.49	2.92	1.57	0.66	46.3	5.9	7	14.50	96.3
M358746		3.00	0.015	0.63	7.11	23.8	2770	1.49	1.06	2.40	0.19	46.8	8.4	8	12.65	98.9
M358747		2.73	<0.005	0.14	7.08	6.0	2140	1.67	0.23	2.73	0.12	44.9	5.6	9	10.80	5.1
M358748		2.40	0.006	0.29	6.89	20.1	2010	1.57	0.60	2.85	0.19	43.4	6.8	8	18.20	16.9
M358749		6.63	<0.005	0.21	7.11	8.0	2000	1.56	0.29	2.48	0.13	45.8	6.3	9	9.57	19.4
M358750		0.28	2.37	24.5	5.56	2940	1340	1.46	19.35	2.06	73.2	42.0	9.9	17	13.60	432
M358751		2.27	0.016	0.65	7.02	13.1	2140	1.53	0.70	2.72	0.29	42.4	7.4	9	8.87	40.9
M358752		2.40	<0.005	0.16	7.16	6.5	2080	1.49	0.17	2.55	0.12	43.5	6.1	10	7.95	7.9
M358753		2.57	0.045	1.13	7.37	85.8	1200	1.45	1.63	2.05	1.12	52.5	5.5	7	8.79	81.5
M358754		2.31	<0.005	0.02	0.14	<5	20	0.13	0.47	20.4	0.06	1.24	0.6	<1	0.22	2.0
M358755		2.84	<0.005	0.49	6.49	10.3	2150	1.50	0.23	2.59	0.14	40.3	7.1	9	6.66	36.2
M358756		3.68	0.006	0.89	6.88	19.4	2030	1.73	0.39	2.59	0.22	46.2	9.5	10	7.00	85.2
M358757		3.61	0.011	0.64	6.98	18.4	2120	1.62	0.31	2.35	0.20	43.7	9.4	10	7.06	66.2
M358758		<0.02	0.010	0.64	7.02	17.2	2120	1.53	0.34	2.40	0.22	49.4	9.1	10	7.04	67.4
M358759		7.34	0.024	0.68	7.03	17.7	2230	1.42	0.32	2.58	0.75	42.6	7.6	11	7.58	71.5
M358760		4.70	0.012	0.66	7.39	11.2	2190	1.60	0.38	2.82	0.14	45.2	6.5	9	8.73	93.4
M358761		2.55	<0.005	0.07	7.82	13.6	3890	1.81	0.20	3.41	0.13	56.4	7.5	20	16.65	11.1
M358762		0.29	0.792	9.28	6.82	1830	250	1.41	6.43	1.88	41.3	42.8	16.3	20	15.50	108.5
M358763		6.19	<0.005	0.12	7.98	12.8	1730	2.01	0.19	3.22	0.17	53.7	7.2	20	18.20	11.4
M358764		2.57	0.018	0.50	8.04	30.5	3030	1.62	0.66	1.90	0.37	40.8	5.7	9	18.95	22.1
M358765		3.03	0.005	0.54	8.45	8.5	2280	1.36	0.48	1.64	0.19	43.7	8.2	9	11.35	57.3
M358766		1.23	0.005	0.43	8.32	8.7	2190	1.23	0.39	1.70	0.21	45.7	7.2	9	10.45	47.3
M358767		2.11	0.006	0.23	8.11	15.5	3060	1.40	0.60	0.96	0.17	41.2	12.0	10	10.85	15.5
M358768		4.84	0.005	0.18	7.88	8.6	2200	1.38	0.49	2.47	0.17	49.8	8.8	10	10.85	11.2
M358769		2.61	<0.005	0.21	8.03	7.7	2630	1.13	0.72	2.54	0.19	46.7	2.2	9	9.54	12.2
M358770		2.28	0.021	0.36	7.96	18.5	1990	0.94	0.79	3.36	0.60	66.3	6.6	7	15.50	15.0
M358771		3.01	<0.005	0.12	7.62	4.4	2310	1.09	0.14	2.74	0.15	49.1	7.8	10	10.75	7.0
M358772		2.02	0.010	0.46	7.65	16.9	2990	1.32	0.76	2.59	0.46	49.0	9.4	10	12.65	28.7
M358773		7.54	<0.005	0.15	7.86	6.5	2150	1.36	0.29	1.91	0.16	47.5	7.0	9	13.15	17.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210746

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358738		4.07	13.95	0.10	1.6	0.167	1.87	20.8	79.1	1.06	1480	7.64	0.09	6.1	7.5	510
M358739		0.48	0.19	0.11	<0.1	0.006	0.02	0.5	1.4	12.80	207	0.10	0.01	0.1	1.8	190
M358740		2.95	16.80	0.11	1.2	0.063	2.17	16.7	43.0	0.43	612	3.16	0.08	8.0	2.2	660
M358741		2.95	15.25	0.09	1.3	0.150	2.63	18.9	30.6	0.64	710	2.10	0.42	7.2	2.1	580
M358742		3.03	15.85	0.10	1.2	0.081	2.54	19.3	17.4	0.75	616	6.26	1.46	7.5	2.6	610
M358743		2.89	15.60	0.10	1.2	0.056	2.49	17.6	10.9	0.72	633	5.25	1.76	7.4	2.7	570
M358744		3.35	16.15	0.09	1.2	0.126	2.58	22.8	22.9	0.75	796	1.48	0.84	7.5	2.6	630
M358745		3.33	16.10	0.10	1.0	0.113	2.56	25.6	34.9	0.67	890	2.04	0.10	7.3	2.9	600
M358746		3.54	16.10	0.13	1.0	0.144	2.81	23.6	19.1	0.87	776	2.36	1.55	7.6	3.6	620
M358747		2.98	16.20	0.09	1.1	0.047	2.51	23.3	10.6	0.76	586	2.30	2.07	7.6	2.6	630
M358748		3.26	16.35	0.11	1.3	0.094	2.62	21.8	24.7	0.77	766	2.34	1.08	7.6	2.6	590
M358749		2.87	16.35	0.11	1.3	0.078	2.86	24.9	13.7	0.79	583	1.83	2.07	8.2	2.7	580
M358750		6.26	13.50	0.10	1.0	1.580	2.59	22.8	22.8	0.85	1790	12.20	0.04	5.6	14.9	430
M358751		3.02	15.85	0.11	1.2	0.115	2.58	20.5	13.9	0.82	640	2.98	1.97	7.6	2.8	600
M358752		2.96	15.40	0.11	1.1	0.047	2.54	22.6	13.0	0.82	550	1.83	2.21	7.4	2.9	600
M358753		4.26	16.75	0.11	1.0	0.177	3.03	28.6	17.2	0.87	1150	1.37	0.57	7.4	2.6	590
M358754		0.46	0.42	0.12	<0.1	0.006	0.03	0.6	1.3	12.25	209	0.43	0.01	0.3	1.8	240
M358755		2.93	16.10	0.14	1.0	0.074	2.43	20.3	14.3	0.89	644	1.75	2.24	7.6	2.8	600
M358756		3.00	16.50	0.13	1.1	0.078	2.30	22.3	18.1	1.00	629	3.57	2.35	8.3	2.8	630
M358757		2.92	16.30	0.12	1.1	0.060	2.45	23.0	17.3	0.92	563	3.19	2.29	8.0	2.8	600
M358758		2.91	15.75	0.12	1.0	0.063	2.41	24.6	16.4	0.94	572	3.46	2.22	7.5	2.8	590
M358759		2.97	15.80	0.11	1.0	0.072	2.34	20.1	15.8	0.95	579	1.76	2.23	7.3	2.8	620
M358760		3.35	15.90	0.11	1.0	0.091	2.52	23.8	20.4	0.99	650	3.34	2.18	7.7	3.0	700
M358761		2.74	18.35	0.09	3.2	0.032	2.27	28.5	23.7	1.17	669	0.80	2.09	7.5	8.5	860
M358762		5.28	14.80	0.09	1.2	0.983	2.80	22.0	22.1	0.71	2010	11.90	0.26	7.2	15.0	510
M358763		2.93	19.45	0.12	3.2	0.032	2.65	26.6	38.8	1.17	688	1.06	1.16	7.6	8.1	890
M358764		3.58	16.95	0.11	1.1	0.171	2.73	20.8	20.7	0.71	843	0.99	0.61	8.0	2.5	690
M358765		3.89	17.95	0.11	1.1	0.099	2.77	22.0	23.8	0.75	620	1.01	0.85	8.5	2.3	720
M358766		3.83	17.65	0.12	1.0	0.093	2.68	23.2	23.8	0.73	592	1.19	0.84	8.6	2.3	710
M358767		3.33	18.20	0.10	1.0	0.183	2.83	20.7	34.8	0.38	809	1.28	0.09	8.4	2.7	680
M358768		3.45	16.85	0.13	1.1	0.092	2.56	26.6	14.7	0.97	721	2.86	1.67	7.9	2.4	650
M358769		1.71	15.95	0.10	1.2	0.154	3.17	22.5	5.7	0.45	510	4.53	1.56	7.4	1.1	670
M358770		2.74	17.10	0.11	1.1	0.195	2.78	36.3	14.0	0.96	967	3.57	0.20	7.5	2.0	640
M358771		3.14	16.85	0.10	1.1	0.050	2.61	25.6	6.7	0.85	551	1.94	2.11	7.8	2.3	610
M358772		3.35	16.85	0.13	1.1	0.071	2.86	26.0	18.6	0.88	613	1.35	1.70	7.9	1.9	610
M358773		3.29	17.05	0.12	1.3	0.063	2.92	23.9	16.1	0.73	490	4.90	1.46	8.3	1.8	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210746

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358738		204	95.9	0.003	1.96	18.70	9.5	1	3.6	213	0.43	0.27	8.5	0.231	1.52	6.1
M358739		1.7	1.2	0.003	<0.01	0.10	0.1	<1	0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M358740		14.5	70.4	0.004	0.10	9.49	12.1	1	2.0	98.7	0.60	<0.05	9.1	0.296	1.12	2.3
M358741		13.1	101.5	0.003	0.49	14.20	10.0	1	2.2	148.5	0.62	0.08	10.0	0.254	1.92	3.6
M358742		14.1	84.4	0.017	0.20	6.44	10.7	<1	1.7	322	0.56	<0.05	9.6	0.264	1.33	3.1
M358743		34.1	79.1	0.005	0.19	3.29	10.2	1	1.7	354	0.59	<0.05	9.0	0.257	1.24	3.2
M358744		211	96.4	0.002	0.38	6.71	11.6	1	2.5	216	0.59	0.05	10.9	0.282	1.49	3.0
M358745		50.5	129.5	0.005	1.07	10.65	12.3	1	4.4	96.5	0.53	0.07	10.6	0.263	1.79	3.0
M358746		18.1	123.5	0.002	0.31	6.87	12.6	1	2.6	259	0.51	0.14	9.6	0.275	1.82	3.2
M358747		15.0	83.5	0.003	0.02	1.88	11.2	1	1.7	377	0.60	<0.05	10.3	0.274	1.07	3.6
M358748		15.3	100.0	0.004	0.31	4.23	11.0	1	3.1	242	0.64	<0.05	11.2	0.259	1.57	3.6
M358749		16.3	95.1	0.003	0.07	2.04	10.7	1	1.9	335	0.68	<0.05	12.6	0.254	1.19	4.1
M358750		2720	150.5	0.003	4.61	89.5	8.0	1	7.6	84.9	0.43	0.38	9.5	0.177	2.36	4.9
M358751		22.2	88.0	0.003	0.18	2.49	10.7	1	2.0	340	0.56	0.06	9.7	0.262	1.23	3.6
M358752		15.3	91.7	0.003	0.02	1.85	10.9	1	1.9	369	0.57	<0.05	11.1	0.262	1.16	3.8
M358753		102.0	165.5	0.005	1.49	6.04	11.9	<1	8.4	139.0	0.59	<0.05	12.1	0.259	2.11	4.3
M358754		1.3	1.4	0.002	<0.01	0.05	0.2	<1	0.2	49.8	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358755		14.0	75.9	0.004	0.09	1.87	10.8	1	2.7	398	0.57	<0.05	9.4	0.271	1.27	3.5
M358756		15.1	79.7	0.003	0.22	2.49	11.3	1	2.5	439	0.66	0.05	10.3	0.274	1.23	4.0
M358757		20.6	95.6	0.003	0.21	1.60	11.2	2	2.2	434	0.63	<0.05	11.1	0.264	1.25	3.9
M358758		19.9	99.3	0.005	0.21	1.45	11.2	1	2.0	426	0.63	0.05	12.2	0.266	1.23	4.3
M358759		49.4	83.9	0.003	0.12	1.47	11.1	1	2.2	461	0.55	0.05	9.6	0.270	1.13	3.4
M358760		14.5	91.9	0.003	0.11	1.87	12.2	1	2.8	424	0.57	<0.05	10.2	0.304	1.23	3.2
M358761		15.4	76.7	<0.002	0.09	4.81	9.4	1	1.4	521	0.53	<0.05	8.7	0.317	0.96	4.9
M358762		1375	160.0	<0.002	3.06	34.7	8.3	1	6.2	146.5	0.57	0.27	12.0	0.208	2.60	5.4
M358763		17.4	86.1	<0.002	0.05	7.65	9.3	1	1.5	359	0.53	<0.05	8.1	0.327	1.20	4.3
M358764		25.1	132.0	<0.002	0.30	8.73	11.8	1	3.7	183.0	0.62	0.05	11.5	0.289	1.95	3.7
M358765		19.0	98.0	<0.002	0.10	6.43	12.6	1	2.9	237	0.65	0.05	12.0	0.306	1.46	3.1
M358766		19.4	99.0	<0.002	0.07	6.16	12.2	1	2.8	227	0.67	<0.05	12.4	0.315	1.45	2.9
M358767		18.7	122.5	<0.002	0.21	9.79	12.7	1	4.0	93.9	0.66	<0.05	11.4	0.295	1.63	2.6
M358768		17.0	105.5	<0.002	0.12	3.52	11.6	1	2.3	321	0.63	<0.05	12.7	0.277	1.37	4.1
M358769		12.0	163.5	<0.002	0.02	9.69	10.6	1	2.2	333	0.62	<0.05	12.3	0.262	2.37	3.6
M358770		16.9	136.5	<0.002	0.20	8.19	11.3	1	3.4	130.0	0.58	0.08	13.7	0.252	1.91	5.1
M358771		16.3	98.5	<0.002	0.02	2.48	10.4	1	2.2	406	0.65	<0.05	12.4	0.271	1.20	4.5
M358772		38.5	117.5	<0.002	0.20	7.23	10.7	1	2.0	344	0.64	0.07	13.1	0.259	1.57	4.7
M358773		18.2	116.0	<0.002	0.04	5.85	10.7	1	2.4	280	0.76	<0.05	14.0	0.256	1.41	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210746

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358738		64	4.1	13.6	402	53.5	3
M358739		2	0.1	0.7	13	<0.5	<1
M358740		79	6.9	12.2	52	30.8	<1
M358741		68	3.0	13.2	59	29.6	<1
M358742		74	1.9	14.1	45	28.3	<1
M358743		71	1.9	14.4	121	29.4	<1
M358744		79	4.6	15.5	777	28.3	1
M358745		72	4.2	13.9	86	26.7	1
M358746		75	1.6	17.1	72	24.9	<1
M358747		75	2.0	15.1	43	26.4	<1
M358748		71	3.1	15.1	51	31.1	1
M358749		69	1.0	15.6	45	35.3	<1
M358750		52	4.8	9.4	5060	25.4	26
M358751		71	0.9	15.6	60	29.1	1
M358752		73	0.7	15.2	44	25.3	<1
M358753		73	3.7	13.2	121	23.8	1
M358754		3	0.1	1.2	15	<0.5	<1
M358755		76	0.7	15.0	46	24.4	<1
M358756		76	0.8	17.0	54	24.7	1
M358757		72	0.7	15.8	53	24.5	1
M358758		73	0.7	16.2	55	23.5	<1
M358759		75	0.8	16.3	80	23.1	<1
M358760		86	0.8	15.6	57	23.7	<1
M358761		86	1.1	14.5	58	108.5	<1
M358762		59	5.0	11.0	2980	34.2	10
M358763		88	1.1	14.2	64	109.0	<1
M358764		81	2.4	15.7	72	26.6	<1
M358765		89	3.6	16.0	55	24.8	<1
M358766		90	3.7	16.0	57	24.5	<1
M358767		86	10.7	13.7	55	23.6	<1
M358768		80	1.5	17.1	57	24.1	<1
M358769		76	5.0	15.1	35	26.9	<1
M358770		79	2.5	19.1	84	24.9	<1
M358771		79	1.7	16.2	40	25.4	<1
M358772		74	1.8	15.2	58	27.5	<1
M358773		74	5.0	15.2	42	29.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210746

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210747

Project: Klaza-123

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

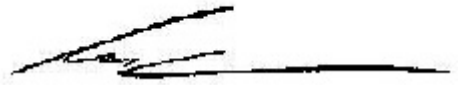
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210747

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358774		4.32	0.031	1.06	7.03	52.4	2470	1.19	1.51	3.44	0.65	53.6	11.4	8	15.85	112.5
M358775		2.44	0.019	1.75	7.44	32.8	2940	1.33	3.04	2.68	0.80	50.1	9.7	8	11.05	112.0
M358776		0.27	4.43	>100	5.38	8370	420	1.13	63.2	1.92	224	34.9	8.7	16	11.95	1280
M358777		6.95	0.008	0.22	7.51	9.4	1980	1.66	1.16	2.36	0.20	50.7	4.6	9	11.20	27.0
M358778		2.20	0.042	0.78	7.58	33.6	2390	1.63	7.57	2.39	0.17	43.7	7.7	9	11.20	79.5
M358779		2.97	5.09	37.4	4.60	8600	140	1.07	71.9	1.59	40.8	31.7	44.1	10	8.29	2210
M358780		2.97	<0.005	0.06	0.09	<5	20	0.05	0.12	20.9	0.09	2.09	1.3	<1	0.20	4.5
M358781		6.86	0.049	0.47	7.07	62.8	690	1.53	0.43	3.19	0.53	63.2	7.1	15	19.05	25.2
M358782		7.52	0.019	0.25	7.47	37.5	1070	1.79	0.19	2.89	0.21	63.7	7.0	15	15.85	20.0
M358783		2.66	0.015	0.47	6.96	35.3	1770	2.03	1.32	2.67	0.32	65.0	6.7	15	22.6	31.6
M358784		3.87	0.481	2.49	6.65	514	770	1.56	1.79	2.60	16.40	40.1	9.1	57	15.10	69.9
M358785		2.38	0.574	4.45	7.17	558	1500	1.54	0.20	3.82	46.4	42.1	10.0	64	13.35	57.5
M358786		3.19	1.885	13.90	6.21	527	610	1.02	36.3	0.74	44.2	35.0	17.9	17	4.19	113.0
M358787		3.20	<0.005	0.05	0.08	<5	40	0.05	0.16	20.6	0.24	1.44	1.1	<1	0.17	1.4
M358788		3.37	0.104	3.31	7.27	84.9	280	1.58	9.10	1.47	1.95	50.6	8.9	6	6.69	103.0
M358789		4.41	0.108	3.43	7.63	131.5	480	1.80	6.83	2.42	1.29	53.6	9.0	6	11.65	169.5
M358790		2.81	0.044	1.99	7.37	65.9	650	1.54	4.54	2.69	1.47	52.6	7.8	7	11.45	83.8
M358791		2.89	0.017	1.14	7.30	58.1	1620	1.61	2.95	3.24	4.81	50.4	5.2	7	16.20	97.1
M358792		3.56	0.018	0.86	7.28	52.8	1090	1.49	2.68	2.74	0.74	45.7	5.9	7	10.75	80.8
M358793		5.06	0.011	0.27	7.96	17.9	1390	1.36	1.74	2.02	0.22	56.5	5.3	8	8.46	40.0
M358794		2.82	0.008	0.29	7.95	15.6	1230	1.35	1.47	1.88	0.22	54.8	4.6	7	8.74	36.8
M358795		2.44	0.012	0.51	7.89	28.0	2400	1.42	1.00	2.78	0.25	55.7	5.9	7	9.31	54.5
M358796		3.17	0.095	1.78	7.52	196.0	1130	1.04	2.07	2.91	1.44	55.4	7.6	7	15.95	212
M358797		2.39	0.009	0.22	6.89	21.3	2830	1.21	0.97	2.27	0.14	48.5	5.1	7	11.70	27.5
M358798		0.27	2.28	24.0	5.65	3200	540	1.18	18.80	2.05	74.4	45.0	11.1	17	15.45	419
M358799		4.12	0.007	0.30	6.98	18.8	1600	1.16	1.19	2.47	0.21	44.3	4.3	7	7.95	28.4
M358800		4.64	0.028	1.03	7.22	50.2	2070	1.44	2.96	2.81	1.93	56.0	4.2	7	13.55	78.3
M358801		2.44	0.343	8.04	6.62	1395	190	1.38	16.90	0.68	0.88	34.7	7.3	8	6.29	93.9
M358802		3.42	0.031	0.44	7.16	53.8	1700	1.82	0.49	2.97	0.20	66.5	10.2	15	16.45	13.5
M358803		<0.02	0.019	0.74	7.11	47.9	1780	1.84	0.43	3.01	0.21	62.0	8.7	16	16.10	13.1
M358804		2.68	1.020	15.05	6.08	5240	80	1.21	49.7	1.18	11.25	38.8	9.2	7	6.90	159.0
M358805		2.41	0.138	4.20	6.91	886	270	1.54	8.47	0.33	6.29	44.5	9.3	7	8.56	103.5
M358806		3.83	0.411	4.83	6.93	1230	260	1.42	8.20	1.45	3.56	51.3	10.4	7	10.85	125.0
M358807		3.26	0.008	0.45	7.31	21.8	2510	1.44	1.81	2.03	0.17	42.7	3.3	7	11.70	60.8
M358808		4.14	0.008	0.27	7.24	14.9	2520	1.72	1.74	2.16	0.18	48.9	4.4	7	10.65	30.2
M358809		2.33	0.015	0.20	7.72	17.4	2250	1.25	1.56	0.91	0.12	40.7	5.5	8	9.31	21.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210747

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358774		3.84	15.25	0.12	1.0	0.201	2.55	30.0	18.0	1.07	1230	6.78	0.07	6.6	2.9	540
M358775		3.65	16.50	0.14	1.2	0.177	3.07	26.2	14.1	0.82	699	5.03	1.54	8.5	3.6	620
M358776		7.90	12.55	0.13	1.0	5.09	2.25	18.0	29.5	0.62	3040	14.00	0.08	5.4	12.7	460
M358777		3.21	15.85	0.11	1.3	0.150	2.73	26.5	14.6	0.79	483	4.72	1.76	8.2	1.8	530
M358778		3.29	16.70	0.12	1.2	0.207	2.80	23.3	18.5	0.82	466	3.18	1.56	8.0	2.3	580
M358779		14.05	11.55	0.25	1.0	1.180	1.96	16.2	11.7	0.47	1340	4.34	0.07	4.9	2.1	470
M358780		0.53	0.32	0.09	<0.1	<0.005	0.04	1.1	1.0	13.25	219	0.17	0.01	0.4	<0.2	180
M358781		2.26	17.25	0.10	3.5	0.028	3.04	33.8	24.8	1.02	2420	1.97	0.04	9.6	5.9	1030
M358782		2.49	18.60	0.12	3.5	0.026	3.24	33.7	54.5	1.04	1270	1.50	0.05	10.2	5.8	1030
M358783		2.28	16.85	0.11	3.3	0.036	2.58	35.0	132.5	1.04	899	2.01	0.09	9.7	5.5	970
M358784		4.21	15.35	0.10	1.7	0.570	2.83	22.6	31.3	1.13	1840	3.06	0.04	6.0	20.7	580
M358785		3.00	16.50	0.10	1.7	0.464	2.92	23.9	28.2	1.44	1320	3.04	0.04	6.6	24.6	650
M358786		9.36	14.00	0.14	0.9	0.657	2.90	17.8	5.3	0.48	655	1.48	0.05	4.3	4.3	450
M358787		0.50	0.30	0.12	<0.1	<0.005	0.03	0.7	1.0	13.05	217	0.12	<0.01	0.3	<0.2	220
M358788		4.87	15.75	0.11	1.3	0.328	3.43	26.9	6.6	0.81	812	3.24	0.05	6.3	1.7	470
M358789		4.38	16.30	0.09	1.1	0.326	3.47	30.1	10.8	1.03	1000	4.92	0.04	7.0	2.3	540
M358790		3.98	15.05	0.09	1.0	0.313	3.35	29.0	11.0	1.02	1280	3.33	0.04	6.6	2.1	550
M358791		3.25	16.25	0.08	1.0	0.314	2.97	26.7	17.2	1.11	1650	2.24	0.05	7.2	1.6	570
M358792		3.43	16.95	0.10	1.1	0.217	2.33	23.1	34.4	0.94	1060	6.55	0.04	7.6	2.7	590
M358793		3.10	17.00	0.09	1.1	0.179	1.21	30.3	102.0	0.77	772	4.16	0.03	8.0	1.7	600
M358794		2.98	16.80	0.09	1.1	0.142	1.15	29.1	110.0	0.71	717	3.66	0.03	8.0	1.4	620
M358795		3.62	17.10	0.11	1.0	0.167	1.60	31.0	67.1	1.04	940	3.43	0.03	7.6	1.3	600
M358796		3.89	16.30	0.10	1.0	0.332	2.75	31.2	18.4	1.05	1460	6.45	0.04	6.8	2.0	580
M358797		3.28	17.60	0.15	1.0	0.080	1.81	22.7	96.4	0.77	887	1.61	0.03	7.7	2.4	570
M358798		6.26	15.40	0.18	0.8	1.625	2.46	22.3	25.1	0.83	1800	13.90	0.04	6.0	14.9	430
M358799		3.07	17.90	0.15	1.1	0.084	1.75	20.1	64.2	0.81	816	8.97	0.05	7.9	2.6	600
M358800		3.13	17.60	0.18	1.1	0.294	2.60	27.7	70.8	1.00	1160	1.89	0.04	7.4	2.7	590
M358801		4.70	17.10	0.15	1.2	0.253	3.19	15.8	8.9	0.42	505	3.34	0.04	6.4	2.9	530
M358802		2.64	19.60	0.20	3.3	0.023	2.76	32.8	87.1	1.09	700	2.06	0.07	10.2	6.2	1030
M358803		2.62	19.90	0.20	3.2	0.025	2.78	29.2	86.1	1.09	712	2.03	0.08	10.4	6.4	1060
M358804		7.34	15.90	0.22	1.0	0.489	2.86	17.6	7.4	0.60	663	1.95	0.04	6.1	2.9	540
M358805		4.51	16.45	0.17	1.0	0.321	3.39	21.0	5.9	0.37	280	2.78	0.05	6.1	2.2	540
M358806		4.70	18.40	0.17	1.0	0.603	3.11	24.7	16.4	0.65	1190	6.83	0.04	7.0	2.8	540
M358807		2.85	18.45	0.15	1.1	0.287	2.81	18.7	30.7	0.62	626	31.9	0.37	8.1	2.5	620
M358808		2.85	17.55	0.17	1.4	0.361	2.62	22.7	26.7	0.68	562	1.12	0.52	7.7	2.2	530
M358809		2.90	19.25	0.14	1.1	0.223	2.37	18.2	29.5	0.45	595	1.25	0.08	8.0	2.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210747

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358774		39.4	138.0	<0.002	0.46	22.9	10.2	1	2.5	149.5	0.58	0.15	13.2	0.230	2.03	4.2
M358775		78.9	142.5	<0.002	0.29	7.26	12.3	1	2.8	275	0.69	0.15	14.0	0.266	2.05	5.1
M358776		9570	132.5	0.002	6.80	220	6.8	2	9.4	119.0	0.43	0.50	9.7	0.181	2.40	6.0
M358777		19.6	126.5	<0.002	0.08	3.48	10.4	1	2.4	317	0.86	<0.05	17.3	0.241	1.52	6.1
M358778		63.1	122.0	<0.002	0.41	5.73	10.6	1	2.9	309	0.75	0.16	15.2	0.252	1.63	6.1
M358779		2980	100.5	<0.002	>10.0	66.0	5.7	3	12.1	90.3	0.36	2.33	8.1	0.160	1.80	6.3
M358780		4.0	2.0	<0.002	0.02	0.18	0.4	1	<0.2	44.6	<0.05	<0.05	0.2	<0.005	<0.02	0.4
M358781		30.5	176.0	<0.002	0.62	11.45	6.8	1	2.0	155.0	0.70	<0.05	9.6	0.277	3.13	5.1
M358782		9.6	167.0	<0.002	0.41	9.72	7.1	1	2.8	137.0	0.69	<0.05	10.0	0.282	3.48	6.2
M358783		18.0	135.0	<0.002	0.31	23.3	7.3	1	1.8	238	0.68	<0.05	10.1	0.270	2.55	8.2
M358784		279	183.5	<0.002	1.84	28.9	8.2	1	8.3	173.0	0.53	<0.05	9.5	0.192	2.58	7.4
M358785		755	168.0	<0.002	0.68	34.5	8.8	1	5.3	290	0.57	<0.05	10.1	0.210	2.45	6.1
M358786		1285	158.5	<0.002	9.74	14.25	8.2	3	13.3	29.7	0.37	1.94	10.8	0.154	2.34	2.8
M358787		5.0	1.7	<0.002	0.02	0.13	0.2	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M358788		138.0	201	<0.002	4.05	18.05	9.0	2	6.8	74.3	0.78	0.41	17.0	0.177	2.91	4.8
M358789		131.0	210	<0.002	3.02	18.10	10.6	2	5.6	109.5	0.62	0.61	15.6	0.220	3.03	15.0
M358790		89.2	201	<0.002	2.49	11.35	10.3	2	5.0	112.5	0.57	0.46	12.6	0.229	2.90	5.5
M358791		88.3	123.5	<0.002	1.16	11.00	10.3	1	3.1	163.5	0.61	0.27	13.1	0.246	2.60	4.0
M358792		34.0	83.1	<0.002	1.46	9.32	10.7	2	3.4	214	0.64	0.27	11.8	0.255	1.93	3.6
M358793		14.9	61.0	<0.002	0.40	11.00	12.1	1	2.7	206	0.72	0.11	14.9	0.263	1.01	2.5
M358794		14.9	54.7	<0.002	0.28	10.20	11.7	1	2.8	220	0.70	0.27	14.4	0.267	0.95	2.2
M358795		19.2	87.2	<0.002	0.75	8.52	11.8	1	4.0	228	0.64	0.11	15.3	0.258	1.34	3.0
M358796		60.9	170.5	<0.002	1.71	25.0	10.4	2	3.4	150.5	0.57	0.24	14.9	0.242	2.28	5.2
M358797		11.9	65.5	<0.002	0.71	8.51	11.3	1	2.8	190.0	0.64	0.12	11.9	0.244	1.23	2.5
M358798		2670	153.0	<0.002	4.38	84.0	8.1	1	7.5	88.4	0.46	0.35	9.7	0.171	2.07	4.7
M358799		16.6	58.6	<0.002	0.47	8.47	11.4	1	2.5	212	0.64	0.15	11.2	0.244	1.13	2.8
M358800		38.7	151.0	<0.002	0.72	12.30	11.6	1	2.9	215	0.65	0.21	13.5	0.239	2.13	4.2
M358801		113.0	188.5	<0.002	4.16	13.85	9.3	1	7.6	31.5	0.55	0.68	11.2	0.201	2.36	4.4
M358802		13.3	128.5	<0.002	0.37	5.41	7.5	1	1.4	205	0.68	0.06	9.5	0.275	2.09	4.4
M358803		11.5	109.5	<0.002	0.30	5.40	7.4	1	1.4	207	0.70	0.05	8.9	0.283	2.13	4.3
M358804		383	168.0	<0.002	6.72	26.0	9.4	2	8.4	35.7	0.49	0.74	9.8	0.198	2.09	3.1
M358805		131.5	199.5	<0.002	3.97	10.10	10.0	1	8.8	19.3	0.52	0.48	11.9	0.203	2.47	2.8
M358806		99.3	180.5	0.002	3.51	17.55	10.8	2	8.0	62.6	0.57	0.54	12.6	0.217	2.33	4.7
M358807		19.8	104.5	0.004	0.40	9.08	11.9	1	2.8	167.0	0.67	0.09	11.5	0.246	1.70	4.6
M358808		13.8	99.9	<0.002	0.37	9.84	10.9	1	3.4	179.0	0.78	0.11	16.2	0.216	1.57	4.6
M358809		12.6	96.5	<0.002	0.68	9.70	12.2	1	3.7	78.0	0.66	0.12	12.4	0.250	1.31	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210747

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M358774		71	2.2	18.1	88	23.3	1	
M358775		81	2.3	19.1	82	28.5	2	
M358776		54	4.3	9.3	>10000	28.9	122	1.630
M358777		68	1.6	16.4	54	28.0	<1	
M358778		73	2.4	16.0	41	26.0	<1	
M358779		47	3.0	8.9	2190	32.1	38	
M358780		2	0.1	0.8	15	<0.5	<1	
M358781		61	2.4	13.6	70	121.5	<1	
M358782		64	3.0	13.6	60	126.5	<1	
M358783		60	2.7	13.6	55	113.0	<1	
M358784		68	3.3	9.7	913	45.3	2	
M358785		77	2.5	10.9	1790	46.8	5	
M358786		58	7.4	7.9	2130	20.5	14	
M358787		2	0.1	0.8	24	<0.5	<1	
M358788		59	4.8	10.3	153	26.8	3	
M358789		67	3.8	15.5	112	26.4	3	
M358790		66	2.3	14.5	130	23.1	2	
M358791		72	2.0	14.8	409	22.8	1	
M358792		78	2.2	13.8	85	23.9	1	
M358793		79	7.3	15.5	59	25.5	<1	
M358794		80	5.0	14.2	57	25.2	<1	
M358795		80	3.4	17.5	59	23.6	<1	
M358796		70	2.9	15.4	139	22.9	2	
M358797		72	2.1	14.3	54	25.2	<1	
M358798		54	5.0	9.7	5220	23.7	26	
M358799		71	4.4	14.3	56	25.7	<1	
M358800		69	2.3	15.2	200	25.6	1	
M358801		61	5.9	6.6	90	33.7	9	
M358802		59	1.3	13.8	60	125.0	<1	
M358803		60	1.4	13.3	61	125.5	<1	
M358804		65	6.2	6.5	929	28.2	16	
M358805		63	6.0	5.6	487	24.5	4	
M358806		65	5.0	10.0	291	24.9	5	
M358807		75	2.7	12.2	58	26.7	1	
M358808		66	2.2	12.4	52	31.8	1	
M358809		71	3.7	12.2	50	26.9	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210747

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210748

Project: Klaza-123

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

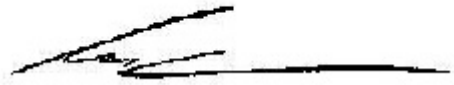
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210748

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358810		3.46	0.041	1.28	7.15	57.3	1130	1.43	3.82	1.83	0.29	52.6	4.3	8	9.96	57.7
M358811		2.05	0.005	0.16	7.55	11.6	3150	1.40	0.75	1.32	0.11	42.9	5.4	8	12.00	10.0
M358812		0.25	2.29	26.7	5.81	3060	1440	1.33	19.10	2.26	81.7	45.2	10.2	19	14.90	445
M358813		5.60	0.009	0.52	6.93	26.8	2500	1.53	2.27	2.21	0.20	41.5	5.0	8	9.93	54.8
M358814		2.96	0.025	1.29	6.96	223	1640	1.48	2.69	2.04	1.04	49.3	5.8	8	11.20	38.3
M358815		3.01	<0.005	0.66	7.16	20.8	1770	1.54	4.47	2.39	0.71	44.2	2.1	8	8.55	62.0
M358816		3.00	0.101	7.99	6.52	189.5	750	1.18	11.80	2.65	17.10	41.2	12.5	8	8.35	127.0
M358817		3.40	<0.005	0.08	0.09	<5	40	0.08	0.06	21.5	0.12	1.37	0.6	<1	0.25	3.3
M358818		1.82	<0.005	0.45	6.89	54.1	1380	2.12	0.41	2.93	0.47	50.4	5.5	31	22.6	16.3
M358819		2.48	0.021	1.07	7.12	36.0	1480	1.28	2.64	2.06	4.14	44.7	4.0	7	8.10	22.9
M358820		2.76	<0.005	0.63	7.11	27.9	1310	1.46	2.11	2.33	0.45	48.9	3.8	7	15.00	22.0
M358821		4.05	<0.005	0.61	6.87	28.7	2510	1.52	1.62	2.39	0.51	53.1	7.1	7	14.70	71.2
M358822		2.79	<0.005	0.25	8.04	7.6	1760	1.37	0.67	0.50	0.19	53.5	5.4	9	10.30	10.3
M358823		5.49	<0.005	0.65	7.16	18.2	1620	1.43	1.38	2.09	0.45	47.1	6.9	8	10.80	34.7
M358824		<0.02	0.006	0.56	7.25	19.0	1640	1.49	1.48	2.09	0.39	48.9	7.4	8	10.40	32.9
M358825		3.69	<0.005	0.51	6.25	22.3	1850	1.37	1.29	3.37	0.40	48.9	5.7	7	9.58	19.1
M358826		5.02	0.023	1.56	5.56	72.7	810	1.58	2.68	2.90	0.74	42.0	14.2	6	26.4	175.5
M358827		2.70	0.010	1.09	7.11	41.6	1920	1.71	2.87	2.66	0.43	48.8	4.5	7	18.20	44.5
M358828		3.47	0.364	29.5	5.37	503	1230	1.23	58.1	3.07	4.43	37.8	13.3	6	10.90	413
M358829		3.22	<0.005	0.10	0.06	<5	20	0.06	0.10	20.8	0.07	1.09	0.7	<1	0.18	1.8
M358830		2.03	<0.005	0.55	5.44	16.2	2640	1.24	1.31	3.52	0.30	41.1	4.9	6	8.99	12.2
M358831		3.21	<0.005	1.13	6.84	15.5	1990	1.59	2.49	2.69	0.47	47.1	9.8	10	9.01	26.7
M358832		7.77	0.040	1.58	7.16	18.5	2280	1.56	4.64	2.96	0.17	51.3	6.2	8	10.10	55.4
M358833		3.16	<0.005	0.85	7.19	99.2	1960	1.56	1.10	2.60	1.46	54.8	2.4	7	10.55	20.7
M358834		4.28	<0.005	0.69	7.14	10.9	2040	1.58	3.87	3.35	0.12	50.6	6.4	8	10.05	60.2
M358835		3.02	<0.005	0.33	6.54	20.6	1710	1.69	0.70	2.39	0.70	47.0	7.1	7	14.35	19.5
M358836		6.04	0.007	0.54	7.29	13.1	2170	1.56	1.58	2.55	0.60	43.8	6.9	9	11.10	43.5
M358837		2.12	<0.005	0.28	7.06	10.3	2030	1.61	0.82	2.50	0.34	40.4	6.4	9	10.40	31.9
M358838		7.91	0.018	0.15	6.92	6.4	2090	1.52	0.48	2.72	0.25	46.5	5.3	10	8.81	14.9
M358839		0.26	0.851	10.80	6.51	1715	1220	1.60	6.59	1.93	43.4	46.4	16.1	19	16.60	111.0
M358840		2.62	0.010	0.43	6.86	12.7	1900	1.61	0.83	2.61	0.32	44.1	6.4	9	7.91	26.9
M358841		5.28	0.005	0.28	7.16	10.3	2040	1.55	0.67	2.49	0.31	48.1	5.6	9	8.26	46.8
M358842		2.97	0.006	0.41	7.19	9.1	2040	1.54	0.76	2.82	0.28	45.9	6.1	10	5.93	53.7
M358843		4.85	<0.005	0.16	7.19	9.4	2190	1.58	0.51	2.76	0.17	48.2	7.6	10	6.62	15.5
M358844		4.13	<0.005	0.13	7.18	5.5	2230	1.61	0.32	2.68	0.15	42.8	6.0	10	6.61	12.6
M358845		2.51	0.012	0.59	7.09	20.1	1780	1.47	1.12	2.31	0.52	44.6	5.9	9	10.20	18.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210748

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358810		4.03	15.75	0.14	1.1	0.289	2.83	28.0	25.9	0.86	979	0.92	0.06	6.4	2.8	560
M358811		3.35	17.15	0.12	1.2	0.108	2.79	20.7	26.4	0.53	520	0.67	0.14	8.1	2.3	620
M358812		6.67	13.80	0.13	1.0	1.725	2.65	23.6	23.7	0.94	1940	13.00	0.04	5.6	15.0	450
M358813		3.21	15.35	0.12	1.1	0.218	2.89	18.9	20.0	0.61	643	1.24	0.76	7.0	2.5	590
M358814		3.80	14.25	0.12	1.1	0.286	3.12	26.6	24.0	0.95	1460	1.55	0.05	6.2	2.5	570
M358815		2.92	15.80	0.11	1.1	0.226	2.44	20.7	58.2	0.92	725	2.32	0.05	7.7	2.4	640
M358816		5.02	13.95	0.10	1.2	0.230	2.26	20.7	37.4	0.99	982	2.78	0.04	6.1	4.8	550
M358817		0.50	0.26	0.06	<0.1	0.005	0.04	0.6	1.2	13.25	218	0.13	<0.01	0.2	1.4	220
M358818		2.20	19.65	0.15	4.0	0.034	2.80	24.9	21.5	0.97	581	1.65	0.05	8.9	21.6	630
M358819		3.72	15.05	0.10	1.0	0.402	2.33	23.0	52.4	0.86	1130	2.14	0.04	6.6	2.3	580
M358820		3.16	15.75	0.13	1.1	0.249	2.01	25.5	71.8	0.91	945	2.86	0.03	7.6	2.2	600
M358821		3.06	14.85	0.11	1.1	0.136	1.84	27.6	52.6	0.91	964	1.62	0.04	6.8	2.8	550
M358822		2.73	16.10	0.14	1.2	0.076	1.78	26.4	55.1	0.34	599	2.28	0.05	8.2	3.0	690
M358823		3.41	15.70	0.12	1.2	0.119	1.81	25.3	57.7	0.81	977	0.68	0.05	7.2	2.5	630
M358824		3.45	16.05	0.13	1.2	0.129	1.82	23.5	63.5	0.81	979	0.70	0.05	7.3	2.5	660
M358825		3.44	13.05	0.10	1.1	0.192	1.79	25.7	52.3	1.24	1080	0.83	0.04	6.0	2.0	500
M358826		3.99	13.05	0.10	0.7	0.417	1.93	23.0	50.8	0.98	1040	0.77	0.05	4.9	3.1	460
M358827		3.45	14.95	0.11	1.2	0.281	2.23	26.6	98.8	0.99	1020	0.95	0.04	6.4	2.5	570
M358828		8.75	11.80	0.12	0.9	0.408	2.00	19.2	53.6	1.19	1720	4.98	0.03	5.3	2.5	420
M358829		0.50	0.19	0.05	<0.1	0.007	0.02	0.5	1.2	12.95	234	0.18	<0.01	0.1	1.5	160
M358830		2.99	11.55	0.11	0.7	0.186	1.64	22.0	122.5	1.16	1140	1.69	0.03	4.9	1.9	440
M358831		3.23	15.85	0.14	1.0	0.365	2.54	21.5	44.3	0.78	933	5.41	0.12	7.0	3.1	660
M358832		3.64	15.20	0.14	1.0	0.259	2.30	23.4	28.8	0.78	796	4.48	0.96	6.8	2.3	620
M358833		3.92	14.40	0.13	1.2	0.291	2.71	30.6	24.2	0.84	1260	0.52	0.72	6.3	2.2	570
M358834		3.28	15.55	0.12	1.3	0.121	2.34	25.9	19.3	0.84	772	0.57	1.39	7.4	2.4	600
M358835		3.68	14.70	0.13	1.2	0.126	2.60	23.1	68.1	0.88	1300	0.60	0.07	6.6	2.2	550
M358836		3.67	15.10	0.12	1.2	0.092	2.70	20.2	24.1	0.84	762	0.75	1.40	7.2	2.9	610
M358837		3.65	15.40	0.10	1.2	0.077	2.57	18.7	23.5	0.82	671	1.67	1.48	7.2	2.6	630
M358838		2.90	15.30	0.11	1.2	0.066	2.63	24.2	13.8	0.79	549	2.56	1.97	7.1	2.6	580
M358839		5.41	15.05	0.13	1.4	0.930	2.85	23.0	26.1	0.73	2030	11.85	0.27	7.4	15.2	500
M358840		3.38	14.95	0.11	1.3	0.093	2.53	22.2	16.7	0.82	671	1.11	1.75	7.2	2.4	570
M358841		3.11	15.90	0.11	1.4	0.082	2.58	23.0	15.5	0.89	553	0.76	2.14	7.7	2.9	580
M358842		3.03	15.25	0.11	1.5	0.064	2.63	22.2	11.2	0.84	551	1.56	2.26	7.4	2.8	590
M358843		3.17	16.60	0.11	1.3	0.099	2.39	25.3	13.2	0.98	677	0.78	2.20	7.9	3.0	600
M358844		3.22	16.50	0.09	1.3	0.073	2.33	21.9	11.7	0.94	636	0.57	2.42	7.7	2.8	610
M358845		3.99	16.20	0.10	1.3	0.234	2.77	21.6	13.4	0.93	1220	0.80	1.05	7.1	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210748

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358810		22.9	156.0	0.002	1.95	9.81	10.7	1	6.6	128.5	0.59	0.25	13.8	0.240	1.94	3.6
M358811		15.1	106.0	<0.002	0.40	6.63	11.3	1	2.8	140.0	0.72	0.09	13.3	0.283	1.46	2.8
M358812		2880	162.0	0.002	4.88	93.6	8.2	1	8.0	90.0	0.47	0.37	10.6	0.185	2.36	5.0
M358813		15.2	120.0	0.002	0.96	7.05	9.9	1	3.3	210	0.66	0.47	12.0	0.257	1.81	4.1
M358814		47.8	201	<0.002	1.33	7.56	10.0	1	4.0	120.5	0.60	0.27	14.1	0.233	2.64	3.9
M358815		36.1	100.5	0.002	0.11	17.30	11.4	1	3.1	209	0.71	0.05	11.8	0.283	1.97	2.7
M358816		1685	118.5	<0.002	3.02	19.50	9.2	1	4.8	206	0.58	0.80	11.6	0.223	1.87	4.9
M358817		4.8	1.9	<0.002	<0.01	0.18	0.2	1	0.3	47.4	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M358818		34.3	83.2	<0.002	0.17	7.79	5.5	1	2.0	386	0.78	<0.05	10.0	0.273	2.80	6.4
M358819		125.0	115.5	0.002	1.48	9.07	10.3	1	3.9	137.5	0.62	0.29	13.4	0.244	1.79	3.3
M358820		40.7	106.5	0.002	0.47	9.22	11.5	<1	3.1	180.5	0.73	0.08	13.8	0.266	1.75	3.3
M358821		27.7	90.4	0.002	0.49	18.65	10.7	1	3.1	157.5	0.61	0.09	13.8	0.242	1.25	3.3
M358822		14.9	79.5	<0.002	0.15	15.35	11.6	1	3.2	64.9	0.77	<0.05	15.2	0.302	0.93	3.7
M358823		31.9	64.4	<0.002	0.41	11.40	11.4	1	3.2	204	0.61	0.21	13.9	0.280	1.09	2.7
M358824		32.6	62.1	0.002	0.41	11.70	11.4	1	3.4	206	0.62	0.15	14.0	0.283	1.15	2.7
M358825		21.7	87.7	<0.002	0.77	10.50	9.7	1	3.1	169.0	0.55	0.15	13.3	0.217	1.28	2.7
M358826		32.5	99.2	0.002	1.73	25.4	8.9	1	3.9	147.5	0.42	0.34	10.1	0.190	1.56	4.8
M358827		54.6	114.5	0.002	0.73	14.35	10.8	1	3.2	148.0	0.60	0.09	14.6	0.247	1.90	3.6
M358828		453	116.5	0.003	7.50	69.4	8.1	2	4.4	109.0	0.49	1.07	10.1	0.189	1.71	6.4
M358829		2.1	1.3	<0.002	0.01	0.28	0.2	1	0.3	39.2	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M358830		22.5	93.7	0.002	0.48	25.8	9.2	1	2.4	109.0	0.42	0.16	9.5	0.196	1.33	4.2
M358831		56.3	99.9	0.002	0.70	8.67	11.1	1	3.4	114.0	0.56	0.41	12.7	0.260	1.98	2.9
M358832		31.8	106.5	0.002	0.72	12.20	10.8	1	3.3	162.5	0.55	0.21	13.2	0.248	1.65	3.1
M358833		103.0	163.5	0.002	0.73	6.32	10.4	1	4.3	203	0.60	<0.05	15.9	0.237	1.98	4.1
M358834		17.9	94.8	<0.002	0.16	8.80	10.7	1	3.3	299	0.63	0.07	14.8	0.264	1.26	4.2
M358835		44.8	99.5	<0.002	0.38	13.30	10.0	1	3.9	114.0	0.62	0.08	12.8	0.244	2.10	4.3
M358836		41.2	100.0	<0.002	0.21	7.99	10.9	1	3.1	259	0.66	0.21	12.3	0.280	1.46	4.0
M358837		30.4	81.0	<0.002	0.15	6.53	9.9	1	2.9	291	0.65	0.09	11.4	0.282	1.34	3.7
M358838		26.4	102.5	0.002	0.12	2.68	10.2	<1	2.4	340	0.61	0.05	13.0	0.259	1.26	3.8
M358839		1385	159.5	0.002	3.14	33.5	8.8	1	6.2	149.0	0.61	0.23	11.6	0.212	2.52	4.9
M358840		18.6	93.5	0.002	0.72	3.34	10.3	1	2.5	301	0.64	0.17	13.9	0.261	1.27	4.0
M358841		24.3	94.9	<0.002	0.28	3.25	10.6	1	2.5	366	0.73	0.08	13.8	0.268	1.20	4.2
M358842		23.2	87.0	0.002	0.14	2.47	10.2	1	2.2	392	0.71	<0.05	14.2	0.263	1.11	4.2
M358843		17.4	98.3	<0.002	0.20	3.65	12.1	1	3.1	388	0.63	0.05	13.6	0.272	1.14	3.9
M358844		16.7	76.9	<0.002	0.08	2.35	11.4	1	3.0	402	0.60	<0.05	11.6	0.278	1.05	3.7
M358845		35.6	134.5	<0.002	0.69	4.65	11.0	<1	5.1	219	0.61	0.10	13.1	0.268	1.91	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210748

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358810		70	5.3	12.7	56	25.6	1
M358811		77	5.2	13.5	45	31.3	<1
M358812		56	4.9	9.5	5480	25.9	26
M358813		73	2.0	11.8	48	26.8	<1
M358814		68	2.8	11.3	119	24.8	1
M358815		81	3.2	13.1	93	26.4	1
M358816		61	4.3	12.8	1620	32.0	8
M358817		2	0.1	0.9	23	<0.5	<1
M358818		51	2.1	11.4	87	142.0	1
M358819		69	3.2	12.2	380	24.5	1
M358820		75	3.5	13.5	82	25.5	1
M358821		66	7.9	14.8	76	28.6	<1
M358822		65	10.3	12.8	45	29.1	<1
M358823		76	4.8	14.4	79	31.6	1
M358824		76	4.9	14.5	77	30.1	1
M358825		64	2.6	13.0	74	26.3	1
M358826		70	3.1	13.6	93	18.6	2
M358827		71	3.6	13.4	72	27.2	1
M358828		53	3.8	10.5	401	21.5	29
M358829		1	0.1	0.7	14	<0.5	<1
M358830		60	2.4	12.6	65	18.2	1
M358831		79	3.1	13.3	80	25.1	1
M358832		72	2.3	14.7	65	26.7	2
M358833		73	2.1	14.2	172	25.9	1
M358834		74	1.3	17.0	49	34.5	1
M358835		69	3.1	12.6	110	32.1	<1
M358836		77	2.5	15.9	91	30.5	<1
M358837		82	2.9	14.2	71	27.6	<1
M358838		70	1.4	15.1	47	32.4	<1
M358839		57	5.0	11.3	3010	40.6	10
M358840		71	2.0	13.5	54	32.7	<1
M358841		74	1.6	16.5	52	32.9	<1
M358842		73	0.9	16.5	45	35.0	<1
M358843		74	1.4	18.5	46	32.9	<1
M358844		76	0.9	16.9	43	31.1	<1
M358845		72	2.9	14.1	88	31.1	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12210748

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12210749

Project: Klaza-124

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

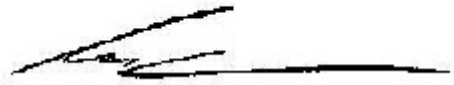
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12210749

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357304		8.38	<0.005	0.05	6.57	17.7	1020	2.06	0.06	2.31	0.13	45.9	5.8	21	30.7	9.2
M357305		8.55	<0.005	0.04	6.67	13.0	930	2.02	0.06	3.05	0.10	49.4	6.3	19	33.1	8.5
M357306		7.78	<0.005	0.05	6.60	12.7	390	2.02	0.06	2.74	0.08	47.9	6.1	20	32.7	9.2
M357307		7.06	<0.005	0.13	6.90	17.6	1290	2.10	0.11	2.93	0.16	55.0	6.7	25	34.9	13.4
M357308		0.26	0.798	10.10	6.29	1675	1050	1.49	6.68	1.85	43.2	43.5	18.1	19	16.40	107.0
M357309		2.66	0.058	1.97	7.18	68.9	340	2.03	0.55	1.44	5.77	46.5	9.4	15	31.1	25.0
M357310		6.54	<0.005	0.17	7.07	19.9	960	1.72	0.28	2.00	0.29	42.2	9.5	7	21.9	7.6
M357311		4.53	<0.005	0.20	7.09	31.2	1530	1.36	0.34	1.33	0.32	42.5	3.8	6	22.1	5.3
M357312		2.85	0.114	3.85	6.84	526	1890	1.34	0.61	2.13	26.4	45.4	2.4	8	10.45	13.7
M357313		0.26	2.28	26.8	5.56	3200	910	1.31	20.5	2.16	81.4	42.6	12.0	17	14.80	419
M357314		6.34	0.117	1.82	6.92	258	1150	1.50	0.62	2.10	8.08	55.5	5.1	9	14.70	9.9
M357315		2.83	0.348	11.40	6.22	1365	1070	1.35	0.80	1.74	84.7	42.6	5.2	5	12.10	82.9
M357316		3.74	<0.005	0.05	0.07	<5	20	0.06	0.04	20.2	0.17	1.18	1.1	<1	0.30	2.8
M357317		4.38	<0.005	0.24	6.69	21.1	2060	1.71	0.32	2.18	0.55	41.6	5.4	6	13.85	6.6
M357318		2.70	0.093	9.24	6.92	130.0	2170	1.46	0.49	2.02	44.8	50.1	4.3	6	13.00	42.1
M357319		2.61	<0.005	0.45	6.61	26.8	1950	1.18	0.39	2.18	0.62	41.5	8.0	6	13.45	8.5
M357320		2.86	0.016	0.60	6.45	44.5	1740	1.47	0.46	1.59	1.57	48.6	8.1	7	14.75	14.2
M357321		4.75	<0.005	0.26	6.73	20.5	1130	1.51	0.36	2.29	0.39	43.5	4.7	7	16.70	12.8
M357322		7.39	0.008	0.18	6.48	17.3	1780	1.49	0.29	2.22	0.17	44.1	4.7	7	12.15	8.6
M357323		3.05	1.980	72.3	5.00	5320	360	1.04	5.25	1.91	92.2	45.3	69.0	4	8.09	172.0
M357324		3.06	<0.005	0.10	0.07	5	30	0.10	0.03	19.75	0.16	1.15	1.2	<1	0.31	2.2
M357325		3.09	0.010	1.80	6.87	107.5	1060	1.85	0.28	2.00	2.60	45.2	11.8	6	17.65	13.3
M357326		5.53	<0.005	0.19	7.38	10.2	2000	1.42	0.23	1.72	0.17	46.9	5.9	7	11.90	16.6
M357327		2.55	0.208	13.20	7.05	577	1210	1.38	0.67	2.13	38.0	44.4	6.9	8	13.15	92.9
M357328		2.50	<0.005	0.14	7.13	18.4	2110	1.81	0.27	2.88	0.14	47.7	5.9	8	22.4	9.4
M357329		2.24	<0.005	0.09	7.63	9.8	2130	1.23	0.20	1.84	0.13	51.5	5.7	8	15.55	14.2
M357330		1.27	<0.005	0.06	7.24	10.1	2080	1.28	0.18	1.91	0.16	47.4	5.4	10	16.60	10.3
M357331		2.56	0.008	2.07	6.81	57.4	2520	1.35	0.33	2.09	2.45	43.1	4.8	7	21.0	30.6
M357332		3.51	<0.005	0.07	7.18	12.0	2230	1.19	0.20	2.11	0.34	51.8	3.8	8	15.65	9.0
M357333		2.80	0.020	0.51	6.48	51.1	2500	1.39	0.51	2.70	0.32	52.5	5.3	8	14.20	35.0
M357334		2.45	<0.005	0.09	7.37	10.9	2170	1.29	0.24	1.77	0.11	47.5	3.3	9	13.25	4.8
M357335		3.02	0.006	2.49	7.01	37.9	2220	1.53	1.61	1.83	14.15	48.4	4.8	7	15.95	19.9
M357336		2.71	<0.005	0.18	7.57	67.9	2230	1.88	0.19	1.54	0.38	80.4	4.6	15	25.2	13.4
M357337		<0.02	<0.005	0.16	7.51	72.9	2070	1.98	0.20	1.59	0.40	76.1	4.9	15	23.5	14.7
M357338		4.33	<0.005	<0.01	7.88	43.0	810	1.78	0.14	1.58	0.24	75.2	4.9	15	27.5	6.0
M357339		2.87	<0.005	0.29	7.71	71.6	2730	1.82	0.22	1.28	1.75	78.1	5.7	14	23.6	27.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12210749

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357304		2.05	20.8	0.14	3.3	0.027	2.75	22.3	41.4	0.73	443	0.94	0.04	9.4	14.2	710
M357305		2.19	19.70	0.18	3.1	0.029	2.73	24.7	34.5	0.92	520	0.90	0.05	9.0	13.3	710
M357306		2.10	20.4	0.17	3.2	0.026	2.61	23.8	53.5	0.89	445	0.90	0.05	9.2	14.4	700
M357307		2.18	20.8	0.20	4.2	0.025	2.43	28.7	74.5	1.03	551	1.06	0.05	9.1	20.8	640
M357308		5.20	15.60	0.14	1.5	0.973	2.78	22.5	22.8	0.69	1880	13.30	0.26	7.6	15.5	480
M357309		2.19	19.90	0.14	2.8	0.103	2.89	24.3	44.3	0.63	969	3.63	0.05	8.8	16.4	610
M357310		2.73	17.90	0.15	1.5	0.049	3.12	21.1	47.1	0.77	781	4.65	0.07	8.6	5.0	590
M357311		2.81	17.20	0.14	1.4	0.079	3.06	21.8	45.6	0.53	789	2.09	0.75	8.1	2.5	580
M357312		4.05	17.25	0.15	1.3	0.257	3.40	25.1	7.6	0.92	3120	3.62	0.04	7.0	2.8	530
M357313		6.40	14.70	0.12	1.0	1.820	2.55	23.1	21.2	0.90	1790	14.05	0.04	6.0	16.2	430
M357314		3.54	17.00	0.14	1.2	0.166	3.29	30.7	22.5	0.88	2460	2.10	0.05	7.3	2.9	530
M357315		4.45	15.50	0.11	1.1	0.327	2.95	22.6	13.8	0.61	4000	3.93	0.03	6.5	2.9	480
M357316		0.46	0.32	0.24	<0.1	<0.005	0.03	0.6	1.1	12.35	193	0.12	0.01	0.3	1.6	170
M357317		3.01	16.80	0.16	1.4	0.159	3.21	20.8	18.4	0.77	1360	1.35	0.82	7.5	2.4	560
M357318		3.56	16.60	0.16	1.3	0.210	3.01	26.6	33.5	0.79	1720	0.67	0.05	7.6	2.5	530
M357319		2.98	16.15	0.13	1.5	0.140	2.89	21.2	28.5	0.77	1240	1.29	0.10	7.4	2.2	530
M357320		3.02	15.55	0.14	1.2	0.170	2.98	25.5	25.2	0.66	1180	4.95	0.07	7.3	2.6	500
M357321		3.03	16.90	0.16	1.2	0.105	3.15	21.8	30.0	0.79	1100	2.40	0.51	7.7	2.6	550
M357322		3.02	16.60	0.16	1.4	0.159	2.79	22.0	17.9	0.79	900	3.59	1.00	7.8	2.6	510
M357323		9.26	12.05	0.15	0.9	0.836	2.42	24.9	10.8	0.65	2800	4.13	0.04	5.1	3.1	400
M357324		0.47	0.29	0.15	<0.1	<0.005	0.03	0.6	1.1	12.15	206	0.09	0.01	0.3	1.5	160
M357325		3.15	17.00	0.15	1.2	0.114	3.43	23.1	24.9	0.70	2480	1.35	0.36	7.5	2.3	550
M357326		3.22	17.70	0.18	1.4	0.072	3.14	23.4	18.4	0.71	702	2.11	1.13	8.4	2.5	620
M357327		3.61	16.60	0.13	1.3	0.201	3.20	22.5	20.3	0.70	2520	2.31	0.64	7.9	2.7	570
M357328		3.09	17.30	0.20	1.4	0.085	3.54	24.2	18.1	0.70	890	3.66	0.74	9.0	3.6	630
M357329		2.75	17.25	0.21	1.3	0.056	3.08	27.2	39.9	0.60	640	2.35	0.91	9.0	2.9	620
M357330		2.72	16.65	0.18	1.3	0.056	3.14	24.4	37.0	0.61	664	2.37	0.96	8.7	2.8	610
M357331		2.82	16.20	0.18	1.2	0.081	3.20	22.5	29.7	0.64	1440	3.48	0.42	7.8	2.6	580
M357332		2.88	15.70	0.18	1.4	0.077	3.04	27.1	24.3	0.61	693	2.22	0.91	8.1	2.5	590
M357333		3.52	16.70	0.22	1.3	0.140	3.37	26.8	20.7	0.80	1280	2.17	0.96	7.9	2.7	530
M357334		2.92	17.30	0.21	1.3	0.073	3.30	25.0	28.1	0.64	679	1.92	0.96	8.4	2.6	580
M357335		3.03	16.20	0.20	1.3	0.145	3.41	26.3	20.8	0.69	1680	1.72	0.51	7.9	2.4	570
M357336		2.09	18.60	0.18	4.3	0.033	1.86	43.2	236	0.67	668	7.55	0.04	10.8	4.9	1080
M357337		2.11	19.90	0.18	4.4	0.038	1.84	40.8	237	0.67	669	7.90	0.04	11.0	5.1	1080
M357338		2.35	21.0	0.19	4.3	0.033	2.14	41.4	233	0.77	597	1.44	0.05	11.3	5.3	1100
M357339		2.29	20.7	0.18	4.1	0.031	1.81	45.3	147.5	0.74	645	5.34	0.04	11.0	5.6	1050

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12210749

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357304		16.6	105.0	<0.002	0.03	11.50	6.7	1	1.5	390	0.76	<0.05	9.5	0.269	1.43	2.7
M357305		18.4	109.5	<0.002	0.02	6.73	6.5	1	1.6	479	0.74	<0.05	9.9	0.265	1.50	2.9
M357306		21.7	102.5	<0.002	0.01	7.25	6.5	1	1.4	442	0.72	<0.05	9.8	0.265	1.44	3.0
M357307		21.3	108.0	<0.002	0.06	10.10	6.8	1	1.6	419	0.75	<0.05	11.5	0.256	1.50	5.1
M357308		1305	171.0	<0.002	2.97	33.9	9.6	2	6.1	149.5	0.65	0.59	12.6	0.204	2.67	5.7
M357309		305	130.0	<0.002	0.27	14.80	9.9	1	2.9	326	0.74	<0.05	13.4	0.259	2.47	8.8
M357310		28.2	126.0	<0.002	0.24	11.65	11.9	1	2.1	204	0.73	<0.05	12.4	0.262	3.17	4.4
M357311		25.9	145.0	<0.002	0.11	9.60	11.5	1	2.1	194.0	0.72	<0.05	13.1	0.249	2.34	4.0
M357312		902	257	<0.002	1.20	13.95	10.5	1	2.8	76.7	0.69	<0.05	14.7	0.226	3.17	7.9
M357313		2740	171.0	<0.002	4.60	91.5	9.1	2	8.4	93.6	0.49	0.39	11.0	0.176	2.47	5.7
M357314		170.5	195.0	<0.002	0.61	12.50	10.9	1	2.4	124.0	0.64	<0.05	14.3	0.232	2.79	7.5
M357315		920	184.5	<0.002	3.67	37.1	10.0	2	5.4	80.7	0.53	<0.05	11.9	0.206	2.74	5.1
M357316		2.5	2.1	<0.002	0.01	0.08	0.3	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M357317		41.2	148.5	<0.002	0.12	7.15	10.8	1	2.3	188.0	0.64	<0.05	12.3	0.241	2.35	4.3
M357318		3680	160.0	<0.002	1.21	20.4	11.8	2	4.6	142.5	0.65	<0.05	13.9	0.242	2.44	4.6
M357319		77.5	127.0	<0.002	0.31	12.65	10.4	1	2.4	153.0	0.66	<0.05	13.4	0.229	2.08	4.8
M357320		64.0	157.5	<0.002	0.42	11.65	10.3	1	2.8	120.5	0.62	<0.05	13.3	0.221	3.31	9.9
M357321		23.6	140.5	<0.002	0.16	8.65	11.0	1	2.9	191.0	0.64	<0.05	12.9	0.244	2.73	5.1
M357322		16.6	130.0	<0.002	0.13	6.48	10.4	1	2.4	202	0.71	<0.05	12.8	0.225	2.06	4.5
M357323		5110	161.5	<0.002	9.09	152.0	8.0	2	11.0	66.8	0.44	0.90	10.5	0.156	2.40	5.0
M357324		7.6	2.7	<0.002	0.01	0.18	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M357325		77.4	167.0	<0.002	0.45	12.40	10.8	1	3.0	180.5	0.61	<0.05	12.8	0.238	2.82	5.4
M357326		17.6	144.0	<0.002	0.07	5.22	11.7	1	2.5	243	0.68	<0.05	13.9	0.259	1.94	3.8
M357327		1065	157.0	<0.002	1.55	34.2	11.3	2	3.1	169.5	0.66	<0.05	13.4	0.254	2.49	5.1
M357328		14.4	144.0	<0.002	0.15	7.63	11.5	1	2.2	226	0.70	<0.05	12.5	0.271	2.51	4.7
M357329		18.0	125.5	<0.002	0.05	7.76	11.3	2	2.0	207	0.67	<0.05	13.7	0.277	1.64	3.3
M357330		17.0	125.5	<0.002	0.05	7.22	10.5	1	1.9	213	0.67	<0.05	12.5	0.264	1.74	3.7
M357331		82.5	124.0	<0.002	0.35	18.55	9.9	1	2.0	180.0	0.65	<0.05	11.3	0.246	2.12	3.4
M357332		17.0	124.0	<0.002	0.04	8.44	9.7	1	1.9	193.5	0.68	<0.05	12.7	0.260	1.78	4.3
M357333		25.7	140.5	<0.002	0.60	9.13	9.2	1	2.2	192.0	0.61	<0.05	11.6	0.239	2.36	3.4
M357334		19.6	135.0	<0.002	0.03	8.31	10.5	1	2.2	187.5	0.67	<0.05	13.8	0.252	1.81	2.7
M357335		330	163.0	<0.002	0.37	14.90	10.0	1	2.3	169.5	0.66	0.05	13.1	0.236	2.55	3.5
M357336		45.1	71.7	<0.002	0.22	31.3	5.4	1	1.4	711	0.74	<0.05	11.2	0.309	1.01	6.3
M357337		41.2	65.8	<0.002	0.21	29.7	5.5	1	1.4	729	0.74	<0.05	10.9	0.312	1.05	6.0
M357338		24.6	80.1	<0.002	0.06	19.60	5.3	1	1.4	629	0.81	<0.05	11.7	0.316	1.27	4.6
M357339		89.1	74.4	<0.002	0.26	24.1	5.1	1	1.5	517	0.76	<0.05	11.4	0.309	1.01	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12210749

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357304		50	2.3	11.3	60	106.0	<1
M357305		48	2.0	12.0	62	94.8	<1
M357306		48	2.1	11.4	54	105.5	<1
M357307		48	2.1	12.3	61	148.0	<1
M357308		56	5.5	11.5	2900	39.8	10
M357309		62	2.4	13.5	374	91.4	2
M357310		71	3.1	16.5	72	38.3	<1
M357311		67	2.3	14.1	55	35.3	<1
M357312		68	3.2	12.8	1600	33.2	3
M357313		54	5.3	10.0	5210	26.5	26
M357314		66	3.4	15.0	545	31.2	2
M357315		57	6.1	12.3	7000	28.8	11
M357316		2	0.1	0.8	21	<0.5	<1
M357317		65	2.9	13.2	95	36.4	<1
M357318		63	3.6	13.5	3690	32.7	10
M357319		63	3.4	13.8	97	36.1	1
M357320		61	3.7	14.0	165	30.7	1
M357321		66	4.1	13.6	79	30.7	<1
M357322		64	3.9	13.7	54	35.4	<1
M357323		53	23.7	9.6	6420	22.3	75
M357324		2	0.1	0.8	22	<0.5	<1
M357325		64	7.6	13.2	186	30.2	2
M357326		70	2.8	14.8	52	36.4	<1
M357327		68	5.9	14.5	3820	32.6	12
M357328		79	3.8	15.2	50	38.3	<1
M357329		74	3.5	16.8	48	38.5	<1
M357330		72	3.2	15.6	47	37.8	<1
M357331		69	3.4	14.2	224	33.3	2
M357332		69	3.1	14.6	59	36.5	<1
M357333		64	2.9	12.2	80	33.1	<1
M357334		71	2.7	14.7	54	36.5	<1
M357335		67	3.4	14.0	883	38.3	1
M357336		54	2.4	12.1	82	169.5	<1
M357337		55	2.4	11.9	81	174.5	<1
M357338		52	2.6	11.1	115	155.0	<1
M357339		54	2.2	11.2	195	152.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12210749

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212350

Project: Klaza-124

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

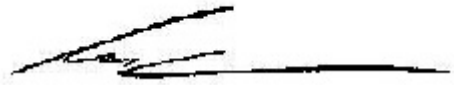
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212350

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357340		2.71	0.113	2.43	6.45	559	1480	1.87	0.65	1.37	3.31	43.8	6.9	7	23.6	29.8
M357341		4.62	0.006	0.17	7.14	67.6	2070	1.41	0.26	2.30	0.13	43.6	6.2	9	12.20	10.1
M357342		8.73	<0.005	0.11	7.48	8.6	2170	1.36	0.29	2.40	0.13	48.4	7.2	12	8.14	13.1
M357343		0.25	2.30	23.8	5.77	3220	310	1.24	18.65	2.05	75.0	43.6	11.2	17	14.95	419
M357344		5.15	<0.005	0.19	7.08	13.2	2310	1.29	0.30	2.41	0.26	45.3	6.3	8	14.20	19.5
M357345		2.65	0.173	6.70	6.50	295	2510	1.27	3.27	2.09	3.36	42.7	10.1	6	16.20	32.0
M357346		3.02	0.228	3.91	6.47	249	1640	1.25	1.25	2.89	4.42	48.3	5.5	6	18.45	32.2
M357347		3.27	<0.005	0.02	0.13	<5	30	0.07	0.02	19.80	0.06	1.48	1.5	<1	0.41	2.0
M357348		4.39	<0.005	0.23	7.68	50.8	1980	1.51	0.29	2.32	0.23	49.6	5.5	8	13.05	10.9
M357349		3.39	0.056	1.75	7.13	137.0	2220	1.45	0.90	2.66	0.61	44.2	7.9	7	16.90	43.1
M357350		6.42	<0.005	0.45	7.07	17.1	1810	1.43	0.67	2.55	0.23	44.9	7.8	10	17.30	45.3
M357351		2.53	0.016	0.72	6.74	124.0	2190	1.55	0.66	2.97	0.30	52.0	8.1	7	21.9	19.2
M357352		3.23	<0.005	0.13	6.81	7.4	2210	1.38	0.29	2.62	0.13	42.2	7.2	8	18.10	11.9
M357353		1.44	0.005	0.15	7.01	10.7	2270	1.34	0.31	2.54	0.20	41.8	8.1	8	16.95	13.3
M357354		8.59	<0.005	0.12	7.56	8.5	2280	1.49	0.32	2.56	0.13	49.4	8.3	8	10.05	13.1
M357355		8.73	<0.005	0.11	7.41	5.6	2080	1.52	0.31	2.36	0.12	50.4	8.7	9	11.85	14.0
M357356		5.34	<0.005	0.14	6.86	8.5	2140	1.46	0.56	2.45	0.13	46.1	9.5	9	16.75	16.3
M357357		3.50	0.177	1.43	6.59	701	750	1.38	0.74	2.29	3.41	37.7	10.7	6	17.00	14.2
M357358		7.61	<0.005	0.30	7.14	19.0	1700	1.51	0.46	2.01	0.19	41.8	6.4	7	16.90	6.6
M357359		<0.02	<0.005	0.28	7.45	20.1	1740	1.46	0.48	2.06	0.24	44.0	6.7	7	17.55	7.8
M357360		7.19	<0.005	0.11	6.69	12.2	1860	1.32	0.23	2.41	0.10	41.3	6.8	8	24.1	9.7
M357361		7.94	<0.005	0.15	6.72	31.7	960	1.33	0.22	2.73	0.11	51.4	6.5	6	19.55	11.1
M357362		6.32	0.006	0.17	6.89	39.6	800	1.37	0.23	1.51	0.14	48.5	6.7	7	26.7	17.4
M357363		3.42	0.031	2.05	7.73	43.8	1950	1.53	1.79	2.82	0.14	59.6	4.7	7	18.65	11.7
M357364		0.25	4.45	>100	5.62	8610	600	1.22	62.2	1.98	231	39.0	9.0	18	11.95	1325
M357365		6.99	0.051	0.93	7.42	173.5	2850	1.58	0.40	2.55	0.99	53.2	5.9	7	21.3	16.1
M357366		4.34	1.025	54.0	5.66	1820	190	1.26	0.70	2.75	155.5	31.2	10.5	7	10.60	131.0
M357367		3.80	0.713	44.3	5.51	1810	190	1.27	0.26	2.24	79.7	37.2	3.5	6	12.40	108.5
M357368		3.20	1.160	13.15	7.16	2480	500	1.56	0.27	2.28	57.6	52.1	4.8	6	20.3	43.5
M357369		2.61	<0.005	0.05	0.07	11	30	0.05	0.03	21.1	0.16	1.45	1.2	<1	0.22	3.4
M357370		7.19	0.063	7.84	7.42	715	1380	1.48	0.53	2.84	31.5	53.3	5.5	7	19.20	37.8
M357371		4.78	0.044	2.38	7.84	267	1280	1.51	0.37	2.82	9.23	58.6	6.5	8	16.30	13.7
M357372		2.58	0.054	4.35	7.35	349	750	1.52	0.34	3.23	26.3	60.4	8.4	7	14.10	8.8
M357373		6.40	<0.005	0.36	8.06	17.6	1220	1.66	0.29	3.35	4.09	53.2	6.0	9	16.60	9.5
M357374		4.72	0.005	0.96	7.59	17.0	1990	1.51	0.33	2.44	3.84	53.3	10.3	8	16.15	6.1
M357375		8.63	0.005	1.27	7.75	14.0	2190	1.49	0.32	2.76	0.77	60.1	6.0	8	13.35	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357340		2.68	15.95	0.13	1.1	0.086	2.73	20.7	86.5	0.55	1790	3.46	0.05	6.9	3.2	520
M357341		2.85	17.80	0.17	1.1	0.047	2.78	19.1	11.5	0.65	637	0.79	1.92	8.1	2.8	580
M357342		2.97	17.85	0.19	1.1	0.042	2.58	22.3	15.2	0.79	619	3.44	2.38	8.3	2.8	600
M357343		6.38	15.45	0.18	0.9	1.640	2.46	21.2	23.5	0.84	1760	13.65	0.04	6.1	15.0	440
M357344		2.91	17.55	0.16	1.2	0.053	2.67	20.1	18.9	0.64	717	1.02	1.83	8.1	2.6	580
M357345		3.92	15.90	0.16	1.1	0.155	3.10	20.0	20.8	0.61	1800	1.11	1.03	7.4	2.5	540
M357346		3.70	16.65	0.16	1.1	0.153	3.21	22.4	11.7	0.70	2390	0.97	0.61	7.5	2.8	520
M357347		0.48	0.45	0.16	<0.1	<0.005	0.05	0.7	1.9	12.15	210	0.16	0.01	0.3	3.3	170
M357348		3.00	18.40	0.19	1.2	0.064	2.75	23.2	15.8	0.69	702	0.71	1.77	8.2	2.6	620
M357349		3.32	17.90	0.18	1.0	0.075	2.94	20.6	25.8	0.77	1580	0.69	0.99	7.7	2.7	580
M357350		2.97	18.25	0.16	1.2	0.053	2.61	20.3	16.1	0.74	823	0.85	1.81	8.6	2.9	600
M357351		3.06	16.65	0.14	1.1	0.069	2.56	25.8	35.4	0.85	1620	1.09	0.93	7.8	2.9	550
M357352		2.81	17.60	0.14	1.2	0.043	2.53	18.9	11.5	0.68	654	1.18	1.99	8.4	2.7	580
M357353		2.89	17.30	0.16	1.2	0.045	2.56	18.9	10.9	0.69	654	1.15	2.02	8.2	2.6	580
M357354		2.99	18.70	0.18	1.3	0.032	2.42	22.9	14.3	0.81	661	0.86	2.27	8.9	2.9	620
M357355		2.83	17.60	0.17	1.4	0.037	2.57	23.2	13.7	0.75	555	0.86	2.26	8.9	2.8	600
M357356		2.75	17.35	0.16	1.6	0.041	2.62	20.7	24.3	0.65	631	0.89	1.82	8.7	2.7	560
M357357		4.94	18.05	0.16	1.4	0.108	3.05	17.2	59.0	0.81	2190	1.80	0.06	7.1	3.2	730
M357358		4.40	18.50	0.16	1.4	0.099	2.95	19.3	32.8	0.85	1280	1.96	1.04	7.8	2.8	700
M357359		4.51	18.95	0.17	1.4	0.103	3.02	20.9	32.3	0.87	1300	2.17	1.08	7.8	3.0	710
M357360		2.66	16.65	0.15	1.3	0.037	2.96	18.8	67.9	0.69	749	0.63	0.48	7.8	2.5	570
M357361		2.55	16.45	0.15	1.4	0.044	2.34	24.6	80.3	0.88	1120	0.70	0.07	7.8	2.7	530
M357362		2.27	18.20	0.15	1.2	0.056	2.59	22.8	49.0	0.55	858	0.78	0.06	8.5	2.8	550
M357363		3.48	17.15	0.09	1.2	0.157	2.74	31.1	86.9	1.01	1780	0.62	0.04	8.3	3.5	570
M357364		8.17	13.45	0.09	1.1	5.11	2.32	19.0	33.5	0.64	3130	15.75	0.08	5.7	13.4	470
M357365		2.67	16.55	0.08	1.3	0.052	2.80	27.0	111.5	0.90	2200	1.40	0.02	8.1	2.1	560
M357366		3.82	13.35	0.06	1.0	1.635	2.49	16.0	22.5	1.10	2940	13.25	0.04	5.6	1.8	410
M357367		3.82	12.70	0.08	0.9	0.143	2.49	18.5	31.3	0.96	1780	61.7	0.02	5.7	2.1	410
M357368		3.55	16.15	0.10	1.2	0.216	2.92	26.4	28.9	0.86	2030	2.25	0.03	7.6	2.6	570
M357369		0.51	0.32	0.13	<0.1	<0.005	0.04	0.7	1.1	13.20	230	0.15	<0.01	0.3	<0.2	200
M357370		3.26	15.95	0.10	1.0	0.096	2.89	26.9	44.1	1.03	1830	1.91	0.03	7.7	2.1	580
M357371		3.86	16.35	0.10	1.1	0.137	3.44	31.1	24.8	1.13	2210	0.38	0.04	7.8	2.1	600
M357372		3.84	15.60	0.10	1.0	0.132	3.36	30.9	35.7	1.19	2090	0.32	0.05	7.5	2.3	580
M357373		3.21	17.65	0.11	1.1	0.068	2.94	26.5	54.3	1.15	1040	0.38	0.76	8.6	2.5	640
M357374		3.38	16.60	0.11	1.1	0.063	2.88	26.0	13.6	0.83	974	0.32	2.19	7.9	2.3	590
M357375		3.49	17.40	0.12	1.2	0.099	2.93	30.4	13.8	0.94	1120	0.31	1.78	8.3	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357340		160.5	137.0	<0.002	1.01	37.6	9.4	1	2.9	169.5	0.54	<0.05	10.6	0.212	2.05	6.9
M357341		20.9	105.0	<0.002	0.07	4.02	10.7	1	2.1	334	0.63	<0.05	10.9	0.246	1.28	3.5
M357342		16.7	97.7	<0.002	0.01	1.44	11.2	1	2.2	415	0.62	<0.05	11.9	0.252	1.01	3.9
M357343		2680	150.0	<0.002	4.44	83.9	8.3	1	7.5	89.8	0.47	0.35	9.7	0.172	2.08	4.8
M357344		24.1	102.0	<0.002	0.05	4.54	10.7	1	2.2	337	0.62	<0.05	11.1	0.251	1.16	3.8
M357345		454	137.0	<0.002	0.79	23.4	10.2	1	4.6	195.0	0.57	0.12	11.1	0.224	2.04	5.2
M357346		388	149.0	<0.002	1.14	16.25	10.2	1	3.2	222	0.59	0.12	10.4	0.224	2.32	4.7
M357347		1.9	3.4	<0.002	<0.01	0.07	0.4	1	<0.2	40.0	<0.05	<0.05	<0.2	0.005	0.02	0.4
M357348		27.3	116.0	<0.002	0.04	5.11	11.2	1	2.3	373	0.64	<0.05	12.5	0.259	1.40	3.7
M357349		95.6	133.5	<0.002	0.47	13.50	10.5	1	2.5	274	0.57	0.14	10.7	0.242	1.93	3.6
M357350		27.6	109.0	<0.002	0.07	3.85	11.2	1	2.5	353	0.63	0.07	11.5	0.247	1.47	4.0
M357351		30.3	127.0	<0.002	0.42	22.3	10.9	1	2.1	267	0.59	<0.05	12.4	0.238	1.97	4.7
M357352		16.9	99.5	<0.002	0.02	3.07	10.9	1	1.9	356	0.59	<0.05	10.4	0.250	1.27	3.7
M357353		19.6	102.0	<0.002	0.08	3.38	11.0	1	2.0	355	0.57	<0.05	10.3	0.248	1.26	3.6
M357354		18.9	95.1	<0.002	0.02	1.83	11.4	1	2.0	469	0.69	<0.05	12.4	0.258	1.01	4.4
M357355		17.7	104.5	<0.002	0.02	1.95	11.1	1	2.0	402	0.74	<0.05	13.4	0.246	1.06	5.0
M357356		19.1	103.5	<0.002	0.08	5.03	10.7	1	2.1	346	0.73	0.06	12.6	0.237	1.19	5.2
M357357		117.0	137.0	<0.002	2.36	23.2	11.0	1	2.8	149.0	0.54	0.23	9.1	0.268	2.62	6.9
M357358		20.5	125.5	<0.002	0.19	7.33	11.3	1	2.4	251	0.61	0.11	11.0	0.265	2.01	5.4
M357359		21.4	135.0	<0.002	0.21	7.58	11.9	1	2.4	258	0.59	0.10	11.9	0.277	1.99	5.7
M357360		16.7	102.0	<0.002	0.17	10.15	9.9	1	2.2	266	0.64	<0.05	11.5	0.235	2.40	3.7
M357361		13.5	97.0	<0.002	0.26	10.65	10.2	1	2.1	210	0.63	<0.05	13.3	0.224	2.25	4.9
M357362		16.1	112.5	<0.002	0.31	14.25	10.6	1	3.4	223	0.70	<0.05	13.1	0.237	3.68	3.9
M357363		16.4	154.0	<0.002	0.36	11.65	12.2	1	2.7	191.5	0.73	0.61	16.1	0.252	3.13	4.4
M357364		9910	144.5	<0.002	7.12	223	8.1	3	9.3	126.5	0.47	0.52	10.3	0.186	2.23	5.6
M357365		66.9	144.5	<0.002	0.70	19.85	11.9	1	2.3	236	0.70	<0.05	15.1	0.248	3.04	5.6
M357366		5490	170.0	<0.002	3.12	84.8	8.4	2	5.9	93.8	0.46	0.11	12.8	0.178	2.27	6.0
M357367		2930	183.5	0.007	3.24	163.0	8.8	2	6.1	113.5	0.50	<0.05	11.3	0.169	2.44	19.7
M357368		1760	187.0	<0.002	2.33	41.7	11.7	2	8.0	248	0.63	<0.05	13.5	0.240	2.76	4.3
M357369		5.5	1.6	<0.002	0.01	0.12	0.2	1	<0.2	53.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357370		995	161.5	<0.002	0.85	31.0	11.8	1	3.3	230	0.62	<0.05	13.1	0.246	2.66	6.0
M357371		388	208	<0.002	0.96	16.15	13.0	1	3.3	189.0	0.64	<0.05	15.5	0.260	3.11	4.7
M357372		788	199.5	<0.002	1.18	13.50	12.5	1	3.6	180.0	0.60	<0.05	14.3	0.244	2.68	5.4
M357373		97.7	127.5	<0.002	0.20	9.07	13.3	1	3.4	269	0.66	<0.05	14.4	0.272	1.95	4.2
M357374		194.0	133.5	<0.002	0.18	6.85	12.6	1	3.0	320	0.65	<0.05	14.3	0.252	1.74	4.7
M357375		86.1	138.0	<0.002	0.13	6.60	12.8	1	2.9	298	0.65	<0.05	15.1	0.263	1.73	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212350

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M357340		60	4.3	11.8	285	32.9	3	
M357341		68	2.2	14.8	45	31.6	1	
M357342		69	1.3	17.0	43	30.8	1	
M357343		55	5.2	9.8	5250	24.2	25	
M357344		68	2.0	15.8	57	33.7	1	
M357345		61	14.9	13.4	386	30.2	7	
M357346		63	10.8	15.6	554	28.3	5	
M357347		3	0.1	0.9	13	0.6	1	
M357348		71	2.4	15.2	58	30.0	1	
M357349		67	4.1	15.1	92	27.9	3	
M357350		70	2.0	16.4	56	33.8	1	
M357351		66	2.5	16.7	59	32.2	1	
M357352		69	1.1	15.9	47	38.3	1	
M357353		69	1.1	15.5	51	34.8	1	
M357354		71	1.7	17.4	49	40.9	1	
M357355		66	1.4	17.4	43	41.6	1	
M357356		66	1.9	16.5	47	44.5	1	
M357357		86	7.3	13.6	345	48.0	2	
M357358		82	5.6	16.0	77	42.7	1	
M357359		84	5.6	16.9	79	43.9	<1	
M357360		66	2.6	13.8	42	36.9	<1	
M357361		63	5.4	15.6	37	39.8	1	
M357362		64	3.8	13.6	47	34.2	<1	
M357363		74	3.1	16.7	54	33.3	3	
M357364		55	4.4	10.5	>10000	31.9	117	1.680
M357365		69	5.1	14.9	129	35.8	1	
M357366		52	4.5	9.2	9600	29.7	53	
M357367		50	3.4	9.2	7230	27.5	41	
M357368		66	4.1	13.2	3400	31.8	13	
M357369		2	0.2	1.0	33	<0.5	<1	
M357370		70	3.4	15.6	1850	29.0	14	
M357371		74	3.1	16.0	676	28.4	3	
M357372		67	4.4	17.0	1580	27.5	5	
M357373		76	3.2	18.6	271	31.1	<1	
M357374		71	1.9	17.0	272	30.9	1	
M357375		75	1.9	19.2	90	32.9	1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212350

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212351

Project: Klaza-124

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

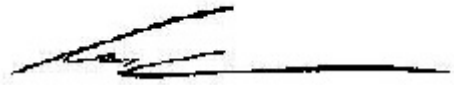
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212351

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357376		6.69	0.014	0.31	7.82	47.0	2250	1.46	0.32	2.03	0.46	49.3	4.6	10	10.65	6.9
M357377		2.54	0.138	6.98	7.38	413	1230	1.48	2.73	2.75	58.9	55.1	5.5	8	16.25	19.3
M357378		5.79	0.013	0.34	7.64	21.9	2150	1.50	0.26	2.29	0.48	47.2	4.4	9	14.35	3.5
M357379		4.53	0.049	0.53	7.19	33.8	1990	1.32	0.43	2.38	2.09	60.1	13.7	8	13.90	2.9
M357380		4.60	0.010	0.85	7.76	47.9	2610	1.52	0.41	2.39	5.57	49.4	5.2	10	12.05	6.3
M357381		1.95	0.006	0.10	7.78	6.9	2470	1.55	0.23	2.47	0.22	50.5	5.9	10	11.65	6.2
M357382		3.35	<0.005	0.11	7.94	12.0	2390	1.48	0.24	2.37	0.08	60.6	4.5	10	11.40	3.5
M357383		4.77	<0.005	0.14	7.74	13.1	2170	1.56	0.26	2.61	0.08	53.9	6.5	9	11.40	5.3
M357384		0.26	2.30	25.1	6.25	3660	140	1.33	20.7	2.24	81.7	49.1	11.1	18	16.15	459
M357385		3.18	<0.005	0.16	7.76	19.3	1210	1.61	0.36	2.23	0.18	47.1	4.4	8	12.65	3.5
M357386		5.01	0.005	0.35	8.04	60.8	1050	1.61	0.31	2.05	0.74	51.1	3.3	9	13.80	5.4
M357387		3.51	1.075	34.1	6.56	3580	300	1.22	1.30	1.96	52.8	50.1	17.3	6	8.69	68.0
M357388		3.58	<0.005	0.06	0.14	<5	30	0.06	0.02	21.3	0.14	1.55	1.7	<1	0.27	2.4
M357389		3.08	<0.005	0.99	7.82	39.2	1350	1.69	0.21	2.69	4.72	74.3	4.9	7	15.05	4.9
M357390		2.50	0.008	0.80	7.59	18.8	1730	1.69	1.20	2.53	0.18	45.9	14.8	9	10.90	2.7
M357391		2.82	<0.005	0.29	7.51	15.9	6630	1.45	0.24	2.61	0.04	57.5	3.4	8	9.06	3.1
M357392		5.51	<0.005	0.21	7.53	8.3	2620	1.46	0.29	2.43	0.09	54.3	6.9	8	7.19	8.1
M357393		<0.02	<0.005	0.18	7.36	7.8	2560	1.42	0.27	2.37	0.07	50.8	6.7	9	6.93	7.1
M357394		8.74	<0.005	0.41	7.46	13.0	2200	1.46	0.25	2.23	1.24	55.2	7.8	9	10.10	17.2
M357395		8.30	<0.005	0.15	7.46	7.9	2880	1.50	0.23	2.15	0.08	52.3	5.3	10	8.74	8.5
M357396		9.23	<0.005	0.12	7.44	5.8	2250	1.36	0.23	1.70	0.33	53.5	4.9	10	8.08	7.2
M357397		8.29	<0.005	0.13	7.53	6.8	2760	1.43	0.24	1.99	0.36	49.9	5.8	10	7.94	14.6
M357398		7.26	<0.005	0.15	7.73	8.0	2030	1.42	0.24	1.97	0.15	49.1	5.5	9	8.18	15.9
M357399		4.96	0.009	0.22	6.06	17.5	840	1.28	0.21	2.79	0.07	37.5	4.2	7	9.05	49.7
M357400		2.23	<0.005	0.04	0.06	<5	20	0.05	0.03	20.7	0.06	1.09	0.6	<1	0.22	3.8
M357401		4.70	<0.005	0.22	7.10	7.9	2220	1.56	0.22	1.95	0.11	46.8	6.1	9	8.46	71.5
M357402		9.72	<0.005	0.19	6.87	7.9	1950	1.39	0.23	1.88	0.13	49.5	6.7	9	8.29	67.3
M357403		7.56	<0.005	0.37	6.79	16.4	1470	1.49	0.31	2.73	0.09	39.5	8.2	9	6.90	201
M357404		3.81	0.013	0.70	6.60	68.7	1190	1.53	0.37	3.88	7.99	35.9	7.8	6	12.65	158.5
M357405		3.51	<0.005	0.29	5.99	22.7	1000	1.27	0.19	2.70	0.14	38.3	6.0	7	9.66	140.0
M357406		7.40	<0.005	0.04	6.70	40.7	520	1.29	0.08	4.22	0.11	58.3	10.3	40	22.4	14.3
M357407		0.26	2.34	23.7	5.72	3390	1750	1.26	18.70	2.17	77.4	42.6	10.8	17	14.45	446
M357408		5.83	<0.005	0.17	6.55	16.4	3470	1.41	0.22	2.15	0.11	34.6	7.1	7	14.00	60.1
M357409		4.51	<0.005	0.34	6.97	19.4	2000	1.36	0.21	3.05	0.15	49.4	6.5	6	17.15	25.4
M357410		2.83	0.622	6.91	6.34	4780	730	1.33	1.35	2.34	46.7	41.6	11.2	7	14.20	52.0
M357411		3.09	0.011	0.26	7.19	35.5	2390	1.46	0.24	3.05	0.26	39.6	7.6	8	16.45	28.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357376		3.45	17.10	0.11	1.2	0.110	3.17	23.4	13.5	0.77	1060	0.41	1.87	8.2	2.3	630
M357377		3.92	16.30	0.12	1.1	0.189	3.52	28.1	22.3	0.95	2580	0.47	0.20	7.5	2.3	550
M357378		3.87	17.80	0.13	1.3	0.146	3.58	22.6	11.6	0.81	1140	0.32	1.35	8.3	2.5	620
M357379		3.69	15.45	0.12	1.1	0.147	3.10	31.6	19.9	0.95	1740	0.30	0.73	7.4	2.2	560
M357380		3.25	17.15	0.12	1.2	0.054	3.08	23.9	7.5	0.78	793	0.53	1.89	8.3	2.5	610
M357381		3.13	17.60	0.11	1.3	0.048	3.06	24.6	6.8	0.77	680	0.93	1.98	8.5	2.4	610
M357382		3.31	17.50	0.12	1.3	0.076	3.25	30.1	10.4	0.73	850	0.43	1.97	8.2	2.5	610
M357383		3.31	16.80	0.14	1.4	0.077	3.17	27.0	11.5	0.83	860	0.31	1.70	7.9	2.4	590
M357384		6.88	15.30	0.12	1.0	1.865	2.66	24.6	24.2	0.94	1920	13.60	0.04	6.3	15.4	470
M357385		3.95	15.45	0.10	1.1	0.131	3.33	24.0	15.8	0.94	1660	0.36	0.63	8.0	2.3	620
M357386		4.16	16.45	0.12	1.0	0.262	3.56	26.5	22.5	0.95	1980	0.67	0.05	7.9	2.5	610
M357387		4.74	13.30	0.10	1.0	0.228	2.96	25.8	10.4	0.64	3040	17.60	0.03	6.1	2.2	480
M357388		0.53	0.42	0.12	<0.1	<0.005	0.06	0.7	1.2	13.50	235	0.21	0.01	0.4	0.2	190
M357389		3.27	15.80	0.13	1.2	0.107	3.38	39.2	31.0	0.99	2340	0.48	0.04	8.7	2.2	590
M357390		3.70	16.35	0.10	1.3	0.109	3.59	23.4	9.4	0.98	2110	1.75	0.05	7.8	2.7	620
M357391		3.19	16.65	0.10	1.4	0.052	2.56	27.4	15.9	0.78	1500	0.61	1.71	8.3	2.3	600
M357392		3.22	16.80	0.11	1.3	0.053	2.56	26.5	10.1	0.74	672	1.12	2.36	8.1	2.4	560
M357393		3.18	16.45	0.11	1.3	0.051	2.51	24.9	10.3	0.72	652	0.94	2.37	8.1	2.3	560
M357394		3.16	16.35	0.12	1.2	0.048	3.13	27.6	10.1	0.73	1000	1.40	1.78	8.1	2.3	570
M357395		3.21	16.25	0.13	1.1	0.043	3.00	25.8	9.7	0.79	711	5.58	2.21	8.1	2.3	590
M357396		2.97	15.60	0.11	1.3	0.039	2.99	26.1	12.6	0.70	565	1.40	2.31	8.2	2.5	580
M357397		2.98	16.20	0.11	1.4	0.034	2.97	25.0	11.2	0.79	584	1.56	2.56	8.0	2.5	560
M357398		3.07	17.25	0.13	1.2	0.048	2.42	24.5	12.5	0.83	594	1.60	2.62	8.5	2.7	620
M357399		2.35	13.85	0.12	1.7	0.034	2.77	18.0	20.0	0.71	890	1.93	1.29	7.1	2.1	450
M357400		0.46	0.25	0.09	<0.1	0.008	0.03	0.5	1.1	12.50	205	0.13	0.01	0.1	2.0	160
M357401		2.94	18.00	0.16	1.5	0.045	2.85	23.6	17.8	0.84	455	5.08	2.27	8.5	3.0	600
M357402		2.86	16.30	0.17	1.4	0.037	2.80	23.5	18.3	0.80	463	2.64	2.01	7.8	2.8	580
M357403		2.93	16.45	0.14	1.4	0.033	2.16	18.7	18.5	0.76	629	2.02	2.37	7.7	2.8	610
M357404		2.77	18.65	0.13	1.7	0.089	2.24	16.6	25.6	0.80	1400	1.22	2.02	7.4	3.0	560
M357405		2.25	15.65	0.13	2.0	0.026	2.35	17.3	34.1	0.80	540	1.33	1.83	7.6	2.9	530
M357406		3.32	18.15	0.16	3.9	0.021	2.21	28.7	60.0	1.34	623	1.04	0.76	10.1	15.9	1570
M357407		6.63	13.55	0.14	0.9	1.705	2.54	23.2	21.8	0.90	1900	13.05	0.04	6.5	16.0	450
M357408		2.57	14.35	0.11	1.9	0.037	2.61	16.8	83.8	0.60	555	1.84	1.52	9.1	2.6	540
M357409		2.63	14.75	0.12	2.0	0.044	2.87	25.5	93.2	0.95	1150	2.24	0.10	8.6	2.6	550
M357410		4.50	15.05	0.12	1.0	0.165	2.73	21.4	33.4	0.70	2690	3.60	0.27	7.6	2.8	520
M357411		3.47	16.35	0.12	1.1	0.147	3.08	19.3	21.5	0.86	1780	3.33	1.30	8.6	2.8	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357376		32.6	138.5	<0.002	0.27	7.54	12.9	1	2.9	284	0.67	<0.05	13.3	0.267	1.69	4.2
M357377		1095	204	<0.002	1.76	20.0	12.1	2	3.4	160.5	0.59	0.05	12.6	0.246	2.54	4.5
M357378		24.3	159.0	<0.002	0.28	5.72	12.4	1	3.0	247	0.69	<0.05	13.2	0.255	2.41	4.4
M357379		78.2	162.5	<0.002	0.75	5.75	11.2	1	2.6	157.5	0.60	0.07	12.7	0.230	2.42	5.1
M357380		136.0	139.5	<0.002	0.14	3.33	12.3	2	2.5	354	0.67	<0.05	12.9	0.261	1.53	4.1
M357381		17.1	129.0	0.002	0.04	2.54	12.8	2	2.6	380	0.72	<0.05	13.0	0.265	1.42	4.2
M357382		14.2	147.5	<0.002	0.21	3.29	12.3	2	2.6	295	0.70	<0.05	14.6	0.266	1.74	5.1
M357383		13.7	148.0	<0.002	0.27	4.72	12.4	2	2.8	265	0.70	<0.05	14.3	0.251	1.87	5.0
M357384		2940	176.5	0.002	4.92	98.0	9.5	2	8.8	96.6	0.52	0.40	12.2	0.182	2.44	5.8
M357385		11.5	185.5	<0.002	0.52	7.17	12.6	1	2.6	134.5	0.65	<0.05	14.5	0.255	2.58	4.9
M357386		33.0	218	<0.002	0.55	10.20	12.4	1	2.8	115.5	0.67	<0.05	16.7	0.255	3.25	5.3
M357387		1430	202	<0.002	3.93	92.6	10.0	2	4.7	71.3	0.53	0.24	12.8	0.192	2.80	5.5
M357388		3.5	3.6	<0.002	0.02	0.27	0.4	2	<0.2	45.3	<0.05	<0.05	0.2	<0.005	0.04	0.6
M357389		109.5	195.0	<0.002	0.56	10.50	12.4	1	2.5	172.5	0.77	<0.05	17.4	0.252	2.77	5.0
M357390		20.9	199.5	<0.002	0.69	5.10	11.9	1	2.5	107.0	0.68	0.27	15.8	0.268	3.09	5.6
M357391		12.3	132.0	<0.002	0.42	5.07	12.3	1	3.3	337	0.76	<0.05	16.5	0.245	1.95	4.7
M357392		9.7	109.5	<0.002	0.11	2.96	11.4	1	3.3	231	0.71	<0.05	15.4	0.228	1.34	4.4
M357393		9.2	103.5	<0.002	0.11	2.88	11.3	1	3.1	228	0.71	<0.05	14.3	0.229	1.34	4.3
M357394		27.2	131.5	<0.002	0.15	3.72	11.9	2	3.1	239	0.70	<0.05	15.7	0.245	1.53	4.5
M357395		17.6	122.0	<0.002	0.10	3.16	11.7	1	3.1	265	0.74	<0.05	14.6	0.248	1.35	4.3
M357396		25.8	110.5	<0.002	0.03	3.70	11.7	1	2.5	258	0.72	<0.05	14.2	0.245	1.10	4.1
M357397		23.9	114.0	<0.002	0.06	4.18	11.6	2	2.6	306	0.72	<0.05	14.8	0.245	1.13	4.7
M357398		13.7	105.0	<0.002	0.09	3.80	12.5	1	2.5	257	0.66	<0.05	12.7	0.259	1.12	3.9
M357399		14.0	102.5	0.002	0.16	9.45	7.7	1	2.1	191.5	0.70	<0.05	13.3	0.201	1.63	4.5
M357400		1.6	1.9	<0.002	<0.01	0.33	0.3	<1	0.2	41.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357401		14.8	122.0	0.003	0.05	3.09	11.0	2	2.7	337	0.60	<0.05	11.1	0.255	1.38	4.1
M357402		13.8	122.5	0.002	0.14	5.19	10.9	2	2.3	258	0.59	<0.05	10.1	0.261	1.40	3.1
M357403		12.4	87.7	<0.002	0.08	12.15	10.1	2	2.1	278	0.56	<0.05	8.8	0.258	1.20	2.8
M357404		157.0	91.7	<0.002	0.50	15.45	9.1	1	2.6	275	0.53	<0.05	8.0	0.236	1.94	4.6
M357405		11.5	92.4	<0.002	0.06	8.67	8.3	2	1.8	235	0.63	<0.05	11.2	0.219	1.41	2.7
M357406		18.8	64.3	<0.002	0.03	7.19	8.0	2	1.3	862	0.61	<0.05	6.5	0.407	1.17	3.3
M357407		2880	165.0	0.002	4.75	89.0	7.8	2	7.6	91.8	0.49	0.37	11.6	0.182	2.35	5.5
M357408		13.0	96.1	<0.002	0.16	8.06	8.6	1	1.7	330	0.78	<0.05	15.0	0.234	1.31	4.0
M357409		12.4	124.5	<0.002	0.21	10.45	8.9	1	1.6	262	0.74	<0.05	17.2	0.223	1.88	7.6
M357410		775	145.5	<0.002	2.86	45.1	9.1	2	3.7	174.5	0.54	0.05	11.0	0.226	2.19	5.3
M357411		20.7	128.0	<0.002	0.50	6.78	11.1	1	2.6	311	0.58	<0.05	9.9	0.268	1.90	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357376		76	3.5	16.3	78	30.5	<1
M357377		68	3.3	16.6	3340	31.1	7
M357378		75	1.9	14.9	85	35.5	<1
M357379		64	2.6	13.8	162	29.4	<1
M357380		71	2.3	16.8	359	32.2	1
M357381		73	177.5	17.5	52	35.2	<1
M357382		72	1.9	15.6	55	32.9	<1
M357383		71	2.3	16.2	50	34.9	<1
M357384		60	5.2	11.1	5610	25.7	27
M357385		72	2.7	15.1	70	28.5	<1
M357386		72	3.5	16.0	99	28.5	<1
M357387		58	5.5	11.9	3440	25.5	38
M357388		3	0.1	0.9	22	0.6	<1
M357389		70	3.5	16.8	308	31.7	1
M357390		71	2.6	15.2	66	34.1	1
M357391		69	2.0	12.9	56	35.0	<1
M357392		64	1.5	13.0	60	35.5	<1
M357393		63	1.5	12.2	57	34.9	<1
M357394		69	2.1	14.3	207	29.7	1
M357395		70	1.6	13.8	65	28.5	<1
M357396		68	1.9	14.6	68	36.5	<1
M357397		68	1.6	16.7	65	37.7	1
M357398		71	1.6	15.9	60	33.4	<1
M357399		53	1.5	10.8	51	35.1	<1
M357400		2	0.1	0.8	13	<0.5	<1
M357401		71	2.3	17.0	49	35.2	<1
M357402		70	2.3	15.0	51	31.3	<1
M357403		70	2.1	13.9	46	32.8	1
M357404		67	1.9	13.0	484	43.9	1
M357405		60	1.6	12.2	46	51.8	<1
M357406		85	1.2	11.9	73	135.0	1
M357407		58	5.4	10.1	5300	30.1	28
M357408		63	2.5	12.0	44	67.1	<1
M357409		62	3.0	13.9	42	69.4	<1
M357410		62	3.5	12.1	3090	36.0	7
M357411		77	3.3	15.1	56	35.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212351

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212352

Project: Klaza-124

P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

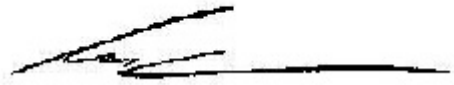
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212352

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357412		3.94	<0.005	0.28	7.35	25.2	1720	1.37	0.37	2.58	0.37	42.3	7.9	12	12.50	32.2
M357413		8.13	<0.005	0.24	7.03	15.7	2470	1.42	0.16	2.96	0.27	43.7	7.1	11	11.70	34.3
M357414		<0.02	<0.005	0.13	6.70	11.5	2580	1.34	0.16	3.01	0.21	38.8	6.9	12	11.60	25.1
M357415		7.90	<0.005	0.07	7.48	7.0	2350	1.43	0.14	2.67	0.15	53.4	6.8	12	7.99	19.4
M357416		7.60	<0.005	0.28	6.90	7.9	2080	1.41	0.15	2.44	0.10	49.2	7.5	9	6.26	87.2
M357417		7.79	<0.005	0.19	7.07	7.4	1870	1.53	0.19	2.15	0.13	55.5	6.6	12	8.77	39.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212352

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357412		2.91	17.85	0.13	1.3	0.060	2.82	19.5	16.0	0.70	837	6.29	2.46	8.3	3.0	580
M357413		3.09	15.90	0.13	1.2	0.042	2.76	21.1	13.6	0.77	746	2.24	2.22	8.3	2.9	610
M357414		3.05	15.70	0.13	1.1	0.042	2.77	17.6	13.1	0.75	747	1.92	2.16	8.0	2.8	590
M357415		3.20	16.40	0.15	1.7	0.041	2.78	25.0	15.8	0.95	603	1.83	2.50	9.2	2.9	650
M357416		2.79	15.50	0.13	1.8	0.043	2.81	23.4	13.3	0.80	520	1.59	2.37	8.9	2.6	560
M357417		2.61	15.55	0.16	2.1	0.039	2.91	27.6	12.6	0.73	470	1.95	2.40	9.1	2.5	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212352

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357412		24.2	111.5	0.002	0.14	4.64	10.5	1	2.3	269	0.59	0.05	9.7	0.254	1.56	3.3
M357413		18.8	103.0	<0.002	0.07	3.23	11.3	1	2.2	357	0.57	<0.05	9.1	0.270	1.32	3.3
M357414		17.2	89.3	<0.002	0.07	3.11	10.3	1	2.3	358	0.56	<0.05	7.8	0.268	1.34	3.2
M357415		17.8	101.0	<0.002	0.02	1.27	11.9	1	2.1	422	0.69	<0.05	13.1	0.280	1.13	4.3
M357416		15.9	105.5	<0.002	0.07	1.26	9.9	2	2.1	370	0.69	<0.05	14.7	0.248	1.18	5.0
M357417		18.9	121.0	<0.002	0.05	1.60	9.4	1	2.0	318	0.80	<0.05	18.6	0.225	1.21	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212352

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357412		71	2.4	14.2	64	40.2	1
M357413		73	3.1	16.1	56	33.1	<1
M357414		72	2.1	15.1	52	32.5	<1
M357415		77	2.8	18.6	43	51.7	<1
M357416		66	3.0	17.3	37	55.2	<1
M357417		59	2.9	17.4	39	61.2	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-124

CERTIFICATE OF ANALYSIS WH12212352

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212353

Project: Klaza-125

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

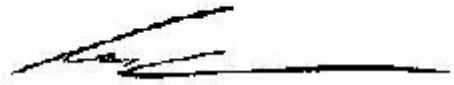
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212353

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357490		2.93	0.156	0.84	7.57	127.5	1490	1.52	1.42	2.49	1.62	54.2	17.7	10	21.5	71.8
M357491		0.26	4.43	>100	5.14	7860	1190	0.98	55.1	1.86	221	33.7	8.8	16	11.30	1245
M357492		2.48	0.175	0.72	6.99	146.5	1410	1.36	0.89	2.24	1.25	50.0	17.6	7	20.6	61.2
M357493		2.95	0.104	1.76	6.65	155.0	2910	1.16	5.08	2.18	0.59	68.6	114.5	11	18.60	47.0
M357494		4.53	1.410	7.21	5.81	295	990	1.01	12.45	1.75	70.9	52.8	113.5	7	16.40	151.5
M357495		2.81	2.47	68.3	6.48	608	500	1.29	75.9	1.16	76.6	50.6	19.1	11	12.50	1370
M357496		2.39	0.007	0.11	0.06	6	40	0.05	0.08	21.8	0.25	1.35	1.8	<1	0.25	4.1
M357497		3.22	0.484	5.50	7.10	186.0	1400	1.35	46.0	2.06	5.22	52.0	12.3	14	17.30	102.5
M357498		3.41	0.338	3.82	6.90	158.5	1350	1.27	5.74	2.08	22.0	50.2	47.1	10	13.30	83.1
M357499		3.50	0.266	2.06	7.14	134.5	1060	1.37	2.07	2.42	24.7	54.7	12.1	18	15.35	54.3
M357500		7.68	0.055	0.36	7.29	27.5	2170	1.46	1.15	2.55	0.56	50.8	7.2	18	11.15	37.7
M357501		<0.02	0.055	0.39	7.38	34.1	2150	1.38	1.02	2.48	0.67	50.3	7.2	17	11.00	39.1
M357502		8.20	0.038	0.36	7.37	22.2	2300	1.69	1.05	2.45	0.28	55.6	8.8	20	7.20	42.5
M357503		5.53	0.007	0.13	7.60	9.0	2350	1.70	0.52	2.54	0.13	46.9	6.8	11	13.60	17.8
M357504		2.82	0.058	0.68	6.94	57.0	2080	1.48	1.24	2.94	0.40	27.5	8.9	14	17.80	132.0
M357505		7.91	0.009	0.17	7.37	8.4	2370	1.58	0.46	2.71	0.16	47.8	8.2	14	9.91	15.3
M357506		8.88	0.045	0.22	7.40	13.2	2480	1.63	1.34	2.52	0.19	55.4	11.0	27	9.41	37.4
M357507		8.26	0.043	0.74	7.64	18.3	2640	1.42	0.91	2.30	0.87	52.2	10.6	24	10.75	45.9
M357508		0.26	4.46	>100	5.29	8100	1170	1.04	56.0	1.92	228	35.0	9.0	17	11.70	1290
M357509		3.68	0.017	0.10	7.35	10.9	2350	1.73	0.62	2.60	0.18	40.8	7.3	11	11.40	23.1
M357510		2.49	0.057	0.52	7.29	56.5	1750	1.53	0.72	2.19	0.40	40.7	6.3	12	15.65	21.0
M357511		2.71	0.566	11.15	6.49	249	980	1.48	12.80	2.76	106.0	46.3	5.8	11	16.15	233
M357512		1.93	<0.005	0.02	0.07	8	20	<0.05	0.02	21.1	0.11	1.16	1.9	<1	0.17	1.5
M357513		3.95	0.083	0.58	6.01	82.5	1220	0.97	0.92	4.40	0.54	44.8	5.7	11	14.90	30.8
M357514		5.24	0.070	0.47	6.76	34.4	1610	1.13	0.61	3.15	0.44	50.8	7.7	9	19.90	11.6
M357515		3.54	0.053	0.25	6.71	24.8	1750	1.09	1.02	2.50	0.28	44.6	4.4	15	19.80	36.1
M357516		6.45	0.184	0.47	6.99	29.1	2270	1.30	3.49	2.13	0.54	42.6	5.7	13	11.80	71.2
M357517		3.90	0.069	0.23	6.83	17.5	1990	1.31	1.16	2.35	0.14	43.9	5.5	9	11.20	46.6
M357518		2.10	0.111	0.45	6.79	27.3	2280	1.28	1.72	2.36	0.46	39.6	6.5	12	11.45	65.6
M357519		5.31	0.139	1.23	7.11	66.7	1320	1.30	2.05	3.07	0.36	55.7	12.3	8	21.4	48.5
M357520		2.53	0.352	3.11	7.21	235	790	1.43	1.36	2.37	48.4	55.1	7.7	10	19.05	454
M357521		8.15	0.117	0.61	6.72	70.0	1970	1.37	1.54	2.69	0.82	47.1	14.9	17	10.70	141.5
M357522		2.70	0.113	0.74	6.81	51.3	1980	1.28	3.11	2.64	1.43	39.0	7.0	11	11.20	91.5
M357523		2.77	0.199	2.53	7.01	90.9	650	1.27	3.97	1.28	0.41	49.9	10.5	8	10.50	161.5
M357524		3.64	0.074	0.64	7.00	30.2	1630	1.28	1.53	2.63	0.38	48.9	6.5	11	9.68	67.6
M357525		2.80	0.506	2.27	6.59	159.5	520	1.29	2.03	1.74	25.0	51.9	16.8	6	8.15	54.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212353

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357490		3.66	16.35	0.12	1.0	0.074	2.97	29.0	16.5	0.92	1060	4.91	0.05	8.2	3.4	580
M357491		7.86	12.10	0.13	1.1	4.62	2.18	18.0	27.2	0.60	2950	14.65	0.08	5.9	13.7	440
M357492		3.15	15.05	0.10	1.0	0.074	2.78	27.1	16.2	0.84	1340	6.92	0.05	7.9	3.3	560
M357493		7.96	14.80	0.22	1.1	0.087	2.78	40.0	12.2	0.86	542	21.0	0.03	8.4	4.5	580
M357494		9.16	12.95	0.19	0.8	0.855	2.56	30.5	11.9	0.72	1500	11.25	0.03	5.7	5.4	500
M357495		6.24	16.05	0.14	0.9	1.630	2.97	28.9	13.4	0.52	1930	8.10	0.03	6.3	2.7	480
M357496		0.52	0.37	0.05	<0.1	0.008	0.02	0.7	0.9	13.15	226	0.17	<0.01	0.3	0.3	160
M357497		4.70	16.80	0.14	1.0	0.165	3.13	27.3	13.9	0.85	1020	4.45	0.04	7.7	2.9	610
M357498		6.12	15.50	0.14	0.9	0.155	2.88	27.6	23.6	0.87	1130	5.31	0.05	6.7	3.6	560
M357499		4.36	16.20	0.13	1.0	0.495	3.02	29.8	24.3	0.85	606	2.45	0.44	7.7	2.9	590
M357500		3.37	15.95	0.12	1.0	0.105	2.76	25.8	22.7	0.81	479	2.84	1.84	8.3	3.0	610
M357501		3.44	15.80	0.11	1.0	0.107	2.77	25.7	22.1	0.82	479	1.80	1.83	8.0	3.0	590
M357502		3.37	17.25	0.16	1.1	0.122	2.52	28.2	18.0	0.89	425	2.34	2.23	9.4	3.2	640
M357503		2.69	16.75	0.14	1.1	0.068	2.62	23.5	17.2	0.72	414	0.96	2.07	9.1	3.2	620
M357504		2.43	16.05	0.12	1.0	0.085	2.77	13.2	30.0	0.81	538	1.57	1.61	9.0	2.9	680
M357505		3.18	16.40	0.14	1.0	0.071	2.73	23.9	16.3	0.75	445	26.5	2.16	8.8	3.3	610
M357506		3.14	16.65	0.15	1.0	0.177	2.87	27.9	14.3	0.83	399	4.73	2.20	9.1	3.6	630
M357507		3.19	16.35	0.14	1.0	0.104	3.01	27.1	16.6	0.74	379	3.23	1.80	8.1	3.3	610
M357508		8.11	12.30	0.14	1.0	4.78	2.25	18.5	29.9	0.62	3050	15.45	0.08	6.1	14.0	450
M357509		3.19	16.80	0.14	1.1	0.093	2.78	19.8	14.8	0.79	388	4.03	2.21	9.2	3.3	630
M357510		3.27	16.20	0.13	1.2	0.113	3.18	19.7	18.4	0.73	1160	2.34	0.72	9.5	2.9	620
M357511		4.65	14.70	0.10	1.0	1.365	2.87	24.7	17.6	0.93	3650	2.21	0.12	7.2	2.9	500
M357512		0.48	0.39	0.05	<0.1	<0.005	0.02	0.5	0.7	12.75	216	0.12	0.01	0.4	0.6	170
M357513		3.30	12.95	0.15	0.9	0.139	2.57	24.7	17.2	1.30	1050	1.99	0.06	5.4	3.8	460
M357514		2.53	14.30	0.17	1.0	0.107	2.70	28.7	22.1	1.08	693	6.49	0.05	6.8	2.5	580
M357515		2.78	15.35	0.16	1.0	0.142	2.54	23.0	38.4	0.84	520	6.79	0.07	6.9	2.5	570
M357516		2.83	15.70	0.15	1.1	0.182	2.72	21.7	28.9	0.67	416	34.1	0.82	6.7	2.7	600
M357517		2.81	15.95	0.15	1.1	0.127	2.62	21.9	22.9	0.73	400	8.02	1.39	7.6	3.7	630
M357518		2.88	15.65	0.15	1.1	0.144	2.63	19.0	28.1	0.77	434	7.26	0.82	6.7	2.8	610
M357519		3.15	14.90	0.18	1.0	0.127	2.87	29.9	26.4	0.97	951	11.00	0.06	6.7	4.9	570
M357520		3.29	16.05	0.17	1.1	0.967	2.94	30.2	20.1	0.87	2030	2.98	0.05	7.3	3.2	570
M357521		3.23	16.60	0.14	1.3	0.163	2.63	22.7	19.1	0.80	475	31.5	1.46	7.7	3.5	600
M357522		3.09	16.60	0.16	1.2	0.175	2.95	18.3	17.5	0.71	439	1.95	1.08	7.6	2.6	640
M357523		3.18	17.30	0.18	1.1	0.243	3.67	27.3	18.4	0.66	508	3.48	0.07	5.1	2.3	560
M357524		2.88	16.45	0.18	1.1	0.161	3.43	24.8	24.7	0.69	715	2.22	0.22	6.3	2.1	600
M357525		5.22	16.05	0.18	1.0	0.215	3.21	29.1	14.4	0.77	2410	8.58	0.05	2.9	3.1	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212353

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357490		40.1	150.5	<0.002	1.88	13.45	10.2	1	2.0	144.0	0.62	0.55	14.9	0.247	2.55	6.1
M357491		9400	136.5	0.002	6.82	214	6.5	3	8.4	121.5	0.44	0.50	9.3	0.180	2.11	5.3
M357492		39.9	140.0	0.002	1.94	12.45	9.8	1	1.9	114.0	0.61	0.27	14.4	0.235	2.38	4.2
M357493		36.4	147.5	<0.002	7.70	11.75	10.3	4	3.0	132.0	0.62	2.35	13.0	0.239	2.32	7.2
M357494		718	161.0	0.002	9.71	18.00	8.3	4	5.7	110.0	0.43	4.01	11.7	0.176	2.52	5.5
M357495		1515	205	<0.002	6.59	66.0	9.1	2	19.0	30.0	0.47	6.80	13.0	0.198	2.90	4.8
M357496		3.8	1.7	<0.002	0.02	0.12	0.3	<1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M357497		181.5	182.5	<0.002	3.61	21.1	10.6	1	7.4	102.0	0.61	1.19	14.6	0.226	2.75	8.0
M357498		380	173.5	<0.002	5.44	22.8	9.7	2	6.9	99.0	0.50	1.45	12.4	0.214	2.40	5.8
M357499		665	160.0	<0.002	2.26	15.75	10.1	2	5.5	207	0.59	0.39	14.5	0.235	2.16	6.0
M357500		36.3	113.5	<0.002	0.68	2.98	10.1	1	2.1	366	0.65	0.22	14.8	0.254	1.48	4.5
M357501		39.0	116.0	<0.002	0.73	3.16	10.0	1	2.1	357	0.63	0.17	15.1	0.253	1.49	4.4
M357502		22.6	118.0	<0.002	0.70	1.86	11.7	1	2.4	382	0.71	0.24	15.4	0.270	1.40	4.4
M357503		17.2	122.0	<0.002	0.22	7.54	11.1	1	1.7	376	0.69	0.08	14.5	0.268	1.46	4.0
M357504		29.1	115.5	<0.002	0.61	8.82	9.1	1	2.1	278	0.65	0.26	11.5	0.259	1.81	3.7
M357505		18.0	105.0	0.002	0.30	1.55	10.4	1	1.8	390	0.66	0.07	13.3	0.263	1.19	3.9
M357506		18.9	118.5	<0.002	0.45	1.89	11.6	2	2.3	366	0.66	0.38	13.6	0.258	1.42	4.2
M357507		47.3	129.0	<0.002	0.64	4.62	10.7	1	2.3	352	0.62	0.19	14.2	0.251	1.55	4.0
M357508		9730	137.5	<0.002	7.03	220	6.6	3	8.6	125.0	0.45	0.49	9.6	0.184	2.15	5.4
M357509		20.0	106.5	<0.002	0.37	2.61	10.4	1	1.9	933	0.78	0.16	12.5	0.259	1.42	4.6
M357510		36.7	142.5	<0.002	0.73	10.30	10.1	1	2.2	182.0	0.79	0.20	13.2	0.256	2.32	4.5
M357511		2010	162.0	<0.002	3.52	18.15	9.0	2	4.7	113.5	0.59	0.24	13.1	0.214	2.46	5.0
M357512		2.2	1.4	<0.002	<0.01	0.06	0.4	<1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357513		33.9	112.5	<0.002	1.47	9.87	8.0	1	2.4	113.5	0.48	0.12	10.6	0.200	1.81	6.4
M357514		22.3	120.0	<0.002	0.59	6.84	9.8	1	2.0	109.5	0.60	0.14	13.8	0.242	1.80	4.5
M357515		15.3	99.2	0.003	0.46	17.80	9.7	1	2.5	131.0	0.62	0.22	12.4	0.249	1.75	2.9
M357516		55.1	125.0	0.003	0.97	16.50	9.9	1	3.4	194.0	0.57	0.39	12.9	0.243	1.81	3.6
M357517		17.8	116.5	<0.002	0.34	11.10	10.2	1	2.7	281	0.62	0.23	11.4	0.261	1.58	3.0
M357518		52.4	121.0	0.002	1.03	16.60	9.6	1	3.3	197.5	0.56	0.46	11.3	0.233	1.76	3.2
M357519		29.0	165.0	<0.002	1.34	13.85	10.3	1	2.4	141.0	0.58	0.69	15.2	0.236	2.52	5.8
M357520		791	180.0	<0.002	2.35	56.1	10.3	1	3.7	96.4	0.61	0.23	12.7	0.244	3.11	6.4
M357521		42.8	121.5	0.002	1.13	14.20	10.4	1	2.8	301	0.77	0.40	11.5	0.244	1.95	4.1
M357522		72.6	124.0	<0.002	1.23	4.26	10.3	1	2.8	256	0.69	1.24	10.6	0.256	1.97	3.8
M357523		40.0	228	<0.002	2.26	10.10	10.6	1	8.5	64.2	0.45	1.63	14.9	0.204	2.77	2.9
M357524		31.1	159.0	0.002	1.52	8.42	10.2	1	3.5	125.0	0.56	0.63	13.3	0.231	2.84	3.4
M357525		529	217	0.002	5.02	11.15	10.7	1	6.2	42.3	0.27	0.51	12.0	0.125	2.85	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212353

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M357490		69	5.0	14.6	141	28.8	1	
M357491		52	4.6	9.9	>10000	37.6	113	1.535
M357492		65	5.6	13.6	99	29.3	1	
M357493		70	4.7	16.5	43	30.2	1	
M357494		57	6.7	12.8	5500	23.6	7	
M357495		61	10.3	10.7	5550	27.6	74	
M357496		2	0.1	0.9	32	<0.5	<1	
M357497		67	13.3	13.2	269	29.8	5	
M357498		67	10.1	11.8	1020	28.0	3	
M357499		69	6.7	12.7	1110	29.2	1	
M357500		72	2.0	15.0	61	30.6	1	
M357501		70	1.8	14.5	68	28.8	<1	
M357502		76	1.6	18.5	41	32.6	<1	
M357503		74	1.8	14.6	41	32.1	<1	
M357504		72	2.7	11.1	63	31.8	1	
M357505		73	21.2	16.6	35	30.6	<1	
M357506		77	6.3	18.6	32	31.7	<1	
M357507		71	1.6	16.5	60	29.0	<1	
M357508		53	4.5	10.1	>10000	37.7	115	1.515
M357509		74	1.4	16.1	29	31.8	<1	
M357510		74	3.1	15.4	51	34.9	<1	
M357511		61	3.8	14.3	7880	28.0	11	
M357512		2	0.1	0.8	17	<0.5	<1	
M357513		57	3.4	13.2	79	20.7	<1	
M357514		63	3.7	14.7	64	27.6	<1	
M357515		69	4.0	13.0	44	24.7	<1	
M357516		69	1.9	13.7	55	26.1	<1	
M357517		75	2.1	15.0	41	30.1	<1	
M357518		66	2.2	12.8	54	27.4	<1	
M357519		65	3.8	14.4	59	25.6	1	
M357520		70	5.5	15.4	3630	25.8	3	
M357521		73	1.6	15.1	91	30.5	<1	
M357522		75	2.0	13.7	119	28.4	<1	
M357523		70	2.8	11.2	48	28.5	2	
M357524		72	2.1	12.8	68	27.0	<1	
M357525		68	2.9	8.2	1940	23.3	2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212353

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212354

Project: Klaza-125

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

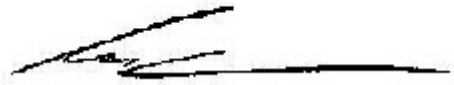
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212354

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357418		4.83	0.168	0.81	7.97	72.9	1960	1.56	3.70	0.40	5.42	54.3	15.3	46	12.20	131.5
M357419		5.24	0.179	0.38	7.77	92.7	1640	1.97	3.31	1.97	3.70	41.3	13.7	46	12.25	182.0
M357420		5.39	2.53	0.47	7.32	35.1	1920	2.06	32.3	2.02	1.58	38.1	9.7	16	10.40	58.3
M357421		4.04	0.095	0.36	6.65	57.1	1730	1.65	3.63	1.64	1.87	36.7	6.7	17	9.38	110.0
M357422		7.68	0.113	0.77	7.20	72.0	1930	1.77	8.57	2.08	4.84	38.6	7.2	15	10.30	82.4
M357423		8.09	0.081	0.78	7.28	69.2	1850	1.69	3.43	1.69	12.35	43.1	6.8	15	11.85	156.5
M357424		<0.02	0.118	0.69	7.19	62.3	1840	1.69	3.54	1.63	11.20	40.1	6.5	15	11.10	146.5
M357425		7.91	0.070	1.39	7.45	66.6	1200	1.85	2.78	1.70	16.20	43.6	8.2	16	11.50	179.0
M357426		3.97	0.174	2.91	7.37	178.0	800	1.83	2.18	1.77	31.2	48.2	11.4	33	12.45	304
M357427		2.33	0.986	7.34	6.17	784	620	1.41	3.44	0.09	7.62	48.6	3.0	22	15.95	232
M357428		0.25	2.22	25.9	5.82	3440	1820	1.53	18.90	2.20	78.7	44.2	10.9	19	14.60	443
M357429		8.23	0.130	1.33	7.65	76.0	1940	1.69	0.65	2.36	17.35	45.1	9.8	8	19.10	120.5
M357430		3.12	0.107	1.16	7.09	85.0	1680	1.62	0.95	2.71	14.75	52.8	9.5	8	23.5	55.5
M357431		4.22	0.191	0.94	7.35	65.7	2410	1.95	1.36	1.68	8.16	44.4	13.3	10	17.65	48.9
M357432		3.11	0.108	0.85	6.80	47.8	2460	1.32	2.27	2.38	2.83	37.3	8.0	11	14.00	38.9
M357433		3.43	0.012	0.23	7.02	13.2	2550	1.55	1.07	2.52	0.53	40.4	6.6	10	17.00	16.1
M357434		2.76	0.089	0.75	7.04	64.8	2180	1.34	1.00	3.14	4.91	45.5	8.5	8	23.8	46.5
M357435		0.26	2.18	23.3	5.81	3410	1740	1.30	18.55	2.18	72.9	39.2	9.9	20	13.00	435
M357436		3.26	0.183	0.77	7.18	53.3	2120	1.90	0.86	2.43	12.70	43.4	8.9	12	16.80	32.1
M357437		3.35	0.114	0.46	7.12	36.9	2370	1.32	1.45	2.25	3.54	47.4	16.0	10	14.60	55.1
M357438		2.25	1.480	0.32	7.06	44.1	370	1.68	3.38	2.27	0.65	46.9	70.6	8	15.00	38.0
M357439		3.76	0.942	4.50	6.14	185.0	1710	1.48	9.69	2.34	4.15	44.8	113.5	9	14.90	84.9
M357440		3.39	0.460	74.6	5.94	218	780	1.42	56.7	1.76	13.10	43.5	14.8	9	12.50	1610
M357441		3.30	0.430	8.73	7.32	114.0	960	1.90	39.8	1.96	14.25	56.5	8.0	13	23.8	43.4
M357442		2.25	<0.005	0.32	0.11	<5	330	0.07	0.15	20.2	0.11	1.46	0.7	<1	0.28	3.9
M357443		4.67	<0.005	0.63	7.09	28.2	1750	2.27	0.24	2.53	2.40	66.4	6.8	28	27.6	16.3
M357444		7.48	0.021	0.73	6.92	38.5	2000	2.15	0.70	2.54	0.97	53.3	6.8	24	25.8	36.8
M357445		8.19	0.124	2.83	7.62	47.0	2170	2.23	7.40	3.13	1.69	54.5	10.5	24	23.7	254
M357446		7.52	<0.005	0.21	7.08	8.4	1430	1.84	0.14	2.74	1.14	50.8	6.6	11	24.3	6.2
M357447		2.66	<0.005	0.40	6.81	9.8	1520	2.08	0.16	2.63	1.08	49.6	6.8	11	24.5	51.4
M357448		7.49	0.012	0.11	6.91	10.1	1200	1.72	0.14	3.33	1.38	51.8	6.8	10	22.5	13.1
M357449		8.35	<0.005	0.13	6.97	10.7	1300	1.88	0.27	2.91	0.85	49.4	7.5	13	23.7	13.0
M357450		8.04	0.041	0.70	6.75	22.9	1160	2.49	1.07	2.66	2.83	44.2	6.9	21	25.2	28.5
M357451		2.53	<0.005	0.05	0.06	<5	20	<0.05	0.03	20.1	0.06	0.93	0.6	<1	0.21	1.5
M357452		7.89	<0.005	0.10	6.89	6.6	1010	2.12	0.08	0.89	0.13	40.5	1.7	3	20.0	1.6
M357453		7.93	<0.005	0.04	6.97	4.0	1210	2.02	0.04	1.21	0.03	40.4	1.5	3	20.0	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357418		4.14	18.50	0.14	1.7	0.351	3.49	27.4	34.2	0.41	563	2.39	0.13	8.2	11.6	770
M357419		3.71	21.2	0.07	1.7	0.324	3.55	20.4	49.6	0.66	393	3.43	0.07	8.8	8.9	1050
M357420		2.59	18.00	0.09	1.4	0.450	3.40	20.1	14.0	0.78	318	2.00	0.10	8.6	4.6	620
M357421		2.30	17.00	0.06	1.5	0.320	3.43	18.0	11.8	0.68	315	1.71	0.08	8.6	3.6	620
M357422		2.79	18.20	0.07	1.5	0.562	3.21	19.4	67.9	0.85	668	1.49	0.13	8.9	4.3	600
M357423		2.53	18.40	0.09	1.6	0.364	3.33	21.3	39.6	0.78	845	1.79	0.10	9.0	4.3	640
M357424		2.51	17.30	0.06	1.5	0.361	3.24	20.0	36.7	0.76	815	1.60	0.10	8.6	4.2	610
M357425		3.07	17.60	0.10	1.5	0.216	3.53	22.6	19.5	0.82	696	1.82	0.07	8.3	4.5	640
M357426		4.00	18.25	0.11	2.0	0.383	3.40	25.7	14.6	0.88	2050	2.40	0.05	7.6	7.1	860
M357427		6.10	16.50	0.07	1.0	1.920	2.56	26.7	20.1	0.29	181	6.97	0.03	4.5	2.2	780
M357428		6.36	14.20	0.08	0.9	1.600	2.65	23.1	23.6	0.89	1900	12.90	0.04	6.0	15.3	440
M357429		3.32	16.45	0.06	1.0	0.138	2.32	22.9	43.5	0.83	760	1.02	0.13	8.0	3.0	640
M357430		3.26	16.70	0.11	1.1	0.073	2.79	27.4	22.0	0.95	760	3.17	0.07	8.0	3.0	620
M357431		3.63	16.80	0.08	1.0	0.094	3.15	20.5	29.8	0.61	406	3.53	0.71	8.1	4.3	660
M357432		3.10	15.70	0.10	1.0	0.110	2.79	17.7	52.9	0.64	578	0.72	0.28	7.4	3.2	600
M357433		2.89	16.40	0.08	1.0	0.074	2.66	18.1	40.2	0.66	530	0.93	1.44	7.9	2.7	610
M357434		3.09	15.80	0.09	1.0	0.070	2.65	23.2	18.7	1.08	651	1.01	0.13	7.3	3.0	590
M357435		6.38	12.85	0.09	0.9	1.445	2.62	20.9	21.7	0.90	1860	11.45	0.04	5.3	13.9	440
M357436		3.28	17.70	0.09	1.2	0.098	2.73	20.5	25.9	0.78	582	0.97	1.22	8.7	3.1	680
M357437		3.23	15.95	0.07	1.0	0.104	2.79	24.1	28.4	0.73	541	1.39	0.64	7.7	2.9	600
M357438		4.74	16.45	0.10	1.0	0.102	3.00	22.7	23.3	0.64	343	2.45	1.09	7.7	3.5	620
M357439		7.93	13.95	0.12	0.8	0.142	2.58	25.8	17.2	0.96	663	5.14	0.04	5.4	5.3	490
M357440		4.94	12.80	0.07	0.8	0.173	2.44	23.4	22.3	0.76	595	2.18	0.04	4.6	3.1	480
M357441		3.28	17.75	0.09	1.8	0.163	2.88	30.3	19.8	0.83	1200	2.18	0.07	8.9	7.7	580
M357442		0.47	0.28	0.05	<0.1	0.011	0.05	0.7	1.4	12.45	211	0.10	0.01	0.3	1.8	170
M357443		2.57	19.15	0.10	4.0	0.031	2.68	33.2	21.8	1.03	920	1.31	0.08	10.8	14.6	900
M357444		2.10	18.65	0.08	3.2	0.043	2.84	25.7	19.3	0.94	584	1.32	0.07	10.4	12.3	860
M357445		2.69	19.15	0.11	3.4	0.069	2.82	25.7	37.8	1.18	548	12.45	0.07	9.1	12.0	910
M357446		2.51	18.75	0.11	2.4	0.035	2.79	23.7	25.2	1.03	521	0.55	0.05	8.4	5.8	790
M357447		2.46	19.65	0.09	2.5	0.038	2.76	23.3	25.6	0.98	512	0.56	0.05	8.9	5.7	780
M357448		2.52	17.45	0.12	2.1	0.033	2.81	22.8	22.3	1.18	633	0.60	0.05	8.0	4.5	780
M357449		2.42	17.95	0.12	2.6	0.033	2.58	23.9	28.8	1.10	593	0.56	0.05	8.1	7.2	770
M357450		2.51	17.00	0.09	3.1	0.084	2.79	20.0	20.0	0.98	750	2.73	0.07	9.3	8.7	700
M357451		0.45	0.18	0.06	<0.1	0.010	0.02	<0.5	1.0	12.35	211	0.08	<0.01	0.1	1.6	180
M357452		1.30	18.65	0.08	2.5	0.017	2.76	19.9	15.0	0.40	396	1.03	0.08	14.4	1.1	330
M357453		1.31	18.65	0.11	2.6	0.021	2.92	20.0	11.2	0.49	417	0.41	0.06	15.2	0.9	330

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357418		50.6	179.5	<0.002	0.43	9.94	12.1	2	4.4	71.0	0.61	0.35	11.7	0.252	2.99	3.4
M357419		17.6	150.5	<0.002	1.39	10.25	13.1	1	2.5	68.6	0.57	0.40	10.0	0.234	2.93	3.0
M357420		26.9	138.5	<0.002	0.99	5.42	7.5	1	1.9	78.1	0.62	0.34	10.1	0.186	2.80	2.2
M357421		17.0	154.0	<0.002	0.99	10.95	6.9	<1	2.0	67.3	0.65	0.39	9.8	0.194	3.08	2.2
M357422		53.9	142.5	<0.002	1.20	13.55	7.1	<1	1.8	98.0	0.65	0.31	10.0	0.187	3.21	2.6
M357423		41.7	166.5	<0.002	0.96	13.60	7.2	1	1.5	73.5	0.68	0.20	10.6	0.192	3.03	3.0
M357424		41.2	157.0	<0.002	0.94	11.75	6.7	<1	1.4	70.7	0.67	0.21	10.3	0.191	3.06	2.8
M357425		71.1	193.5	<0.002	1.40	15.60	7.3	1	2.1	60.8	0.63	0.38	11.1	0.187	3.53	2.9
M357426		162.0	207	0.002	1.94	28.9	10.9	1	3.2	61.5	0.59	0.44	10.4	0.219	3.89	5.9
M357427		1300	186.5	0.002	0.40	42.8	9.3	<1	12.7	102.0	0.41	1.05	11.1	0.165	2.67	4.4
M357428		2730	164.5	0.002	4.66	93.9	8.3	1	7.7	90.0	0.46	0.35	10.9	0.180	2.30	4.9
M357429		65.6	86.4	<0.002	0.42	27.0	11.0	<1	2.1	165.0	0.65	0.08	13.1	0.253	1.61	3.0
M357430		67.5	111.0	<0.002	0.54	13.20	11.5	1	3.0	126.0	0.63	<0.05	13.6	0.242	1.56	3.5
M357431		96.7	125.5	<0.002	0.80	11.10	11.4	1	3.3	188.0	0.67	0.25	12.7	0.259	1.70	2.4
M357432		63.9	93.5	<0.002	0.53	9.90	9.7	<1	2.4	176.0	0.61	0.44	10.1	0.242	1.47	2.4
M357433		23.5	86.5	<0.002	0.15	5.61	10.0	1	1.8	330	0.64	<0.05	10.6	0.251	1.24	2.2
M357434		89.8	88.2	<0.002	0.48	17.70	10.3	<1	2.2	159.0	0.59	0.24	12.2	0.237	1.48	3.6
M357435		2720	148.5	<0.002	4.66	84.9	7.7	<1	7.2	82.9	0.45	0.34	10.7	0.177	2.34	4.8
M357436		68.2	105.0	<0.002	0.52	12.20	12.0	1	4.0	284	0.69	0.07	11.8	0.265	1.41	3.2
M357437		37.1	101.0	<0.002	0.62	17.75	10.5	<1	2.1	202	0.59	0.56	12.6	0.241	1.39	3.1
M357438		30.4	114.0	0.002	2.90	8.33	10.9	1	2.9	291	0.56	1.84	11.6	0.240	1.46	3.7
M357439		108.0	151.0	0.002	7.19	34.2	9.2	4	3.9	126.0	0.45	4.57	12.5	0.179	1.93	5.7
M357440		235	141.0	<0.002	3.92	795	8.5	<1	5.3	122.0	0.40	2.34	11.0	0.169	1.79	4.2
M357441		452	131.0	<0.002	1.26	21.1	11.0	1	3.3	218	0.66	23.5	13.4	0.244	2.03	5.4
M357442		2.3	1.9	<0.002	0.01	1.10	0.2	<1	0.2	47.2	<0.05	<0.05	0.2	0.006	0.02	0.6
M357443		50.8	93.9	<0.002	0.08	15.05	6.3	1	1.7	271	0.73	<0.05	11.4	0.261	1.53	4.6
M357444		77.2	86.9	0.002	0.19	17.80	5.4	1	1.7	239	0.76	0.07	9.8	0.249	1.60	5.1
M357445		55.7	84.9	<0.002	0.13	37.8	8.4	1	1.7	377	0.58	<0.05	8.7	0.315	1.23	4.3
M357446		18.4	89.6	0.002	0.04	12.80	7.9	<1	1.4	280	0.59	<0.05	8.0	0.278	1.26	3.3
M357447		18.3	92.4	<0.002	0.04	16.85	8.3	<1	1.5	268	0.60	<0.05	7.9	0.275	1.25	3.4
M357448		28.9	85.0	<0.002	0.08	15.80	7.3	<1	2.2	311	0.53	<0.05	8.0	0.272	1.30	2.9
M357449		22.5	96.0	<0.002	0.05	18.20	8.4	1	2.0	279	0.57	<0.05	8.2	0.274	1.34	3.7
M357450		146.5	93.4	<0.002	0.29	11.50	7.4	<1	2.9	282	0.72	<0.05	7.4	0.268	1.48	5.4
M357451		1.5	1.2	<0.002	<0.01	0.10	0.2	<1	<0.2	38.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357452		29.6	117.5	<0.002	0.15	3.27	2.6	<1	1.8	133.0	1.53	<0.05	9.1	0.129	1.25	3.0
M357453		30.1	128.5	<0.002	0.03	2.37	2.7	<1	2.6	136.0	1.46	<0.05	8.8	0.129	1.27	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357418		86	4.0	12.8	354	53.9	<1
M357419		91	3.9	10.8	215	62.8	<1
M357420		59	1.8	8.3	105	45.2	<1
M357421		59	2.3	8.1	105	45.8	<1
M357422		55	1.7	9.2	272	47.5	<1
M357423		58	1.9	10.3	373	49.6	<1
M357424		57	2.0	9.7	367	46.2	<1
M357425		58	2.6	8.8	376	47.6	1
M357426		79	4.3	12.5	1040	56.8	2
M357427		69	6.6	6.0	1060	29.1	8
M357428		59	5.2	9.0	5580	24.7	25
M357429		75	2.1	14.3	879	23.6	<1
M357430		72	1.5	15.4	838	25.1	<1
M357431		77	1.5	12.6	717	25.2	<1
M357432		70	2.7	12.3	294	21.6	<1
M357433		74	1.9	12.9	83	23.5	<1
M357434		68	2.6	14.0	381	23.8	<1
M357435		57	5.0	8.1	5450	22.3	25
M357436		82	3.1	14.7	659	27.9	1
M357437		70	2.1	13.1	270	22.9	1
M357438		72	0.9	12.8	93	25.8	1
M357439		58	4.2	11.5	274	20.4	5
M357440		58	4.5	10.5	471	18.0	77
M357441		68	3.8	14.7	1300	63.7	7
M357442		2	0.1	0.8	18	0.6	<1
M357443		53	1.5	12.1	391	155.5	1
M357444		53	1.9	9.7	123	120.5	1
M357445		80	2.0	12.1	145	130.0	3
M357446		70	2.6	11.9	126	80.2	<1
M357447		69	2.8	12.1	126	82.6	1
M357448		68	2.9	11.5	174	72.7	1
M357449		70	2.8	12.5	138	89.0	<1
M357450		67	2.3	12.8	251	111.0	1
M357451		2	0.1	0.6	13	0.6	1
M357452		15	1.1	14.4	57	58.4	<1
M357453		15	1.8	14.8	55	61.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212354

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212393

Project: Klaza-123

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

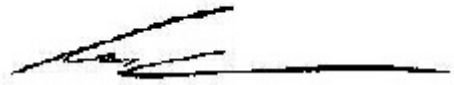
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12212393

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358630		3.22	0.034	0.60	7.13	32.2	1430	1.63	1.15	2.06	0.85	50.5	5.8	9	20.8	15.0
M358631		2.84	<0.005	0.03	0.06	<5	30	0.05	0.04	20.2	0.06	1.11	0.6	<1	0.13	2.8
M358632		4.13	0.266	3.23	6.45	195.0	1120	1.36	3.46	1.33	34.2	43.9	6.7	8	10.75	27.8
M358633		0.26	2.09	26.1	5.61	3170	600	1.35	21.8	2.30	78.7	41.8	11.2	19	13.85	441
M358634		3.75	0.125	1.33	7.25	46.1	1180	1.56	5.06	1.75	0.50	34.3	9.2	8	9.59	45.9
M358635		4.85	0.138	1.37	7.15	36.5	840	1.53	4.15	1.67	0.55	41.7	8.1	8	9.76	73.9
M358636		2.14	<0.005	0.05	0.14	<5	60	0.11	0.03	20.3	0.07	1.08	0.7	<1	2.01	3.3
M358637		4.06	0.042	0.67	6.74	45.1	1530	1.42	1.84	2.74	0.24	41.2	6.9	7	14.65	21.2
M358638		3.94	0.009	0.23	7.19	20.9	2270	1.59	1.19	2.61	0.10	50.4	7.3	10	12.65	25.5
M358639		3.75	0.009	0.39	7.20	24.4	1890	1.63	1.28	2.15	0.18	43.6	7.8	9	15.30	18.3
M358640		4.00	0.048	1.14	6.72	73.4	1560	1.58	2.15	2.88	2.19	45.9	7.7	8	15.35	30.1
M358641		4.52	0.027	0.73	6.92	45.8	2000	1.70	3.60	2.78	0.66	44.1	12.4	8	12.95	57.7
M358642		2.42	0.090	3.55	7.57	82.0	1090	2.47	2.73	2.44	45.7	63.9	14.5	8	15.65	49.3
M358643		5.70	<0.005	0.27	6.93	12.0	950	2.26	0.35	1.08	0.70	36.2	1.8	3	16.15	4.2
M358644		7.27	<0.005	0.05	6.53	9.9	810	2.25	0.18	1.72	0.08	33.4	1.6	3	16.00	1.1
M358645		7.64	<0.005	0.03	6.30	6.6	950	2.02	0.30	1.59	0.10	30.8	1.6	3	14.85	1.3
M358646		2.44	0.016	0.45	6.81	19.5	1170	2.50	1.63	0.78	4.27	38.1	2.1	3	17.00	15.5
M358647		2.47	0.054	2.31	7.43	95.0	760	2.54	2.31	1.87	16.00	47.6	8.7	7	21.2	43.3
M358648		5.85	0.027	0.61	7.27	38.9	1830	1.56	1.11	2.62	1.52	45.3	7.1	8	13.90	25.7
M358649		<0.02	0.030	0.65	7.13	38.5	1830	1.52	1.07	2.56	1.58	41.0	7.4	8	13.70	27.4
M358650		2.83	0.700	4.83	6.81	546	620	1.60	3.11	1.64	28.3	54.6	11.9	6	17.50	73.0
M358651		3.10	0.712	3.81	6.78	707	440	1.50	0.84	2.58	51.5	47.9	6.9	6	15.95	44.6
M358652		4.21	0.075	0.72	7.33	69.1	1530	1.51	0.48	1.80	5.11	43.0	6.9	8	15.05	18.2
M358653		3.99	0.331	22.3	7.14	165.5	860	1.63	39.2	2.16	78.3	46.5	8.3	7	21.1	51.1
M358654		3.99	0.064	2.89	7.21	47.4	1170	1.92	2.61	2.48	3.48	42.8	5.8	7	24.6	23.0
M358655		3.46	0.077	4.30	6.79	42.7	7290	1.67	0.83	2.00	8.88	50.5	4.6	4	20.0	29.4
M358656		3.02	0.141	3.49	7.49	70.4	2390	1.78	0.97	1.73	8.91	50.8	5.1	5	25.0	26.4
M358657		0.26	0.847	10.35	6.74	1695	1280	1.62	6.91	1.97	42.5	70.9	18.0	19	16.35	112.0
M358658		2.48	0.163	0.83	7.19	32.9	1680	1.95	0.25	2.18	2.16	49.5	4.8	4	25.3	18.7
M358659		2.48	1.725	3.60	6.26	313	460	1.51	0.89	2.88	29.3	41.7	4.6	6	16.95	31.1
M358660		3.69	0.990	4.35	6.67	288	660	1.66	0.57	2.98	9.00	44.7	7.6	6	18.00	30.8
M358661		3.16	0.100	0.55	7.06	46.9	2010	1.47	0.72	1.38	0.70	22.0	2.9	6	9.10	5.4
M358662		3.46	0.444	1.26	6.47	138.0	900	1.29	1.43	2.57	1.08	74.0	3.0	10	12.35	12.7
M358663		3.79	0.026	0.27	7.02	36.7	2700	1.28	0.69	2.69	0.24	50.6	8.0	8	16.25	12.9
M358664		1.44	0.024	0.25	7.09	38.7	2350	1.30	0.65	2.86	0.24	45.9	6.4	8	16.45	14.2
M358665		4.78	0.015	0.25	7.20	29.2	2210	1.30	0.79	2.70	0.19	44.1	9.1	8	15.40	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12212393

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358630		3.12	16.05	0.12	1.7	0.099	3.01	25.6	25.6	0.71	1120	1.13	0.22	7.9	2.7	580
M358631		0.45	0.18	0.08	<0.1	0.005	0.02	0.5	1.0	12.40	189	0.19	0.01	0.2	1.3	220
M358632		4.78	14.95	0.12	1.4	0.438	2.92	23.0	10.3	0.64	1400	5.19	0.06	6.2	2.6	530
M358633		6.71	14.00	0.14	1.0	1.480	2.60	21.7	22.3	0.93	1930	12.25	0.04	5.6	14.7	440
M358634		3.14	15.40	0.11	1.5	0.151	3.51	18.6	6.7	0.73	725	4.17	0.05	5.9	2.2	610
M358635		3.93	16.90	0.12	1.6	0.208	3.27	22.0	11.7	0.68	1400	1.25	0.16	6.3	2.4	570
M358636		0.51	0.43	0.06	<0.1	0.005	0.13	0.5	2.0	12.65	242	0.11	0.01	0.3	1.3	170
M358637		3.36	15.25	0.10	1.6	0.138	3.15	20.6	15.3	0.95	1590	1.52	0.40	7.0	2.5	600
M358638		2.43	16.65	0.14	1.7	0.084	3.09	22.8	14.9	0.64	665	0.75	1.29	7.4	2.6	640
M358639		1.89	16.50	0.12	1.6	0.065	3.04	21.2	24.8	0.54	515	1.14	1.09	7.5	2.5	650
M358640		3.28	15.75	0.11	1.5	0.151	2.89	22.1	25.2	0.92	1560	2.52	0.92	7.2	2.8	600
M358641		3.19	17.00	0.12	1.5	0.223	3.04	21.0	20.4	0.84	1240	2.08	1.19	7.7	3.1	640
M358642		3.65	16.35	0.14	1.7	1.050	3.40	32.9	9.6	0.86	2080	2.56	0.13	7.3	3.2	630
M358643		1.32	18.10	0.11	2.9	0.032	2.73	18.9	14.6	0.36	463	1.03	0.09	15.2	0.9	320
M358644		1.29	17.90	0.11	2.9	0.017	2.70	15.2	10.2	0.43	453	0.40	0.07	15.0	0.8	330
M358645		1.26	16.90	0.10	2.7	0.015	2.60	13.8	10.9	0.36	439	0.92	0.07	12.9	0.8	310
M358646		1.50	17.35	0.11	2.9	0.074	2.62	19.7	22.4	0.32	497	4.37	0.11	16.3	0.9	330
M358647		4.90	16.25	0.13	1.5	0.402	3.26	25.0	14.9	0.97	2090	4.14	0.09	7.2	2.7	620
M358648		3.54	15.35	0.12	1.4	0.118	2.88	23.2	19.2	0.84	1120	1.33	1.23	7.1	2.6	620
M358649		3.54	15.05	0.10	1.4	0.131	2.92	20.4	19.4	0.82	1140	1.39	1.22	7.0	2.7	620
M358650		4.96	14.80	0.12	1.4	0.941	3.18	29.9	10.5	0.78	3380	1.52	0.03	6.0	3.0	560
M358651		3.74	14.10	0.12	1.7	2.02	2.96	26.8	11.5	0.92	4100	1.50	0.04	6.6	2.6	560
M358652		3.50	16.30	0.12	1.7	0.205	2.71	21.0	41.7	0.74	1410	1.00	0.07	7.6	2.7	660
M358653		4.99	15.45	0.10	1.5	3.81	3.05	24.7	16.9	1.05	2960	1.22	0.05	6.7	2.8	620
M358654		3.43	17.00	0.11	1.8	0.120	3.12	21.3	42.5	0.82	1590	1.50	0.13	7.7	2.7	650
M358655		2.71	17.00	0.12	2.2	0.063	2.74	25.5	19.6	0.69	1520	2.28	0.04	8.2	2.1	810
M358656		2.84	19.10	0.12	2.4	0.165	3.04	23.7	25.8	0.68	1420	3.04	0.05	9.1	2.2	870
M358657		5.59	16.60	0.15	2.2	0.821	2.93	34.4	25.9	0.75	2050	12.10	0.31	18.0	16.8	520
M358658		2.73	18.45	0.12	2.4	0.052	2.87	23.9	26.9	0.73	1180	1.65	0.06	9.2	2.3	870
M358659		3.76	15.75	0.10	1.4	0.676	3.01	20.0	15.4	0.85	5680	3.43	0.03	6.6	2.4	540
M358660		4.02	15.50	0.12	1.4	0.317	2.86	23.8	19.0	0.94	4760	7.84	0.03	7.0	2.5	550
M358661		1.89	12.85	0.10	1.5	0.223	3.65	10.1	8.7	0.62	1670	4.30	0.04	5.5	1.8	580
M358662		3.83	14.85	0.14	1.3	0.315	3.20	37.6	9.8	0.85	3320	1.15	0.04	4.9	3.3	540
M358663		2.71	16.30	0.15	1.2	0.236	3.43	26.2	14.7	0.83	1110	0.87	0.24	6.7	3.0	590
M358664		2.75	17.00	0.15	1.2	0.255	3.56	23.0	12.3	0.89	1210	0.87	0.24	7.4	2.8	620
M358665		3.05	17.05	0.16	1.3	0.178	3.16	22.2	10.5	0.81	997	2.37	1.23	7.8	3.1	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12212393

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358630		45.7	126.0	0.003	0.50	6.47	10.6	<1	2.2	119.5	0.60	0.26	14.1	0.255	1.94	2.8
M358631		1.3	1.0	<0.002	<0.01	0.09	0.2	<1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358632		297	169.5	0.007	4.20	8.51	9.9	1	5.1	55.1	0.52	0.66	12.0	0.224	2.22	3.2
M358633		2850	165.0	<0.002	4.71	94.4	8.2	1	7.7	88.4	0.45	0.36	10.6	0.183	2.25	4.8
M358634		49.1	211	0.003	1.97	7.23	11.3	1	3.8	64.0	0.46	0.53	13.9	0.221	2.80	2.5
M358635		51.1	160.5	0.002	3.11	5.36	10.8	2	3.9	65.6	0.54	0.66	13.9	0.231	2.47	3.1
M358636		2.0	8.5	<0.002	0.02	0.10	0.2	<1	0.4	47.4	<0.05	<0.05	<0.2	0.005	0.05	0.6
M358637		28.6	152.5	0.003	1.74	5.59	10.4	1	2.1	148.0	0.57	0.23	12.6	0.261	2.64	4.2
M358638		13.7	140.0	<0.002	0.60	3.43	11.3	1	2.0	308	0.65	0.18	12.0	0.264	1.92	3.0
M358639		16.8	147.5	<0.002	0.29	31.2	12.0	<1	1.9	262	0.60	0.05	12.6	0.273	1.92	3.5
M358640		104.5	134.0	0.003	1.18	6.05	11.0	1	2.4	254	0.60	0.17	10.4	0.261	2.25	3.3
M358641		35.1	148.5	0.002	0.81	5.42	11.5	1	2.3	319	0.58	0.17	10.6	0.273	2.36	3.4
M358642		1825	189.0	0.003	1.37	12.70	10.9	1	5.1	171.0	0.64	0.13	14.2	0.256	2.93	25.1
M358643		47.5	108.0	<0.002	0.18	2.07	2.7	<1	2.7	113.5	1.48	<0.05	9.0	0.135	1.29	6.7
M358644		30.2	95.8	<0.002	0.18	1.54	2.6	<1	1.8	111.5	1.41	<0.05	7.8	0.134	1.18	5.1
M358645		30.1	88.8	0.002	0.09	1.51	2.4	<1	1.6	115.5	1.41	<0.05	7.6	0.131	1.24	3.7
M358646		184.0	113.5	<0.002	0.18	5.92	2.9	<1	2.6	185.0	1.44	0.05	9.3	0.138	1.52	8.9
M358647		422	197.0	<0.002	1.05	11.30	11.9	1	2.6	123.5	0.57	0.10	12.6	0.265	2.98	16.5
M358648		102.5	127.0	0.002	0.30	6.16	11.4	1	2.0	297	0.56	0.07	12.6	0.270	1.70	3.2
M358649		118.5	117.5	<0.002	0.31	6.32	10.9	1	2.0	293	0.54	0.11	12.5	0.272	1.82	3.0
M358650		623	222	0.002	2.95	18.90	10.1	<1	4.0	74.5	0.49	0.43	12.1	0.233	3.19	4.3
M358651		534	174.0	<0.002	2.30	13.55	10.4	<1	3.3	96.3	0.58	0.05	14.0	0.236	3.11	4.7
M358652		88.3	105.5	<0.002	0.34	10.85	11.9	1	2.1	139.0	0.61	<0.05	11.5	0.285	1.78	2.4
M358653		533	206	<0.002	1.83	12.90	11.0	1	3.9	188.5	0.49	0.12	11.8	0.265	2.70	4.1
M358654		130.5	141.0	0.003	0.25	20.6	10.4	<1	8.3	254	0.62	0.05	11.7	0.279	2.48	3.3
M358655		510	110.0	<0.002	0.41	26.0	5.2	1	1.5	270	0.63	<0.05	8.7	0.280	2.02	3.4
M358656		426	102.5	<0.002	0.39	19.75	5.5	1	1.6	279	0.66	<0.05	8.9	0.313	2.08	3.8
M358657		1390	166.0	<0.002	3.21	34.9	9.2	1	6.3	155.0	1.50	0.32	13.2	0.214	2.44	5.0
M358658		72.2	103.5	0.002	0.16	16.70	5.7	<1	1.6	265	0.68	<0.05	8.8	0.310	1.74	4.8
M358659		654	142.0	<0.002	2.63	11.30	9.7	<1	3.4	109.0	0.57	0.05	10.9	0.237	3.04	3.3
M358660		1345	149.5	<0.002	2.39	12.30	10.5	1	3.6	137.0	0.59	0.05	13.1	0.244	2.92	3.4
M358661		52.6	198.0	<0.002	0.71	22.9	10.1	<1	2.2	61.4	0.50	0.10	14.5	0.221	3.04	2.7
M358662		87.2	191.0	<0.002	2.81	9.05	10.1	1	3.2	104.0	0.45	0.23	12.0	0.200	2.80	2.4
M358663		17.9	145.5	<0.002	0.79	6.57	11.2	1	2.2	210	0.63	0.10	11.6	0.235	2.84	3.4
M358664		16.4	142.0	<0.002	0.67	6.74	11.2	1	2.3	214	0.64	0.08	10.9	0.246	2.93	3.4
M358665		19.8	129.0	<0.002	0.50	5.18	11.5	1	2.0	319	0.70	0.08	11.3	0.254	2.10	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12212393

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358630		67	1.8	14.2	149	47.2	<1
M358631		2	0.1	0.8	12	<0.5	<1
M358632		65	2.9	9.3	2020	34.2	4
M358633		55	5.0	9.5	5480	25.5	25
M358634		72	2.5	11.2	72	38.9	1
M358635		69	3.0	11.0	61	39.8	1
M358636		2	0.1	0.7	24	0.5	<1
M358637		72	1.8	12.4	51	42.3	1
M358638		77	2.3	13.1	32	43.4	<1
M358639		80	4.8	12.3	41	45.2	<1
M358640		75	1.9	13.1	212	38.6	1
M358641		77	1.5	13.8	99	39.5	<1
M358642		74	2.6	14.7	2430	44.4	3
M358643		15	1.6	14.1	98	59.7	<1
M358644		14	1.6	13.3	51	63.9	<1
M358645		14	1.1	12.8	53	54.0	1
M358646		17	2.9	13.8	337	61.4	<1
M358647		75	3.7	14.0	1240	37.5	3
M358648		75	1.2	14.4	171	40.2	<1
M358649		76	1.2	13.5	172	37.7	1
M358650		70	4.6	10.0	2140	35.4	5
M358651		65	4.5	12.8	3650	40.9	4
M358652		81	3.7	14.5	396	44.5	1
M358653		73	4.6	13.6	5230	39.5	23
M358654		73	3.4	14.4	372	48.3	3
M358655		42	2.9	10.7	818	60.1	4
M358656		48	3.0	11.5	758	69.1	4
M358657		58	5.3	13.4	3060	68.0	10
M358658		47	1.6	10.8	238	66.9	1
M358659		64	5.3	12.3	2270	36.8	4
M358660		65	5.0	13.7	736	38.6	5
M358661		65	4.3	9.2	82	39.2	1
M358662		65	2.7	12.5	125	34.3	1
M358663		73	2.2	14.9	59	36.4	<1
M358664		74	2.2	15.1	62	37.2	1
M358665		75	1.8	15.7	54	38.0	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza-123

CERTIFICATE OF ANALYSIS WH12212393

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12212394

Project: Klaza-125

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

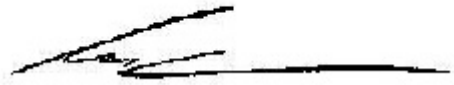
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212394

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357454		7.93	0.042	0.12	6.78	12.7	1390	2.33	0.11	1.02	0.29	37.6	2.2	3	19.45	4.3
M357455		2.98	0.012	0.25	6.94	19.8	1150	2.20	1.28	1.98	0.35	44.4	6.7	7	21.0	33.0
M357456		2.06	0.047	1.67	7.11	34.6	1270	2.14	2.04	2.14	5.72	41.5	7.8	6	24.2	63.3
M357457		0.26	2.22	24.6	5.64	3120	1190	1.30	20.7	2.07	74.3	41.6	10.4	17	12.60	415
M357458		2.93	0.010	0.16	6.94	12.8	2280	1.58	1.37	2.40	0.16	42.2	6.2	8	15.90	21.2
M357459		5.75	0.134	0.77	6.91	74.7	1480	1.54	2.05	2.24	1.38	62.7	20.3	8	21.0	177.5
M357460		4.11	0.261	1.46	6.48	54.3	680	1.44	3.64	2.27	1.37	40.9	20.7	10	12.70	50.8
M357461		4.02	0.134	0.51	7.20	28.8	1710	1.39	2.36	1.91	1.65	43.7	8.5	8	11.80	54.1
M357462		3.81	0.066	0.46	6.89	22.5	2230	1.60	1.05	2.39	2.14	41.8	7.1	8	11.35	24.3
M357463		5.26	0.079	0.32	7.26	34.3	2220	1.55	0.75	2.16	0.38	43.0	8.3	9	12.95	20.5
M357464		2.77	0.081	0.35	7.04	43.4	2070	1.61	0.72	2.20	0.52	41.1	7.6	8	13.75	19.2
M357465		3.79	0.289	0.66	6.99	82.7	1330	1.59	1.35	1.93	0.83	46.7	7.1	7	21.2	31.2
M357466		3.22	0.054	0.30	7.14	39.9	2380	1.74	1.19	2.47	0.66	47.4	7.0	8	13.15	25.3
M357467		2.88	0.296	0.50	7.08	62.9	1900	1.50	1.41	2.66	3.01	48.9	8.3	8	16.60	46.6
M357468		3.22	0.057	0.22	7.05	39.4	1780	1.48	0.58	2.16	0.38	44.2	7.1	8	14.80	20.2
M357469		4.37	0.113	0.49	6.66	78.6	2050	1.60	1.12	2.37	0.67	42.5	8.3	9	17.80	35.6
M357470		3.52	<0.005	0.04	0.10	<5	30	0.08	0.03	20.0	0.06	1.59	1.3	<1	0.28	3.2
M357471		3.79	0.030	0.53	7.48	22.0	2350	1.39	1.00	1.79	1.85	47.8	9.2	8	13.00	43.3
M357472		3.95	<0.005	0.38	6.84	14.0	930	1.85	0.34	2.39	0.69	51.4	6.7	24	23.1	20.4
M357473		7.59	<0.005	0.24	6.66	8.4	1050	2.05	0.18	2.64	1.37	47.8	5.3	12	24.4	9.8
M357474		7.29	<0.005	0.14	7.00	10.2	1500	2.06	0.15	2.77	0.52	58.3	5.3	11	24.0	8.8
M357475		<0.02	<0.005	0.17	7.03	10.6	1540	2.07	0.17	2.78	0.57	58.7	5.4	11	25.2	9.5
M357476		8.70	<0.005	0.35	6.79	8.1	1280	2.03	0.07	3.40	0.90	46.8	5.3	12	21.9	8.9
M357477		8.18	0.005	0.39	6.86	13.4	1380	2.00	0.24	2.71	0.71	48.3	6.2	19	22.1	12.1
M357478		4.14	0.197	4.47	6.92	103.5	730	1.70	4.37	2.20	23.4	60.0	14.5	9	19.05	102.0
M357479		4.46	0.114	2.75	6.91	89.0	870	1.60	3.69	2.21	1.46	62.1	23.3	7	18.95	85.4
M357480		0.26	2.30	25.5	5.65	3050	920	1.37	21.7	2.07	76.0	41.4	11.1	17	12.95	411
M357481		6.48	0.073	0.56	7.30	39.4	2400	1.42	2.28	1.94	0.37	55.3	29.1	8	14.45	34.2
M357482		3.01	0.770	4.19	5.96	179.0	120	1.17	9.31	2.26	1.88	72.1	107.5	9	13.95	233
M357483		2.91	0.076	0.84	6.36	64.9	1580	1.32	2.07	3.88	0.81	46.4	16.6	6	17.10	38.2
M357484		5.30	0.033	0.28	6.93	19.6	2290	1.53	1.14	2.54	0.99	42.8	10.9	10	14.10	22.2
M357485		3.68	0.200	0.69	6.81	44.4	690	1.34	2.81	2.15	0.44	56.0	36.2	8	11.85	35.7
M357486		3.19	0.182	2.07	5.51	153.5	900	1.55	3.35	2.87	3.66	43.9	52.4	7	16.80	71.0
M357487		3.30	<0.005	0.03	0.08	<5	30	<0.05	0.04	20.1	0.07	1.22	1.5	<1	0.24	2.9
M357488		4.76	0.079	0.34	6.73	69.1	590	1.44	1.77	2.42	0.42	46.3	31.5	7	15.20	16.1
M357489		3.44	0.096	0.56	7.47	68.8	1370	1.41	1.94	2.39	1.14	58.1	26.8	7	18.30	85.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212394

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357454		1.26	18.15	0.09	2.4	0.015	2.70	18.9	14.6	0.40	393	0.79	0.09	14.4	1.1	320
M357455		2.55	16.00	0.14	1.4	0.069	2.38	23.3	68.5	0.70	506	1.32	0.13	8.7	2.2	500
M357456		3.07	16.15	0.16	1.1	0.108	2.58	21.9	72.0	0.79	826	1.54	0.56	6.8	1.8	540
M357457		6.28	14.10	0.15	0.9	1.585	2.51	22.9	24.8	0.85	1780	12.80	0.04	5.7	13.6	420
M357458		2.81	15.90	0.19	1.0	0.066	2.67	21.4	24.7	0.66	465	1.51	1.95	7.2	1.8	570
M357459		3.31	16.20	0.19	1.0	0.165	2.92	37.0	29.5	0.94	855	4.26	0.65	7.0	2.2	550
M357460		3.45	14.65	0.19	0.8	0.118	2.84	21.8	38.4	0.81	657	4.32	0.71	5.9	2.2	550
M357461		3.01	16.05	0.19	1.0	0.134	2.41	22.3	54.7	0.72	571	1.19	0.19	7.8	2.2	640
M357462		2.89	16.05	0.21	0.9	0.127	2.61	21.3	29.6	0.70	534	2.31	1.54	7.4	1.8	590
M357463		3.01	16.60	0.22	1.0	0.082	2.69	21.7	35.0	0.68	701	2.35	1.05	7.7	2.0	610
M357464		2.83	16.05	0.21	1.1	0.072	2.69	20.3	34.3	0.69	709	1.94	1.04	7.8	2.3	600
M357465		2.48	15.70	0.19	1.0	0.062	2.51	24.9	51.9	0.70	877	1.39	0.04	7.3	2.1	600
M357466		3.11	16.55	0.24	1.0	0.066	2.67	24.2	36.1	0.76	678	1.11	1.32	7.8	1.9	610
M357467		3.03	17.10	0.21	0.9	0.150	2.76	25.7	41.6	0.80	804	1.69	0.20	7.7	2.2	600
M357468		2.87	16.25	0.20	1.0	0.067	2.69	22.1	51.2	0.75	745	3.60	0.23	8.0	2.0	620
M357469		2.71	15.45	0.19	0.9	0.077	2.74	22.1	41.9	0.78	869	3.52	0.52	7.0	2.4	560
M357470		0.48	0.54	0.12	<0.1	<0.005	0.04	0.8	1.4	11.85	202	0.15	0.01	0.5	<0.2	180
M357471		2.95	17.35	0.20	1.0	0.066	2.86	24.1	52.4	0.70	643	20.1	0.11	8.2	3.0	640
M357472		2.09	18.75	0.20	3.4	0.026	2.84	26.5	27.1	0.81	546	0.85	0.07	8.7	16.8	630
M357473		2.05	17.95	0.20	1.9	0.029	2.88	23.8	21.8	0.77	658	0.71	0.06	8.2	6.3	750
M357474		2.38	17.80	0.21	2.5	0.025	2.57	29.4	33.1	0.69	575	0.88	0.34	11.3	2.4	860
M357475		2.39	18.40	0.22	2.6	0.026	2.61	29.0	33.5	0.69	586	0.88	0.32	11.6	2.6	870
M357476		2.24	17.80	0.19	1.7	0.032	3.00	22.8	17.4	0.88	558	0.48	0.07	8.5	4.7	790
M357477		2.15	18.70	0.18	2.7	0.030	3.01	23.7	21.0	0.78	523	0.65	0.06	8.9	12.5	730
M357478		3.16	16.05	0.20	1.4	0.563	2.82	35.6	34.8	0.87	1400	35.9	0.05	7.3	4.7	550
M357479		3.04	15.60	0.20	1.1	0.127	2.67	37.5	36.9	0.88	852	14.95	0.04	7.1	2.5	550
M357480		6.27	13.95	0.20	0.9	1.635	2.50	22.4	23.9	0.84	1760	12.45	0.04	5.9	14.8	410
M357481		3.08	16.65	0.25	1.1	0.101	3.46	31.3	48.3	0.64	476	3.51	0.45	7.6	2.3	600
M357482		6.60	13.40	0.26	0.9	0.163	2.63	44.9	23.3	0.55	883	12.95	0.06	5.7	5.3	510
M357483		3.31	14.35	0.20	0.9	0.089	2.69	26.1	18.6	1.16	1180	4.36	0.15	6.4	1.9	500
M357484		2.96	16.15	0.25	1.0	0.086	2.98	21.9	27.3	0.67	602	3.23	1.41	7.6	2.1	570
M357485		3.43	15.50	0.30	1.0	0.069	3.39	32.6	32.3	0.71	456	11.70	0.53	7.3	2.7	570
M357486		5.32	12.70	0.21	1.1	0.089	2.35	25.1	17.4	0.99	1500	5.25	0.04	5.4	5.2	420
M357487		0.47	0.44	0.07	<0.1	0.005	0.03	0.6	1.2	12.10	205	0.14	0.01	0.3	<0.2	200
M357488		3.46	14.95	0.20	1.0	0.058	2.62	25.3	86.2	0.69	875	9.58	0.06	7.0	2.5	560
M357489		3.49	16.75	0.22	1.0	0.115	2.75	33.3	27.9	0.90	820	3.91	0.06	7.5	2.6	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212394

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357454		29.0	108.0	<0.002	0.11	2.76	2.7	<1	2.3	133.5	1.47	<0.05	8.6	0.131	1.17	4.4
M357455		18.1	96.8	<0.002	0.21	7.78	9.0	1	4.1	265	0.80	0.11	10.3	0.211	1.29	4.9
M357456		1520	118.5	<0.002	0.42	13.60	9.4	1	2.7	335	0.59	0.21	10.9	0.220	1.75	4.1
M357457		2740	154.0	<0.002	4.40	82.9	7.8	1	7.3	85.3	0.45	0.37	10.3	0.166	2.21	5.0
M357458		17.0	96.6	<0.002	0.15	4.17	10.0	1	1.7	401	0.62	0.09	11.1	0.231	1.23	3.3
M357459		77.4	130.0	<0.002	1.19	10.50	10.8	1	3.8	260	0.55	0.38	11.9	0.221	1.97	9.0
M357460		63.4	120.0	<0.002	1.86	8.03	9.9	1	2.8	226	0.44	1.32	9.9	0.200	1.69	4.9
M357461		54.9	92.5	<0.002	0.95	14.75	11.8	1	2.6	135.5	0.62	0.59	11.7	0.251	1.39	2.6
M357462		83.1	99.9	<0.002	0.45	9.98	10.4	1	2.1	318	0.56	0.18	10.3	0.236	1.34	3.7
M357463		30.9	113.0	<0.002	0.54	7.06	11.9	1	1.7	251	0.61	0.12	12.6	0.249	1.52	4.1
M357464		25.5	109.0	<0.002	0.46	6.93	11.4	1	1.8	246	0.64	0.09	11.9	0.248	1.58	3.4
M357465		31.5	120.5	<0.002	0.83	14.05	11.4	1	2.0	132.5	0.56	0.15	13.8	0.232	2.18	4.7
M357466		27.9	114.5	<0.002	0.53	6.05	11.5	1	1.8	272	0.61	0.19	13.2	0.244	1.48	3.0
M357467		64.9	113.5	<0.002	0.70	10.10	11.3	1	2.9	176.5	0.61	0.16	12.7	0.241	1.69	3.9
M357468		16.5	110.5	<0.002	0.38	10.00	11.7	1	2.5	167.5	0.61	0.10	12.8	0.253	1.53	4.5
M357469		29.1	123.5	<0.002	0.82	14.05	10.6	1	2.0	204	0.53	0.16	12.1	0.225	1.95	4.0
M357470		1.3	1.8	<0.002	<0.01	0.06	<0.1	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M357471		34.9	109.5	<0.002	0.36	7.08	11.8	1	2.1	163.5	0.59	0.15	11.7	0.265	1.38	2.2
M357472		39.4	109.5	<0.002	0.15	5.99	6.1	1	2.2	248	0.68	0.05	10.3	0.248	1.57	7.2
M357473		76.7	116.5	<0.002	0.10	5.52	5.6	1	1.7	334	0.61	<0.05	9.0	0.242	1.65	3.8
M357474		42.3	99.6	<0.002	0.03	8.94	5.8	1	1.8	550	0.75	<0.05	10.4	0.240	1.40	5.2
M357475		44.2	100.0	<0.002	0.03	9.34	5.9	1	2.0	542	0.79	<0.05	10.5	0.245	1.43	5.3
M357476		49.6	105.5	<0.002	0.04	4.42	5.6	1	1.5	423	0.62	<0.05	8.7	0.254	1.53	3.8
M357477		56.7	106.0	<0.002	0.08	4.21	5.8	1	1.4	350	0.67	<0.05	9.8	0.255	1.54	6.0
M357478		944	167.5	0.002	1.79	13.85	9.9	1	3.9	167.5	0.63	0.55	14.9	0.215	2.26	5.7
M357479		332	145.0	<0.002	1.47	15.35	10.4	1	2.8	146.5	0.64	0.65	15.7	0.212	2.07	7.4
M357480		2730	163.5	<0.002	4.39	83.2	7.9	2	7.5	88.1	0.44	0.40	11.3	0.167	2.23	5.9
M357481		30.0	147.5	<0.002	1.10	7.43	11.3	1	3.0	207	0.61	0.40	14.9	0.236	1.96	5.1
M357482		264	141.0	<0.002	6.32	12.55	9.0	3	4.8	81.9	0.48	3.66	11.8	0.184	2.22	9.2
M357483		94.1	128.5	<0.002	1.38	8.21	9.4	1	2.0	162.5	0.50	0.25	12.0	0.200	1.89	5.0
M357484		26.9	119.0	<0.002	0.62	3.81	10.4	1	2.0	303	0.60	0.22	12.6	0.234	1.48	4.6
M357485		24.9	141.0	<0.002	1.79	5.84	10.5	1	3.1	214	0.63	0.83	13.5	0.220	1.85	5.9
M357486		133.5	144.5	<0.002	4.43	11.80	7.4	2	3.9	120.5	0.44	0.93	11.2	0.167	2.16	12.1
M357487		1.7	1.8	<0.002	0.01	0.05	<0.1	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357488		26.1	101.5	<0.002	1.92	5.98	9.7	1	2.3	155.5	0.57	0.56	11.3	0.226	1.77	4.5
M357489		42.7	148.5	<0.002	1.66	9.05	10.9	1	3.2	127.0	0.59	0.54	14.6	0.234	2.01	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212394

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357454		17	1.6	13.3	73	56.1	<1
M357455		56	1.8	15.4	69	32.0	1
M357456		60	2.0	13.5	415	24.1	2
M357457		53	4.9	10.0	5150	23.5	25
M357458		65	1.5	14.2	41	22.1	<1
M357459		65	2.0	15.2	142	23.0	1
M357460		61	1.4	12.0	121	18.7	1
M357461		69	2.3	14.7	109	21.5	1
M357462		67	1.5	13.6	108	21.4	1
M357463		73	2.6	15.3	56	22.8	<1
M357464		70	3.5	15.0	64	23.1	1
M357465		65	5.3	13.7	87	21.9	1
M357466		69	2.0	16.0	70	22.0	1
M357467		70	3.1	16.9	209	22.0	1
M357468		71	3.0	16.4	54	22.9	1
M357469		64	5.4	14.5	67	21.3	1
M357470		2	0.1	0.9	15	<0.5	<1
M357471		73	6.7	16.5	106	23.1	1
M357472		50	1.2	12.3	117	119.5	<1
M357473		45	1.2	11.9	150	53.7	<1
M357474		47	1.3	12.9	148	83.1	<1
M357475		50	1.3	13.0	155	84.9	<1
M357476		47	2.6	12.1	127	46.5	<1
M357477		49	1.4	11.9	118	87.3	<1
M357478		62	7.8	15.5	1580	40.4	4
M357479		64	9.1	15.9	96	24.5	3
M357480		52	4.7	10.2	5100	24.9	25
M357481		71	2.6	15.0	53	25.9	<1
M357482		63	4.6	14.6	112	20.9	4
M357483		60	10.4	15.8	76	20.9	<1
M357484		66	5.2	14.8	106	23.9	<1
M357485		64	2.3	14.5	56	24.3	<1
M357486		47	4.0	12.3	238	32.4	2
M357487		2	0.1	1.0	16	<0.5	<1
M357488		63	4.1	13.4	53	22.8	<1
M357489		69	3.1	16.1	78	24.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12212394

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213448

Project: KLAZA-Soil

P.O. No.: Batch 1

This report is for 172 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89100		0.42	0.005	<0.2	1.39	8	<10	130	<0.5	<2	0.47	<0.5	8	39	12	2.50
CC89101		0.30	<0.005	0.2	2.06	14	<10	230	0.6	<2	0.54	<0.5	9	55	33	3.26
CC89102		0.23	<0.005	<0.2	1.47	8	<10	180	<0.5	<2	0.56	<0.5	9	38	19	2.62
CC89103		0.50	<0.005	<0.2	1.51	12	<10	160	0.5	2	0.51	<0.5	8	40	21	2.56
CC89104		0.62	<0.005	<0.2	1.47	9	<10	190	0.5	<2	0.52	<0.5	9	40	24	2.69
CC89105		0.25	0.031	<0.2	1.34	7	<10	190	<0.5	<2	0.45	<0.5	7	32	26	2.20
CC89106		0.50	<0.005	<0.2	1.84	19	<10	210	0.6	<2	0.43	<0.5	8	40	21	3.74
CC89107		0.49	<0.005	<0.2	1.42	7	<10	180	<0.5	<2	0.55	<0.5	9	31	23	2.70
CC89108		0.36	<0.005	<0.2	1.25	6	<10	170	<0.5	<2	0.51	<0.5	8	20	17	2.10
CC89109		0.21	<0.005	0.2	1.48	18	<10	360	1.0	<2	0.63	<0.5	19	36	47	5.01
CC89110		0.34	0.008	0.2	0.99	18	<10	170	0.6	<2	0.49	<0.5	21	32	21	3.12
CC89111		0.40	<0.005	<0.2	1.64	5	<10	170	<0.5	<2	0.42	<0.5	8	39	20	1.99
CC89112		0.43	<0.005	<0.2	1.90	7	<10	210	<0.5	<2	0.51	<0.5	13	47	19	3.01
CC89113		0.31	<0.005	<0.2	1.30	3	<10	140	<0.5	<2	0.40	<0.5	6	28	11	1.66
CC89114		0.27	<0.005	<0.2	0.90	12	<10	120	<0.5	<2	0.50	<0.5	4	20	6	2.24
CC89115		0.34	<0.005	<0.2	1.07	7	<10	100	<0.5	<2	0.32	<0.5	6	20	11	1.89
CC89116		0.33	<0.005	<0.2	0.91	3	<10	140	<0.5	<2	0.30	<0.5	4	15	6	1.15
CC89117		0.41	0.006	<0.2	0.98	2	<10	170	<0.5	<2	0.37	<0.5	4	18	7	1.18
CC89118		0.23	<0.005	<0.2	0.89	4	<10	200	<0.5	<2	0.43	<0.5	4	19	8	0.97
CC89119		0.36	<0.005	<0.2	0.93	7	<10	340	<0.5	<2	0.58	<0.5	5	18	11	1.73
CC89120		0.48	<0.005	<0.2	1.20	5	<10	210	<0.5	<2	0.55	<0.5	7	31	17	2.12
CC89121		0.62	<0.005	<0.2	1.91	5	<10	180	<0.5	<2	0.53	<0.5	13	59	7	3.84
CC89122		0.58	<0.005	<0.2	1.67	7	<10	240	0.5	<2	0.52	<0.5	9	34	15	2.75
CC89123		0.35	<0.005	<0.2	1.36	4	<10	340	<0.5	<2	0.77	<0.5	8	27	18	2.20
CC89124		0.34	<0.005	<0.2	1.49	4	<10	220	<0.5	<2	0.43	<0.5	8	30	13	2.54
CC89125		0.52	<0.005	<0.2	1.32	10	<10	210	<0.5	<2	0.51	<0.5	9	24	16	2.54
CC89126		0.36	<0.005	<0.2	1.19	5	<10	270	<0.5	<2	1.23	<0.5	6	22	25	1.59
CC89127		0.25	<0.005	<0.2	1.47	9	<10	280	0.5	<2	0.81	<0.5	9	29	21	2.62
CC89128		0.42	<0.005	<0.2	1.43	8	<10	270	0.5	<2	0.94	<0.5	8	26	21	2.29
CC89129		0.39	<0.005	<0.2	1.48	7	<10	230	<0.5	<2	0.48	<0.5	7	25	20	2.08
CC89130		0.38	<0.005	<0.2	1.18	5	<10	190	<0.5	<2	0.46	<0.5	5	18	13	1.63
CC89131		0.22	<0.005	<0.2	0.72	3	<10	100	<0.5	<2	0.44	<0.5	3	9	12	0.93
CC89132		0.51	<0.005	<0.2	0.62	2	<10	130	<0.5	<2	0.53	<0.5	4	11	8	1.11
CC89133		0.23	<0.005	<0.2	0.84	2	<10	150	<0.5	<2	0.79	<0.5	3	11	12	1.07
CC89134		0.56	<0.005	0.2	1.57	6	<10	220	<0.5	<2	0.82	<0.5	7	27	16	2.26
CC89135		0.42	<0.005	<0.2	1.54	4	<10	180	<0.5	<2	0.80	<0.5	9	25	16	2.27
CC89261		0.39	<0.005	<0.2	1.07	7	<10	440	0.6	<2	0.41	<0.5	6	13	17	2.80
CC89262		0.29	<0.005	0.4	1.53	6	<10	750	0.7	2	0.91	<0.5	7	20	40	2.20
CC89263		0.36	<0.005	<0.2	1.54	4	<10	320	<0.5	2	0.46	<0.5	5	17	17	2.21
CC89264		0.42	0.006	0.3	2.02	2	<10	470	0.7	2	0.59	<0.5	6	22	34	2.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC89100		<10	<1	0.10	20	0.68	246	<1	0.02	9	800	5	0.01	<2	4	25
CC89101		10	<1	0.09	30	0.77	250	<1	0.02	14	770	13	0.03	<2	12	33
CC89102		<10	<1	0.09	20	0.63	300	<1	0.02	13	710	8	0.02	<2	7	36
CC89103		<10	<1	0.11	10	0.59	360	<1	0.02	14	770	12	0.02	<2	6	34
CC89104		<10	<1	0.11	30	0.60	267	<1	0.02	16	730	11	0.02	<2	9	35
CC89105		<10	<1	0.05	30	0.47	214	<1	0.02	8	600	7	0.04	<2	7	28
CC89106		10	<1	0.09	30	0.54	184	<1	0.01	11	570	7	0.03	<2	13	26
CC89107		10	<1	0.07	20	0.48	414	<1	0.01	10	520	9	0.04	<2	7	35
CC89108		<10	<1	0.07	20	0.31	300	<1	0.02	7	650	5	0.04	<2	5	33
CC89109		<10	<1	0.07	50	0.42	639	1	0.02	22	1210	11	0.07	2	16	41
CC89110		<10	<1	0.07	20	0.32	2010	<1	0.02	11	820	16	0.03	2	9	31
CC89111		10	<1	0.04	20	0.69	332	<1	0.02	10	560	9	0.03	<2	6	23
CC89112		10	1	0.05	10	0.75	583	<1	0.02	10	700	9	0.03	<2	6	29
CC89113		<10	<1	0.04	10	0.39	208	<1	0.02	5	620	8	0.04	<2	4	25
CC89114		<10	<1	0.03	10	0.38	160	<1	0.02	5	630	13	0.04	<2	3	26
CC89115		<10	<1	0.06	10	0.34	206	<1	0.02	8	590	7	0.02	<2	2	21
CC89116		<10	<1	0.04	10	0.30	124	<1	0.01	6	510	4	0.03	<2	2	19
CC89117		<10	<1	0.04	10	0.31	169	<1	0.02	5	540	4	0.04	<2	2	22
CC89118		<10	<1	0.04	10	0.27	103	<1	0.01	5	560	5	0.04	<2	3	23
CC89119		<10	<1	0.04	10	0.30	186	<1	0.02	4	600	5	0.06	2	3	30
CC89120		<10	1	0.05	20	0.53	226	<1	0.02	8	670	9	0.04	2	5	27
CC89121		10	<1	0.05	10	1.10	417	<1	0.02	11	720	20	0.02	<2	5	26
CC89122		10	<1	0.06	30	0.76	366	<1	0.02	10	390	10	0.02	2	9	28
CC89123		<10	<1	0.05	20	0.53	458	<1	0.02	10	640	11	0.05	<2	5	41
CC89124		<10	<1	0.06	10	0.70	361	<1	0.01	10	240	19	0.01	3	4	24
CC89125		<10	<1	0.05	10	0.56	394	<1	0.02	8	330	14	0.02	3	5	32
CC89126		<10	1	0.05	20	0.44	268	<1	0.02	8	700	7	0.07	<2	3	62
CC89127		<10	<1	0.06	30	0.54	385	<1	0.01	11	590	9	0.04	<2	6	42
CC89128		<10	<1	0.06	20	0.55	459	<1	0.02	10	640	20	0.05	2	5	51
CC89129		<10	<1	0.06	10	0.46	423	<1	0.02	11	420	7	0.02	<2	4	29
CC89130		<10	<1	0.05	10	0.35	229	<1	0.03	6	390	5	0.02	<2	2	33
CC89131		<10	1	0.04	10	0.14	143	<1	0.04	2	500	4	0.03	<2	1	27
CC89132		<10	<1	0.05	10	0.20	160	<1	0.04	3	540	3	0.02	<2	2	23
CC89133		<10	1	0.04	10	0.20	146	<1	0.04	3	400	10	0.04	<2	2	40
CC89134		<10	<1	0.07	10	0.58	345	<1	0.03	10	500	21	0.04	<2	6	44
CC89135		<10	<1	0.06	10	0.51	418	<1	0.02	10	430	21	0.03	<2	4	46
CC89261		<10	<1	0.09	20	0.34	495	1	0.03	7	360	13	0.04	3	7	22
CC89262		<10	<1	0.07	50	0.42	491	1	0.04	11	1180	34	0.10	<2	6	45
CC89263		10	<1	0.07	20	0.43	242	1	0.03	9	260	15	0.03	<2	4	24
CC89264		10	<1	0.09	40	0.63	282	<1	0.03	11	530	32	0.05	<2	10	27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC89100		<20	0.11	<10	<10	72	<10	50
CC89101		<20	0.09	<10	10	106	<10	83
CC89102		<20	0.07	<10	10	65	<10	60
CC89103		<20	0.07	<10	<10	69	<10	65
CC89104		<20	0.07	<10	<10	71	<10	68
CC89105		<20	0.05	<10	<10	61	<10	45
CC89106		<20	0.04	<10	<10	85	<10	56
CC89107		<20	0.04	<10	<10	61	<10	51
CC89108		<20	0.03	<10	<10	48	<10	32
CC89109		<20	0.02	<10	10	92	<10	62
CC89110		<20	0.03	<10	<10	73	<10	54
CC89111		<20	0.06	<10	<10	67	<10	55
CC89112		<20	0.07	<10	<10	75	<10	63
CC89113		<20	0.05	<10	<10	58	<10	43
CC89114		<20	0.04	<10	<10	33	<10	54
CC89115		<20	0.06	<10	<10	47	<10	36
CC89116		<20	0.05	<10	<10	27	<10	30
CC89117		<20	0.04	<10	<10	27	<10	30
CC89118		<20	0.04	<10	<10	44	<10	33
CC89119		<20	0.04	<10	<10	43	<10	32
CC89120		<20	0.04	<10	<10	52	<10	52
CC89121		<20	0.06	<10	<10	108	<10	94
CC89122		<20	0.03	<10	<10	66	<10	47
CC89123		<20	0.04	<10	<10	54	<10	49
CC89124		<20	0.04	<10	<10	61	<10	43
CC89125		<20	0.02	<10	<10	63	<10	38
CC89126		<20	0.03	<10	<10	38	<10	45
CC89127		<20	0.04	<10	<10	56	<10	44
CC89128		<20	0.03	<10	<10	55	<10	56
CC89129		<20	0.05	<10	<10	51	<10	37
CC89130		<20	0.04	<10	<10	42	<10	34
CC89131		<20	0.03	<10	<10	24	<10	14
CC89132		<20	0.04	<10	<10	31	<10	20
CC89133		<20	0.04	<10	<10	28	<10	20
CC89134		<20	0.04	<10	<10	56	<10	49
CC89135		<20	0.06	<10	<10	59	<10	59
CC89261		<20	0.03	<10	<10	51	<10	48
CC89262		<20	0.03	<10	<10	48	<10	43
CC89263		<20	0.04	<10	<10	51	<10	39
CC89264		<20	0.05	<10	<10	58	<10	63

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89265		0.45	<0.005	0.2	1.96	4	<10	390	0.6	2	0.51	<0.5	10	20	34	2.47
CC89266		0.46	<0.005	<0.2	1.81	2	<10	360	0.5	2	0.50	<0.5	9	22	29	2.26
CC89267		0.52	<0.005	0.2	1.52	5	<10	310	0.5	2	0.48	<0.5	9	22	23	2.57
CC89268		0.55	<0.005	<0.2	1.18	6	<10	170	<0.5	2	0.31	<0.5	6	21	22	1.93
CC89269		0.55	<0.005	<0.2	1.62	6	<10	240	<0.5	<2	0.30	<0.5	8	23	22	2.40
CC89161		0.31	<0.005	<0.2	1.27	5	<10	470	0.6	<2	0.65	<0.5	6	15	14	2.64
CC89162		0.35	<0.005	<0.2	1.36	5	<10	360	0.5	2	0.33	<0.5	8	10	9	3.39
CC89163		0.41	<0.005	<0.2	1.46	10	<10	330	<0.5	<2	0.34	<0.5	8	15	10	3.00
CC89164		0.43	<0.005	<0.2	2.00	11	<10	380	0.6	<2	0.29	<0.5	8	24	14	2.76
CC89165		0.29	<0.005	<0.2	1.97	9	<10	260	<0.5	2	0.22	<0.5	7	17	13	3.03
CC89166		0.40	<0.005	<0.2	1.85	5	<10	800	0.8	4	0.57	<0.5	8	14	17	3.05
CC89167		0.32	<0.005	<0.2	1.94	9	<10	840	0.8	2	0.34	<0.5	6	18	27	2.66
CC89168		0.34	0.012	<0.2	1.78	10	<10	260	0.5	<2	0.22	<0.5	7	22	18	2.43
CC89169		0.36	<0.005	<0.2	2.29	10	<10	470	0.7	2	0.25	<0.5	11	17	15	3.95
CC89170		0.66	<0.005	<0.2	1.50	5	<10	580	<0.5	<2	0.34	<0.5	8	21	16	2.39
CC89171		0.32	<0.005	<0.2	1.46	6	<10	350	<0.5	<2	0.24	<0.5	7	23	10	2.35
CC89172		Not Recvd														
CC89173		0.37	0.005	<0.2	1.56	7	<10	300	<0.5	<2	0.29	<0.5	6	22	11	2.54
CC89174		0.39	<0.005	<0.2	1.50	7	<10	260	<0.5	<2	0.23	<0.5	5	20	10	2.40
CC89175		0.41	<0.005	<0.2	1.84	10	<10	290	<0.5	<2	0.24	<0.5	6	27	13	2.92
CC89176		0.38	<0.005	<0.2	1.44	7	<10	300	0.5	2	0.16	<0.5	7	16	14	2.43
CC89177		0.36	<0.005	<0.2	1.26	9	<10	320	<0.5	<2	0.17	<0.5	5	15	11	2.35
CC89178		0.33	<0.005	<0.2	1.05	11	<10	300	0.5	2	0.18	<0.5	4	8	41	1.77
CC89179		0.35	0.014	<0.2	1.13	7	<10	200	<0.5	<2	0.13	<0.5	5	17	12	2.00
CC89180		0.42	<0.005	<0.2	0.80	13	<10	150	<0.5	<2	0.13	<0.5	4	12	10	2.29
CC89181		0.38	<0.005	0.2	2.12	5	<10	800	0.8	3	0.57	<0.5	7	18	23	2.75
CC89182		0.41	<0.005	<0.2	1.71	7	<10	350	0.5	3	0.28	<0.5	8	15	15	3.06
CC89183		0.40	0.005	<0.2	1.17	8	<10	240	<0.5	3	0.22	<0.5	6	15	15	2.51
CC89184		0.38	<0.005	<0.2	1.62	10	<10	470	<0.5	2	0.32	<0.5	7	18	24	2.54
CC89185		0.47	<0.005	<0.2	1.54	25	<10	530	<0.5	2	0.42	<0.5	10	15	10	3.44
CC89186		0.49	<0.005	<0.2	1.57	7	<10	300	<0.5	<2	0.35	<0.5	7	20	12	2.44
CC89187		0.47	<0.005	<0.2	1.93	3	<10	350	<0.5	<2	0.33	<0.5	10	23	12	2.95
CC89188		0.50	<0.005	<0.2	1.56	7	<10	320	<0.5	<2	0.43	<0.5	8	25	13	2.93
CC89189		0.50	<0.005	<0.2	1.38	10	<10	250	<0.5	<2	0.39	<0.5	11	27	12	2.62
CC89190		0.60	<0.005	<0.2	1.65	9	<10	230	0.5	<2	0.32	<0.5	7	33	18	2.30
CC89191		0.56	<0.005	<0.2	1.36	6	<10	220	<0.5	<2	0.36	<0.5	8	26	10	2.69
CC89192		0.37	0.005	<0.2	0.94	4	<10	150	<0.5	<2	0.28	<0.5	4	14	5	1.44
CC89193		0.23	<0.005	<0.2	1.06	6	<10	360	<0.5	<2	0.36	<0.5	4	20	11	1.82
CC89194		0.56	<0.005	<0.2	1.12	3	<10	190	<0.5	<2	0.34	<0.5	4	18	5	1.26
CC89195		0.31	0.020	<0.2	0.91	5	<10	200	<0.5	<2	0.42	<0.5	2	7	10	1.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC89265		10	<1	0.08	30	0.83	342	1	0.03	10	750	47	0.05	2	9	25
CC89266		10	<1	0.08	20	0.80	356	1	0.04	12	690	14	0.04	<2	8	25
CC89267		<10	<1	0.07	20	0.70	551	1	0.03	9	720	21	0.04	<2	6	24
CC89268		<10	<1	0.06	10	0.43	387	1	0.03	8	590	14	0.04	2	3	20
CC89269		<10	<1	0.06	10	0.57	236	1	0.03	10	530	11	0.04	<2	5	22
CC89161		<10	<1	0.12	30	0.45	352	1	0.04	7	580	6	0.05	2	8	32
CC89162		10	<1	0.24	20	0.54	554	1	0.04	4	490	7	0.04	2	7	21
CC89163		10	<1	0.20	10	0.59	397	1	0.04	6	240	8	0.04	<2	5	20
CC89164		10	<1	0.16	10	0.56	402	1	0.03	12	270	9	0.03	<2	5	20
CC89165		10	<1	0.13	10	0.58	307	1	0.03	8	190	7	0.03	<2	4	18
CC89166		10	<1	0.13	90	0.59	499	<1	0.04	7	480	7	0.04	<2	13	26
CC89167		10	<1	0.14	60	0.45	381	1	0.03	11	380	8	0.04	<2	9	30
CC89168		10	<1	0.09	10	0.46	261	1	0.04	17	290	8	0.04	<2	4	17
CC89169		10	<1	0.22	10	0.67	583	1	0.03	9	360	10	0.03	3	8	21
CC89170		10	<1	0.10	10	0.39	851	1	0.04	10	370	7	0.04	<2	5	29
CC89171		10	<1	0.09	10	0.45	293	1	0.03	12	250	6	0.03	<2	3	19
CC89172																
CC89173		10	<1	0.09	20	0.51	302	1	0.03	11	260	6	0.03	<2	4	20
CC89174		10	<1	0.11	10	0.45	231	1	0.03	10	230	8	0.03	<2	3	19
CC89175		10	<1	0.10	10	0.48	266	1	0.03	14	290	9	0.03	2	4	21
CC89176		10	1	0.09	10	0.26	1040	1	0.03	8	400	12	0.03	<2	3	17
CC89177		10	<1	0.06	10	0.21	575	1	0.03	7	310	10	0.03	<2	2	18
CC89178		<10	<1	0.07	10	0.13	466	1	0.04	4	240	14	0.03	8	2	21
CC89179		10	<1	0.07	10	0.26	472	1	0.03	7	170	7	0.03	<2	2	13
CC89180		10	<1	0.09	10	0.21	309	1	0.03	5	250	7	0.03	2	3	14
CC89181		10	<1	0.13	60	0.50	496	1	0.04	10	1020	7	0.08	<2	11	47
CC89182		10	<1	0.14	20	0.52	520	1	0.03	8	480	10	0.03	<2	6	22
CC89183		<10	<1	0.10	10	0.35	364	1	0.03	8	380	9	0.03	3	5	16
CC89184		10	<1	0.09	20	0.39	515	1	0.04	10	470	8	0.05	<2	5	27
CC89185		10	<1	0.28	20	0.65	858	1	0.04	6	840	6	0.04	2	6	23
CC89186		10	<1	0.13	20	0.59	239	1	0.04	10	640	7	0.04	<2	5	20
CC89187		10	<1	0.15	20	0.66	269	2	0.04	10	490	10	0.04	<2	6	20
CC89188		10	<1	0.10	20	0.58	262	1	0.04	10	960	13	0.04	3	6	26
CC89189		<10	<1	0.10	10	0.58	376	1	0.02	12	780	14	0.02	<2	4	23
CC89190		10	<1	0.07	20	0.51	187	<1	0.02	15	600	13	0.01	<2	6	21
CC89191		<10	1	0.08	20	0.49	242	<1	0.02	9	700	9	0.01	<2	5	22
CC89192		<10	<1	0.04	10	0.30	138	<1	0.01	5	610	6	0.02	<2	2	15
CC89193		<10	<1	0.03	10	0.26	138	<1	0.01	4	880	6	0.05	<2	3	24
CC89194		<10	<1	0.05	10	0.36	143	<1	0.01	6	630	6	0.01	<2	3	18
CC89195		<10	<1	0.07	10	0.14	92	<1	0.03	2	410	<2	0.03	<2	3	23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC89265		<20	0.04	<10	<10	75	<10	74
CC89266		<20	0.06	<10	<10	67	<10	57
CC89267		<20	0.04	<10	<10	55	<10	64
CC89268		<20	0.05	<10	<10	46	<10	50
CC89269		<20	0.07	<10	<10	57	<10	50
CC89161		<20	0.06	<10	<10	58	<10	54
CC89162		<20	0.08	<10	<10	71	<10	61
CC89163		<20	0.09	<10	<10	68	<10	52
CC89164		<20	0.09	<10	<10	58	<10	51
CC89165		<20	0.09	<10	<10	68	<10	53
CC89166		20	0.06	<10	<10	62	<10	50
CC89167		<20	0.05	<10	<10	53	<10	43
CC89168		<20	0.07	<10	<10	52	<10	47
CC89169		20	0.12	<10	<10	85	<10	69
CC89170		<20	0.06	<10	<10	52	<10	48
CC89171		<20	0.08	<10	<10	53	<10	45
CC89172								
CC89173		<20	0.10	<10	<10	59	<10	46
CC89174		<20	0.09	<10	<10	58	<10	43
CC89175		<20	0.09	<10	<10	65	<10	59
CC89176		<20	0.06	<10	<10	54	<10	47
CC89177		<20	0.05	<10	<10	51	<10	36
CC89178		<20	0.02	<10	<10	26	<10	39
CC89179		<20	0.08	<10	<10	55	<10	39
CC89180		<20	0.07	<10	<10	61	<10	43
CC89181		<20	0.07	<10	10	60	<10	49
CC89182		<20	0.10	<10	<10	66	<10	58
CC89183		<20	0.06	<10	<10	51	<10	57
CC89184		<20	0.07	<10	<10	59	<10	48
CC89185		<20	0.16	<10	<10	78	<10	72
CC89186		<20	0.14	<10	<10	69	<10	54
CC89187		<20	0.15	<10	<10	79	<10	64
CC89188		<20	0.10	<10	<10	79	<10	62
CC89189		<20	0.12	<10	<10	73	<10	57
CC89190		<20	0.10	<10	10	64	<10	51
CC89191		<20	0.11	<10	<10	66	<10	50
CC89192		<20	0.07	<10	<10	37	<10	33
CC89193		<20	0.05	<10	<10	40	<10	33
CC89194		<20	0.08	<10	<10	38	<10	37
CC89195		<20	0.03	<10	<10	24	<10	14

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89196		0.35	<0.005	<0.2	1.85	9	<10	270	<0.5	<2	0.22	<0.5	7	21	15	2.58
CC89197		0.25	<0.005	<0.2	2.49	11	<10	400	1.0	<2	0.56	<0.5	17	28	37	3.36
CC89198		0.37	<0.005	<0.2	1.63	5	<10	420	<0.5	<2	0.61	0.6	10	22	30	2.62
CC89199		0.30	<0.005	<0.2	1.70	6	<10	360	<0.5	<2	0.51	<0.5	8	21	22	2.49
CC89200		0.44	<0.005	<0.2	1.63	8	<10	220	<0.5	<2	0.31	<0.5	7	26	12	2.44
CC89361		Not Recvd														
CC89362		0.34	<0.005	<0.2	1.49	8	<10	210	<0.5	<2	0.37	<0.5	6	25	14	2.21
CC89363		0.21	<0.005	<0.2	1.66	10	<10	240	<0.5	<2	0.39	<0.5	8	32	11	2.56
CC89364		0.27	<0.005	<0.2	1.71	9	<10	370	0.5	<2	0.74	<0.5	9	26	24	2.38
CC89365		0.32	<0.005	<0.2	1.66	11	<10	190	<0.5	<2	0.40	<0.5	8	31	13	2.59
CC89366		0.30	<0.005	<0.2	1.44	9	<10	110	<0.5	<2	0.25	<0.5	6	27	7	2.40
CC89367		0.34	<0.005	<0.2	1.19	32	<10	170	<0.5	<2	0.42	<0.5	8	32	11	2.73
CC89368		0.30	<0.005	<0.2	1.68	7	<10	200	<0.5	<2	0.30	<0.5	7	30	10	2.50
CC89369		0.26	<0.005	<0.2	2.20	9	<10	150	<0.5	2	0.30	<0.5	10	42	16	3.55
CC89370		0.27	<0.005	<0.2	1.90	8	<10	220	<0.5	<2	0.63	<0.5	11	49	18	3.27
CC89371		0.28	<0.005	<0.2	1.72	10	<10	260	<0.5	<2	0.50	<0.5	10	35	17	2.67
CC89372		0.18	<0.005	<0.2	1.44	8	<10	240	0.5	<2	0.58	<0.5	10	28	20	2.60
CC89373		0.31	<0.005	<0.2	1.84	3	<10	240	<0.5	<2	0.58	<0.5	11	33	24	2.71
CC89374		0.20	<0.005	<0.2	1.39	8	<10	220	<0.5	<2	0.57	<0.5	9	24	23	2.12
CC89375		0.29	NSS	<0.2	2.20	13	<10	390	0.7	<2	0.62	<0.5	13	29	24	2.73
CC89376		0.33	0.005	<0.2	1.41	8	<10	180	<0.5	<2	0.34	<0.5	6	24	10	2.12
CC89377		0.32	<0.005	<0.2	1.32	7	<10	160	<0.5	<2	0.33	<0.5	7	24	9	2.00
CC89378		0.25	<0.005	<0.2	1.91	11	<10	190	<0.5	<2	0.33	<0.5	9	34	13	2.94
CC89379		0.32	<0.005	<0.2	1.90	10	<10	290	<0.5	<2	0.36	<0.5	10	41	11	2.74
CC89380		0.29	<0.005	<0.2	1.32	10	<10	350	<0.5	<2	0.45	<0.5	7	25	16	2.00
CC89381		0.25	<0.005	<0.2	1.90	16	<10	180	<0.5	<2	0.24	<0.5	8	31	13	2.82
CC89382		0.18	<0.005	<0.2	1.52	10	<10	310	<0.5	<2	0.26	<0.5	6	22	15	2.26
CC89383		0.28	<0.005	<0.2	1.46	12	<10	240	<0.5	<2	0.36	<0.5	10	33	11	2.88
CC89384		0.18	<0.005	<0.2	1.53	12	<10	240	<0.5	<2	0.78	<0.5	7	17	20	1.91
CC89385		0.31	<0.005	<0.2	1.61	14	<10	230	<0.5	<2	0.53	<0.5	11	34	16	2.56
CC89386		0.25	<0.005	<0.2	1.06	10	<10	160	<0.5	<2	0.30	<0.5	5	20	9	1.86
CC89387		0.36	<0.005	<0.2	1.36	18	<10	320	0.5	<2	0.59	<0.5	10	36	21	2.98
CC89388		0.34	<0.005	<0.2	1.68	11	<10	180	<0.5	<2	0.35	<0.5	7	28	13	2.32
CC89389		0.28	<0.005	<0.2	1.64	11	<10	100	<0.5	<2	0.39	<0.5	6	30	11	2.51
CC89390		0.23	<0.005	<0.2	1.66	10	<10	260	<0.5	<2	0.57	<0.5	5	25	22	1.67
CC89391		0.19	<0.005	0.5	2.06	24	<10	400	0.8	<2	0.72	0.5	9	41	35	2.67
CC89392		0.16	NSS	0.6	1.70	15	<10	240	<0.5	<2	0.60	<0.5	4	19	21	1.88
CC89393		0.35	<0.005	<0.2	1.23	19	<10	110	<0.5	<2	0.35	<0.5	6	23	10	1.94
CC89394		0.17	<0.005	0.6	1.97	15	<10	250	0.5	<2	0.62	<0.5	3	20	24	1.85
CC89395		0.30	0.007	0.2	1.96	36	<10	170	0.5	<2	0.44	<0.5	7	26	20	2.62

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC89196		10	1	0.07	10	0.52	399	<1	0.01	11	250	6	0.01	<2	4	19
CC89197		10	<1	0.11	20	0.43	1345	<1	0.01	13	640	13	0.03	<2	5	38
CC89198		10	<1	0.08	10	0.47	827	<1	0.02	10	420	10	0.02	2	4	42
CC89199		10	<1	0.08	10	0.55	517	<1	0.02	8	590	12	0.02	<2	6	28
CC89200		10	<1	0.09	10	0.48	301	1	0.02	12	270	8	0.01	2	5	21
CC89361																
CC89362		10	<1	0.08	10	0.45	311	<1	0.02	9	220	6	0.02	<2	5	24
CC89363		10	<1	0.08	10	0.61	270	<1	0.02	13	210	6	0.01	<2	4	26
CC89364		<10	<1	0.09	20	0.47	423	<1	0.02	11	760	5	0.04	2	8	38
CC89365		10	<1	0.07	10	0.65	299	<1	0.01	13	190	6	0.01	<2	4	26
CC89366		10	<1	0.09	10	0.50	200	<1	0.01	10	150	6	0.01	<2	3	18
CC89367		10	<1	0.09	10	0.39	307	1	0.01	12	220	7	0.01	2	5	26
CC89368		10	<1	0.07	10	0.53	258	<1	0.01	12	190	7	0.01	<2	4	21
CC89369		10	<1	0.07	10	1.00	295	<1	0.01	9	240	6	0.01	3	8	25
CC89370		10	<1	0.05	10	0.88	417	<1	0.03	13	540	9	0.01	<2	6	37
CC89371		10	<1	0.06	10	0.53	401	<1	0.02	12	530	7	0.03	<2	5	35
CC89372		<10	<1	0.06	20	0.44	531	<1	0.02	12	780	12	0.06	<2	5	41
CC89373		10	1	0.06	10	0.44	446	<1	0.02	13	830	7	0.07	3	4	45
CC89374		<10	<1	0.04	20	0.27	612	<1	0.03	11	1000	3	0.08	<2	3	43
CC89375		10	1	0.11	30	0.52	627	<1	0.02	16	570	6	0.04	<2	7	42
CC89376		<10	1	0.09	10	0.51	240	<1	0.02	10	220	5	0.01	<2	3	20
CC89377		<10	<1	0.07	10	0.43	263	<1	0.01	9	330	4	0.01	<2	3	18
CC89378		10	<1	0.08	10	0.66	268	<1	0.02	12	230	6	0.01	<2	4	25
CC89379		10	<1	0.15	10	0.56	489	1	0.02	20	290	7	0.01	<2	4	20
CC89380		<10	<1	0.07	10	0.43	428	<1	0.02	10	380	4	0.01	<2	3	19
CC89381		10	<1	0.10	10	0.50	240	<1	0.01	13	370	7	0.01	<2	3	19
CC89382		10	<1	0.07	20	0.33	281	<1	0.02	8	370	13	0.01	<2	3	22
CC89383		<10	1	0.09	10	0.61	496	<1	0.02	11	460	12	0.01	<2	5	20
CC89384		<10	<1	0.08	10	0.33	295	<1	0.03	8	710	4	0.07	<2	3	47
CC89385		<10	<1	0.09	20	0.59	329	1	0.02	16	510	10	0.02	2	6	30
CC89386		<10	<1	0.09	10	0.40	254	1	0.03	9	250	5	0.01	<2	3	18
CC89387		<10	1	0.12	20	0.53	675	2	0.04	20	830	12	0.02	3	6	34
CC89388		10	<1	0.08	10	0.49	323	1	0.03	11	280	8	0.01	2	3	24
CC89389		10	<1	0.11	10	0.48	274	1	0.03	14	400	7	0.01	<2	4	29
CC89390		<10	<1	0.08	10	0.45	180	<1	0.03	13	520	9	0.04	2	5	36
CC89391		10	<1	0.11	40	0.49	355	2	0.03	24	720	23	0.05	4	9	44
CC89392		<10	<1	0.12	20	0.27	209	1	0.05	9	470	8	0.04	<2	6	33
CC89393		<10	<1	0.10	10	0.50	319	1	0.03	8	310	14	0.01	2	4	22
CC89394		10	<1	0.11	20	0.26	147	1	0.04	11	680	9	0.06	3	5	43
CC89395		10	<1	0.10	20	0.46	364	2	0.03	12	520	16	0.02	4	6	33

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC89196		<20	0.11	<10	<10	66	<10	41
CC89197		<20	0.07	<10	<10	72	<10	57
CC89198		<20	0.07	<10	<10	69	<10	54
CC89199		<20	0.05	<10	<10	57	<10	42
CC89200		<20	0.07	<10	<10	60	<10	43
CC89361								
CC89362		<20	0.07	<10	<10	58	<10	41
CC89363		<20	0.10	<10	<10	58	<10	45
CC89364		<20	0.04	<10	<10	52	<10	50
CC89365		<20	0.09	<10	<10	62	<10	45
CC89366		<20	0.10	<10	<10	62	<10	40
CC89367		<20	0.05	<10	<10	63	<10	44
CC89368		<20	0.09	<10	<10	64	<10	42
CC89369		<20	0.07	<10	<10	106	<10	47
CC89370		<20	0.13	<10	<10	87	<10	57
CC89371		<20	0.07	<10	<10	62	<10	44
CC89372		<20	0.04	<10	<10	56	<10	51
CC89373		<20	0.05	<10	<10	53	<10	49
CC89374		<20	0.04	<10	<10	53	<10	29
CC89375		<20	0.04	<10	<10	58	<10	51
CC89376		<20	0.07	<10	<10	51	<10	44
CC89377		<20	0.06	<10	<10	46	<10	36
CC89378		<20	0.11	<10	<10	73	<10	49
CC89379		<20	0.08	<10	<10	63	<10	52
CC89380		<20	0.07	<10	<10	47	<10	36
CC89381		<20	0.09	<10	<10	65	<10	46
CC89382		<20	0.07	<10	<10	57	<10	37
CC89383		<20	0.06	<10	<10	66	<10	51
CC89384		<20	0.04	<10	<10	43	<10	37
CC89385		<20	0.06	<10	<10	61	<10	47
CC89386		<20	0.08	<10	<10	46	<10	40
CC89387		<20	0.05	<10	<10	58	<10	70
CC89388		<20	0.09	<10	<10	62	<10	46
CC89389		<20	0.08	<10	<10	62	<10	54
CC89390		<20	0.06	<10	<10	38	<10	45
CC89391		<20	0.04	<10	<10	65	<10	67
CC89392		<20	0.03	<10	<10	39	<10	41
CC89393		<20	0.08	<10	<10	46	<10	50
CC89394		<20	0.03	<10	<10	32	<10	44
CC89395		<20	0.06	<10	<10	55	<10	51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89396		0.22	<0.005	<0.2	1.59	45	<10	220	<0.5	<2	0.43	<0.5	5	25	17	2.39
CC89397		0.21	<0.005	0.3	1.45	31	<10	260	0.5	<2	0.55	<0.5	4	19	31	1.71
CC89398		0.28	<0.005	<0.2	1.59	26	<10	190	<0.5	2	0.66	<0.5	9	30	22	2.32
CC89399		0.37	<0.005	<0.2	1.28	16	<10	160	<0.5	<2	0.39	<0.5	5	20	10	2.07
CC89400		0.26	<0.005	<0.2	1.33	15	<10	210	<0.5	<2	0.41	<0.5	6	23	12	2.04
ZZ50701		0.22	<0.005	<0.2	0.83	4	<10	140	<0.5	<2	0.32	<0.5	5	12	9	1.57
ZZ50702		0.19	<0.005	<0.2	0.53	2	<10	70	<0.5	<2	0.13	<0.5	3	7	8	1.08
ZZ50703		0.25	<0.005	<0.2	1.42	10	<10	90	<0.5	<2	0.14	<0.5	5	23	9	2.38
ZZ50704		0.24	<0.005	<0.2	1.03	8	<10	300	<0.5	<2	0.67	<0.5	5	13	17	1.59
ZZ50705		0.22	<0.005	<0.2	1.08	6	<10	230	<0.5	<2	0.70	<0.5	5	9	18	1.31
ZZ50706		0.13	<0.005	<0.2	1.21	12	<10	290	<0.5	<2	0.72	<0.5	5	13	19	1.64
ZZ50707		0.13	<0.005	0.4	1.27	4	<10	430	<0.5	<2	1.48	<0.5	5	15	27	1.43
ZZ50708		Not Recvd														
ZZ50709		0.14	<0.005	0.3	1.43	5	<10	340	0.5	<2	0.63	1.4	7	16	31	1.82
ZZ50710		0.19	<0.005	<0.2	1.56	6	<10	200	<0.5	<2	0.49	<0.5	6	20	15	1.93
ZZ50711		0.20	<0.005	0.2	1.29	8	<10	230	<0.5	<2	0.52	<0.5	6	16	13	1.73
ZZ50712		0.11	<0.005	0.2	1.82	9	<10	400	<0.5	<2	0.77	<0.5	5	15	20	1.57
ZZ50713		0.18	<0.005	0.2	1.10	2	<10	160	<0.5	<2	0.48	<0.5	7	12	22	1.54
ZZ50714		0.19	<0.005	<0.2	1.59	9	<10	420	<0.5	<2	0.72	<0.5	6	19	23	1.88
ZZ50715		0.14	<0.005	<0.2	1.24	6	<10	330	<0.5	<2	0.47	<0.5	5	19	14	1.73
ZZ50716		0.15	<0.005	<0.2	1.34	3	<10	270	<0.5	<2	1.30	<0.5	4	10	20	1.30
ZZ50717		0.22	<0.005	<0.2	1.34	3	<10	150	<0.5	<2	0.40	<0.5	7	18	17	1.92
ZZ50718		0.14	<0.005	<0.2	2.21	6	<10	100	<0.5	<2	0.26	<0.5	8	23	15	2.77
ZZ50719		0.20	<0.005	0.2	1.86	9	<10	80	<0.5	<2	0.17	<0.5	7	22	13	2.33
ZZ50720		0.23	<0.005	<0.2	1.35	12	<10	130	<0.5	<2	0.25	<0.5	6	20	11	1.92
ZZ50721		0.12	<0.005	<0.2	1.29	7	<10	160	<0.5	<2	0.45	<0.5	7	16	16	2.07
ZZ50722		0.18	<0.005	<0.2	0.61	<2	<10	90	<0.5	<2	0.50	<0.5	2	4	11	0.75
ZZ50723		0.16	<0.005	<0.2	1.38	6	<10	120	<0.5	<2	0.66	<0.5	8	24	23	1.87
ZZ50724		0.11	<0.005	<0.2	0.47	<2	<10	50	<0.5	<2	0.42	<0.5	2	3	20	0.49
ZZ50725		0.10	NSS	<0.2	1.94	6	<10	210	<0.5	<2	0.77	<0.5	10	21	21	2.65
ZZ50726		0.20	<0.005	<0.2	1.42	7	<10	190	<0.5	<2	0.68	<0.5	7	23	20	2.02
ZZ50727		0.32	<0.005	<0.2	1.37	9	<10	130	<0.5	<2	0.31	<0.5	7	26	12	2.05
ZZ50728		0.27	<0.005	<0.2	0.93	2	<10	160	<0.5	<2	0.70	<0.5	6	14	18	1.36
ZZ50729		0.27	<0.005	<0.2	1.34	3	<10	180	<0.5	<2	0.72	<0.5	5	16	20	1.49
ZZ50730		0.11	<0.005	<0.2	0.52	2	<10	50	<0.5	<2	0.75	<0.5	2	7	12	0.75
ZZ50731		0.12	<0.005	0.3	0.98	2	<10	220	0.6	<2	0.53	1.2	6	9	81	1.10
ZZ50732		0.21	<0.005	<0.2	0.83	2	<10	140	<0.5	<2	0.29	<0.5	4	9	19	1.04
ZZ50733		0.10	<0.005	<0.2	0.90	5	<10	220	<0.5	<2	0.79	<0.5	4	13	21	1.25
ZZ50734		0.16	<0.005	<0.2	0.22	<2	<10	50	<0.5	<2	0.18	<0.5	2	4	4	0.99
ZZ50735		0.41	<0.005	<0.2	0.47	3	<10	40	<0.5	<2	0.14	<0.5	2	5	5	0.87

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC89396		<10	<1	0.08	10	0.40	360	2	0.03	11	580	12	0.02	5	5	30
CC89397		<10	1	0.06	10	0.22	224	2	0.05	14	690	5	0.06	5	3	38
CC89398		<10	1	0.06	10	0.43	401	2	0.03	15	660	8	0.05	4	4	41
CC89399		<10	1	0.09	10	0.43	241	1	0.04	8	450	10	0.02	2	4	22
CC89400		<10	<1	0.07	10	0.42	276	1	0.03	10	410	8	0.02	<2	5	24
ZZ50701		<10	<1	0.04	10	0.18	378	<1	0.04	5	510	4	0.02	<2	2	20
ZZ50702		<10	<1	0.05	<10	0.08	133	<1	0.04	3	210	2	0.02	<2	1	13
ZZ50703		10	<1	0.10	10	0.39	251	1	0.02	10	310	5	0.01	<2	3	11
ZZ50704		<10	<1	0.04	10	0.21	366	1	0.04	6	760	5	0.05	2	2	34
ZZ50705		<10	<1	0.04	10	0.15	423	1	0.05	6	750	3	0.06	<2	2	41
ZZ50706		<10	<1	0.06	10	0.27	253	1	0.04	8	670	5	0.05	2	2	38
ZZ50707		<10	<1	0.08	20	0.26	548	1	0.04	9	840	3	0.09	2	3	74
ZZ50708																
ZZ50709		<10	1	0.09	30	0.29	375	1	0.04	10	690	6	0.05	2	3	39
ZZ50710		10	<1	0.08	10	0.40	304	1	0.04	9	440	6	0.03	<2	3	33
ZZ50711		<10	<1	0.08	10	0.30	336	1	0.03	8	600	6	0.03	<2	2	30
ZZ50712		10	1	0.07	10	0.24	235	1	0.05	8	620	8	0.05	<2	3	40
ZZ50713		<10	<1	0.06	10	0.18	448	1	0.04	6	510	4	0.03	<2	1	30
ZZ50714		<10	<1	0.08	10	0.34	346	1	0.04	11	770	6	0.05	3	3	44
ZZ50715		<10	<1	0.09	10	0.33	266	1	0.03	9	560	6	0.03	2	2	27
ZZ50716		<10	<1	0.06	10	0.22	227	<1	0.05	7	820	8	0.08	<2	2	56
ZZ50717		<10	<1	0.08	20	0.37	475	1	0.04	9	550	8	0.02	<2	3	25
ZZ50718		10	<1	0.08	10	0.62	257	1	0.03	12	240	14	0.02	<2	5	22
ZZ50719		10	<1	0.10	10	0.44	205	1	0.02	13	280	9	0.02	<2	3	15
ZZ50720		<10	<1	0.08	10	0.40	246	1	0.03	11	300	7	0.02	<2	3	23
ZZ50721		<10	<1	0.10	20	0.42	340	1	0.03	8	540	5	0.03	<2	3	27
ZZ50722		<10	<1	0.03	10	0.07	60	1	0.05	2	620	<2	0.06	<2	1	31
ZZ50723		<10	<1	0.06	10	0.31	344	5	0.04	15	610	12	0.05	<2	2	36
ZZ50724		<10	<1	0.03	10	0.05	60	1	0.06	1	490	<2	0.05	<2	1	24
ZZ50725		10	<1	0.12	20	0.46	380	4	0.04	10	510	13	0.07	<2	3	50
ZZ50726		<10	<1	0.07	10	0.40	363	1	0.05	9	790	12	0.07	<2	3	39
ZZ50727		<10	<1	0.08	10	0.43	250	2	0.04	11	250	10	0.03	<2	3	23
ZZ50728		<10	<1	0.05	10	0.25	375	1	0.05	6	650	5	0.07	<2	2	40
ZZ50729		<10	<1	0.07	20	0.31	227	1	0.05	6	810	6	0.08	<2	2	43
ZZ50730		<10	<1	0.04	<10	0.11	68	1	0.05	2	410	2	0.07	<2	<1	23
ZZ50731		<10	<1	0.04	60	0.12	949	1	0.05	17	580	4	0.07	<2	1	41
ZZ50732		<10	<1	0.05	10	0.15	190	1	0.06	3	390	4	0.04	<2	2	19
ZZ50733		<10	<1	0.04	10	0.24	152	1	0.06	5	450	6	0.07	<2	2	40
ZZ50734		<10	<1	0.02	<10	0.04	64	1	0.05	<1	310	<2	0.03	<2	1	14
ZZ50735		<10	<1	0.03	<10	0.10	108	1	0.05	1	430	<2	0.03	<2	1	12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC89396		<20	0.06	<10	<10	52	<10	48
CC89397		<20	0.04	<10	<10	34	<10	30
CC89398		<20	0.06	<10	<10	50	<10	45
CC89399		<20	0.07	<10	<10	49	<10	41
CC89400		<20	0.06	<10	<10	48	<10	40
ZZ50701		<20	0.06	<10	<10	48	<10	27
ZZ50702		<20	0.04	<10	<10	32	<10	17
ZZ50703		<20	0.08	<10	<10	62	<10	43
ZZ50704		<20	0.04	<10	<10	42	<10	28
ZZ50705		<20	0.04	<10	<10	34	<10	24
ZZ50706		<20	0.05	<10	<10	42	<10	33
ZZ50707		<20	0.03	<10	<10	31	<10	37
ZZ50708								
ZZ50709		<20	0.05	<10	<10	41	<10	66
ZZ50710		<20	0.06	<10	<10	46	<10	38
ZZ50711		<20	0.05	<10	<10	42	<10	34
ZZ50712		<20	0.04	<10	<10	32	<10	29
ZZ50713		<20	0.05	<10	<10	38	<10	26
ZZ50714		<20	0.04	<10	<10	40	<10	40
ZZ50715		<20	0.06	<10	<10	43	<10	45
ZZ50716		<20	0.04	<10	<10	32	<10	25
ZZ50717		<20	0.06	<10	<10	47	<10	34
ZZ50718		<20	0.09	<10	<10	72	<10	43
ZZ50719		<20	0.07	<10	<10	47	<10	41
ZZ50720		<20	0.06	<10	<10	49	<10	35
ZZ50721		<20	0.06	<10	<10	50	<10	37
ZZ50722		<20	0.03	<10	<10	18	<10	11
ZZ50723		<20	0.03	<10	<10	35	<10	30
ZZ50724		<20	0.02	<10	<10	11	<10	5
ZZ50725		<20	0.03	<10	<10	50	<10	39
ZZ50726		<20	0.05	<10	<10	47	<10	36
ZZ50727		<20	0.07	<10	<10	47	<10	33
ZZ50728		<20	0.04	<10	<10	32	<10	21
ZZ50729		<20	0.04	<10	<10	31	<10	31
ZZ50730		<20	0.02	<10	<10	19	<10	14
ZZ50731		<20	0.03	<10	<10	24	<10	28
ZZ50732		<20	0.04	<10	<10	26	<10	16
ZZ50733		<20	0.04	<10	<10	28	<10	22
ZZ50734		<20	0.05	<10	<10	35	<10	12
ZZ50735		<20	0.04	<10	<10	24	<10	12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50736		0.21	<0.005	<0.2	1.56	5	<10	140	<0.5	<2	0.35	<0.5	5	20	16	1.79
ZZ50737		0.24	<0.005	<0.2	0.50	2	<10	50	<0.5	<2	0.23	<0.5	5	10	13	2.28
ZZ50738		0.11	<0.005	<0.2	0.77	3	<10	60	<0.5	<2	0.16	<0.5	3	9	10	1.22
ZZ50739		0.21	<0.005	<0.2	0.32	<2	<10	30	<0.5	<2	0.10	<0.5	2	5	4	0.86
ZZ50740		0.15	<0.005	<0.2	1.28	9	<10	70	<0.5	<2	0.16	<0.5	4	17	12	1.89
ZZ50741		0.24	0.015	<0.2	1.17	4	<10	120	<0.5	<2	0.41	<0.5	6	15	13	1.59
ZZ50742		Not Recvd														
ZZ50743		0.12	<0.005	<0.2	0.50	2	<10	40	<0.5	<2	0.12	<0.5	2	4	8	0.68
ZZ50744		Not Recvd														
ZZ50745		0.20	<0.005	<0.2	1.53	7	<10	110	<0.5	<2	0.19	<0.5	7	22	13	2.32
ZZ50746		0.15	<0.005	<0.2	1.65	7	<10	80	<0.5	<2	0.17	<0.5	7	16	12	2.06
ZZ50747		0.13	<0.005	<0.2	1.36	8	<10	130	<0.5	<2	0.20	<0.5	5	19	23	2.00

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ50736		<10	<1	0.06	10	0.41	159	1	0.04	10	630	7	0.04	<2	3	26
ZZ50737		<10	<1	0.02	10	0.11	253	1	0.05	2	710	2	0.06	<2	1	19
ZZ50738		<10	<1	0.04	<10	0.15	104	1	0.05	2	450	3	0.05	<2	1	16
ZZ50739		<10	<1	0.02	<10	0.05	63	1	0.05	<1	350	<2	0.04	<2	<1	10
ZZ50740		<10	<1	0.04	10	0.23	117	1	0.04	6	410	5	0.03	<2	2	15
ZZ50741		<10	<1	0.05	10	0.29	321	1	0.05	5	500	6	0.05	<2	2	30
ZZ50742																
ZZ50743		<10	<1	0.03	<10	0.05	46	1	0.06	<1	350	<2	0.03	<2	<1	14
ZZ50744																
ZZ50745		10	<1	0.08	10	0.46	257	1	0.03	11	380	7	0.03	<2	2	16
ZZ50746		<10	<1	0.06	10	0.37	270	1	0.04	8	310	9	0.04	<2	2	16
ZZ50747		<10	<1	0.05	10	0.32	241	1	0.04	7	280	6	0.03	<2	2	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ50736		<20	0.05	<10	<10	40	<10	37
ZZ50737		<20	0.10	<10	<10	81	<10	33
ZZ50738		<20	0.04	<10	<10	32	<10	19
ZZ50739		<20	0.03	<10	<10	28	<10	10
ZZ50740		<20	0.06	<10	<10	48	<10	23
ZZ50741		<20	0.05	<10	<10	39	<10	27
ZZ50742								
ZZ50743		<20	0.03	<10	<10	19	<10	7
ZZ50744								
ZZ50745		<20	0.07	<10	<10	54	<10	42
ZZ50746		<20	0.06	<10	<10	51	<10	33
ZZ50747		<20	0.07	<10	<10	49	<10	31

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA-Soil

CERTIFICATE OF ANALYSIS WH12213448

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213449

Project: KLAZA - Soil

P.O. No.: Batch 1

This report is for 119 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

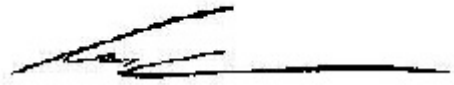
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35701		0.47	0.005	<0.2	1.40	8	<10	230	<0.5	<2	0.45	<0.5	8	26	23	2.48
ZZ35702		0.37	<0.005	<0.2	1.38	7	<10	250	<0.5	<2	0.43	<0.5	8	25	22	1.96
ZZ35703		0.39	<0.005	<0.2	1.56	8	<10	240	<0.5	<2	0.34	<0.5	7	27	14	2.06
ZZ35704		0.31	<0.005	0.2	1.65	10	<10	250	<0.5	<2	0.38	<0.5	10	33	22	2.77
ZZ35705		0.30	<0.005	<0.2	1.50	6	<10	230	<0.5	<2	0.36	<0.5	8	30	15	1.97
ZZ35706		0.42	<0.005	<0.2	1.45	9	<10	210	<0.5	<2	0.46	<0.5	10	30	13	2.23
ZZ35707		0.30	<0.005	<0.2	1.52	7	<10	200	<0.5	<2	0.46	<0.5	7	30	18	2.06
ZZ35708		0.35	<0.005	<0.2	1.51	6	<10	220	<0.5	<2	0.44	<0.5	6	28	15	1.81
ZZ35709		0.34	<0.005	<0.2	1.63	8	<10	300	<0.5	<2	0.49	<0.5	8	31	15	2.21
ZZ35710		0.25	<0.005	<0.2	1.45	4	<10	230	<0.5	<2	0.46	<0.5	7	29	18	1.80
ZZ35711		0.37	<0.005	<0.2	1.66	9	<10	270	0.5	<2	0.50	<0.5	8	37	25	2.27
ZZ35712		0.33	0.005	<0.2	1.65	11	<10	250	0.5	<2	0.47	<0.5	8	34	24	2.49
ZZ35713		0.21	<0.005	0.2	1.67	10	<10	250	0.5	<2	0.58	<0.5	12	35	25	3.63
ZZ35714		0.34	<0.005	<0.2	1.67	10	<10	220	0.5	<2	0.52	<0.5	7	37	31	2.61
ZZ35715		0.49	0.005	<0.2	1.48	8	<10	230	<0.5	<2	0.51	<0.5	10	31	24	2.49
ZZ35716		<0.02	<0.005	<0.2	1.49	6	<10	260	0.6	<2	0.37	<0.5	6	37	44	1.54
ZZ35717		0.39	<0.005	<0.2	1.30	7	<10	210	<0.5	<2	0.41	<0.5	6	29	17	2.18
ZZ35718		0.23	0.005	<0.2	1.30	3	<10	210	<0.5	<2	0.36	<0.5	5	23	17	1.26
ZZ35719		0.31	0.013	<0.2	1.26	6	<10	190	<0.5	<2	0.37	<0.5	5	24	23	1.32
ZZ35720		0.27	0.008	<0.2	1.21	9	<10	270	<0.5	<2	0.50	<0.5	6	24	26	2.13
ZZ35721		0.37	0.024	0.5	1.58	9	<10	290	0.6	<2	0.43	0.7	6	28	55	1.85
ZZ35722		0.37	0.005	<0.2	1.02	10	<10	190	<0.5	<2	0.40	<0.5	4	17	10	1.70
ZZ35723		0.30	0.032	0.3	1.37	15	<10	320	0.6	<2	0.57	0.6	7	25	63	2.32
ZZ35724		0.39	0.006	<0.2	1.36	11	<10	240	<0.5	<2	0.44	<0.5	8	23	16	2.26
ZZ35725		0.39	0.013	0.4	0.90	13	<10	170	<0.5	<2	0.48	<0.5	6	18	15	2.18
ZZ35726		0.25	NSS	1.6	2.02	32	<10	580	1.2	<2	0.63	1.9	9	37	90	3.51
ZZ35727		0.29	0.008	<0.2	1.54	11	<10	290	<0.5	<2	0.44	<0.5	5	23	22	2.03
ZZ35728		0.22	<0.005	0.2	1.06	10	<10	340	<0.5	<2	0.75	<0.5	6	18	29	1.71
ZZ35729		0.30	<0.005	<0.2	1.56	19	<10	350	<0.5	<2	0.77	<0.5	11	25	34	2.64
ZZ35730		0.21	0.008	0.2	1.52	10	<10	410	0.5	<2	0.81	<0.5	8	27	33	2.25
ZZ35731		0.32	<0.005	<0.2	1.16	9	<10	250	<0.5	<2	0.66	<0.5	7	22	19	2.06
ZZ35732		0.19	0.008	0.2	1.49	10	<10	380	<0.5	<2	0.53	<0.5	11	25	22	2.57
ZZ35733		0.28	<0.005	<0.2	1.22	6	<10	330	<0.5	<2	0.42	<0.5	6	22	14	1.80
ZZ35734		0.24	0.006	<0.2	1.26	6	<10	210	<0.5	<2	0.46	<0.5	6	27	11	1.80
ZZ35735		0.40	<0.005	<0.2	1.40	6	<10	340	0.6	<2	0.46	<0.5	6	28	21	1.70
ZZ35736		0.43	<0.005	<0.2	1.32	6	<10	260	<0.5	<2	0.38	<0.5	6	26	11	1.83
ZZ35737		0.37	<0.005	<0.2	1.57	10	<10	240	0.6	2	0.46	<0.5	8	34	18	2.62
ZZ35738		0.40	<0.005	<0.2	1.40	4	<10	260	<0.5	<2	0.40	<0.5	6	29	14	1.60
ZZ35739		0.38	<0.005	<0.2	1.52	7	<10	220	<0.5	<2	0.43	<0.5	6	31	10	2.06
ZZ35740		0.31	0.008	<0.2	1.40	9	<10	180	<0.5	<2	0.47	<0.5	9	32	14	2.47

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35701		<10	<1	0.05	10	0.40	353	1	0.04	11	600	7	0.04	<2	4	28
ZZ35702		<10	<1	0.05	10	0.40	247	1	0.04	11	590	9	0.04	<2	4	28
ZZ35703		<10	<1	0.07	10	0.46	214	1	0.04	9	390	10	0.04	<2	5	24
ZZ35704		<10	<1	0.08	10	0.51	408	1	0.05	17	550	9	0.04	<2	6	28
ZZ35705		<10	<1	0.06	10	0.45	190	1	0.05	12	460	11	0.04	<2	5	27
ZZ35706		<10	<1	0.08	10	0.49	384	1	0.04	12	500	8	0.03	<2	5	31
ZZ35707		<10	<1	0.08	10	0.47	214	1	0.04	13	390	11	0.04	<2	5	29
ZZ35708		<10	<1	0.07	10	0.50	175	1	0.04	13	500	9	0.04	<2	5	32
ZZ35709		<10	<1	0.07	10	0.50	412	1	0.04	12	560	10	0.05	<2	4	35
ZZ35710		<10	<1	0.06	10	0.45	215	1	0.05	11	550	9	0.07	<2	4	33
ZZ35711		<10	<1	0.08	20	0.53	228	1	0.04	14	610	13	0.07	<2	7	35
ZZ35712		<10	<1	0.07	20	0.53	267	2	0.04	14	460	14	0.05	<2	6	31
ZZ35713		<10	<1	0.06	20	0.52	582	2	0.04	13	600	12	0.06	<2	6	36
ZZ35714		<10	<1	0.09	20	0.56	542	2	0.04	18	600	12	0.03	<2	7	34
ZZ35715		<10	<1	0.06	20	0.50	685	2	0.04	13	570	9	0.02	<2	5	32
ZZ35716		<10	<1	0.05	20	0.39	160	1	0.03	9	640	11	0.07	<2	6	29
ZZ35717		<10	<1	0.07	10	0.47	256	1	0.04	11	540	7	0.01	<2	4	30
ZZ35718		<10	<1	0.04	10	0.38	155	1	0.04	7	480	9	0.03	<2	4	22
ZZ35719		<10	<1	0.04	10	0.36	128	1	0.03	7	530	10	0.05	<2	4	22
ZZ35720		<10	<1	0.04	10	0.34	215	2	0.04	7	710	12	0.07	<2	4	30
ZZ35721		<10	<1	0.07	30	0.50	179	1	0.04	9	540	21	0.07	<2	7	25
ZZ35722		<10	<1	0.04	10	0.32	124	2	0.03	5	520	10	0.02	<2	3	21
ZZ35723		<10	<1	0.07	20	0.39	255	2	0.03	11	730	14	0.09	<2	6	32
ZZ35724		<10	<1	0.06	10	0.40	315	2	0.04	8	610	13	0.02	<2	4	26
ZZ35725		<10	<1	0.07	10	0.38	298	2	0.04	4	910	18	0.01	<2	3	25
ZZ35726		10	1	0.08	50	0.46	268	4	0.03	16	1050	25	0.15	<2	11	38
ZZ35727		<10	<1	0.07	10	0.45	152	1	0.04	10	370	16	0.03	<2	3	27
ZZ35728		<10	<1	0.04	10	0.29	276	2	0.04	8	770	14	0.07	<2	2	42
ZZ35729		10	<1	0.09	10	0.44	572	2	0.04	10	500	20	0.04	2	4	46
ZZ35730		10	<1	0.08	10	0.48	330	1	0.04	13	500	16	0.04	<2	3	45
ZZ35731		<10	<1	0.07	10	0.43	307	1	0.04	9	550	12	0.03	<2	3	39
ZZ35732		<10	<1	0.07	10	0.44	431	1	0.04	10	610	20	0.04	<2	4	32
ZZ35733		<10	<1	0.08	20	0.38	255	1	0.04	8	460	12	0.01	<2	5	24
ZZ35734		<10	<1	0.06	10	0.43	282	1	0.04	11	580	12	0.02	<2	4	29
ZZ35735		<10	<1	0.08	20	0.39	210	1	0.03	12	570	12	0.02	<2	6	28
ZZ35736		<10	<1	0.07	20	0.37	242	1	0.04	9	500	11	0.02	<2	5	26
ZZ35737		<10	<1	0.08	20	0.49	309	1	0.04	15	560	13	0.02	<2	6	33
ZZ35738		<10	<1	0.06	10	0.40	193	1	0.04	9	440	11	0.03	<2	5	29
ZZ35739		<10	<1	0.06	10	0.45	277	1	0.03	10	470	12	0.02	<2	4	32
ZZ35740		<10	<1	0.07	10	0.53	431	2	0.04	14	610	13	0.01	<2	5	33

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35701		<20	0.07	<10	<10	52	<10	42
ZZ35702		<20	0.07	<10	<10	50	<10	40
ZZ35703		<20	0.06	<10	<10	57	<10	47
ZZ35704		<20	0.08	<10	<10	60	<10	55
ZZ35705		<20	0.07	<10	<10	54	<10	51
ZZ35706		<20	0.08	<10	<10	51	<10	46
ZZ35707		<20	0.07	<10	<10	52	<10	49
ZZ35708		<20	0.07	<10	<10	47	<10	47
ZZ35709		<20	0.06	<10	<10	56	<10	47
ZZ35710		<20	0.06	<10	<10	49	<10	49
ZZ35711		<20	0.07	<10	<10	60	<10	68
ZZ35712		<20	0.08	<10	<10	66	<10	66
ZZ35713		<20	0.06	<10	<10	67	<10	60
ZZ35714		<20	0.08	<10	<10	61	<10	59
ZZ35715		<20	0.07	<10	<10	57	<10	52
ZZ35716		<20	0.04	<10	20	60	<10	44
ZZ35717		<20	0.08	<10	<10	51	<10	44
ZZ35718		<20	0.06	<10	<10	43	<10	41
ZZ35719		<20	0.06	<10	<10	51	<10	42
ZZ35720		<20	0.05	<10	<10	48	<10	42
ZZ35721		<20	0.07	<10	10	63	<10	66
ZZ35722		<20	0.05	<10	<10	44	<10	38
ZZ35723		<20	0.06	<10	10	53	<10	50
ZZ35724		<20	0.06	<10	<10	48	<10	46
ZZ35725		<20	0.06	<10	<10	57	<10	54
ZZ35726		<20	0.05	<10	10	91	<10	114
ZZ35727		<20	0.06	<10	<10	50	<10	48
ZZ35728		<20	0.04	<10	<10	38	<10	42
ZZ35729		<20	0.07	<10	<10	60	<10	76
ZZ35730		<20	0.07	<10	<10	55	<10	55
ZZ35731		<20	0.06	<10	<10	46	<10	59
ZZ35732		<20	0.06	<10	<10	52	<10	76
ZZ35733		<20	0.04	<10	<10	42	<10	40
ZZ35734		<20	0.05	<10	<10	46	<10	44
ZZ35735		<20	0.05	<10	<10	46	<10	48
ZZ35736		<20	0.05	<10	<10	45	<10	42
ZZ35737		<20	0.06	<10	<10	60	<10	57
ZZ35738		<20	0.06	<10	<10	49	<10	50
ZZ35739		<20	0.06	<10	<10	51	<10	52
ZZ35740		<20	0.06	<10	<10	56	<10	57

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35741		0.32	0.007	<0.2	1.65	10	<10	240	0.5	<2	0.46	<0.5	10	32	19	2.84
ZZ35742		0.21	0.009	0.5	2.74	10	<10	610	0.9	<2	0.88	<0.5	15	39	39	4.15
ZZ35743		0.31	<0.005	<0.2	1.90	11	<10	240	<0.5	<2	0.28	<0.5	8	26	13	2.59
ZZ35744		0.12	<0.005	<0.2	2.17	7	<10	310	0.6	<2	0.66	<0.5	7	26	32	2.22
ZZ35745		0.33	<0.005	<0.2	1.68	10	<10	190	<0.5	<2	0.46	<0.5	8	28	15	2.40
ZZ35746		0.30	<0.005	<0.2	1.69	11	<10	160	<0.5	<2	0.50	<0.5	10	30	12	2.55
ZZ35747		0.33	<0.005	<0.2	1.76	13	<10	160	<0.5	<2	0.50	<0.5	8	36	8	2.65
ZZ35748		0.29	<0.005	<0.2	1.95	41	<10	330	0.9	<2	0.68	<0.5	11	42	36	5.89
ZZ35749		0.23	<0.005	<0.2	1.73	7	<10	290	0.6	<2	0.71	<0.5	9	29	24	2.51
ZZ35750		0.37	<0.005	<0.2	1.65	10	<10	210	<0.5	2	0.44	<0.5	9	29	26	2.63
ZZ35751		0.43	<0.005	0.7	3.64	20	<10	330	0.6	<2	0.75	<0.5	16	87	35	4.73
ZZ35752		0.31	<0.005	<0.2	2.51	12	<10	220	<0.5	<2	0.59	<0.5	13	66	22	3.66
ZZ35753		0.24	0.023	<0.2	1.71	13	<10	160	<0.5	<2	0.36	<0.5	9	48	13	2.76
ZZ35754		0.26	<0.005	0.2	2.01	13	<10	110	<0.5	<2	0.23	<0.5	7	27	14	2.48
ZZ35755		0.36	<0.005	<0.2	1.32	10	<10	100	<0.5	<2	0.29	<0.5	5	22	12	2.18
ZZ35756		0.34	0.008	<0.2	2.24	23	<10	230	0.6	<2	0.55	<0.5	10	33	23	4.13
ZZ35757		0.40	<0.005	<0.2	1.88	82	<10	120	0.5	<2	0.37	<0.5	9	24	12	3.13
ZZ35758		0.22	<0.005	<0.2	2.39	21	<10	130	<0.5	<2	0.20	<0.5	9	32	14	2.76
ZZ35759		0.26	<0.005	<0.2	1.98	12	<10	200	<0.5	<2	0.41	<0.5	9	29	14	2.77
ZZ35760		0.24	<0.005	<0.2	2.61	24	<10	140	<0.5	<2	0.30	<0.5	8	21	12	2.98
ZZ35761		0.22	<0.005	<0.2	1.86	12	<10	150	<0.5	<2	0.27	<0.5	8	24	15	2.55
ZZ35762		0.37	<0.005	<0.2	2.02	10	<10	110	<0.5	<2	0.37	<0.5	10	27	13	2.63
ZZ35763		0.26	<0.005	<0.2	2.11	17	<10	140	<0.5	<2	0.48	<0.5	12	29	18	3.12
ZZ35764		0.21	0.011	<0.2	1.85	114	<10	140	0.5	2	0.69	<0.5	10	30	23	3.60
ZZ35765		0.25	<0.005	0.2	1.77	55	<10	160	0.5	<2	1.07	<0.5	10	23	17	2.90
ZZ35766		0.18	<0.005	0.2	2.42	16	<10	210	0.5	<2	1.13	<0.5	8	23	17	2.91
ZZ35767		0.21	<0.005	<0.2	1.92	40	<10	190	<0.5	2	0.49	<0.5	9	24	11	2.97
ZZ35768		0.22	<0.005	0.2	1.73	9	<10	220	<0.5	<2	1.25	<0.5	7	23	24	2.21
ZZ35769		0.26	<0.005	<0.2	1.78	14	<10	180	<0.5	<2	0.66	<0.5	10	24	18	2.66
ZZ35770		0.14	<0.005	0.2	1.21	8	<10	190	<0.5	<2	1.60	<0.5	7	19	22	2.08
ZZ35771		0.21	<0.005	<0.2	1.60	13	<10	200	<0.5	<2	1.52	<0.5	6	14	14	2.49
ZZ35772		0.25	<0.005	<0.2	1.69	9	<10	180	<0.5	<2	0.66	<0.5	8	25	14	2.80
ZZ35773		0.25	<0.005	<0.2	2.15	20	<10	180	0.5	<2	0.49	<0.5	9	21	10	3.21
ZZ35774		0.30	<0.005	<0.2	1.57	10	<10	120	<0.5	<2	0.34	<0.5	6	19	8	2.38
ZZ35775		0.28	<0.005	<0.2	2.76	13	<10	220	0.5	<2	0.51	<0.5	12	23	11	3.64
ZZ35776		0.21	<0.005	<0.2	1.98	9	<10	70	<0.5	<2	0.20	<0.5	7	17	9	2.56
ZZ35777		0.16	<0.005	0.2	2.26	13	<10	130	0.7	2	0.54	<0.5	9	15	18	3.05
ZZ35778		0.29	<0.005	<0.2	1.68	14	<10	130	<0.5	<2	0.60	<0.5	6	14	10	2.68
ZZ35779		0.22	<0.005	0.2	1.28	8	<10	120	<0.5	2	0.88	<0.5	7	29	14	2.58
ZZ35780		0.27	<0.005	<0.2	1.36	10	<10	170	<0.5	<2	0.48	<0.5	7	24	11	2.72

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ35741		<10	<1	0.06	20	0.55	391	1	0.04	13	590	11	0.02	<2	6	35
ZZ35742		10	1	0.15	70	0.67	667	2	0.02	17	1140	13	0.07	<2	18	63
ZZ35743		<10	<1	0.09	10	0.45	303	1	0.03	12	240	8	0.01	<2	5	20
ZZ35744		10	<1	0.09	20	0.44	326	2	0.04	12	630	10	0.04	<2	4	49
ZZ35745		10	<1	0.08	10	0.55	281	2	0.03	12	270	9	0.01	<2	5	30
ZZ35746		10	<1	0.10	10	0.53	354	2	0.04	9	510	9	0.02	<2	5	32
ZZ35747		10	<1	0.08	10	0.69	284	2	0.04	10	360	10	0.02	<2	5	32
ZZ35748		10	1	0.08	40	0.61	454	6	0.02	20	730	17	0.06	2	9	44
ZZ35749		<10	<1	0.06	30	0.52	390	2	0.04	12	700	8	0.04	<2	7	40
ZZ35750		10	<1	0.08	10	0.55	440	2	0.01	18	320	14	0.02	2	6	28
ZZ35751		10	1	0.43	40	1.31	610	2	0.02	32	580	22	0.04	<2	18	47
ZZ35752		10	1	0.45	20	1.05	367	2	0.02	24	760	10	0.03	<2	9	36
ZZ35753		10	<1	0.30	10	0.81	271	1	0.02	19	320	8	0.01	3	5	21
ZZ35754		10	<1	0.10	10	0.43	198	2	0.01	12	340	11	0.01	2	4	20
ZZ35755		<10	<1	0.08	10	0.47	175	1	0.01	10	390	8	0.01	2	3	21
ZZ35756		10	<1	0.08	10	0.60	681	2	0.03	18	530	14	0.02	<2	8	40
ZZ35757		10	<1	0.12	10	0.64	468	2	0.04	10	360	9	0.01	4	9	27
ZZ35758		10	<1	0.11	10	0.53	214	1	0.02	15	310	7	0.01	2	4	20
ZZ35759		10	<1	0.09	10	0.50	606	2	0.02	13	280	10	0.01	2	4	35
ZZ35760		10	<1	0.15	10	0.57	242	1	0.02	10	240	7	0.01	<2	4	26
ZZ35761		10	<1	0.08	10	0.44	194	1	0.02	15	390	9	0.01	<2	3	27
ZZ35762		10	1	0.05	10	0.36	418	2	0.01	10	280	9	0.01	<2	3	24
ZZ35763		10	<1	0.11	10	0.56	598	1	0.03	12	350	12	0.01	2	7	37
ZZ35764		10	1	0.18	10	0.66	380	5	0.05	11	350	10	0.02	4	12	41
ZZ35765		10	<1	0.15	20	0.59	513	2	0.04	9	470	12	0.04	<2	9	59
ZZ35766		10	<1	0.31	20	0.81	377	1	0.06	11	510	10	0.04	3	7	69
ZZ35767		10	<1	0.32	10	0.79	447	2	0.05	9	320	7	0.01	2	8	32
ZZ35768		10	1	0.21	20	0.70	240	1	0.04	9	620	11	0.09	<2	6	61
ZZ35769		10	<1	0.17	10	0.63	469	1	0.03	12	400	12	0.02	<2	5	39
ZZ35770		<10	1	0.13	20	0.46	451	1	0.02	8	690	13	0.09	<2	5	64
ZZ35771		10	1	0.31	10	0.60	396	2	0.05	6	540	12	0.06	2	6	65
ZZ35772		10	<1	0.21	10	0.60	438	1	0.03	10	360	12	0.02	2	8	34
ZZ35773		10	<1	0.34	10	0.75	455	2	0.05	8	210	27	0.01	<2	9	33
ZZ35774		<10	<1	0.11	10	0.42	187	1	0.02	8	250	8	0.01	3	4	24
ZZ35775		10	<1	0.56	10	1.17	495	1	0.06	10	210	13	0.01	2	10	35
ZZ35776		10	<1	0.22	10	0.57	229	1	0.02	8	140	9	0.01	<2	4	18
ZZ35777		10	1	0.30	30	0.61	783	2	0.03	6	320	40	0.01	<2	7	32
ZZ35778		10	1	0.33	10	0.64	413	1	0.03	5	340	15	0.01	2	6	28
ZZ35779		<10	<1	0.11	10	0.52	275	2	0.03	9	430	10	0.03	2	6	33
ZZ35780		<10	<1	0.13	20	0.47	334	2	0.02	10	390	15	0.01	3	6	23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
ZZ35741		<20	0.06	<10	<10	60	<10	52
ZZ35742		<20	0.01	<10	<10	87	<10	71
ZZ35743		<20	0.05	<10	<10	53	<10	49
ZZ35744		<20	0.04	<10	<10	53	<10	41
ZZ35745		<20	0.07	<10	<10	53	<10	43
ZZ35746		<20	0.07	<10	<10	61	<10	45
ZZ35747		<20	0.10	<10	<10	79	<10	61
ZZ35748		<20	0.06	<10	<10	90	<10	77
ZZ35749		<20	0.04	<10	<10	56	<10	44
ZZ35750		<20	0.06	<10	<10	62	<10	56
ZZ35751		<20	0.18	<10	<10	135	<10	97
ZZ35752		<20	0.20	<10	<10	104	<10	69
ZZ35753		<20	0.19	<10	<10	81	<10	54
ZZ35754		<20	0.09	<10	<10	60	<10	39
ZZ35755		<20	0.10	<10	<10	59	<10	36
ZZ35756		<20	0.07	<10	<10	87	<10	68
ZZ35757		<20	0.07	<10	<10	76	<10	54
ZZ35758		<20	0.10	<10	<10	67	<10	39
ZZ35759		<20	0.09	<10	<10	65	<10	47
ZZ35760		<20	0.07	<10	<10	77	<10	35
ZZ35761		<20	0.08	<10	<10	61	<10	37
ZZ35762		<20	0.08	<10	<10	65	<10	44
ZZ35763		<20	0.07	<10	<10	75	<10	58
ZZ35764		<20	0.07	<10	<10	81	<10	51
ZZ35765		<20	0.06	<10	<10	66	<10	55
ZZ35766		<20	0.11	<10	<10	78	<10	59
ZZ35767		<20	0.13	<10	<10	79	<10	56
ZZ35768		<20	0.09	<10	<10	64	<10	65
ZZ35769		<20	0.09	<10	<10	65	<10	51
ZZ35770		<20	0.06	<10	<10	52	<10	72
ZZ35771		<20	0.09	<10	<10	56	<10	58
ZZ35772		<20	0.07	<10	<10	64	<10	55
ZZ35773		<20	0.11	<10	<10	81	<10	70
ZZ35774		<20	0.06	<10	<10	59	<10	35
ZZ35775		<20	0.18	<10	<10	95	<10	59
ZZ35776		<20	0.08	<10	<10	65	<10	37
ZZ35777		<20	0.06	<10	<10	65	<10	60
ZZ35778		<20	0.08	<10	<10	63	<10	49
ZZ35779		<20	0.05	<10	<10	63	<10	45
ZZ35780		<20	0.05	<10	<10	61	<10	49

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89021		0.47	<0.005	<0.2	1.13	5	<10	220	<0.5	<2	0.48	<0.5	5	20	10	1.60
CC89022		0.47	0.005	<0.2	0.64	4	<10	130	<0.5	<2	0.34	<0.5	3	11	5	1.04
CC89023		0.39	<0.005	<0.2	1.01	9	<10	200	<0.5	<2	0.46	<0.5	5	18	11	1.60
CC89024		0.37	<0.005	<0.2	0.81	6	<10	150	<0.5	<2	0.43	<0.5	3	14	10	1.10
CC89025		0.30	<0.005	0.3	1.06	10	<10	770	0.5	<2	1.78	0.7	16	25	37	2.76
CC89026		0.24	<0.005	0.3	1.36	4	<10	470	0.6	<2	0.77	<0.5	5	28	35	1.63
CC89027		0.65	<0.005	<0.2	1.39	9	<10	300	<0.5	<2	0.65	<0.5	11	32	22	2.65
CC89028		0.34	<0.005	<0.2	1.33	6	<10	200	<0.5	<2	0.71	<0.5	9	27	11	2.32
CC89029		0.10	<0.005	<0.2	1.34	5	<10	200	<0.5	2	0.46	<0.5	7	33	20	1.88
CC89030		0.50	0.009	0.2	1.45	8	<10	240	0.5	<2	0.68	<0.5	10	37	31	2.52
CC89031		0.41	<0.005	0.2	1.64	8	<10	320	0.6	<2	0.58	<0.5	10	30	32	3.09
CC89032		0.24	<0.005	<0.2	1.68	6	<10	190	<0.5	<2	0.56	<0.5	9	38	15	2.53
CC89033		0.35	<0.005	<0.2	2.27	11	<10	240	0.7	<2	0.89	0.5	11	42	67	3.09
CC89034		0.48	<0.005	<0.2	1.98	11	<10	210	<0.5	<2	0.48	<0.5	9	32	16	2.80
CC89035		0.14	<0.005	<0.2	1.22	6	<10	310	<0.5	<2	0.91	<0.5	8	22	29	1.95
CC89036		0.49	<0.005	<0.2	1.49	9	<10	240	<0.5	<2	0.42	<0.5	6	22	26	2.23
CC89037		0.22	<0.005	<0.2	1.40	10	<10	200	<0.5	<2	0.48	<0.5	6	24	17	2.40
CC89038		0.38	<0.005	<0.2	1.25	11	<10	180	<0.5	<2	0.47	<0.5	7	24	15	2.32
CC89039		0.31	<0.005	<0.2	1.17	6	<10	190	<0.5	<2	0.47	<0.5	6	21	12	1.98
CC89040		0.21	<0.005	<0.2	1.40	10	<10	320	<0.5	<2	0.56	<0.5	8	22	17	2.62
CC89041		0.33	0.006	0.2	1.04	2	<10	150	<0.5	<2	0.40	<0.5	5	17	18	1.67
CC89042		0.50	0.010	0.6	1.85	16	<10	340	0.8	<2	0.64	<0.5	6	27	48	3.66
CC89043		0.41	<0.005	<0.2	1.36	9	<10	160	<0.5	<2	0.55	<0.5	7	24	16	2.44
CC89044		0.28	<0.005	<0.2	0.91	9	<10	170	<0.5	<2	0.51	<0.5	5	16	23	1.75
CC89045		0.28	0.005	0.3	1.22	13	<10	210	<0.5	<2	0.37	<0.5	7	23	22	2.37
CC89046		0.34	0.009	0.2	1.19	23	<10	240	0.5	<2	0.40	<0.5	8	30	32	3.37
CC89047		0.47	0.011	0.9	1.88	20	<10	540	0.8	<2	0.99	<0.5	9	27	45	2.96
CC89048		0.35	0.032	0.4	1.01	34	<10	200	0.5	<2	0.51	<0.5	8	22	42	3.14
CC89049		0.58	0.006	0.3	1.35	13	<10	240	<0.5	<2	0.46	<0.5	7	23	24	2.49
CC89050		0.68	0.008	0.2	1.64	11	<10	300	<0.5	<2	0.44	<0.5	7	26	21	2.20
CC89401		0.48	0.015	<0.2	1.59	16	<10	230	<0.5	<2	0.43	<0.5	6	25	16	2.13
CC89402		0.30	<0.005	<0.2	1.28	16	<10	190	<0.5	<2	0.52	<0.5	9	25	14	2.17
CC89203		0.28	<0.005	0.3	1.54	11	<10	150	0.7	2	0.06	<0.5	11	17	18	3.83
CC89204		0.27	<0.005	<0.2	1.68	23	<10	250	1.0	<2	0.06	<0.5	11	12	18	3.43
CC89205		0.33	<0.005	<0.2	0.68	11	<10	260	<0.5	<2	0.06	<0.5	5	9	6	2.52
CC89019		0.26	<0.005	<0.2	1.36	9	<10	370	0.5	<2	1.10	<0.5	10	32	39	2.34
CC89020		0.36	<0.005	<0.2	1.59	7	<10	190	<0.5	<2	0.52	<0.5	9	33	20	2.45
CC89062		0.43	0.010	<0.2	1.77	14	<10	220	0.5	<2	0.44	<0.5	11	38	20	3.15
CC89063		0.20	<0.005	<0.2	1.24	8	<10	280	<0.5	<2	0.78	<0.5	8	31	30	1.86

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC89021		<10	<1	0.05	10	0.36	196	1	0.02	10	760	8	0.05	<2	3	29
CC89022		<10	<1	0.04	10	0.22	96	1	0.02	5	610	6	0.02	<2	2	22
CC89023		<10	<1	0.05	10	0.33	242	1	0.02	9	670	7	0.03	2	3	34
CC89024		<10	1	0.04	10	0.26	113	1	0.02	7	620	6	0.02	2	2	21
CC89025		<10	1	0.03	10	0.24	763	2	0.03	18	1380	8	0.23	<2	3	93
CC89026		<10	<1	0.07	30	0.40	186	<1	0.03	12	520	11	0.10	<2	6	39
CC89027		<10	<1	0.08	20	0.55	1215	1	0.03	15	750	11	0.03	<2	5	31
CC89028		<10	<1	0.07	10	0.51	350	<1	0.03	10	660	8	0.02	<2	4	36
CC89029		<10	<1	0.08	20	0.49	217	<1	0.03	11	590	9	0.02	<2	6	24
CC89030		10	1	0.09	20	0.57	514	1	0.03	20	790	10	0.03	<2	7	35
CC89031		10	<1	0.10	20	0.67	371	1	0.03	14	710	13	0.02	<2	7	30
CC89032		10	<1	0.07	10	0.82	441	<1	0.04	12	490	6	0.02	<2	5	42
CC89033		10	<1	0.10	60	1.11	604	<1	0.04	12	690	43	0.06	<2	16	35
CC89034		10	1	0.09	10	0.69	368	1	0.03	14	260	7	0.01	<2	5	30
CC89035		<10	<1	0.04	20	0.40	471	<1	0.03	10	870	8	0.05	2	4	46
CC89036		10	<1	0.06	10	0.34	224	1	0.03	11	300	8	0.01	<2	3	29
CC89037		10	<1	0.09	10	0.44	314	1	0.03	11	350	9	0.01	<2	4	26
CC89038		<10	<1	0.08	10	0.55	277	1	0.03	11	570	15	0.01	<2	4	25
CC89039		<10	<1	0.06	10	0.40	221	1	0.03	9	640	7	0.02	<2	3	25
CC89040		<10	<1	0.08	10	0.50	236	1	0.04	9	760	11	0.02	<2	4	32
CC89041		<10	<1	0.09	10	0.43	170	<1	0.04	5	660	16	0.01	<2	3	21
CC89042		10	<1	0.10	20	0.43	236	1	0.03	13	730	17	0.05	<2	7	34
CC89043		10	<1	0.10	10	0.60	255	1	0.03	9	990	14	0.01	<2	4	25
CC89044		<10	1	0.07	10	0.30	276	1	0.04	9	480	10	0.03	<2	2	28
CC89045		<10	<1	0.07	10	0.43	348	1	0.03	10	290	13	0.01	<2	4	21
CC89046		<10	<1	0.09	10	0.52	422	1	0.02	12	460	21	0.01	3	6	25
CC89047		10	<1	0.09	30	0.40	403	1	0.04	15	970	19	0.06	<2	7	53
CC89048		<10	<1	0.09	10	0.44	480	2	0.04	8	860	25	0.02	3	5	29
CC89049		<10	<1	0.08	20	0.45	354	1	0.03	10	540	13	0.02	<2	4	29
CC89050		10	<1	0.08	20	0.49	260	1	0.02	11	410	16	0.02	<2	5	26
CC89401		10	<1	0.08	10	0.48	205	1	0.03	12	400	9	0.01	<2	5	29
CC89402		<10	<1	0.07	10	0.43	596	1	0.03	11	470	9	0.02	2	4	34
CC89203		<10	<1	0.10	10	0.16	490	2	0.02	8	360	22	0.07	2	4	15
CC89204		10	<1	0.22	30	0.33	1085	2	0.02	4	360	14	0.02	3	5	9
CC89205		<10	1	0.15	10	0.10	343	4	0.03	3	480	18	0.25	2	2	23
CC89019		10	<1	0.06	10	0.49	485	1	0.03	14	770	10	0.09	2	6	57
CC89020		10	<1	0.05	10	0.59	298	1	0.03	12	630	10	0.01	<2	5	28
CC89062		10	1	0.06	20	0.70	266	1	0.03	14	640	9	0.01	<2	7	24
CC89063		<10	<1	0.04	10	0.51	251	2	0.04	10	710	13	0.08	<2	5	41

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC89021		<20	0.05	<10	<10	40	<10	57
CC89022		<20	0.04	<10	<10	25	<10	33
CC89023		<20	0.06	<10	<10	37	<10	42
CC89024		<20	0.04	<10	<10	29	<10	35
CC89025		<20	0.04	<10	<10	44	<10	47
CC89026		<20	0.06	<10	<10	52	<10	48
CC89027		<20	0.07	<10	<10	58	<10	63
CC89028		<20	0.07	<10	<10	53	<10	51
CC89029		<20	0.07	<10	<10	62	<10	50
CC89030		<20	0.07	<10	<10	66	<10	61
CC89031		<20	0.08	<10	<10	72	<10	67
CC89032		<20	0.09	<10	<10	68	<10	53
CC89033		<20	0.01	<10	10	84	<10	74
CC89034		<20	0.07	<10	<10	66	<10	57
CC89035		<20	0.03	<10	<10	43	<10	30
CC89036		<20	0.07	<10	<10	52	<10	43
CC89037		<20	0.07	<10	<10	56	<10	51
CC89038		<20	0.08	<10	<10	60	<10	64
CC89039		<20	0.07	<10	<10	47	<10	42
CC89040		<20	0.08	<10	<10	58	<10	57
CC89041		<20	0.08	<10	<10	48	<10	62
CC89042		<20	0.06	<10	<10	89	<10	66
CC89043		<20	0.10	<10	<10	68	<10	89
CC89044		<20	0.04	<10	<10	39	<10	46
CC89045		<20	0.06	<10	<10	52	<10	57
CC89046		<20	0.06	<10	<10	75	<10	89
CC89047		<20	0.04	<10	<10	56	<10	63
CC89048		<20	0.07	<10	<10	68	<10	91
CC89049		<20	0.06	<10	<10	52	<10	55
CC89050		<20	0.07	<10	<10	59	<10	66
CC89401		<20	0.06	<10	<10	50	<10	46
CC89402		<20	0.06	<10	<10	52	<10	46
CC89203		<20	0.02	<10	<10	53	<10	63
CC89204		<20	0.02	<10	<10	54	<10	54
CC89205		<20	0.03	<10	<10	43	<10	47
CC89019		<20	0.05	<10	10	55	<10	59
CC89020		<20	0.08	<10	<10	62	<10	49
CC89062		<20	0.07	<10	<10	72	<10	54
CC89063		<20	0.05	<10	10	50	<10	41

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: KLAZA - Soil

CERTIFICATE OF ANALYSIS WH12213449

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213660

Project: Klaza - 125

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

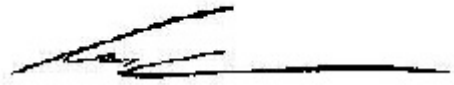
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213660

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357526		2.75	0.155	1.87	6.88	100.5	390	1.46	2.38	1.31	5.51	56.4	10.0	7	10.35	83.2
M357527		3.07	6.88	>100	3.21	1655	120	0.62	149.0	1.78	65.8	12.05	11.5	6	3.72	4230
M357528		3.07	<0.005	0.16	0.06	5	20	0.07	0.15	19.80	0.14	1.07	1.2	<1	0.17	6.8
M357529		2.32	0.259	2.00	6.08	128.0	300	1.28	3.96	0.72	7.02	40.3	16.5	7	13.70	48.2
M357530		4.71	0.028	0.24	7.33	17.4	1960	1.34	0.84	1.89	0.17	44.0	10.1	9	12.50	24.1
M357531		3.18	0.082	0.97	7.33	65.2	2270	1.36	3.41	1.66	0.85	40.6	7.8	9	12.75	122.5
M357532		3.96	<0.005	0.11	7.43	8.2	2700	1.27	0.44	1.57	0.16	36.6	6.6	9	14.00	11.4
M357533		1.81	<0.005	0.13	7.66	10.0	3190	1.31	0.59	1.50	0.15	38.8	6.7	8	13.60	17.2
M357534		7.33	<0.005	0.11	7.29	46.8	2270	1.36	0.18	2.30	0.15	38.4	8.0	8	12.35	9.2
M357535		5.64	0.019	0.27	7.12	21.1	2120	1.50	1.16	2.54	0.20	42.3	7.6	9	17.00	24.2
M357536		0.26	4.26	>100	5.34	7210	660	1.20	56.0	1.90	220	29.9	9.5	17	10.30	1225
M357537		2.36	0.075	1.08	7.16	379	1800	1.61	0.93	2.71	6.63	44.9	7.3	13	12.20	34.0
M357538		2.50	0.015	0.27	7.70	21.4	2390	1.71	1.34	2.03	0.21	47.1	7.0	9	15.05	18.3
M357539		2.81	9.03	27.7	6.22	472	530	1.38	148.0	1.35	5.77	40.4	7.1	8	10.30	2700
M357540		2.83	0.005	0.04	0.06	<5	20	0.06	0.16	20.0	0.06	0.94	1.4	<1	0.18	5.5
M357541		2.72	0.032	0.28	8.00	12.5	3500	1.49	1.22	0.91	0.15	48.9	5.6	8	10.95	30.5
M357542		5.63	0.034	0.16	8.03	13.3	3170	1.47	1.25	1.15	0.19	54.2	10.4	9	11.00	27.0
M357543		3.33	0.162	0.17	7.27	33.1	230	1.49	1.45	1.76	0.13	62.2	126.0	9	9.19	11.8
M357544		4.85	0.009	0.12	7.45	8.4	2130	1.48	0.80	2.52	0.15	49.4	12.6	9	8.46	20.3
M357545		3.20	0.056	0.65	6.89	34.8	1170	1.59	1.93	2.91	1.84	48.5	21.7	8	10.05	14.7
M357546		3.07	0.059	0.18	7.41	25.3	780	1.42	1.33	1.70	0.54	47.0	51.0	10	8.99	9.1
M357547		5.69	0.018	0.23	7.78	10.5	2690	1.67	0.90	2.16	1.23	51.3	4.0	10	9.95	31.5
M357548		0.26	4.60	>100	5.34	7790	740	1.16	56.3	1.89	218	29.4	9.4	16	9.87	1235
M357549		5.62	0.072	0.42	7.15	26.5	1860	1.94	1.95	2.60	0.33	32.1	6.9	10	11.40	52.2
M357550		2.86	0.140	2.15	7.84	152.5	660	1.69	3.54	1.33	5.16	47.6	9.3	8	15.25	87.6
M357551		3.43	0.531	16.20	6.10	372	280	0.99	20.1	3.17	97.4	13.20	3.0	5	5.04	586
M357552		2.87	0.130	1.42	7.98	88.9	340	1.17	2.80	0.27	20.2	25.6	4.3	10	3.48	23.8
M357553		3.07	0.620	3.34	5.62	188.5	380	1.03	6.70	0.43	5.95	20.5	20.1	12	3.25	23.7
M357554		2.74	0.131	3.32	7.36	143.5	980	1.10	2.50	1.94	14.85	44.2	4.7	11	8.03	188.5
M357555		2.99	0.177	1.99	7.12	156.0	590	1.76	2.46	2.49	4.09	47.5	7.7	9	16.45	71.5
M357556		3.52	0.017	0.21	7.09	16.4	2230	1.70	0.71	2.43	0.29	39.6	5.2	9	15.35	12.3
M357557		3.30	0.168	0.87	7.31	79.8	1120	1.59	0.61	2.24	3.53	49.9	12.1	8	18.65	44.6
M357558		<0.02	0.159	1.03	7.55	78.1	1150	1.63	0.57	2.20	3.53	51.2	12.4	8	18.95	55.3
M357559		3.05	0.045	0.52	6.91	47.6	1180	1.74	0.60	3.34	1.19	45.9	11.1	6	26.4	16.5
M357560		3.02	3.94	18.20	6.44	843	500	1.62	17.35	2.14	14.50	39.8	7.4	6	12.20	476
M357561		6.90	0.013	0.41	7.28	30.2	1300	2.22	0.26	2.48	0.65	47.8	5.1	4	20.5	8.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213660

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357526		4.19	15.50	0.21	1.1	0.203	3.18	32.5	10.3	0.73	1740	19.80	0.05	3.9	1.9	520
M357527		15.85	9.88	0.24	0.4	2.71	1.43	5.9	8.6	0.69	3520	2.23	0.03	2.2	2.2	220
M357528		0.48	0.35	<0.05	<0.1	0.008	0.02	0.5	0.9	11.95	210	0.14	<0.01	0.3	<0.2	170
M357529		4.37	15.20	0.17	0.8	0.145	2.76	20.5	26.7	0.47	478	2.15	0.05	3.3	2.8	440
M357530		2.86	17.65	0.22	1.1	0.164	3.11	21.5	33.3	0.70	605	2.74	0.08	6.9	2.3	610
M357531		3.19	17.85	0.20	1.1	0.348	2.83	19.4	29.7	0.65	523	27.3	0.08	8.0	2.1	600
M357532		2.83	18.25	0.21	1.1	0.085	2.44	16.9	43.7	0.59	622	7.79	0.08	8.0	2.4	610
M357533		3.00	18.75	0.18	1.0	0.083	2.52	18.2	41.9	0.60	653	10.50	0.08	8.4	2.4	640
M357534		2.88	18.30	0.23	1.1	0.049	2.78	17.6	32.4	0.55	619	7.14	0.63	8.1	2.4	610
M357535		2.83	17.10	0.22	1.1	0.099	2.76	20.9	42.8	0.84	583	1.30	0.73	7.7	2.3	560
M357536		7.92	13.55	0.20	1.1	4.54	2.24	14.7	24.4	0.60	2950	14.95	0.08	5.6	13.0	440
M357537		3.10	17.30	0.26	1.1	0.070	2.61	22.0	18.9	0.90	577	0.84	1.35	7.6	2.6	560
M357538		3.44	18.40	0.26	1.1	0.138	3.07	22.9	27.4	0.77	464	2.06	1.20	8.6	2.7	630
M357539		8.85	15.20	0.27	0.9	0.709	2.71	20.3	12.7	0.67	668	4.09	0.06	5.9	2.8	490
M357540		0.48	0.41	0.05	<0.1	0.005	0.03	0.5	0.8	12.10	210	0.10	0.01	0.3	<0.2	170
M357541		2.79	18.35	0.21	1.1	0.095	3.09	24.8	28.7	0.46	552	2.18	0.11	7.9	2.5	630
M357542		2.56	18.00	0.19	1.1	0.109	2.60	27.6	42.4	0.46	536	3.22	0.09	8.6	3.5	660
M357543		5.85	17.25	0.27	0.9	0.122	2.93	33.8	17.4	0.75	355	5.02	1.32	7.3	8.9	630
M357544		2.87	18.65	0.27	1.0	0.123	2.74	24.4	19.3	0.70	347	2.11	1.56	7.8	2.5	590
M357545		3.09	16.65	0.24	0.9	0.099	2.85	25.6	13.4	0.93	594	2.32	0.96	5.7	3.6	580
M357546		2.30	17.75	0.23	0.9	0.078	3.36	25.0	13.3	0.63	225	3.33	0.38	6.2	4.2	570
M357547		3.07	19.70	0.26	1.1	0.082	3.24	25.0	19.1	0.66	369	5.35	1.36	9.0	2.6	670
M357548		7.85	13.50	0.20	1.1	4.40	2.26	14.4	25.7	0.60	2930	14.55	0.08	5.5	13.2	450
M357549		2.25	17.50	0.21	1.2	0.084	3.31	15.0	33.0	0.68	421	7.17	0.50	7.9	2.3	610
M357550		3.91	19.05	0.24	1.0	0.226	3.65	25.7	10.1	0.66	1030	9.32	0.05	6.8	2.8	620
M357551		6.14	13.70	0.18	0.8	1.685	2.96	7.1	12.2	1.40	2480	59.9	0.04	3.8	0.8	470
M357552		3.64	20.8	0.21	1.0	0.454	3.91	12.1	8.9	0.32	162	23.5	0.07	5.8	1.3	640
M357553		7.36	13.55	0.24	0.7	0.137	2.68	9.7	8.7	0.28	212	103.0	0.05	3.3	1.9	420
M357554		2.75	17.00	0.23	1.0	0.202	3.60	22.9	13.1	0.85	2420	16.75	0.06	6.4	2.6	550
M357555		3.73	16.95	0.26	0.9	0.128	2.83	24.0	59.1	0.87	1640	43.8	0.05	7.6	2.8	590
M357556		3.18	17.50	0.27	1.0	0.067	2.76	18.8	59.1	0.69	480	4.60	0.73	8.0	2.3	610
M357557		2.43	17.45	0.25	1.0	0.064	3.24	25.2	16.3	0.80	1620	1.61	0.07	7.7	3.3	590
M357558		2.47	18.00	0.24	1.0	0.068	3.34	25.9	16.5	0.80	1640	1.40	0.07	7.8	3.3	620
M357559		2.79	16.10	0.23	0.9	0.072	2.42	23.5	59.7	0.98	1050	4.02	0.06	7.4	2.5	600
M357560		6.34	17.20	0.26	1.0	0.661	2.88	19.3	17.6	0.93	1780	2.42	0.05	6.4	2.8	550
M357561		2.52	19.75	0.25	2.2	0.034	2.67	21.8	54.1	0.74	694	1.60	0.14	9.1	1.9	870

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213660

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357526		190.5	214	<0.002	3.20	15.50	9.3	1	5.5	55.7	0.34	0.65	16.5	0.131	3.00	4.8
M357527		1495	85.2	0.002	>10.0	348	3.8	2	17.6	80.6	0.17	1.22	5.1	0.068	0.96	7.5
M357528		3.5	1.4	<0.002	0.02	0.52	0.2	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
M357529		148.5	165.5	<0.002	4.19	18.90	8.8	1	9.8	49.6	0.27	0.59	9.7	0.119	1.97	4.0
M357530		18.3	130.5	<0.002	0.80	8.21	11.0	1	2.6	104.0	0.57	0.09	12.8	0.225	2.04	3.4
M357531		76.0	109.5	0.003	1.00	18.05	11.4	1	2.9	90.7	0.67	0.12	13.8	0.240	1.55	4.2
M357532		12.7	84.1	<0.002	0.12	8.15	12.0	1	1.6	99.2	0.57	<0.05	11.4	0.249	1.09	2.7
M357533		13.0	88.1	<0.002	0.11	7.85	12.6	1	2.2	101.5	0.60	<0.05	12.5	0.262	1.12	3.0
M357534		17.1	91.6	<0.002	0.08	5.83	11.3	1	1.8	177.0	0.59	<0.05	11.1	0.257	1.13	2.7
M357535		16.8	106.5	<0.002	0.28	8.53	10.8	1	1.9	211	0.62	0.09	12.7	0.231	1.47	4.3
M357536		9550	138.0	<0.002	6.76	212	7.4	3	8.1	121.5	0.42	0.48	9.3	0.174	2.07	5.8
M357537		383	118.0	<0.002	0.62	13.45	11.3	1	2.2	267	0.61	0.07	14.1	0.232	1.41	5.1
M357538		18.5	134.0	<0.002	0.33	6.27	12.4	1	2.5	241	0.71	0.12	14.6	0.261	1.75	4.1
M357539		213	166.0	<0.002	7.81	150.0	9.9	2	9.3	55.8	0.48	1.27	11.9	0.193	1.73	4.4
M357540		1.4	1.4	<0.002	0.01	0.26	0.3	1	<0.2	40.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357541		10.2	154.0	<0.002	0.23	23.8	12.4	1	1.9	88.1	0.69	0.05	14.2	0.262	1.84	3.5
M357542		16.5	116.5	<0.002	0.37	12.40	12.3	1	2.1	105.5	0.68	0.09	14.0	0.263	1.30	4.5
M357543		14.9	140.5	<0.002	4.24	3.00	10.9	3	2.8	210	0.57	0.54	12.7	0.225	1.67	4.1
M357544		17.7	104.0	<0.002	0.23	2.91	11.2	1	1.9	289	0.59	0.05	12.7	0.247	1.40	3.4
M357545		103.5	144.5	<0.002	1.64	3.51	10.6	1	3.7	196.0	0.49	0.33	11.2	0.202	2.38	4.3
M357546		23.5	170.5	<0.002	1.39	23.2	11.0	1	3.1	129.0	0.46	0.33	13.2	0.201	2.04	4.9
M357547		72.5	139.0	<0.002	0.24	5.73	13.1	1	2.1	264	0.70	0.10	13.8	0.259	1.76	5.1
M357548		9530	136.0	<0.002	6.78	212	7.3	3	7.8	119.5	0.42	0.47	9.4	0.175	2.03	5.8
M357549		22.1	157.0	<0.002	0.52	6.66	11.5	1	2.8	185.0	0.68	0.28	13.5	0.227	2.63	4.9
M357550		180.5	241	<0.002	2.45	11.45	11.8	1	7.4	60.6	0.50	0.37	16.8	0.213	3.36	5.8
M357551		953	221	0.003	5.91	53.0	7.8	2	9.1	47.4	0.29	0.31	10.8	0.118	2.33	3.7
M357552		390	202	0.003	3.57	9.50	10.2	1	13.7	15.6	0.44	0.46	13.4	0.178	2.23	4.2
M357553		218	141.0	0.009	7.84	23.2	6.9	2	7.7	16.3	0.22	1.81	8.4	0.109	1.54	3.7
M357554		295	215	<0.002	1.68	23.4	11.1	1	4.4	47.7	0.47	0.12	14.5	0.212	2.61	3.9
M357555		233	138.0	0.002	1.78	13.35	11.5	1	3.1	147.5	0.56	0.16	14.0	0.240	2.55	4.8
M357556		22.0	95.2	<0.002	0.18	6.29	11.5	1	1.6	246	0.62	0.10	11.9	0.252	1.53	3.5
M357557		106.0	153.5	<0.002	0.67	18.40	11.4	1	1.7	102.0	0.58	0.06	12.4	0.245	2.46	5.1
M357558		103.5	163.0	<0.002	0.64	20.1	11.8	1	1.7	103.0	0.57	0.05	12.8	0.248	2.45	5.1
M357559		48.7	104.0	<0.002	0.45	10.15	10.9	1	1.9	164.0	0.54	0.12	12.7	0.240	1.73	5.6
M357560		923	201	<0.002	6.07	36.4	8.8	1	11.5	74.3	0.43	0.15	9.9	0.203	2.34	3.1
M357561		95.2	91.1	<0.002	0.14	3.87	5.6	1	1.5	227	0.65	<0.05	8.4	0.283	1.69	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213660

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M357526		57	3.6	8.8	461	26.8	1	
M357527		29	6.7	5.0	4320	10.6	116	
M357528		2	0.1	0.8	22	<0.5	<1	
M357529		55	4.9	7.3	620	20.3	2	
M357530		70	3.4	12.9	41	26.9	<1	
M357531		70	10.0	13.8	94	28.0	<1	
M357532		69	10.8	14.3	41	27.1	<1	
M357533		74	12.6	14.7	41	27.2	<1	
M357534		71	4.2	14.5	40	27.5	<1	
M357535		64	3.8	14.6	46	28.9	<1	
M357536		51	4.4	9.4	>10000	32.2	122	1.630
M357537		66	1.5	15.6	623	27.4	1	
M357538		73	2.0	15.8	43	28.4	<1	
M357539		62	3.9	12.1	384	20.9	29	
M357540		1	0.1	0.9	14	<0.5	<1	
M357541		72	3.6	15.2	38	25.5	<1	
M357542		65	5.3	16.8	37	27.2	<1	
M357543		69	1.6	15.7	30	23.5	<1	
M357544		70	1.9	14.7	29	24.7	<1	
M357545		68	2.3	14.5	154	23.0	<1	
M357546		74	6.1	10.4	54	23.4	<1	
M357547		76	2.4	19.2	133	30.5	<1	
M357548		51	4.2	9.1	>10000	32.3	112	1.520
M357549		68	1.6	11.8	46	30.7	1	
M357550		66	8.4	11.4	445	24.7	2	
M357551		40	10.2	5.3	7850	18.8	18	
M357552		63	16.2	5.4	1530	25.2	1	
M357553		48	9.5	6.7	437	18.0	4	
M357554		64	13.9	10.5	1180	26.0	4	
M357555		69	8.1	13.8	329	23.9	3	
M357556		70	2.4	13.9	51	25.7	<1	
M357557		70	6.7	13.3	326	25.6	1	
M357558		70	6.8	13.8	327	26.4	1	
M357559		67	2.7	14.5	141	24.2	<1	
M357560		55	7.2	9.4	1180	30.0	20	
M357561		45	1.1	11.0	135	67.9	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213660

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213661

Project: Klaza-125

P.O. No.: Batch 6

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

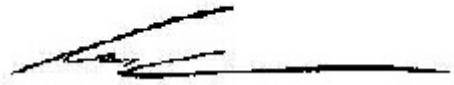
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12213661

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357598		4.68	<0.005	0.24	7.51	107.5	2340	1.57	0.51	2.86	0.61	41.2	7.3	9	10.30	14.3
M357599		5.76	0.012	0.15	7.30	25.3	2310	1.75	0.71	3.24	0.13	48.5	7.0	10	12.05	11.9
M357600		2.85	0.220	0.17	7.31	17.2	2040	1.57	0.81	2.89	0.12	46.1	7.1	9	14.25	18.3
M357601		3.05	2.49	3.33	7.06	114.0	710	1.46	36.3	1.81	5.53	51.9	7.4	6	7.96	302
M357602		2.06	0.009	0.21	6.74	19.2	2060	1.64	0.82	2.80	0.11	38.9	6.5	8	10.90	13.0
M357603		<0.02	0.009	0.18	7.16	15.2	2080	1.55	0.77	2.82	0.09	45.9	6.4	8	11.10	13.7
M357604		6.55	0.021	0.21	6.88	18.0	2120	1.72	1.97	2.89	0.11	44.0	6.0	8	11.05	13.9
M357605		2.74	4.96	5.95	6.86	67.7	1040	1.50	35.7	1.69	0.39	44.4	21.7	7	11.60	678
M357606		2.80	0.728	18.10	6.64	792	1240	1.33	14.50	1.90	6.71	48.5	5.9	7	11.95	824
M357607		2.41	<0.005	0.04	0.09	<5	320	0.05	0.12	20.7	0.07	1.19	0.8	<1	0.31	5.3
M357608		5.99	0.018	0.46	6.86	28.7	2200	1.54	0.92	2.99	0.28	48.3	7.3	7	9.21	32.6
M357609		7.88	0.007	0.20	7.44	13.0	2240	1.65	0.60	2.57	0.15	45.3	8.6	9	11.50	20.3
M357610		6.56	0.013	0.28	7.66	14.4	2330	1.63	0.85	2.46	0.11	51.1	8.5	7	15.05	50.2
M357611		2.90	0.016	0.24	7.72	19.3	1940	1.70	1.31	2.11	0.33	55.2	15.5	7	8.63	9.6
M357612		2.56	0.023	0.46	7.92	16.8	1370	1.58	1.40	1.05	0.36	53.7	44.0	8	8.69	6.1
M357613		4.96	0.010	0.23	7.56	10.2	2060	1.67	0.83	2.37	0.16	39.7	7.8	8	9.66	19.2
M357614		0.26	2.36	26.3	5.93	3430	1060	1.30	18.70	2.31	80.1	45.1	10.8	18	13.65	455
M357615		6.73	0.009	0.56	7.19	38.1	2200	2.01	1.36	2.52	0.65	38.5	12.4	8	8.08	12.9
M357616		8.32	0.005	0.15	7.40	10.5	2130	1.63	0.49	2.13	0.21	51.6	4.6	8	9.11	9.4
M357617		6.67	0.014	0.19	7.42	15.2	2040	1.49	1.02	2.29	0.12	45.3	12.0	11	7.77	25.9
M357618		2.89	0.268	14.00	6.41	112.5	780	1.50	14.90	2.12	0.29	64.7	119.5	7	6.99	74.3
M357619		3.53	<0.005	0.10	0.09	<5	40	<0.05	0.14	20.7	0.06	1.67	1.3	<1	0.35	3.8
M357620		2.94	0.006	0.23	7.20	14.1	2490	1.67	0.81	3.01	0.30	45.0	6.8	14	11.20	23.4
M357621		4.11	0.010	0.14	7.60	11.1	2620	1.65	0.81	3.04	0.11	56.3	11.7	10	7.70	14.1
M357622		2.88	0.866	0.32	6.98	51.8	310	1.37	1.27	2.53	0.28	56.1	91.9	8	7.94	30.6
M357623		3.74	0.026	0.11	7.62	4.8	2450	1.71	0.65	2.68	0.09	52.9	7.1	14	7.01	9.2
M357624		2.70	0.037	0.31	7.22	35.3	310	1.37	3.59	2.47	0.12	51.5	59.2	8	7.81	17.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12213661

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357598		3.30	16.90	0.13	1.1	0.084	2.42	19.8	18.3	0.89	536	1.76	2.25	8.1	6.2	680
M357599		2.98	16.80	0.13	1.3	0.084	2.43	23.8	24.8	0.85	523	13.05	2.08	8.2	3.7	680
M357600		3.27	16.05	0.15	1.2	0.049	2.50	22.2	33.6	0.78	491	1.35	1.88	7.9	3.0	610
M357601		5.24	15.80	0.13	1.1	0.133	2.86	26.7	68.2	0.67	500	1.52	0.30	6.0	2.5	550
M357602		2.96	15.75	0.12	1.1	0.069	2.44	18.0	36.2	0.79	548	1.23	1.56	7.7	3.2	600
M357603		2.98	15.50	0.15	1.1	0.072	2.46	23.1	35.6	0.83	544	1.11	1.57	7.6	2.7	610
M357604		2.96	15.45	0.15	1.2	0.051	2.50	21.0	30.5	0.79	543	0.82	1.50	7.9	2.9	610
M357605		3.84	14.75	0.14	1.2	0.282	2.54	22.2	46.0	0.57	618	1.76	0.09	7.5	3.0	550
M357606		4.22	14.60	0.15	1.1	0.584	2.73	23.8	25.4	0.67	1660	4.07	0.09	6.9	2.8	490
M357607		0.48	0.24	0.08	<0.1	0.007	0.04	0.6	1.2	12.40	213	0.11	0.01	0.1	2.2	170
M357608		2.88	14.90	0.15	1.0	0.088	2.25	24.5	82.1	0.90	817	5.05	0.12	7.2	2.4	570
M357609		3.01	16.45	0.17	1.2	0.082	2.67	22.9	19.4	0.89	470	4.52	1.88	8.0	4.0	600
M357610		2.87	16.85	0.15	1.1	0.075	2.81	25.8	23.4	0.76	396	4.05	1.67	8.1	3.2	610
M357611		2.98	17.25	0.15	1.1	0.077	2.74	29.6	55.6	0.78	365	5.51	0.45	7.7	2.2	620
M357612		3.15	16.15	0.13	1.0	0.089	2.67	30.0	26.1	0.53	273	13.80	0.08	6.4	2.9	600
M357613		2.97	16.05	0.12	1.1	0.048	2.51	19.8	26.2	0.83	431	2.54	1.12	7.6	2.4	620
M357614		6.53	14.25	0.14	0.9	1.655	2.67	22.1	25.9	0.93	1920	12.95	0.04	5.8	16.4	450
M357615		2.69	15.00	0.12	0.9	0.099	2.40	19.6	22.1	0.69	634	3.43	0.88	6.3	2.4	570
M357616		2.62	16.35	0.15	1.2	0.069	2.66	25.2	21.5	0.63	387	2.38	1.49	8.5	2.2	590
M357617		2.81	15.50	0.14	1.0	0.090	2.36	22.2	18.5	0.62	498	2.80	1.29	7.2	2.5	610
M357618		8.57	15.10	0.17	0.8	0.260	2.29	39.2	16.3	0.80	656	34.2	0.70	6.1	6.2	530
M357619		0.49	0.33	0.07	<0.1	<0.005	0.03	0.8	1.2	12.40	210	0.28	0.01	0.3	2.0	170
M357620		2.98	16.50	0.12	1.0	0.105	2.37	22.6	20.2	0.86	579	14.45	1.84	8.0	2.9	610
M357621		3.02	16.50	0.18	1.1	0.082	2.30	29.9	15.3	0.92	451	2.28	2.31	8.3	3.1	660
M357622		6.80	14.95	0.15	0.8	0.099	2.69	31.7	13.5	0.88	458	25.7	1.61	7.0	8.8	610
M357623		2.78	16.60	0.15	1.0	0.058	2.34	27.2	12.0	0.94	461	2.08	2.31	8.1	3.1	620
M357624		5.09	15.85	0.17	0.8	0.116	2.39	27.7	18.2	0.74	596	6.58	1.15	7.3	7.4	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12213661

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357598		69.1	82.1	<0.002	0.22	2.51	11.2	1	2.7	403	0.66	0.05	9.8	0.281	1.17	3.7
M357599		19.1	92.2	<0.002	0.38	2.50	10.2	1	3.0	396	0.66	0.05	10.8	0.271	1.23	3.7
M357600		17.7	93.7	<0.002	0.48	1.95	10.6	1	3.2	348	0.69	<0.05	11.7	0.266	1.29	4.2
M357601		70.8	156.0	0.003	3.03	6.04	10.2	<1	8.5	88.8	0.54	0.30	12.1	0.217	1.68	4.0
M357602		15.9	79.7	<0.002	0.20	2.50	10.1	1	2.8	302	0.68	0.05	9.1	0.256	1.26	3.7
M357603		16.5	97.5	<0.002	0.20	2.43	10.5	<1	2.8	307	0.64	0.08	11.2	0.260	1.32	3.8
M357604		18.5	83.9	<0.002	0.12	3.01	9.6	1	2.2	307	0.69	0.07	11.6	0.265	1.20	4.0
M357605		36.6	108.0	<0.002	1.76	15.00	9.3	1	3.4	98.6	0.67	0.37	11.7	0.222	1.47	4.8
M357606		420	120.0	<0.002	1.88	150.0	8.5	2	3.9	81.9	0.60	0.11	13.3	0.212	1.71	3.9
M357607		2.4	2.2	<0.002	0.01	0.46	0.3	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357608		23.7	92.6	0.002	0.45	8.80	10.3	2	3.5	191.0	0.63	0.10	10.8	0.244	1.33	4.0
M357609		19.0	104.0	0.003	0.19	2.12	10.9	1	3.0	347	0.81	0.05	11.7	0.269	1.19	4.4
M357610		17.9	114.5	<0.002	0.31	9.65	10.5	1	3.7	339	0.64	0.07	12.9	0.255	1.36	4.2
M357611		30.0	107.5	0.003	1.07	4.64	10.6	1	5.5	177.0	0.71	0.34	12.1	0.251	1.60	4.7
M357612		26.7	137.0	<0.002	1.76	8.11	9.2	1	5.6	50.5	0.63	0.29	13.3	0.235	1.93	5.6
M357613		18.1	86.2	<0.002	0.34	3.62	10.0	1	4.5	222	0.70	0.10	11.5	0.261	1.34	3.9
M357614		2900	161.0	0.004	4.83	89.4	8.1	1	8.1	91.6	0.43	0.37	9.5	0.182	2.46	4.9
M357615		29.5	94.5	<0.002	0.92	4.16	9.6	1	5.3	151.0	0.62	0.28	9.8	0.230	1.66	4.1
M357616		20.8	99.6	0.002	0.09	3.55	10.6	2	3.3	298	0.74	<0.05	13.3	0.258	1.26	4.3
M357617		17.0	88.7	0.002	0.50	3.98	9.4	1	3.8	260	0.72	0.28	11.0	0.259	1.38	3.8
M357618		36.4	132.0	0.006	7.86	3.21	9.9	4	8.4	143.5	0.57	10.10	11.3	0.194	1.69	4.6
M357619		1.8	2.7	<0.002	0.01	0.10	0.3	<1	0.2	45.5	<0.05	0.09	0.2	0.005	0.02	0.6
M357620		33.0	85.4	0.002	0.29	2.24	10.6	1	4.6	345	0.64	0.10	10.6	0.265	1.31	3.8
M357621		15.0	85.0	0.003	0.46	1.29	11.0	1	4.0	411	0.70	0.13	13.0	0.283	1.15	4.6
M357622		22.6	109.5	0.003	5.31	1.33	9.4	3	4.8	303	0.59	0.44	10.8	0.242	1.45	4.2
M357623		14.8	98.9	<0.002	0.08	1.32	11.1	2	3.5	452	0.66	<0.05	12.5	0.267	1.06	4.6
M357624		57.9	97.7	<0.002	3.12	4.06	10.7	4	4.2	250	0.59	1.55	11.2	0.252	1.33	9.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12213661

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357598		79	2.0	16.2	79	28.2	<1
M357599		73	9.2	15.9	37	37.8	<1
M357600		73	1.5	16.0	39	29.0	<1
M357601		66	3.5	13.7	397	25.9	2
M357602		71	1.3	13.9	39	27.7	<1
M357603		71	1.4	15.1	38	26.5	<1
M357604		71	1.0	14.5	38	32.7	<1
M357605		61	3.6	15.0	51	29.8	6
M357606		57	4.6	13.5	578	25.0	19
M357607		3	0.1	0.8	14	<0.5	<1
M357608		70	9.9	16.0	52	22.0	<1
M357609		74	9.6	15.1	36	27.6	<1
M357610		70	4.8	15.3	34	26.1	<1
M357611		72	1.6	17.3	56	26.9	<1
M357612		77	3.4	14.0	57	22.4	<1
M357613		74	1.9	13.4	42	24.5	<1
M357614		58	5.0	10.2	5500	25.1	25
M357615		71	2.0	10.9	63	23.3	<1
M357616		69	2.5	17.2	34	26.4	<1
M357617		70	2.8	13.4	39	22.1	<1
M357618		63	7.1	13.3	52	20.2	15
M357619		2	0.1	1.0	15	0.6	<1
M357620		74	8.8	15.9	60	23.1	<1
M357621		79	1.1	16.9	34	24.4	<1
M357622		67	1.7	16.6	45	18.7	1
M357623		73	0.8	18.6	29	23.6	<1
M357624		78	2.2	19.8	38	20.4	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza-125

CERTIFICATE OF ANALYSIS WH12213661

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213662

Project: Klaza - 126

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

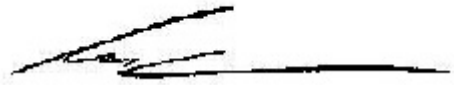
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213662

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359663		3.42	0.021	0.26	7.78	18.8	3130	1.60	0.70	1.25	0.72	43.2	4.4	7	12.45	33.9
M359664		5.21	0.033	0.19	8.02	10.2	2940	1.66	0.61	1.81	1.73	56.1	7.2	9	11.95	49.0
M359665		3.75	0.019	0.43	8.13	20.4	1680	1.41	2.54	0.53	4.37	55.1	11.9	7	12.95	109.0
M359666		0.26	2.15	25.0	6.18	3360	1000	1.31	19.20	2.22	77.6	43.7	10.7	19	13.70	444
M359667		5.33	0.037	0.66	7.40	34.0	430	1.48	2.22	1.55	0.83	43.5	9.6	7	14.20	31.3
M359668		2.79	0.069	1.05	6.82	72.5	240	1.31	7.10	1.55	1.41	35.2	19.7	7	13.95	122.0
M359669		1.67	0.043	0.57	7.10	30.9	300	1.29	2.97	1.51	0.66	43.4	23.2	6	11.30	52.3
M359670		3.73	0.093	0.62	7.11	42.3	330	1.51	5.56	2.23	0.71	45.8	7.5	7	17.00	86.0
M359671		2.37	0.120	1.00	7.12	29.8	1040	1.51	27.8	2.36	0.47	43.5	5.8	8	14.20	295
M359672		<0.02	0.116	0.63	7.24	28.6	990	1.46	22.8	2.40	0.46	44.8	5.8	11	14.10	290
M359673		4.15	0.324	0.49	7.51	27.0	2090	1.60	7.49	2.26	0.39	52.2	6.7	8	13.90	137.0
M359674		3.17	0.036	0.93	7.17	23.7	350	1.50	3.99	2.65	1.33	44.8	7.2	8	18.20	133.0
M359675		3.22	0.054	0.35	7.32	14.7	910	1.48	1.99	2.89	0.54	44.1	5.5	9	16.25	93.7
M359676		4.07	0.031	0.54	7.88	29.3	300	1.48	2.67	1.32	2.99	49.3	11.8	7	11.15	89.0
M359677		2.43	0.066	0.43	7.38	45.9	220	1.38	2.88	2.21	0.69	41.7	11.1	8	14.25	105.5
M359678		2.78	0.028	0.28	7.55	12.7	370	1.49	1.59	2.10	1.88	43.2	8.3	10	13.00	60.8
M359679		3.16	0.019	0.22	7.41	22.6	2270	1.56	0.60	2.51	2.23	40.1	7.1	8	16.30	45.3
M359680		2.56	0.024	0.25	7.64	11.3	2140	1.55	0.56	2.36	0.89	46.4	7.5	9	11.55	42.6
M359681		1.38	0.021	0.23	7.69	10.4	2110	1.50	0.51	2.44	0.76	44.5	7.0	8	11.95	45.6
M359682		3.00	0.025	0.30	7.75	16.9	830	1.49	0.70	1.90	2.16	46.6	6.0	8	10.90	102.5
M359683		2.21	0.063	0.46	7.08	63.0	490	1.23	0.80	2.63	1.33	41.8	5.3	7	20.0	63.1
M359684		6.22	0.016	0.25	7.55	13.0	2270	1.72	0.43	2.55	0.59	46.1	7.9	8	14.45	46.1
M359685		0.26	2.31	24.6	6.10	3330	860	1.32	19.05	2.22	75.4	43.0	10.5	19	13.45	445
M359686		3.24	0.033	0.26	6.99	23.1	1810	1.41	0.67	3.10	0.46	39.3	8.2	7	21.7	32.6
M359687		2.25	0.041	0.31	7.23	30.7	3130	1.56	0.62	2.64	0.33	41.7	7.4	8	18.20	77.0
M359688		3.07	0.065	0.51	7.41	30.4	670	1.23	1.02	2.40	0.85	43.3	8.8	7	17.60	90.0
M359689		2.81	<0.005	0.01	0.07	<5	20	<0.05	0.02	21.1	0.06	1.04	1.7	<1	0.17	2.0
M359690		2.60	0.171	0.64	7.30	58.8	510	1.34	1.31	2.51	0.44	45.1	6.2	7	17.50	25.2
M359691		4.99	0.245	1.04	6.88	64.6	600	1.30	2.72	1.83	3.24	44.5	8.7	5	15.35	73.6
M359692		4.52	0.122	0.97	6.93	43.2	990	1.25	2.55	2.17	3.30	38.6	6.6	6	12.70	51.0
M359693		3.59	0.037	0.36	7.71	41.3	680	1.44	1.15	2.17	0.31	44.4	5.0	6	18.65	100.0
M359694		4.97	0.078	0.94	7.74	90.0	740	1.62	1.78	2.79	1.15	35.6	5.6	6	18.35	120.5
M359695		2.92	0.799	12.95	6.21	534	690	1.20	15.65	3.29	42.8	36.4	7.0	5	12.75	1005
M359696		3.90	<0.005	0.02	0.07	<5	30	<0.05	0.04	21.3	0.10	1.25	1.7	<1	0.19	3.1
M359697		2.52	0.073	0.61	7.35	30.9	1110	1.51	1.98	2.40	0.63	52.8	6.1	6	18.00	29.8
M359698		3.77	0.134	1.85	7.45	126.5	740	1.52	3.22	1.94	1.62	42.7	4.4	7	15.65	177.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213662

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359663		2.42	18.05	0.25	1.1	0.043	2.78	22.8	14.6	0.50	152	6.46	1.40	6.3	2.2	530
M359664		2.74	17.95	0.11	1.1	0.051	2.76	32.3	17.6	0.74	235	0.90	2.08	7.0	2.9	580
M359665		3.24	18.75	0.10	1.2	0.043	3.03	29.3	35.5	0.37	535	1.48	0.15	7.7	2.9	650
M359666		6.79	14.85	0.12	0.9	1.650	2.70	24.2	22.1	0.91	1900	13.00	0.04	5.9	15.6	450
M359667		2.98	17.30	0.12	0.9	0.087	3.20	21.5	12.2	0.89	362	3.01	0.06	4.3	2.5	580
M359668		4.33	19.05	0.13	0.7	0.140	3.23	16.3	8.7	0.92	311	0.80	0.05	4.0	2.9	500
M359669		4.97	16.20	0.15	0.9	0.071	2.90	20.7	14.9	0.76	217	0.40	0.06	4.3	3.3	540
M359670		3.41	18.20	0.12	0.8	0.115	3.06	23.1	20.5	0.84	298	0.66	0.05	4.8	2.2	570
M359671		3.11	16.90	0.11	0.9	0.139	3.04	21.7	10.3	0.61	273	1.66	1.57	6.1	2.0	570
M359672		3.16	16.95	0.11	0.9	0.138	3.08	22.4	10.4	0.62	276	1.41	1.60	6.2	2.3	580
M359673		3.10	16.95	0.12	1.0	0.142	3.06	27.6	14.6	0.72	241	1.04	1.93	6.2	2.2	580
M359674		3.93	16.75	0.13	0.9	0.156	3.21	22.7	23.9	0.80	365	1.81	0.59	6.4	2.2	570
M359675		3.16	17.30	0.13	1.0	0.067	3.06	22.6	9.6	0.68	304	1.57	1.57	6.8	2.5	590
M359676		4.10	15.90	0.14	0.8	0.136	3.77	23.6	8.9	0.79	318	0.81	0.17	3.8	3.0	590
M359677		3.73	15.10	0.14	0.9	0.071	3.43	19.8	22.1	0.71	197	2.05	0.57	4.9	2.4	560
M359678		3.49	15.95	0.13	0.9	0.054	3.06	21.1	14.5	0.68	310	1.08	1.64	6.0	2.9	620
M359679		3.52	16.60	0.13	1.0	0.044	2.93	20.5	17.0	0.74	541	1.13	1.64	7.6	2.8	590
M359680		3.10	16.55	0.13	1.0	0.056	2.84	24.7	14.5	0.78	339	1.38	2.17	7.5	2.5	590
M359681		3.08	16.90	0.12	1.1	0.055	2.83	23.7	14.6	0.80	334	2.10	2.19	7.7	2.6	600
M359682		3.25	16.20	0.13	1.0	0.045	3.10	24.3	11.3	0.70	326	0.95	2.16	6.5	2.3	580
M359683		3.40	15.10	0.14	0.9	0.048	3.05	20.4	18.5	0.96	319	1.61	0.27	6.0	2.5	560
M359684		3.31	17.50	0.12	1.1	0.043	2.92	23.5	20.8	0.79	335	2.08	2.10	8.1	2.7	590
M359685		6.70	14.45	0.15	0.9	1.625	2.69	23.6	23.5	0.90	1880	13.20	0.04	5.8	15.8	440
M359686		3.15	16.30	0.12	1.0	0.053	2.80	19.9	33.4	0.97	362	1.45	1.33	7.1	2.6	570
M359687		2.95	16.75	0.11	1.0	0.038	2.89	21.0	26.8	0.75	290	1.59	1.34	7.0	2.6	600
M359688		3.80	16.30	0.13	1.1	0.038	2.97	22.1	20.6	0.84	473	1.54	0.09	6.8	2.5	610
M359689		0.52	0.51	0.05	<0.1	<0.005	0.03	0.5	0.8	12.70	222	0.58	0.01	0.3	3.3	170
M359690		3.78	15.95	0.13	1.0	0.045	3.01	23.8	18.3	0.98	780	1.33	0.07	5.4	2.7	550
M359691		4.73	16.45	0.13	0.8	0.135	2.91	23.6	11.6	0.86	422	2.12	0.05	4.1	2.8	500
M359692		4.42	15.00	0.15	0.9	0.131	3.17	17.9	14.6	1.04	626	1.16	0.04	3.5	2.4	510
M359693		2.95	17.60	0.13	1.0	0.072	2.89	23.1	25.5	0.77	297	3.20	0.05	6.6	2.5	580
M359694		3.35	16.85	0.13	0.9	0.132	3.28	17.4	9.8	1.16	612	0.85	0.04	6.3	2.0	580
M359695		8.13	15.45	0.17	0.7	2.78	2.78	18.6	6.2	1.39	2500	1.01	0.04	4.7	2.0	460
M359696		0.51	0.49	<0.05	<0.1	0.006	0.03	0.6	0.9	12.75	218	0.10	<0.01	0.3	3.2	390
M359697		4.15	15.55	0.14	0.9	0.080	3.09	26.1	8.5	1.04	432	3.19	0.05	4.1	2.0	540
M359698		3.81	16.75	0.13	0.8	0.172	3.33	22.0	9.2	0.93	752	1.88	0.04	3.8	2.1	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213662

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359663		14.4	128.0	0.004	0.45	2.90	11.0	2	5.7	267	0.50	0.11	13.2	0.211	1.47	2.4
M359664		16.7	109.0	<0.002	0.74	2.09	11.3	2	2.8	323	0.60	0.10	14.2	0.231	1.26	3.6
M359665		18.4	117.5	<0.002	0.65	7.26	11.9	2	4.5	63.8	0.67	0.16	13.6	0.252	1.50	3.4
M359666		2940	167.0	<0.002	4.79	85.8	8.6	2	7.5	91.3	0.45	0.41	11.7	0.179	2.22	5.8
M359667		30.1	156.5	0.004	2.60	7.02	12.0	2	6.0	40.0	0.36	0.27	12.8	0.162	2.32	3.5
M359668		38.9	171.5	<0.002	4.05	10.85	11.9	2	9.1	33.1	0.33	0.78	11.8	0.141	2.70	2.7
M359669		24.3	140.5	<0.002	4.89	8.32	11.3	4	6.9	48.7	0.35	0.47	12.6	0.153	1.99	2.8
M359670		24.8	144.5	<0.002	2.84	8.17	11.5	2	5.0	81.6	0.37	0.76	10.6	0.177	2.22	4.0
M359671		23.0	126.5	<0.002	1.38	2.37	10.8	2	3.5	454	0.47	1.46	10.1	0.214	1.68	3.5
M359672		22.3	126.5	<0.002	1.40	2.30	10.8	2	3.5	455	0.46	0.81	10.3	0.216	1.70	3.7
M359673		25.2	120.0	<0.002	1.34	1.95	10.5	2	3.3	869	0.49	0.38	11.7	0.209	1.67	3.8
M359674		35.5	118.0	<0.002	2.56	1.86	10.6	4	4.0	183.0	0.51	0.49	10.6	0.213	1.95	4.0
M359675		24.5	102.5	<0.002	1.63	1.54	10.4	2	3.3	447	0.54	0.24	10.8	0.228	1.61	3.5
M359676		26.6	191.5	<0.002	3.57	2.68	11.1	4	6.5	71.5	0.31	0.39	13.5	0.145	2.34	3.5
M359677		28.8	135.5	0.002	3.38	3.32	10.4	6	4.1	218	0.39	0.35	12.1	0.174	1.95	3.6
M359678		24.7	114.0	<0.002	2.43	1.07	10.9	3	3.2	385	0.45	0.27	11.8	0.210	1.64	3.2
M359679		19.4	99.5	<0.002	1.16	1.75	10.6	2	2.2	318	0.61	0.09	11.7	0.241	1.61	3.0
M359680		22.6	97.8	<0.002	0.67	1.22	10.6	2	2.0	346	0.60	0.15	12.7	0.247	1.33	3.2
M359681		23.0	96.5	<0.002	0.56	1.32	10.7	2	1.9	353	0.62	0.15	12.5	0.250	1.32	3.3
M359682		20.3	118.0	<0.002	1.76	1.20	10.4	2	2.8	325	0.52	0.19	12.5	0.215	1.50	3.3
M359683		26.5	117.5	<0.002	2.04	13.35	9.8	2	2.3	146.5	0.48	0.18	12.2	0.203	1.92	3.7
M359684		22.6	99.0	<0.002	0.63	2.22	10.6	1	2.0	357	0.69	0.10	12.4	0.247	1.32	3.7
M359685		2900	165.5	<0.002	4.72	84.3	8.4	2	7.4	90.2	0.45	0.39	11.4	0.178	2.25	5.8
M359686		21.6	98.2	<0.002	0.98	1.85	9.7	2	2.3	281	0.58	0.17	10.6	0.234	1.61	3.6
M359687		23.1	110.0	<0.002	0.93	2.78	10.2	2	2.1	351	0.52	0.13	11.1	0.231	1.70	3.7
M359688		25.1	106.0	<0.002	2.01	9.77	10.8	3	3.4	97.4	0.54	0.24	11.7	0.231	1.82	4.7
M359689		1.2	1.3	<0.002	0.01	<0.05	0.4	2	<0.2	39.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M359690		39.4	144.0	<0.002	2.49	3.68	10.2	2	4.0	90.8	0.45	0.31	13.8	0.190	2.25	5.0
M359691		92.0	158.5	0.002	4.17	8.47	10.2	2	7.9	78.0	0.32	0.57	12.9	0.146	2.10	3.4
M359692		91.1	161.0	<0.002	3.95	9.25	9.6	2	7.0	62.1	0.33	0.57	12.5	0.130	2.29	3.1
M359693		17.4	111.0	<0.002	1.86	13.50	10.5	2	4.2	87.9	0.58	0.19	13.2	0.218	1.89	3.4
M359694		53.4	162.0	<0.002	2.32	11.30	10.3	2	5.2	70.6	0.52	0.37	13.8	0.212	2.60	4.3
M359695		350	142.0	<0.002	7.92	42.9	8.3	3	11.1	67.2	0.40	0.95	11.5	0.164	2.26	3.6
M359696		1.7	1.5	<0.002	0.02	0.12	0.4	2	<0.2	47.0	<0.05	<0.05	0.2	<0.005	<0.02	0.8
M359697		46.6	151.5	0.003	3.48	5.38	10.7	2	4.2	83.7	0.33	0.49	12.9	0.158	2.31	3.6
M359698		55.8	190.5	0.002	3.20	13.25	9.9	2	6.0	61.7	0.32	0.47	12.8	0.146	2.82	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213662

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359663		68	2.3	12.1	68	26.5	<1
M359664		70	1.4	14.6	92	27.5	<1
M359665		72	3.2	16.8	445	28.7	1
M359666		57	4.9	10.0	5510	26.1	25
M359667		67	3.6	11.9	81	21.9	1
M359668		70	5.1	12.0	103	18.5	1
M359669		65	3.5	12.2	59	21.1	1
M359670		67	4.7	13.4	77	21.2	1
M359671		68	2.5	12.3	84	22.7	1
M359672		68	2.6	12.4	83	22.1	1
M359673		65	1.3	12.9	64	24.3	1
M359674		67	1.8	13.5	121	23.4	1
M359675		68	1.5	12.3	79	24.9	1
M359676		69	3.0	13.9	210	20.9	<1
M359677		67	2.3	12.7	72	23.9	<1
M359678		69	1.6	13.7	164	23.9	1
M359679		68	1.3	12.8	229	26.5	<1
M359680		68	1.0	13.2	109	25.5	<1
M359681		68	1.1	13.3	94	26.0	1
M359682		66	1.5	12.8	194	25.3	1
M359683		62	2.1	12.0	93	24.0	1
M359684		70	1.2	13.7	91	27.9	<1
M359685		57	5.0	9.8	5540	25.4	25
M359686		65	2.9	11.9	73	26.2	1
M359687		67	1.9	11.6	63	26.8	<1
M359688		70	3.7	12.3	125	27.2	<1
M359689		1	0.1	0.7	15	<0.5	<1
M359690		64	2.9	13.0	77	25.4	1
M359691		60	3.7	11.4	263	20.6	1
M359692		59	4.2	11.5	304	20.9	1
M359693		66	2.5	13.0	72	25.6	1
M359694		64	3.8	13.2	131	22.0	1
M359695		54	6.0	10.8	3440	18.5	14
M359696		2	0.1	0.9	18	0.8	<1
M359697		63	3.1	13.5	95	20.9	1
M359698		59	3.7	11.6	170	19.2	2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213662

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213663

Project: Klaza - 126

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

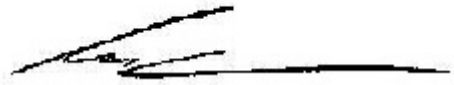
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213663

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359735		3.86	0.032	0.80	7.52	23.0	1380	1.48	0.71	1.59	1.65	47.7	12.0	14	8.91	114.5
M359736		2.77	0.026	0.52	7.42	9.9	2460	1.63	0.65	2.64	0.52	43.8	6.9	14	11.20	66.2
M359737		3.35	0.033	0.46	7.40	11.4	2330	1.48	0.47	2.22	0.64	42.2	9.0	16	10.45	73.4
M359738		0.26	2.25	24.9	6.00	3490	1680	1.43	16.90	2.23	76.8	39.0	10.0	20	12.65	445
M359739		5.11	0.033	0.68	7.12	7.6	2430	1.72	0.44	2.65	0.35	36.8	7.5	13	12.55	67.9
M359740		2.62	0.020	0.42	6.82	13.3	2220	1.53	0.43	2.48	3.17	40.4	8.3	13	13.05	52.8
M359741		2.15	0.047	0.51	7.18	30.6	510	1.48	1.11	1.75	0.63	30.3	17.0	12	13.05	18.5
M359742		2.45	0.042	0.27	7.52	12.0	1730	1.62	0.54	1.94	0.33	41.7	8.5	16	15.00	24.3
M359743		2.55	0.086	0.82	6.82	60.5	670	1.65	2.01	1.05	1.42	23.0	14.1	12	13.90	89.5
M359744		3.99	<0.005	0.06	0.08	<5	260	0.07	0.03	19.85	0.07	1.24	0.5	<1	0.19	3.7
M359745		4.78	0.088	0.73	6.97	57.4	420	1.39	1.88	2.29	0.70	36.4	8.5	10	12.10	46.9
M359746		4.87	0.037	0.33	7.57	9.7	2420	1.66	0.40	2.65	0.38	51.6	7.9	18	9.89	67.9
M359747		3.28	0.014	0.28	7.46	5.9	2030	1.64	0.46	2.65	0.21	43.1	7.2	14	10.80	29.7
M359748		2.09	0.016	0.25	7.54	13.9	1700	1.32	0.26	1.87	0.31	46.5	6.1	14	17.90	40.8
M359749		5.37	0.010	0.29	7.34	8.8	2300	1.50	0.34	2.13	0.49	46.6	8.0	11	14.25	52.5
M359750		<0.02	0.010	0.31	7.17	8.5	2230	1.59	0.27	2.09	0.48	43.5	8.1	11	14.00	49.5
M359751		2.04	0.016	0.32	7.22	20.1	1140	1.43	0.33	1.68	0.55	44.3	11.3	13	20.1	41.7
M359752		4.03	0.007	0.23	7.37	4.1	2360	1.77	0.19	2.48	0.39	43.7	7.9	11	8.74	34.2
M359753		3.37	0.019	0.36	7.39	6.5	2170	1.86	0.32	2.20	0.59	50.2	6.2	17	8.57	75.1
M359754		0.26	2.28	26.5	5.71	3310	790	1.44	16.70	2.10	79.2	40.9	11.0	143	13.40	433
M359755		3.34	0.009	0.70	7.40	7.4	2610	1.51	0.49	2.23	0.67	48.7	7.1	13	8.92	44.0
M359756		3.26	0.007	0.45	7.64	5.4	2760	1.73	0.49	2.48	0.51	46.5	7.1	15	8.33	42.3
M359757		2.57	0.032	1.01	7.43	21.4	1030	1.66	0.74	2.37	0.60	55.3	7.0	11	9.61	26.4
M359758		2.33	0.005	0.35	7.25	3.9	2390	1.68	0.31	2.57	0.39	46.0	8.3	13	9.26	27.4
M359759		2.93	0.008	0.37	7.39	9.2	570	1.39	0.65	2.40	0.25	55.7	9.1	11	18.15	24.8
M359760		2.32	0.087	0.55	7.11	25.8	620	1.47	1.46	2.45	0.71	41.7	7.3	15	12.75	35.4
M359761		2.78	0.027	0.38	6.91	12.8	320	1.44	0.74	2.10	0.42	41.5	36.0	13	15.70	36.5
M359762		2.93	0.022	0.65	7.36	17.3	490	1.54	1.82	1.85	0.74	47.5	15.6	17	16.50	43.4
M359763		3.49	<0.005	0.08	0.10	6	30	0.11	0.05	21.1	0.10	1.27	0.7	<1	0.27	2.6
M359764		5.51	0.024	1.09	7.20	39.7	920	1.34	5.55	2.51	0.60	43.9	13.1	14	15.40	75.1
M359765		4.99	0.025	0.72	6.78	15.0	630	1.39	2.26	1.54	0.59	36.9	78.2	12	12.65	26.6
M359766		2.61	0.027	0.58	6.89	14.1	1300	1.28	1.62	1.75	0.26	46.9	15.3	13	12.75	78.9
M359767		2.79	0.013	0.35	7.19	7.5	2210	1.59	0.94	2.38	0.25	49.3	9.1	13	8.34	75.0
M359768		1.18	0.009	0.34	7.29	5.6	2330	1.55	0.71	2.40	0.22	50.3	7.7	17	8.18	81.1
M359769		5.78	0.010	0.65	7.19	4.5	1240	1.57	1.19	2.26	0.25	48.2	7.3	15	10.20	105.5
M359770		3.77	0.013	0.30	7.24	4.8	2250	1.61	0.52	2.57	0.33	41.6	7.2	15	8.51	42.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213663

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359735		3.07	16.25	0.12	1.0	0.078	2.09	25.7	60.8	0.47	601	1.77	0.46	7.5	3.6	620
M359736		3.13	17.05	0.09	0.9	0.066	2.72	22.2	12.7	0.72	471	1.50	2.00	8.1	2.8	610
M359737		3.25	15.40	0.10	0.9	0.090	2.98	22.0	15.1	0.69	469	1.90	1.45	6.9	2.6	550
M359738		6.50	13.50	0.09	0.8	1.550	2.69	21.9	22.8	0.92	1920	11.80	0.04	5.7	14.0	450
M359739		2.96	17.00	0.10	0.9	0.070	2.80	18.0	19.1	0.68	427	1.51	1.75	7.6	2.7	570
M359740		3.05	16.10	0.12	0.9	0.100	2.86	19.7	12.6	0.69	483	3.43	1.41	7.3	2.5	550
M359741		3.75	16.10	0.08	0.8	0.088	3.70	15.9	12.1	0.70	426	3.83	0.44	4.8	2.5	540
M359742		2.82	16.85	0.09	0.9	0.062	3.34	22.1	23.1	0.70	381	2.41	0.68	5.7	2.3	570
M359743		4.57	13.75	0.06	0.9	0.088	3.00	12.6	36.5	0.51	388	4.85	0.06	3.4	3.0	490
M359744		0.44	0.23	0.06	<0.1	0.008	0.03	0.6	1.1	12.25	188	0.12	0.01	0.2	1.3	230
M359745		3.94	15.00	0.10	0.8	0.131	3.43	19.0	13.5	0.84	434	4.08	0.58	4.6	2.6	520
M359746		3.20	17.35	0.08	1.1	0.094	2.92	27.2	12.5	0.82	420	4.18	1.94	8.0	2.6	600
M359747		3.34	15.60	0.07	1.2	0.119	2.92	21.6	12.8	0.79	437	2.38	1.63	7.9	2.6	610
M359748		2.84	17.30	0.10	1.1	0.098	2.50	24.0	39.3	0.51	458	2.48	0.58	8.7	2.4	590
M359749		2.95	17.15	0.10	0.9	0.093	2.79	25.0	17.9	0.65	352	2.09	1.42	8.1	2.6	580
M359750		2.84	17.35	0.09	0.9	0.078	2.72	22.4	17.6	0.63	345	2.25	1.41	7.9	2.4	570
M359751		2.89	17.30	0.09	0.9	0.078	2.39	22.1	51.8	0.44	662	3.05	0.10	8.1	2.8	590
M359752		2.91	17.05	0.10	1.0	0.075	2.70	20.7	12.2	0.79	422	1.84	2.18	8.3	2.7	590
M359753		2.96	17.45	0.10	1.0	0.093	2.82	24.8	14.4	0.80	409	4.11	2.06	8.0	2.7	560
M359754		6.26	14.45	0.11	0.9	1.650	2.56	21.3	24.1	0.87	1840	13.55	0.04	5.8	45.9	430
M359755		3.26	16.35	0.09	0.9	0.061	3.03	24.0	15.9	0.82	411	2.15	1.92	7.6	2.6	590
M359756		3.36	15.95	0.12	0.9	0.069	2.84	23.6	15.6	0.88	436	1.92	1.91	7.7	2.6	610
M359757		3.48	15.65	0.11	0.9	0.097	2.98	29.0	15.7	0.80	401	2.08	1.44	7.4	2.5	560
M359758		2.93	17.30	0.09	0.9	0.076	2.67	24.8	16.4	0.74	429	2.09	1.99	8.1	2.6	560
M359759		4.59	14.55	0.10	0.8	0.169	3.07	28.7	18.5	0.71	520	3.50	0.62	6.9	2.3	540
M359760		3.64	15.25	0.10	0.8	0.109	3.03	20.7	17.1	0.76	454	2.35	1.22	6.6	2.5	580
M359761		4.82	15.20	0.11	0.8	0.139	2.94	20.4	24.4	0.67	492	4.94	0.88	6.3	2.7	540
M359762		4.84	16.05	0.12	0.8	0.146	3.07	24.5	28.7	0.70	578	6.51	0.47	6.7	2.3	540
M359763		0.49	0.24	0.07	<0.1	0.009	0.05	0.6	1.3	13.15	216	0.22	0.01	0.3	2.4	180
M359764		3.65	15.35	0.10	0.9	0.118	3.04	22.0	48.7	0.77	540	2.90	0.27	6.7	2.4	590
M359765		8.04	13.45	0.11	0.7	0.159	3.08	18.9	13.2	0.65	476	8.45	0.11	4.8	2.9	480
M359766		5.80	14.40	0.12	0.8	0.118	3.21	24.8	31.9	0.78	477	4.70	0.62	5.2	2.6	520
M359767		3.10	16.40	0.08	0.9	0.068	2.79	27.2	15.4	0.78	384	2.21	1.82	7.2	2.6	560
M359768		3.10	16.05	0.10	1.0	0.073	2.75	24.8	15.1	0.83	409	2.46	1.87	7.3	2.6	590
M359769		3.63	14.75	0.11	1.1	0.130	2.85	25.5	17.6	0.76	500	7.72	1.21	7.2	2.4	540
M359770		2.95	16.40	0.09	1.0	0.056	2.79	19.7	13.6	0.75	447	1.57	2.10	7.6	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213663

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359735		32.0	86.8	<0.002	0.96	29.8	10.8	2	2.5	156.0	0.58	0.07	13.9	0.228	1.07	6.4
M359736		34.6	83.8	<0.002	0.42	2.50	11.0	1	2.5	385	0.60	0.26	11.2	0.258	1.25	3.2
M359737		43.2	102.5	0.002	0.90	7.59	9.7	1	2.5	286	0.56	0.07	11.3	0.229	1.37	3.7
M359738		2790	143.0	0.002	4.77	88.7	7.9	1	7.3	87.1	0.46	0.34	10.3	0.181	2.30	5.0
M359739		29.6	85.9	<0.002	0.50	1.53	9.9	1	2.6	351	0.58	0.13	10.5	0.242	1.40	3.4
M359740		100.5	97.0	<0.002	0.65	1.91	9.8	1	3.7	299	0.58	0.05	10.9	0.231	1.59	3.7
M359741		37.4	165.5	<0.002	2.87	3.28	10.1	1	5.4	110.5	0.38	0.15	13.0	0.159	2.52	3.8
M359742		22.5	117.5	<0.002	1.52	9.33	10.5	<1	3.3	150.0	0.49	0.13	14.0	0.199	2.11	4.7
M359743		60.1	150.0	<0.002	3.76	13.50	9.2	1	5.5	54.4	0.32	0.38	13.6	0.131	2.27	9.3
M359744		2.0	1.5	<0.002	0.01	0.12	0.2	<1	0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359745		45.4	131.0	<0.002	2.98	6.85	9.4	1	4.4	135.0	0.36	0.29	10.0	0.171	2.05	3.1
M359746		25.2	103.5	<0.002	0.69	2.17	10.4	1	3.3	344	0.63	0.08	13.3	0.243	1.37	4.4
M359747		22.6	101.5	<0.002	1.09	1.17	10.5	1	2.9	304	0.64	<0.05	12.4	0.244	1.42	3.8
M359748		26.3	92.7	<0.002	0.41	22.2	11.3	<1	2.3	160.0	0.70	<0.05	13.9	0.245	1.26	4.9
M359749		32.5	100.5	<0.002	0.55	6.40	11.0	<1	2.6	273	0.64	<0.05	12.4	0.242	1.35	3.9
M359750		30.8	99.6	<0.002	0.52	6.07	10.9	1	2.5	269	0.61	<0.05	11.6	0.235	1.25	3.7
M359751		25.2	89.1	<0.002	0.71	31.9	11.0	1	2.8	95.0	0.63	0.05	12.2	0.245	1.33	5.2
M359752		33.5	92.5	<0.002	0.22	1.35	10.7	1	2.4	381	0.66	<0.05	12.2	0.253	1.21	3.8
M359753		38.9	112.0	<0.002	0.53	1.29	11.0	1	2.8	330	0.64	<0.05	13.7	0.237	1.28	3.8
M359754		2650	154.0	<0.002	4.52	94.0	8.5	1	8.0	87.0	0.46	0.58	9.7	0.170	2.25	4.9
M359755		41.3	113.5	<0.002	1.21	0.88	10.9	1	2.6	325	0.55	<0.05	12.3	0.233	1.39	3.6
M359756		39.7	94.2	<0.002	1.18	0.83	11.2	1	2.8	358	0.60	<0.05	12.9	0.254	1.29	3.9
M359757		51.3	128.5	<0.002	1.58	1.90	11.2	1	3.9	277	0.60	0.05	13.1	0.223	1.48	4.3
M359758		29.6	91.8	<0.002	0.49	0.81	10.8	1	2.6	357	0.65	<0.05	12.6	0.241	1.26	3.8
M359759		25.4	134.5	<0.002	2.52	1.81	11.3	2	4.4	146.5	0.51	0.07	12.6	0.211	1.73	4.1
M359760		41.1	106.0	<0.002	1.76	1.71	11.2	1	3.7	317	0.45	0.09	8.7	0.220	1.41	2.8
M359761		32.4	116.0	<0.002	2.93	1.42	10.5	1	4.6	202	0.46	<0.05	9.5	0.205	1.58	3.7
M359762		61.0	123.5	<0.002	3.12	3.51	10.2	2	5.7	123.5	0.48	0.28	11.4	0.205	1.76	4.5
M359763		2.5	2.1	<0.002	<0.01	0.37	0.3	<1	0.2	41.9	<0.05	<0.05	<0.2	0.006	0.03	0.7
M359764		52.2	101.5	<0.002	2.04	5.77	10.3	2	3.6	108.5	0.48	0.10	10.2	0.224	1.63	3.1
M359765		32.3	124.0	0.002	7.60	2.03	9.3	5	9.0	51.6	0.36	0.25	10.0	0.169	1.74	3.4
M359766		32.4	142.5	<0.002	4.70	1.93	10.2	2	4.3	137.0	0.40	0.19	12.9	0.182	2.06	4.5
M359767		27.2	93.7	<0.002	1.10	0.77	10.5	1	3.0	339	0.53	0.10	13.6	0.227	1.21	3.7
M359768		26.1	92.4	<0.002	0.93	0.72	10.4	1	3.0	347	0.58	0.09	14.0	0.233	1.21	4.0
M359769		24.7	120.5	<0.002	1.62	0.90	11.0	1	3.9	213	0.58	0.24	13.6	0.215	1.44	4.2
M359770		26.0	82.0	<0.002	0.52	0.79	9.9	<1	2.3	366	0.60	0.06	12.0	0.242	1.22	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213663

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359735		65	7.1	14.8	254	25.6	1
M359736		73	1.2	13.1	98	25.2	<1
M359737		67	2.0	12.3	105	22.3	<1
M359738		60	5.1	8.6	5450	24.1	27
M359739		71	1.2	12.1	81	24.7	<1
M359740		67	2.0	11.8	294	22.9	1
M359741		61	4.1	10.3	80	23.0	1
M359742		67	2.1	10.2	85	24.2	1
M359743		58	4.8	9.8	146	22.2	1
M359744		2	0.3	0.8	13	<0.5	<1
M359745		63	7.3	11.6	99	21.5	<1
M359746		71	1.6	13.6	80	28.6	<1
M359747		71	7.3	12.9	71	28.6	<1
M359748		69	7.7	15.0	67	30.2	<1
M359749		69	3.1	14.2	80	24.7	<1
M359750		66	2.9	13.8	77	25.0	<1
M359751		71	4.4	13.3	96	25.3	<1
M359752		73	1.9	14.6	81	26.7	<1
M359753		68	2.7	14.7	100	25.2	<1
M359754		56	5.0	9.4	5370	24.9	26
M359755		67	5.8	13.7	96	25.4	<1
M359756		74	5.7	13.9	106	25.1	<1
M359757		70	10.8	15.0	94	24.7	<1
M359758		69	1.8	14.5	86	23.1	<1
M359759		72	20.8	14.2	69	22.4	<1
M359760		71	12.3	12.7	92	21.8	<1
M359761		67	11.1	12.6	83	21.6	<1
M359762		67	12.0	12.0	109	22.8	<1
M359763		3	0.1	0.8	16	<0.5	<1
M359764		68	8.0	11.6	102	21.3	1
M359765		63	15.5	9.8	73	18.9	<1
M359766		62	9.3	11.5	69	21.1	<1
M359767		66	5.0	12.8	65	22.5	<1
M359768		67	4.2	13.1	67	25.1	<1
M359769		68	11.0	13.9	61	25.5	<1
M359770		69	1.8	12.7	65	24.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 126

CERTIFICATE OF ANALYSIS WH12213663

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213664

Project: Klaza - 125

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

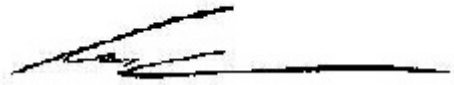
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213664

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357562		8.22	0.047	0.66	6.73	50.1	1100	1.66	0.16	2.79	1.64	48.5	5.2	4	23.3	14.5
M357563		7.95	0.015	0.36	6.48	31.2	1200	1.69	0.09	3.09	0.91	47.9	4.7	4	22.9	6.7
M357564		7.88	0.031	0.83	6.89	44.0	2140	1.76	0.20	3.03	1.41	52.6	5.1	4	22.6	8.5
M357565		2.77	0.011	0.22	6.82	34.7	1310	1.87	0.05	3.34	0.57	50.9	4.8	4	23.8	2.4
M357566		1.20	0.018	0.30	6.70	32.0	1240	1.83	0.06	3.15	0.99	51.2	4.4	4	23.5	4.3
M357567		6.44	<0.005	0.36	6.84	42.5	2120	1.95	0.25	3.43	0.75	59.1	6.8	18	15.35	11.6
M357568		2.90	0.127	1.84	7.21	98.9	1190	1.68	2.09	2.27	6.23	49.7	17.0	6	18.95	96.7
M357569		2.48	0.117	1.16	6.81	94.7	1000	1.51	1.29	2.60	4.31	52.0	10.1	8	17.60	242
M357570		3.14	0.991	8.43	6.55	703	180	1.39	6.51	0.63	5.90	45.0	9.8	9	10.00	241
M357571		0.26	4.44	>100	5.07	6760	1140	1.13	56.4	1.92	216	31.6	9.1	17	10.75	1225
M357572		5.62	<0.005	0.52	6.54	43.6	2160	2.00	0.26	3.36	0.86	54.9	7.2	20	13.50	13.6
M357573		4.01	0.020	0.39	6.44	47.0	1590	1.70	0.23	3.03	0.28	46.8	6.2	14	16.10	13.6
M357574		4.24	2.69	29.9	5.30	886	330	1.10	38.7	1.06	24.0	38.5	21.0	7	7.08	838
M357575		2.50	<0.005	0.09	0.06	<5	20	0.07	0.08	20.2	0.10	1.22	1.0	<1	0.17	3.1
M357576		2.45	1.125	10.65	6.60	613	200	1.51	14.30	0.42	2.56	44.2	7.2	7	5.67	127.0
M357577		3.38	1.465	10.15	6.38	844	230	1.37	13.40	0.43	7.18	41.4	9.5	7	6.10	142.0
M357578		2.49	0.212	3.20	6.85	181.0	310	1.59	6.67	1.96	1.71	42.6	8.5	8	16.70	51.1
M357579		2.66	0.078	1.97	6.78	39.2	1290	1.72	6.15	2.21	1.95	47.9	6.9	8	11.70	78.6
M357580		7.01	0.021	0.35	7.37	22.1	2020	1.55	1.50	2.67	0.60	46.0	8.1	9	9.23	25.8
M357581		<0.02	0.013	0.30	7.30	21.1	2010	1.51	1.47	2.63	0.51	47.2	8.2	11	9.28	22.6
M357582		7.59	0.019	0.21	7.32	17.6	2170	1.38	0.42	1.87	0.33	45.0	8.2	9	14.80	11.4
M357583		2.55	1.555	18.55	7.12	276	660	1.42	22.6	2.14	1.68	47.9	8.2	8	13.45	635
M357584		5.94	0.057	0.43	7.18	25.2	2140	1.37	1.32	2.60	0.14	50.4	20.1	11	12.95	6.8
M357585		8.70	0.022	0.79	7.23	26.0	2140	1.30	1.58	2.68	0.57	51.6	17.2	12	9.06	15.8
M357586		0.26	2.35	25.6	5.71	3060	1230	1.24	18.90	2.20	80.5	42.1	11.4	19	13.95	429
M357587		8.68	0.030	0.29	7.09	25.3	2030	1.41	1.05	2.50	0.30	49.3	11.2	9	11.25	27.2
M357588		5.57	0.021	0.54	7.13	240	2010	1.46	0.66	2.50	0.32	45.4	10.7	7	13.55	14.2
M357589		2.82	0.022	0.87	5.71	62.5	900	1.19	2.31	3.85	0.54	60.5	44.2	5	19.60	26.5
M357590		4.22	0.111	1.37	6.46	380	1750	1.21	2.71	2.97	1.80	34.4	15.2	7	13.35	92.3
M357591		4.40	0.261	0.34	7.38	24.5	1890	1.37	1.83	2.00	0.16	47.6	9.5	7	15.00	41.4
M357592		3.27	5.75	8.05	7.50	152.0	880	1.29	49.5	1.74	0.57	52.2	9.1	7	11.00	514
M357593		7.16	0.019	0.50	7.27	80.8	1900	1.49	1.65	2.27	0.31	43.4	8.9	8	16.65	19.1
M357594		3.20	5.36	75.8	5.93	>10000	770	1.01	104.0	2.32	5.08	39.8	11.2	7	12.05	1260
M357595		3.35	0.006	0.07	0.06	9	20	0.08	0.17	20.5	0.06	1.10	1.0	<1	0.25	3.7
M357596		5.67	0.010	0.29	7.27	22.3	2060	1.62	0.66	2.67	0.27	47.4	8.2	9	10.70	11.7
M357597		2.75	0.027	7.42	6.40	406	1720	1.38	9.52	2.92	3.61	40.4	7.9	7	13.90	279

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357562		2.70	19.05	0.13	2.3	0.043	2.43	22.7	87.5	0.72	907	2.12	0.14	9.5	2.2	840
M357563		2.54	18.85	0.15	2.2	0.041	2.39	22.1	82.7	0.80	833	1.76	0.13	9.6	2.1	820
M357564		2.78	18.70	0.15	2.2	0.041	2.32	24.7	57.6	0.86	901	1.58	0.15	9.3	2.1	840
M357565		3.07	19.05	0.16	2.3	0.034	2.44	23.5	69.5	0.86	819	1.00	0.09	9.7	2.0	860
M357566		2.90	18.50	0.17	2.1	0.034	2.35	24.0	66.7	0.84	789	1.24	0.08	9.2	1.9	810
M357567		2.63	18.90	0.16	4.3	0.036	2.28	27.7	78.8	1.05	680	2.47	0.08	10.7	7.6	1200
M357568		3.00	16.05	0.17	1.3	0.283	3.07	27.1	31.7	0.90	1170	8.33	0.06	7.1	3.7	630
M357569		3.20	16.70	0.10	1.1	0.345	3.14	28.9	16.5	1.03	881	3.21	0.05	7.0	3.7	540
M357570		7.37	19.15	0.11	1.1	0.396	3.11	22.5	8.9	0.44	427	2.85	0.04	5.6	3.3	540
M357571		7.80	12.60	0.08	1.1	4.66	2.21	16.2	29.0	0.62	2980	15.20	0.08	5.6	13.4	440
M357572		2.61	19.50	0.12	4.8	0.033	2.13	27.5	64.3	1.05	611	2.67	0.08	11.0	8.1	1220
M357573		2.29	18.35	0.13	3.6	0.031	2.97	23.7	17.1	0.96	653	1.47	0.05	10.2	5.8	990
M357574		9.45	14.55	0.11	1.0	0.733	2.54	20.2	9.2	0.48	1170	2.91	0.04	4.0	3.2	420
M357575		0.46	0.22	0.12	<0.1	<0.005	0.03	0.6	1.3	12.55	202	0.23	<0.01	0.2	0.5	190
M357576		5.54	18.75	0.10	1.4	0.214	3.37	22.3	9.0	0.42	392	2.21	0.04	6.0	2.7	530
M357577		6.22	18.45	0.10	1.2	0.218	3.18	20.9	7.3	0.40	560	10.80	0.03	6.0	2.7	520
M357578		5.67	17.50	0.07	1.3	0.218	3.05	21.3	8.2	0.80	1440	1.49	0.06	6.3	2.9	590
M357579		3.60	17.00	0.10	1.4	0.193	3.40	24.9	17.5	0.67	702	9.13	0.58	7.7	2.4	500
M357580		3.41	17.90	0.11	1.4	0.115	2.67	23.3	15.5	0.86	538	1.69	1.82	8.2	2.7	620
M357581		3.39	17.95	0.14	1.4	0.115	2.63	24.0	15.3	0.87	531	1.63	1.80	8.3	2.9	620
M357582		2.90	17.95	0.13	1.4	0.073	2.35	22.4	32.9	0.61	563	1.39	0.76	8.6	3.3	630
M357583		4.74	17.10	0.11	1.3	0.327	2.78	25.4	16.9	0.73	802	1.34	0.81	7.5	2.7	580
M357584		3.79	17.40	0.13	1.5	0.066	2.60	26.7	17.0	0.82	549	1.55	1.96	8.3	3.1	600
M357585		3.44	17.75	0.14	1.4	0.093	2.62	27.1	13.3	0.84	537	1.78	2.05	8.4	3.1	610
M357586		6.54	15.15	0.11	1.0	1.745	2.60	22.6	19.8	0.91	1830	13.85	0.04	6.2	16.1	440
M357587		3.11	17.95	0.13	1.5	0.069	2.76	26.1	17.6	0.78	462	3.48	1.82	8.4	2.8	590
M357588		3.42	17.65	0.12	1.4	0.096	2.68	23.2	25.3	0.83	471	3.92	1.19	8.5	2.6	630
M357589		3.72	13.60	0.12	1.2	0.069	2.29	37.8	18.1	1.27	568	10.35	0.05	5.8	2.9	430
M357590		3.13	18.05	0.11	1.1	0.112	2.60	16.5	36.3	0.55	536	1.24	0.08	7.9	2.7	630
M357591		3.72	17.80	0.14	1.3	0.076	2.80	25.2	21.2	0.83	376	1.06	0.65	8.5	2.8	610
M357592		4.95	18.85	0.14	1.3	0.278	2.85	27.9	25.6	0.78	373	2.03	0.11	7.9	3.2	650
M357593		3.35	17.75	0.12	1.2	0.094	2.66	21.5	23.8	0.76	584	4.09	0.72	8.3	2.9	660
M357594		6.50	14.35	0.11	1.1	0.622	2.45	20.8	19.1	0.81	4850	12.20	0.06	6.3	2.3	470
M357595		0.46	0.27	0.16	<0.1	<0.005	0.03	0.5	1.2	12.60	202	0.12	<0.01	0.3	0.8	170
M357596		3.18	18.00	0.14	1.3	0.062	2.63	23.9	16.1	0.84	534	1.36	1.86	8.3	3.1	610
M357597		3.10	17.45	0.13	1.2	0.224	2.51	19.6	29.3	0.59	654	1.44	0.30	8.0	2.5	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357562		114.0	77.5	<0.002	0.18	5.71	4.9	1	1.7	233	0.75	<0.05	7.6	0.292	1.68	3.9
M357563		63.9	71.3	<0.002	0.14	5.74	5.0	1	1.6	218	0.74	<0.05	7.4	0.290	1.71	4.2
M357564		137.5	75.9	<0.002	0.19	7.50	5.1	1	1.4	242	0.74	<0.05	8.2	0.297	1.55	4.3
M357565		34.4	77.7	<0.002	0.15	6.18	5.2	1	1.3	266	0.76	<0.05	7.9	0.292	1.71	4.7
M357566		71.5	80.1	<0.002	0.13	6.30	5.1	1	1.3	235	0.71	<0.05	8.0	0.289	1.64	4.6
M357567		31.0	58.3	<0.002	0.12	14.25	5.9	1	1.5	361	0.78	<0.05	8.5	0.328	1.28	5.7
M357568		79.2	219	<0.002	1.67	11.90	9.8	2	4.8	113.5	0.58	0.12	14.4	0.240	2.86	5.8
M357569		140.0	196.0	<0.002	0.94	17.40	10.2	2	4.0	143.5	0.56	0.13	14.7	0.219	3.04	3.2
M357570		532	206	<0.002	7.32	20.0	9.9	1	12.9	32.6	0.43	0.29	11.7	0.182	2.79	2.6
M357571		9270	135.0	<0.002	6.83	207	7.6	2	8.7	121.5	0.44	0.49	8.8	0.179	2.22	5.4
M357572		34.4	60.2	<0.002	0.12	14.85	6.3	1	1.4	371	0.72	<0.05	8.8	0.332	1.24	6.2
M357573		19.7	122.0	<0.002	0.25	7.28	6.9	1	1.3	215	0.70	<0.05	8.7	0.280	2.88	4.6
M357574		1160	159.0	<0.002	>10.0	47.5	7.9	2	13.1	41.0	0.36	0.93	9.3	0.128	2.25	2.8
M357575		3.4	1.4	<0.002	0.01	0.12	0.2	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357576		395	239	<0.002	5.56	17.75	11.1	2	8.8	13.5	0.55	1.33	13.2	0.185	2.85	3.4
M357577		353	208	<0.002	6.50	19.50	10.3	4	10.5	15.2	0.48	1.25	12.0	0.198	2.81	3.9
M357578		108.5	143.5	<0.002	4.09	5.49	12.1	2	5.0	81.1	0.50	0.71	11.7	0.223	2.78	4.2
M357579		100.5	186.5	<0.002	1.66	7.29	10.1	2	3.2	176.0	0.69	0.89	15.6	0.208	2.54	5.9
M357580		36.6	111.5	<0.002	0.42	1.90	12.6	1	2.9	341	0.63	0.07	13.5	0.272	1.47	4.5
M357581		33.5	115.0	<0.002	0.39	1.90	12.7	1	2.9	339	0.64	0.06	13.4	0.268	1.46	4.4
M357582		23.1	93.3	<0.002	0.18	9.73	12.5	1	2.0	189.5	0.66	0.05	13.7	0.272	1.30	3.9
M357583		329	141.0	<0.002	2.32	78.9	11.9	2	5.4	183.0	0.60	0.20	13.6	0.246	1.80	4.6
M357584		26.4	116.0	<0.002	1.11	1.98	12.5	2	2.1	338	0.65	0.55	14.9	0.259	1.40	4.7
M357585		70.1	114.0	<0.002	0.74	1.87	12.4	2	2.3	349	0.67	0.34	13.9	0.267	1.42	4.6
M357586		2780	167.0	<0.002	4.73	89.7	9.0	2	8.2	94.6	0.48	0.38	11.1	0.180	2.53	5.8
M357587		24.0	109.5	<0.002	0.56	2.73	12.0	2	3.1	333	0.67	0.11	16.4	0.256	1.32	5.3
M357588		93.7	104.0	<0.002	0.46	5.61	12.3	2	2.7	291	0.70	0.07	13.8	0.266	1.46	5.3
M357589		57.6	119.5	<0.002	1.79	10.50	8.9	2	3.4	175.0	0.50	0.23	15.6	0.177	1.70	6.9
M357590		119.5	99.5	<0.002	1.30	12.90	11.3	2	4.0	147.0	0.58	0.21	9.8	0.262	1.75	3.6
M357591		19.2	123.0	<0.002	0.54	5.03	12.1	1	3.7	175.0	0.67	0.08	16.2	0.260	1.48	4.9
M357592		71.2	154.0	<0.002	2.91	17.45	13.2	2	8.7	98.5	0.60	0.59	14.1	0.265	1.96	4.6
M357593		30.4	107.5	<0.002	0.42	6.25	12.5	1	2.7	199.5	0.64	0.08	12.3	0.279	1.65	4.3
M357594		1010	134.0	<0.002	4.54	249	9.3	2	4.7	90.8	0.52	0.55	12.5	0.199	1.88	3.3
M357595		2.1	1.8	<0.002	<0.01	0.28	0.2	1	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M357596		38.0	97.5	<0.002	0.20	2.79	12.5	1	2.2	337	0.68	0.06	14.4	0.265	1.24	5.2
M357597		379	101.5	<0.002	0.98	22.2	11.6	2	2.9	143.5	0.65	0.38	11.3	0.259	1.67	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M357562		45	1.4	10.9	215	62.1	1	
M357563		45	1.4	11.1	152	63.7	1	
M357564		45	1.7	11.4	203	60.8	1	
M357565		45	1.2	11.8	114	64.1	<1	
M357566		43	1.3	11.7	148	60.9	1	
M357567		59	1.5	11.0	116	154.5	1	
M357568		60	3.1	11.3	508	35.3	2	
M357569		66	3.5	13.7	336	27.2	1	
M357570		63	8.9	8.5	449	25.9	9	
M357571		51	4.5	9.0	>10000	32.6	116	1.575
M357572		59	1.4	10.7	116	180.5	1	
M357573		58	3.4	11.6	58	131.5	1	
M357574		51	6.7	6.7	1860	27.3	30	
M357575		2	0.1	0.8	18	0.6	<1	
M357576		62	6.6	7.4	194	36.6	11	
M357577		63	7.4	7.9	519	33.3	10	
M357578		70	5.8	11.9	164	34.2	3	
M357579		58	4.2	13.3	156	36.7	2	
M357580		76	3.0	16.7	73	38.7	1	
M357581		74	2.6	16.9	65	38.0	1	
M357582		71	5.0	15.1	52	39.2	1	
M357583		68	2.5	15.1	176	36.3	18	
M357584		71	1.8	17.2	40	39.2	1	
M357585		73	2.1	17.0	71	37.8	1	
M357586		56	5.2	10.0	5310	26.5	25	
M357587		70	5.2	17.0	52	41.4	<1	
M357588		73	2.9	16.2	53	36.5	<1	
M357589		52	2.4	14.8	60	30.4	<1	
M357590		73	2.5	13.3	140	30.0	1	
M357591		71	3.1	14.7	35	35.2	<1	
M357592		77	4.6	14.9	60	33.8	7	
M357593		76	3.0	14.7	49	32.6	1	
M357594		55	5.7	12.6	453	27.3	78	
M357595		1	0.1	0.8	13	<0.5	<1	
M357596		74	2.0	16.4	50	33.8	<1	
M357597		73	4.2	14.1	281	31.0	7	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2012
Account: ROCKHA

Project: Klaza - 125

CERTIFICATE OF ANALYSIS WH12213664

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213665

Project: Klaza - 127

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

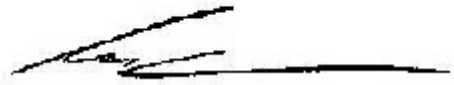
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213665

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357625		3.60	0.025	0.24	7.25	61.4	2150	1.71	0.28	2.28	0.20	48.3	7.0	9	8.78	15.2
M357626		4.42	0.282	9.05	6.74	409	2330	1.66	0.37	1.59	3.76	40.1	7.0	10	24.0	40.6
M357627		7.35	0.022	1.26	6.73	76.8	1880	1.59	0.35	2.10	0.59	44.8	7.6	7	17.95	23.2
M357628		3.43	0.042	0.62	7.54	52.2	2130	1.53	0.75	1.27	0.44	49.9	8.1	8	19.35	38.2
M357629		4.04	0.012	0.39	7.25	35.6	1900	1.65	0.38	1.39	0.38	40.3	8.4	8	27.2	30.2
M357630		5.13	<0.005	0.17	5.97	14.4	1770	1.49	0.15	2.73	0.17	36.6	5.0	27	25.2	16.1
M357631		<0.02	<0.005	0.16	6.02	13.3	1790	1.58	0.16	2.78	0.18	35.8	4.8	27	27.0	14.6
M357632		4.52	<0.005	0.08	6.51	13.8	770	1.68	0.06	3.03	0.06	46.7	5.1	22	38.5	6.8
M357633		7.24	<0.005	0.07	6.75	10.9	1170	1.78	0.05	2.97	0.06	51.4	4.9	18	37.4	6.6
M357634		5.89	<0.005	0.09	6.51	16.5	2530	1.63	0.10	3.38	0.10	50.0	6.6	25	36.4	13.4
M357635		2.52	<0.005	0.30	6.95	10.5	1840	1.85	0.25	2.11	0.20	41.3	6.1	7	39.6	22.4
M357636		1.81	0.119	1.07	6.57	91.5	5160	1.61	0.42	2.08	1.10	40.0	9.8	6	31.6	24.4
M357637		4.01	<0.005	0.42	7.30	12.3	1990	1.79	0.29	2.06	0.59	46.1	7.5	7	32.9	18.4
M357638		0.26	0.774	9.08	6.51	1660	840	1.39	5.84	1.82	38.9	43.9	15.2	18	15.25	104.5
M357639		5.64	<0.005	0.17	6.77	11.3	2110	1.34	0.29	2.50	0.15	42.4	6.2	6	25.6	9.6
M357640		2.67	<0.005	0.30	6.71	29.3	1690	1.81	1.22	2.09	0.19	41.5	6.9	7	33.3	10.1
M357641		4.89	<0.005	0.12	6.78	33.5	1480	1.81	0.17	2.91	0.34	52.1	5.9	12	26.0	5.3
M357642		4.53	<0.005	0.12	6.80	40.3	1190	1.75	0.11	2.94	0.56	60.2	6.0	13	23.4	9.9
M357643		4.77	<0.005	0.13	6.54	25.9	1910	1.65	0.17	2.35	0.45	43.7	7.2	6	24.8	6.1
M357644		0.26	4.55	>100	5.30	7780	280	1.09	58.6	1.89	215	33.8	9.0	17	12.20	1190
M357645		2.74	0.071	1.16	7.76	90.8	1350	1.73	0.31	1.43	0.90	58.9	6.2	11	22.5	18.4
M357646		3.97	0.043	0.69	7.11	158.5	1470	1.78	0.36	1.12	5.95	49.0	5.0	6	23.6	10.1
M357647		2.78	1.720	94.8	4.78	4400	270	1.33	0.31	1.83	107.0	32.9	5.6	5	16.70	92.1
M357648		2.83	<0.005	0.11	0.10	<5	30	0.08	0.02	20.5	0.19	1.45	1.3	<1	0.65	1.9
M357649		4.02	0.040	7.91	6.88	169.5	3300	1.68	0.38	2.13	2.20	47.8	7.2	5	26.8	38.9
M357650		4.08	<0.005	0.26	6.94	22.9	1970	1.49	0.44	2.66	0.15	44.1	6.9	8	17.05	14.6
M357651		2.12	0.012	0.77	7.08	26.4	1980	1.45	0.39	2.68	0.23	44.2	6.7	8	20.0	14.2
M357652		7.58	<0.005	0.15	7.12	10.8	2170	1.41	0.28	2.46	0.14	46.2	6.5	10	11.35	14.2
M357653		7.06	<0.005	0.15	7.14	10.8	2100	1.47	0.33	2.44	0.15	46.2	7.2	9	10.80	14.4
M357654		8.24	<0.005	0.15	7.16	9.9	2050	1.32	0.27	2.23	0.17	47.8	6.5	9	11.05	13.4
M357655		5.29	<0.005	0.23	6.87	15.6	1790	1.36	0.36	2.39	0.20	44.5	5.8	8	17.90	14.1
M357656		3.19	<0.005	0.15	6.65	19.2	1490	1.31	0.21	2.34	0.16	47.8	6.3	6	18.40	15.4
M357657		3.18	<0.005	0.47	6.53	40.0	1860	1.28	0.31	2.92	0.27	44.0	5.5	6	14.40	20.5
M357658		3.52	<0.005	0.01	0.06	<5	20	0.06	0.02	20.0	0.08	1.26	1.1	<1	0.21	1.8
M357659		3.53	<0.005	0.36	7.07	11.3	2010	1.57	0.31	2.18	0.46	48.1	6.5	8	12.25	23.5
M357660		7.39	<0.005	0.29	7.31	19.9	1990	1.52	0.58	1.97	0.36	49.8	6.8	7	10.75	13.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357625		2.85	16.10	0.10	1.4	0.044	2.67	24.0	14.3	0.68	670	0.96	2.21	8.2	2.7	590
M357626		2.77	16.15	0.14	1.1	0.060	3.10	18.6	36.0	0.20	1850	4.64	0.25	7.5	2.8	550
M357627		2.74	15.70	0.15	1.3	0.046	2.74	20.0	24.3	0.33	1200	1.94	1.12	7.8	2.8	560
M357628		2.88	17.00	0.18	1.4	0.047	2.94	22.7	35.1	0.38	941	1.47	0.86	8.5	3.5	600
M357629		2.62	16.15	0.16	1.4	0.050	3.27	18.1	25.0	0.34	894	2.23	0.83	8.1	5.3	590
M357630		1.87	18.60	0.16	3.8	0.024	2.89	16.8	83.3	0.35	515	1.05	0.22	8.7	18.2	610
M357631		1.93	17.60	0.15	4.1	0.027	2.96	16.4	92.3	0.36	516	1.06	0.23	8.8	18.2	630
M357632		2.06	18.50	0.16	3.2	0.028	2.74	21.0	68.5	0.86	435	1.07	0.80	8.6	15.9	710
M357633		2.08	17.65	0.17	2.6	0.025	2.79	23.9	73.1	0.81	453	1.09	1.24	8.4	10.9	750
M357634		1.90	18.50	0.18	3.8	0.022	2.59	24.1	71.5	0.57	529	1.16	0.43	9.3	18.9	640
M357635		2.62	16.60	0.15	1.2	0.062	3.35	19.9	27.2	0.37	981	1.47	1.46	7.9	4.0	560
M357636		2.71	15.75	0.16	1.3	0.069	3.57	18.0	22.4	0.34	2650	4.45	0.52	8.3	3.8	530
M357637		2.78	16.70	0.17	1.3	0.045	2.94	21.6	27.0	0.39	606	1.13	1.62	8.7	2.8	600
M357638		4.98	14.15	0.17	1.3	0.804	2.74	21.7	21.0	0.68	1870	11.85	0.26	7.2	15.1	490
M357639		2.63	15.05	0.16	1.2	0.040	2.75	20.9	23.4	0.52	724	1.01	1.34	7.3	2.4	550
M357640		2.52	16.50	0.16	1.4	0.048	2.93	18.3	56.2	0.41	931	1.11	0.49	8.1	2.6	590
M357641		2.45	16.95	0.19	2.9	0.035	2.66	24.7	66.2	0.77	628	1.12	1.16	9.6	5.2	810
M357642		2.25	19.55	0.16	4.2	0.028	2.53	28.5	53.7	0.66	442	1.17	1.53	11.0	5.6	1030
M357643		2.58	16.20	0.19	1.3	0.052	2.65	19.9	26.4	0.56	713	1.21	1.79	8.3	2.9	590
M357644		7.64	13.95	0.25	1.0	4.62	2.20	16.8	31.5	0.61	2890	15.70	0.08	5.9	14.7	440
M357645		2.53	18.45	0.14	2.9	0.047	2.50	26.9	54.3	0.44	1520	1.38	0.43	9.7	3.8	920
M357646		2.53	16.90	0.18	1.2	0.104	3.67	22.4	16.0	0.41	2990	3.54	0.06	8.1	3.0	570
M357647		3.68	11.90	0.15	0.8	0.142	1.88	14.9	30.9	0.62	5800	12.15	0.02	5.0	1.9	320
M357648		0.47	0.50	0.16	<0.1	0.006	0.05	0.7	1.7	13.00	213	0.14	0.01	0.5	3.3	180
M357649		2.81	15.30	0.18	1.0	0.060	2.94	22.7	21.5	0.84	2690	3.81	0.02	7.1	2.7	520
M357650		2.68	15.85	0.17	1.2	0.041	2.77	19.4	14.7	0.63	993	1.27	1.76	7.6	2.7	550
M357651		2.73	15.75	0.17	1.2	0.042	2.86	20.2	15.4	0.63	1260	1.20	1.62	7.6	3.0	560
M357652		2.85	15.65	0.16	1.2	0.050	2.56	21.2	15.4	0.78	704	1.28	2.25	7.6	2.8	580
M357653		2.76	15.85	0.19	1.3	0.040	2.63	22.0	20.2	0.72	704	1.15	2.19	7.8	2.8	550
M357654		2.81	15.45	0.17	1.2	0.049	2.74	22.3	13.8	0.76	596	1.38	2.13	7.9	2.5	570
M357655		2.63	14.90	0.16	1.3	0.038	2.64	20.9	11.5	0.68	653	1.55	1.66	7.3	2.2	530
M357656		2.60	15.35	0.18	1.2	0.043	2.67	22.2	14.9	0.68	907	1.29	1.18	7.5	2.4	550
M357657		2.72	13.80	0.16	1.2	0.049	2.75	20.7	13.4	0.72	1310	1.47	1.33	7.3	2.5	520
M357658		0.45	0.37	0.22	<0.1	0.007	0.02	0.6	1.0	12.60	201	0.33	0.01	0.3	2.6	190
M357659		2.61	15.95	0.20	1.2	0.046	2.61	23.1	14.5	0.66	643	1.53	2.18	7.7	2.7	530
M357660		2.73	15.90	0.17	1.3	0.043	2.62	24.1	20.2	0.69	567	1.50	1.58	8.2	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357625		21.2	100.0	<0.002	0.02	2.38	10.7	1	2.1	349	0.71	<0.05	12.8	0.247	1.10	1.9
M357626		599	161.5	<0.002	0.08	31.8	10.6	1	3.9	104.0	0.64	<0.05	10.2	0.240	2.46	3.1
M357627		47.7	115.5	<0.002	0.04	13.45	10.3	1	2.4	207	0.71	<0.05	10.1	0.242	1.48	2.5
M357628		42.7	122.0	<0.002	0.06	10.10	11.0	1	4.5	164.5	0.72	<0.05	12.1	0.256	1.49	2.5
M357629		32.4	141.0	<0.002	0.02	9.07	11.4	1	3.9	190.5	0.71	<0.05	10.6	0.253	1.81	2.9
M357630		17.4	87.2	<0.002	0.03	10.75	5.4	1	1.6	261	0.71	<0.05	7.1	0.247	1.34	4.1
M357631		19.3	86.3	<0.002	0.03	11.25	5.4	1	1.6	271	0.73	<0.05	7.3	0.251	1.44	4.4
M357632		15.2	76.3	<0.002	0.01	4.13	5.6	1	1.5	532	0.73	<0.05	7.2	0.264	1.14	2.9
M357633		15.8	93.6	<0.002	0.01	2.49	6.1	1	1.2	541	0.70	<0.05	7.5	0.267	1.09	2.4
M357634		17.9	84.7	<0.002	0.05	5.15	6.0	1	1.5	407	0.69	<0.05	8.3	0.245	1.18	4.2
M357635		21.7	148.5	<0.002	<0.01	4.01	10.1	1	2.8	296	0.67	<0.05	11.4	0.232	1.67	2.3
M357636		58.9	157.0	<0.002	0.11	12.75	10.5	1	2.4	207	0.73	<0.05	10.4	0.239	2.25	4.0
M357637		47.5	128.0	<0.002	0.01	5.64	11.5	1	2.0	277	0.73	<0.05	12.1	0.249	1.47	2.9
M357638		1315	148.5	<0.002	3.00	30.5	9.0	1	5.3	141.5	0.63	0.27	10.4	0.197	2.45	4.7
M357639		20.2	104.5	<0.002	0.02	4.64	9.7	1	1.6	258	0.67	<0.05	10.8	0.240	1.37	2.1
M357640		21.0	113.5	<0.002	0.03	9.52	10.4	1	1.7	179.0	0.72	<0.05	10.2	0.249	1.80	3.3
M357641		18.7	94.4	<0.002	0.03	6.73	8.0	1	1.7	373	0.74	<0.05	8.8	0.277	1.34	3.3
M357642		19.7	81.4	<0.002	0.01	4.90	5.6	1	1.4	562	0.76	<0.05	7.5	0.305	1.00	3.6
M357643		19.1	104.5	<0.002	0.02	3.60	10.9	1	2.0	296	0.68	<0.05	10.0	0.239	1.20	2.7
M357644		9270	131.5	<0.002	6.79	215	7.8	2	8.7	120.5	0.43	0.53	8.0	0.175	1.93	4.9
M357645		20.3	108.5	<0.002	0.29	21.7	9.1	1	1.7	175.0	0.78	<0.05	11.0	0.308	1.60	4.4
M357646		73.0	190.0	<0.002	0.39	19.65	11.5	1	1.6	105.0	0.70	<0.05	11.7	0.234	2.83	4.0
M357647		8530	119.0	<0.002	2.25	152.5	7.4	1	2.9	80.1	0.43	0.08	8.1	0.148	1.87	5.2
M357648		8.6	3.6	<0.002	<0.01	0.21	0.5	1	0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M357649		302	140.5	<0.002	0.71	27.6	9.6	1	2.3	121.5	0.61	<0.05	11.6	0.224	2.57	3.8
M357650		19.0	103.5	<0.002	0.11	4.64	10.0	1	1.5	309	0.67	<0.05	10.8	0.238	1.25	3.6
M357651		63.5	109.5	<0.002	0.16	6.59	10.0	1	1.7	292	0.67	<0.05	11.0	0.239	1.56	3.8
M357652		18.9	95.0	<0.002	0.02	1.67	10.7	1	1.9	354	0.70	<0.05	12.5	0.240	1.04	3.8
M357653		22.4	99.0	<0.002	0.02	2.00	10.4	1	1.8	341	0.70	<0.05	11.8	0.240	0.90	3.6
M357654		21.9	109.5	<0.002	0.01	2.97	10.4	1	1.9	318	0.69	<0.05	12.8	0.238	1.06	4.0
M357655		23.3	98.8	<0.002	0.05	5.17	9.1	1	1.5	272	0.69	<0.05	11.2	0.228	1.18	4.8
M357656		21.5	109.5	<0.002	0.07	5.96	10.0	1	1.7	205	0.68	<0.05	11.2	0.231	1.38	7.3
M357657		31.1	108.5	<0.002	0.20	6.70	9.4	1	1.6	235	0.67	<0.05	10.9	0.229	1.51	4.8
M357658		1.7	1.3	<0.002	<0.01	0.05	0.3	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357659		49.4	106.5	<0.002	0.02	2.78	10.0	1	1.8	332	0.66	<0.05	11.9	0.230	1.03	3.6
M357660		31.1	111.0	<0.002	0.04	4.34	10.7	1	1.7	249	0.73	<0.05	12.3	0.243	1.03	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M357625		71	1.9	16.2	60	33.9	<1	
M357626		65	2.8	13.4	461	28.5	8	
M357627		65	2.0	14.6	115	30.2	1	
M357628		68	1.9	15.7	88	37.1	<1	
M357629		66	2.1	12.9	74	39.8	<1	
M357630		47	1.6	9.2	59	145.5	<1	
M357631		49	1.6	8.7	60	144.0	<1	
M357632		49	0.9	9.8	56	109.0	<1	
M357633		49	0.9	10.6	56	77.0	<1	
M357634		47	1.1	11.5	61	137.0	<1	
M357635		61	1.6	14.0	73	32.1	<1	
M357636		64	3.0	14.0	105	33.2	<1	
M357637		66	2.3	14.3	101	35.4	<1	
M357638		54	4.8	11.1	2840	36.3	9	
M357639		64	1.2	14.3	56	29.7	<1	
M357640		64	2.3	12.8	59	38.5	<1	
M357641		57	1.3	11.9	80	111.0	<1	
M357642		49	0.9	9.0	137	165.0	<1	
M357643		63	1.0	14.9	78	36.2	<1	
M357644		51	4.1	9.8	>10000	32.2	121	1.675
M357645		64	3.5	12.8	145	108.5	1	
M357646		63	5.7	13.0	1020	32.6	1	
M357647		40	3.7	9.5	8340	19.4	99	
M357648		3	0.1	0.9	25	<0.5	<1	
M357649		58	4.0	13.7	292	27.1	8	
M357650		63	1.2	14.4	48	29.3	<1	
M357651		64	1.5	14.5	65	29.3	1	
M357652		65	1.1	15.7	53	29.5	<1	
M357653		65	1.0	15.6	57	31.9	<1	
M357654		64	1.4	16.0	58	31.4	<1	
M357655		61	1.3	14.0	62	30.9	<1	
M357656		61	1.4	15.3	53	31.5	<1	
M357657		60	1.6	14.2	70	28.2	<1	
M357658		2	0.1	0.8	17	<0.5	<1	
M357659		60	0.9	14.4	79	31.1	<1	
M357660		64	1.5	15.2	70	33.4	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213665

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213666

Project: Klaza - 127

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

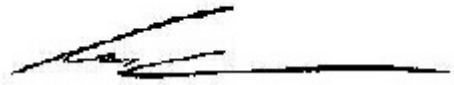
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213666

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357661		6.54	<0.005	0.17	6.86	14.9	1990	1.51	0.47	2.16	0.13	42.1	8.4	11	10.75	14.9
M357662		2.53	0.006	0.64	6.45	115.0	1530	1.30	0.21	2.92	0.54	42.8	7.7	5	15.60	22.3
M357663		4.87	<0.005	0.30	6.91	26.1	2090	1.32	0.41	2.26	0.14	41.6	7.9	7	10.50	18.0
M357664		2.42	<0.005	0.27	6.63	91.7	1810	1.47	0.27	2.89	0.65	40.6	7.8	10	12.30	14.7
M357665		4.39	<0.005	0.01	0.06	<5	20	0.06	0.03	20.3	0.06	1.14	1.1	<1	0.18	1.8
M357666		5.06	<0.005	0.18	6.95	24.6	2050	1.67	0.32	2.46	0.13	45.5	7.4	7	11.50	12.1
M357667		2.61	0.024	0.59	6.34	106.5	1460	1.25	0.28	2.46	0.44	37.6	6.8	7	12.35	17.8
M357668		7.55	<0.005	0.17	7.55	8.9	2410	1.55	0.34	1.87	0.07	47.7	5.6	8	7.73	5.1
M357669		7.61	<0.005	0.14	7.24	8.7	2160	1.64	0.23	2.39	0.13	47.6	5.8	10	9.37	11.9
M357670		8.44	<0.005	0.10	7.04	9.0	2350	1.59	0.31	2.49	0.09	46.3	6.5	8	10.55	8.3
M357671		0.26	0.755	9.93	6.45	1725	370	1.45	5.46	1.83	41.8	45.3	16.9	19	15.30	105.0
M357672		8.47	<0.005	0.27	7.01	7.4	2120	1.47	0.38	2.45	0.11	48.6	7.1	9	8.55	18.9
M357673		6.50	<0.005	0.14	6.97	6.5	2060	1.49	0.20	2.59	0.12	47.1	7.4	9	11.55	12.8
M357674		2.58	<0.005	0.35	6.57	18.6	1850	1.64	0.25	2.76	0.54	42.8	6.2	8	17.20	25.1
M357675		6.92	0.005	0.15	7.18	5.9	2090	1.50	0.35	2.54	0.10	48.2	7.0	11	11.00	15.4
M357676		0.26	2.25	25.8	5.87	3370	520	1.26	18.30	2.22	77.3	42.4	10.3	18	13.20	444
M357677		8.06	<0.005	0.11	7.24	6.5	2200	1.52	0.29	2.44	0.11	50.4	8.2	9	10.85	12.2
M357678		5.71	<0.005	0.19	7.50	7.9	2080	1.52	0.59	2.42	0.11	47.8	6.1	9	12.50	14.9
M357679		2.84	0.175	2.90	6.75	910	1570	1.75	0.28	2.98	12.75	49.7	7.4	5	19.40	24.4
M357680		2.57	0.039	2.14	6.84	116.5	1090	1.50	0.53	3.44	0.46	52.4	6.4	6	18.10	41.5
M357681		2.81	0.016	0.50	6.57	48.6	1820	1.38	0.40	2.68	0.32	44.7	8.2	7	15.10	13.8
M357682		3.78	<0.005	0.16	7.54	7.9	2130	1.58	0.23	2.39	0.11	49.4	10.2	8	10.95	9.1
M357683		1.99	<0.005	0.10	7.46	5.7	2010	1.39	0.32	2.29	0.09	48.4	10.3	8	10.05	13.3
M357684		4.85	<0.005	0.14	6.99	9.2	2120	1.41	0.58	2.93	0.07	48.4	13.3	8	9.82	3.4
M357685		8.32	<0.005	0.14	7.38	7.3	2110	1.59	0.38	2.58	0.13	51.1	6.9	9	11.35	12.7
M357686		8.68	<0.005	0.13	7.43	5.8	2080	1.58	0.29	2.43	0.11	50.6	6.6	12	8.84	14.3
M357687		5.39	0.005	0.15	7.17	9.9	2670	1.25	0.44	2.51	0.06	42.3	5.9	7	7.15	1.3
M357688		3.15	0.013	0.17	7.44	19.1	1910	1.25	0.55	2.85	0.05	44.9	10.1	6	13.20	1.2
M357689		8.90	0.010	0.17	7.29	11.2	4200	1.18	0.49	2.64	0.06	51.0	8.7	7	8.62	1.0
M357690		<0.02	0.009	0.22	7.32	12.0	4040	1.30	0.53	2.61	0.06	49.8	9.7	7	8.65	0.9
M357691		6.31	0.041	0.41	7.15	11.8	2920	1.45	0.71	3.12	0.08	52.8	11.9	7	12.95	4.0
M357692		2.55	0.007	0.26	7.03	30.3	1420	1.25	0.43	2.21	0.17	45.8	5.6	8	15.25	11.5
M357693		7.62	<0.005	0.14	6.90	12.4	1950	1.48	0.25	2.59	0.10	42.2	6.1	8	15.45	18.0
M357694		4.26	<0.005	0.13	7.34	13.6	2060	1.59	0.27	2.30	0.14	46.3	6.9	7	15.95	9.2
M357695		2.31	<0.005	0.02	0.06	<5	20	0.05	0.03	20.8	0.06	1.00	0.6	<1	0.17	1.1
M357696		3.99	0.008	0.16	6.73	15.2	3100	1.26	0.42	2.71	0.11	46.7	6.7	7	12.60	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213666

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357661		2.82	17.55	0.12	1.3	0.042	2.68	20.7	16.8	0.65	693	1.85	1.68	8.5	2.7	550
M357662		2.84	16.50	0.12	1.2	0.039	2.62	21.4	18.8	0.94	1320	1.60	0.80	7.7	2.4	520
M357663		2.87	17.45	0.13	1.4	0.044	2.70	20.4	19.0	0.67	942	1.47	1.20	8.7	2.6	580
M357664		2.72	17.35	0.13	1.6	0.047	2.43	20.2	18.7	0.82	840	1.42	1.24	8.5	5.3	570
M357665		0.46	0.29	0.25	<0.1	<0.005	0.03	0.6	1.0	12.50	188	0.27	0.01	0.3	1.0	190
M357666		2.80	17.40	0.14	1.4	0.037	2.69	22.1	15.2	0.65	810	1.48	2.12	8.6	2.4	560
M357667		2.48	16.70	0.16	1.3	0.046	2.58	18.4	19.7	0.77	1040	2.39	0.96	7.9	3.1	520
M357668		3.00	15.45	0.17	1.2	0.061	2.98	25.0	12.1	0.78	585	1.30	2.39	8.3	2.6	580
M357669		2.72	15.75	0.14	1.3	0.049	2.80	23.3	13.8	0.74	557	1.87	2.20	8.3	2.5	580
M357670		2.76	15.55	0.17	1.2	0.070	2.61	22.5	13.0	0.69	659	1.35	2.07	8.1	2.6	570
M357671		5.03	14.95	0.13	1.4	0.879	2.83	22.5	24.7	0.67	1930	11.90	0.26	7.8	15.1	500
M357672		2.73	15.70	0.15	1.1	0.056	2.71	23.8	10.8	0.74	615	1.40	2.11	7.8	2.6	590
M357673		2.68	15.50	0.16	1.2	0.040	2.70	22.1	12.3	0.67	750	1.02	2.00	7.9	2.5	550
M357674		2.58	15.10	0.16	1.2	0.055	3.08	19.8	18.9	0.63	987	1.00	1.21	7.5	2.4	530
M357675		2.67	15.35	0.16	1.3	0.042	2.78	24.1	15.3	0.71	628	1.02	2.16	7.9	2.5	570
M357676		6.54	13.60	0.13	0.9	1.535	2.64	21.8	23.1	0.90	1890	12.20	0.04	5.6	14.9	450
M357677		2.90	16.20	0.11	1.4	0.062	2.84	24.4	12.7	0.78	679	1.28	2.18	8.4	2.5	580
M357678		2.74	15.25	0.14	1.3	0.039	2.97	25.3	15.6	0.70	843	1.09	1.87	8.0	2.3	570
M357679		2.56	14.80	0.17	1.1	0.048	2.83	28.7	29.5	1.00	3580	2.18	0.04	7.5	2.7	520
M357680		2.92	14.15	0.14	1.2	0.084	2.77	29.5	37.0	1.13	3220	1.63	0.02	7.0	2.3	520
M357681		2.51	13.70	0.15	1.3	0.095	2.90	22.8	43.8	0.77	2050	1.56	0.19	6.9	2.2	490
M357682		2.80	16.30	0.16	1.3	0.051	2.97	26.8	12.3	0.72	598	1.21	2.24	8.2	2.6	570
M357683		2.85	15.55	0.16	1.3	0.075	2.87	26.3	13.1	0.71	716	1.10	1.92	8.1	2.4	570
M357684		3.47	16.95	0.17	1.3	0.144	3.05	23.6	13.6	0.70	1320	1.01	1.79	8.1	2.7	550
M357685		2.68	16.55	0.16	1.3	0.037	2.84	25.8	16.6	0.74	733	1.26	2.12	8.5	2.7	570
M357686		2.87	16.50	0.15	1.1	0.047	2.70	25.5	17.4	0.81	630	1.32	2.39	8.4	2.7	610
M357687		3.23	14.95	0.14	1.0	0.210	2.48	19.8	14.8	0.75	1200	0.49	2.13	7.6	2.6	590
M357688		3.91	15.50	0.15	1.1	0.223	2.42	20.7	18.5	0.74	1760	0.66	1.95	8.2	2.4	630
M357689		3.97	15.85	0.12	1.2	0.234	2.87	26.6	19.9	0.67	1670	2.77	1.47	8.2	2.7	610
M357690		4.10	16.00	0.14	1.2	0.251	2.83	25.6	20.4	0.67	1640	2.86	1.52	8.4	2.7	610
M357691		3.62	15.55	0.15	1.1	0.179	3.35	26.8	16.8	0.73	1460	2.23	0.94	7.6	2.7	590
M357692		2.71	15.30	0.16	1.1	0.086	2.90	22.4	35.3	0.69	1140	2.25	0.82	7.6	2.3	550
M357693		2.64	15.30	0.15	1.4	0.062	2.99	19.6	23.5	0.70	820	3.46	1.42	8.1	2.4	570
M357694		2.78	16.35	0.13	1.1	0.053	3.00	21.6	20.5	0.68	661	3.12	1.84	8.0	2.5	580
M357695		0.45	0.18	0.12	<0.1	0.005	0.02	0.5	1.0	12.65	209	0.08	0.01	0.2	1.4	190
M357696		3.47	15.00	0.16	1.0	0.170	2.94	23.2	36.4	0.95	1480	3.66	0.29	7.5	3.1	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213666

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357661		21.4	114.0	<0.002	0.04	5.51	11.1	1	1.7	260	0.71	<0.05	12.9	0.249	1.29	3.4
M357662		33.7	104.5	<0.002	0.21	8.01	10.4	1	1.6	172.5	0.63	<0.05	13.2	0.231	1.64	4.5
M357663		23.4	105.5	<0.002	0.08	5.61	11.3	1	1.7	219	0.71	<0.05	12.9	0.256	1.32	3.1
M357664		64.3	98.1	<0.002	0.25	8.35	10.3	1	1.6	263	0.69	<0.05	12.8	0.246	1.52	4.4
M357665		1.5	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M357666		24.1	107.0	<0.002	0.07	3.51	11.0	1	1.7	337	0.69	<0.05	13.2	0.249	1.25	3.4
M357667		124.5	101.0	<0.002	0.42	12.45	9.9	1	1.5	179.5	0.65	<0.05	12.2	0.232	1.80	5.5
M357668		14.0	123.5	<0.002	0.05	3.83	9.9	<1	1.6	317	0.67	<0.05	13.3	0.247	1.30	3.6
M357669		17.8	109.5	<0.002	0.02	3.02	10.3	<1	1.7	363	0.66	<0.05	12.5	0.250	1.19	3.9
M357670		14.4	105.0	<0.002	0.06	3.00	10.0	1	1.8	304	0.63	<0.05	11.7	0.246	1.15	7.8
M357671		1330	155.0	<0.002	3.02	33.1	9.0	1	5.8	145.5	0.60	0.26	10.7	0.206	2.33	4.7
M357672		16.5	102.5	<0.002	0.02	1.87	10.4	1	1.7	346	0.62	<0.05	12.4	0.247	1.11	3.7
M357673		16.2	105.5	<0.002	0.03	2.25	10.2	1	1.5	328	0.62	<0.05	11.9	0.250	1.20	3.3
M357674		37.1	114.0	<0.002	0.10	6.52	9.3	1	1.4	230	0.61	<0.05	10.9	0.242	1.76	4.2
M357675		16.3	104.5	<0.002	0.02	1.99	9.9	1	1.5	349	0.68	<0.05	13.0	0.251	1.15	4.1
M357676		2870	148.5	0.002	4.79	88.7	7.8	1	7.3	84.5	0.45	0.35	10.4	0.182	2.29	5.1
M357677		16.4	113.0	<0.002	0.04	2.08	10.6	1	1.6	350	0.68	<0.05	13.0	0.254	1.26	4.1
M357678		17.9	114.5	<0.002	0.04	4.35	9.6	1	1.7	320	0.70	<0.05	12.5	0.251	1.39	4.0
M357679		160.5	152.5	0.002	1.17	33.5	9.9	1	3.4	172.5	0.61	<0.05	12.9	0.231	2.80	8.9
M357680		142.5	148.5	<0.002	1.21	38.0	9.3	1	1.8	154.0	0.57	<0.05	13.3	0.224	2.75	6.5
M357681		35.3	132.5	<0.002	0.54	13.20	8.7	1	2.6	125.5	0.59	<0.05	11.9	0.223	2.49	11.7
M357682		18.2	114.5	<0.002	0.03	2.64	10.2	1	1.8	360	0.68	<0.05	13.4	0.247	1.39	3.9
M357683		15.4	122.5	<0.002	0.05	3.15	9.9	1	2.3	296	0.65	<0.05	13.8	0.247	1.46	3.4
M357684		12.9	131.5	<0.002	0.30	3.59	10.7	1	1.8	242	0.68	0.07	13.1	0.245	2.00	7.2
M357685		18.0	112.5	<0.002	0.03	2.42	10.4	1	1.8	350	0.71	<0.05	13.5	0.248	1.32	4.4
M357686		17.8	94.7	<0.002	0.01	2.05	10.5	1	1.9	390	0.67	<0.05	12.3	0.259	1.14	3.5
M357687		8.2	102.5	<0.002	0.28	4.41	9.1	1	1.7	229	0.59	0.09	12.0	0.241	1.77	5.4
M357688		6.4	111.5	<0.002	1.07	4.99	10.2	1	2.1	172.5	0.68	0.07	12.5	0.252	2.02	5.3
M357689		8.5	137.0	<0.002	0.78	4.53	11.0	1	1.9	238	0.69	0.07	14.3	0.244	2.35	8.8
M357690		8.7	130.0	<0.002	0.85	4.48	10.8	1	2.0	245	0.75	<0.05	14.1	0.250	2.44	9.4
M357691		10.8	143.5	<0.002	0.41	5.32	10.8	1	2.0	228	0.58	0.35	12.7	0.244	2.48	5.1
M357692		18.5	111.5	<0.002	0.41	12.50	9.5	1	1.7	131.5	0.65	<0.05	12.9	0.248	1.75	11.4
M357693		19.2	111.5	<0.002	0.07	7.68	9.3	1	1.7	237	0.77	<0.05	11.8	0.243	1.61	4.3
M357694		16.6	112.0	<0.002	0.07	5.77	10.1	1	1.8	308	0.65	0.05	11.8	0.246	1.50	2.8
M357695		1.2	1.2	<0.002	<0.01	0.07	0.1	<1	<0.2	36.0	<0.05	<0.05	0.2	<0.005	0.03	1.1
M357696		10.9	115.5	<0.002	0.61	13.70	9.7	1	1.8	112.0	0.60	0.05	12.3	0.239	2.09	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213666

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357661		66	1.7	14.5	55	34.1	<1
M357662		61	2.0	16.2	107	32.0	<1
M357663		68	2.5	15.7	54	34.6	<1
M357664		62	2.0	14.4	96	47.5	<1
M357665		2	0.1	0.8	15	<0.5	<1
M357666		65	1.6	14.2	54	34.0	<1
M357667		59	2.1	13.7	84	34.1	1
M357668		67	2.8	14.2	56	28.2	<1
M357669		71	1.9	15.0	47	30.9	<1
M357670		67	2.6	14.8	46	29.4	<1
M357671		58	4.9	10.5	2970	37.8	9
M357672		68	2.6	15.4	48	28.6	<1
M357673		68	2.3	14.4	52	29.5	<1
M357674		65	3.2	13.1	79	27.8	<1
M357675		69	1.5	14.8	47	30.0	<1
M357676		59	5.1	8.8	5580	23.8	26
M357677		71	2.5	15.3	49	31.2	<1
M357678		70	2.8	14.3	50	30.5	<1
M357679		64	5.3	12.9	880	26.5	3
M357680		62	5.4	13.0	69	26.9	2
M357681		60	4.6	12.5	61	30.0	<1
M357682		69	2.4	14.5	47	30.4	<1
M357683		67	2.9	14.3	48	29.4	<1
M357684		70	3.4	14.2	59	30.3	<1
M357685		68	2.1	15.4	52	31.6	<1
M357686		71	1.6	14.9	51	27.3	<1
M357687		63	4.0	10.9	51	23.8	1
M357688		65	7.6	10.5	52	25.6	<1
M357689		65	7.2	11.2	54	28.1	<1
M357690		64	7.4	11.0	54	27.9	<1
M357691		66	7.5	13.4	53	26.0	1
M357692		70	2.8	14.3	52	27.6	<1
M357693		67	2.3	13.3	48	31.1	1
M357694		70	2.5	13.5	50	26.8	<1
M357695		1	0.1	0.6	14	<0.5	<1
M357696		67	4.0	12.6	61	23.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213666

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213667

Project: Klaza -127

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

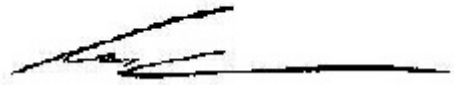
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza -127

CERTIFICATE OF ANALYSIS WH12213667

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357697		6.48	0.079	0.39	6.80	30.9	2450	1.32	1.13	3.25	0.11	43.6	22.7	7	11.55	2.7
M357698		7.12	<0.005	0.10	7.18	8.7	1930	1.42	0.30	2.12	0.19	45.7	4.2	8	12.05	9.5
M357699		5.45	<0.005	0.17	7.33	7.3	2110	1.79	0.44	2.55	0.12	48.6	6.9	9	13.40	18.2
M357700		4.30	0.006	0.66	7.49	21.6	1810	1.52	1.06	2.56	0.48	48.5	6.4	8	12.50	45.4
M357701		1.98	<0.005	0.57	6.76	12.0	2750	1.41	1.11	3.14	0.77	43.4	8.1	7	10.95	7.3
M357702		6.14	<0.005	0.19	7.70	8.2	2120	1.69	0.46	2.48	0.14	50.5	7.4	7	12.30	22.7
M357703		<0.02	<0.005	0.18	7.56	8.2	2080	1.68	0.49	2.42	0.15	49.7	7.8	7	12.35	21.5
M357704		5.08	<0.005	0.27	7.29	8.4	2190	1.58	1.16	2.70	0.14	46.2	8.7	8	10.95	39.0
M357705		6.45	<0.005	0.37	7.08	22.8	1910	1.36	0.30	1.96	0.99	45.9	4.9	7	15.85	11.5
M357706		4.95	<0.005	0.09	7.00	8.8	2410	1.63	0.25	2.45	0.09	46.5	5.8	9	12.85	7.3
M357707		5.30	<0.005	0.07	7.06	5.3	2000	1.77	0.18	2.36	0.11	47.0	7.0	11	16.10	9.0
M357708		2.66	0.012	1.06	6.31	86.9	1840	1.37	0.21	3.53	0.85	36.1	9.1	4	16.50	7.1
M357709		0.26	0.734	9.88	6.76	1840	1450	1.60	6.78	1.91	42.1	47.0	17.3	20	17.00	111.0
M357710		3.36	<0.005	0.17	7.04	24.4	1390	1.47	0.20	2.98	0.17	48.0	7.3	6	22.1	14.4
M357711		3.80	<0.005	0.13	7.24	18.2	1620	1.51	0.19	1.91	0.14	44.2	6.7	7	21.6	18.3
M357712		2.82	<0.005	0.29	7.38	25.7	1890	1.61	0.22	2.43	3.50	47.1	7.2	7	25.6	10.3
M357713		4.16	0.005	0.45	6.82	55.6	1530	1.57	0.22	2.77	0.21	46.4	5.7	6	20.7	15.5
M357714		3.30	0.005	2.34	6.92	41.3	1570	1.58	0.25	2.46	35.0	45.3	5.8	7	19.65	20.0
M357715		3.55	<0.005	0.01	0.05	<5	30	<0.05	0.01	20.0	0.07	1.09	1.0	<1	0.15	1.1
M357716		2.51	<0.005	1.49	6.93	23.1	1920	1.63	0.39	2.42	17.70	43.4	6.0	7	20.1	18.4
M357717		3.13	<0.005	0.85	6.61	19.0	1670	1.62	0.80	2.38	4.18	38.5	6.6	7	19.30	12.5
M357718		2.92	<0.005	0.38	7.12	29.6	2230	1.54	0.23	2.56	2.52	41.1	7.3	8	18.55	15.2
M357719		1.73	0.006	1.18	6.43	91.6	2440	1.78	0.28	3.14	6.77	40.1	7.2	6	17.30	18.1
M357720		5.08	0.029	0.97	6.84	167.0	1450	1.70	0.23	2.71	1.44	46.4	7.0	6	21.3	17.2
M357721		4.45	0.360	5.55	7.02	1705	900	1.76	0.29	2.37	27.7	42.5	10.8	6	19.25	24.7
M357722		3.30	<0.005	0.02	0.06	<5	20	<0.05	0.02	19.95	0.10	1.16	1.1	<1	0.19	1.5
M357723		3.04	0.468	10.60	7.34	1535	1700	1.75	0.42	2.46	7.53	54.3	16.3	7	16.85	7.1
M357724		4.03	0.178	1.65	7.00	742	1420	1.66	0.33	2.82	6.32	48.7	6.7	6	16.75	10.2
M357725		3.34	0.054	0.15	7.03	28.5	1980	1.84	0.25	2.30	0.27	46.3	4.2	7	19.80	4.4
M357726		1.83	<0.005	0.13	6.92	24.2	3130	1.32	0.22	2.19	0.25	45.2	3.8	7	19.10	5.9
M357727		2.89	0.007	0.26	6.67	49.4	1410	1.44	0.64	2.81	0.43	44.1	9.2	8	18.00	2.3
M357728		3.10	0.087	1.12	6.77	472	2150	1.31	0.32	2.67	6.04	48.6	6.1	6	17.45	5.6
M357729		2.63	<0.005	0.15	7.01	19.2	1520	1.35	0.31	2.58	0.19	46.4	6.4	7	17.70	12.9
M357730		0.26	0.792	10.40	6.41	1730	1440	1.29	6.34	1.88	41.1	45.6	15.9	20	16.00	110.0
M357731		3.05	<0.005	0.15	6.25	12.8	1650	1.22	0.17	4.11	0.23	45.0	6.6	6	30.6	13.8
M357732		7.05	<0.005	0.52	6.67	16.7	2130	1.45	0.21	2.51	2.90	42.2	6.6	7	25.4	11.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza -127

CERTIFICATE OF ANALYSIS WH12213667

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357697		4.33	15.50	0.12	1.0	0.226	2.62	21.5	25.6	1.03	1690	1.75	1.27	7.6	3.1	560
M357698		2.68	16.65	0.12	1.0	0.098	2.91	22.7	18.4	0.64	696	3.13	1.78	8.4	2.5	580
M357699		2.81	16.90	0.12	1.1	0.057	2.82	24.1	17.2	0.71	739	2.82	2.11	8.2	2.7	580
M357700		3.03	17.05	0.12	1.2	0.119	3.07	24.2	18.2	0.82	963	2.97	1.89	8.4	3.0	640
M357701		2.92	15.65	0.12	1.0	0.111	2.98	21.9	12.6	0.60	1060	2.54	1.38	8.0	2.3	570
M357702		2.93	16.60	0.14	1.1	0.053	2.84	25.6	19.1	0.82	760	4.20	2.04	8.8	2.6	640
M357703		2.94	16.35	0.14	1.1	0.055	2.79	25.1	18.6	0.82	755	3.42	1.97	8.6	2.6	640
M357704		2.89	16.30	0.14	1.0	0.061	2.80	23.4	15.5	0.67	730	3.22	1.90	8.2	2.7	560
M357705		2.50	15.90	0.13	1.2	0.066	3.18	22.9	36.7	0.67	1560	2.95	0.31	8.1	2.3	530
M357706		2.74	16.00	0.12	1.2	0.079	2.89	23.1	17.8	0.75	680	1.09	1.89	8.2	2.6	560
M357707		2.64	16.20	0.13	1.3	0.044	2.70	22.8	33.5	0.68	629	1.19	1.93	8.4	2.5	560
M357708		4.33	15.25	0.13	1.0	0.092	2.80	18.6	29.6	1.39	2890	2.43	0.03	4.7	3.2	740
M357709		5.17	15.50	0.17	1.4	0.985	2.94	24.9	25.6	0.71	2020	12.75	0.27	7.9	16.4	510
M357710		2.47	15.20	0.13	1.2	0.049	2.25	25.3	100.5	0.98	993	1.13	0.03	7.8	2.6	540
M357711		2.62	16.90	0.12	1.3	0.053	3.10	21.8	71.5	0.64	699	1.11	0.19	8.4	2.5	580
M357712		3.16	17.70	0.14	1.5	0.061	3.20	22.5	44.8	0.80	1080	1.28	0.21	9.5	2.7	660
M357713		2.39	15.70	0.12	1.2	0.062	2.98	23.7	62.6	0.85	1020	1.17	0.06	7.8	2.5	560
M357714		3.03	15.45	0.14	1.1	0.070	3.05	22.9	42.3	0.89	1360	1.29	0.30	8.1	2.6	570
M357715		0.44	0.17	<0.05	<0.1	<0.005	0.02	0.5	0.9	12.35	189	0.08	<0.01	0.3	1.9	170
M357716		3.16	15.95	0.12	1.1	0.060	3.25	21.4	33.5	0.71	3330	0.90	0.70	8.0	2.5	550
M357717		2.84	15.75	0.13	1.1	0.041	3.02	18.3	30.0	0.62	3240	0.96	0.71	7.8	2.3	540
M357718		2.75	16.75	0.14	1.2	0.044	2.98	19.5	28.7	0.64	1390	1.28	1.15	8.0	2.6	580
M357719		2.73	15.60	0.14	1.1	0.042	2.92	19.8	27.4	0.87	2920	1.19	0.88	7.3	2.5	510
M357720		2.53	15.65	0.16	1.1	0.049	2.85	24.3	57.5	0.89	1440	1.05	0.20	7.5	2.5	520
M357721		3.28	17.45	0.17	1.0	0.084	2.75	21.5	54.6	0.77	4610	1.20	0.03	8.1	2.8	570
M357722		0.42	0.24	0.05	<0.1	<0.005	0.02	0.6	1.1	12.35	192	0.71	<0.01	0.3	1.9	260
M357723		3.89	16.85	0.14	1.0	0.179	3.11	28.7	69.3	0.92	1780	0.77	0.03	7.5	2.6	550
M357724		3.06	15.55	0.12	1.0	0.101	2.84	25.9	54.6	0.99	2420	1.82	0.02	7.5	2.5	530
M357725		2.56	16.05	0.14	1.1	0.067	3.13	23.6	76.7	0.82	903	1.09	0.05	7.7	2.3	550
M357726		2.51	15.55	0.12	1.1	0.069	3.14	23.5	71.5	0.74	881	1.09	0.05	8.4	2.6	580
M357727		3.07	15.35	0.13	1.0	0.133	3.08	22.6	58.5	0.92	1540	1.46	0.04	8.5	2.6	560
M357728		3.18	15.00	0.14	1.0	0.089	3.06	26.2	35.6	0.90	1500	2.15	0.04	8.1	2.9	520
M357729		2.74	15.85	0.14	1.1	0.075	2.99	23.8	71.2	0.83	767	1.36	0.06	8.8	2.8	560
M357730		4.98	15.00	0.16	1.3	0.942	2.77	24.0	23.6	0.67	1990	12.65	0.25	8.1	16.1	480
M357731		2.94	14.35	0.14	1.2	0.045	2.59	23.3	71.1	1.10	872	0.89	0.58	8.3	2.8	500
M357732		2.88	15.80	0.13	1.4	0.049	3.06	20.7	58.2	0.70	1940	1.06	1.02	9.0	2.7	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza -127

CERTIFICATE OF ANALYSIS WH12213667

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357697		10.7	102.0	<0.002	1.37	7.31	10.5	1	1.9	207	0.67	0.29	11.2	0.224	1.90	6.8
M357698		15.3	116.5	<0.002	0.02	6.94	10.8	1	1.9	258	0.72	<0.05	12.8	0.243	1.40	3.7
M357699		18.6	108.5	<0.002	0.02	3.58	11.7	1	2.0	355	0.74	<0.05	13.1	0.247	1.23	3.9
M357700		37.1	131.0	<0.002	0.22	11.05	11.6	1	2.2	298	0.70	<0.05	12.8	0.262	1.57	3.3
M357701		32.0	125.5	<0.002	0.18	5.43	9.8	1	1.9	231	0.68	<0.05	11.4	0.235	1.78	3.9
M357702		20.5	115.0	<0.002	0.02	3.43	11.4	1	2.2	360	0.75	<0.05	14.2	0.260	1.27	3.9
M357703		20.1	111.5	<0.002	0.02	3.43	11.2	1	2.0	351	0.75	<0.05	13.8	0.259	1.23	3.8
M357704		21.1	113.5	<0.002	0.02	10.40	10.4	1	1.9	358	0.71	<0.05	12.6	0.241	1.27	3.1
M357705		35.9	116.0	<0.002	0.11	13.55	9.9	1	1.6	129.0	0.73	<0.05	13.6	0.230	1.73	3.6
M357706		16.5	115.0	<0.002	0.03	2.55	10.7	1	1.6	319	0.72	<0.05	12.7	0.239	1.35	4.6
M357707		17.6	104.0	<0.002	0.03	4.00	10.6	1	1.6	341	0.73	<0.05	12.7	0.240	1.21	4.6
M357708		140.0	146.5	<0.002	0.77	22.4	10.1	1	1.4	182.5	0.35	<0.05	4.7	0.268	2.59	13.1
M357709		1530	153.0	<0.002	3.11	34.1	9.7	1	5.9	153.0	0.67	0.26	11.7	0.203	2.55	5.3
M357710		15.3	96.0	<0.002	0.22	15.95	10.2	1	1.5	195.5	0.71	<0.05	12.5	0.229	2.04	5.0
M357711		17.1	115.5	<0.002	0.08	17.00	11.4	1	1.6	153.5	0.74	<0.05	12.1	0.243	1.73	4.2
M357712		64.6	111.0	<0.002	0.11	14.00	13.3	1	2.2	158.5	0.88	<0.05	11.8	0.286	1.96	4.3
M357713		18.1	119.5	<0.002	0.28	16.20	10.6	1	1.5	160.5	0.68	<0.05	12.1	0.227	2.01	4.8
M357714		432	125.0	<0.002	0.36	15.90	10.6	1	2.7	159.5	0.70	<0.05	12.6	0.239	2.35	5.7
M357715		1.8	1.0	<0.002	<0.01	0.05	0.2	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357716		230	125.5	<0.002	0.19	11.65	10.2	1	2.7	210	0.67	<0.05	11.4	0.235	2.18	4.0
M357717		104.0	108.0	<0.002	0.10	10.65	9.8	1	2.2	198.5	0.66	<0.05	10.3	0.232	1.84	4.9
M357718		68.4	105.5	<0.002	0.08	11.45	10.9	1	1.8	250	0.70	<0.05	11.4	0.245	1.53	3.4
M357719		219	106.0	<0.002	0.26	14.00	10.0	1	1.8	248	0.64	<0.05	10.1	0.216	1.70	3.1
M357720		29.9	125.5	<0.002	0.41	21.4	10.5	1	1.9	233	0.64	<0.05	12.0	0.221	2.10	3.6
M357721		550	112.0	<0.002	1.51	32.5	11.2	1	5.0	245	0.68	<0.05	11.9	0.238	2.41	4.2
M357722		2.0	1.2	<0.002	<0.01	0.09	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357723		1840	135.5	<0.002	1.72	27.9	10.6	1	4.7	142.5	0.67	<0.05	12.9	0.222	2.47	4.8
M357724		190.0	124.5	<0.002	1.28	18.70	10.5	1	3.1	201	0.67	<0.05	12.7	0.220	2.29	4.9
M357725		24.6	128.5	<0.002	0.29	13.00	11.1	1	1.8	187.0	0.69	<0.05	13.0	0.232	3.13	4.3
M357726		16.4	134.0	<0.002	0.33	13.00	9.9	1	2.0	197.0	0.71	<0.05	13.0	0.242	3.23	3.6
M357727		15.8	125.5	<0.002	0.67	14.80	9.8	1	2.0	143.5	0.66	0.09	12.3	0.244	3.25	4.6
M357728		191.0	158.5	<0.002	1.06	16.10	9.9	1	4.1	157.0	0.65	<0.05	13.5	0.227	3.43	6.6
M357729		15.2	129.5	<0.002	0.26	16.00	10.4	1	1.8	207	0.75	<0.05	13.2	0.246	3.17	3.1
M357730		1320	173.0	<0.002	3.06	34.3	8.8	1	6.1	150.5	0.62	0.31	12.1	0.207	2.45	5.4
M357731		21.0	116.5	<0.002	0.08	15.10	9.2	1	1.6	278	0.71	<0.05	11.7	0.220	1.67	3.5
M357732		117.5	130.0	<0.002	0.10	13.45	9.9	1	2.0	268	0.79	<0.05	12.1	0.238	1.92	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza -127

CERTIFICATE OF ANALYSIS WH12213667

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357697		66	5.0	14.1	62	25.8	<1
M357698		68	3.8	14.9	52	26.6	<1
M357699		70	3.2	16.1	55	29.7	<1
M357700		78	3.2	16.6	93	31.2	1
M357701		66	2.5	15.4	143	26.7	1
M357702		73	5.2	16.6	60	29.8	<1
M357703		73	3.4	16.1	60	28.6	<1
M357704		67	3.5	16.2	58	28.3	<1
M357705		64	3.4	14.2	108	31.3	<1
M357706		68	1.9	15.8	50	30.9	<1
M357707		69	1.1	15.6	52	35.0	<1
M357708		100	2.9	15.3	137	32.9	1
M357709		60	5.0	11.7	3120	40.0	11
M357710		63	5.2	14.7	48	30.5	<1
M357711		69	3.2	14.6	50	34.2	<1
M357712		87	4.1	17.1	277	36.8	<1
M357713		65	2.6	14.0	48	30.6	1
M357714		65	2.9	13.7	2000	29.8	3
M357715		1	0.1	0.8	15	<0.5	<1
M357716		68	4.0	14.4	1040	28.4	2
M357717		66	4.1	13.6	315	30.4	1
M357718		70	3.1	14.5	211	30.8	<1
M357719		62	2.1	14.4	486	28.0	2
M357720		62	2.7	14.7	130	28.4	1
M357721		66	4.6	12.6	1840	27.9	6
M357722		2	0.1	0.8	16	<0.5	<1
M357723		67	4.3	13.9	508	24.1	12
M357724		63	3.6	14.2	434	25.4	2
M357725		66	2.4	14.4	59	27.7	<1
M357726		65	2.6	14.3	54	30.9	<1
M357727		65	3.1	14.3	67	27.8	<1
M357728		60	3.0	14.5	403	28.4	1
M357729		65	2.7	16.0	55	30.9	<1
M357730		57	5.5	12.0	2940	41.8	10
M357731		60	2.1	16.5	60	33.6	<1
M357732		63	4.0	15.5	213	37.7	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2012
Account: ROCKHA

Project: Klaza -127

CERTIFICATE OF ANALYSIS WH12213667

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12213668

Project: Klaza - 127

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

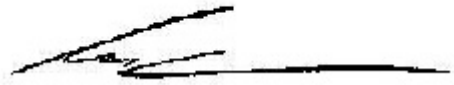
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213668

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357733		2.58	0.020	1.73	6.83	33.4	1220	1.25	0.36	2.63	1.17	45.3	6.1	9	19.90	9.2
M357734		2.83	5.73	>100	5.90	8940	1970	1.19	0.31	2.53	57.7	48.0	6.5	7	15.95	354
M357735		2.90	<0.005	0.07	0.05	5	20	0.06	0.02	21.6	0.07	1.05	1.6	<1	0.14	2.9
M357736		2.75	0.008	0.28	6.62	30.9	1870	1.50	0.21	2.41	0.16	42.1	2.5	10	14.25	5.0
M357737		6.98	<0.005	0.16	6.55	17.9	1870	1.41	0.31	2.38	0.12	37.9	3.5	10	9.71	2.5
M357738		8.14	0.008	0.12	6.83	15.4	2650	1.42	0.44	2.14	0.16	41.4	4.0	9	9.36	1.4
M357739		7.77	<0.005	0.19	6.94	12.1	2300	1.37	0.72	2.38	0.11	44.9	6.9	14	9.52	4.0
M357740		2.79	0.028	0.33	7.15	61.5	1660	1.39	0.26	1.95	0.23	47.3	5.1	10	17.00	6.0
M357741		<0.02	0.028	0.33	7.19	62.6	1670	1.27	0.25	1.95	0.23	46.8	5.3	11	16.80	6.6
M357742		5.29	0.010	0.14	7.01	33.4	1990	1.31	0.24	2.16	0.17	47.4	4.1	16	14.90	4.9
M357743		2.59	0.487	0.41	6.98	616	3150	1.39	0.27	1.78	0.74	51.1	3.0	8	12.50	1.6
M357744		2.80	0.006	1.37	7.48	63.3	2300	1.36	0.26	1.68	3.42	52.3	5.0	10	14.30	4.7
M357745		0.26	4.48	>100	5.17	7860	1300	1.05	55.0	1.93	221	38.4	8.7	18	11.75	1275
M357746		3.93	0.005	0.62	6.79	17.5	2830	1.31	0.99	2.43	0.29	44.6	5.3	10	11.50	2.2
M357747		2.25	<0.005	0.22	6.82	20.2	3260	1.36	0.37	2.14	0.16	47.2	3.7	14	11.10	2.5
M357748		2.77	1.405	>100	6.66	2190	960	1.41	0.53	1.96	35.0	45.0	9.5	11	14.05	175.5
M357749		3.20	<0.005	0.09	0.06	<5	30	0.05	0.02	20.9	0.09	1.36	1.1	1	0.16	2.1
M357750		5.27	0.007	0.36	7.58	16.6	2750	1.26	0.30	1.35	0.32	54.9	7.8	12	10.00	9.4
M357751		3.02	0.005	0.32	7.04	14.5	2360	1.36	0.37	2.25	0.29	47.6	7.3	14	13.05	10.6
M357752		4.27	<0.005	0.14	6.79	8.2	2160	1.39	0.19	2.44	0.24	45.3	6.1	16	12.35	13.7
M357753		3.86	<0.005	0.14	6.70	10.3	1960	1.31	0.32	2.53	0.14	45.0	5.2	9	12.05	16.0
M357754		2.18	<0.005	0.15	6.55	10.5	1940	1.27	0.22	2.55	0.15	42.4	5.2	14	12.25	18.7
M357755		8.40	<0.005	0.10	6.95	10.1	1970	1.37	0.22	1.95	0.16	46.2	4.4	10	11.35	8.3
M357756		8.39	<0.005	0.10	7.04	11.9	2000	1.38	0.22	2.27	0.15	49.5	7.5	15	10.85	12.9
M357757		8.16	<0.005	0.09	7.14	9.7	2200	1.45	0.18	2.30	0.14	51.1	6.0	10	11.70	9.1
M357758		7.49	<0.005	0.10	7.16	11.1	2330	1.43	0.23	2.00	0.10	47.5	3.3	13	8.79	3.4
M357759		0.26	0.823	10.15	6.64	1760	1700	1.38	6.32	1.89	42.1	47.6	16.8	19	16.30	114.0
M357760		6.56	<0.005	0.11	7.25	10.2	2380	1.30	0.26	2.20	0.10	54.3	4.4	13	7.72	6.6
M357761		7.71	<0.005	0.12	7.37	10.1	2690	1.31	0.24	2.23	0.13	55.6	5.1	9	9.35	14.0
M357762		2.37	<0.005	0.12	7.30	9.5	2980	1.17	0.27	1.00	0.11	51.0	9.4	12	7.32	6.1
M357763		2.70	0.015	0.20	6.88	20.5	3510	1.33	0.24	1.93	0.20	44.0	11.3	11	8.03	12.7
M357764		3.04	0.008	0.15	6.83	15.4	6200	1.41	0.26	2.23	0.26	49.1	6.3	15	9.82	3.2
M357765		7.34	<0.005	0.25	7.37	10.9	2560	1.53	0.23	1.87	0.19	47.0	3.5	13	9.01	5.7
M357766		2.53	0.028	1.20	6.39	109.0	2450	1.45	0.36	2.22	4.82	46.8	3.2	15	9.67	4.4
M357767		4.94	<0.005	0.09	7.06	6.9	2560	1.55	0.19	2.26	0.10	42.9	4.3	12	7.88	6.3
M357768		5.94	<0.005	0.10	6.69	7.1	2690	1.57	0.20	2.07	0.06	41.6	5.4	17	8.48	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213668

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357733		2.54	15.05	0.13	1.1	0.063	2.42	23.7	106.5	0.82	1430	1.11	0.05	8.1	2.4	560
M357734		3.86	13.65	0.15	1.0	0.117	2.01	26.5	74.4	0.80	2520	8.32	0.04	6.7	3.2	440
M357735		0.50	0.35	0.10	<0.1	<0.005	0.02	0.5	1.0	12.65	207	0.08	<0.01	0.3	0.9	180
M357736		2.47	15.60	0.17	1.2	0.126	3.12	20.2	33.9	0.62	1080	1.33	1.25	8.6	2.5	570
M357737		2.70	15.20	0.14	1.2	0.122	2.45	18.6	15.4	0.70	818	0.84	2.16	8.5	2.7	530
M357738		2.72	15.20	0.14	1.1	0.102	2.74	21.3	34.7	0.68	819	0.67	2.20	8.1	2.6	550
M357739		3.33	16.60	0.14	1.0	0.104	2.74	23.0	13.1	0.74	825	1.37	2.13	8.2	3.1	550
M357740		2.64	16.40	0.13	1.2	0.068	3.54	24.4	30.0	0.63	1690	1.47	0.29	8.5	2.8	560
M357741		2.66	16.55	0.14	1.1	0.071	3.55	23.8	29.2	0.63	1670	1.54	0.30	8.4	2.8	560
M357742		2.67	16.65	0.15	1.1	0.097	3.32	23.8	33.4	0.63	985	1.72	0.64	8.3	2.7	550
M357743		3.00	15.95	0.15	0.9	0.139	3.36	26.9	21.1	0.69	2060	0.95	0.10	7.4	2.8	540
M357744		2.80	17.10	0.16	1.1	0.084	4.03	27.6	26.4	0.65	2340	1.97	0.07	8.8	2.9	570
M357745		7.63	13.20	0.20	1.1	4.74	2.20	20.6	29.9	0.61	3010	15.80	0.08	5.9	14.3	440
M357746		2.94	14.40	0.13	0.9	0.159	4.01	23.0	16.0	0.76	1530	3.45	0.33	7.7	2.3	560
M357747		3.78	16.75	0.15	1.0	0.242	3.93	24.6	18.8	0.67	1880	2.31	0.59	8.3	2.7	620
M357748		3.33	16.60	0.14	1.0	0.155	3.28	23.4	27.8	0.65	8230	3.84	0.05	7.4	2.8	500
M357749		0.45	0.27	0.14	<0.1	0.005	0.03	0.7	1.0	12.60	199	0.29	<0.01	0.3	5.6	250
M357750		2.87	17.35	0.17	1.2	0.076	3.31	28.5	27.0	0.57	1060	1.16	0.13	9.0	2.8	630
M357751		2.69	16.45	0.15	1.2	0.082	3.05	23.7	31.0	0.71	1300	2.17	0.95	8.7	2.8	560
M357752		2.62	16.30	0.13	1.3	0.069	2.94	23.2	9.9	0.68	745	1.84	1.89	8.4	3.0	530
M357753		2.63	16.20	0.14	1.2	0.088	2.75	22.6	18.4	0.72	704	1.46	1.72	8.3	2.7	530
M357754		2.62	16.25	0.15	1.2	0.089	2.72	21.4	19.5	0.72	725	2.55	1.68	8.3	2.7	530
M357755		2.69	16.60	0.14	1.2	0.099	2.85	24.3	14.4	0.55	855	1.55	1.50	8.5	2.7	530
M357756		2.59	16.80	0.14	1.3	0.062	2.76	25.6	15.7	0.64	647	2.54	1.87	8.6	2.8	540
M357757		2.66	17.20	0.16	1.3	0.051	2.83	26.2	15.7	0.68	642	2.08	1.92	8.9	2.9	560
M357758		2.67	16.20	0.15	1.2	0.063	3.09	24.5	14.3	0.52	646	2.00	1.44	8.5	2.6	560
M357759		5.11	15.65	0.18	1.4	0.945	2.83	25.4	25.4	0.69	2000	12.75	0.26	8.0	16.7	500
M357760		3.43	16.55	0.16	1.1	0.088	2.77	28.5	13.6	0.74	894	1.84	1.92	8.8	3.3	600
M357761		2.91	17.45	0.16	1.2	0.062	2.93	29.4	15.9	0.68	803	2.34	1.60	8.9	3.0	630
M357762		3.12	16.95	0.20	1.0	0.098	3.44	27.4	20.9	0.53	845	2.55	0.46	8.1	2.2	570
M357763		4.45	15.40	0.21	0.9	0.181	3.27	22.6	37.5	0.93	1700	2.57	0.45	7.2	2.4	550
M357764		3.40	15.70	0.20	0.9	0.096	2.87	25.0	27.7	0.87	1710	1.04	0.21	7.8	2.4	540
M357765		3.30	17.10	0.20	1.0	0.092	3.08	23.5	14.5	0.65	1200	1.38	1.25	8.4	2.2	570
M357766		3.20	15.25	0.20	0.9	0.114	3.12	23.5	14.1	0.63	2260	2.88	0.60	7.6	2.4	510
M357767		2.97	15.85	0.19	1.0	0.108	3.08	20.7	10.0	0.75	786	1.43	1.76	8.2	2.1	550
M357768		3.54	15.45	0.18	0.9	0.104	2.70	20.3	14.7	0.73	766	1.60	1.83	7.5	2.4	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213668

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357733		142.5	103.5	<0.002	0.20	22.8	10.3	1	1.8	232	0.66	<0.05	13.3	0.230	2.19	4.0
M357734		>10000	114.5	<0.002	2.26	388	8.7	1	9.5	230	0.54	<0.05	11.8	0.187	1.78	33.6
M357735		5.5	0.9	<0.002	0.02	0.17	0.3	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357736		19.8	141.0	<0.002	0.22	11.00	10.2	1	1.9	207	0.68	<0.05	11.4	0.231	2.03	4.2
M357737		15.0	110.5	<0.002	0.10	5.86	9.2	1	1.7	223	0.71	<0.05	10.6	0.225	1.48	3.3
M357738		17.0	113.5	<0.002	0.12	3.97	10.4	1	1.7	256	0.66	<0.05	12.1	0.229	1.47	4.1
M357739		17.3	118.5	<0.002	0.09	3.94	10.8	1	1.8	293	0.65	0.06	12.6	0.237	1.39	4.0
M357740		21.8	156.0	<0.002	0.60	16.80	11.3	1	1.9	148.5	0.68	<0.05	13.7	0.243	2.27	5.5
M357741		21.0	156.5	<0.002	0.61	16.55	11.3	1	1.9	150.5	0.67	<0.05	13.4	0.244	2.24	5.6
M357742		19.6	151.0	<0.002	0.16	15.40	11.4	1	2.2	182.0	0.68	<0.05	13.3	0.244	2.06	4.0
M357743		33.4	168.5	<0.002	0.58	19.55	11.1	1	2.5	110.0	0.59	<0.05	14.4	0.213	2.44	3.5
M357744		85.0	186.0	<0.002	0.47	19.20	12.3	1	2.5	135.5	0.66	<0.05	14.6	0.257	2.66	5.4
M357745		9270	150.0	<0.002	6.88	218	7.9	2	9.0	124.0	0.44	0.51	8.9	0.180	2.09	5.3
M357746		30.7	177.0	<0.002	0.39	8.98	10.5	1	2.0	151.5	0.62	0.12	13.2	0.230	2.73	4.3
M357747		13.6	171.5	<0.002	0.26	8.90	10.8	1	2.3	166.0	0.63	<0.05	13.2	0.248	2.58	5.5
M357748		1670	157.5	<0.002	1.51	241	10.0	1	4.1	131.0	0.61	<0.05	11.7	0.222	2.51	3.7
M357749		3.0	1.6	<0.002	<0.01	0.25	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357750		19.2	159.0	<0.002	0.13	15.65	12.7	1	2.3	113.0	0.73	<0.05	15.2	0.264	1.90	2.3
M357751		21.8	139.5	<0.002	0.16	14.20	10.6	1	2.0	234	0.70	<0.05	12.8	0.242	1.69	3.8
M357752		22.5	131.5	<0.002	0.04	3.57	10.6	1	1.8	327	0.71	<0.05	12.9	0.231	1.52	4.3
M357753		16.7	117.0	<0.002	0.05	5.81	10.3	1	1.6	312	0.69	<0.05	12.3	0.232	1.37	4.6
M357754		17.2	110.0	<0.002	0.06	6.35	10.5	1	1.7	307	0.68	<0.05	11.8	0.231	1.39	4.4
M357755		17.6	132.5	<0.002	0.02	7.31	11.2	1	1.7	254	0.70	<0.05	13.5	0.238	1.43	3.6
M357756		21.4	124.0	<0.002	0.04	4.78	11.3	1	1.6	302	0.74	<0.05	14.7	0.238	1.19	4.6
M357757		20.9	128.5	<0.002	0.03	4.03	11.9	1	1.7	326	0.73	<0.05	13.6	0.241	1.28	4.3
M357758		15.3	132.5	<0.002	0.05	6.38	11.0	1	1.9	230	0.73	<0.05	13.3	0.241	1.45	3.3
M357759		1355	179.0	<0.002	3.14	35.2	9.8	1	6.2	153.5	0.63	0.29	12.5	0.210	2.47	5.5
M357760		12.9	124.0	<0.002	0.24	3.48	12.4	1	2.1	247	0.68	<0.05	13.1	0.254	1.39	3.7
M357761		21.9	133.5	<0.002	0.03	7.80	13.4	1	2.1	280	0.71	<0.05	14.2	0.264	1.37	4.0
M357762		13.2	135.0	<0.002	0.12	11.45	10.5	1	2.0	114.0	0.63	<0.05	13.5	0.240	1.59	2.8
M357763		14.2	124.5	<0.002	0.72	7.62	10.9	2	1.7	153.5	0.51	<0.05	13.0	0.209	1.83	5.7
M357764		10.7	106.0	<0.002	0.31	14.10	10.4	2	1.6	135.0	0.58	<0.05	12.8	0.222	1.73	1.6
M357765		16.0	113.5	<0.002	0.08	7.43	11.0	2	1.9	213	0.68	<0.05	12.1	0.241	1.49	2.6
M357766		111.0	130.0	<0.002	0.52	10.20	10.4	2	1.7	130.0	0.58	<0.05	10.9	0.210	2.00	6.0
M357767		14.4	113.5	<0.002	0.02	2.89	10.3	2	1.8	290	0.67	<0.05	11.4	0.227	1.54	3.3
M357768		13.7	93.3	<0.002	0.04	3.16	10.3	2	1.7	264	0.58	<0.05	10.9	0.215	1.38	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213668

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M357733		61	3.3	15.4	110	31.3	1		
M357734		53	3.2	14.2	3490	28.8	204	1.510	
M357735		1	0.1	0.8	12	<0.5	<1		
M357736		62	2.1	14.4	46	34.6	<1		
M357737		60	2.6	13.8	47	33.8	<1		
M357738		61	2.3	13.7	50	29.8	<1		
M357739		65	2.3	14.9	50	28.5	<1		
M357740		66	3.1	15.5	49	32.6	<1		
M357741		67	3.1	15.2	48	30.9	<1		
M357742		66	3.0	14.4	50	30.6	<1		
M357743		62	2.5	14.1	93	25.8	<1		
M357744		71	5.3	14.8	267	30.5	1		
M357745		52	4.6	10.0	>10000	35.2	124		1.605
M357746		62	2.4	14.8	70	25.5	1		
M357747		65	3.0	14.5	77	28.8	<1		
M357748		60	5.3	12.2	3340	27.7	169		
M357749		2	0.1	0.9	18	0.8	<1		
M357750		72	4.8	16.9	68	34.0	<1		
M357751		64	3.7	15.3	57	33.7	<1		
M357752		63	2.7	15.4	53	35.0	<1		
M357753		62	2.5	15.1	45	32.8	<1		
M357754		62	2.6	14.7	47	31.2	<1		
M357755		62	3.4	15.5	47	32.5	<1		
M357756		63	2.5	16.3	50	35.0	<1		
M357757		64	2.2	16.8	48	36.8	<1		
M357758		64	2.3	14.4	50	30.9	<1		
M357759		57	5.5	12.2	2960	41.8	9		
M357760		69	2.2	15.4	60	29.9	<1		
M357761		75	3.1	17.1	53	31.7	<1		
M357762		68	3.7	13.8	65	27.9	<1		
M357763		62	3.1	12.7	93	26.1	<1		
M357764		65	2.2	13.3	77	26.2	<1		
M357765		70	2.2	14.0	70	29.2	<1		
M357766		63	3.7	13.1	389	24.7	<1		
M357767		64	2.3	14.1	58	27.3	<1		
M357768		67	2.4	12.2	66	24.8	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza - 127

CERTIFICATE OF ANALYSIS WH12213668

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215615

Project: Klaza - 100

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12185467**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza - 100

CERTIFICATE OF ANALYSIS WH12215615

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811379		0.005
N811380		<0.005
N811381		2.40
N811382		<0.005
N811383		0.073
N811384		<0.005
N811385		<0.005
N811386		<0.005
N811387		<0.005
N811388		0.006
N811389		<0.005
N811390		0.098
N811391		<0.005
N811392		<0.005
N811393		<0.005
N811394		<0.005
N811395		<0.005
N811396		0.005
N811397		0.014
N811398		0.029
N811399		4.33
N811400		0.012
N811401		0.021
N811402		0.052
N811403		0.095
N811404		0.101
N811405		0.376
N811406		<0.005
N811407		0.029
N811408		0.025
N811409		0.005
N811410		0.005
N811411		0.009
N811412		<0.005
N811413		0.008
N811414		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12185467**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
This copy reported on 19-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215616

Project: Klaza - 101

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12187456**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-SEP-2012
Account: ROCKHA

Project: Klaza - 101

CERTIFICATE OF ANALYSIS WH12215616

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811625		0.006
N811626		<0.005
N811627		0.024
N811628		<0.005
N811629		<0.005
N811630		<0.005
N811631		4.46
N811632		<0.005
N811633		<0.005
N811634		0.925
N811635		<0.005
N811636		0.007
N811637		<0.005
N811638		<0.005
N811639		<0.005
N811640		<0.005
N811641		<0.005
N811642		0.058
N811643		<0.005
N811644		<0.005
N811645		<0.005
N811646		4.30
N811647		<0.005
N811648		<0.005
N811649		2.37
N811650		<0.005
N811651		0.010
N811652		0.005
N811653		<0.005
N811654		<0.005
N811655		<0.005
N811656		<0.005
N811657		<0.005
N811658		<0.005
N811659		<0.005
N811660		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12187456**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215623

Project: Klaza-126

P.O. No.: Batch 7

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

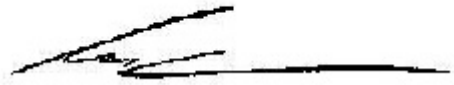
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215623

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359879		2.55	0.248	5.04	6.74	264	380	1.29	4.86	1.29	159.0	51.3	6.1	8	10.10	520
M359880		3.53	0.040	0.72	7.11	36.3	850	1.45	1.98	1.54	0.97	46.8	9.2	10	11.05	64.1
M359881		4.28	0.152	0.66	6.79	59.0	690	1.43	2.11	1.35	0.74	49.7	10.5	17	9.74	79.6
M359882		<0.02	0.173	0.60	6.75	56.4	730	1.12	2.32	1.27	0.47	41.3	10.2	18	8.44	71.6
M359883		6.99	0.027	0.31	7.09	28.8	690	1.56	1.17	1.97	0.36	49.2	6.2	9	12.35	83.0
M359884		2.65	0.846	7.63	6.10	688	560	1.12	35.4	1.65	2.85	31.2	7.0	8	6.38	85.2
M359885		2.68	<0.005	0.13	0.08	<5	30	0.05	0.17	20.7	0.08	1.47	0.6	<1	0.20	4.1
M359886		5.12	0.126	0.50	7.17	43.7	1090	1.53	1.04	2.52	0.54	51.1	6.6	9	16.70	107.5
M359887		7.18	0.032	0.59	7.29	36.2	600	1.31	1.40	2.20	0.68	76.4	14.6	10	11.35	88.6
M359888		2.41	0.356	2.43	6.83	332	730	1.22	6.59	1.32	0.93	47.8	5.5	9	6.60	126.5
M359889		2.99	<0.005	0.09	0.07	<5	40	<0.05	0.02	20.3	0.05	1.07	0.6	<1	0.14	1.8
M359890		4.60	0.055	1.35	7.02	55.4	270	1.23	3.55	0.77	0.69	45.6	4.5	10	8.10	74.2
M359891		2.00	0.034	0.57	7.11	34.0	700	1.67	1.23	2.42	0.58	43.8	8.3	8	12.60	172.5
M359892		7.45	0.023	0.65	7.08	14.6	530	1.53	1.27	2.27	0.51	47.6	7.7	11	9.34	200

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359879		5.73	16.35	0.17	1.0	1.365	3.14	26.1	8.3	0.71	942	12.45	0.04	5.3	3.2	510
M359880		4.90	14.25	0.16	1.0	0.114	3.41	24.0	11.6	0.78	576	23.8	0.07	5.1	3.0	520
M359881		5.41	15.30	0.14	1.1	0.123	3.22	25.3	14.1	0.69	436	3.04	0.14	4.4	3.5	510
M359882		5.60	13.65	0.12	1.0	0.103	3.22	20.9	11.4	0.67	426	2.57	0.13	3.7	3.4	490
M359883		3.68	15.35	0.16	1.1	0.087	3.08	25.5	25.6	0.72	444	3.12	0.26	6.0	2.4	550
M359884		9.16	13.85	0.17	0.9	0.214	2.97	17.6	7.2	0.94	876	5.17	0.05	2.2	2.5	420
M359885		0.46	0.29	0.09	<0.1	<0.005	0.03	0.7	1.1	12.50	189	0.21	0.01	0.2	1.6	400
M359886		3.30	15.40	0.17	0.9	0.081	3.07	25.8	16.3	1.02	604	1.04	0.05	5.4	2.6	530
M359887		4.28	15.50	0.18	0.9	0.158	3.09	47.9	8.1	0.96	549	0.93	0.55	3.6	3.0	540
M359888		6.88	14.60	0.06	0.9	0.185	3.18	24.6	5.4	0.51	457	2.28	0.06	3.7	2.1	480
M359889		0.44	0.22	<0.05	<0.1	<0.005	0.03	0.5	1.0	12.20	184	0.14	<0.01	0.2	0.9	200
M359890		5.72	14.20	0.07	1.1	0.192	3.26	23.3	5.1	0.57	369	0.83	0.05	4.5	2.0	510
M359891		3.24	15.10	0.07	1.5	0.071	2.67	22.0	12.8	0.70	327	1.05	0.92	6.6	2.0	560
M359892		3.52	15.85	0.07	1.3	0.055	2.60	24.4	10.9	0.73	257	1.40	1.58	6.8	2.1	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359879		950	162.0	0.008	6.21	38.8	9.1	2	14.7	30.0	0.48	0.16	14.0	0.185	2.89	4.3
M359880		37.9	168.5	0.007	4.34	7.49	9.5	2	6.1	67.7	0.46	0.22	13.2	0.178	2.40	4.4
M359881		58.9	163.5	0.002	5.08	6.46	10.4	2	8.1	73.4	0.39	0.34	12.8	0.155	2.35	4.1
M359882		59.7	148.5	0.002	5.47	5.45	9.2	2	7.4	59.9	0.38	0.47	11.6	0.151	2.14	3.8
M359883		23.2	124.5	<0.002	2.36	18.85	9.6	2	4.3	151.0	0.54	0.11	12.4	0.202	2.24	5.3
M359884		141.0	149.5	0.003	10.00	21.3	7.8	5	12.9	29.3	0.22	1.12	10.6	0.098	2.04	2.9
M359885		2.3	2.1	0.002	0.02	0.21	0.2	<1	0.3	45.8	<0.05	<0.05	0.2	<0.005	0.04	0.7
M359886		18.0	151.0	<0.002	2.21	22.1	9.8	1	4.4	87.4	0.45	0.14	12.9	0.193	2.64	4.7
M359887		27.7	162.5	<0.002	3.62	13.85	9.2	1	4.6	87.8	0.33	0.14	13.2	0.147	2.68	4.4
M359888		109.5	169.0	<0.002	7.30	12.95	8.7	3	8.0	35.5	0.32	0.26	11.0	0.131	2.05	3.4
M359889		1.4	1.4	<0.002	0.02	0.11	0.1	<1	0.2	41.4	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359890		39.3	149.5	<0.002	5.54	4.44	9.3	2	7.9	27.7	0.43	0.24	11.8	0.148	2.02	3.4
M359891		30.6	108.0	<0.002	2.18	5.78	9.6	2	3.8	194.0	0.68	0.21	12.0	0.206	1.86	4.2
M359892		36.7	104.0	<0.002	2.42	1.46	9.6	2	4.1	285	0.66	0.16	11.2	0.197	1.49	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M359879		60	11.5	10.9	>10000	23.8	5	1.370
M359880		61	15.5	11.9	83	24.5	<1	
M359881		63	12.5	11.5	79	26.5	<1	
M359882		63	12.3	9.8	69	22.2	<1	
M359883		64	7.8	12.9	77	26.3	<1	
M359884		53	9.2	7.3	231	21.2	7	
M359885		2	0.2	0.9	16	<0.5	<1	
M359886		63	8.0	12.4	85	22.8	<1	
M359887		63	6.8	11.3	104	21.0	<1	
M359888		59	15.0	9.9	97	21.4	1	
M359889		2	0.1	0.7	13	<0.5	<1	
M359890		59	15.6	10.8	88	24.9	<1	
M359891		64	7.7	12.7	95	29.4	<1	
M359892		61	9.5	12.9	83	28.0	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215623

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215624

Project: Klaza-127

P.O. No.: Batch 7

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

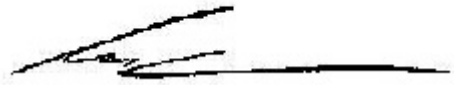
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215624

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357841		7.91	<0.005	0.09	6.48	5.0	730	1.97	0.06	2.63	0.06	41.5	3.8	9	31.1	3.2
M357842		9.18	<0.005	0.04	6.76	4.2	900	2.07	0.05	2.86	0.08	40.7	4.0	8	30.9	2.2
M357843		8.82	<0.005	0.05	6.61	4.1	850	2.06	0.06	2.93	0.09	39.1	3.7	8	33.4	1.5
M357844		8.39	<0.005	0.05	6.48	4.0	640	2.07	0.12	3.04	0.08	38.7	3.8	8	31.4	1.3
M357845		7.82	<0.005	0.05	6.93	3.6	1020	2.06	0.06	2.76	0.09	43.9	4.1	9	33.9	3.2
M357846		6.96	<0.005	0.04	6.88	4.8	690	2.12	0.07	1.92	0.15	47.6	3.2	7	30.1	2.8
M357847		<0.02	<0.005	0.03	7.27	4.6	680	2.30	0.07	1.97	0.15	48.6	3.1	7	29.5	2.5
M357848		8.06	0.177	0.07	6.74	7.8	920	2.01	0.04	1.68	0.28	49.1	2.9	6	26.8	5.0
M357849		7.46	<0.005	0.03	7.09	6.1	720	1.99	0.16	1.66	0.13	45.3	2.8	6	23.8	6.3
M357850		2.80	<0.005	0.09	6.45	8.0	3440	1.99	0.51	1.95	0.16	38.0	2.6	2	24.3	14.3
M357851		2.44	<0.005	0.30	7.66	13.1	3560	1.88	0.41	2.93	0.26	47.5	8.4	9	20.7	21.1
M357852		0.24	2.14	24.8	5.99	3270	1360	1.21	18.70	2.22	78.3	41.5	10.8	17	14.15	437
M357853		8.23	0.007	0.78	7.79	11.8	2350	1.53	0.49	2.57	1.22	49.6	6.7	10	11.50	113.0
M357854		5.19	0.017	0.99	7.43	143.0	2020	1.48	0.44	2.50	6.66	44.1	5.5	11	12.85	59.1
M357855		2.35	0.149	1.07	7.77	837	1320	1.74	0.64	2.20	4.47	52.1	6.0	8	19.80	39.3
M357856		2.92	0.375	2.44	5.81	3860	910	1.24	0.29	2.44	5.54	43.4	5.3	7	12.35	43.3
M357857		3.24	0.214	7.21	6.59	2050	450	1.15	0.46	2.41	44.3	42.3	6.9	6	11.10	89.0
M357858		2.16	<0.005	0.21	0.06	9	20	<0.05	0.01	20.3	0.16	1.17	0.6	<1	0.16	2.3
M357859		2.46	0.010	0.20	7.66	17.0	1910	1.78	0.27	2.06	0.27	45.1	5.2	10	15.70	32.8
M357860		3.30	<0.005	0.51	7.50	10.8	2350	1.50	0.22	2.35	0.12	38.7	5.1	10	10.40	27.7
M357861		5.68	<0.005	0.33	7.54	9.9	2670	1.63	0.26	2.04	0.12	40.9	7.1	9	9.77	64.7
M357862		2.74	<0.005	0.33	6.84	18.4	2030	1.24	0.24	2.90	0.30	37.5	5.6	7	14.20	44.7
M357863		6.39	<0.005	0.16	7.25	8.4	2130	1.74	0.21	2.55	0.13	42.6	5.8	9	10.75	17.1
M357864		0.24	0.765	9.68	6.56	1710	970	1.51	6.13	1.87	40.8	42.5	16.2	19	15.45	105.0
M357865		5.29	<0.005	0.32	7.71	7.3	2370	1.65	0.19	2.38	0.14	44.4	3.9	10	7.73	10.1
M357866		2.87	<0.005	0.19	7.72	10.6	3670	1.56	0.21	2.54	0.14	42.6	7.1	7	9.48	6.6
M357867		3.84	<0.005	0.14	7.99	18.1	1900	1.66	0.26	2.37	0.19	53.9	5.1	8	11.75	5.6
M357868		3.26	0.008	0.15	7.62	44.0	2170	1.58	0.29	2.02	0.40	45.9	3.7	8	12.75	4.9
M357869		3.23	0.010	0.31	7.07	48.6	2390	1.61	0.24	2.51	1.01	44.6	6.2	10	11.70	7.9
M357870		2.98	<0.005	0.03	0.07	<5	30	0.06	0.02	20.3	0.08	1.16	0.6	<1	0.59	1.7
M357871		3.36	0.008	0.26	7.27	63.4	1780	1.59	0.21	2.25	0.44	45.2	4.8	8	13.00	10.9
M357872		1.94	0.034	0.68	6.79	74.3	2090	1.60	0.20	2.77	1.07	43.7	4.6	7	15.00	16.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357841		1.89	17.15	0.09	1.9	0.026	2.85	18.8	40.6	0.60	439	0.84	0.56	9.3	1.9	530
M357842		1.92	17.30	0.08	1.8	0.024	2.82	19.3	44.6	0.64	460	0.63	0.27	9.3	1.9	540
M357843		1.84	16.35	0.06	1.7	0.027	2.91	18.5	47.0	0.66	474	0.91	0.61	9.1	1.8	520
M357844		1.80	16.20	0.09	1.7	0.022	2.70	17.3	80.4	0.63	485	1.07	0.09	8.9	1.7	520
M357845		2.02	17.50	0.07	1.8	0.026	3.15	21.2	77.3	0.67	476	1.02	0.77	9.8	2.1	550
M357846		1.64	17.25	0.08	2.1	0.022	2.62	24.4	65.6	0.61	533	0.86	0.04	9.7	1.6	430
M357847		1.74	16.80	0.10	2.1	0.022	2.69	24.9	63.1	0.64	547	0.90	0.04	9.6	1.5	460
M357848		1.49	15.40	0.09	2.1	0.024	2.46	26.6	67.7	0.58	539	0.93	0.04	8.9	1.2	370
M357849		1.54	15.55	0.08	2.2	0.018	2.92	22.9	33.5	0.54	397	0.88	0.04	9.1	1.2	390
M357850		1.21	14.60	0.09	2.7	0.010	2.38	20.1	66.9	0.56	413	2.20	0.05	10.4	0.6	140
M357851		3.58	15.90	0.10	1.3	0.065	3.23	22.3	44.4	0.90	849	1.28	0.93	8.0	2.4	580
M357852		6.33	13.85	0.06	1.0	1.650	2.57	24.8	23.4	0.90	1840	13.10	0.04	5.7	14.9	430
M357853		2.99	16.30	0.06	1.2	0.081	2.97	25.7	12.2	0.80	613	2.16	2.34	8.0	2.3	590
M357854		3.22	15.55	0.05	1.3	0.226	3.06	22.3	17.8	0.80	1220	5.75	1.81	8.4	2.5	630
M357855		3.18	16.00	0.07	1.2	0.117	3.60	26.3	90.8	0.79	3360	3.64	0.07	7.7	2.3	620
M357856		3.42	12.60	0.06	0.9	0.126	2.63	22.7	32.1	0.82	3830	3.75	0.03	6.1	2.6	440
M357857		3.61	13.35	0.07	1.1	0.334	3.03	21.7	17.8	0.73	5860	6.35	0.03	6.3	2.2	470
M357858		0.46	0.18	<0.05	<0.1	0.005	0.03	0.6	1.0	12.15	216	0.13	<0.01	0.1	1.1	160
M357859		2.72	16.20	<0.05	1.4	0.053	3.04	23.4	39.5	0.64	739	1.54	1.84	8.3	2.1	540
M357860		2.90	15.25	0.08	1.2	0.062	2.97	19.0	12.5	0.75	575	0.87	2.26	7.4	2.5	590
M357861		3.24	15.60	0.09	1.1	0.082	3.07	20.8	15.8	0.69	730	1.33	1.81	7.5	2.4	560
M357862		2.82	14.35	<0.05	1.3	0.061	3.03	19.2	44.7	0.95	1080	1.17	0.29	7.2	2.1	520
M357863		2.86	15.65	0.07	1.3	0.048	2.79	21.1	18.3	0.76	620	1.89	1.96	8.2	2.2	580
M357864		5.01	14.50	<0.05	1.4	0.855	2.77	22.8	24.1	0.69	1900	12.25	0.26	7.1	14.3	470
M357865		3.13	16.00	0.05	1.2	0.062	2.85	22.5	10.7	0.82	590	0.68	2.30	8.1	2.4	600
M357866		4.32	15.70	0.07	1.0	0.108	3.21	20.8	15.9	0.91	1320	0.32	2.12	7.3	2.6	600
M357867		4.82	17.70	<0.05	1.2	0.110	2.99	26.4	31.5	0.86	2290	0.28	1.87	7.4	2.9	600
M357868		3.39	15.55	0.06	1.2	0.092	3.21	23.9	55.5	0.66	1760	1.01	0.95	7.7	2.0	610
M357869		3.11	14.60	0.05	1.3	0.045	2.96	21.3	27.2	0.78	1190	1.19	1.32	7.7	2.1	540
M357870		0.46	0.21	<0.05	<0.1	0.007	0.04	0.6	1.4	12.15	200	0.14	0.01	0.2	1.1	170
M357871		3.12	15.55	0.08	1.5	0.043	3.23	24.4	50.9	0.71	999	2.73	1.23	8.3	2.3	550
M357872		3.35	16.05	0.14	1.3	0.046	3.53	20.8	43.0	0.79	1960	2.40	0.88	9.0	5.3	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357841		17.7	96.6	<0.002	0.02	4.63	4.7	1	1.5	434	0.84	<0.05	7.6	0.191	1.74	4.0
M357842		18.0	98.1	<0.002	0.03	4.29	4.8	1	1.4	432	0.87	<0.05	7.7	0.194	1.79	3.9
M357843		16.9	101.5	<0.002	0.10	3.69	4.9	1	1.3	417	0.76	<0.05	7.4	0.199	1.88	4.3
M357844		15.5	78.9	<0.002	0.18	5.32	4.6	1	1.3	382	0.80	<0.05	7.2	0.197	1.85	4.3
M357845		18.6	108.0	<0.002	0.11	4.66	5.1	1	1.5	420	0.88	<0.05	8.0	0.205	2.19	4.6
M357846		22.3	106.5	0.002	0.08	7.56	4.7	1	1.6	262	0.91	<0.05	9.4	0.167	1.89	4.9
M357847		22.1	97.2	<0.002	0.09	7.17	4.6	1	1.5	276	0.92	<0.05	9.9	0.172	2.02	5.2
M357848		25.2	98.1	<0.002	0.07	11.00	4.1	<1	1.8	262	0.88	<0.05	10.2	0.141	1.71	5.3
M357849		20.0	110.5	<0.002	0.04	4.66	3.8	1	1.9	312	0.95	<0.05	10.3	0.144	1.75	5.1
M357850		17.2	102.5	<0.002	0.10	11.40	2.6	1	3.1	292	1.22	<0.05	12.2	0.066	1.44	8.0
M357851		14.7	128.0	<0.002	0.14	11.00	9.7	1	1.8	341	0.69	0.05	12.4	0.233	1.94	3.8
M357852		2760	152.5	0.003	4.60	93.0	8.0	1	7.9	91.7	0.46	0.41	9.7	0.170	2.31	4.8
M357853		70.9	118.0	0.002	0.07	3.24	10.7	1	2.1	371	0.66	<0.05	12.1	0.260	1.37	4.1
M357854		204	115.5	<0.002	0.24	9.82	10.6	1	2.1	316	0.74	<0.05	10.6	0.262	1.55	3.9
M357855		88.2	154.0	0.002	0.71	31.8	10.5	1	2.2	256	0.65	0.05	14.2	0.254	2.39	4.4
M357856		214	173.5	<0.002	1.93	72.6	8.5	1	3.0	108.0	0.50	<0.05	9.7	0.185	2.38	6.1
M357857		1395	188.0	0.002	2.36	58.8	8.3	1	4.0	72.6	0.56	0.05	10.9	0.204	2.89	5.1
M357858		3.9	1.4	<0.002	0.01	0.21	0.1	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M357859		20.9	139.0	<0.002	0.03	10.70	9.6	<1	1.9	306	0.79	0.06	14.7	0.225	1.60	5.4
M357860		17.3	102.5	<0.002	0.04	4.58	9.4	1	1.6	357	0.65	<0.05	10.4	0.248	1.36	3.8
M357861		15.7	130.0	<0.002	0.12	7.55	10.1	1	2.0	289	0.64	<0.05	10.2	0.241	1.50	3.4
M357862		14.6	112.5	<0.002	0.22	21.6	9.1	1	2.0	192.0	0.69	<0.05	11.5	0.227	1.92	4.4
M357863		15.5	104.0	<0.002	0.06	4.30	10.1	1	1.8	332	0.70	<0.05	10.8	0.250	1.32	3.5
M357864		1280	144.5	0.003	2.91	33.3	8.3	1	5.7	144.0	0.60	0.29	10.5	0.196	2.34	4.7
M357865		17.0	114.0	<0.002	0.02	2.39	10.6	1	2.2	356	0.70	<0.05	11.0	0.254	1.24	3.6
M357866		14.8	113.5	<0.002	0.18	3.28	10.1	1	2.0	306	0.61	<0.05	9.8	0.252	1.67	4.0
M357867		12.8	117.0	<0.002	0.31	5.12	10.2	1	2.1	181.0	0.63	<0.05	13.0	0.247	2.14	3.5
M357868		20.2	129.5	<0.002	0.23	8.23	10.6	1	2.3	182.0	0.68	<0.05	11.8	0.258	1.98	4.1
M357869		21.3	113.5	<0.002	0.27	8.42	9.1	<1	1.8	252	0.71	<0.05	11.8	0.227	1.66	4.0
M357870		1.4	2.5	<0.002	<0.01	0.06	0.1	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357871		30.6	132.0	<0.002	0.21	8.92	9.6	1	1.7	220	0.80	<0.05	12.8	0.227	1.73	3.9
M357872		33.1	145.5	<0.002	0.97	8.75	10.0	1	2.0	222	0.79	<0.05	10.9	0.233	2.16	5.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215624

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357841		38	1.4	9.9	51	47.4	<1
M357842		39	1.2	10.5	55	44.4	<1
M357843		39	1.2	10.0	54	41.9	<1
M357844		39	1.2	9.4	49	44.3	<1
M357845		40	1.3	10.7	58	45.7	<1
M357846		32	1.8	11.5	58	55.9	<1
M357847		33	1.8	11.4	63	53.6	<1
M357848		28	1.4	10.8	61	49.1	<1
M357849		28	1.6	10.4	53	53.0	<1
M357850		12	1.8	13.5	48	66.8	<1
M357851		66	1.9	13.9	77	29.7	<1
M357852		55	5.0	9.5	5360	24.8	26
M357853		71	1.8	15.5	148	27.3	<1
M357854		75	2.4	15.4	691	29.2	1
M357855		69	3.3	15.3	378	27.6	<1
M357856		55	4.1	11.6	443	21.7	2
M357857		56	5.8	11.1	4210	24.5	7
M357858		2	0.1	0.8	22	<0.5	<1
M357859		61	2.2	15.2	55	34.3	<1
M357860		68	1.6	13.8	46	27.5	1
M357861		66	2.0	13.7	51	27.4	<1
M357862		62	2.1	14.0	59	28.4	<1
M357863		69	1.2	14.9	48	28.9	<1
M357864		56	5.0	10.6	2910	38.1	9
M357865		71	1.3	15.7	53	28.1	<1
M357866		72	1.9	12.9	74	23.8	<1
M357867		82	2.3	13.6	84	26.0	<1
M357868		70	2.5	14.6	79	26.4	<1
M357869		63	1.9	13.4	113	29.6	<1
M357870		2	0.1	0.7	18	<0.5	<1
M357871		64	2.1	14.5	68	35.6	<1
M357872		64	2.3	14.5	109	30.8	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215624

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215625

Project: Klaza-126

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

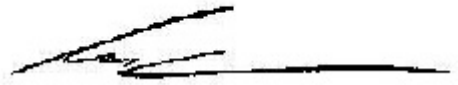
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215625

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359843		4.40	0.123	1.98	7.48	256	170	1.54	3.54	2.33	1.18	36.1	8.9	5	16.30	843
M359844		3.71	0.499	3.62	5.94	322	150	0.92	8.28	0.62	6.22	37.4	5.8	8	5.42	159.5
M359845		3.68	0.053	1.30	6.53	68.0	780	1.35	1.46	0.59	1.55	45.1	4.4	8	14.20	379
M359846		2.41	0.425	1.98	6.26	243	110	1.18	4.35	0.82	2.59	34.2	6.1	8	5.16	87.1
M359847		3.30	0.037	0.86	6.70	31.4	610	1.24	2.17	1.55	1.67	44.9	5.7	7	10.20	64.0
M359848		2.65	0.104	1.24	6.10	76.8	480	0.88	4.05	0.67	1.87	36.5	8.8	8	4.90	51.6
M359849		1.84	<0.005	<0.01	0.07	<5	20	0.06	0.05	20.2	0.06	1.18	0.5	<1	0.15	2.1
M359850		5.64	0.065	1.26	6.93	54.3	550	1.65	1.98	1.60	2.75	51.6	8.8	9	12.45	151.0
M359851		6.12	0.021	0.53	7.17	43.1	450	1.41	1.50	1.49	1.71	53.8	6.6	8	13.10	127.0
M359852		<0.02	0.024	0.54	7.18	41.8	930	1.38	1.55	1.50	1.85	52.5	6.9	9	13.55	129.5
M359853		2.84	0.064	0.92	6.90	30.4	520	1.13	2.94	1.12	1.76	45.8	11.2	9	8.42	79.4
M359854		2.89	0.024	0.50	7.26	23.4	590	1.32	1.49	1.63	0.47	49.3	7.0	8	12.70	58.9
M359855		3.88	0.023	0.50	7.14	24.9	200	1.47	1.68	1.95	0.34	45.5	6.5	9	11.90	60.6
M359856		5.43	0.023	0.35	7.04	8.4	290	1.30	3.15	1.64	0.13	40.0	9.7	8	9.28	23.9
M359857		6.35	0.017	0.22	7.09	8.3	1190	1.47	0.55	2.61	0.11	46.3	6.4	9	10.55	86.4
M359858		3.08	0.013	0.33	6.94	5.4	220	1.30	1.10	2.15	0.14	36.9	8.7	8	8.08	46.8
M359859		2.69	0.021	0.32	7.37	4.2	3260	1.35	0.45	2.40	0.22	38.8	7.0	9	7.68	114.0
M359860		0.26	2.37	27.9	5.74	3410	180	1.26	19.20	2.17	80.1	43.9	10.5	19	14.00	421
M359861		2.36	0.014	0.48	7.28	6.8	2030	1.63	0.62	2.17	0.25	34.6	7.0	8	11.70	77.1
M359862		4.45	0.040	0.36	6.91	24.7	1240	1.33	0.87	2.58	0.31	34.5	8.2	7	13.35	130.0
M359863		1.98	0.030	0.35	6.86	22.8	1330	1.42	0.85	2.65	0.25	40.1	8.2	7	14.95	138.0
M359864		3.09	0.058	0.46	6.98	45.2	670	1.43	0.94	2.60	0.41	35.9	8.0	9	14.35	124.5
M359865		6.03	0.032	0.30	6.99	17.9	1000	1.40	1.22	2.58	0.26	36.4	7.2	8	13.15	117.0
M359866		4.93	0.049	0.29	7.37	22.0	260	1.23	1.44	2.30	0.65	41.3	14.3	8	13.90	84.7
M359867		5.12	0.020	0.29	6.76	23.8	180	1.15	2.15	2.07	0.48	36.0	7.3	7	11.60	64.4
M359868		3.30	0.015	0.40	6.71	38.3	390	1.41	1.94	2.57	0.72	38.4	7.1	8	15.20	62.1
M359869		3.21	<0.005	0.01	0.08	<5	50	0.07	0.05	19.45	0.06	1.25	0.6	<1	0.18	2.3
M359870		4.20	0.021	0.26	6.93	14.2	170	1.54	1.45	2.05	0.41	32.1	8.1	8	13.40	48.3
M359871		4.53	0.014	0.21	6.59	8.0	180	1.28	1.17	2.32	0.43	35.4	8.0	9	11.70	49.2
M359872		7.56	0.014	0.27	7.00	6.3	1250	1.35	0.76	2.35	0.36	45.5	7.5	13	9.11	64.5
M359873		0.26	2.38	25.2	5.51	3300	320	1.14	19.25	2.11	73.6	38.3	9.2	19	12.65	416
M359874		5.83	0.025	0.78	7.08	17.9	1490	1.38	1.89	2.19	0.31	38.4	7.7	8	12.10	93.1
M359875		4.26	0.070	0.90	6.52	56.3	540	1.34	2.22	1.77	1.68	38.7	6.3	7	13.45	65.3
M359876		3.82	0.033	0.66	6.93	42.2	420	1.37	1.39	1.65	0.78	41.1	9.0	8	12.30	63.2
M359877		6.57	0.017	0.38	6.77	11.5	300	1.37	1.13	2.25	0.50	43.2	7.1	11	8.91	61.0
M359878		5.42	0.083	1.03	7.07	117.0	730	1.30	2.43	1.03	0.46	44.6	7.4	9	9.26	134.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359843		5.62	18.65	0.14	0.9	0.142	3.09	17.3	17.9	1.13	630	4.31	0.05	3.4	3.2	890
M359844		7.11	15.70	0.15	1.2	0.121	2.77	18.7	14.0	0.38	376	9.00	0.05	3.1	3.1	470
M359845		2.45	13.40	0.15	1.0	0.171	2.72	23.9	34.4	0.43	321	3.19	0.03	5.7	2.4	420
M359846		7.20	14.65	0.12	0.9	0.107	2.91	17.7	11.0	0.45	418	5.89	0.05	3.9	2.6	440
M359847		4.45	13.00	0.15	1.0	0.146	3.01	24.0	13.8	0.79	734	2.21	0.04	4.8	2.3	500
M359848		6.96	12.75	0.11	0.9	0.107	2.85	18.0	10.8	0.50	530	3.93	0.06	3.2	2.6	430
M359849		0.45	0.19	0.11	<0.1	<0.005	0.03	0.6	0.9	11.75	195	0.10	<0.01	0.2	1.3	180
M359850		3.79	13.90	0.13	1.0	0.112	3.04	29.5	9.2	0.94	1090	4.44	0.04	4.3	3.8	550
M359851		3.04	14.45	0.17	0.8	0.075	3.22	28.5	8.6	0.87	450	1.29	0.05	4.0	2.6	540
M359852		3.05	14.65	0.15	0.9	0.078	3.27	28.9	9.1	0.87	460	1.09	0.05	4.1	2.9	530
M359853		5.00	14.15	0.18	0.8	0.083	3.22	23.6	7.0	0.66	578	1.03	0.06	3.2	2.7	510
M359854		3.95	14.45	0.15	0.9	0.034	3.15	25.8	9.1	0.90	260	0.83	0.06	4.2	2.6	520
M359855		4.41	14.15	0.14	1.0	0.068	2.94	23.4	11.3	0.73	287	1.83	0.29	5.2	2.5	520
M359856		5.88	12.30	0.14	1.0	0.088	3.16	20.2	9.7	0.72	267	1.94	0.11	5.0	2.4	540
M359857		2.73	14.80	0.15	1.0	0.035	2.53	23.6	17.7	0.66	264	1.85	1.60	6.9	2.2	570
M359858		4.10	13.45	0.15	0.9	0.044	2.39	18.5	13.2	0.66	211	1.54	1.31	6.4	2.5	530
M359859		3.08	15.60	0.10	0.8	0.054	2.34	18.6	17.0	0.90	284	1.82	2.18	7.7	2.5	650
M359860		6.38	13.45	0.13	1.0	1.655	2.46	22.5	22.9	0.89	1850	13.00	0.04	6.5	15.6	440
M359861		3.07	15.25	0.13	0.7	0.043	2.32	17.2	19.5	0.88	219	4.14	1.36	7.4	3.4	560
M359862		3.11	13.95	0.13	0.8	0.035	2.56	17.8	21.1	0.71	288	1.73	0.99	6.5	2.4	550
M359863		3.24	14.70	0.15	0.8	0.043	2.47	19.6	24.1	0.84	308	2.26	0.73	7.2	2.5	660
M359864		3.26	15.40	0.14	0.8	0.044	2.86	16.8	18.0	0.60	449	4.33	0.19	6.6	2.4	610
M359865		3.12	13.90	0.12	0.9	0.040	2.56	18.0	13.4	0.70	215	1.42	1.03	6.7	2.2	570
M359866		3.71	14.25	0.12	0.8	0.038	2.72	20.4	18.4	0.91	215	1.14	0.08	6.1	2.6	590
M359867		4.04	14.15	0.13	0.9	0.028	2.55	18.6	19.7	0.71	205	4.74	0.08	7.0	2.6	550
M359868		3.85	14.45	0.17	1.0	0.030	2.56	19.8	18.9	0.64	319	1.26	0.07	7.8	2.4	560
M359869		0.41	0.20	0.08	<0.1	0.005	0.03	0.6	1.0	11.55	176	0.13	<0.01	0.2	1.5	170
M359870		4.11	13.20	0.14	0.8	0.028	2.42	15.1	34.2	0.64	171	0.90	0.81	6.8	2.4	560
M359871		3.97	12.20	0.12	0.8	0.027	2.34	17.6	11.2	0.66	213	0.81	1.25	6.8	2.4	560
M359872		3.07	14.35	0.15	1.0	0.028	2.32	23.2	13.6	0.76	258	1.61	1.80	7.8	2.6	580
M359873		6.14	12.15	0.15	1.0	1.510	2.42	20.7	20.4	0.85	1800	12.25	0.04	5.8	13.7	410
M359874		3.09	15.05	0.12	1.0	0.057	2.49	18.5	33.9	0.76	334	1.04	0.48	7.7	2.4	580
M359875		4.80	12.40	0.15	1.0	0.109	2.77	20.8	13.6	0.71	779	2.21	0.12	6.2	2.3	490
M359876		4.15	14.45	0.16	1.0	0.098	2.81	20.2	18.9	0.63	568	1.23	0.07	6.9	2.6	550
M359877		3.64	13.65	0.13	1.0	0.043	2.59	21.6	10.9	0.74	283	0.71	1.42	6.9	2.3	550
M359878		4.80	14.85	0.13	1.0	0.137	3.34	23.0	9.8	0.63	421	0.82	0.07	5.3	2.6	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359843		49.9	136.5	<0.002	5.33	138.5	10.6	1	6.1	78.2	0.22	0.55	4.4	0.253	2.75	3.6
M359844		412	127.0	0.002	7.73	44.6	7.7	2	15.1	21.1	0.35	0.79	12.0	0.128	1.74	5.7
M359845		60.8	133.0	<0.002	1.80	106.5	7.1	1	4.4	44.5	0.42	0.11	13.5	0.182	2.43	7.7
M359846		151.0	132.5	<0.002	7.45	16.80	7.8	2	11.0	25.1	0.28	0.58	12.1	0.130	1.77	3.9
M359847		59.4	139.0	<0.002	3.92	19.90	8.7	1	5.4	53.8	0.41	0.26	13.6	0.153	2.30	4.6
M359848		75.2	133.0	0.002	7.32	16.10	8.0	3	10.3	19.0	0.30	0.58	11.7	0.107	1.71	5.1
M359849		1.7	1.4	<0.002	0.02	0.16	0.1	<1	0.2	45.7	<0.05	<0.05	0.2	<0.005	<0.02	0.9
M359850		44.6	161.0	0.004	3.32	32.6	9.4	2	3.9	43.0	0.33	0.36	15.0	0.156	2.77	5.4
M359851		32.6	159.5	0.002	2.69	7.46	9.3	1	3.8	59.4	0.30	0.19	14.0	0.141	2.75	3.4
M359852		33.1	166.5	<0.002	2.73	7.79	9.6	2	3.8	60.0	0.30	0.25	14.2	0.146	2.75	3.6
M359853		37.7	148.5	<0.002	4.98	6.16	9.5	2	7.1	38.0	0.23	0.29	13.9	0.120	2.01	4.3
M359854		28.9	151.5	<0.002	3.92	3.99	9.2	2	4.5	53.0	0.33	0.28	13.4	0.143	2.16	3.2
M359855		27.6	128.0	<0.002	4.18	3.13	9.3	3	4.4	94.0	0.41	0.19	13.4	0.160	1.77	3.9
M359856		11.2	135.0	<0.002	5.78	1.64	9.6	3	5.7	59.7	0.44	0.22	12.5	0.158	1.63	4.3
M359857		16.0	84.9	<0.002	1.38	2.50	9.5	1	2.5	394	0.55	0.07	11.3	0.217	1.32	4.0
M359858		21.3	89.6	<0.002	3.03	1.30	9.1	2	3.8	291	0.51	0.10	9.4	0.205	1.01	3.4
M359859		24.9	77.1	<0.002	0.86	1.13	10.3	1	2.7	437	0.50	<0.05	8.9	0.249	1.14	3.2
M359860		2790	157.5	<0.002	4.62	91.6	8.2	1	7.8	87.9	0.44	0.42	9.8	0.172	2.33	5.1
M359861		25.7	82.4	<0.002	1.11	1.50	10.1	1	2.8	297	0.49	<0.05	8.6	0.227	1.08	3.0
M359862		27.5	86.9	<0.002	1.79	4.99	9.1	1	3.0	224	0.44	0.11	8.0	0.220	1.50	2.5
M359863		23.6	89.0	<0.002	1.84	5.58	10.5	1	3.4	197.5	0.45	0.11	7.7	0.247	1.57	3.0
M359864		31.4	104.5	<0.002	2.49	13.55	9.9	1	4.0	116.0	0.44	0.09	7.2	0.225	1.76	3.4
M359865		21.3	86.8	<0.002	1.92	10.25	9.3	1	3.2	238	0.50	0.17	9.3	0.221	1.38	4.7
M359866		23.9	116.5	<0.002	3.04	19.60	9.6	1	4.9	91.3	0.41	0.20	9.2	0.210	1.79	4.1
M359867		27.3	95.7	<0.002	3.51	17.85	9.6	2	4.4	77.1	0.46	0.15	8.7	0.211	1.37	3.0
M359868		31.5	99.8	<0.002	2.97	18.40	10.0	2	3.8	79.8	0.58	0.15	10.8	0.226	1.65	4.1
M359869		1.4	1.3	<0.002	0.02	0.14	0.2	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M359870		27.0	94.8	<0.002	3.25	8.19	9.7	2	4.3	328	0.48	0.17	9.2	0.215	1.18	4.5
M359871		24.1	80.6	<0.002	2.93	1.39	9.4	2	3.3	311	0.46	0.10	8.9	0.225	1.09	3.2
M359872		25.4	87.5	<0.002	1.35	1.32	10.4	1	2.8	444	0.54	0.05	12.3	0.236	1.16	3.7
M359873		2660	144.5	<0.002	4.44	79.7	7.4	1	6.9	82.2	0.44	0.32	10.1	0.169	2.22	5.1
M359874		24.5	83.6	<0.002	1.50	9.89	9.6	1	2.9	152.5	0.58	0.13	11.1	0.225	1.37	4.4
M359875		110.0	127.5	<0.002	4.33	13.80	8.8	2	4.5	72.0	0.48	0.16	12.6	0.183	1.93	6.3
M359876		31.4	111.0	<0.002	2.92	11.90	9.8	2	5.2	68.4	0.52	0.10	11.5	0.208	1.92	5.1
M359877		27.9	103.0	<0.002	2.34	1.91	9.7	1	3.1	320	0.56	0.10	12.1	0.215	1.48	5.0
M359878		36.2	202	<0.002	3.99	11.55	9.1	1	7.6	50.8	0.43	0.15	13.2	0.168	2.45	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359843		89	9.3	14.2	201	18.7	2
M359844		55	16.9	10.6	514	22.1	4
M359845		56	6.9	9.5	165	22.2	1
M359846		55	13.4	10.4	258	19.3	2
M359847		59	15.0	11.8	170	20.6	1
M359848		54	14.8	9.5	190	17.6	2
M359849		2	0.2	0.8	13	<0.5	<1
M359850		65	10.0	12.6	206	18.8	2
M359851		62	7.6	10.6	140	16.4	<1
M359852		63	7.9	11.3	141	16.1	<1
M359853		63	10.4	11.1	178	16.0	<1
M359854		61	8.8	9.8	60	17.4	<1
M359855		61	11.1	11.2	65	18.7	<1
M359856		67	18.5	12.1	36	17.8	<1
M359857		69	2.8	12.2	53	19.1	<1
M359858		64	11.6	12.6	41	16.1	<1
M359859		76	1.8	12.5	65	15.1	<1
M359860		56	4.9	10.1	5460	23.3	25
M359861		68	4.1	10.9	54	15.2	<1
M359862		67	4.8	11.0	55	14.3	<1
M359863		77	5.5	12.9	60	15.2	<1
M359864		74	6.3	12.1	66	15.2	<1
M359865		69	7.2	11.2	50	16.0	<1
M359866		70	12.0	13.3	66	15.1	<1
M359867		66	15.4	13.2	52	17.3	<1
M359868		70	12.0	14.1	63	20.1	<1
M359869		2	0.2	0.8	14	0.7	<1
M359870		68	15.1	11.7	52	15.7	<1
M359871		68	13.5	11.9	57	17.9	<1
M359872		70	5.7	12.8	58	20.4	<1
M359873		55	4.8	9.1	5340	21.4	26
M359874		68	4.8	12.0	64	20.6	<1
M359875		61	13.8	12.1	162	19.3	<1
M359876		67	11.0	11.3	97	21.0	<1
M359877		66	7.3	12.8	85	19.5	<1
M359878		61	9.9	10.2	75	20.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215625

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215626

Project: Klaza-127

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

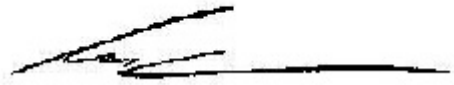
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215626

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357805		3.03	0.015	0.23	8.42	35.9	1740	1.68	0.45	2.36	0.05	56.7	6.4	6	18.65	29.2
M357806		4.84	<0.005	0.08	6.68	6.1	2570	1.19	0.19	2.24	0.10	42.1	4.4	13	13.20	1.7
M357807		0.23	2.26	24.8	5.87	3440	780	1.23	20.2	2.16	80.4	43.2	11.3	18	15.60	434
M357808		3.30	0.042	2.04	6.71	72.6	1180	1.06	0.55	1.57	19.00	39.1	17.8	7	10.65	22.6
M357809		3.36	0.009	0.58	7.45	35.3	3090	1.37	0.40	1.88	3.53	78.2	18.5	7	20.7	5.3
M357810		2.65	0.006	0.21	6.83	18.0	1790	1.05	0.31	1.83	0.51	39.4	6.8	7	14.35	4.2
M357811		2.52	0.052	3.51	6.55	116.0	600	0.93	0.40	0.61	37.9	41.5	3.9	8	8.99	16.5
M357812		5.53	0.103	2.86	7.33	159.5	1250	1.13	1.25	1.30	12.25	51.1	7.9	7	12.60	87.6
M357813		2.68	<0.005	0.01	0.06	<5	20	0.05	0.02	20.3	0.10	1.23	1.1	<1	0.15	2.0
M357814		3.25	0.045	0.68	7.13	26.8	1410	1.14	0.36	1.54	4.88	42.3	6.7	7	11.70	8.7
M357815		2.86	<0.005	0.41	7.86	15.3	2350	1.35	0.32	2.33	5.50	44.1	7.1	8	16.85	2.9
M357816		3.99	0.028	0.42	7.66	50.2	3120	1.40	0.55	2.36	1.32	44.9	3.0	8	13.60	2.8
M357817		6.37	<0.005	0.60	7.58	34.4	3160	1.53	0.27	2.88	1.66	40.3	3.2	9	13.05	6.6
M357818		<0.02	<0.005	0.57	7.73	33.4	3170	1.56	0.27	2.86	1.70	42.8	3.2	13	13.65	6.5
M357819		2.30	0.012	0.31	7.61	65.6	1960	1.58	0.23	2.50	0.60	45.0	9.8	7	14.90	25.0
M357820		5.60	0.009	0.22	7.52	54.7	2330	1.49	0.30	2.33	0.27	43.4	4.8	8	15.05	6.5
M357821		2.11	<0.005	0.09	7.66	12.6	1640	1.52	0.25	1.70	0.05	47.6	5.0	8	14.35	3.1
M357822		3.73	0.072	0.65	6.98	346	1190	1.41	0.27	2.11	1.72	40.8	6.9	8	16.65	10.2
M357823		2.35	0.008	0.30	7.17	39.4	1080	1.74	0.39	2.15	0.17	46.8	10.6	7	17.55	11.8
M357824		5.62	<0.005	0.04	6.78	9.4	3290	1.99	0.12	1.07	0.14	44.3	3.6	6	20.3	4.7
M357825		0.23	0.754	9.07	6.58	1820	1020	1.42	6.55	1.85	42.8	43.0	17.7	21	17.30	109.5
M357826		7.65	<0.005	0.11	7.43	13.9	1570	2.41	0.20	1.12	0.17	40.7	2.1	4	22.7	6.0
M357827		5.24	<0.005	0.08	7.45	16.2	1420	1.97	0.11	2.04	0.10	53.1	8.2	18	27.0	8.7
M357828		8.84	<0.005	0.03	7.66	13.6	810	1.99	0.07	2.05	0.09	54.7	6.6	18	28.5	6.2
M357829		8.65	<0.005	0.16	7.16	15.2	1430	1.89	0.07	1.87	0.23	48.5	6.1	16	24.5	5.5
M357830		8.38	<0.005	0.02	6.99	9.2	940	1.97	0.03	2.62	0.07	46.2	5.8	15	27.0	2.5
M357831		3.99	<0.005	0.02	7.14	9.7	1000	1.92	0.03	2.54	0.06	51.7	5.9	16	27.3	5.6
M357832		8.12	<0.005	0.02	6.75	9.2	1460	1.97	0.04	2.60	0.05	42.7	5.3	14	29.1	2.3
M357833		7.90	<0.005	0.04	6.87	7.9	2020	1.95	0.06	2.50	0.06	44.2	5.9	18	29.8	5.5
M357834		7.48	<0.005	0.05	7.20	7.6	3980	2.06	0.09	2.77	0.09	53.8	6.9	17	27.7	4.0
M357835		7.95	<0.005	0.13	7.04	11.4	2680	2.22	0.15	1.13	0.19	42.2	4.1	6	22.0	10.2
M357836		2.72	<0.005	0.06	6.70	8.4	2140	2.49	0.28	1.47	0.14	37.0	2.2	5	22.6	2.0
M357837		6.41	<0.005	0.07	5.77	5.5	990	2.28	0.21	2.68	0.08	33.8	3.1	6	22.2	6.4
M357838		3.40	<0.005	0.36	6.59	10.2	720	2.37	0.81	3.48	0.16	38.8	4.3	7	23.1	10.5
M357839		2.52	<0.005	0.01	0.05	<5	30	0.05	0.02	20.8	0.06	1.13	1.2	<1	0.20	2.2
M357840		4.75	<0.005	0.09	6.50	5.1	950	2.34	0.25	2.92	0.07	39.0	4.2	8	27.1	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215626

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357805		5.41	24.7	0.18	0.7	0.365	4.65	27.8	12.9	0.90	4030	0.52	0.05	6.5	4.2	460
M357806		4.20	16.45	0.15	0.8	0.211	3.71	23.4	11.5	0.87	2450	1.00	0.08	8.0	2.7	560
M357807		6.30	15.30	0.18	1.0	1.850	2.59	23.0	23.5	0.88	1860	13.95	0.04	6.7	16.0	450
M357808		5.04	15.55	0.16	0.8	0.540	3.13	22.1	11.6	0.71	9750	2.10	0.03	7.8	2.4	550
M357809		5.16	20.1	0.18	1.0	0.359	3.56	44.0	14.6	0.88	9220	14.00	0.05	7.5	2.9	480
M357810		5.22	15.40	0.16	1.0	0.270	3.20	22.2	22.4	0.86	3410	2.61	0.34	7.9	2.6	540
M357811		5.23	15.50	0.16	0.8	0.273	3.05	23.1	10.5	0.43	12750	1.13	0.03	7.5	2.0	490
M357812		6.26	17.95	0.19	1.0	0.416	3.39	28.2	11.4	0.70	6090	0.98	0.03	8.8	2.5	580
M357813		0.43	0.32	0.05	<0.1	<0.005	0.06	0.6	0.9	12.20	200	0.19	0.01	0.3	2.6	190
M357814		5.65	16.35	0.17	0.9	0.327	3.37	23.4	11.8	0.89	5020	1.33	0.03	7.9	2.4	530
M357815		4.97	17.65	0.16	0.9	0.206	3.41	23.9	23.7	1.04	3800	0.88	0.04	8.7	2.9	630
M357816		4.06	17.60	0.15	0.9	0.198	3.96	24.2	14.5	0.85	3400	0.78	0.05	8.3	3.0	610
M357817		3.79	16.80	0.15	1.0	0.090	3.79	21.0	11.9	0.92	2700	1.25	0.04	8.2	2.5	620
M357818		3.79	17.10	0.15	1.0	0.096	3.78	22.7	12.3	0.93	2700	1.42	0.05	8.5	2.6	630
M357819		4.01	16.75	0.16	0.9	0.103	3.62	24.5	10.4	0.99	2640	0.58	0.06	8.3	2.6	620
M357820		3.78	17.50	0.17	1.0	0.134	3.84	22.7	12.9	0.81	1940	2.53	0.36	8.6	2.6	640
M357821		3.55	16.50	0.15	0.9	0.188	3.80	26.6	15.1	0.83	1410	2.19	0.04	8.6	2.5	600
M357822		5.01	15.45	0.16	0.8	0.201	3.10	22.4	18.7	0.89	2630	1.01	0.03	7.5	2.9	540
M357823		3.25	16.85	0.15	1.1	0.137	3.08	24.7	27.5	0.80	1440	2.52	0.04	8.8	2.4	510
M357824		1.68	16.55	0.12	2.2	0.028	2.72	23.9	21.2	0.51	491	0.62	0.30	11.0	2.0	300
M357825		5.06	16.15	0.18	1.4	0.977	2.83	22.4	26.1	0.68	1960	13.20	0.26	8.3	16.4	500
M357826		1.27	18.65	0.11	2.8	0.025	3.17	21.2	32.1	0.47	459	1.73	0.04	13.2	1.6	210
M357827		2.53	20.2	0.16	3.1	0.031	3.14	27.0	43.6	0.86	641	1.33	0.05	12.0	6.9	1010
M357828		2.17	20.1	0.15	2.1	0.028	3.02	28.7	67.2	0.83	547	0.72	0.05	11.0	7.1	820
M357829		1.93	19.30	0.13	1.8	0.028	2.96	24.8	44.0	0.71	473	0.77	0.04	10.7	6.4	730
M357830		2.15	19.45	0.14	1.8	0.028	2.67	23.2	62.9	0.86	508	0.54	0.06	10.8	6.1	710
M357831		2.14	19.20	0.15	1.8	0.028	2.66	26.7	59.3	0.85	496	0.54	0.06	10.6	6.1	720
M357832		1.90	18.80	0.14	1.7	0.026	2.68	21.6	57.1	0.70	461	0.48	0.27	10.5	5.6	670
M357833		2.10	18.75	0.14	1.8	0.025	2.81	22.5	76.3	0.75	480	0.66	0.75	9.9	6.2	740
M357834		2.37	19.10	0.16	2.6	0.027	2.67	28.2	73.8	0.95	563	1.10	0.05	10.8	6.4	900
M357835		1.37	16.55	0.13	2.7	0.020	2.87	22.8	29.7	0.50	446	0.70	0.04	11.9	2.1	360
M357836		1.13	16.75	0.13	2.4	0.014	2.80	19.1	39.8	0.43	380	1.83	0.05	12.0	1.6	250
M357837		1.30	15.65	0.12	2.0	0.015	2.70	16.7	26.7	0.48	374	2.33	0.06	10.3	1.6	300
M357838		1.70	17.15	0.13	1.9	0.026	2.84	19.5	37.9	0.61	507	4.53	0.10	10.5	2.3	440
M357839		0.46	0.25	0.09	<0.1	<0.005	0.02	0.6	1.0	12.30	200	0.16	<0.01	0.3	2.8	200
M357840		1.77	17.90	0.15	1.8	0.025	2.82	19.2	45.0	0.58	480	1.25	0.06	10.2	2.4	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215626

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357805		8.0	186.0	<0.002	1.01	10.45	9.0	1	2.4	124.0	0.53	<0.05	8.4	0.190	4.25	8.4
M357806		6.4	189.5	<0.002	0.17	5.02	11.5	1	2.1	131.0	0.62	<0.05	14.3	0.220	2.90	4.4
M357807		2800	168.5	0.002	4.68	90.4	8.6	1	8.1	96.4	0.50	0.47	10.4	0.173	2.47	5.3
M357808		753	184.0	<0.002	0.97	9.64	10.3	1	3.1	70.3	0.61	0.05	13.9	0.211	2.82	6.1
M357809		118.0	197.0	0.002	0.62	8.35	10.0	1	2.4	126.0	0.60	0.05	13.5	0.209	2.79	27.7
M357810		14.0	152.0	<0.002	0.47	5.41	10.3	1	2.3	152.0	0.63	<0.05	13.8	0.213	2.24	8.0
M357811		1170	179.5	<0.002	1.93	11.45	9.2	1	5.6	45.3	0.59	<0.05	12.8	0.197	2.88	3.5
M357812		556	200	<0.002	2.30	20.3	11.5	1	3.6	73.9	0.70	<0.05	14.3	0.234	3.08	3.8
M357813		2.5	2.2	<0.002	0.01	<0.05	0.2	1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M357814		215	188.5	<0.002	0.67	7.93	10.2	1	2.3	75.3	0.65	<0.05	14.1	0.217	2.98	3.8
M357815		151.5	162.5	<0.002	0.45	7.60	11.7	1	2.3	192.5	0.66	<0.05	13.1	0.253	2.47	3.6
M357816		76.6	185.0	<0.002	0.98	7.96	10.8	1	2.3	160.5	0.61	<0.05	13.6	0.250	2.83	4.1
M357817		121.0	165.5	<0.002	0.45	7.59	10.9	1	2.6	161.5	0.64	<0.05	11.2	0.257	2.94	4.3
M357818		120.5	177.5	<0.002	0.44	7.59	11.4	1	2.7	161.5	0.63	<0.05	11.6	0.256	2.93	4.3
M357819		24.0	192.5	<0.002	0.71	7.56	11.7	1	4.7	132.5	0.62	<0.05	12.3	0.244	2.90	3.5
M357820		18.7	174.5	<0.002	0.56	6.82	12.1	1	2.6	173.5	0.61	<0.05	10.7	0.258	2.80	4.4
M357821		6.1	196.5	<0.002	0.31	6.55	11.7	1	2.3	151.5	0.64	<0.05	13.3	0.242	2.80	5.9
M357822		25.7	186.0	<0.002	1.90	16.85	10.5	1	2.9	151.0	0.55	<0.05	11.2	0.211	2.51	4.0
M357823		42.0	147.0	<0.002	0.29	11.05	10.0	1	2.9	205	0.72	<0.05	12.8	0.214	2.31	4.3
M357824		26.8	128.5	<0.002	0.21	4.04	4.7	1	1.8	245	1.12	<0.05	13.2	0.123	1.72	9.7
M357825		1345	163.0	<0.002	3.02	35.1	9.7	1	6.0	154.0	0.66	0.32	11.7	0.202	2.64	5.3
M357826		37.1	145.5	<0.002	0.10	5.36	3.6	1	2.1	260	1.46	<0.05	15.3	0.093	2.09	11.0
M357827		21.9	109.0	<0.002	0.21	7.63	8.4	1	1.3	837	0.80	<0.05	9.7	0.293	3.17	4.8
M357828		20.1	112.0	<0.002	0.17	5.80	7.4	1	1.4	582	0.81	<0.05	11.3	0.243	2.73	5.5
M357829		26.8	102.5	<0.002	0.22	6.49	6.6	1	1.3	477	0.82	<0.05	10.3	0.223	2.73	5.7
M357830		18.9	85.6	<0.002	0.07	8.72	6.6	1	1.4	631	0.82	<0.05	9.4	0.221	1.69	4.0
M357831		20.6	93.2	<0.002	0.07	8.65	6.8	1	1.7	625	0.79	<0.05	10.4	0.225	1.69	4.2
M357832		18.4	88.3	<0.002	0.10	7.70	5.9	1	1.3	503	0.81	<0.05	9.1	0.208	1.92	4.7
M357833		19.1	97.9	<0.002	0.05	6.07	6.3	1	1.3	606	0.75	<0.05	9.4	0.220	1.51	4.5
M357834		21.5	96.7	<0.002	0.13	10.45	7.5	1	1.3	696	0.78	<0.05	10.0	0.261	1.66	4.4
M357835		47.7	134.0	<0.002	0.11	6.79	4.0	1	2.1	344	1.23	<0.05	13.6	0.123	1.97	9.9
M357836		36.1	116.0	<0.002	0.10	5.60	3.7	1	1.5	299	1.23	<0.05	12.5	0.102	1.73	7.7
M357837		21.0	93.0	<0.002	0.04	3.65	3.6	1	1.7	540	0.95	<0.05	8.9	0.122	1.58	5.8
M357838		30.2	93.2	<0.002	0.07	5.43	4.9	1	2.2	662	0.92	<0.05	9.2	0.172	1.60	6.8
M357839		1.3	1.1	<0.002	0.01	0.05	0.2	1	<0.2	52.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357840		17.5	101.0	<0.002	0.03	4.91	5.3	1	2.5	539	0.85	<0.05	8.3	0.192	1.76	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215626

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357805		87	3.9	14.4	88	20.2	<1
M357806		64	3.0	16.4	77	20.6	<1
M357807		58	5.4	11.1	5550	27.5	25
M357808		59	3.6	13.1	2020	22.0	2
M357809		79	4.6	17.0	467	27.8	1
M357810		62	4.0	14.6	135	25.0	<1
M357811		55	7.8	10.5	3970	22.1	4
M357812		69	8.7	13.7	1340	25.6	3
M357813		2	0.1	0.9	18	<0.5	1
M357814		67	4.4	14.2	684	21.9	1
M357815		76	3.7	15.5	606	23.4	1
M357816		70	4.1	14.4	214	23.7	<1
M357817		74	3.0	14.1	243	26.4	<1
M357818		72	2.9	14.7	245	26.8	1
M357819		72	2.5	14.4	98	25.0	<1
M357820		74	2.9	13.8	78	27.9	<1
M357821		67	2.9	13.6	56	24.2	<1
M357822		63	3.3	12.4	266	20.8	1
M357823		60	2.4	14.3	65	28.7	<1
M357824		24	2.4	13.1	48	55.4	<1
M357825		59	5.5	12.3	3090	39.6	9
M357826		17	1.8	15.3	47	73.6	<1
M357827		68	1.6	13.7	67	116.5	<1
M357828		56	1.5	13.3	62	67.5	<1
M357829		50	1.6	11.7	70	55.0	<1
M357830		50	1.6	11.9	60	53.0	<1
M357831		51	1.6	12.2	61	54.0	<1
M357832		47	1.4	11.1	56	48.8	<1
M357833		50	1.4	11.3	57	55.9	<1
M357834		61	1.8	12.9	62	92.1	<1
M357835		24	2.0	14.1	49	74.1	<1
M357836		18	2.2	13.4	36	63.7	<1
M357837		22	1.2	9.7	38	56.4	<1
M357838		35	1.6	11.3	54	52.6	<1
M357839		2	0.1	0.9	16	<0.5	<1
M357840		39	1.4	10.8	51	49.0	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12215626

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215627

Project: Klaza-129

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

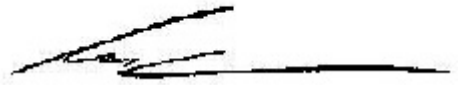
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12215627

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357873		6.66	0.032	0.56	7.27	20.3	1790	1.55	1.01	1.40	0.98	54.1	8.9	20	5.61	33.2
M357874		11.68	0.027	0.56	7.54	32.9	1540	1.79	0.79	0.91	2.25	63.0	8.1	16	13.20	21.5
M357875		8.36	<0.005	0.22	7.56	16.1	1560	1.90	0.48	0.39	2.26	71.6	4.8	9	23.1	6.1
M357876		9.00	<0.005	0.06	5.46	9.4	1740	1.96	0.16	3.05	0.14	50.5	4.4	7	22.5	7.1
M357877		2.45	<0.005	0.21	6.83	16.6	1440	1.83	0.21	2.76	0.19	56.0	4.8	10	25.3	7.3
M357878		0.22	0.862	8.82	6.44	1640	1510	1.33	6.06	1.78	40.8	41.5	15.4	18	15.10	103.0
M357879		3.51	<0.005	0.06	6.79	10.0	2260	1.54	0.12	2.86	0.20	55.7	4.2	9	21.5	3.9
M357880		3.10	0.005	0.11	6.35	10.8	1430	1.56	0.13	2.70	0.47	51.6	4.1	9	21.9	47.2
M357881		2.35	0.106	2.16	7.88	126.5	1280	1.77	1.39	0.55	8.38	53.9	5.7	11	18.65	15.7
M357882		2.38	0.117	3.18	8.00	178.0	1330	1.63	1.61	0.94	16.40	54.5	5.2	7	18.65	17.0
M357883		3.07	<0.005	0.17	6.86	17.5	1960	1.53	0.26	3.13	0.93	42.2	6.1	8	14.50	4.2
M357884		3.51	<0.005	0.03	0.07	<5	250	0.07	0.03	20.6	0.09	1.28	0.7	<1	0.23	1.8
M357885		6.89	<0.005	0.14	6.86	10.6	2040	1.47	0.40	2.71	0.27	39.7	12.6	10	12.10	4.2
M357886		4.82	<0.005	0.20	6.58	15.6	1600	1.19	0.36	2.68	0.32	36.2	17.9	9	13.30	4.0
M357887		4.68	<0.005	0.44	7.56	12.5	1900	1.53	0.91	2.03	0.99	49.4	6.9	10	12.20	7.7
M357888		2.62	0.034	1.34	7.11	53.4	2170	1.63	2.45	2.01	1.49	57.0	9.1	9	12.50	15.3
M357889		3.57	<0.005	0.02	0.07	<5	30	0.06	0.03	20.6	0.07	1.17	0.7	<1	0.34	4.0
M357890		2.17	0.378	3.31	7.26	318	1190	1.45	2.67	2.14	9.81	51.3	8.1	7	16.80	47.9
M357891		3.57	<0.005	0.25	7.05	23.8	1200	1.68	0.35	3.00	0.28	47.7	5.6	10	17.95	9.1
M357892		5.89	<0.005	0.26	7.33	20.3	2050	2.00	0.14	2.38	0.23	68.5	5.7	18	22.0	11.8
M357893		0.22	0.785	10.40	6.60	1690	1250	1.54	6.72	1.85	46.3	51.6	18.2	19	17.45	115.5
M357894		7.61	<0.005	0.07	7.19	12.4	1910	1.91	0.04	2.59	0.16	64.9	4.1	9	18.15	4.9
M357895		3.47	<0.005	0.09	6.83	12.8	3820	1.58	0.05	2.18	0.12	58.3	3.8	8	19.65	5.7
M357896		2.26	0.069	0.93	7.17	60.0	1710	1.75	0.59	2.12	0.36	63.0	6.3	9	21.0	19.9
M357897		3.88	<0.005	0.04	6.62	13.3	1130	1.90	0.07	2.71	0.24	50.1	4.2	10	19.85	2.2
M357898		1.34	<0.005	0.03	7.28	14.1	1200	1.96	0.08	2.86	0.27	61.1	4.6	11	21.1	4.7
M357899		4.71	<0.005	0.11	6.60	16.4	2460	2.17	0.06	3.17	0.15	60.4	5.0	9	19.30	3.9
M357900		7.43	<0.005	0.03	7.20	15.1	2440	1.91	0.03	2.45	0.13	64.6	4.8	8	18.80	4.1
M357901		7.46	<0.005	0.09	7.74	12.3	2650	1.91	0.04	1.74	0.13	77.5	5.0	11	19.60	3.4
M357902		7.17	<0.005	0.07	7.63	12.9	1520	2.14	0.05	2.28	0.13	76.9	4.4	11	21.7	2.5
N812734		6.62	<0.005	0.18	7.46	23.3	1530	1.53	0.28	1.62	0.23	67.7	4.9	11	15.55	6.8
M357903		<0.02	<0.005	0.20	7.53	23.0	1490	1.57	0.25	1.60	0.21	79.4	4.9	11	16.00	7.5
M357904		3.30	0.870	1.70	6.80	1435	1220	1.47	1.62	2.79	1.04	43.6	6.3	8	15.40	128.5
M357905		2.42	3.97	3.79	7.19	8890	1840	1.39	3.40	2.51	1.53	49.9	7.3	10	9.86	339
M357906		3.58	0.353	0.61	7.10	837	2050	1.39	0.71	2.85	0.47	47.7	5.7	11	7.36	26.1
M357907		4.16	0.177	0.93	6.83	191.0	1980	1.57	0.41	2.45	2.27	48.8	7.5	11	6.08	16.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12215627

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357873		3.04	16.10	0.18	1.5	0.084	2.36	26.4	14.9	0.54	493	1.95	1.71	8.7	12.2	760
M357874		3.13	18.10	0.18	1.9	0.081	2.45	32.4	43.5	0.38	1060	3.44	0.99	9.7	9.4	820
M357875		2.43	19.85	0.21	2.4	0.032	2.24	34.6	224	0.16	670	3.55	0.23	11.4	4.7	1010
M357876		2.06	18.35	0.21	2.1	0.037	2.33	24.0	172.5	0.23	462	0.85	0.11	10.8	3.5	850
M357877		2.22	18.25	0.24	2.4	0.035	2.82	26.7	37.5	0.57	499	0.77	0.33	10.8	4.7	930
M357878		5.07	13.70	0.17	1.4	0.847	2.78	20.7	23.0	0.66	1840	11.20	0.25	6.7	14.7	470
M357879		2.18	17.30	0.20	2.5	0.030	2.98	25.9	25.6	0.67	488	0.66	0.06	10.5	3.5	980
M357880		2.04	15.65	0.21	2.4	0.025	2.64	24.6	29.3	0.74	643	1.02	0.06	9.4	3.4	860
M357881		4.59	18.00	0.19	1.2	0.474	3.36	28.7	21.7	0.28	3030	2.10	0.03	7.9	3.2	690
M357882		4.91	18.10	0.20	1.2	0.679	3.20	29.0	75.0	0.30	1960	1.12	0.16	8.2	2.8	680
M357883		3.07	16.80	0.21	1.2	0.066	2.58	19.6	35.9	0.74	748	0.48	1.68	8.0	3.1	610
M357884		0.48	0.24	0.19	<0.1	0.006	0.03	0.6	1.3	12.35	210	0.10	0.01	0.2	1.5	170
M357885		2.96	15.45	0.25	1.0	0.053	2.49	20.0	34.5	0.71	652	0.47	1.80	7.5	2.8	610
M357886		2.59	14.35	0.20	1.0	0.046	2.48	16.6	55.0	0.57	650	1.32	1.21	6.9	3.6	610
M357887		2.25	16.35	0.20	1.1	0.070	3.08	23.9	19.1	0.54	594	0.94	0.86	7.8	2.9	660
M357888		4.28	14.25	0.17	1.0	0.275	3.39	31.5	10.4	0.89	2000	2.20	0.05	5.6	3.1	580
M357889		0.47	0.22	0.17	<0.1	0.006	0.03	0.6	1.2	12.20	206	0.35	0.01	0.2	1.4	180
M357890		4.79	14.95	0.23	1.1	0.217	3.12	27.3	13.3	0.81	1420	21.9	0.06	6.9	3.3	570
M357891		2.48	17.00	0.21	2.4	0.034	2.56	22.2	127.0	0.71	603	1.47	0.12	9.7	4.1	880
M357892		2.40	19.50	0.24	3.1	0.031	2.76	31.9	95.3	0.75	515	2.50	0.11	11.9	7.9	1000
M357893		5.17	16.30	0.23	1.5	1.010	2.86	25.8	26.6	0.68	1910	13.30	0.26	7.9	17.9	490
M357894		2.22	18.90	0.20	2.4	0.033	2.85	31.1	113.0	0.74	456	0.59	0.12	11.1	3.6	980
M357895		1.97	16.25	0.19	2.1	0.024	2.65	27.2	75.7	0.68	438	0.82	0.11	9.6	2.9	890
M357896		3.25	17.70	0.21	2.3	0.077	2.78	32.1	40.3	0.82	576	4.77	0.08	9.6	4.7	810
M357897		2.26	16.60	0.18	2.9	0.024	2.48	23.9	79.7	0.71	492	0.76	0.08	10.2	4.0	950
M357898		2.44	17.65	0.24	3.1	0.027	2.62	29.0	80.8	0.80	534	0.84	0.09	10.5	4.5	1020
M357899		2.21	19.05	0.22	2.6	0.043	2.63	28.6	90.9	0.78	527	1.45	0.08	12.0	4.2	950
M357900		2.40	20.4	0.22	2.4	0.051	2.83	31.4	153.5	0.70	480	0.55	0.11	11.9	4.0	990
M357901		2.42	19.95	0.23	2.9	0.035	2.83	36.2	186.5	0.66	518	1.06	0.14	12.2	4.3	1020
M357902		2.36	19.70	0.23	3.1	0.039	2.82	39.4	113.5	0.78	549	1.01	0.12	11.9	4.2	1020
N812734		2.34	18.40	0.20	3.4	0.031	2.92	34.4	39.9	0.64	560	1.22	0.11	11.1	4.8	1000
M357903		2.29	18.50	0.25	3.1	0.018	2.84	40.3	40.4	0.65	548	1.28	0.10	11.2	4.7	970
M357904		3.50	15.90	0.18	1.2	0.131	2.70	21.9	47.2	0.90	965	0.67	0.59	7.4	3.1	600
M357905		4.14	17.85	0.20	1.2	0.163	2.69	24.5	21.2	0.76	603	0.55	1.71	7.6	2.9	580
M357906		3.13	15.70	0.21	1.2	0.055	2.74	22.7	17.4	0.81	654	1.33	1.96	7.3	2.5	590
M357907		2.98	17.10	0.23	1.4	0.095	2.63	22.6	15.8	0.77	581	1.14	2.10	8.7	2.9	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12215627

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357873		51.8	122.5	0.003	0.01	3.48	10.9	1	1.7	289	0.77	0.19	12.9	0.284	1.32	3.0
M357874		45.2	120.0	0.003	<0.01	4.14	9.6	1	1.7	195.5	0.72	0.05	12.2	0.285	1.47	3.8
M357875		14.6	105.0	0.002	0.02	3.44	6.1	1	1.6	129.0	0.80	<0.05	11.6	0.266	1.30	4.4
M357876		14.7	97.5	0.002	0.03	3.18	4.4	1	2.1	185.5	0.78	<0.05	8.3	0.253	1.30	2.9
M357877		16.2	104.0	<0.002	0.02	2.61	5.7	1	1.9	339	0.74	<0.05	9.3	0.275	1.53	3.3
M357878		1310	157.5	0.003	2.94	30.1	8.2	1	5.2	139.5	0.56	0.26	11.5	0.197	2.46	4.8
M357879		15.2	103.5	0.002	0.04	2.15	4.8	1	1.6	387	0.69	<0.05	8.8	0.264	1.48	3.1
M357880		19.7	87.6	0.004	0.03	2.88	4.9	1	2.0	336	0.65	<0.05	8.4	0.243	1.41	3.1
M357881		254	230	0.002	0.27	10.35	12.9	2	3.5	63.3	0.63	0.11	15.1	0.263	3.67	4.9
M357882		777	205	0.004	0.17	7.31	12.9	1	5.8	95.9	0.65	0.11	14.3	0.274	2.93	3.5
M357883		23.2	112.5	0.002	0.04	2.85	10.8	1	2.0	332	0.68	<0.05	11.5	0.254	1.50	2.5
M357884		2.8	1.7	<0.002	0.01	0.35	0.2	<1	0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357885		18.0	108.0	<0.002	0.21	2.39	10.2	1	1.9	354	0.58	0.08	10.3	0.251	1.38	2.4
M357886		23.3	104.5	0.003	0.23	3.26	9.4	1	1.7	283	0.56	<0.05	9.3	0.249	1.59	2.5
M357887		45.2	179.0	0.002	0.16	7.83	11.4	1	2.0	219	0.63	<0.05	13.6	0.258	2.31	3.1
M357888		104.5	256	0.002	0.77	6.90	10.7	1	2.7	101.0	0.51	0.15	14.3	0.209	3.28	4.3
M357889		1.6	2.4	0.003	<0.01	0.10	0.2	1	0.2	43.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357890		458	195.0	0.006	1.88	9.60	10.6	1	4.7	144.5	0.58	0.32	12.6	0.239	2.50	15.0
M357891		22.7	80.2	0.003	0.05	4.53	7.6	1	2.5	281	0.68	<0.05	9.7	0.282	1.52	5.4
M357892		22.2	92.5	0.004	0.06	4.70	6.0	1	1.8	263	0.85	<0.05	10.7	0.274	1.60	6.2
M357893		1320	171.5	0.004	3.01	35.0	9.7	2	6.3	150.5	0.64	0.28	13.2	0.203	2.69	5.5
M357894		14.4	102.0	0.002	0.04	2.84	5.4	1	1.8	302	0.78	0.05	10.2	0.270	1.67	3.5
M357895		13.8	98.5	0.004	0.10	2.94	4.7	1	1.6	247	0.67	<0.05	9.6	0.245	1.50	4.9
M357896		101.5	136.5	0.002	0.94	5.05	7.7	1	5.0	290	0.68	<0.05	10.8	0.246	1.91	6.6
M357897		19.6	74.0	0.005	0.02	5.15	4.6	1	1.5	319	0.74	<0.05	8.9	0.259	1.31	4.0
M357898		22.3	83.0	0.002	0.02	5.77	5.1	1	1.7	345	0.76	<0.05	10.0	0.275	1.36	4.6
M357899		20.7	83.5	0.003	0.06	3.53	5.3	1	1.6	373	0.74	<0.05	8.9	0.263	1.46	6.6
M357900		20.2	103.5	<0.002	0.04	2.24	5.6	1	1.8	293	0.78	<0.05	10.0	0.267	1.55	4.3
M357901		17.8	105.5	0.003	0.09	2.26	5.9	<1	2.0	242	0.81	<0.05	11.5	0.284	1.64	5.7
M357902		22.4	110.5	0.002	0.06	3.29	5.9	1	1.6	244	0.78	<0.05	12.3	0.276	1.65	5.8
N812734		12.9	108.0	<0.002	0.12	3.74	5.6	1	1.8	163.5	0.77	<0.05	11.1	0.274	1.54	5.3
M357903		12.3	123.0	<0.002	0.11	3.81	5.8	1	2.1	165.0	0.72	<0.05	11.7	0.270	1.50	5.5
M357904		198.0	130.0	0.003	0.92	13.80	9.6	1	4.0	248	0.55	<0.05	11.1	0.233	1.68	5.4
M357905		80.0	131.0	0.002	1.50	29.8	11.1	1	6.7	356	0.64	<0.05	13.4	0.251	1.29	3.5
M357906		46.5	115.0	0.004	0.42	4.71	10.3	<1	3.2	373	0.61	<0.05	12.4	0.253	1.24	3.6
M357907		131.5	106.0	0.002	0.26	4.57	11.2	1	2.3	351	0.78	<0.05	14.0	0.244	1.17	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12215627

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357873		74	3.5	18.3	113	32.2
M357874		67	4.3	15.9	137	47.9
M357875		44	2.6	13.1	138	66.2
M357876		40	0.9	10.0	62	53.1
M357877		49	2.4	11.8	62	76.5
M357878		54	4.8	11.2	2770	34.8
M357879		44	1.1	11.2	65	73.1
M357880		42	1.6	11.3	144	72.6
M357881		78	5.4	15.8	753	28.8
M357882		77	4.2	14.2	1400	28.9
M357883		72	1.1	17.3	125	29.6
M357884		3	0.1	0.9	18	<0.5
M357885		73	1.8	14.9	68	22.8
M357886		72	1.9	12.6	76	21.7
M357887		75	4.0	14.9	117	25.2
M357888		71	4.5	13.5	203	21.9
M357889		3	0.1	0.8	14	<0.5
M357890		70	3.4	14.4	529	25.7
M357891		60	2.0	12.7	79	74.7
M357892		45	1.6	13.3	70	99.3
M357893		56	5.4	13.2	2890	41.2
M357894		43	1.5	12.8	64	69.4
M357895		40	1.4	11.2	54	57.5
M357896		52	2.4	13.8	66	75.7
M357897		44	1.5	10.8	68	94.3
M357898		47	1.5	12.4	77	100.5
M357899		43	1.1	12.7	70	85.0
M357900		43	1.1	13.3	73	67.7
M357901		46	1.2	14.4	67	90.4
M357902		45	1.3	14.9	61	95.7
N812734		45	2.6	13.9	70	108.0
M357903		43	2.4	14.7	70	108.0
M357904		64	2.8	15.0	125	32.7
M357905		69	3.5	16.7	86	24.1
M357906		70	1.8	16.3	51	23.6
M357907		70	1.5	17.9	107	28.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12215627

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12215628

Project: Klaza-126

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

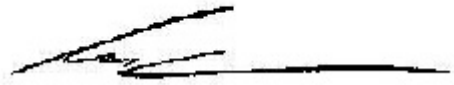
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215628

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359771		5.81	0.020	0.27	7.07	8.0	2770	1.25	0.58	2.42	0.55	51.1	7.2	9	11.25	62.3
M359772		2.82	0.430	0.75	6.90	44.8	720	1.29	1.84	1.55	0.46	48.5	8.3	8	14.30	130.5
M359773		4.27	4.40	4.06	7.00	55.9	270	1.37	20.9	1.72	0.45	47.6	14.1	8	14.45	691
M359774		3.29	0.023	0.54	7.00	5.9	1010	1.36	1.00	2.40	0.33	52.7	8.6	9	10.95	173.5
M359775		<0.02	0.025	0.62	7.21	5.7	1040	1.32	1.13	2.49	0.37	49.3	8.4	9	10.85	206
M359776		3.85	0.009	0.33	6.73	8.0	1580	1.42	0.73	2.33	0.29	44.8	8.4	9	18.15	34.4
M359777		2.52	0.008	0.35	7.10	8.8	1020	1.32	0.82	2.49	0.29	47.3	10.2	8	12.70	59.9
M359778		0.26	2.24	26.7	6.06	3490	1110	1.24	20.3	2.32	80.7	47.4	11.2	19	16.15	454
M359779		2.85	0.011	0.31	7.29	6.0	2580	1.38	0.57	2.54	0.40	50.7	9.1	8	12.55	53.5
M359780		2.49	0.016	0.46	7.19	20.8	1220	1.37	0.88	2.90	0.32	49.1	10.9	9	21.0	57.5
M359781		2.66	0.025	0.46	7.71	14.2	1110	1.82	0.70	1.33	5.41	43.7	17.8	7	14.65	150.0
M359782		2.73	0.035	0.53	7.29	20.8	970	1.27	1.92	1.34	1.35	55.1	11.7	7	13.10	77.4
M359783		4.10	0.075	1.07	6.72	48.4	510	0.96	3.70	0.30	0.95	54.2	15.0	9	4.71	107.5
M359784		5.59	2.06	23.9	6.67	987	190	0.68	51.9	0.31	4.23	22.4	11.6	9	4.53	1920
M359785		2.73	<0.005	0.06	0.06	<5	20	<0.05	0.08	20.7	0.07	1.20	1.6	<1	0.11	6.9
M359786		2.96	0.117	1.06	7.50	105.5	700	1.01	3.63	1.18	1.26	58.7	12.2	8	9.29	78.8
M359787		5.07	0.035	0.79	7.07	31.8	640	1.02	2.62	0.68	1.79	46.5	15.6	8	6.37	197.5
M359788		3.22	0.347	1.74	6.95	134.0	230	1.20	3.21	0.96	3.49	38.4	24.2	7	12.30	33.9
M359789		2.14	0.048	0.55	7.08	13.3	1070	1.00	2.41	0.62	0.32	49.9	10.6	8	8.18	16.7
M359790		2.74	<0.005	<0.01	0.06	<5	20	0.05	0.02	20.7	0.06	1.30	1.6	<1	0.13	1.9
M359791		2.92	0.037	0.55	7.38	33.3	750	1.30	1.72	1.68	0.51	54.1	10.3	8	15.10	52.7
M359792		2.62	0.030	0.83	7.27	29.5	410	1.38	2.64	2.10	0.46	49.2	10.7	9	15.65	137.0
M359793		3.87	0.022	0.56	7.37	16.2	950	1.42	1.44	2.23	0.65	53.3	6.7	7	17.90	82.4
M359794		2.56	0.025	0.58	7.35	13.4	1600	1.49	1.19	2.01	0.40	53.0	6.9	8	16.90	164.5
M359795		5.02	0.039	0.56	7.13	23.8	840	1.28	2.29	1.68	0.73	59.9	8.7	7	13.75	67.9
M359796		2.37	0.021	0.35	7.13	14.9	630	1.47	1.22	2.16	0.21	55.5	6.9	8	16.85	47.7
M359797		3.00	0.166	0.32	7.47	6.0	1270	1.45	0.78	2.21	0.41	54.6	7.2	8	13.25	50.5
M359798		2.45	0.039	0.69	7.75	14.3	480	1.25	2.24	2.04	0.28	51.9	7.8	7	12.55	164.5
M359799		4.91	0.341	0.55	7.17	12.7	460	1.22	2.01	2.13	0.22	49.5	4.5	8	13.20	107.0
M359800		2.69	0.023	0.36	7.50	6.2	2790	1.42	0.79	2.49	0.39	58.5	4.9	8	12.70	62.0
M359801		1.04	0.025	0.41	6.91	8.2	1830	1.44	0.80	2.35	0.37	51.8	5.8	8	12.30	75.7
M359802		3.52	0.032	0.50	7.24	14.7	520	1.13	1.12	1.78	0.95	45.7	16.6	8	12.30	32.8
M359803		0.26	2.29	25.0	5.81	3250	1150	1.21	18.75	2.18	78.2	48.2	10.6	18	15.25	429
M359804		4.32	0.091	0.57	7.63	22.9	720	1.26	1.57	2.10	0.89	68.5	19.9	8	15.75	62.9
M359805		4.01	0.072	0.76	7.16	24.8	590	1.14	2.23	1.48	0.59	55.2	12.0	8	12.30	95.6
M359806		3.54	0.096	0.52	7.68	24.8	740	1.41	1.25	2.10	1.30	59.4	9.9	8	15.45	116.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215628

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359771		3.10	15.25	0.13	1.0	0.056	2.52	27.9	17.4	0.77	394	1.16	1.58	7.7	2.9	550
M359772		4.56	14.25	0.16	0.9	0.159	2.97	26.5	22.8	0.73	841	6.89	0.06	5.8	2.6	510
M359773		5.56	15.30	0.19	1.0	0.238	3.06	25.6	11.5	0.63	499	2.94	0.45	6.1	2.7	520
M359774		3.16	15.35	0.13	1.0	0.069	2.59	28.3	11.8	0.69	375	2.35	1.67	7.0	2.6	510
M359775		3.30	15.70	0.12	0.9	0.075	2.72	25.8	11.8	0.70	387	4.19	1.75	7.0	2.8	540
M359776		3.35	14.35	0.12	1.0	0.068	2.76	24.3	15.7	0.69	449	2.53	1.21	7.3	2.5	520
M359777		3.67	14.85	0.13	0.9	0.078	2.80	25.3	11.7	0.64	447	2.34	1.59	6.8	2.6	530
M359778		6.83	14.50	0.21	1.0	1.930	2.75	26.3	22.7	0.92	1960	14.05	0.04	6.4	16.7	450
M359779		3.31	15.35	0.14	1.0	0.065	2.75	26.8	11.9	0.73	475	1.95	1.79	7.4	2.6	550
M359780		4.04	15.55	0.13	1.0	0.079	3.06	26.5	14.9	1.00	588	2.66	0.69	7.6	3.4	580
M359781		5.49	16.20	0.19	1.0	0.078	3.28	21.8	45.8	0.62	1370	2.22	0.11	6.8	3.8	590
M359782		6.55	13.60	0.22	1.0	0.203	3.41	29.8	14.8	0.71	860	4.65	0.06	4.6	3.0	530
M359783		7.69	12.50	0.25	0.9	0.146	3.18	28.1	8.6	0.41	262	20.1	0.06	2.6	3.1	520
M359784		17.00	18.65	0.46	0.8	0.710	3.29	9.5	6.5	0.36	186	2.71	0.07	2.9	3.3	490
M359785		0.48	0.28	<0.05	<0.1	0.005	0.02	0.6	0.8	12.40	191	0.24	<0.01	0.3	4.3	180
M359786		4.59	15.05	0.17	0.9	0.096	3.57	30.9	8.3	0.65	541	1.02	0.07	4.1	3.3	570
M359787		6.90	11.60	0.22	0.8	0.136	3.28	25.3	8.1	0.45	505	4.50	0.07	3.2	3.4	520
M359788		11.40	13.70	0.34	0.9	0.125	3.15	19.4	9.9	0.49	1580	4.59	0.05	4.8	4.6	480
M359789		7.26	12.40	0.22	0.9	0.147	3.38	26.4	7.7	0.48	579	3.72	0.07	4.9	2.8	520
M359790		0.48	0.29	<0.05	<0.1	<0.005	0.03	0.6	0.8	12.30	204	0.54	<0.01	0.3	5.0	160
M359791		5.45	15.10	0.18	0.8	0.238	3.63	27.8	9.5	0.86	1520	1.47	0.06	5.6	2.6	540
M359792		4.44	15.05	0.15	0.9	0.210	3.79	25.2	18.3	0.76	711	2.22	0.17	5.8	2.8	580
M359793		4.03	15.00	0.14	1.1	0.145	3.43	28.0	14.9	0.80	694	2.04	0.33	6.8	2.6	520
M359794		3.67	15.65	0.14	0.9	0.133	3.50	27.4	40.0	0.71	465	2.38	0.30	6.7	2.6	560
M359795		4.52	13.45	0.16	1.1	0.162	3.38	31.3	11.7	0.78	489	3.40	0.06	4.8	2.1	470
M359796		4.16	15.00	0.15	1.1	0.152	3.27	29.2	23.1	0.75	478	2.14	0.42	6.4	2.7	510
M359797		3.09	15.20	0.12	1.1	0.052	3.16	29.6	12.7	0.68	329	1.53	1.75	6.4	2.4	540
M359798		4.03	15.35	0.12	0.8	0.102	3.44	27.2	14.2	0.82	378	3.06	0.70	4.4	2.5	560
M359799		4.19	14.55	0.13	0.9	0.142	2.99	25.7	12.7	0.77	416	1.48	0.97	5.0	2.4	570
M359800		2.99	15.65	0.11	0.9	0.060	2.52	30.3	17.4	0.75	372	1.05	1.75	6.9	2.4	610
M359801		2.90	15.80	0.12	0.9	0.060	2.43	27.3	25.0	0.72	367	1.22	1.61	7.1	2.6	600
M359802		4.08	13.75	0.13	0.6	0.061	2.95	24.1	11.2	0.79	255	3.39	0.76	3.2	3.0	570
M359803		6.54	14.10	0.18	1.0	1.870	2.59	25.9	21.6	0.88	1850	14.25	0.04	6.2	15.6	430
M359804		3.72	14.75	0.12	0.7	0.063	3.04	35.5	16.9	0.95	391	5.88	0.14	3.3	3.1	620
M359805		5.18	14.10	0.18	0.7	0.107	3.19	31.1	13.6	0.73	602	3.91	0.07	3.4	2.8	530
M359806		3.51	15.65	0.13	0.8	0.115	3.32	32.0	14.9	0.88	596	2.59	0.06	4.4	3.0	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215628

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359771		32.9	94.5	<0.002	0.89	2.04	10.4	2	2.9	338	0.57	0.08	16.7	0.239	1.32	4.3
M359772		21.7	143.5	<0.002	2.59	32.9	9.8	2	7.3	57.3	0.45	0.29	15.9	0.191	2.10	4.6
M359773		27.5	138.0	<0.002	4.12	9.01	10.0	3	7.0	127.0	0.50	0.52	16.4	0.188	2.02	6.1
M359774		29.9	95.9	<0.002	1.47	0.71	9.9	2	2.9	414	0.56	0.12	14.7	0.218	1.35	4.2
M359775		30.9	91.9	<0.002	1.52	0.68	9.9	2	2.9	433	0.56	0.12	14.1	0.223	1.39	4.0
M359776		26.0	99.9	<0.002	1.36	2.30	9.8	2	3.2	271	0.62	0.08	14.0	0.228	1.49	4.2
M359777		25.0	99.6	<0.002	1.77	0.72	9.6	2	3.8	340	0.55	0.12	13.7	0.229	1.57	3.8
M359778		2890	168.5	0.002	4.86	89.5	8.7	2	8.6	97.6	0.49	0.48	14.0	0.188	2.58	6.0
M359779		33.3	96.3	<0.002	1.14	0.78	10.0	2	3.3	380	0.60	0.08	15.2	0.237	1.58	4.5
M359780		26.7	106.0	<0.002	1.75	2.66	10.8	2	3.6	240	0.60	0.25	14.7	0.231	2.06	7.4
M359781		34.0	125.0	<0.002	1.96	5.54	10.3	2	3.4	109.0	0.53	0.17	14.1	0.215	2.13	7.8
M359782		24.4	159.5	<0.002	5.25	3.03	10.3	4	8.2	64.6	0.38	0.31	16.3	0.154	2.32	5.7
M359783		54.1	154.0	<0.002	7.73	3.14	9.9	5	14.7	15.6	0.22	0.42	15.9	0.104	1.85	4.7
M359784		430	157.0	<0.002	>10.0	101.5	9.2	7	29.9	12.7	0.24	1.53	12.9	0.108	1.81	3.6
M359785		2.0	1.2	<0.002	0.02	0.34	0.2	2	0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M359786		56.9	184.0	<0.002	4.31	4.59	10.6	2	9.6	46.9	0.34	0.28	16.6	0.149	2.33	3.6
M359787		28.9	141.0	<0.002	6.91	2.56	9.3	4	12.6	34.5	0.27	0.36	14.1	0.122	1.94	4.5
M359788		64.5	135.0	0.003	>10.0	5.71	9.6	8	15.6	48.2	0.38	0.80	13.3	0.149	2.52	6.1
M359789		27.5	142.5	<0.002	6.64	1.99	10.3	4	11.7	42.5	0.40	0.32	15.2	0.166	2.04	3.5
M359790		1.4	1.4	<0.002	0.01	<0.05	0.2	2	<0.2	54.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359791		24.9	159.0	<0.002	3.59	3.49	10.4	2	6.4	80.6	0.45	0.23	15.4	0.188	3.06	6.4
M359792		29.4	154.0	<0.002	3.07	4.17	10.3	3	5.2	152.0	0.45	0.30	13.5	0.190	2.87	4.8
M359793		27.8	133.5	<0.002	2.10	5.85	9.1	2	4.7	150.0	0.65	0.21	18.7	0.194	2.68	5.2
M359794		23.4	130.0	<0.002	1.72	7.37	10.2	2	3.9	150.5	0.50	0.14	14.5	0.216	2.45	10.4
M359795		27.0	156.0	<0.002	3.63	3.91	8.5	3	6.0	61.1	0.52	0.35	21.1	0.137	2.41	5.1
M359796		20.4	133.0	<0.002	2.73	4.67	10.0	2	4.7	117.5	0.66	0.13	15.5	0.184	2.29	5.3
M359797		34.1	112.5	<0.002	1.46	1.90	9.5	2	3.0	365	0.60	0.18	15.2	0.203	1.85	5.3
M359798		26.2	131.0	<0.002	2.91	5.60	9.6	3	4.6	151.0	0.35	0.33	13.8	0.168	2.05	4.7
M359799		24.5	108.0	<0.002	2.65	2.14	9.7	2	5.5	208	0.41	0.30	12.6	0.187	1.94	3.9
M359800		37.3	84.8	<0.002	1.12	1.84	10.8	2	3.6	376	0.52	0.17	13.7	0.237	1.49	4.1
M359801		36.6	80.9	<0.002	1.18	2.33	11.0	2	3.8	352	0.52	0.19	11.8	0.228	1.49	4.1
M359802		66.6	116.5	<0.002	3.63	2.63	9.7	3	5.8	136.0	0.23	0.20	10.4	0.142	1.78	3.0
M359803		2770	157.5	<0.002	4.67	84.6	8.0	2	8.1	94.0	0.47	0.43	13.2	0.178	2.47	5.6
M359804		57.2	126.5	<0.002	3.19	5.91	10.5	3	4.2	57.4	0.25	0.31	13.6	0.148	2.11	2.6
M359805		29.3	137.0	0.002	4.56	8.44	9.9	3	8.2	40.4	0.25	0.43	14.3	0.139	1.85	3.5
M359806		29.8	129.0	0.002	2.36	5.24	11.1	3	5.1	52.1	0.34	0.17	12.7	0.183	2.31	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215628

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359771		64	3.7	13.4	81	24.4	<1
M359772		62	9.9	12.4	93	23.0	1
M359773		62	8.6	13.7	87	22.1	3
M359774		62	5.4	12.5	73	23.2	1
M359775		65	5.4	12.5	77	23.0	<1
M359776		63	5.8	12.9	79	21.8	<1
M359777		65	5.6	12.0	85	21.3	<1
M359778		58	5.9	10.3	5420	24.9	25
M359779		66	3.9	12.9	94	22.9	<1
M359780		68	4.7	13.9	100	23.4	1
M359781		66	4.0	16.1	767	23.4	<1
M359782		64	16.1	12.6	277	22.2	<1
M359783		66	20.0	9.5	94	19.9	1
M359784		66	19.7	7.3	267	18.2	22
M359785		2	0.2	0.8	15	<0.5	<1
M359786		65	19.3	9.4	117	20.5	1
M359787		71	29.6	10.9	236	17.7	1
M359788		67	23.0	14.6	413	21.9	1
M359789		71	29.7	11.4	67	20.9	1
M359790		2	0.2	0.8	16	<0.5	<1
M359791		67	18.3	11.6	110	19.2	<1
M359792		66	13.0	12.1	97	20.7	1
M359793		59	10.4	12.9	134	25.4	<1
M359794		65	7.8	12.1	95	22.1	<1
M359795		54	14.6	11.7	100	24.3	<1
M359796		64	11.2	12.3	78	25.4	<1
M359797		64	2.3	11.8	83	24.1	<1
M359798		66	9.9	11.5	68	20.1	<1
M359799		68	9.9	10.7	78	19.0	<1
M359800		72	3.0	11.9	89	19.2	<1
M359801		71	3.3	11.9	88	19.0	<1
M359802		68	14.2	11.6	111	13.8	<1
M359803		55	5.8	10.2	5120	25.1	26
M359804		68	7.2	12.2	116	16.2	<1
M359805		69	21.4	12.4	157	16.4	<1
M359806		73	8.8	12.1	171	18.7	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12215628

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216600

Project: Klaza-126

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

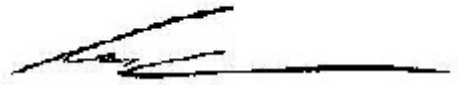
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216600

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359699		3.06	0.733	26.3	5.48	467	500	0.89	38.7	1.73	11.20	25.8	15.9	7	5.50	822
M359700		2.90	0.186	4.69	6.63	164.0	520	0.97	8.91	0.50	1.69	29.1	12.8	7	6.95	82.3
M359701		3.24	0.162	2.10	6.63	108.0	140	1.13	5.45	0.92	2.37	29.2	18.5	7	11.35	17.6
M359702		2.59	0.055	1.07	6.75	42.8	1020	1.14	1.96	1.73	8.24	19.55	5.1	6	8.05	35.4
M359703		3.39	0.030	0.61	7.23	10.6	1060	1.36	1.38	1.47	7.31	24.6	7.5	7	11.40	13.3
M359704		<0.02	0.018	0.60	7.31	10.3	1070	1.32	1.32	1.45	5.59	24.5	7.7	7	11.35	9.6
M359705		2.83	0.033	2.28	7.35	46.5	1560	1.33	6.63	1.57	9.14	30.3	3.4	7	12.30	75.7
M359706		3.78	0.055	1.95	7.65	77.4	820	1.49	2.90	1.67	2.10	60.1	2.5	10	14.30	99.1
M359707		2.87	0.508	9.65	6.40	220	700	1.09	19.90	1.40	3.42	26.2	2.2	8	6.26	127.0
M359708		4.83	0.017	0.34	7.06	51.0	1360	1.67	0.41	3.21	0.15	59.2	7.6	15	13.75	11.2
M359709		4.42	0.135	0.47	7.36	119.5	900	1.73	0.13	3.27	3.50	63.7	6.1	15	12.95	14.4
M359710		0.26	4.38	>100	5.16	7880	1110	1.07	57.8	1.89	210	34.8	8.7	17	12.05	1220
M359711		2.71	0.681	2.24	7.07	281	460	1.61	0.29	2.76	18.90	68.3	6.7	15	16.40	79.0
M359712		2.41	0.249	5.05	7.36	274	520	1.32	7.38	1.05	1.55	62.4	6.1	7	12.25	299
M359713		2.84	0.160	2.94	7.30	157.5	630	1.35	5.40	1.13	1.54	61.7	5.2	7	10.25	67.8
M359714		3.10	0.433	4.54	6.85	357	310	1.41	5.45	1.61	2.76	46.6	5.4	7	12.25	256
M359715		3.34	1.615	>100	2.72	1440	200	0.62	45.0	4.37	8.53	23.2	5.1	5	6.86	>10000
M359716		2.76	<0.005	0.31	0.06	<5	20	0.05	0.13	20.0	0.08	1.39	1.5	<1	0.15	44.1
M359717		3.30	0.187	4.38	6.96	164.5	750	1.07	2.39	2.01	3.38	59.0	5.9	7	6.73	138.5
M359718		3.55	2.40	22.9	2.44	1260	140	0.41	36.6	4.08	11.55	13.20	4.0	5	1.80	898
M359719		2.72	<0.005	0.06	0.06	<5	20	0.07	0.09	21.1	0.09	1.70	1.5	<1	0.12	5.0
M359720		2.67	0.359	9.70	5.88	377	360	0.80	5.33	1.73	75.7	39.8	7.7	7	7.70	477
M359721		2.85	0.180	1.62	6.89	223	550	1.07	1.96	1.42	6.65	63.5	5.6	8	9.56	109.0
M359722		4.87	0.069	0.76	7.10	72.6	930	1.42	1.24	1.86	4.71	53.4	7.9	8	21.2	21.6
M359723		2.65	0.023	0.58	7.22	27.9	2330	1.46	0.73	1.78	3.47	51.4	7.2	7	14.95	49.4
M359724		3.22	0.007	0.41	7.23	11.6	1610	1.24	0.63	1.92	1.54	47.1	6.5	8	14.05	20.3
M359725		5.11	0.032	0.41	7.80	13.7	2040	1.35	0.57	1.15	0.77	53.9	8.8	8	12.80	59.8
M359726		2.12	0.033	0.40	7.76	13.5	1980	1.14	0.58	1.03	0.87	50.9	8.1	7	12.10	64.2
M359727		5.17	0.106	0.94	6.82	51.1	1760	1.19	1.05	1.07	1.40	54.7	8.6	7	22.7	147.5
M359728		2.63	0.102	0.91	6.96	44.6	400	1.19	1.60	1.60	0.87	49.6	6.2	9	12.10	156.5
M359729		3.77	0.011	0.45	7.00	15.3	1390	1.12	1.04	1.57	0.80	41.2	7.1	9	16.15	45.9
M359730		0.26	0.746	9.74	6.49	1740	620	1.45	6.53	1.90	41.1	47.9	16.6	21	17.05	111.5
M359731		4.35	0.039	0.60	7.05	33.2	1690	1.39	0.96	1.79	1.36	52.8	8.2	9	15.60	97.3
M359732		2.99	0.017	0.45	7.25	27.0	1680	1.29	0.72	1.79	1.16	51.5	12.4	8	9.02	78.2
M359733		2.36	0.041	0.95	7.05	36.0	550	1.22	1.11	1.50	1.91	45.6	7.7	7	13.55	138.0
M359734		3.07	0.042	0.47	7.19	18.4	1780	1.38	0.63	1.91	0.43	47.1	6.4	9	20.2	159.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216600

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359699		9.37	14.40	0.22	0.6	1.160	2.72	13.0	5.0	0.84	3010	6.15	0.05	1.7	2.5	410
M359700		7.38	15.95	0.17	0.7	0.326	3.32	13.8	6.3	0.49	516	1.52	0.05	1.7	2.0	490
M359701		8.91	14.30	0.24	0.8	0.226	3.17	13.1	6.7	0.56	717	1.17	0.04	2.4	2.3	490
M359702		4.55	13.80	0.13	0.8	0.363	3.25	8.3	8.4	0.94	1100	4.71	0.05	2.3	1.4	420
M359703		3.53	14.60	0.10	0.8	0.143	3.43	10.9	7.4	0.86	700	0.80	0.05	2.9	1.6	470
M359704		3.52	14.65	0.11	0.8	0.131	3.42	11.0	7.4	0.87	694	0.74	0.05	3.1	1.5	490
M359705		4.26	15.35	0.12	0.9	0.301	3.50	12.5	6.7	0.86	828	1.63	0.05	3.1	1.3	550
M359706		3.73	15.55	0.13	0.9	0.213	3.64	31.1	6.5	0.85	1040	0.44	0.04	3.5	2.1	560
M359707		6.45	15.55	0.17	0.8	0.441	3.23	12.1	6.2	0.78	1600	6.92	0.05	2.6	1.7	470
M359708		2.57	17.20	0.10	3.4	0.031	3.30	31.1	8.9	1.17	885	1.77	0.04	9.8	7.8	970
M359709		2.39	18.15	0.11	3.5	0.033	3.51	32.8	8.8	1.18	2030	1.83	0.04	10.1	6.7	1000
M359710		7.72	13.00	0.18	1.0	5.06	2.21	19.3	27.5	0.59	2920	14.55	0.08	5.5	15.1	430
M359711		2.44	17.95	0.09	3.6	0.105	3.36	36.0	9.4	1.03	3520	2.72	0.03	10.0	7.2	990
M359712		5.18	22.4	0.16	1.2	0.223	3.22	32.6	15.1	0.58	1000	3.73	0.04	4.6	3.0	610
M359713		3.89	18.05	0.12	1.0	0.171	3.52	33.9	8.2	0.61	860	2.16	0.04	4.5	2.8	550
M359714		5.34	18.05	0.16	0.9	0.251	3.30	25.9	8.0	0.71	1320	2.81	0.04	5.4	2.9	530
M359715		16.95	8.79	0.43	0.5	5.38	1.13	13.1	7.7	1.81	5620	2.16	0.02	2.4	3.1	320
M359716		0.47	0.30	<0.05	<0.1	0.017	0.02	0.7	0.9	12.00	196	0.13	<0.01	0.3	5.8	170
M359717		5.52	16.70	0.16	0.9	0.271	3.41	31.7	8.3	1.00	1970	0.89	0.06	4.2	2.7	500
M359718		18.45	9.56	0.40	0.3	1.015	1.16	7.7	4.5	1.83	4170	1.35	0.02	1.6	2.4	190
M359719		0.50	0.33	<0.05	<0.1	0.007	0.03	0.8	1.0	12.65	212	0.34	0.01	0.3	5.9	190
M359720		7.20	15.30	0.15	1.0	1.220	2.84	23.7	8.5	0.85	2340	1.83	0.05	3.3	2.9	530
M359721		4.64	15.00	0.13	0.9	0.323	3.37	37.3	7.5	0.74	2160	1.12	0.04	3.6	2.1	490
M359722		4.45	14.95	0.11	0.9	0.198	2.85	30.0	18.6	0.72	825	0.96	0.05	6.0	2.6	530
M359723		3.55	16.25	0.11	0.9	0.097	2.84	28.8	22.3	0.61	771	1.84	0.08	7.2	2.6	570
M359724		3.93	14.85	0.11	0.9	0.099	2.74	25.4	20.3	0.66	699	1.90	0.09	7.2	2.6	570
M359725		3.51	16.10	0.10	1.0	0.071	2.84	29.9	25.6	0.42	678	1.65	0.12	7.7	3.0	590
M359726		3.50	15.90	0.10	0.9	0.070	2.85	28.9	24.5	0.37	648	1.49	0.12	7.6	2.4	580
M359727		4.13	13.50	0.09	0.8	0.123	1.87	31.8	36.7	0.41	671	2.99	0.04	6.0	2.8	530
M359728		3.57	14.35	0.09	0.9	0.114	1.69	28.8	51.8	0.65	828	1.34	0.03	6.6	2.5	540
M359729		3.20	15.75	0.10	1.0	0.087	2.15	21.8	41.6	0.53	679	1.39	0.09	7.6	2.5	550
M359730		5.19	15.70	0.17	1.3	1.020	2.84	26.0	23.9	0.68	1960	12.85	0.26	7.9	18.1	480
M359731		3.43	16.05	0.10	1.1	0.122	2.53	29.2	36.3	0.63	699	1.49	0.08	7.0	2.9	530
M359732		3.22	15.75	0.09	1.2	0.089	2.30	28.3	55.4	0.60	612	1.66	0.11	7.6	3.0	570
M359733		4.47	15.10	0.12	1.2	0.110	2.46	25.0	31.5	0.57	656	3.79	0.08	7.2	2.7	520
M359734		3.03	14.70	0.07	0.9	0.078	2.38	26.2	33.4	0.53	523	0.84	0.68	7.1	2.4	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216600

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359699		641	185.0	0.002	9.84	24.0	7.0	3	11.4	33.5	0.14	2.19	10.5	0.067	2.11	1.7
M359700		84.6	197.5	<0.002	7.66	12.30	7.9	2	12.0	16.9	0.17	0.70	12.1	0.086	2.56	2.1
M359701		143.5	156.5	<0.002	9.49	4.68	7.3	3	12.0	33.0	0.21	0.57	11.2	0.090	2.96	2.3
M359702		286	168.0	0.002	4.44	4.47	7.6	2	9.6	49.6	0.22	0.27	12.7	0.091	2.62	2.7
M359703		260	175.5	<0.002	3.22	3.17	7.7	2	5.3	41.0	0.30	0.17	14.5	0.100	3.31	3.0
M359704		226	185.0	<0.002	3.21	3.18	7.8	2	5.3	41.4	0.30	0.17	14.3	0.100	3.27	3.0
M359705		202	192.0	<0.002	4.01	10.05	8.4	2	6.4	54.7	0.31	0.54	13.2	0.108	3.20	4.5
M359706		101.5	204	<0.002	3.19	10.30	10.2	2	5.4	53.1	0.36	0.20	14.8	0.142	3.45	3.8
M359707		130.5	218	0.003	6.36	12.80	7.6	2	11.3	36.5	0.21	1.27	11.0	0.091	2.60	3.0
M359708		13.3	172.0	<0.002	0.64	8.67	6.7	2	1.4	147.0	0.78	<0.05	9.5	0.275	3.28	9.8
M359709		132.0	182.0	<0.002	0.87	9.78	6.7	2	1.3	109.0	0.81	<0.05	9.8	0.293	3.31	6.0
M359710		9090	135.5	0.002	6.67	207	6.8	4	8.5	120.0	0.47	0.49	9.3	0.179	2.20	5.8
M359711		517	191.0	<0.002	1.59	18.20	7.0	2	2.2	108.0	0.79	0.10	10.3	0.290	3.07	5.2
M359712		131.5	181.0	<0.002	4.99	41.9	10.4	3	15.4	70.9	0.39	1.37	13.8	0.172	2.67	7.3
M359713		123.5	223	<0.002	3.19	5.93	9.9	2	8.9	46.4	0.42	0.57	14.6	0.161	3.16	2.7
M359714		99.6	182.5	<0.002	4.82	15.15	10.1	2	7.4	76.7	0.48	0.38	13.2	0.181	3.08	3.6
M359715		384	79.0	<0.002	>10.0	163.5	3.8	4	13.2	237	0.17	1.28	5.9	0.066	1.17	8.4
M359716		2.5	1.5	<0.002	0.03	0.57	0.2	2	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.2
M359717		85.1	212	<0.002	5.34	31.1	9.8	3	10.9	47.4	0.39	0.36	12.6	0.156	2.64	2.7
M359718		752	75.0	<0.002	>10.0	138.5	3.3	3	9.4	59.5	0.12	0.85	5.3	0.048	0.89	2.2
M359719		3.8	1.4	<0.002	0.03	0.45	0.2	2	<0.2	54.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M359720		3440	169.5	<0.002	7.45	51.5	7.3	4	11.4	39.1	0.31	0.62	12.0	0.127	2.19	3.2
M359721		171.0	198.5	<0.002	4.20	12.85	8.6	2	9.2	32.2	0.39	0.22	14.0	0.150	3.16	3.4
M359722		73.0	120.5	<0.002	2.38	9.10	9.0	2	5.1	66.6	0.58	0.13	12.5	0.209	2.22	3.8
M359723		125.5	114.5	<0.002	1.07	8.49	9.6	2	3.7	84.8	0.66	0.05	12.8	0.242	1.94	4.1
M359724		94.2	101.5	<0.002	1.17	5.69	9.7	2	3.6	78.4	0.66	<0.05	12.2	0.240	1.66	6.0
M359725		52.0	120.0	<0.002	0.93	7.31	10.5	2	2.8	77.2	0.72	0.07	14.3	0.253	1.54	4.1
M359726		50.1	116.5	<0.002	0.94	6.64	10.2	2	2.9	75.0	0.73	0.06	14.3	0.255	1.43	4.2
M359727		68.6	99.0	<0.002	0.67	45.8	8.7	2	3.1	73.2	0.58	0.13	13.9	0.211	1.49	6.5
M359728		27.6	88.2	<0.002	1.19	65.7	9.0	2	4.3	95.5	0.67	0.10	13.9	0.225	1.45	8.2
M359729		19.1	76.6	<0.002	0.51	23.3	9.0	2	2.7	92.7	0.73	0.07	11.8	0.239	1.30	3.5
M359730		1335	160.5	0.002	3.03	32.0	8.6	2	5.8	149.5	0.70	0.30	11.5	0.209	2.55	5.2
M359731		37.5	113.5	<0.002	1.17	25.7	9.5	2	3.9	103.0	0.68	0.15	13.4	0.213	1.66	4.4
M359732		32.9	89.8	<0.002	1.12	20.6	10.0	2	2.8	131.0	0.78	0.08	14.0	0.239	1.44	5.8
M359733		55.1	101.5	<0.002	2.49	23.0	9.5	3	3.9	83.0	0.73	0.17	12.4	0.222	1.39	5.3
M359734		24.2	88.9	<0.002	0.42	31.3	9.2	2	2.3	177.5	0.66	0.14	12.2	0.242	1.19	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216600

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Cu	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M359699		40	4.5	6.9	924	17.1	28		
M359700		51	4.9	6.9	148	18.0	4		
M359701		40	4.6	9.4	238	20.5	2		
M359702		41	3.9	8.3	681	21.2	<1		
M359703		42	3.4	8.3	559	20.9	<1		
M359704		42	3.4	8.6	443	21.7	<1		
M359705		44	5.1	9.6	751	21.9	2		
M359706		69	4.7	12.2	222	24.6	2		
M359707		43	5.8	7.5	303	23.4	10		
M359708		56	2.7	13.0	59	119.5	<1		
M359709		60	3.2	13.5	327	125.0	<1		
M359710		51	4.7	9.8	>10000	33.0	120		1.580
M359711		59	4.4	14.7	1520	127.5	2		
M359712		65	12.1	10.8	133	33.0	5		
M359713		60	6.7	9.3	156	25.1	3		
M359714		63	7.9	12.0	260	23.2	4		
M359715		26	6.0	9.1	585	15.5	116	1.810	
M359716		2	0.1	0.9	14	<0.5	<1		
M359717		64	12.0	9.9	252	21.8	4		
M359718		24	5.0	7.3	888	8.6	22		
M359719		2	0.1	0.9	18	<0.5	<1		
M359720		54	8.5	9.1	5590	25.3	10		
M359721		57	8.9	9.2	618	20.1	1		
M359722		64	9.6	11.5	389	20.8	1		
M359723		65	4.9	13.6	255	22.1	<1		
M359724		74	18.5	13.8	173	20.8	<1		
M359725		69	5.8	14.5	150	25.4	1		
M359726		68	5.9	13.8	154	22.8	1		
M359727		61	7.1	13.7	280	18.8	1		
M359728		62	7.4	13.0	142	21.3	<1		
M359729		62	5.4	12.7	129	24.2	<1		
M359730		57	5.7	12.0	2860	40.3	10		
M359731		60	4.4	14.5	142	26.4	1		
M359732		66	6.1	14.2	150	27.8	<1		
M359733		64	10.2	14.3	230	27.7	1		
M359734		64	5.7	13.3	102	21.6	<1		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216600

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216601

Project: Klaza-128

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

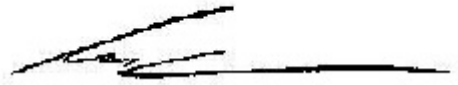
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216601

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358846		2.45	0.044	0.77	7.59	19.2	2700	1.34	1.45	1.20	1.01	52.9	7.5	12	7.48	85.8
M358847		1.72	0.067	1.34	7.74	33.4	2370	1.27	3.04	0.51	0.52	43.1	3.1	31	10.00	36.0
M358848		4.83	0.057	1.71	6.91	161.0	2500	0.94	3.17	0.17	0.30	52.8	2.3	8	17.95	196.5
M358849		4.56	0.036	1.55	7.11	90.2	1420	1.13	1.52	0.17	0.51	51.3	5.4	10	17.80	203
M358850		7.45	0.103	1.38	7.42	76.4	500	1.35	3.73	0.04	1.48	43.9	7.0	20	6.51	67.5
M358851		3.38	0.061	0.89	7.50	63.5	580	1.30	2.33	0.04	0.52	41.2	5.7	14	6.02	56.6
M358852		1.95	0.160	0.73	6.80	42.4	1150	1.36	2.32	0.04	6.28	43.4	3.7	13	7.84	89.1
M358853		6.16	0.075	0.88	7.35	78.1	510	1.40	2.25	0.09	2.25	44.1	6.6	14	5.63	81.8
M358854		3.52	0.040	0.72	7.24	50.6	530	1.66	1.92	0.29	3.51	41.1	5.6	13	6.05	96.9
M358855		0.26	0.777	9.16	6.50	1730	1020	1.41	5.94	1.84	41.6	42.5	16.3	20	15.85	107.5
M358856		5.30	0.124	0.77	7.10	77.3	310	1.38	1.94	0.30	1.96	38.4	9.9	13	4.94	70.2
M358857		4.17	0.059	1.61	7.24	78.1	500	1.68	2.75	0.57	2.90	44.2	6.4	12	5.99	230
M358858		4.21	0.037	1.88	7.66	79.9	2010	1.86	1.79	1.02	4.00	38.0	8.8	14	9.11	288
M358859		7.10	0.052	1.11	7.91	88.5	1620	1.76	1.52	1.36	3.41	50.3	8.1	24	14.60	334
M358860		4.97	0.059	0.63	7.48	94.2	1280	1.63	0.96	2.02	3.30	48.6	11.1	8	20.4	347
M358861		5.16	0.084	1.29	7.46	82.5	1400	1.63	1.64	2.01	1.54	49.9	9.1	8	14.85	167.5
M358862		3.19	0.070	1.20	7.28	85.1	860	1.63	1.34	2.02	1.35	52.0	8.2	8	15.35	178.5
M358863		6.37	0.134	1.45	7.40	138.0	1480	1.58	1.98	1.72	2.70	49.0	8.6	7	15.50	351
M358864		7.03	0.021	0.26	7.07	40.9	2390	1.49	0.56	2.62	0.55	44.0	8.5	8	16.25	121.5
M358865		4.31	0.039	0.72	6.90	55.6	1190	1.57	1.37	2.53	2.03	42.8	7.1	9	15.50	402
M358866		0.26	0.807	10.60	6.62	1755	1060	1.53	5.82	1.87	43.1	43.3	17.1	21	16.40	110.0
M358867		6.99	0.093	0.79	7.55	129.5	950	1.71	2.02	2.45	0.51	52.6	8.7	8	16.20	569
M358868		3.52	0.334	2.50	6.25	109.5	850	1.35	5.31	1.52	1.47	37.4	8.5	7	10.10	113.5
M358869		5.95	0.023	0.61	7.53	50.7	1410	1.57	1.68	1.96	0.98	47.0	6.6	9	14.70	126.5
M358870		5.76	0.509	0.90	6.80	32.6	1210	1.30	2.40	1.35	1.36	34.5	10.9	12	7.93	83.1
M358871		4.49	0.027	0.77	6.78	34.3	840	1.40	1.91	1.69	1.41	44.5	8.9	8	10.75	140.5
M358872		4.51	0.026	1.00	7.29	28.6	1020	1.55	2.16	1.73	1.10	41.5	9.4	7	11.40	84.6
M358873		4.65	0.045	1.05	7.47	68.3	1720	1.80	0.70	2.80	2.35	47.6	9.3	7	17.55	119.5
M358874		3.06	<0.005	0.01	0.07	<5	30	0.06	0.03	20.9	0.07	1.58	1.2	<1	0.22	1.6
M358875		6.15	0.046	1.10	7.15	102.0	630	1.68	1.41	2.83	1.61	45.6	7.1	8	14.90	249
M358876		5.61	0.089	1.23	7.14	47.3	1540	1.57	1.76	1.92	1.81	44.7	8.5	8	11.55	366
M358877		<0.02	0.062	1.28	7.22	51.1	910	1.71	1.75	2.02	2.13	42.8	8.7	8	11.95	404
M358878		4.03	0.452	0.98	7.26	46.4	1460	1.60	1.14	2.21	1.63	48.5	7.3	7	17.00	344
M358879		3.37	0.222	1.19	7.64	82.4	1090	1.45	2.55	1.01	1.40	51.9	10.6	9	11.15	72.1
M358880		3.06	<0.005	0.01	0.08	<5	30	0.05	0.02	19.95	0.06	1.26	1.2	<1	0.17	2.9
M358881		4.90	1.925	2.68	6.52	165.5	490	0.86	5.37	0.10	0.60	32.9	10.3	8	6.33	153.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216601

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358846		2.75	17.15	0.11	1.2	0.089	2.83	29.0	15.4	0.69	415	1.18	1.79	7.3	3.6	530
M358847		2.21	19.50	0.12	1.6	0.107	3.61	24.2	10.2	0.51	175	1.85	0.68	4.9	2.0	370
M358848		4.70	16.85	0.17	0.9	0.128	3.01	28.6	9.1	0.27	72	1.49	0.06	3.3	1.4	660
M358849		4.00	16.25	0.15	1.0	0.119	3.03	28.7	12.8	0.29	137	2.15	0.06	4.4	2.4	810
M358850		4.79	18.50	0.18	1.8	0.232	3.80	24.0	7.0	0.44	67	2.33	0.06	3.7	4.4	410
M358851		4.72	16.35	0.19	1.7	0.217	3.78	22.1	7.5	0.38	51	4.22	0.06	3.1	3.1	420
M358852		3.07	15.70	0.17	1.6	0.174	3.51	24.5	16.3	0.36	35	3.11	0.06	3.7	1.9	320
M358853		4.61	17.20	0.19	1.7	0.262	3.78	24.3	7.3	0.45	156	1.99	0.06	3.4	3.3	440
M358854		4.28	15.30	0.18	1.6	0.241	3.71	22.0	7.0	0.49	607	2.21	0.05	2.9	3.4	640
M358855		4.93	15.05	0.18	1.3	0.922	2.81	21.9	23.9	0.67	1940	13.20	0.26	7.7	15.1	490
M358856		5.09	15.15	0.18	1.5	0.226	3.62	19.4	7.8	0.51	326	3.11	0.06	2.9	3.7	460
M358857		4.68	16.90	0.19	1.5	0.285	3.76	23.9	7.9	0.62	906	2.28	0.05	3.0	3.9	680
M358858		3.94	16.60	0.18	1.7	0.122	3.66	19.0	6.8	0.79	842	3.04	0.05	3.2	4.5	1010
M358859		3.92	18.90	0.18	1.5	0.163	3.46	27.1	24.5	0.71	674	1.36	0.19	4.6	4.9	910
M358860		3.42	16.65	0.19	1.0	0.085	3.16	26.8	9.7	0.82	458	2.58	0.05	5.2	3.1	590
M358861		3.81	16.75	0.18	0.9	0.104	3.25	26.9	13.3	0.89	819	2.87	0.05	4.6	2.6	580
M358862		3.37	16.55	0.16	1.0	0.102	3.16	27.6	15.0	0.86	810	1.09	0.05	5.1	2.5	590
M358863		3.63	17.25	0.16	1.0	0.106	3.01	26.2	25.8	0.65	793	1.74	0.05	5.1	2.8	580
M358864		3.02	16.90	0.15	1.0	0.043	2.52	22.4	42.5	0.86	326	2.73	0.06	6.5	2.6	600
M358865		3.41	16.95	0.17	1.0	0.065	2.50	22.1	31.3	0.80	394	1.28	0.47	6.5	3.5	580
M358866		5.07	15.70	0.18	1.3	0.957	2.85	22.5	26.2	0.68	1980	13.25	0.26	7.8	15.6	510
M358867		3.78	17.60	0.16	1.0	0.073	2.93	28.9	25.7	0.94	342	1.65	0.07	6.4	2.7	580
M358868		5.14	14.25	0.19	0.7	0.123	2.79	19.3	24.7	0.75	1300	2.61	0.06	3.4	2.2	440
M358869		3.29	16.00	0.17	0.8	0.074	3.25	25.8	7.3	0.86	430	3.46	0.09	4.7	2.4	570
M358870		5.66	14.10	0.20	0.8	0.065	3.18	18.3	8.4	0.74	344	9.10	0.07	2.7	2.7	500
M358871		4.43	14.40	0.19	0.7	0.097	3.14	24.0	7.5	0.83	417	3.18	0.05	3.4	2.4	510
M358872		4.83	15.55	0.18	0.9	0.106	3.40	22.0	7.9	0.85	575	1.55	0.06	3.7	2.3	540
M358873		2.92	16.20	0.15	0.9	0.082	3.30	25.6	8.3	1.01	2590	2.71	0.04	6.3	2.4	580
M358874		0.48	0.25	0.07	<0.1	<0.005	0.03	0.8	0.9	12.50	218	0.16	<0.01	0.3	2.2	180
M358875		3.31	16.25	0.15	0.9	0.098	3.24	23.6	17.5	0.94	1650	1.93	0.05	5.7	2.4	580
M358876		4.11	15.25	0.18	0.9	0.113	3.11	23.2	22.4	0.72	716	1.50	0.07	5.1	2.2	530
M358877		4.16	15.75	0.17	0.9	0.110	3.16	21.7	23.4	0.73	947	1.65	0.08	5.2	2.4	550
M358878		3.00	16.55	0.15	0.9	0.093	3.05	26.8	25.2	0.75	761	2.65	0.05	5.5	2.2	540
M358879		4.43	17.00	0.18	0.8	0.146	3.44	27.4	27.6	0.53	494	2.44	0.07	4.4	2.5	580
M358880		0.43	0.30	0.06	<0.1	<0.005	0.03	0.6	1.0	11.95	193	0.23	<0.01	0.3	2.2	190
M358881		5.94	15.20	0.19	0.8	0.162	3.13	17.1	10.3	0.32	36	8.06	0.07	2.4	1.7	370

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216601

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358846		41.2	133.5	<0.002	0.19	4.72	10.0	1	4.8	283	0.61	0.27	13.0	0.220	1.58	3.0
M358847		63.3	176.5	<0.002	0.35	23.5	11.2	2	7.3	152.5	0.41	0.32	9.8	0.186	2.40	2.8
M358848		44.4	151.0	<0.002	1.10	38.5	8.8	3	8.3	99.8	0.28	0.66	15.5	0.144	2.68	2.5
M358849		38.9	158.0	<0.002	0.85	35.5	10.4	2	7.0	146.0	0.41	0.21	20.5	0.170	2.73	3.6
M358850		72.9	206	<0.002	3.91	25.9	8.6	2	9.1	83.1	0.28	0.37	10.5	0.107	2.46	4.1
M358851		47.4	188.5	<0.002	3.94	12.95	7.8	2	9.7	89.0	0.24	0.30	10.1	0.102	2.34	4.0
M358852		60.8	171.0	<0.002	2.05	21.6	6.8	3	12.8	121.0	0.29	0.30	10.6	0.104	2.14	3.6
M358853		35.0	195.0	<0.002	3.77	29.5	7.3	2	9.7	72.9	0.25	0.47	10.8	0.094	2.49	4.2
M358854		28.3	187.5	<0.002	3.04	13.15	7.3	2	4.9	93.1	0.22	0.27	10.7	0.083	2.47	5.1
M358855		1330	166.0	0.002	2.99	34.0	9.1	1	6.0	151.0	0.63	0.29	11.6	0.195	2.52	5.1
M358856		52.7	175.0	<0.002	4.43	8.39	7.1	3	8.0	90.4	0.20	0.36	9.4	0.085	2.14	3.8
M358857		66.0	194.0	<0.002	3.59	36.3	7.4	2	9.2	88.9	0.23	0.42	10.4	0.090	2.75	5.8
M358858		71.5	190.0	<0.002	2.97	40.3	8.1	2	4.0	125.5	0.25	0.29	11.2	0.100	3.15	7.4
M358859		90.8	173.5	<0.002	2.05	17.10	13.2	2	5.2	149.0	0.39	0.21	12.7	0.187	2.99	5.2
M358860		39.5	151.5	<0.002	1.74	12.95	11.2	2	3.5	76.6	0.48	0.17	14.4	0.186	2.44	4.6
M358861		67.9	177.0	<0.002	3.02	18.60	11.5	2	4.4	71.1	0.39	0.14	13.6	0.170	3.14	3.1
M358862		57.3	161.0	<0.002	2.49	18.15	11.6	2	4.2	71.1	0.43	0.14	13.2	0.179	3.03	2.7
M358863		65.1	162.0	<0.002	2.25	27.2	11.4	2	5.5	144.0	0.41	0.19	13.6	0.182	2.62	4.1
M358864		23.2	90.5	<0.002	1.28	16.35	11.6	2	2.9	135.0	0.55	0.07	11.9	0.206	1.94	4.2
M358865		33.6	109.0	<0.002	1.47	14.30	11.2	1	3.3	221	0.53	0.11	11.0	0.205	2.05	4.2
M358866		1365	166.5	0.002	3.05	35.7	9.8	1	6.3	152.5	0.64	0.32	11.9	0.200	2.59	5.2
M358867		31.5	148.5	<0.002	2.93	11.00	12.0	2	5.4	110.5	0.55	0.22	14.6	0.209	2.34	3.9
M358868		98.8	156.0	<0.002	4.58	26.9	9.7	3	7.7	72.1	0.28	0.30	10.2	0.126	2.24	2.6
M358869		46.4	161.0	<0.002	2.60	20.2	11.8	2	3.7	81.9	0.34	0.22	11.9	0.178	2.67	3.5
M358870		68.2	156.5	0.002	5.86	18.35	10.2	5	5.9	44.2	0.23	0.45	10.7	0.114	2.05	2.4
M358871		59.9	160.5	<0.002	4.00	11.85	10.3	3	4.7	42.7	0.27	0.28	12.7	0.123	2.40	2.4
M358872		58.0	176.0	<0.002	4.48	11.00	11.2	4	6.5	52.3	0.30	0.38	12.5	0.138	2.49	2.4
M358873		43.9	149.0	<0.002	1.69	20.7	11.2	1	3.6	115.5	0.52	0.08	13.5	0.205	3.17	3.4
M358874		1.6	1.8	<0.002	0.01	0.06	0.2	1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358875		50.6	149.5	<0.002	2.39	12.05	11.3	2	4.7	145.0	0.48	0.14	12.0	0.190	2.90	4.4
M358876		69.2	144.0	<0.002	3.40	10.65	10.7	3	6.2	117.5	0.44	0.20	12.6	0.171	2.13	5.0
M358877		69.3	145.5	<0.002	3.38	11.85	11.2	3	6.3	118.5	0.44	0.22	12.4	0.170	2.19	5.9
M358878		37.4	140.0	<0.002	1.68	13.15	10.3	2	5.4	110.0	0.50	0.08	12.7	0.176	2.54	2.8
M358879		100.5	169.5	<0.002	3.60	5.84	12.1	2	8.2	68.1	0.36	0.15	13.2	0.167	2.31	2.6
M358880		1.5	1.6	<0.002	0.02	0.06	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M358881		84.5	153.0	0.002	6.36	24.4	9.9	4	14.3	33.2	0.20	0.34	10.6	0.105	1.49	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216601

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358846		68	3.7	15.1	96	31.4	1
M358847		84	8.1	8.9	76	49.6	1
M358848		63	7.5	6.2	126	24.1	2
M358849		69	10.5	8.7	186	26.7	2
M358850		60	7.5	8.0	113	57.9	2
M358851		64	7.1	7.0	82	51.9	1
M358852		53	13.5	5.8	90	49.7	<1
M358853		54	11.2	8.0	145	52.0	1
M358854		55	4.6	9.6	201	51.3	1
M358855		58	5.0	12.4	3050	38.1	10
M358856		52	9.9	8.0	161	47.6	1
M358857		55	7.0	9.1	160	48.5	2
M358858		57	5.0	11.2	192	55.0	2
M358859		80	4.7	14.3	252	45.7	1
M358860		65	3.1	15.6	183	25.2	1
M358861		66	7.9	13.8	110	23.3	1
M358862		67	7.0	13.7	105	25.1	1
M358863		67	4.6	14.3	222	24.4	2
M358864		72	3.8	14.8	74	24.6	<1
M358865		68	3.6	15.8	154	24.0	1
M358866		59	5.2	13.0	3100	38.8	10
M358867		69	6.9	15.0	71	24.7	<1
M358868		59	12.3	11.1	150	18.7	4
M358869		68	8.1	12.7	116	21.0	1
M358870		60	9.7	10.3	125	19.2	1
M358871		58	7.6	11.2	132	19.8	1
M358872		65	10.2	11.2	119	22.7	1
M358873		66	4.5	13.6	250	24.6	1
M358874		2	0.1	0.9	17	<0.5	<1
M358875		67	5.1	13.0	157	23.9	1
M358876		63	11.4	13.0	175	22.7	2
M358877		64	11.5	13.4	198	23.2	1
M358878		60	6.6	13.5	145	21.6	<1
M358879		68	9.4	11.5	168	21.2	2
M358880		2	0.1	0.9	16	<0.5	<1
M358881		63	13.0	8.7	49	20.4	3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216601

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216602

Project: Klaza-128

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

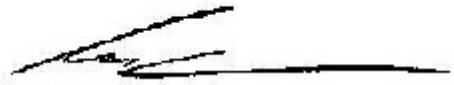
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216602

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358990		2.73	0.354	8.24	6.48	479	290	0.94	7.59	0.85	10.75	42.3	12.8	9	4.54	866
M358991		3.93	0.091	1.00	6.47	106.5	320	1.07	0.97	1.96	2.95	45.9	13.6	8	9.18	170.0
M358992		2.28	<0.005	0.02	0.06	8	30	0.05	0.03	21.4	0.08	1.10	1.1	<1	0.12	2.4
M358993		6.90	0.029	0.97	7.46	56.5	310	1.28	1.16	2.21	0.30	45.0	11.0	8	12.60	647
M358994		10.05	0.041	0.53	7.30	62.0	750	1.12	1.23	1.21	2.49	59.3	12.2	8	8.67	176.5
M358995		3.03	0.231	1.09	6.87	94.0	140	0.74	3.22	0.45	1.67	90.6	26.9	9	4.64	117.5
M358996		5.98	0.086	0.87	7.59	76.8	240	1.22	1.09	1.53	0.53	82.5	14.1	8	9.92	458
M358997		7.77	0.026	0.49	7.38	21.0	280	1.43	0.91	1.93	0.51	46.4	8.3	8	10.55	180.0
M358998		0.26	0.793	9.91	6.84	1815	510	1.34	6.54	1.92	44.8	43.6	17.1	19	16.65	106.5
M358999		8.62	0.028	0.54	7.34	9.9	330	1.41	0.67	2.04	0.24	43.8	11.6	8	10.90	249
M359000		8.51	0.019	0.45	7.26	8.2	540	1.44	0.82	2.17	0.20	47.6	9.5	9	11.60	193.0
M354301		9.29	0.013	0.40	7.16	10.1	580	1.43	0.78	1.97	0.16	45.4	8.9	7	10.00	166.0
M354302		6.19	0.015	0.30	7.23	46.3	1030	1.41	0.76	2.39	0.14	49.1	7.3	8	11.25	193.0
M354303		5.72	0.011	0.34	7.61	50.0	720	1.29	0.71	1.99	0.16	59.9	8.5	7	15.05	178.5
M354304		4.78	0.012	0.31	7.55	39.5	650	1.28	0.69	1.51	0.23	52.5	7.6	8	14.95	146.5
M354305		7.68	0.027	0.43	7.47	42.4	400	1.38	0.86	1.46	0.54	51.0	8.9	9	12.50	147.5
M354306		<0.02	0.035	0.44	7.71	43.0	340	1.33	0.91	1.48	0.55	50.8	9.1	11	12.90	151.5
M354307		5.39	0.015	0.63	7.89	55.3	370	1.49	1.15	1.47	0.62	44.7	9.6	8	11.60	209
M354308		4.96	0.016	0.77	7.61	37.6	780	1.28	1.26	1.41	0.46	46.6	10.1	7	9.37	260
M354309		1.92	0.021	0.74	7.50	39.9	920	1.29	1.32	1.28	0.37	47.2	10.5	7	9.17	271
M354310		2.64	0.036	0.58	7.06	15.9	210	1.11	1.95	1.14	0.56	34.7	18.0	7	6.56	116.5
M354311		5.11	0.014	0.46	7.68	14.1	340	1.39	0.93	1.78	0.26	45.4	10.0	8	12.35	164.5
M354312		7.34	0.014	0.47	7.64	37.0	330	1.22	1.03	1.75	0.28	54.2	10.9	9	13.75	170.0
M354313		0.26	0.762	9.83	6.51	1765	290	1.39	6.36	1.88	45.0	42.5	16.7	19	16.65	106.0
M354314		8.40	0.028	0.57	7.53	42.7	360	1.29	0.83	1.91	0.24	53.8	10.1	8	13.35	220
M354315		5.98	0.019	0.59	6.92	47.5	560	1.24	0.90	2.13	0.49	49.2	9.6	7	13.75	214
M354316		3.42	0.047	0.80	7.36	80.0	500	1.34	1.09	2.15	0.38	53.4	7.7	6	16.15	141.5
M354317		2.49	0.088	1.72	6.60	119.5	390	1.40	1.33	1.98	1.18	51.0	9.2	6	12.90	226
M354318		3.19	0.049	2.02	6.10	174.5	320	1.25	1.66	2.08	1.90	44.7	9.1	8	11.85	479
M354319		2.99	<0.005	0.02	0.06	<5	20	<0.05	0.21	21.3	0.07	1.18	1.2	<1	0.22	1.6
M354320		5.21	0.009	0.52	7.62	57.5	640	1.35	0.67	1.96	0.26	57.0	9.1	7	17.20	202
M354321		5.60	0.011	0.54	6.64	29.9	470	1.36	0.65	2.35	0.21	41.4	9.7	7	13.90	252
M354322		7.84	0.011	0.42	7.35	7.6	870	1.47	0.65	2.08	0.20	50.1	7.0	10	11.30	230
M354323		4.64	0.020	0.47	7.27	4.2	1120	1.48	0.67	2.18	0.19	50.7	9.1	7	10.80	242
M354324		3.04	0.021	0.73	7.14	24.5	330	1.33	0.93	2.42	0.18	47.9	10.5	8	13.85	313
M354325		8.57	0.012	0.29	7.17	5.9	1210	1.41	0.52	2.35	0.18	48.2	7.4	8	11.00	179.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216602

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358990		7.29	14.30	0.19	0.6	0.422	3.08	21.3	11.7	0.52	684	7.61	0.06	3.2	2.3	470
M358991		5.21	12.60	0.18	0.6	0.192	3.00	24.4	9.7	0.97	1160	48.0	0.04	2.8	2.4	470
M358992		0.43	0.26	0.14	<0.1	0.005	0.03	0.5	2.3	12.45	192	0.20	<0.01	0.3	1.4	200
M358993		4.46	14.65	0.18	0.6	0.299	3.65	22.1	10.8	0.93	639	3.45	0.05	3.0	2.1	560
M358994		4.54	14.00	0.18	0.7	0.225	3.43	30.6	12.2	0.68	522	15.85	0.05	2.6	1.8	450
M358995		8.01	16.35	0.22	0.5	0.118	3.20	54.7	10.9	0.44	300	7.66	0.07	2.0	3.8	450
M358996		4.34	15.75	0.19	0.6	0.161	3.79	46.6	19.3	0.75	379	10.75	0.09	3.1	2.9	590
M358997		3.13	15.00	0.17	0.7	0.057	3.24	22.3	14.7	0.73	235	4.48	0.77	3.9	2.2	520
M358998		5.28	15.85	0.18	1.3	1.045	2.86	20.7	27.0	0.71	2060	13.35	0.27	8.1	14.9	500
M358999		3.22	16.00	0.17	0.7	0.055	2.92	20.6	21.3	0.63	195	7.91	1.66	5.1	2.6	520
M359000		2.86	16.15	0.17	0.8	0.057	3.03	23.5	27.1	0.78	231	3.90	1.34	6.3	2.4	550
M354301		2.97	15.90	0.16	0.7	0.070	2.81	21.8	37.6	0.80	216	5.90	1.75	5.7	2.2	570
M354302		2.66	16.00	0.17	0.8	0.093	2.91	23.6	62.6	0.90	286	6.47	0.31	5.8	2.3	610
M354303		2.72	15.65	0.18	0.7	0.057	2.79	31.0	41.8	0.83	276	3.36	0.06	5.3	2.2	560
M354304		2.56	15.45	0.16	0.7	0.053	2.71	26.1	30.2	0.77	273	3.61	0.04	4.7	2.3	590
M354305		3.43	14.85	0.17	0.7	0.134	3.27	23.7	18.6	0.71	300	8.28	0.06	3.3	2.3	550
M354306		3.60	15.10	0.18	0.7	0.143	3.34	23.5	19.1	0.74	307	8.43	0.06	3.4	2.5	560
M354307		3.09	15.80	0.17	0.7	0.100	3.65	20.0	18.5	0.82	250	2.91	0.08	3.6	2.2	580
M354308		4.34	14.75	0.20	0.7	0.211	4.38	20.6	12.1	0.77	353	6.25	0.10	3.1	2.3	560
M354309		4.27	14.95	0.19	0.7	0.202	4.10	21.5	12.9	0.73	322	5.91	0.09	3.1	2.3	580
M354310		7.00	14.45	0.22	0.5	0.254	3.64	14.0	16.0	0.69	418	7.74	0.06	2.0	2.3	520
M354311		3.36	16.60	0.18	0.7	0.118	3.60	20.8	22.6	0.78	309	16.80	0.36	4.7	2.6	620
M354312		3.51	15.15	0.18	0.7	0.070	3.13	26.1	24.8	0.81	268	6.59	0.07	4.8	2.3	610
M354313		5.08	15.80	0.19	1.2	1.035	2.78	20.1	27.6	0.67	2010	13.50	0.26	7.8	14.7	490
M354314		3.24	15.70	0.19	0.7	0.078	3.21	25.8	23.6	0.86	321	4.88	0.39	5.7	2.2	590
M354315		3.07	16.05	0.18	0.8	0.085	2.80	23.2	28.1	0.75	423	3.13	0.18	5.8	2.2	550
M354316		3.94	15.00	0.19	0.7	0.139	3.24	26.5	10.6	1.00	1070	6.89	0.04	4.4	2.1	530
M354317		4.72	13.65	0.19	1.0	0.209	2.96	26.0	11.5	0.89	1540	2.53	0.03	4.4	2.2	460
M354318		4.89	12.00	0.19	0.6	0.206	2.78	22.9	20.1	0.86	917	6.40	0.03	3.1	2.4	440
M354319		0.47	0.24	0.12	<0.1	0.006	0.03	0.5	1.8	12.65	211	0.17	<0.01	0.3	1.7	160
M354320		3.09	14.60	0.18	0.7	0.076	3.07	29.4	24.6	0.88	332	5.27	0.05	5.0	1.9	560
M354321		2.93	14.60	0.17	0.7	0.060	3.05	19.1	16.8	0.82	199	3.66	1.08	5.6	2.1	540
M354322		2.85	16.10	0.17	0.7	0.056	3.01	24.0	29.1	0.84	209	2.23	1.81	6.6	2.1	580
M354323		3.02	16.00	0.19	0.8	0.067	2.86	24.5	29.1	0.89	250	5.19	1.46	7.4	2.4	570
M354324		3.48	15.40	0.18	0.8	0.092	3.18	22.4	19.5	0.71	287	16.50	0.52	5.5	2.1	550
M354325		2.60	15.40	0.18	0.7	0.045	2.82	22.9	28.8	0.79	237	5.99	1.52	6.8	2.1	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216602

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358990		690	133.0	<0.002	8.04	83.1	9.1	4	11.2	21.3	0.24	0.22	10.8	0.130	1.82	2.3
M358991		70.4	152.5	0.008	4.98	14.20	8.8	4	8.6	42.2	0.21	0.10	11.5	0.112	2.61	3.8
M358992		2.2	1.3	<0.002	<0.01	0.19	0.1	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358993		14.1	151.5	<0.002	3.66	15.70	10.0	3	8.3	64.0	0.22	0.15	11.4	0.129	2.62	2.2
M358994		38.4	158.0	<0.002	4.02	20.7	8.2	3	14.8	37.1	0.30	0.15	15.2	0.087	2.31	2.6
M358995		57.5	160.0	0.002	8.86	13.00	8.9	7	19.9	19.1	0.17	0.40	10.6	0.086	1.54	2.7
M358996		25.9	138.0	0.003	3.77	15.50	11.2	3	6.2	84.4	0.23	0.12	12.1	0.144	2.18	2.6
M358997		24.1	116.0	<0.002	2.68	4.38	9.3	3	4.0	210	0.32	0.07	13.3	0.138	1.61	4.0
M358998		1385	153.0	<0.002	3.18	35.2	9.1	1	6.4	152.0	0.62	0.33	12.6	0.211	2.66	5.0
M358999		16.2	99.4	0.002	2.70	3.03	9.5	3	3.6	358	0.40	0.06	13.7	0.167	1.41	3.9
M359000		17.9	104.0	<0.002	2.07	0.91	10.4	3	3.6	929	0.48	0.07	13.0	0.201	1.38	3.9
M354301		18.2	100.5	<0.002	2.46	0.92	10.4	3	3.6	1440	0.42	0.09	12.3	0.191	1.36	3.7
M354302		13.5	93.1	<0.002	1.94	11.90	10.6	2	4.5	103.0	0.43	0.07	12.6	0.196	1.48	3.7
M354303		15.2	100.5	<0.002	2.08	41.9	10.6	3	3.4	88.6	0.40	0.06	15.4	0.186	1.37	4.6
M354304		15.4	93.8	<0.002	2.06	38.2	10.2	2	3.2	70.6	0.36	0.09	14.5	0.176	1.32	2.7
M354305		27.1	125.0	<0.002	2.95	12.45	10.3	3	5.7	68.0	0.25	0.14	14.4	0.128	1.76	9.1
M354306		27.4	127.0	<0.002	3.14	13.10	10.6	3	6.0	70.4	0.26	0.13	14.4	0.128	1.83	9.5
M354307		31.0	132.5	<0.002	2.80	22.0	10.5	3	4.6	94.7	0.29	0.14	15.4	0.141	1.72	4.3
M354308		23.1	161.0	<0.002	3.84	9.03	10.2	4	6.5	87.0	0.24	0.13	14.2	0.123	2.16	3.8
M354309		20.2	160.5	<0.002	3.79	9.66	10.4	4	7.2	76.6	0.25	0.14	14.8	0.124	2.13	5.0
M354310		21.9	147.0	<0.002	6.97	3.90	9.1	6	13.0	47.1	0.15	0.29	10.5	0.088	1.97	3.3
M354311		19.6	118.5	<0.002	2.76	10.75	11.2	3	4.5	144.0	0.35	0.10	12.9	0.184	1.82	3.6
M354312		17.7	108.0	<0.002	3.02	17.65	10.9	3	3.6	81.4	0.37	0.08	14.1	0.172	1.57	2.9
M354313		1325	149.0	<0.002	3.05	36.3	8.7	1	6.4	146.5	0.59	0.30	12.3	0.206	2.52	5.1
M354314		18.3	116.5	<0.002	2.64	21.1	10.7	3	3.9	155.5	0.43	0.09	14.1	0.191	1.69	4.0
M354315		23.4	98.9	<0.002	2.31	35.2	9.9	3	3.6	113.0	0.45	0.10	13.7	0.190	1.78	5.3
M354316		23.2	163.5	<0.002	3.39	28.3	9.9	3	5.8	55.7	0.35	0.10	14.6	0.158	2.80	3.9
M354317		41.3	148.5	<0.002	4.28	50.7	8.5	3	6.9	70.8	0.45	0.10	17.5	0.121	2.80	4.7
M354318		72.0	132.5	<0.002	4.62	107.5	8.4	4	6.2	63.8	0.25	0.07	12.0	0.118	2.51	7.4
M354319		1.4	1.5	<0.002	0.02	0.19	0.1	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M354320		17.5	128.5	<0.002	2.49	19.85	10.1	3	3.1	104.0	0.38	0.06	15.1	0.186	2.06	3.1
M354321		16.7	98.5	<0.002	2.35	4.62	9.5	3	2.9	241	0.43	0.07	11.5	0.190	1.59	3.6
M354322		14.3	96.3	<0.002	1.93	1.13	10.2	2	3.2	359	0.50	0.07	13.7	0.218	1.37	4.2
M354323		16.6	98.9	<0.002	1.92	1.02	10.8	3	3.2	320	0.56	0.07	14.0	0.229	1.31	4.2
M354324		17.2	119.0	<0.002	3.13	22.0	10.0	3	6.2	162.5	0.42	0.10	12.9	0.184	1.58	3.9
M354325		16.3	95.6	<0.002	1.76	1.52	10.5	3	3.3	444	0.51	0.06	12.9	0.219	1.26	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216602

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358990		61	15.2	9.3	1020	14.3	7
M358991		56	7.1	9.3	219	14.0	<1
M358992		3	0.1	0.8	14	<0.5	<1
M358993		64	8.3	10.5	81	16.0	<1
M358994		49	7.4	8.0	138	16.2	<1
M358995		58	8.0	7.4	126	13.9	<1
M358996		66	5.7	11.2	107	15.5	<1
M358997		59	5.0	13.1	60	17.8	<1
M358998		58	5.3	11.5	3050	38.3	8
M358999		59	4.7	13.3	52	17.9	<1
M359000		66	5.2	14.7	54	20.2	<1
M354301		65	5.3	14.3	55	18.0	<1
M354302		67	7.6	13.5	53	19.2	<1
M354303		63	6.2	14.0	51	17.7	<1
M354304		65	5.5	12.4	49	16.9	1
M354305		63	6.3	12.5	66	16.7	1
M354306		64	6.3	13.0	68	16.8	1
M354307		66	7.9	12.5	71	17.9	<1
M354308		64	12.0	10.2	63	17.1	1
M354309		62	12.5	10.4	57	17.2	1
M354310		56	12.8	9.0	74	13.3	1
M354311		70	10.1	12.3	61	18.7	1
M354312		67	10.7	13.3	52	16.7	1
M354313		57	5.1	11.6	2990	37.0	9
M354314		64	8.6	13.6	56	17.4	1
M354315		63	5.8	13.0	76	18.8	1
M354316		60	7.9	12.6	60	16.9	<1
M354317		51	9.7	11.0	138	21.6	2
M354318		51	9.1	10.3	227	13.4	2
M354319		2	0.1	0.8	16	<0.5	<1
M354320		62	7.7	13.1	55	16.5	1
M354321		62	12.5	12.2	51	16.5	<1
M354322		66	5.8	12.7	54	18.6	1
M354323		67	11.7	14.3	59	19.3	<1
M354324		65	10.8	13.8	52	19.2	<1
M354325		68	5.8	13.9	59	18.3	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216602

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216603

Project: Klaza-127

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

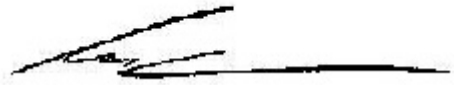
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12216603

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357769		3.75	<0.005	0.09	6.61	8.2	2690	1.23	0.23	1.68	0.07	44.2	7.3	9	7.69	13.7
M357770		3.24	<0.005	0.09	6.30	8.6	2560	1.20	0.25	1.69	0.04	53.9	8.3	9	7.31	5.9
M357771		6.52	<0.005	0.15	6.56	7.5	2470	1.48	0.33	2.22	0.24	46.7	6.7	10	11.20	3.3
M357772		4.48	0.016	5.25	6.32	17.0	2220	1.38	0.48	2.02	4.44	42.2	6.0	8	10.10	10.6
M357773		2.52	<0.005	0.20	6.50	7.0	2610	1.42	0.33	1.92	0.12	47.5	4.5	7	9.42	8.7
M357774		<0.02	0.006	0.15	6.46	6.9	2620	1.44	0.32	1.94	0.09	48.1	4.3	8	9.35	8.8
M357775		7.78	<0.005	0.15	6.60	9.4	2680	1.38	0.32	1.91	0.05	47.2	6.3	11	8.12	4.2
M357776		8.60	<0.005	0.15	6.47	9.3	2800	1.37	0.32	1.77	0.04	51.2	16.4	8	8.51	3.3
M357777		8.57	0.008	0.33	6.67	14.3	2860	1.46	0.39	1.99	0.17	55.9	15.6	8	10.95	4.7
M357778		6.04	0.006	0.28	6.78	24.5	2500	1.40	0.43	1.98	0.46	52.7	19.6	8	12.35	5.5
M357779		7.93	0.006	0.27	6.58	28.2	2560	1.50	0.30	2.13	0.85	53.4	13.7	10	10.90	8.2
M357780		0.26	0.773	10.05	6.21	1690	900	1.44	7.32	1.83	40.8	46.4	16.8	19	15.90	110.0
M357781		7.32	<0.005	0.16	6.87	14.7	3080	1.32	0.27	1.96	0.21	47.6	12.0	9	9.78	3.9
M357782		5.41	<0.005	0.11	6.24	26.2	3550	1.03	0.28	2.11	1.13	52.2	8.6	9	13.15	4.0
M357783		5.36	<0.005	0.05	6.29	11.4	4090	0.84	0.21	1.51	0.05	58.0	8.7	9	11.40	1.7
M357784		4.68	<0.005	0.10	6.53	11.3	4030	0.87	0.33	1.31	0.05	54.1	10.2	10	8.53	3.0
M357785		4.35	<0.005	<0.01	0.07	<5	40	0.07	0.03	20.0	0.07	1.44	0.6	<1	0.19	2.2
M357786		5.79	0.068	0.62	6.53	33.1	1400	1.09	0.90	2.39	0.28	59.1	30.6	7	12.55	5.7
M357787		5.19	<0.005	0.16	6.51	19.2	1360	1.38	0.26	2.18	0.11	46.8	3.1	8	12.25	2.0
M357788		5.23	0.011	0.19	6.74	36.7	1750	1.52	0.21	2.01	0.27	53.4	5.8	7	16.05	3.5
M357789		0.26	2.16	25.3	5.55	3230	650	1.36	21.3	2.15	74.4	43.0	10.9	19	13.55	424
M357790		3.98	<0.005	<0.01	7.11	49.5	690	1.36	0.06	3.24	0.14	57.4	10.8	42	31.2	6.3
M357791		2.61	0.264	4.01	6.62	193.5	2010	1.52	3.83	2.76	5.62	49.1	9.7	10	21.6	150.5
M357792		4.51	0.016	0.18	6.43	17.6	4640	1.15	0.41	2.12	0.12	48.9	8.4	7	12.00	7.7
M357793		5.27	<0.005	0.10	6.67	12.4	4270	1.23	0.29	1.98	0.07	60.3	7.1	8	13.50	10.3
M357794		2.85	<0.005	0.11	6.52	12.2	3860	1.09	0.31	2.27	0.04	62.5	4.6	6	13.20	6.4
M357795		1.24	0.121	0.63	6.37	31.1	3410	1.26	0.72	2.17	0.16	52.1	6.2	6	13.55	19.6
M357796		3.42	0.013	0.66	6.43	57.1	2010	1.09	0.34	2.29	1.33	55.0	5.8	6	11.95	5.5
M357797		4.18	0.022	1.30	6.40	148.0	1510	1.23	0.33	2.44	5.66	51.6	7.7	6	11.90	12.7
M357798		5.68	0.007	0.21	6.59	68.5	2540	1.43	0.32	2.27	0.23	59.6	3.3	10	10.45	4.3
M357799		6.13	<0.005	0.20	6.32	27.2	2790	1.48	0.40	1.98	0.05	38.8	2.5	8	9.21	2.7
M357800		2.66	0.019	1.16	6.43	184.0	2850	1.39	0.66	2.25	1.40	49.6	3.2	7	14.30	25.3
M357801		2.61	<0.005	0.02	0.07	<5	30	0.05	0.03	19.80	0.07	1.26	0.6	<1	0.45	2.2
M357802		9.00	<0.005	0.12	6.17	10.5	2660	1.23	0.32	2.59	0.05	44.1	3.9	7	11.50	2.0
M357803		3.36	0.051	1.89	6.62	34.3	1710	1.25	0.53	1.15	11.05	67.1	2.6	6	14.90	54.4
M357804		4.05	0.005	0.53	6.20	20.7	1150	1.28	0.45	1.67	3.21	32.7	1.5	7	11.05	15.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12216603

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357769		3.35	14.80	0.07	0.9	0.078	3.08	20.3	19.7	0.73	988	0.99	1.02	7.3	6.8	550
M357770		3.59	14.10	0.09	0.9	0.094	2.52	26.1	17.8	0.69	1320	0.92	1.55	6.8	3.1	530
M357771		3.81	15.55	0.07	1.0	0.097	2.96	21.4	29.0	0.86	1100	1.15	0.78	7.4	4.0	540
M357772		3.42	15.10	0.07	0.8	0.091	3.22	19.4	50.4	0.63	2650	0.61	0.60	7.4	3.8	500
M357773		3.63	15.75	0.10	1.0	0.089	3.14	21.8	22.0	0.59	1780	1.09	1.35	8.2	2.6	560
M357774		3.57	15.50	0.13	1.1	0.081	3.14	21.4	20.9	0.59	1740	0.77	1.33	7.9	2.3	550
M357775		2.98	16.00	0.09	1.0	0.073	2.97	21.8	15.5	0.62	840	0.93	1.42	8.2	2.7	520
M357776		3.90	15.00	0.09	0.9	0.075	2.96	24.6	18.0	0.68	1020	1.65	1.60	7.5	2.8	500
M357777		4.18	16.15	0.13	0.9	0.116	3.42	27.0	17.1	0.83	1400	1.62	0.79	7.9	2.9	510
M357778		3.23	15.55	0.10	1.0	0.067	3.15	26.3	20.5	0.79	1760	0.84	0.11	7.8	2.4	530
M357779		3.65	16.05	0.10	0.8	0.084	2.98	25.5	40.8	0.69	1230	1.75	0.71	8.0	2.7	520
M357780		5.01	15.50	0.08	1.4	0.941	2.71	22.2	26.2	0.67	1900	13.20	0.26	7.7	16.8	470
M357781		3.95	15.50	0.07	0.9	0.086	3.19	23.2	17.4	0.68	1180	0.78	1.33	7.5	2.7	540
M357782		3.97	14.80	0.09	1.0	0.152	3.53	26.0	13.4	0.83	2220	0.24	0.28	7.0	3.1	470
M357783		4.17	14.25	0.10	0.8	0.148	2.96	29.9	12.7	0.78	1340	0.44	1.17	6.9	2.5	490
M357784		4.08	14.90	0.09	0.8	0.135	3.06	28.7	20.2	0.67	1560	0.55	1.78	7.8	3.0	520
M357785		0.44	0.24	<0.05	<0.1	<0.005	0.03	0.7	1.1	12.00	203	0.16	0.01	0.2	1.5	180
M357786		5.38	15.25	0.14	0.8	0.280	2.85	33.3	32.9	0.92	3230	0.86	0.62	7.9	2.7	530
M357787		3.05	15.00	0.08	0.9	0.081	3.23	22.1	15.7	0.76	1920	0.53	0.24	7.7	2.8	530
M357788		3.78	15.90	0.10	0.8	0.165	3.54	27.5	20.4	0.88	2220	0.65	0.15	8.4	3.3	530
M357789		6.36	13.65	0.08	0.9	1.735	2.51	21.6	24.3	0.89	1830	12.35	0.04	5.9	15.9	410
M357790		3.48	19.25	0.26	4.1	0.038	2.43	27.4	66.8	1.42	745	1.38	0.29	11.4	18.5	1600
M357791		3.79	15.85	0.10	1.0	0.208	3.10	23.7	22.0	0.93	1150	15.85	0.62	7.2	5.2	580
M357792		3.97	13.75	0.09	0.7	0.112	3.65	24.0	10.2	0.88	1520	0.55	0.59	6.8	4.6	510
M357793		4.26	15.45	0.11	0.8	0.163	3.71	30.2	10.4	0.91	1690	0.55	0.62	7.8	3.5	530
M357794		3.83	14.45	0.12	0.9	0.147	3.65	30.7	12.5	0.89	1780	0.31	0.18	7.8	2.4	490
M357795		3.94	14.10	0.12	1.0	0.162	3.41	26.1	13.5	0.87	1760	0.43	0.33	7.8	2.7	500
M357796		4.33	14.90	0.08	0.9	0.140	3.50	26.3	11.4	0.85	3240	0.55	0.06	7.6	2.5	530
M357797		3.77	16.40	0.10	0.8	0.115	3.25	24.8	14.2	0.75	3250	0.47	0.04	7.7	2.7	500
M357798		3.49	16.30	0.13	0.9	0.113	3.54	29.0	8.5	0.75	1480	0.57	0.46	7.9	3.1	530
M357799		2.78	15.45	0.09	1.0	0.064	3.29	17.4	9.6	0.61	908	0.62	0.79	8.1	2.5	530
M357800		3.43	15.00	0.09	0.8	0.123	3.10	24.0	15.2	0.79	1120	6.61	0.29	7.4	2.7	510
M357801		0.43	0.25	<0.05	<0.1	<0.005	0.03	0.6	1.0	11.85	183	0.12	<0.01	0.2	1.4	160
M357802		3.59	14.65	0.11	0.8	0.155	3.58	21.1	10.9	0.85	1460	0.73	0.09	7.5	2.6	510
M357803		4.84	17.15	0.15	1.5	0.336	3.16	35.1	14.7	0.59	12350	0.90	0.03	7.7	2.6	490
M357804		4.76	15.30	0.08	0.8	0.258	3.09	15.5	9.4	0.71	10800	0.74	0.03	6.9	2.4	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12216603

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357769		13.5	115.5	<0.002	0.07	5.93	9.9	1	1.5	167.5	0.52	0.05	12.8	0.228	1.52	3.0
M357770		7.6	113.0	<0.002	0.08	3.54	10.1	1	1.4	171.5	0.54	<0.05	13.0	0.205	1.37	3.6
M357771		8.6	130.0	<0.002	0.12	5.38	10.2	1	1.5	148.5	0.60	<0.05	12.5	0.221	1.90	3.4
M357772		125.0	142.0	<0.002	0.36	6.43	8.9	2	2.0	173.0	0.55	0.06	11.7	0.219	2.08	3.5
M357773		16.4	133.0	<0.002	0.08	4.10	10.9	1	2.1	232	0.64	0.08	12.6	0.230	1.74	4.5
M357774		16.0	137.5	<0.002	0.08	4.14	10.7	1	2.0	233	0.66	<0.05	12.5	0.231	1.68	4.5
M357775		12.9	129.0	<0.002	0.12	5.92	10.4	2	1.8	222	0.65	<0.05	13.4	0.224	1.56	4.0
M357776		10.3	132.5	<0.002	0.30	3.60	9.9	1	1.5	200	0.57	<0.05	13.7	0.207	1.61	3.9
M357777		17.3	163.0	<0.002	0.39	5.17	10.5	1	1.8	151.5	0.62	0.07	14.9	0.218	2.16	5.3
M357778		37.0	158.0	<0.002	0.46	7.87	10.3	1	2.1	103.0	0.66	<0.05	15.5	0.227	2.35	6.1
M357779		52.6	149.5	<0.002	0.37	5.74	10.5	1	2.0	177.0	0.65	<0.05	15.0	0.227	2.01	4.2
M357780		1315	169.5	<0.002	2.99	32.6	9.2	1	5.4	146.0	0.62	0.28	13.0	0.199	2.35	5.9
M357781		12.7	145.5	<0.002	0.14	3.38	10.4	1	1.8	198.0	0.59	<0.05	14.7	0.227	2.04	3.9
M357782		16.9	176.5	<0.002	0.33	5.80	9.9	1	1.8	151.5	0.56	<0.05	13.8	0.199	2.37	3.1
M357783		4.8	141.0	<0.002	0.27	4.06	9.8	1	1.7	135.5	0.57	<0.05	14.8	0.196	2.05	1.5
M357784		7.4	130.0	<0.002	0.42	2.75	10.9	1	1.9	172.5	0.60	<0.05	15.1	0.224	1.60	4.6
M357785		1.5	2.1	<0.002	<0.01	0.10	0.2	1	0.2	45.0	<0.05	<0.05	0.3	<0.005	0.03	0.8
M357786		39.2	150.5	<0.002	1.25	5.67	11.1	2	2.1	142.5	0.63	0.15	15.3	0.231	2.26	4.3
M357787		10.9	150.0	<0.002	0.33	3.96	9.9	2	1.5	142.0	0.58	<0.05	12.6	0.221	2.45	4.3
M357788		16.1	185.5	<0.002	0.45	5.30	11.4	1	1.8	157.5	0.62	<0.05	15.1	0.228	2.53	4.4
M357789		2730	167.0	<0.002	4.66	87.2	8.2	1	7.1	87.5	0.47	0.33	11.0	0.173	2.31	5.7
M357790		12.1	68.4	<0.002	0.02	6.29	8.2	1	1.2	1180	0.66	<0.05	6.7	0.426	1.16	2.0
M357791		315	135.0	<0.002	1.29	16.35	10.4	1	4.0	313	0.57	0.21	11.5	0.241	2.01	4.0
M357792		14.4	164.0	<0.002	0.33	3.77	9.9	1	1.8	161.0	0.55	0.05	14.4	0.211	2.42	2.0
M357793		6.8	170.0	<0.002	0.28	4.34	11.1	1	2.4	158.0	0.58	<0.05	14.7	0.223	2.37	2.0
M357794		8.2	169.0	<0.002	0.31	4.83	9.6	1	2.2	141.5	0.64	0.06	14.5	0.217	2.37	3.9
M357795		25.8	170.5	<0.002	0.37	5.57	9.6	2	3.7	142.5	0.63	<0.05	15.2	0.210	2.29	4.9
M357796		88.6	183.0	<0.002	1.24	7.93	10.4	1	2.3	121.0	0.63	<0.05	14.2	0.211	2.52	3.8
M357797		183.0	165.5	<0.002	1.07	9.40	10.2	1	2.9	103.0	0.59	<0.05	12.4	0.217	2.64	2.7
M357798		11.6	169.5	<0.002	0.32	5.55	10.4	2	1.9	144.5	0.63	<0.05	13.4	0.223	2.42	3.0
M357799		7.3	131.0	<0.002	0.18	4.92	10.4	1	1.8	150.0	0.63	<0.05	11.6	0.235	2.24	4.8
M357800		75.3	169.0	<0.002	0.87	16.40	10.2	1	1.6	140.0	0.58	0.06	14.6	0.211	2.68	4.2
M357801		1.8	2.9	<0.002	0.01	0.19	0.2	1	0.2	47.3	<0.05	<0.05	0.2	<0.005	0.04	0.5
M357802		5.2	176.5	<0.002	0.19	4.55	9.7	1	1.6	113.0	0.59	<0.05	13.2	0.214	2.72	2.3
M357803		240	190.0	<0.002	0.43	22.5	10.6	1	2.5	81.3	0.57	<0.05	15.5	0.209	2.80	11.8
M357804		142.5	173.5	<0.002	0.34	9.80	10.1	1	2.3	60.4	0.55	<0.05	13.4	0.209	2.81	10.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12216603

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357769		64	2.4	13.4	63	21.1	<1
M357770		60	1.7	14.1	71	20.3	<1
M357771		62	2.2	13.5	89	22.7	<1
M357772		58	2.9	12.9	266	20.5	3
M357773		66	5.3	14.8	72	24.0	<1
M357774		65	4.8	14.1	71	24.4	1
M357775		62	2.0	14.6	55	26.0	1
M357776		60	1.7	13.5	67	21.8	<1
M357777		61	2.2	14.2	84	23.0	1
M357778		60	2.2	14.6	76	21.7	<1
M357779		61	1.9	14.5	126	21.1	<1
M357780		55	4.9	12.3	2850	34.8	10
M357781		62	2.1	13.4	71	20.9	<1
M357782		58	2.7	13.7	91	18.1	<1
M357783		55	2.9	12.7	61	18.9	<1
M357784		63	2.9	13.7	70	18.6	<1
M357785		2	0.1	0.9	13	<0.5	<1
M357786		62	4.5	17.0	102	18.7	1
M357787		60	2.6	13.1	56	20.0	<1
M357788		59	3.4	15.7	69	20.9	<1
M357789		55	4.7	10.4	5230	23.1	25
M357790		91	2.3	11.5	89	160.0	1
M357791		73	8.0	14.6	461	24.7	4
M357792		57	2.6	13.4	79	16.5	1
M357793		61	2.4	14.5	85	19.0	1
M357794		57	2.2	14.3	73	21.4	<1
M357795		57	2.2	13.9	83	22.0	<1
M357796		60	2.3	14.9	184	20.1	1
M357797		62	2.3	13.9	556	20.9	1
M357798		65	2.3	15.7	82	22.1	1
M357799		65	2.4	11.8	62	22.4	1
M357800		59	4.4	13.2	170	18.1	1
M357801		2	0.1	0.8	15	<0.5	<1
M357802		57	2.1	12.6	66	18.2	1
M357803		56	3.8	15.1	1170	18.2	2
M357804		55	3.4	13.7	419	17.0	1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-127

CERTIFICATE OF ANALYSIS WH12216603

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216604

Project: Klaza-128

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

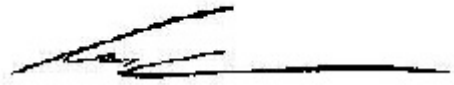
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216604

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358882		6.85	0.035	0.96	7.26	27.3	1050	1.42	1.92	1.49	2.28	46.6	10.0	10	9.97	54.0
M358883		0.26	2.29	24.5	5.68	3350	1310	1.29	18.70	2.11	75.8	39.3	11.7	18	14.65	423
M358884		4.19	0.040	0.88	6.96	57.1	600	1.47	1.12	2.01	1.45	42.9	9.0	9	15.05	74.6
M358885		7.04	0.030	0.44	6.71	42.7	810	1.75	0.74	2.36	0.70	36.0	10.3	10	17.75	104.0
M358886		3.16	0.408	3.09	4.39	183.0	390	0.81	5.70	4.37	1.70	21.7	31.4	5	7.81	55.6
M358887		3.58	<0.005	0.01	0.05	<5	30	<0.05	<0.01	20.7	0.07	1.22	1.3	<1	0.15	2.9
M358888		4.03	0.222	1.80	7.13	178.0	720	1.40	2.58	0.98	3.75	50.5	9.1	9	11.00	100.0
M358889		4.03	0.021	0.66	6.87	42.3	830	1.57	0.97	2.40	1.12	45.7	6.4	8	16.80	61.3
M358890		4.31	0.017	0.97	6.97	23.2	350	1.62	1.56	2.52	1.38	42.0	8.5	8	14.80	62.2
M358891		2.40	0.108	8.71	6.82	149.5	950	1.58	4.51	2.91	5.94	44.2	7.2	6	15.70	577
M358892		2.96	<0.005	0.02	0.07	<5	530	0.07	<0.01	20.6	0.07	1.30	1.3	<1	0.22	2.2
M358893		4.43	0.034	0.74	7.10	52.0	510	1.58	0.99	2.64	1.34	43.9	9.6	9	17.80	92.1
M358894		8.08	0.016	0.44	7.46	12.1	3100	1.74	0.66	2.37	0.45	47.1	7.3	11	11.45	118.0
M358895		5.30	0.013	0.46	6.17	12.8	910	1.30	1.03	6.53	0.54	44.2	7.9	7	13.15	90.1
M358896		5.10	0.012	0.31	7.49	18.0	1490	1.80	0.66	2.52	0.67	51.4	9.6	10	15.95	70.7
M358897		7.80	0.062	0.76	7.11	32.7	570	1.61	1.51	2.86	1.04	45.7	7.6	9	16.25	138.5
M358898		4.42	0.019	0.51	6.95	14.5	570	1.46	0.84	4.39	1.26	48.2	9.3	12	14.55	126.0
M358899		7.72	0.033	0.34	7.60	16.5	520	1.74	0.94	2.35	0.21	50.9	11.6	11	15.65	72.8
M358900		<0.02	0.027	0.31	7.39	14.7	600	1.81	0.78	2.32	0.18	47.4	10.3	9	15.90	72.8
M358901		4.38	0.024	0.47	6.95	19.5	1550	1.79	0.78	2.96	0.95	41.8	8.7	9	13.70	104.5
M358902		4.86	0.189	0.96	7.44	61.7	350	1.60	1.73	1.80	0.86	43.6	8.3	9	12.85	217
M358903		2.76	0.095	1.05	7.38	61.5	1100	1.32	1.92	2.09	2.01	44.7	9.3	10	12.05	115.5
M358904		5.38	0.019	0.43	7.96	26.8	2580	1.99	0.43	2.51	1.25	50.5	7.0	10	17.55	64.9
M358905		4.58	0.033	0.78	7.61	39.9	740	1.92	1.07	2.32	1.31	48.7	11.3	8	16.80	145.0
M358906		3.04	0.025	0.80	5.89	20.6	190	1.13	1.46	4.37	2.95	34.4	11.6	7	10.25	206
M358907		7.89	0.025	0.53	7.13	20.6	1690	1.81	0.80	3.60	0.32	45.0	9.4	9	13.90	178.5
M358908		4.29	0.026	2.31	7.33	50.1	250	1.57	1.26	2.13	17.85	45.3	9.5	12	14.25	157.5
M358909		0.26	0.841	9.18	6.26	1740	570	1.60	6.35	1.77	40.4	39.4	18.3	19	16.35	103.5
M358910		4.91	0.043	2.04	7.34	62.5	680	1.63	1.74	2.07	4.55	44.7	8.1	11	14.55	546
M358911		3.10	0.038	1.67	6.88	49.0	1290	1.37	2.89	2.15	1.55	37.6	13.7	7	10.85	163.0
M358912		7.07	0.052	0.88	7.29	49.5	400	1.65	1.30	2.20	0.98	41.6	7.9	9	13.20	173.5
M358913		2.62	1.165	1.89	7.01	90.5	930	1.58	1.99	1.15	5.35	43.2	15.0	9	19.70	138.0
M358914		5.25	0.016	0.62	7.24	21.5	580	1.80	0.76	2.24	0.85	47.1	7.0	9	12.50	121.0
M358915		2.28	0.018	0.49	7.30	17.9	910	1.78	0.67	2.47	0.64	48.5	6.4	8	12.45	103.0
M358916		4.76	0.030	0.78	6.74	46.0	520	1.48	1.06	2.86	3.22	40.4	9.3	8	15.15	105.5
M358917		6.70	0.068	0.46	7.25	46.1	910	1.69	0.71	2.09	0.30	46.4	10.4	10	15.05	120.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216604

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358882		5.04	15.85	0.20	0.9	0.265	3.48	24.9	8.9	0.62	659	2.57	0.06	3.6	3.0	570
M358883		6.11	14.90	0.17	0.9	1.730	2.54	21.8	22.3	0.85	1800	13.95	0.04	6.4	15.9	430
M358884		3.25	17.00	0.15	0.9	0.126	3.38	22.3	21.1	0.62	815	2.80	0.07	5.7	2.7	550
M358885		3.12	17.20	0.15	0.9	0.067	3.33	18.3	32.4	0.64	622	1.51	0.08	5.7	3.0	590
M358886		10.10	11.30	0.21	0.5	0.140	2.10	12.1	8.5	1.72	6220	9.07	0.04	2.3	2.6	350
M358887		0.45	0.27	0.05	<0.1	<0.005	0.02	0.6	0.9	12.45	203	0.21	<0.01	0.3	2.7	190
M358888		5.15	16.70	0.18	0.8	0.215	3.35	28.1	9.5	0.63	709	3.91	0.05	4.1	2.8	530
M358889		3.07	15.60	0.14	0.9	0.075	3.01	23.9	12.8	0.87	588	1.78	0.05	6.5	2.8	540
M358890		3.98	15.70	0.16	0.8	0.098	3.20	21.4	24.4	0.72	566	3.77	0.07	5.8	2.8	560
M358891		4.95	17.00	0.18	0.8	0.825	3.10	24.1	9.4	0.95	3780	1.40	0.04	5.0	2.9	530
M358892		0.46	0.28	0.05	<0.1	<0.005	0.03	0.6	1.0	12.30	205	0.21	<0.01	0.3	2.7	180
M358893		3.47	17.55	0.15	0.9	0.079	3.24	22.4	24.5	0.74	708	1.79	0.13	5.6	3.2	600
M358894		2.96	18.05	0.14	1.0	0.051	2.76	25.2	19.5	0.80	343	4.17	1.75	7.9	3.1	600
M358895		3.33	13.80	0.14	0.8	0.055	2.46	24.7	15.5	0.70	381	1.24	0.55	5.7	2.6	480
M358896		3.06	17.05	0.14	1.0	0.056	2.90	28.0	21.8	0.77	394	1.80	1.01	6.6	2.9	590
M358897		3.75	16.65	0.15	0.9	0.089	3.04	23.6	22.4	0.77	456	2.32	0.50	6.1	2.8	600
M358898		3.48	16.60	0.15	1.0	0.061	2.70	25.8	36.3	0.81	380	3.85	0.28	6.0	3.1	560
M358899		3.54	17.40	0.16	1.1	0.032	2.91	26.8	40.8	0.80	190	2.38	1.11	6.0	3.0	600
M358900		3.36	17.35	0.15	1.1	0.034	2.91	24.7	49.6	0.77	191	2.45	1.13	6.1	2.9	600
M358901		3.12	17.50	0.15	1.0	0.055	3.03	21.9	28.9	0.69	318	3.85	0.12	6.6	3.1	550
M358902		4.21	18.50	0.17	0.9	0.077	3.34	22.5	26.0	0.75	292	1.38	0.07	5.3	2.9	580
M358903		5.08	16.70	0.17	0.8	0.134	3.36	24.0	13.5	0.85	413	2.67	0.06	3.9	3.0	550
M358904		3.29	18.80	0.14	0.9	0.079	3.02	26.8	31.1	0.77	428	4.80	0.73	7.3	2.9	660
M358905		3.66	17.80	0.15	0.8	0.110	3.09	26.9	48.6	0.84	412	2.01	0.25	5.6	3.1	600
M358906		5.77	14.85	0.16	0.6	0.107	2.65	18.0	14.2	0.63	295	1.62	0.05	3.8	3.1	480
M358907		2.97	17.80	0.14	0.9	0.055	2.78	24.2	24.2	0.72	394	7.81	1.00	6.2	3.1	580
M358908		4.61	17.65	0.18	0.9	0.264	3.19	23.1	16.4	0.80	339	5.87	0.82	5.2	3.3	580
M358909		4.85	15.80	0.15	1.3	0.936	2.73	20.7	25.7	0.64	1860	12.70	0.25	7.9	15.8	470
M358910		3.78	19.65	0.17	0.8	0.159	3.25	24.2	18.8	0.77	373	11.10	0.76	5.1	3.0	580
M358911		5.45	18.60	0.18	0.8	0.089	3.09	20.0	21.5	0.62	291	1.63	0.07	4.0	3.3	580
M358912		4.04	17.35	0.17	0.8	0.078	3.18	21.9	25.1	0.73	320	1.85	0.69	5.8	2.8	570
M358913		5.32	16.65	0.17	0.8	0.272	3.23	23.1	12.9	0.57	487	4.44	0.05	3.7	3.2	540
M358914		3.87	16.75	0.15	0.9	0.132	2.87	24.6	30.1	0.86	406	5.16	0.65	6.6	3.0	610
M358915		3.76	16.55	0.15	0.8	0.104	2.82	26.1	30.1	0.95	456	4.03	0.61	6.8	3.0	600
M358916		3.40	15.65	0.15	0.8	0.156	3.13	20.9	17.4	0.76	585	2.67	0.06	5.6	2.8	560
M358917		3.31	17.15	0.15	0.8	0.060	2.94	24.2	39.0	0.68	310	2.75	0.66	6.1	2.9	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216604

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358882		132.0	184.0	<0.002	4.54	5.17	11.5	4	8.2	54.7	0.31	0.12	11.9	0.135	2.43	2.7
M358883		2720	167.5	<0.002	4.55	85.4	8.5	1	7.9	92.0	0.49	0.90	9.6	0.169	2.29	5.1
M358884		81.6	153.0	<0.002	2.36	6.92	10.8	2	5.3	111.5	0.47	0.08	11.1	0.179	2.72	2.6
M358885		28.5	131.5	<0.002	1.83	10.55	11.1	2	3.4	178.5	0.44	0.07	8.8	0.186	2.61	3.9
M358886		148.0	131.0	<0.002	9.93	18.25	6.6	3	8.8	74.5	0.18	1.29	7.1	0.075	1.47	2.7
M358887		1.5	1.3	<0.002	0.02	0.06	0.2	1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M358888		171.5	198.5	<0.002	4.62	17.60	11.3	3	9.7	46.3	0.32	0.19	11.4	0.152	2.56	2.4
M358889		43.6	134.0	<0.002	1.98	7.76	10.4	2	6.0	85.7	0.57	0.08	11.9	0.189	2.34	5.4
M358890		69.9	138.5	<0.002	3.23	6.26	10.8	3	5.4	111.0	0.45	0.18	10.4	0.178	2.36	3.4
M358891		785	171.0	<0.002	4.83	64.8	10.9	3	9.8	70.1	0.41	0.15	11.6	0.165	2.77	2.9
M358892		2.2	1.7	<0.002	0.03	0.12	0.2	1	<0.2	58.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M358893		50.6	146.5	<0.002	2.60	11.45	10.9	2	5.6	124.0	0.45	0.13	10.9	0.188	2.63	2.7
M358894		30.1	112.0	<0.002	1.07	5.44	11.7	1	3.4	334	0.62	0.07	11.4	0.223	1.56	4.5
M358895		31.9	117.0	<0.002	2.44	4.03	9.8	2	3.6	265	0.46	0.17	11.2	0.165	1.52	3.2
M358896		23.6	127.5	<0.002	1.78	5.51	11.3	2	3.0	174.5	0.54	0.07	13.1	0.197	1.75	5.0
M358897		50.5	139.0	<0.002	2.77	5.35	11.3	2	4.5	119.0	0.51	0.08	11.1	0.185	2.14	3.5
M358898		50.6	123.5	<0.002	2.43	8.27	11.8	2	3.2	186.0	0.50	0.11	12.2	0.182	1.88	3.5
M358899		23.5	119.5	<0.002	2.52	5.48	11.7	2	2.6	221	0.51	0.14	12.8	0.191	1.50	4.6
M358900		21.8	112.0	<0.002	2.30	5.80	11.4	2	2.5	217	0.51	0.11	12.0	0.190	1.58	4.5
M358901		45.3	116.0	<0.002	1.84	6.75	10.9	2	3.1	117.0	0.59	0.11	11.8	0.192	1.86	3.9
M358902		45.1	149.5	<0.002	3.36	9.89	11.8	2	4.6	76.0	0.45	0.18	11.3	0.168	2.04	2.9
M358903		66.5	172.5	0.002	4.72	7.37	11.8	4	6.5	59.8	0.31	0.13	11.2	0.142	2.15	2.9
M358904		58.6	126.5	<0.002	1.27	11.15	13.3	2	2.4	244	0.57	0.05	12.4	0.238	1.98	6.8
M358905		60.2	144.5	0.002	2.62	8.38	12.3	2	4.1	88.4	0.43	0.11	12.1	0.189	2.01	4.2
M358906		80.5	121.0	<0.002	5.89	10.80	9.1	4	7.5	128.5	0.29	0.18	9.0	0.128	1.52	2.6
M358907		28.0	109.0	0.004	1.60	7.90	11.4	2	2.6	219	0.48	0.06	10.8	0.196	1.67	6.2
M358908		307	143.5	0.003	3.90	3.56	11.9	3	4.8	202	0.41	0.08	11.5	0.171	2.18	4.0
M358909		1280	156.0	0.002	2.91	33.5	9.4	1	5.8	146.5	0.64	0.31	10.4	0.190	2.40	4.9
M358910		115.5	168.0	0.004	2.89	5.99	11.6	3	6.4	130.0	0.39	0.25	12.0	0.163	2.30	4.9
M358911		78.4	159.0	<0.002	5.26	6.64	11.4	4	8.8	64.8	0.31	0.80	10.6	0.143	1.92	9.0
M358912		50.7	144.0	0.002	2.89	6.04	11.4	2	4.7	204	0.46	0.12	11.4	0.183	2.04	5.1
M358913		155.5	177.5	<0.002	5.49	16.55	11.2	3	13.2	49.6	0.29	0.20	10.9	0.142	2.42	2.5
M358914		37.5	124.5	<0.002	2.17	10.80	12.7	2	6.4	208	0.49	0.06	10.7	0.203	1.87	4.9
M358915		33.9	126.0	<0.002	1.77	9.46	12.2	2	5.7	207	0.50	0.07	11.0	0.208	1.80	3.5
M358916		141.0	131.5	<0.002	2.60	9.19	10.9	2	4.7	99.1	0.42	0.06	9.5	0.178	2.33	2.8
M358917		24.2	127.0	<0.002	1.84	10.85	11.8	2	3.9	206	0.47	0.05	11.2	0.197	1.81	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216604

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358882		66	17.9	11.4	218	22.1	<1
M358883		56	5.2	11.1	5390	26.3	24
M358884		65	6.1	11.9	165	23.2	1
M358885		70	4.7	12.0	112	23.3	<1
M358886		44	8.5	8.2	200	13.5	3
M358887		2	0.1	0.9	16	<0.5	<1
M358888		67	14.6	11.5	263	21.6	2
M358889		64	9.7	12.6	131	23.1	<1
M358890		67	12.0	12.5	141	20.8	<1
M358891		62	7.4	12.0	454	20.5	8
M358892		2	0.1	0.9	17	<0.5	<1
M358893		69	4.9	12.6	131	23.5	<1
M358894		70	2.7	14.1	72	24.2	<1
M358895		56	9.1	14.8	73	20.6	<1
M358896		68	6.8	14.7	83	24.3	<1
M358897		68	11.4	13.5	111	23.2	<1
M358898		69	6.2	14.0	131	24.2	<1
M358899		69	3.7	13.6	50	26.4	<1
M358900		68	3.6	12.8	51	27.4	<1
M358901		65	3.8	12.5	103	25.7	<1
M358902		68	4.7	12.0	97	22.2	1
M358903		69	10.6	11.6	186	20.0	1
M358904		80	3.4	13.4	163	22.6	<1
M358905		72	9.6	14.3	143	21.2	1
M358906		56	15.6	11.7	204	16.6	<1
M358907		69	4.2	13.9	74	23.1	<1
M358908		70	6.5	13.7	1180	22.7	1
M358909		56	5.3	12.1	2920	38.5	8
M358910		66	4.7	13.7	364	21.6	1
M358911		69	13.1	12.1	134	21.2	2
M358912		67	6.9	12.6	111	22.2	<1
M358913		68	13.7	11.0	433	22.0	1
M358914		75	9.3	13.8	113	23.2	<1
M358915		73	7.2	14.4	100	21.7	<1
M358916		67	10.3	12.3	258	21.3	1
M358917		67	4.1	12.7	61	21.9	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216604

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216605

Project: Klaza-128

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

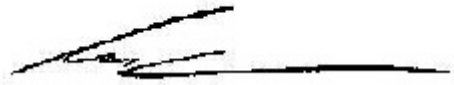
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216605

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358918		7.94	0.038	5.09	6.87	39.4	880	1.48	7.32	3.20	3.13	44.2	7.3	7	24.8	139.0
M358919		7.67	0.073	0.39	7.17	36.3	1400	1.50	0.99	2.22	0.24	46.9	8.1	9	14.15	159.5
M358920		6.69	0.043	0.45	7.06	23.3	1490	1.66	0.51	2.23	0.30	51.4	10.0	9	13.80	171.0
M358921		<0.02	0.043	0.41	7.19	22.2	1630	1.69	0.49	2.25	0.28	50.6	10.1	11	13.90	170.0
M358922		2.32	0.070	2.82	7.21	184.5	980	1.50	2.16	1.25	8.50	60.2	10.2	7	15.65	510
M358923		8.59	0.098	1.17	7.40	84.9	750	1.61	2.37	1.93	0.53	48.2	8.7	10	14.60	185.0
M358924		3.10	0.036	0.63	7.29	48.0	1540	1.58	0.63	2.21	3.18	42.5	7.5	8	15.60	140.5
M358925		5.99	0.178	0.76	7.44	48.0	860	1.53	1.05	2.31	0.92	48.4	10.4	9	14.40	147.0
M358926		5.47	0.043	0.83	7.67	56.9	1410	1.45	1.26	2.02	1.98	55.0	11.1	9	15.65	163.5
M358927		0.26	2.17	24.9	6.06	3280	1820	1.36	19.75	2.09	80.2	47.4	11.8	18	15.20	425
M358928		4.39	0.026	0.64	7.42	57.6	710	1.48	1.15	2.29	0.97	45.6	7.1	9	14.55	175.0
M358929		5.02	0.025	0.54	7.82	39.4	1260	1.45	1.13	2.01	1.34	54.4	7.1	8	15.45	119.5
M358930		3.14	0.032	0.64	7.52	32.9	1410	1.30	1.62	1.63	2.41	47.5	7.2	9	12.50	72.7
M358931		4.08	0.030	0.87	7.85	54.4	1320	1.42	1.39	1.87	1.50	55.1	7.0	8	15.95	162.0
M358932		3.14	0.208	4.20	7.15	164.5	1470	1.23	3.13	1.13	9.39	52.3	9.5	8	10.90	557
M358933		3.31	<0.005	0.02	0.08	<5	40	0.05	0.03	20.2	0.10	1.53	1.3	<1	0.26	2.8
M358934		7.18	0.025	0.62	7.82	39.9	1780	1.51	0.73	2.28	0.59	50.7	9.0	9	17.85	92.6
M358935		2.84	0.184	1.75	8.19	207	1120	1.73	2.45	1.54	1.13	53.9	8.2	10	21.4	238
M358936		8.31	0.005	0.12	7.24	16.7	1810	1.83	0.12	3.00	0.11	53.9	7.5	18	16.95	8.2
M358937		0.22	4.40	>100	5.57	7860	1460	1.12	57.2	1.87	221	35.2	9.8	17	11.70	1260
M358938		9.61	<0.005	0.14	7.22	18.9	2110	2.26	0.16	3.06	0.21	69.1	8.8	15	17.10	7.9
M358939		3.99	0.006	0.21	7.43	23.8	1480	2.00	0.20	3.13	0.08	57.8	7.8	15	14.85	7.9
M358940		6.46	0.014	0.51	7.56	49.6	1750	1.93	0.15	3.04	0.16	56.1	7.4	16	14.70	7.1
M358941		2.54	0.013	0.45	7.48	45.0	1270	1.99	0.14	3.01	0.17	53.8	8.0	15	14.65	8.4
M358942		3.02	0.202	1.75	7.22	192.5	370	1.00	4.29	0.68	4.63	45.8	8.4	10	6.53	52.5
M358943		4.90	1.150	10.85	5.46	653	460	1.01	19.95	1.05	45.4	31.0	7.5	5	9.15	304
M358944		2.85	<0.005	0.03	0.08	<5	30	0.06	0.04	20.4	0.12	1.26	1.4	<1	0.27	2.4
M358945		5.97	0.044	1.12	7.27	87.7	860	1.57	1.00	1.87	2.50	52.7	12.8	7	13.25	106.5
M358946		2.77	0.803	23.6	6.83	581	1030	1.23	30.1	1.33	48.8	41.3	11.6	7	12.20	792
M358947		4.61	0.041	0.77	8.06	39.0	2130	1.53	0.89	1.61	0.90	51.7	7.5	8	12.45	112.0
M358948		4.84	0.194	0.63	7.51	33.8	2190	1.46	1.46	2.07	0.42	51.6	6.9	10	14.95	136.0
M358949		7.29	0.101	1.21	7.29	20.1	1610	1.50	2.56	2.25	0.80	49.9	8.7	11	14.10	110.0
M358950		3.21	1.495	1.30	7.54	88.6	1100	1.24	4.46	1.38	0.43	49.5	10.0	8	12.00	402
M358951		4.00	0.701	0.66	7.29	46.6	510	1.22	1.65	1.87	0.34	41.4	9.1	7	13.50	118.0
M358952		7.13	0.210	0.60	7.28	63.0	1240	1.48	0.91	2.17	0.73	57.2	8.3	9	15.35	167.0
M358953		8.72	0.065	0.59	7.36	20.5	1360	1.46	1.30	2.22	0.54	51.6	6.6	9	13.75	150.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216605

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358918		3.06	15.55	0.14	0.9	0.181	2.73	22.9	28.8	0.64	472	1.61	0.07	5.8	1.6	540
M358919		2.93	16.30	0.14	1.0	0.048	2.68	24.5	35.1	0.70	220	3.95	0.83	6.5	1.7	550
M358920		2.93	16.50	0.14	1.0	0.043	2.80	27.2	17.5	0.71	239	3.05	1.12	7.3	1.8	540
M358921		2.91	16.45	0.18	1.1	0.039	2.80	27.1	16.8	0.72	242	3.27	1.14	7.2	1.8	530
M358922		4.00	16.20	0.21	0.9	0.649	2.85	34.2	21.0	0.66	305	8.64	0.04	4.9	2.0	510
M358923		3.57	16.85	0.16	0.9	0.082	3.00	25.4	22.6	0.69	279	1.47	0.68	6.3	2.0	540
M358924		2.71	15.75	0.14	1.0	0.101	2.88	22.4	19.1	0.86	328	1.52	0.86	5.6	1.5	510
M358925		3.34	16.40	0.15	0.8	0.079	3.03	25.4	20.7	0.79	347	1.04	1.04	6.0	1.8	570
M358926		3.69	16.10	0.21	0.8	0.176	3.16	30.1	24.9	0.88	369	2.70	0.24	4.4	2.2	560
M358927		6.44	14.45	0.17	0.9	1.945	2.54	26.4	25.7	0.91	1820	12.60	0.03	6.1	15.2	440
M358928		3.33	15.70	0.16	0.7	0.078	2.70	23.9	28.8	0.75	252	1.00	0.98	4.7	1.8	560
M358929		3.56	16.10	0.18	0.8	0.095	2.93	29.4	25.4	0.85	400	1.47	0.05	5.1	1.6	570
M358930		4.74	14.90	0.20	0.7	0.085	3.08	24.2	16.4	0.76	307	1.54	0.05	4.5	2.0	570
M358931		3.61	16.05	0.17	0.7	0.115	3.37	30.5	9.6	0.89	437	1.41	0.05	4.8	2.2	570
M358932		6.20	14.95	0.23	0.6	0.829	3.17	28.9	8.8	0.69	449	3.76	0.05	2.9	2.9	480
M358933		0.47	0.28	<0.05	<0.1	0.011	0.04	0.8	1.1	12.70	201	0.11	<0.01	0.3	<0.2	190
M358934		3.24	16.30	0.15	0.8	0.062	2.96	27.2	23.1	0.89	426	1.43	0.28	5.5	1.7	570
M358935		4.70	20.2	0.20	1.2	0.259	3.50	27.9	13.1	0.75	442	2.06	0.06	5.5	3.4	680
M358936		2.55	18.85	0.16	3.3	0.038	2.91	25.9	17.5	1.07	699	2.02	0.66	10.6	5.5	1090
M358937		7.71	12.70	0.22	0.9	5.19	2.24	18.1	32.3	0.63	3030	14.15	0.07	5.5	12.9	450
M358938		2.43	21.7	0.19	3.6	0.043	3.03	34.6	30.6	1.11	817	1.50	0.04	12.4	5.8	980
M358939		2.39	18.75	0.18	3.1	0.031	3.33	28.7	14.3	1.10	819	1.90	0.05	10.5	5.1	1000
M358940		2.33	18.25	0.17	3.1	0.033	3.32	27.8	12.9	1.21	913	2.78	0.04	10.1	5.6	1020
M358941		2.29	18.30	0.16	3.1	0.033	3.24	26.4	12.8	1.22	891	2.54	0.05	10.3	5.6	1010
M358942		4.99	17.80	0.23	1.0	0.166	3.32	24.8	13.3	0.53	291	2.49	0.07	4.4	3.3	630
M358943		11.15	12.70	0.35	0.6	0.785	2.22	16.6	20.1	0.58	773	3.42	0.04	3.0	2.1	440
M358944		0.49	0.28	<0.05	<0.1	0.006	0.03	0.6	1.0	12.85	219	0.12	<0.01	0.4	<0.2	170
M358945		4.18	14.05	0.22	0.8	0.186	3.10	29.4	11.0	0.89	1280	6.90	0.04	5.1	3.8	500
M358946		7.61	14.85	0.29	0.7	1.230	2.81	21.9	12.6	0.67	662	3.27	0.04	3.6	3.9	500
M358947		3.33	17.20	0.19	0.7	0.106	3.28	27.2	23.6	0.73	596	1.30	0.09	6.7	2.2	620
M358948		3.71	16.30	0.18	0.7	0.112	2.86	27.2	33.1	0.79	433	2.11	0.53	7.0	2.3	570
M358949		3.34	16.10	0.17	0.7	0.087	2.86	26.7	19.6	0.69	329	1.72	1.34	6.7	2.3	580
M358950		4.96	16.40	0.23	0.8	0.103	3.37	27.2	14.5	0.72	246	7.60	0.16	3.8	2.6	510
M358951		4.77	15.20	0.19	0.6	0.071	2.97	21.2	22.3	0.72	356	4.03	0.08	4.5	2.2	530
M358952		3.32	16.20	0.16	0.7	0.082	3.19	32.9	18.0	0.77	386	4.42	0.52	4.9	2.0	550
M358953		3.31	15.60	0.16	0.7	0.065	3.15	27.9	14.3	0.73	318	3.83	0.86	6.2	1.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216605

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358918		159.5	99.0	0.002	1.78	12.45	9.9	2	3.7	159.5	0.53	0.09	11.6	0.187	1.95	7.2
M358919		20.3	92.8	0.009	1.52	10.20	10.7	2	3.5	296	0.60	0.09	12.7	0.205	1.49	4.6
M358920		21.9	96.6	0.003	1.42	7.08	11.1	2	3.5	334	0.76	0.07	12.9	0.209	1.61	5.2
M358921		21.1	99.7	0.003	1.38	6.78	11.3	2	3.5	337	0.76	0.06	13.0	0.210	1.59	5.4
M358922		149.0	141.0	0.006	3.62	40.2	9.9	3	8.1	65.4	0.47	0.22	13.7	0.161	2.23	8.1
M358923		55.7	118.0	<0.002	2.25	12.35	10.6	2	5.3	222	0.61	0.13	13.1	0.195	1.86	4.9
M358924		135.0	117.0	0.002	1.67	4.28	9.7	2	3.5	207	0.65	0.07	13.0	0.166	2.03	4.9
M358925		46.0	122.0	<0.002	2.02	2.65	10.7	2	5.2	379	0.58	0.10	12.1	0.197	1.95	4.1
M358926		64.5	140.0	0.003	2.98	4.97	10.8	3	7.4	129.0	0.38	0.14	13.0	0.173	2.15	4.1
M358927		2740	154.5	<0.002	4.62	95.3	9.0	3	8.6	91.8	0.52	0.41	12.2	0.175	2.52	5.6
M358928		39.3	111.0	<0.002	2.30	5.35	10.6	2	4.2	385	0.39	0.11	11.9	0.168	1.75	4.0
M358929		45.6	128.5	<0.002	2.46	31.7	11.2	2	4.9	103.5	0.42	0.07	13.6	0.187	2.23	4.8
M358930		73.8	126.0	<0.002	4.21	17.55	11.5	4	6.5	80.9	0.38	0.15	12.5	0.174	1.98	3.1
M358931		60.8	157.5	<0.002	2.76	24.4	11.4	3	5.1	79.0	0.42	0.20	14.0	0.182	2.60	4.0
M358932		286	147.0	0.006	6.24	24.8	9.9	4	9.7	51.9	0.26	0.28	14.5	0.119	2.35	2.7
M358933		2.1	1.8	<0.002	0.02	0.12	0.4	2	<0.2	48.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
M358934		36.5	137.0	<0.002	1.78	12.70	11.1	3	3.2	243	0.47	<0.05	13.0	0.197	2.40	3.9
M358935		117.0	180.5	<0.002	4.10	15.35	10.7	2	10.0	131.0	0.44	0.14	12.0	0.203	2.85	6.0
M358936		11.7	92.8	<0.002	0.11	11.60	7.1	2	1.5	252	0.80	<0.05	8.3	0.294	2.16	4.1
M358937		9260	122.0	0.002	6.83	220	7.8	4	9.1	121.0	0.47	0.49	9.5	0.179	2.22	5.3
M358938		14.8	126.0	<0.002	0.06	12.35	8.6	2	1.6	188.5	0.88	<0.05	10.7	0.264	2.94	8.0
M358939		10.3	119.5	<0.002	0.15	9.56	7.3	2	1.4	172.0	0.78	<0.05	9.4	0.273	3.09	5.3
M358940		11.0	131.0	<0.002	0.62	12.95	7.4	2	1.4	140.5	0.77	<0.05	9.6	0.281	2.89	11.1
M358941		10.3	126.5	0.002	0.55	12.40	7.4	2	2.0	130.5	0.76	<0.05	9.3	0.274	2.85	11.0
M358942		137.0	199.5	<0.002	5.04	12.15	10.2	2	12.5	45.7	0.37	0.17	12.1	0.155	2.39	3.7
M358943		1280	118.5	<0.002	>10.0	65.8	7.9	4	13.5	213	0.26	0.55	10.4	0.113	1.85	3.2
M358944		3.1	1.8	<0.002	0.01	0.17	0.4	2	<0.2	46.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358945		115.0	158.5	<0.002	3.53	17.20	10.3	3	11.2	80.1	0.46	0.07	14.9	0.171	2.78	2.7
M358946		2060	129.0	<0.002	8.21	105.0	10.0	7	17.0	85.3	0.33	0.80	12.0	0.148	2.34	4.6
M358947		116.0	131.0	<0.002	1.29	13.00	11.5	2	4.9	110.0	0.54	0.06	12.2	0.223	2.57	2.5
M358948		32.9	103.5	<0.002	1.19	10.30	11.5	2	4.8	210	0.58	0.07	12.2	0.229	1.85	3.4
M358949		39.6	102.0	<0.002	1.53	5.44	11.0	2	4.6	332	0.54	0.08	11.8	0.221	1.61	3.3
M358950		31.0	169.0	0.002	4.44	17.80	10.5	3	10.9	86.0	0.44	0.23	16.4	0.129	2.04	4.5
M358951		34.2	107.5	0.003	3.64	12.65	10.5	3	5.3	84.8	0.38	0.15	10.9	0.174	1.95	3.4
M358952		38.7	124.5	<0.002	1.87	11.35	10.7	2	5.5	151.5	0.43	0.13	11.6	0.180	2.13	4.6
M358953		44.2	113.0	0.002	1.60	6.75	10.8	2	4.0	215	0.54	0.06	11.4	0.206	1.98	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216605

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358918		63	6.3	12.0	219	23.6		
M358919		65	3.6	12.0	51	24.6		
M358920		65	2.3	12.6	50	24.0		
M358921		66	2.3	12.6	49	24.3		
M358922		57	12.0	11.6	501	21.1		
M358923		63	5.1	11.9	67	23.2		
M358924		59	6.7	12.3	244	22.4		
M358925		64	4.2	12.1	92	20.7		
M358926		64	50.1	11.8	167	19.8		
M358927		56	5.5	10.2	5370	25.3		
M358928		62	8.2	12.5	103	19.3		
M358929		65	9.8	11.7	130	19.7		
M358930		68	15.8	11.8	204	18.6		
M358931		67	9.7	11.5	141	19.7		
M358932		59	9.5	9.0	652	17.0		
M358933		2	0.1	0.8	15	<0.5		
M358934		67	3.7	12.5	83	21.1		
M358935		70	7.4	9.4	120	41.9		
M358936		64	1.8	11.9	71	129.0		
M358937		53	4.6	8.9	>10000	28.8	120	1.610
M358938		58	1.7	14.9	80	141.0		
M358939		60	1.8	12.6	65	123.5		
M358940		61	2.2	13.4	61	125.0		
M358941		61	2.1	13.4	57	125.0		
M358942		62	9.8	7.8	339	32.7		
M358943		46	9.0	8.0	3540	17.8		
M358944		2	0.1	0.8	18	0.5		
M358945		61	13.7	11.6	241	19.4		
M358946		63	7.1	10.0	4420	16.3		
M358947		68	5.5	12.4	109	18.3		
M358948		72	6.1	12.6	88	16.7		
M358949		70	5.5	12.3	98	16.8		
M358950		60	4.8	11.1	59	20.3		
M358951		64	5.5	10.8	68	15.9		
M358952		66	3.4	12.1	100	17.0		
M358953		72	6.3	12.1	83	17.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216605

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216606

Project: Klaza-126

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

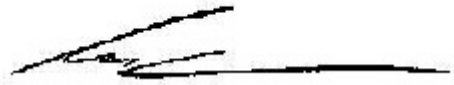
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216606

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359807		3.56	0.037	0.58	7.12	10.1	150	1.32	1.08	2.41	0.49	38.6	8.6	9	13.50	109.5
M359808		5.49	0.072	0.67	7.57	16.2	130	1.13	2.79	2.30	0.37	38.5	9.7	8	12.50	134.5
M359809		7.73	0.059	0.79	7.50	18.9	170	1.00	2.95	2.48	0.69	44.0	10.4	7	13.05	108.0
M359810		2.44	0.065	0.39	7.61	12.6	2000	1.06	0.92	3.38	0.40	41.0	7.7	7	14.70	108.5
M359811		5.54	1.580	1.54	7.27	62.0	220	1.24	3.12	2.52	0.65	40.5	7.6	6	18.25	220
M359812		7.79	0.266	1.83	7.56	56.0	310	1.41	2.13	1.44	9.09	41.8	6.0	6	16.95	178.0
M359813		0.26	2.26	25.6	5.84	2820	1060	1.15	19.10	2.26	75.9	43.3	10.6	20	14.30	459
M359814		6.62	0.123	1.10	7.66	102.0	350	1.20	2.22	1.71	1.57	40.9	8.7	6	14.35	81.8
M359815		2.63	0.153	1.32	5.86	131.0	110	0.65	2.88	3.46	1.84	34.5	6.6	4	5.57	56.0
M359816		3.21	0.214	0.91	7.37	93.9	170	1.02	2.39	0.85	1.02	41.9	10.2	5	7.43	27.2
M359817		2.56	1.560	2.50	7.34	254	120	1.24	3.76	1.56	3.76	39.6	8.4	6	10.65	401
M359818		2.17	<0.005	0.02	0.08	<5	20	0.06	0.02	21.2	0.07	1.50	1.2	<1	0.16	2.7
M359819		6.35	0.033	0.60	7.49	16.0	570	1.17	1.19	4.12	0.65	34.3	8.7	7	15.30	132.0
M359820		2.62	0.073	0.62	7.90	34.0	280	1.24	1.93	2.24	0.61	36.7	11.1	8	13.50	79.3
M359821		2.57	0.817	4.79	6.66	592	50	0.57	12.65	1.24	1.87	37.2	11.0	9	4.84	88.9
M359822		7.05	0.092	1.86	8.37	49.7	540	1.61	4.68	1.81	0.59	43.0	11.3	8	11.90	503
M359823		<0.02	0.086	1.72	8.40	57.1	540	1.50	3.74	1.76	0.61	43.6	11.1	8	11.80	492
M359824		2.65	0.085	1.00	7.90	14.7	620	1.57	2.04	2.93	0.39	35.7	12.8	6	14.65	366
M359825		4.66	0.050	0.47	7.07	17.1	180	1.31	1.51	3.69	0.47	29.5	10.4	6	14.45	85.9
M359826		5.10	0.234	2.08	7.32	170.5	80	1.18	3.48	1.91	1.42	34.4	10.4	6	13.00	122.0
M359827		5.19	0.045	0.66	7.55	30.9	520	1.44	1.06	3.78	0.50	32.8	9.8	7	12.70	174.0
M359828		0.26	0.823	10.00	6.87	1540	560	1.37	6.15	1.95	41.9	44.9	16.8	20	17.35	112.5
M359829		3.54	0.025	0.62	8.28	26.3	500	1.33	2.04	1.94	0.76	39.6	9.0	6	14.70	126.5
M359830		7.58	0.013	0.34	7.90	8.0	1190	1.25	0.75	3.54	0.46	36.2	6.8	7	12.50	118.5
M359831		4.30	0.132	0.45	7.82	49.4	810	1.50	1.71	2.88	0.72	35.8	14.0	5	13.25	202
M359832		1.64	0.021	0.33	7.63	42.2	910	1.43	0.71	3.18	0.57	35.4	10.2	5	12.35	222
M359833		3.47	0.022	0.39	7.41	33.5	720	1.48	0.92	3.64	0.91	38.5	13.0	5	14.15	153.5
M359834		7.95	0.058	0.50	7.37	25.3	720	1.40	1.28	3.81	0.98	35.4	7.5	5	17.30	185.5
M359835		4.08	0.027	0.40	7.40	11.5	460	1.29	1.42	3.95	0.28	32.3	5.7	6	13.15	166.5
M359836		4.23	0.042	0.49	7.31	27.7	230	1.33	2.26	3.17	0.71	32.5	13.9	6	19.65	181.0
M359837		2.94	0.035	0.48	7.72	52.2	320	1.33	2.50	2.27	0.75	44.8	15.8	5	20.2	202
M359838		4.10	0.059	0.52	7.39	37.0	180	1.17	1.89	2.42	1.10	47.7	11.7	6	17.95	126.0
M359839		8.06	0.030	1.18	7.19	68.4	100	1.09	3.57	1.85	0.70	41.4	12.0	6	13.15	245
M359840		3.58	0.037	0.90	7.68	68.6	350	1.51	1.17	2.60	1.54	30.5	32.1	5	21.5	270
M359841		4.00	0.222	4.26	7.11	223	160	1.34	7.39	1.26	6.64	49.7	10.4	7	13.00	596
M359842		2.85	<0.005	0.01	0.07	<5	20	0.06	0.03	20.7	0.06	1.22	1.2	<1	0.21	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216606

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359807		4.65	15.80	0.16	1.0	0.067	2.65	19.5	14.5	0.70	389	6.24	0.84	4.9	2.9	590
M359808		5.80	19.50	0.22	1.6	0.140	2.98	15.1	19.2	1.27	426	8.03	0.56	2.7	1.9	930
M359809		5.71	18.55	0.21	1.6	0.104	2.71	20.5	21.4	1.21	345	8.32	0.56	3.3	1.7	940
M359810		5.35	22.0	0.21	1.8	0.130	1.79	20.7	32.2	1.46	464	4.31	1.02	7.0	2.1	950
M359811		6.02	19.65	0.22	1.5	0.224	3.25	20.2	16.0	1.07	1220	3.73	0.05	4.5	1.8	870
M359812		7.72	19.00	0.24	1.5	0.517	3.34	21.7	18.0	1.02	1220	4.98	0.07	4.3	1.6	870
M359813		6.44	14.65	0.19	0.9	1.820	2.65	24.5	23.8	0.89	1980	14.20	0.04	6.1	15.4	430
M359814		6.56	20.1	0.22	1.4	0.220	3.53	19.7	9.4	0.92	1200	0.89	0.07	3.0	2.2	910
M359815		9.38	13.30	0.24	1.1	0.120	2.72	17.7	9.1	1.67	1780	6.52	0.05	2.6	2.5	690
M359816		8.27	17.40	0.24	1.3	0.214	3.60	19.8	10.3	0.80	994	2.88	0.06	2.0	2.0	850
M359817		8.83	19.60	0.23	1.2	0.433	3.07	18.9	20.8	0.97	1040	4.70	0.04	3.0	2.0	860
M359818		0.48	0.30	0.13	<0.1	0.006	0.03	0.8	1.5	12.55	208	0.08	0.01	0.4	1.8	190
M359819		5.56	20.5	0.19	1.4	0.091	1.99	15.8	28.7	1.32	577	3.70	0.71	5.7	2.1	960
M359820		6.31	18.25	0.20	1.2	0.125	3.22	17.4	22.0	1.10	511	3.60	0.10	3.7	2.2	930
M359821		12.70	18.90	0.26	1.0	0.104	3.29	16.7	5.6	0.73	588	5.13	0.08	2.1	2.3	800
M359822		6.05	23.0	0.19	1.6	0.212	2.52	19.9	32.6	0.93	664	3.17	0.04	5.6	2.0	1300
M359823		6.08	22.6	0.22	1.5	0.198	2.53	20.5	30.3	0.90	653	3.44	0.04	5.6	2.1	1270
M359824		6.27	23.4	0.22	1.5	0.090	1.87	16.1	39.6	1.31	630	3.24	0.40	6.9	2.0	1420
M359825		7.30	18.05	0.21	1.3	0.049	2.14	13.5	27.6	1.13	560	3.01	0.37	5.4	2.0	1270
M359826		8.85	18.15	0.23	1.3	0.146	3.12	15.6	11.8	0.84	830	4.52	0.06	3.5	1.9	1150
M359827		6.46	22.2	0.19	1.4	0.064	2.11	14.8	17.6	1.27	697	2.79	1.26	6.8	2.1	1360
M359828		5.32	16.30	0.19	1.3	1.005	2.87	23.4	26.5	0.71	2080	13.35	0.27	7.7	16.1	510
M359829		6.84	21.6	0.21	1.3	0.133	2.18	18.9	34.5	0.83	644	2.81	0.04	5.9	1.8	1200
M359830		5.32	20.9	0.20	1.3	0.070	1.69	17.2	24.7	1.39	363	3.25	1.80	7.3	1.7	1070
M359831		5.50	21.9	0.20	1.4	0.077	1.70	17.3	51.1	0.80	510	4.36	0.25	7.6	1.8	1090
M359832		4.97	22.6	0.20	1.5	0.080	1.68	16.6	51.9	0.85	517	5.33	0.44	7.7	1.8	1090
M359833		4.81	22.2	0.20	1.4	0.081	1.86	18.3	53.5	0.89	849	4.88	0.12	7.5	2.0	1060
M359834		5.28	21.1	0.20	1.3	0.071	2.14	17.3	29.2	1.05	509	3.51	0.11	6.4	1.6	1020
M359835		5.18	22.0	0.20	1.4	0.057	1.42	14.5	22.5	1.19	391	4.15	1.38	6.8	1.7	1020
M359836		4.44	23.0	0.20	1.3	0.050	2.75	15.0	8.3	0.85	226	3.89	1.01	4.2	2.3	910
M359837		4.40	21.8	0.19	1.5	0.050	2.73	22.1	30.9	1.06	261	5.36	0.28	3.3	2.2	850
M359838		4.75	18.35	0.22	1.5	0.071	3.25	23.3	8.5	1.01	195	4.62	0.36	3.7	1.9	800
M359839		7.05	18.70	0.24	1.4	0.141	3.49	19.0	7.3	0.89	333	2.11	0.12	3.1	1.7	780
M359840		4.23	22.4	0.19	1.5	0.084	3.51	13.2	8.7	1.05	532	10.75	0.12	3.5	3.4	820
M359841		7.42	19.15	0.25	0.8	0.293	3.16	25.9	20.6	0.64	803	4.07	0.04	2.7	2.8	750
M359842		0.45	0.30	0.14	<0.1	0.005	0.03	0.6	1.2	12.25	193	0.21	<0.01	0.3	2.4	160

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216606

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359807		31.4	105.5	<0.002	3.76	3.38	10.0	3	4.5	240	0.39	0.18	10.1	0.192	1.55	3.9
M359808		21.6	129.0	<0.002	5.39	1.63	12.8	3	8.0	208	0.16	0.47	4.5	0.249	1.94	3.6
M359809		36.1	119.0	0.002	5.40	1.30	12.7	4	8.5	429	0.20	0.38	4.5	0.267	1.90	3.3
M359810		23.1	58.5	<0.002	1.61	3.10	13.5	2	6.1	1260	0.44	0.10	5.0	0.453	1.53	3.1
M359811		37.1	159.0	<0.002	5.08	5.95	11.5	3	9.0	72.0	0.28	0.52	5.3	0.286	3.01	3.0
M359812		185.5	176.0	0.002	4.93	6.14	10.8	3	13.1	63.4	0.27	0.27	5.7	0.278	2.90	3.1
M359813		2800	165.0	0.002	4.75	90.6	7.9	2	8.1	89.2	0.46	0.38	10.8	0.189	2.24	5.4
M359814		80.8	194.5	<0.002	5.32	11.55	11.5	3	12.1	67.8	0.18	0.48	5.5	0.222	3.06	3.5
M359815		71.9	145.5	0.003	9.57	13.10	8.0	4	8.6	88.6	0.16	0.54	4.1	0.183	1.82	3.7
M359816		30.8	202	0.003	7.39	6.04	10.3	3	11.0	35.1	0.12	0.47	4.8	0.169	2.74	3.3
M359817		97.9	159.5	0.003	7.29	54.8	11.8	3	10.5	54.2	0.19	0.42	4.1	0.241	2.76	3.2
M359818		1.6	1.7	<0.002	0.01	0.13	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M359819		32.5	65.1	0.002	3.41	6.49	13.0	2	4.7	406	0.37	0.13	3.9	0.429	1.89	2.3
M359820		30.0	154.0	0.003	5.65	9.12	13.3	3	7.7	82.9	0.23	0.26	4.1	0.317	2.53	2.0
M359821		188.5	167.0	0.002	>10.0	21.6	11.4	3	13.6	38.5	0.12	0.89	2.8	0.193	2.01	2.7
M359822		42.0	119.5	0.002	4.18	33.0	16.1	3	8.8	54.6	0.35	0.28	4.9	0.460	2.26	2.9
M359823		41.4	127.5	0.003	4.33	36.4	15.9	3	8.7	51.1	0.34	0.26	5.0	0.458	2.26	2.9
M359824		25.5	61.3	<0.002	3.34	12.95	15.7	3	6.4	233	0.42	0.62	4.0	0.538	1.76	3.4
M359825		30.7	65.7	0.003	5.83	10.90	14.0	4	5.0	201	0.32	0.20	3.4	0.435	1.58	2.6
M359826		173.5	156.5	0.002	8.97	22.2	13.7	4	8.6	59.9	0.22	0.42	4.1	0.300	2.39	2.5
M359827		31.1	69.9	<0.002	2.88	13.60	15.4	3	3.4	790	0.42	0.20	3.7	0.538	1.77	1.9
M359828		1385	167.0	<0.002	3.19	36.5	8.8	2	6.5	151.5	0.62	0.29	12.3	0.214	2.44	5.5
M359829		24.8	104.5	<0.002	4.49	19.75	15.1	3	4.5	70.2	0.38	0.25	5.0	0.473	2.00	4.2
M359830		33.7	60.1	<0.002	2.02	2.72	13.8	2	4.0	954	0.46	0.14	4.4	0.540	1.49	1.8
M359831		25.1	53.8	<0.002	2.60	58.3	13.7	2	5.8	168.0	0.48	0.84	4.8	0.530	1.44	5.7
M359832		21.3	46.2	<0.002	1.78	60.6	13.5	2	5.9	207	0.50	0.19	4.6	0.540	1.43	5.9
M359833		27.7	54.2	<0.002	2.04	32.6	13.6	2	6.0	145.0	0.48	0.26	5.1	0.522	1.89	5.6
M359834		44.3	71.4	<0.002	3.29	14.65	12.9	3	5.7	161.5	0.42	0.26	4.7	0.481	1.97	4.0
M359835		20.3	42.5	<0.002	2.66	2.31	12.9	2	5.5	611	0.43	0.21	4.6	0.478	1.14	2.3
M359836		33.3	99.7	<0.002	4.26	2.58	9.1	3	7.4	313	0.26	0.64	5.0	0.266	1.98	3.2
M359837		34.4	117.5	<0.002	4.32	73.6	6.9	2	5.8	124.0	0.22	0.76	6.4	0.202	2.12	4.0
M359838		51.4	135.0	<0.002	4.89	7.86	7.1	3	7.3	143.5	0.25	0.47	6.3	0.210	2.12	3.1
M359839		50.0	184.5	<0.002	7.32	3.99	7.3	4	7.2	93.8	0.20	0.48	5.8	0.173	2.49	3.1
M359840		94.5	156.0	0.011	3.69	41.4	6.5	2	5.6	118.0	0.23	0.20	6.3	0.213	2.80	2.8
M359841		292	176.0	0.002	7.42	167.5	10.2	2	13.1	41.8	0.17	0.63	4.9	0.212	2.75	6.9
M359842		1.6	1.7	<0.002	<0.01	0.21	0.1	1	0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.02	0.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216606

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M359807		66	9.1	13.1	89	29.5	1
M359808		90	11.2	16.8	90	54.9	<1
M359809		87	10.7	16.8	98	57.7	1
M359810		99	3.4	15.0	136	69.3	1
M359811		73	10.0	13.8	127	55.2	1
M359812		71	14.7	11.7	799	55.0	2
M359813		57	4.8	10.2	5530	26.8	24
M359814		68	13.5	12.9	215	50.4	1
M359815		56	25.9	10.0	188	41.7	2
M359816		66	15.5	11.3	196	47.0	1
M359817		79	16.5	11.0	449	43.7	3
M359818		2	0.1	1.0	15	0.5	<1
M359819		103	9.1	14.5	123	51.1	1
M359820		106	19.0	12.9	99	43.4	1
M359821		87	21.2	10.6	142	38.3	4
M359822		129	10.9	16.7	115	54.8	2
M359823		127	11.6	16.6	119	54.4	2
M359824		139	10.7	18.2	121	50.6	1
M359825		124	17.9	15.6	85	46.2	1
M359826		110	17.6	14.7	161	45.2	<1
M359827		133	6.0	17.9	103	52.3	<1
M359828		59	4.9	11.7	3060	40.9	8
M359829		124	13.2	17.1	103	42.1	<1
M359830		117	6.2	16.2	103	45.2	<1
M359831		118	7.6	16.3	105	48.3	<1
M359832		119	7.6	16.5	94	49.2	<1
M359833		114	7.9	17.9	185	48.0	<1
M359834		112	11.8	14.3	133	42.2	<1
M359835		111	10.4	15.0	106	46.4	<1
M359836		78	10.9	12.1	95	39.6	<1
M359837		61	11.6	12.7	82	46.7	<1
M359838		61	14.8	12.8	97	49.3	<1
M359839		56	15.4	10.2	88	44.5	<1
M359840		63	3.3	11.1	162	45.9	<1
M359841		76	12.3	14.6	598	23.3	2
M359842		2	0.1	0.9	15	<0.5	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-126

CERTIFICATE OF ANALYSIS WH12216606

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216607

Project: Klaza-128

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

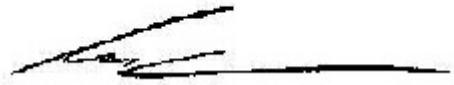
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216607

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358954		8.26	0.054	0.74	7.54	71.3	820	1.23	0.96	1.53	0.78	57.7	7.1	10	13.60	124.0
M358955		2.87	0.713	5.49	6.68	474	230	0.89	9.04	0.31	3.38	37.4	8.3	10	8.66	692
M358956		8.22	0.026	0.43	7.17	17.6	1320	1.19	0.55	2.16	0.74	44.3	8.6	10	12.90	68.2
M358957		3.13	0.039	3.17	7.27	47.8	1520	1.38	2.06	2.06	1.47	53.1	9.0	10	14.45	439
M358958		2.96	<0.005	0.02	0.07	<5	30	0.05	0.05	20.3	0.07	1.25	1.2	<1	0.16	3.2
M358959		7.13	0.022	0.47	6.98	22.1	1580	1.25	0.62	2.70	0.56	47.0	7.2	11	14.80	129.5
M358960		4.22	0.023	0.59	7.00	28.3	390	1.27	0.78	2.26	0.40	48.0	16.2	9	15.30	120.5
M358961		8.45	0.068	0.47	6.84	19.2	2190	1.22	0.41	2.39	0.33	48.9	8.4	10	15.70	158.0
M358962		5.65	0.020	0.41	7.22	26.0	2420	1.35	0.58	2.42	0.66	48.7	7.0	10	14.60	72.2
M358963		2.73	0.355	8.11	6.88	320	150	1.22	14.95	1.75	7.86	33.0	6.6	7	14.15	219
M358964		5.96	0.029	0.48	7.80	15.0	2280	1.42	0.66	2.27	0.82	51.9	6.7	12	15.65	57.4
M358965		<0.02	0.053	0.48	7.72	14.8	2210	1.37	0.62	2.12	0.83	51.9	6.5	10	15.25	60.5
M358966		3.30	0.118	0.65	7.01	48.6	420	1.14	1.34	2.05	0.53	51.6	9.4	10	12.85	132.0
M358967		4.54	0.024	0.23	7.23	18.1	1400	1.22	0.33	2.48	0.26	51.2	6.7	9	16.70	61.7
M358968		6.63	0.056	0.27	7.25	8.7	680	1.31	0.77	2.26	0.26	46.6	6.8	10	9.82	65.0
M358969		4.09	1.380	0.71	7.40	30.6	870	1.21	1.45	1.19	0.39	55.1	7.9	9	10.45	123.5
M358970		2.01	0.620	0.73	7.56	31.5	1280	1.13	1.29	1.33	0.33	57.1	7.4	9	10.70	151.5
M358971		3.11	1.065	1.66	7.43	52.5	440	1.11	2.73	1.35	0.37	68.5	8.9	26	10.45	567
M358972		8.83	0.039	0.36	7.78	10.1	1670	1.21	0.57	2.20	0.28	59.9	10.1	11	12.45	113.0
M358973		7.58	0.042	1.10	7.46	13.2	1510	1.33	2.96	2.82	0.35	55.5	9.0	10	12.15	105.5
M358974		7.76	0.046	0.47	7.29	12.0	1340	1.23	0.66	2.04	0.43	55.7	9.9	12	8.91	154.0
M358975		0.26	0.803	9.76	6.99	1815	940	1.29	6.39	1.96	43.4	52.2	17.3	20	19.10	113.5
M358976		7.69	0.049	0.39	7.35	16.4	1720	1.25	0.59	1.87	0.23	53.8	9.0	14	9.29	140.5
M358977		8.41	0.025	0.34	7.71	8.7	2220	1.49	0.51	1.94	0.57	57.8	12.1	14	10.55	99.9
M358978		7.74	0.028	0.35	7.24	15.7	2010	1.16	0.46	1.92	0.45	50.2	9.8	12	8.97	111.5
M358979		4.86	0.049	0.44	7.16	12.0	710	1.32	0.88	2.30	0.56	49.1	10.6	11	12.10	130.0
M358980		3.92	0.200	8.92	7.01	190.5	480	1.06	15.95	2.18	0.57	57.2	9.7	9	14.25	522
M358981		1.69	<0.005	0.03	0.10	8	40	0.06	0.07	21.1	0.07	1.63	1.2	<1	0.28	3.4
M358982		3.46	0.052	0.59	6.92	67.6	920	1.28	0.78	2.21	0.34	52.1	20.9	10	19.15	102.5
M358983		8.64	0.018	0.37	6.73	10.3	580	1.29	0.72	2.04	0.49	46.4	14.2	13	11.30	84.0
M358984		8.48	0.041	0.36	6.84	11.7	1060	1.26	0.69	1.67	0.34	50.1	10.7	13	11.60	83.4
M358985		0.26	0.757	8.96	6.34	1670	760	1.30	6.06	1.78	40.3	48.6	16.0	19	17.35	104.5
M358986		8.16	0.036	0.53	6.77	19.1	470	1.25	0.99	2.00	0.62	46.5	9.1	11	12.65	139.5
M358987		7.59	0.022	0.47	6.80	29.8	420	1.21	1.08	1.84	0.37	49.7	11.3	10	13.85	124.0
M358988		5.78	0.100	0.82	7.15	91.7	490	1.29	1.54	1.89	0.72	49.9	10.1	11	12.65	260
M358989		5.61	0.035	0.50	7.04	41.6	630	1.35	0.88	2.49	0.78	51.3	8.4	10	14.35	147.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216607

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358954		4.04	16.65	0.14	0.8	0.158	3.05	30.1	29.3	0.71	617	3.46	0.10	6.6	2.9	570
M358955		6.48	17.10	0.18	0.8	0.342	3.16	19.9	9.7	0.38	122	2.02	0.07	3.1	2.6	510
M358956		3.26	16.00	0.15	0.9	0.057	2.98	22.1	22.9	0.74	390	2.80	0.30	6.3	2.6	590
M358957		3.71	16.50	0.18	0.9	0.338	2.79	26.2	17.0	0.74	407	2.28	1.00	7.3	3.3	560
M358958		0.44	0.29	0.10	<0.1	0.005	0.03	0.6	1.3	12.15	188	0.10	0.01	0.3	1.7	180
M358959		3.48	16.00	0.15	0.9	0.070	2.78	22.9	16.3	0.83	337	2.99	1.39	7.1	2.4	590
M358960		4.58	14.55	0.16	0.7	0.127	3.09	24.6	14.4	0.77	489	9.29	0.64	5.1	3.1	570
M358961		3.07	16.05	0.15	0.8	0.067	2.84	24.4	16.2	0.78	350	2.94	0.88	6.9	2.9	560
M358962		3.60	16.45	0.15	0.8	0.093	2.83	24.7	27.6	0.86	500	1.16	0.55	7.5	2.6	580
M358963		10.50	18.15	0.23	0.8	0.424	2.66	16.6	19.4	1.04	1100	1.83	0.05	4.6	2.8	560
M358964		3.54	17.45	0.15	1.0	0.108	3.51	24.9	24.2	0.83	677	2.06	0.21	7.7	2.6	630
M358965		3.51	17.05	0.17	1.0	0.108	3.29	25.4	22.4	0.81	644	2.79	0.21	7.4	4.6	610
M358966		3.59	16.40	0.17	0.9	0.057	3.09	26.1	19.3	0.71	316	3.00	0.36	5.8	2.9	540
M358967		3.15	16.60	0.17	0.8	0.042	2.49	25.4	27.0	0.74	321	1.43	0.57	7.8	2.6	610
M358968		3.34	16.85	0.18	0.9	0.062	2.68	23.0	16.1	0.71	281	1.06	1.29	6.1	2.6	580
M358969		4.50	17.15	0.18	0.8	0.120	2.73	28.5	28.8	0.51	494	1.96	0.08	6.4	3.0	580
M358970		4.01	17.40	0.19	0.8	0.107	2.76	29.8	28.6	0.51	510	1.26	0.08	6.5	2.7	570
M358971		5.42	19.45	0.21	1.0	0.208	3.57	36.6	16.5	0.65	260	6.40	0.08	4.8	2.9	560
M358972		3.74	16.95	0.18	0.9	0.057	2.84	30.6	24.8	0.94	324	1.26	0.41	7.9	3.6	630
M358973		3.91	16.35	0.19	1.0	0.123	3.45	28.5	17.8	0.88	493	2.84	0.57	7.1	3.0	580
M358974		3.61	16.75	0.19	1.0	0.091	3.49	27.0	15.4	0.85	371	7.65	1.04	7.7	2.8	580
M358975		5.40	16.30	0.19	1.4	1.115	2.89	26.4	25.3	0.73	2090	13.05	0.27	8.5	16.4	500
M358976		3.48	17.10	0.18	0.9	0.075	3.23	27.1	15.6	0.79	309	4.75	1.51	7.5	2.8	560
M358977		3.40	17.55	0.18	1.0	0.051	3.03	29.0	18.0	0.87	295	2.86	2.27	8.7	2.8	600
M358978		3.10	16.05	0.18	0.9	0.049	2.82	26.1	15.2	0.66	273	2.06	1.35	7.2	2.8	560
M358979		3.36	16.40	0.19	1.0	0.079	3.15	23.9	11.3	0.75	292	6.22	1.58	6.8	2.7	560
M358980		4.75	15.40	0.19	0.8	0.271	3.36	30.9	8.4	0.99	1120	5.37	0.07	4.2	2.4	510
M358981		0.48	0.35	0.11	<0.1	0.005	0.04	0.8	1.2	12.50	211	0.18	0.01	0.3	2.2	180
M358982		4.37	14.85	0.17	0.9	0.137	3.02	27.6	20.6	0.87	858	5.19	0.06	5.8	2.4	520
M358983		3.47	14.80	0.17	0.9	0.098	3.02	22.8	16.4	0.60	313	10.60	1.21	5.3	2.2	500
M358984		3.26	15.65	0.18	0.9	0.089	2.90	25.7	21.8	0.59	283	6.72	0.82	6.4	2.7	520
M358985		4.90	14.85	0.18	1.3	1.040	2.65	25.4	24.1	0.66	1900	12.50	0.25	7.7	15.3	460
M358986		3.67	15.25	0.18	0.8	0.118	2.94	23.3	25.4	0.71	369	4.73	1.11	5.6	2.6	520
M358987		3.73	14.60	0.18	0.8	0.077	3.06	25.2	12.9	0.75	264	6.14	0.32	5.2	2.7	500
M358988		3.77	16.35	0.18	0.8	0.153	3.37	25.1	13.1	0.71	416	6.95	0.25	5.7	2.6	530
M358989		3.15	15.75	0.17	0.9	0.109	3.20	25.6	11.8	0.78	757	6.50	0.79	6.5	2.5	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216607

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M358954		49.6	156.5	<0.002	2.25	35.2	10.1	2	5.8	81.2	0.51	0.09	13.8	0.209	2.40	4.1
M358955		118.0	192.5	<0.002	6.95	77.8	9.1	3	15.0	31.1	0.27	0.40	13.0	0.113	1.83	2.4
M358956		37.0	113.0	<0.002	1.91	9.51	9.6	2	4.0	137.0	0.48	0.08	11.9	0.204	1.90	4.0
M358957		77.4	115.0	<0.002	1.68	16.25	10.1	2	5.4	225	0.56	0.09	13.6	0.222	1.69	4.7
M358958		1.6	1.8	<0.002	0.02	0.24	0.2	1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358959		31.0	109.0	<0.002	1.67	6.35	10.1	2	4.1	265	0.56	0.07	11.5	0.225	1.74	3.8
M358960		24.2	131.5	0.003	3.09	4.77	9.4	2	5.2	159.5	0.37	0.07	10.9	0.184	2.13	3.2
M358961		23.2	108.5	<0.002	1.24	8.93	9.9	1	4.0	243	0.50	0.05	11.6	0.223	1.73	3.4
M358962		46.7	102.0	<0.002	1.14	8.36	10.1	1	5.1	215	0.55	<0.05	12.5	0.233	1.71	3.9
M358963		388	99.6	<0.002	7.07	13.30	9.5	2	13.1	61.1	0.35	0.31	11.2	0.157	2.19	3.5
M358964		40.2	122.5	<0.002	1.09	6.23	10.5	1	3.9	154.0	0.63	0.07	14.0	0.252	2.27	4.8
M358965		41.3	123.5	<0.002	1.05	6.21	10.1	1	3.8	149.0	0.58	0.08	13.7	0.234	2.25	4.1
M358966		39.5	127.0	<0.002	2.52	19.35	9.6	2	5.0	127.0	0.46	0.19	12.6	0.203	1.87	3.9
M358967		25.6	92.0	<0.002	1.14	13.60	10.2	2	2.8	179.5	0.59	<0.05	12.8	0.238	1.46	4.1
M358968		19.5	96.7	<0.002	2.06	3.59	10.0	2	4.0	279	0.49	0.11	12.4	0.206	1.45	4.3
M358969		32.5	131.0	<0.002	2.38	45.6	10.8	2	5.6	80.8	0.47	0.25	13.5	0.211	1.77	5.0
M358970		28.8	133.5	<0.002	1.96	54.7	10.6	2	5.5	87.9	0.48	0.40	14.4	0.211	1.84	5.2
M358971		32.2	204	<0.002	4.43	15.55	13.8	2	13.0	53.0	0.37	0.41	15.7	0.188	2.16	4.5
M358972		22.7	112.5	<0.002	1.76	5.19	10.6	2	5.1	222	0.61	0.08	15.2	0.248	1.51	3.5
M358973		30.7	139.0	<0.002	1.90	4.77	10.1	2	6.5	195.0	0.58	0.09	14.3	0.218	1.97	4.5
M358974		30.3	140.5	0.003	1.89	2.16	10.3	2	5.6	207	0.63	0.07	16.6	0.225	1.76	5.1
M358975		1415	173.0	0.002	3.25	38.5	9.0	1	6.9	156.5	0.65	0.38	13.8	0.214	2.56	5.6
M358976		24.1	132.0	<0.002	1.75	1.44	9.9	2	5.7	260	0.56	0.08	14.4	0.222	1.52	4.2
M358977		28.5	124.5	<0.002	1.44	1.00	10.5	2	3.2	841	0.69	0.07	15.6	0.251	1.41	4.7
M358978		23.8	112.5	<0.002	1.47	2.71	9.2	2	2.9	514	0.58	<0.05	14.0	0.219	1.31	3.9
M358979		32.3	121.5	<0.002	2.12	2.37	9.5	2	3.1	942	0.54	0.12	13.2	0.205	1.66	4.5
M358980		111.0	185.5	<0.002	4.10	20.3	9.0	2	9.6	63.3	0.33	0.19	14.6	0.149	2.22	3.8
M358981		1.9	2.5	<0.002	0.02	0.12	0.2	1	0.2	52.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M358982		25.7	130.5	<0.002	2.71	13.25	9.1	3	5.0	84.6	0.45	<0.05	14.5	0.193	2.35	3.8
M358983		26.5	118.5	0.002	2.37	3.22	8.9	3	3.3	275	0.44	0.07	11.9	0.170	1.72	4.2
M358984		29.7	123.0	<0.002	2.21	3.37	9.2	3	4.0	135.5	0.53	0.10	15.5	0.183	1.59	4.9
M358985		1280	157.0	<0.002	2.95	35.6	8.2	1	6.5	143.5	0.58	0.37	13.3	0.199	2.40	5.2
M358986		34.5	122.0	<0.002	2.79	1.98	9.3	3	5.3	230	0.42	0.13	12.1	0.177	1.71	3.5
M358987		28.1	131.5	<0.002	3.13	10.00	9.1	4	4.9	123.0	0.41	0.09	13.3	0.166	1.80	4.0
M358988		44.7	145.5	<0.002	3.00	22.0	9.6	3	5.5	110.0	0.47	0.13	13.6	0.188	2.14	5.6
M358989		30.6	129.5	<0.002	2.24	8.69	9.2	3	4.3	331	0.52	0.07	12.7	0.195	2.12	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216607

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M358954		66	5.6	11.8	104	19.8	1
M358955		61	9.0	8.9	213	19.9	5
M358956		66	4.3	11.4	108	22.8	<1
M358957		65	4.4	12.2	171	22.0	3
M358958		2	0.1	0.8	14	<0.5	<1
M358959		68	4.6	12.5	85	21.9	<1
M358960		66	6.4	11.5	73	18.6	<1
M358961		67	2.9	11.7	71	19.5	<1
M358962		67	4.0	12.1	101	20.7	<1
M358963		63	12.4	9.1	801	20.4	8
M358964		75	3.6	13.0	125	24.3	<1
M358965		69	3.5	12.8	119	24.0	<1
M358966		67	2.9	12.2	77	21.8	<1
M358967		68	2.8	13.1	57	20.7	<1
M358968		67	3.4	12.6	58	21.4	<1
M358969		68	5.1	14.2	82	20.0	<1
M358970		67	4.8	14.4	83	20.8	<1
M358971		79	5.9	15.0	76	24.8	2
M358972		73	5.4	13.7	75	22.7	<1
M358973		67	6.7	14.5	89	23.3	1
M358974		68	6.0	14.5	86	24.9	<1
M358975		59	5.2	12.4	3080	42.0	10
M358976		65	4.4	15.2	62	24.6	<1
M358977		69	3.2	18.2	75	25.8	<1
M358978		61	3.8	14.1	63	23.5	<1
M358979		67	4.8	12.5	81	26.8	<1
M358980		59	10.2	10.5	74	21.5	9
M358981		3	0.2	0.9	16	<0.5	<1
M358982		61	5.6	11.3	66	22.5	<1
M358983		58	4.6	12.1	66	21.6	<1
M358984		59	5.7	12.9	62	23.8	<1
M358985		54	5.0	11.7	2830	37.8	9
M358986		60	6.3	12.2	85	21.8	<1
M358987		56	6.4	12.3	62	21.4	<1
M358988		63	6.9	12.1	90	21.1	1
M358989		59	5.7	12.9	96	20.6	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216607

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

CERTIFICATE WH12216608

Project: Klaza-128

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

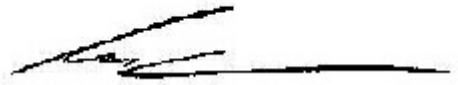
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216608

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354362		4.76	0.058	1.37	6.12	101.5	320	1.08	1.38	2.01	9.88	44.8	8.7	7	8.67	292
M354363		6.04	0.017	0.66	7.37	89.1	430	1.27	0.67	1.53	0.84	51.5	9.1	8	11.75	293
M354364		3.40	0.135	2.47	5.68	150.5	580	0.76	1.87	0.95	2.86	32.1	30.7	10	4.72	558
M354365		2.04	<0.005	0.02	0.07	<5	60	0.05	0.02	21.9	0.07	1.58	1.4	<1	0.16	3.0
M354366		3.20	0.043	0.86	6.93	99.9	740	1.06	1.10	1.47	0.34	47.4	14.8	9	8.14	279
M354367		2.98	0.186	6.59	5.78	422	360	0.69	2.60	0.72	1.65	47.5	32.0	8	5.29	2040
M354368		8.22	0.030	0.70	7.00	108.5	750	1.03	0.91	1.29	1.06	50.8	12.5	8	8.15	307
M354369		8.73	0.018	0.46	7.07	34.6	1110	1.17	0.72	1.43	0.51	48.6	12.9	9	7.29	155.0
M354370		<0.02	0.018	0.39	7.04	31.9	960	1.19	0.71	1.40	0.50	48.8	12.1	9	7.36	145.0
M354371		8.31	0.028	0.66	7.14	70.8	540	1.30	0.76	1.44	1.11	40.2	9.6	9	10.25	203
M354372		8.19	0.017	0.84	7.33	75.5	780	1.35	1.85	1.34	0.29	50.9	9.3	10	11.50	409
M354373		8.03	0.017	0.92	7.45	76.7	720	1.26	2.03	1.44	0.40	55.8	11.7	8	10.75	389
M354374		3.55	0.111	3.22	6.99	235	90	1.03	2.44	0.65	2.17	51.0	22.9	9	7.92	689
M354375		8.33	0.018	0.75	7.14	52.8	750	1.21	1.77	1.46	0.60	48.1	10.9	9	9.98	253
M354376		0.26	0.276	99.8	5.52	241	610	0.62	4.79	1.47	24.8	20.3	11.1	67	0.89	6120
M354377		8.08	0.013	0.52	6.73	18.4	270	1.22	0.83	2.20	0.52	38.9	8.9	9	10.05	247
M354378		8.43	0.032	0.65	6.94	32.6	330	1.35	1.38	2.32	7.36	36.1	6.5	8	11.90	142.5
M354379		7.98	0.014	0.38	6.78	8.4	330	1.49	0.69	3.19	0.44	39.8	8.5	9	12.35	172.0
M354380		7.69	0.036	0.28	7.24	6.1	780	1.64	0.61	2.46	0.35	45.8	8.8	10	11.00	129.5
M354381		7.29	0.155	1.28	7.25	15.0	590	1.31	1.40	2.56	1.47	37.6	11.0	115	11.30	678
M354382		7.04	0.321	2.19	7.15	18.7	370	1.43	1.16	2.31	0.97	34.1	10.3	61	12.00	1070
M354383		8.20	0.154	2.38	7.06	38.2	740	1.44	1.74	3.16	0.59	40.6	8.4	79	16.10	1265
M354384		0.26	2.32	24.3	5.91	3400	1080	1.17	18.80	2.27	78.9	46.9	10.4	18	14.75	442
M354385		7.82	0.009	0.43	7.39	17.1	320	1.63	0.74	1.77	0.49	44.0	8.4	9	10.85	277
M354386		8.26	0.009	0.62	6.90	42.1	270	1.37	3.85	2.14	0.46	45.2	11.1	9	11.00	371
M354387		4.98	0.009	0.61	7.45	71.4	460	1.46	0.96	1.83	0.33	51.4	8.7	8	14.00	363
M354388		2.85	0.489	23.4	5.13	272	290	0.84	62.2	1.48	2.17	28.5	8.3	6	7.89	279
M354389		3.43	<0.005	0.02	0.09	<5	20	0.05	0.06	20.5	0.05	1.14	1.6	<1	0.57	2.3
M354390		7.38	0.014	0.71	6.99	85.8	560	1.16	1.19	1.35	0.42	50.9	8.7	8	10.40	321
M354391		2.62	0.095	4.17	6.58	248	300	1.08	5.49	1.59	0.99	47.5	11.9	9	8.29	1345
M354392		7.23	0.012	0.45	7.37	36.7	360	1.34	0.86	1.92	0.39	44.9	6.7	9	10.95	192.0
M354393		3.60	0.012	0.37	7.24	24.0	350	1.28	0.86	1.70	0.53	46.7	7.6	8	9.77	140.0
M354394		7.96	0.010	0.39	7.11	10.5	340	1.49	0.75	2.20	0.40	42.0	6.7	8	10.25	152.0
M354395		7.74	0.016	0.57	7.37	27.6	210	1.29	0.92	2.67	2.69	46.1	11.8	7	9.99	211
M354396		7.84	0.016	0.37	7.51	21.0	460	1.31	0.69	2.38	0.34	45.1	6.8	7	11.60	142.0
M354397		8.01	0.016	0.49	7.26	17.9	260	1.66	0.97	2.34	0.51	51.0	7.5	8	13.40	257

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216608

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354362		4.77	12.70	0.17	0.8	0.174	2.87	22.8	12.2	0.88	779	7.31	0.04	4.1	2.8	430
M354363		3.18	14.50	0.15	1.0	0.063	3.02	24.8	24.3	0.80	373	7.95	0.06	5.5	2.5	540
M354364		8.29	12.55	0.24	0.6	0.401	2.84	14.1	8.8	0.56	302	20.7	0.05	2.3	3.8	420
M354365		0.47	0.30	0.10	<0.1	0.005	0.03	0.7	1.0	12.85	205	0.17	0.01	0.4	1.9	250
M354366		4.87	15.30	0.17	0.8	0.103	3.22	21.6	11.2	0.78	370	7.47	0.06	2.8	3.2	490
M354367		7.94	13.75	0.22	0.7	0.650	2.78	22.8	8.5	0.47	352	9.10	0.06	2.2	3.4	410
M354368		5.27	14.10	0.17	0.8	0.137	3.18	25.5	14.3	0.70	277	17.75	0.05	3.4	3.0	520
M354369		3.88	13.70	0.16	0.8	0.065	3.25	22.2	15.0	0.78	223	26.7	0.21	4.0	3.0	500
M354370		3.67	13.50	0.16	0.8	0.064	3.30	22.4	15.3	0.77	217	27.1	0.21	4.0	2.7	490
M354371		3.40	14.90	0.15	0.8	0.083	3.36	18.1	10.5	0.78	297	14.50	0.38	3.7	2.8	530
M354372		3.61	14.75	0.16	1.0	0.113	3.29	24.9	21.8	0.83	316	17.00	0.05	4.8	2.7	510
M354373		4.56	14.15	0.18	0.9	0.104	3.28	26.8	14.8	0.80	289	6.67	0.06	4.1	2.7	530
M354374		8.47	15.25	0.25	0.9	0.271	3.32	23.3	10.9	0.51	390	11.60	0.06	3.3	3.3	500
M354375		4.97	14.70	0.18	0.8	0.083	3.14	21.8	15.0	0.76	302	11.10	0.06	3.8	2.7	510
M354376		5.77	12.25	0.15	1.6	0.454	1.11	9.1	11.3	1.13	1740	24.3	1.61	3.4	26.7	440
M354377		3.45	14.00	0.14	0.8	0.076	3.32	16.1	11.8	0.68	183	7.81	0.65	4.5	2.7	500
M354378		4.07	14.25	0.16	0.8	0.267	3.22	15.7	21.0	0.68	281	9.07	0.37	4.2	2.5	510
M354379		3.18	14.45	0.14	0.8	0.068	2.48	17.0	15.0	0.77	229	7.38	0.83	4.8	2.6	510
M354380		2.78	15.60	0.14	0.9	0.049	2.57	20.6	13.2	0.89	173	6.63	1.12	5.3	3.4	560
M354381		5.00	16.75	0.17	1.8	0.201	3.56	18.9	25.9	1.65	348	16.15	0.08	5.1	34.4	630
M354382		4.17	19.65	0.15	1.8	0.209	3.60	17.0	20.7	1.10	468	3.29	0.08	5.3	21.8	620
M354383		3.91	19.30	0.15	1.7	0.228	3.24	20.6	20.9	1.50	658	9.27	0.06	5.7	26.3	610
M354384		6.62	14.60	0.17	1.0	1.850	2.65	23.9	19.6	0.91	1900	14.20	0.04	6.2	15.0	430
M354385		3.49	15.45	0.15	1.0	0.078	3.52	18.8	15.7	0.88	138	6.79	0.29	5.1	3.1	540
M354386		3.90	13.15	0.17	0.9	0.114	3.09	20.0	17.4	0.82	196	8.42	0.16	4.7	3.0	480
M354387		3.32	14.50	0.16	0.8	0.103	3.17	23.8	14.2	0.89	275	6.00	0.06	4.8	3.1	520
M354388		9.45	11.05	0.24	0.6	0.139	2.28	12.8	11.1	0.70	629	8.58	0.03	2.4	3.4	420
M354389		0.45	0.35	0.09	<0.1	0.005	0.05	0.5	1.0	12.20	208	0.36	<0.01	0.3	3.0	150
M354390		3.89	13.90	0.16	1.0	0.112	2.85	22.4	21.2	0.78	275	6.59	0.05	4.0	2.7	460
M354391		5.55	15.85	0.18	0.7	0.265	2.92	21.1	17.7	0.70	323	5.56	0.05	3.5	2.7	460
M354392		3.24	15.60	0.15	0.9	0.078	3.47	18.2	17.3	0.75	221	2.59	0.28	5.0	2.6	570
M354393		3.07	15.25	0.15	0.9	0.065	3.33	19.5	16.0	0.68	179	4.45	0.33	4.6	2.6	530
M354394		2.90	14.95	0.14	0.8	0.060	3.10	17.9	17.2	0.76	177	17.75	0.81	5.2	2.3	540
M354395		4.10	16.15	0.17	0.8	0.064	3.00	17.5	18.1	0.71	271	3.20	0.09	4.8	2.7	610
M354396		2.95	16.45	0.15	0.8	0.047	3.29	19.2	24.0	0.83	285	4.50	0.09	5.4	2.6	570
M354397		3.48	15.80	0.16	0.9	0.074	3.26	23.6	27.0	0.85	224	2.30	0.60	6.1	2.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216608

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354362		472	144.0	<0.002	4.89	59.3	8.2	4	8.1	46.6	0.38	0.23	11.4	0.132	2.20	3.5
M354363		46.6	138.0	<0.002	2.89	45.7	10.5	4	5.0	92.9	0.51	0.10	12.5	0.173	2.19	2.7
M354364		82.8	142.0	0.002	9.12	148.0	8.3	10	12.5	28.3	0.18	0.21	8.2	0.089	1.72	3.2
M354365		1.4	1.5	<0.002	0.02	0.35	0.2	1	0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M354366		25.1	150.5	0.002	4.87	25.0	9.4	5	8.4	52.9	0.25	0.17	12.7	0.107	1.94	2.6
M354367		151.5	132.5	0.002	8.79	95.5	7.2	8	12.5	29.0	0.18	1.10	10.6	0.089	1.45	3.1
M354368		40.8	144.5	0.006	5.40	16.55	8.9	5	7.6	58.5	0.31	0.13	12.7	0.119	1.86	4.4
M354369		24.9	137.0	0.004	3.80	6.97	10.1	5	7.0	110.5	0.34	0.09	12.1	0.135	1.58	3.6
M354370		24.4	135.5	0.004	3.59	6.50	10.0	5	6.9	107.0	0.34	0.09	12.5	0.135	1.61	3.5
M354371		61.2	145.0	0.002	3.30	17.40	9.8	4	6.7	120.5	0.34	0.08	13.0	0.131	1.99	4.6
M354372		21.7	152.5	<0.002	3.55	15.70	10.0	4	7.1	59.5	0.44	0.35	12.8	0.155	1.91	3.1
M354373		24.3	146.0	<0.002	4.64	17.90	10.0	6	6.2	59.7	0.37	0.35	13.0	0.140	1.87	3.0
M354374		108.5	152.0	<0.002	9.45	99.7	8.9	10	11.4	20.3	0.29	0.25	11.7	0.120	1.94	4.1
M354375		30.2	140.5	<0.002	5.18	18.85	9.6	5	7.5	55.2	0.33	0.18	12.2	0.126	1.69	2.9
M354376		>10000	28.2	0.011	2.29	442	11.0	3	2.1	190.5	0.23	1.07	2.1	0.237	0.47	1.4
M354377		26.7	116.5	<0.002	3.41	3.86	9.3	4	6.1	358	0.38	0.09	11.1	0.151	1.43	3.6
M354378		113.5	127.0	<0.002	4.01	5.33	9.4	4	8.7	175.0	0.37	0.17	12.3	0.149	1.76	4.5
M354379		19.9	93.1	<0.002	3.23	2.91	8.9	4	5.3	176.5	0.44	0.09	12.1	0.148	1.24	4.2
M354380		17.7	99.0	0.002	2.65	4.65	9.8	3	4.1	191.5	0.49	0.10	12.9	0.165	1.32	5.7
M354381		29.9	154.0	<0.002	4.18	15.40	11.9	5	6.6	144.0	0.45	0.16	8.2	0.199	1.90	4.1
M354382		32.6	137.5	<0.002	3.24	28.8	9.3	4	5.5	170.0	0.48	0.16	8.9	0.182	1.96	4.9
M354383		20.2	148.5	<0.002	2.89	73.8	10.2	4	6.3	182.5	0.51	0.54	8.9	0.200	2.20	4.2
M354384		2880	163.0	0.002	4.74	93.2	7.4	2	8.4	94.5	0.51	0.39	10.6	0.178	2.31	5.4
M354385		22.6	124.5	<0.002	3.24	12.20	10.1	4	4.6	142.0	0.52	0.11	13.3	0.158	1.59	6.3
M354386		24.8	115.0	<0.002	3.97	14.85	9.2	5	4.9	106.5	0.51	1.01	14.7	0.141	1.54	4.0
M354387		17.6	130.0	0.003	3.22	32.1	9.5	4	4.6	88.6	0.44	0.10	13.6	0.157	1.92	3.8
M354388		1985	106.5	0.002	>10.0	90.1	6.1	10	11.5	38.8	0.20	2.61	9.6	0.080	1.58	4.6
M354389		2.2	3.2	<0.002	0.01	0.15	0.4	1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M354390		31.9	130.5	0.002	3.85	48.9	8.4	4	5.6	54.5	0.44	0.12	16.1	0.125	1.71	3.6
M354391		83.4	153.0	<0.002	5.72	214	8.3	5	13.4	39.5	0.29	0.31	12.7	0.125	1.80	4.2
M354392		18.9	114.0	<0.002	2.95	19.90	9.7	3	5.2	129.0	0.44	0.09	12.5	0.174	1.66	3.5
M354393		20.4	120.0	<0.002	2.82	14.20	9.6	3	6.0	123.0	0.40	0.09	13.0	0.157	1.50	3.6
M354394		19.3	113.5	<0.002	2.75	3.98	9.7	3	5.2	190.5	0.45	0.09	11.6	0.171	1.46	4.7
M354395		75.3	106.5	<0.002	4.13	17.40	10.1	4	6.9	97.1	0.40	0.14	11.0	0.161	1.46	6.3
M354396		19.2	115.0	<0.002	2.74	19.80	10.3	3	5.0	116.0	0.47	0.11	13.1	0.176	1.54	3.7
M354397		23.4	113.5	<0.002	3.20	5.91	11.3	3	5.1	215	0.50	0.10	11.3	0.203	1.52	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216608

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354362		55	11.5	8.4	1020	16.6	<1	
M354363		64	8.6	11.3	106	20.8	<1	
M354364		57	11.1	10.5	252	13.7	<1	
M354365		2	0.1	1.0	16	<0.5	<1	
M354366		63	8.3	9.5	49	17.6	<1	
M354367		54	7.8	9.5	157	15.3	5	
M354368		59	7.9	11.4	114	18.1	<1	
M354369		65	10.0	11.6	60	18.4	<1	
M354370		65	10.2	11.2	59	18.9	<1	
M354371		62	7.1	10.9	119	17.6	<1	
M354372		62	10.3	11.8	37	22.3	<1	
M354373		62	9.5	11.4	52	19.5	<1	
M354374		70	12.0	11.0	201	19.3	1	
M354375		62	9.0	11.9	77	17.9	<1	
M354376		82	0.6	14.2	5070	48.2	106	1.015
M354377		63	9.0	10.7	63	18.1	<1	
M354378		62	7.7	10.7	650	17.0	<1	
M354379		60	6.5	13.8	54	18.9	<1	
M354380		65	6.1	11.7	50	20.5	<1	
M354381		94	8.9	10.4	179	47.7	1	
M354382		75	7.6	10.3	148	45.7	2	
M354383		81	6.8	10.6	97	45.1	2	
M354384		57	5.0	10.5	5500	24.2	25	
M354385		68	7.6	12.4	49	20.8	<1	
M354386		59	8.7	11.8	47	20.4	<1	
M354387		60	6.3	11.9	51	18.0	<1	
M354388		47	8.8	12.2	221	12.4	24	
M354389		3	0.1	0.8	11	<0.5	<1	
M354390		56	8.7	11.7	56	20.6	1	
M354391		55	12.4	9.7	114	16.7	4	
M354392		66	8.1	12.1	59	21.2	<1	
M354393		62	7.0	12.2	64	19.1	<1	
M354394		61	9.1	13.0	51	18.2	<1	
M354395		66	6.7	14.2	254	17.3	<1	
M354396		66	5.9	13.4	53	17.8	<1	
M354397		72	6.6	12.1	64	20.0	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12216608

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219177

Project: Klaza-128

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

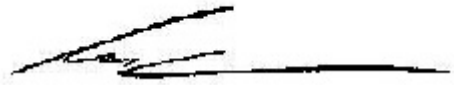
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219177

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354326		5.23	0.017	0.38	7.32	7.9	1250	1.49	0.64	2.09	0.45	46.2	7.7	9	8.10	232
M354327		5.86	0.024	0.57	7.51	10.4	1380	1.61	1.01	2.03	0.23	48.3	13.1	8	8.80	279
M354328		7.49	0.017	0.69	7.33	8.1	1010	1.45	0.83	2.03	0.30	41.5	6.7	8	8.84	268
M354329		3.98	0.028	1.49	6.72	15.7	1280	1.13	2.24	1.17	2.89	32.1	13.7	9	5.12	300
M354330		0.26	0.793	10.05	6.46	1520	1720	1.53	6.10	1.85	40.5	43.8	16.7	19	15.80	105.5
M354331		7.84	0.019	0.94	7.57	14.0	1080	1.56	1.13	2.09	0.42	45.6	9.4	9	9.89	261
M354332		4.00	0.014	1.04	7.38	54.7	1550	1.41	1.48	1.71	0.41	42.7	12.9	7	9.77	352
M354333		3.16	0.052	2.17	7.50	89.2	740	1.30	3.34	0.76	1.30	39.7	16.0	8	6.89	565
M354334		2.92	0.015	0.61	7.44	40.0	1470	1.45	1.38	1.54	0.15	48.2	8.9	7	10.05	220
M354335		1.49	0.021	0.56	7.47	36.1	1440	1.53	1.37	1.48	0.20	48.1	8.1	7	10.50	158.0
M354336		9.14	0.011	1.08	7.41	39.2	1590	1.52	0.85	2.05	0.34	55.5	9.1	8	11.10	160.0
M354337		4.38	0.010	0.56	7.19	28.2	1260	1.35	1.13	2.14	0.25	48.3	10.3	7	8.27	135.5
M354338		2.73	0.038	0.82	7.33	57.7	670	1.48	1.37	1.44	0.45	51.9	11.5	6	12.40	235
M354339		3.11	<0.005	0.04	0.07	<5	40	0.05	0.02	20.7	0.06	1.17	0.7	<1	0.23	2.1
M354340		4.37	0.014	0.77	7.76	32.0	790	1.49	1.49	1.08	0.31	51.4	9.2	7	8.75	123.5
M354341		4.85	0.014	0.77	7.50	62.3	1000	1.41	1.59	1.07	0.44	47.1	11.3	7	12.20	325
M354342		7.31	0.015	0.43	7.62	18.3	1550	1.45	1.28	1.92	0.14	53.4	9.1	8	13.30	172.0
M354343		7.74	0.022	0.52	7.61	9.5	1310	1.29	0.81	1.73	0.34	50.3	9.0	8	9.84	235
M354344		5.91	0.017	0.62	7.58	18.3	1100	1.47	1.05	2.15	0.36	47.1	7.8	8	14.30	285
M354345		<0.02	0.017	0.63	7.91	17.7	1150	1.37	1.17	2.21	0.37	47.5	7.8	7	14.10	291
M354346		7.65	0.028	0.51	7.41	34.5	1690	1.46	0.83	2.56	0.35	41.2	9.2	6	13.40	177.0
M354347		9.33	0.076	1.12	7.40	60.3	1490	1.55	1.17	1.85	0.88	46.3	8.5	8	13.90	276
M354348		8.29	0.023	0.83	7.23	53.2	1520	1.50	0.83	2.46	0.56	45.4	9.2	7	13.80	300
M354349		9.16	0.011	0.51	7.40	12.3	1140	1.64	0.60	2.20	0.27	48.6	8.8	9	10.45	202
M354350		6.26	0.014	0.61	7.38	20.1	1840	1.48	0.74	1.75	0.18	50.6	13.6	9	13.00	284
M354351		0.26	0.776	10.90	6.84	1620	1690	1.62	6.44	1.95	41.3	45.8	16.7	19	15.80	108.0
M354352		8.25	0.016	0.76	7.73	21.0	1610	1.62	0.80	1.76	0.23	48.7	9.4	8	12.30	266
M354353		7.50	0.018	0.59	7.48	26.0	1470	1.26	1.03	1.40	0.23	44.1	8.3	8	9.97	350
M354354		6.70	0.023	0.84	7.31	48.4	1090	1.42	1.59	1.73	3.21	51.1	7.5	9	13.10	272
M354355		5.74	0.025	0.94	7.32	64.0	1260	1.48	2.05	1.85	0.61	47.0	7.7	7	11.65	280
M354356		4.07	0.071	1.76	6.74	78.0	1240	1.33	4.38	1.56	6.56	45.0	8.8	8	8.65	171.0
M354357		8.15	0.024	0.57	7.21	44.2	570	1.34	0.99	1.89	0.77	49.3	7.5	7	11.20	171.0
M354358		3.36	0.054	1.29	6.43	94.8	600	1.23	1.90	1.59	1.05	43.0	9.0	8	11.65	260
M354359		3.64	<0.005	0.05	0.09	<5	20	0.07	0.02	20.7	0.07	1.14	0.6	<1	0.16	2.0
M354360		4.18	0.023	0.51	7.36	50.9	970	1.35	0.98	1.77	0.57	44.9	10.0	7	12.45	155.5
M354361		8.95	0.019	0.55	7.43	50.8	920	1.53	0.89	1.61	0.34	48.5	9.1	9	12.30	158.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219177

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354326		2.92	14.30	0.12	0.9	0.053	2.93	24.6	19.3	0.82	255	5.03	1.68	6.1	2.6	550
M354327		3.67	15.00	0.14	0.9	0.081	3.46	25.3	13.8	0.78	257	7.14	1.02	5.3	2.4	540
M354328		3.02	14.45	0.11	0.8	0.073	3.48	21.3	11.9	0.73	249	3.85	1.00	4.8	2.4	570
M354329		6.37	12.00	0.11	0.7	0.252	3.43	17.6	17.1	0.52	254	18.75	0.10	2.4	2.5	480
M354330		5.09	14.60	0.11	1.4	0.899	2.86	24.1	23.7	0.68	1940	11.85	0.26	6.8	15.3	480
M354331		3.63	14.45	0.11	0.9	0.085	3.76	22.2	13.9	0.71	279	5.64	0.85	4.0	2.3	580
M354332		4.31	13.00	0.11	0.9	0.124	3.57	22.0	15.1	0.79	281	7.12	0.25	3.6	2.3	530
M354333		6.55	14.05	0.11	0.9	0.268	3.61	20.5	10.4	0.56	188	11.40	0.10	2.6	2.2	530
M354334		3.60	14.30	0.14	0.8	0.137	3.59	27.0	13.7	0.69	295	6.95	0.07	3.1	2.6	540
M354335		3.44	14.85	0.12	0.9	0.142	3.59	27.3	14.2	0.69	291	6.38	0.08	3.3	2.5	530
M354336		2.70	14.35	0.13	0.9	0.048	3.07	29.3	23.1	0.77	277	15.25	0.09	4.7	2.4	540
M354337		3.29	12.40	0.11	0.8	0.093	3.18	26.0	31.8	0.64	290	25.2	0.07	4.0	2.2	500
M354338		4.36	14.50	0.12	0.7	0.137	3.11	28.0	24.1	0.78	445	8.20	0.05	3.4	2.4	560
M354339		0.47	0.22	0.10	<0.1	0.009	0.03	0.6	1.1	13.00	213	0.15	<0.01	0.2	1.5	180
M354340		4.11	16.45	0.12	0.8	0.090	3.72	28.4	14.3	0.72	229	4.31	0.08	3.7	2.4	590
M354341		4.35	15.45	0.10	0.8	0.118	3.18	26.1	22.8	0.66	205	2.49	0.05	3.4	2.6	560
M354342		3.20	14.90	0.11	0.9	0.071	3.27	28.2	16.9	0.87	208	13.15	0.10	5.1	2.7	560
M354343		3.06	14.40	0.15	0.9	0.078	3.04	27.9	18.8	0.76	261	6.83	0.35	5.3	2.5	570
M354344		2.98	15.45	0.12	0.8	0.114	3.03	23.7	25.0	0.71	295	6.20	0.27	5.1	2.1	570
M354345		3.16	15.00	0.11	0.9	0.116	3.21	25.0	24.3	0.75	309	5.62	0.27	5.0	2.4	600
M354346		3.04	13.65	0.12	0.9	0.065	2.93	21.8	23.9	0.81	267	8.80	0.47	5.2	2.2	560
M354347		3.57	15.10	0.12	0.9	0.126	3.23	24.7	14.2	0.72	533	19.00	0.53	5.0	2.5	560
M354348		3.59	13.50	0.12	0.8	0.136	3.22	25.4	13.3	0.88	563	10.35	0.29	4.5	2.2	500
M354349		2.86	13.80	0.14	0.9	0.047	3.06	25.5	15.5	0.76	191	6.50	1.24	4.8	2.2	540
M354350		4.10	13.35	0.14	1.0	0.065	2.95	28.1	19.2	0.79	203	19.95	0.43	5.1	2.4	530
M354351		5.37	14.30	0.12	1.4	0.930	3.00	23.5	23.3	0.72	2030	11.90	0.27	7.1	14.9	510
M354352		4.11	13.70	0.12	1.0	0.082	3.31	25.2	21.0	0.89	257	3.18	0.40	4.4	2.5	580
M354353		3.89	13.60	0.11	0.9	0.058	3.07	24.9	16.0	0.78	173	5.63	0.07	4.0	2.3	570
M354354		3.97	14.05	0.13	1.0	0.115	3.30	28.3	11.8	0.81	345	11.05	0.08	3.9	2.3	530
M354355		4.36	13.65	0.11	0.9	0.167	3.60	25.6	12.7	0.88	443	4.22	0.28	3.7	2.0	550
M354356		5.43	13.75	0.12	0.8	0.245	3.06	23.2	15.5	0.67	275	37.7	0.05	3.1	2.3	500
M354357		3.22	13.10	0.11	1.0	0.088	2.97	29.8	25.3	0.90	457	3.08	0.04	3.8	2.3	530
M354358		4.87	12.55	0.12	0.8	0.135	2.99	23.5	11.6	0.91	644	3.71	0.04	3.2	2.7	450
M354359		0.47	0.27	0.12	<0.1	0.006	0.03	0.6	0.9	13.05	203	0.12	0.01	0.1	1.6	180
M354360		4.48	14.15	0.13	0.9	0.127	3.22	23.0	16.3	0.91	491	3.67	0.04	3.5	2.2	540
M354361		3.74	13.50	0.11	0.9	0.062	3.21	26.0	18.7	0.94	285	5.40	0.05	4.1	2.3	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219177

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354326		23.2	92.9	<0.002	2.00	0.69	10.0	2	2.8	357	0.53	0.06	12.8	0.219	1.28	4.2
M354327		20.0	120.0	<0.002	3.11	0.81	10.4	3	4.8	213	0.46	0.08	12.2	0.194	1.53	4.6
M354328		25.4	104.0	<0.002	2.50	1.39	9.8	2	3.5	575	0.41	0.07	11.3	0.187	1.46	3.7
M354329		100.0	124.0	<0.002	6.49	0.71	9.4	4	12.4	124.5	0.24	0.21	10.6	0.124	1.72	2.4
M354330		1340	153.5	0.002	3.00	31.0	8.9	1	5.9	144.0	0.60	0.32	11.5	0.206	2.50	5.0
M354331		36.8	119.0	<0.002	3.24	1.03	10.5	3	4.6	924	0.35	0.11	12.5	0.161	1.89	4.0
M354332		35.3	124.5	0.002	4.06	5.41	9.7	3	4.9	206	0.37	0.08	12.8	0.146	1.69	3.4
M354333		57.3	131.5	<0.002	6.77	83.7	9.2	5	11.2	28.2	0.27	0.40	13.3	0.127	1.79	3.2
M354334		19.5	136.0	<0.002	3.06	8.41	9.8	2	5.6	76.6	0.30	0.13	13.8	0.136	1.96	3.3
M354335		21.1	142.0	<0.002	2.86	7.14	10.4	2	5.7	81.2	0.31	0.09	13.7	0.133	1.91	3.4
M354336		25.5	108.0	<0.002	2.41	26.9	10.1	2	3.6	129.0	0.41	0.08	13.9	0.164	1.52	4.5
M354337		18.6	115.5	0.002	3.04	14.65	9.7	2	4.7	84.3	0.41	0.07	14.0	0.137	1.62	2.7
M354338		23.7	135.0	<0.002	4.03	50.1	10.4	2	6.1	44.5	0.31	0.10	13.6	0.148	1.77	3.0
M354339		1.5	1.4	<0.002	0.01	0.17	0.2	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
M354340		21.3	153.0	<0.002	3.84	12.15	10.9	3	8.5	35.1	0.34	0.10	14.2	0.151	1.80	3.0
M354341		36.3	123.0	0.002	4.22	36.6	10.3	3	5.5	41.9	0.32	0.15	13.7	0.151	1.65	2.5
M354342		16.2	122.0	<0.002	2.83	10.10	10.9	3	5.0	95.9	0.44	0.10	13.0	0.196	1.64	6.0
M354343		30.6	112.0	<0.002	2.59	9.49	10.3	2	3.7	121.5	0.45	0.07	13.5	0.205	1.59	4.4
M354344		23.1	113.0	<0.002	2.45	10.45	10.7	2	4.1	113.5	0.43	0.17	12.6	0.189	1.78	4.5
M354345		24.5	117.0	<0.002	2.57	10.30	10.5	2	4.1	113.0	0.43	0.10	14.1	0.199	1.85	4.9
M354346		23.2	106.0	0.003	2.48	11.70	10.0	3	3.8	260	0.48	0.06	11.8	0.196	1.62	3.5
M354347		57.4	139.5	0.003	3.31	18.40	11.1	2	4.7	1045	0.45	0.10	13.0	0.189	2.14	4.1
M354348		40.0	133.5	<0.002	3.15	23.6	9.6	3	4.2	434	0.40	0.06	12.9	0.163	2.23	3.9
M354349		24.2	104.0	0.002	2.60	2.22	9.8	3	2.9	1910	0.42	<0.05	13.1	0.175	1.41	3.9
M354350		21.7	109.0	0.002	3.95	13.25	10.5	4	3.0	213	0.52	0.06	13.8	0.177	1.36	3.8
M354351		1400	155.5	<0.002	3.18	31.7	9.0	<1	5.6	154.0	0.62	0.32	11.8	0.215	2.53	5.2
M354352		19.0	120.0	<0.002	3.60	8.87	10.0	3	3.8	141.0	0.46	0.08	13.4	0.172	1.64	4.6
M354353		15.7	113.5	<0.002	3.67	7.56	10.4	3	3.2	68.4	0.35	0.12	12.7	0.163	1.47	2.9
M354354		170.0	142.5	0.002	3.73	7.11	10.3	2	3.8	81.3	0.38	0.36	13.7	0.153	2.07	5.5
M354355		30.3	139.5	<0.002	3.94	13.70	10.2	2	4.8	116.0	0.34	0.21	13.2	0.148	2.16	5.7
M354356		122.0	130.5	0.002	5.39	9.27	9.3	2	8.7	56.5	0.29	0.26	12.6	0.126	1.96	2.8
M354357		53.0	126.0	<0.002	2.72	41.0	9.5	2	3.7	50.1	0.37	0.14	13.3	0.149	1.92	3.2
M354358		63.6	142.0	0.002	4.77	59.7	9.2	3	5.7	35.4	0.30	0.17	12.1	0.128	2.25	4.0
M354359		1.5	1.4	<0.002	0.01	0.22	0.2	<1	0.2	47.0	<0.05	<0.05	0.3	<0.005	<0.02	1.2
M354360		25.0	148.0	<0.002	4.07	30.1	10.0	2	6.4	52.4	0.32	0.12	12.9	0.144	2.44	2.6
M354361		24.1	139.5	<0.002	3.62	12.70	10.1	3	4.2	51.5	0.40	0.18	13.1	0.153	2.22	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219177

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M354326		63	6.4	11.6	68	18.9
M354327		63	8.3	12.6	64	20.9
M354328		63	5.8	11.2	65	19.3
M354329		61	14.5	8.9	265	14.4
M354330		56	5.1	10.4	2920	35.6
M354331		65	6.5	10.5	67	19.0
M354332		59	9.4	10.6	68	18.1
M354333		65	14.6	8.4	133	17.9
M354334		61	7.8	10.1	52	18.4
M354335		60	7.9	10.7	48	19.5
M354336		61	6.3	12.5	55	20.3
M354337		59	8.1	10.7	46	17.9
M354338		60	8.1	11.3	68	17.2
M354339		2	0.1	0.7	16	<0.5
M354340		67	10.7	10.6	40	19.1
M354341		64	7.4	11.7	59	18.5
M354342		64	8.6	13.4	43	20.1
M354343		65	7.3	13.0	76	18.7
M354344		62	6.3	11.8	58	19.5
M354345		65	6.5	11.6	62	19.0
M354346		62	6.6	11.6	61	19.1
M354347		63	7.1	11.4	109	21.2
M354348		58	9.0	11.8	87	19.6
M354349		61	7.2	11.7	58	19.6
M354350		61	8.5	12.7	46	21.3
M354351		58	5.3	10.7	3060	37.1
M354352		62	8.1	11.5	59	20.0
M354353		64	7.5	11.6	44	20.0
M354354		60	10.1	11.3	331	20.7
M354355		61	8.5	10.2	93	19.8
M354356		57	10.3	8.0	527	18.9
M354357		60	8.8	8.9	110	21.0
M354358		57	7.4	8.7	128	17.6
M354359		2	0.1	0.7	17	0.5
M354360		62	9.9	9.8	76	21.0
M354361		61	9.8	10.0	49	20.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219177

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219178

Project: Klaza-128

P.O. No.: Batch 8

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

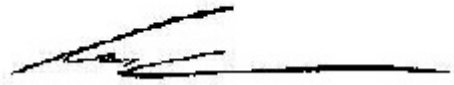
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219178

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354398		7.71	0.017	0.73	7.39	21.6	780	1.47	1.54	2.08	0.39	47.9	10.3	7	10.45	369
M354399		4.03	0.012	0.32	7.55	14.4	470	1.41	0.97	1.68	0.31	37.2	8.8	8	9.08	139.0
M354400		0.26	2.21	25.2	5.81	3250	690	1.21	18.85	2.21	76.9	44.4	9.8	18	13.45	425
M354401		5.38	0.014	0.30	6.78	24.4	440	1.31	0.80	1.49	1.02	36.5	9.5	8	7.77	114.5
M354402		5.30	0.019	0.23	5.85	12.2	670	0.95	0.42	0.48	0.58	30.3	7.9	11	4.04	35.9
M354403		2.94	0.033	0.44	5.73	31.4	600	1.18	0.42	0.71	1.23	32.7	6.7	9	5.47	86.6
M354404		2.97	0.115	6.92	5.77	157.5	290	0.88	10.90	1.08	4.23	31.8	12.2	8	4.37	335
M354405		2.47	<0.005	0.04	0.08	<5	20	0.05	0.05	21.1	0.07	1.33	1.3	<1	0.33	2.4
M354406		3.60	0.022	0.51	6.60	35.7	620	0.84	0.72	1.04	1.12	55.2	7.1	9	5.06	89.6
M354407		8.54	0.020	0.26	5.74	20.1	560	1.09	0.51	0.77	1.29	40.7	23.1	11	6.52	57.5
M354408		7.56	0.021	0.52	7.17	40.2	630	1.43	0.68	2.20	0.31	51.0	8.2	7	14.50	260
M354409		<0.02	0.021	0.53	7.55	42.8	590	1.48	0.67	2.28	0.31	56.4	8.3	7	15.25	266
M354410		7.15	0.022	0.58	6.75	11.2	1050	1.41	0.64	3.07	0.27	50.0	7.6	7	10.35	328
M354411		8.04	0.019	0.64	6.79	7.6	330	1.63	0.89	2.90	0.29	45.7	7.7	6	11.75	316
M354412		7.81	0.018	0.69	7.52	23.0	350	1.68	2.87	2.26	0.28	40.4	9.0	8	13.05	285
M354413		3.23	0.105	2.47	6.20	326	120	1.10	10.50	1.17	4.39	40.1	15.1	7	10.55	562
M354414		3.13	<0.005	0.02	0.14	<5	30	0.05	0.06	20.7	0.07	1.41	1.6	2	0.66	4.2
M354415		6.06	0.013	0.55	7.15	13.4	390	1.31	0.97	2.37	0.33	55.9	6.3	8	12.60	267
M354416		7.78	0.018	0.49	7.09	12.3	380	1.31	1.31	2.67	0.22	53.4	7.7	8	12.90	289
M354417		8.27	0.022	0.82	6.70	21.2	240	1.15	2.25	2.21	0.36	51.0	10.9	9	11.40	667

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354398		3.88	15.10	0.16	0.9	0.099	3.51	22.7	14.8	0.81	213	10.90	0.28	5.3	3.1	570
M354399		3.70	15.05	0.15	0.7	0.042	3.18	17.5	22.1	0.66	127	2.85	0.07	4.5	2.6	560
M354400		6.49	13.80	0.19	1.0	1.650	2.54	23.2	20.9	0.90	1860	13.35	0.04	6.2	14.7	430
M354401		3.19	15.20	0.14	0.7	0.038	2.98	17.2	16.2	0.56	121	20.4	0.08	3.9	2.6	440
M354402		1.80	14.20	0.09	0.7	0.049	2.83	15.8	10.8	0.29	105	22.2	0.08	3.4	2.2	410
M354403		1.99	13.25	0.10	0.7	0.091	2.83	17.8	11.6	0.45	493	15.20	0.06	3.3	2.5	410
M354404		7.77	12.75	0.22	0.6	0.261	2.76	16.8	11.5	0.66	903	14.80	0.06	2.6	3.1	420
M354405		0.49	0.33	0.07	<0.1	0.005	0.04	0.6	0.9	12.55	222	0.18	<0.01	0.3	2.9	150
M354406		3.04	14.50	0.13	0.7	0.072	3.10	31.0	11.3	0.41	312	7.06	0.08	3.1	2.8	470
M354407		2.87	12.15	0.11	0.6	0.071	2.73	22.3	13.6	0.42	205	24.0	0.06	2.7	2.9	400
M354408		3.14	15.45	0.14	0.8	0.083	2.90	25.7	18.2	0.80	307	11.95	0.05	5.3	2.4	560
M354409		3.36	16.05	0.15	0.8	0.090	3.01	28.9	19.5	0.85	317	12.10	0.05	5.4	2.8	560
M354410		2.49	15.90	0.13	0.9	0.097	2.90	24.3	19.7	0.81	280	8.93	0.08	6.7	2.6	560
M354411		2.83	15.00	0.15	1.0	0.092	2.93	21.1	17.3	0.78	232	5.76	0.60	6.7	3.3	540
M354412		3.77	15.70	0.15	0.9	0.115	3.66	20.2	13.1	0.93	304	3.19	0.14	6.5	2.8	570
M354413		9.36	12.80	0.26	0.6	0.315	2.94	19.5	8.6	0.62	494	5.25	0.04	3.7	2.3	480
M354414		0.49	0.45	0.05	<0.1	0.005	0.07	0.6	1.3	12.25	223	0.17	0.01	0.3	3.8	190
M354415		2.94	15.20	0.13	0.8	0.088	3.40	27.9	10.6	0.83	223	3.86	0.75	6.5	2.6	540
M354416		3.07	16.25	0.14	0.7	0.102	2.96	26.6	16.7	0.87	226	4.36	0.81	6.4	2.7	550
M354417		5.43	14.15	0.18	0.7	0.183	2.94	24.0	14.3	0.81	179	4.26	0.52	5.3	2.4	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354398		22.8	149.0	0.005	3.85	9.88	11.0	5	6.6	130.5	0.45	0.24	12.4	0.165	1.76	6.4
M354399		17.2	132.5	<0.002	3.85	6.85	11.1	5	5.7	68.2	0.36	0.14	13.6	0.153	1.48	5.9
M354400		2810	158.5	<0.002	4.67	87.2	7.7	2	7.7	87.8	0.47	0.39	9.6	0.173	2.17	5.0
M354401		34.0	126.5	0.009	3.18	12.95	9.5	3	5.9	67.4	0.31	0.12	11.8	0.130	1.29	7.4
M354402		28.2	135.0	0.009	1.61	6.97	8.1	2	5.3	15.7	0.29	0.06	10.1	0.106	1.27	3.3
M354403		51.6	142.0	0.003	1.78	17.40	8.2	2	5.5	25.0	0.27	0.06	10.6	0.108	1.64	2.9
M354404		249	134.0	0.003	8.55	103.5	7.7	8	13.6	22.2	0.20	0.51	8.3	0.095	1.53	3.1
M354405		2.1	2.6	<0.002	0.02	0.39	0.4	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M354406		87.5	145.5	0.002	2.83	15.95	8.3	3	7.1	33.3	0.25	0.06	11.9	0.106	1.50	3.9
M354407		44.6	126.0	0.005	2.73	6.67	7.5	2	7.4	25.4	0.21	0.07	10.3	0.097	1.47	2.4
M354408		21.6	130.5	0.004	2.82	18.45	10.0	4	5.5	70.7	0.43	0.09	12.8	0.164	1.89	3.3
M354409		22.9	139.5	0.003	2.97	19.65	10.4	4	5.5	73.9	0.43	0.10	13.8	0.169	1.92	3.4
M354410		21.0	91.4	0.004	2.03	10.15	9.9	3	6.2	111.0	0.53	0.07	11.8	0.189	1.52	2.7
M354411		23.4	97.4	<0.002	2.50	8.47	10.3	4	6.6	228	0.55	0.07	10.7	0.183	1.48	5.8
M354412		22.6	136.0	<0.002	3.40	10.70	10.5	5	8.2	94.7	0.57	0.58	11.5	0.199	2.00	4.3
M354413		214	140.0	<0.002	>10.0	34.5	8.4	12	9.6	36.6	0.29	0.65	8.9	0.132	2.10	2.8
M354414		2.0	4.7	<0.002	0.02	0.26	0.6	1	<0.2	46.7	<0.05	<0.05	0.2	0.006	0.03	1.3
M354415		23.7	132.5	<0.002	2.51	8.98	9.9	3	6.3	270	0.49	0.12	12.2	0.202	1.73	4.2
M354416		18.5	114.0	<0.002	2.62	4.63	10.1	4	7.2	282	0.48	0.19	11.2	0.198	1.56	4.3
M354417		24.1	112.0	<0.002	5.43	4.01	9.4	5	9.2	554	0.40	0.26	9.8	0.170	1.39	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219178

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354398		66	11.6	12.8	44	20.2	<1
M354399		70	9.1	11.4	35	16.9	<1
M354400		55	5.0	9.5	5410	24.8	24
M354401		63	7.3	10.9	76	16.8	<1
M354402		57	6.8	7.0	55	16.0	<1
M354403		56	6.8	6.7	125	14.9	<1
M354404		56	10.7	6.3	367	14.0	6
M354405		3	0.2	0.9	15	0.6	<1
M354406		61	7.2	8.1	117	16.5	<1
M354407		55	6.8	7.2	128	14.1	<1
M354408		62	7.1	11.3	52	18.0	<1
M354409		63	7.1	11.9	53	18.2	<1
M354410		64	7.4	12.3	44	20.3	<1
M354411		63	7.6	12.7	50	21.7	<1
M354412		68	9.6	12.2	47	19.3	1
M354413		60	10.7	10.5	368	13.1	2
M354414		4	0.2	0.9	14	<0.5	<1
M354415		66	7.4	13.2	53	18.3	<1
M354416		66	7.0	12.3	50	16.8	<1
M354417		64	10.2	12.2	50	17.1	<1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12219178

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219179

Project: Klaza-129

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

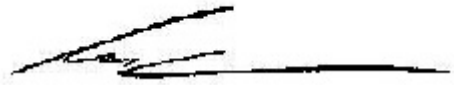
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219179

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357908		6.38	<0.005	0.14	7.31	11.3	2120	1.49	0.11	2.77	0.15	46.0	8.6	13	7.89	10.8
M357909		6.73	0.063	0.33	7.63	134.5	2270	1.55	5.03	2.77	1.24	47.7	6.7	25	7.67	10.0
M357910		2.62	0.093	2.01	7.37	213	2220	1.45	3.04	2.82	12.10	52.4	13.5	18	12.60	11.6
M357911		3.88	<0.005	0.01	0.09	<5	30	<0.05	0.03	21.0	0.08	1.47	1.3	<1	0.23	1.2
M357912		2.31	<0.005	0.20	7.38	9.2	2090	1.69	0.31	2.54	0.68	42.8	5.3	15	14.40	4.2
M357913		2.80	0.348	3.19	7.60	1065	1550	1.51	1.71	2.59	6.60	46.8	8.0	17	13.70	53.7
M357914		2.91	0.013	0.82	7.14	73.9	1950	1.53	0.64	2.71	0.37	40.8	8.5	17	9.33	51.9
M357915		2.47	0.093	4.08	7.53	199.0	1580	1.76	0.54	2.14	23.9	48.0	8.1	13	13.55	60.0
M357916		7.57	0.077	2.39	7.58	168.0	2040	1.52	0.91	2.39	13.30	48.7	12.1	17	8.29	86.4
M357917		0.26	2.20	24.9	5.94	2860	1370	1.38	21.2	2.18	80.1	46.2	11.1	19	15.50	444
M357918		2.70	0.104	1.90	7.43	175.0	1320	1.35	3.22	1.74	1.80	58.7	31.1	18	9.29	45.9
M357919		5.62	0.149	4.72	7.92	148.5	1260	1.67	6.39	1.49	11.50	54.2	23.2	16	9.78	107.5
M357920		2.72	0.839	12.05	6.05	933	4510	1.05	9.75	0.84	5.13	40.5	15.4	11	5.90	78.3
M357921		5.02	0.040	3.19	7.41	68.2	1870	1.56	5.07	2.20	4.82	46.9	8.7	22	11.30	67.4
M357922		3.33	<0.005	0.19	7.37	10.2	2030	1.67	0.34	2.51	0.49	48.5	5.4	20	8.43	4.2
M357923		2.32	0.043	0.39	6.94	53.1	1690	1.57	0.43	3.40	2.91	44.7	5.0	15	18.35	8.7
M357924		4.20	0.006	0.35	7.40	15.6	2110	1.63	0.86	2.50	0.84	52.3	8.3	15	6.65	25.0
M357925		2.05	0.005	0.27	7.25	14.5	2090	1.59	0.38	2.43	0.80	44.9	7.8	21	6.48	21.3
M357926		5.12	<0.005	0.14	7.48	8.5	2140	1.60	0.27	2.66	0.57	45.5	6.7	15	10.05	6.3
M357927		2.41	0.007	0.09	6.76	10.3	1980	1.66	0.22	3.16	0.19	36.2	6.9	21	15.75	8.6
M357928		3.99	<0.005	0.13	7.00	6.4	2120	1.59	0.37	2.70	0.62	43.8	6.5	16	10.85	8.0
M357929		2.08	0.054	1.17	7.03	74.7	2120	1.42	2.33	2.30	1.78	43.2	9.3	17	11.25	28.6
M357930		0.26	0.812	9.71	6.77	1810	490	1.36	6.23	1.85	42.6	44.6	16.3	19	17.45	106.0
M357931		4.38	0.012	0.30	7.18	17.0	1880	1.55	0.55	2.64	0.61	53.0	5.5	14	10.45	7.4
M357932		2.58	0.199	5.27	6.79	183.5	1260	1.42	1.23	3.86	31.7	46.8	9.4	11	19.45	27.5
M357933		2.69	0.016	0.54	7.00	27.1	1780	1.71	0.63	2.69	0.78	47.2	5.8	15	11.05	7.3
M357934		6.03	0.005	0.13	7.15	7.4	2010	1.49	0.68	2.83	0.14	49.8	6.8	16	7.14	9.1
M357935		7.67	0.005	0.19	7.35	4.4	2200	1.50	1.47	2.75	0.11	48.3	6.6	15	5.39	12.6
M357936		<0.02	<0.005	0.23	7.57	4.9	2270	1.56	1.70	2.82	0.13	54.6	6.8	15	5.69	13.1
M357937		6.30	<0.005	0.17	7.66	4.8	2240	1.60	1.51	2.70	0.10	55.5	7.7	19	4.36	18.2
M357938		6.34	0.012	0.24	7.87	8.9	2260	1.56	1.91	2.91	0.15	52.2	8.4	17	5.50	27.9
M357939		4.04	0.034	0.15	7.80	7.4	2370	1.40	1.15	2.80	0.13	45.3	4.9	14	4.92	7.4
M357940		2.59	0.022	0.53	7.50	24.1	1880	1.69	5.17	2.87	0.50	50.8	5.9	18	8.98	28.7
M357941		2.54	0.188	5.69	7.17	203	120	1.45	7.46	0.63	53.4	55.3	11.5	12	7.13	26.9
M357942		1.97	<0.005	0.04	0.07	<5	30	0.07	0.04	20.6	0.17	1.31	0.6	<1	0.18	2.1
M357943		5.19	0.007	0.34	7.55	13.5	2090	1.54	0.58	2.62	0.35	49.1	6.0	15	6.58	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219179

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357908		2.97	17.55	0.22	1.0	0.049	2.38	23.2	16.9	0.84	669	1.66	2.10	8.2	2.9	600
M357909		3.11	18.25	0.22	1.1	0.111	2.66	24.3	13.4	0.83	741	2.73	1.87	8.0	2.9	620
M357910		4.21	16.55	0.22	0.8	0.620	3.15	29.0	10.7	1.08	2360	8.83	0.21	6.4	3.0	570
M357911		0.49	0.42	0.29	<0.1	0.005	0.03	0.7	1.2	12.75	219	1.58	0.01	0.3	1.6	180
M357912		3.10	17.90	0.20	1.1	0.074	2.78	21.1	30.9	0.77	746	1.80	1.20	8.5	2.7	610
M357913		4.41	17.70	0.21	0.9	0.279	3.19	25.2	17.7	0.94	1450	1.93	0.78	7.5	2.9	570
M357914		2.84	17.60	0.24	0.9	0.124	2.97	20.3	15.9	0.79	1520	2.03	1.57	7.7	2.8	600
M357915		2.80	17.65	0.24	1.1	0.351	3.81	25.6	21.0	0.75	1460	2.02	0.89	7.8	2.3	540
M357916		3.12	17.55	0.26	0.9	0.739	2.96	27.1	16.8	0.81	870	1.76	1.56	7.7	2.7	580
M357917		6.73	15.35	0.22	0.9	1.870	2.56	25.4	26.0	0.90	1920	12.10	0.04	6.0	16.2	440
M357918		5.21	18.30	0.24	0.7	0.744	3.38	33.1	17.9	0.87	1930	2.54	0.27	7.0	3.4	600
M357919		4.84	18.75	0.26	0.8	1.230	3.50	30.0	24.0	0.68	2550	6.82	0.33	7.9	3.2	620
M357920		6.51	15.00	0.23	0.6	0.991	2.88	21.2	7.8	0.49	3160	10.25	0.03	4.8	2.6	450
M357921		3.64	17.15	0.24	1.0	0.651	3.27	24.8	16.2	0.79	2600	2.48	0.58	7.1	2.7	570
M357922		2.94	17.25	0.26	1.1	0.099	2.65	25.7	16.2	0.79	619	2.67	2.02	8.0	2.7	580
M357923		2.98	16.60	0.24	1.0	0.126	2.78	22.9	19.8	1.00	2070	3.01	0.93	7.7	2.5	550
M357924		2.89	17.35	0.26	1.1	0.087	2.68	27.8	16.0	0.81	747	9.52	1.97	8.3	2.9	590
M357925		2.83	16.75	0.26	1.0	0.081	2.61	22.8	13.7	0.81	729	5.80	1.96	7.8	2.9	580
M357926		2.86	17.25	0.26	1.1	0.058	2.73	22.7	21.8	0.74	626	2.58	2.08	8.1	2.8	580
M357927		2.69	15.90	0.06	1.3	0.046	2.61	16.5	39.7	0.80	794	2.33	1.70	7.8	3.1	550
M357928		2.84	16.10	0.10	1.3	0.076	2.72	19.7	16.9	0.71	741	1.78	1.84	7.7	2.7	570
M357929		3.66	16.50	0.15	0.9	0.341	2.99	22.9	14.4	0.71	1610	2.20	0.97	7.6	3.0	580
M357930		5.15	16.15	0.20	1.3	1.005	2.83	24.6	22.4	0.69	1990	12.70	0.27	7.6	15.6	510
M357931		3.34	16.00	0.09	0.9	0.137	2.95	25.6	13.4	0.85	1400	1.51	1.31	7.4	2.8	590
M357932		4.19	15.65	0.17	0.8	1.730	2.86	27.8	9.0	1.21	9820	4.57	0.03	6.6	3.2	530
M357933		3.20	16.70	0.09	1.1	0.113	2.71	21.6	14.3	0.85	1380	1.59	1.57	7.8	2.9	580
M357934		2.85	15.50	0.10	1.1	0.049	2.74	24.1	12.9	0.82	725	1.95	1.99	7.4	2.7	590
M357935		2.81	15.60	0.09	1.1	0.056	2.72	24.0	13.8	0.88	626	2.18	2.08	7.1	2.7	570
M357936		2.93	16.70	0.07	1.1	0.065	2.77	26.2	14.4	0.90	650	1.54	2.16	7.7	2.9	600
M357937		2.99	16.70	0.09	1.1	0.055	2.63	27.8	12.4	0.93	616	1.60	2.23	7.9	3.0	610
M357938		3.18	17.20	0.10	0.9	0.078	2.59	24.9	13.0	0.97	798	2.10	2.23	7.7	3.2	630
M357939		3.18	16.05	0.10	1.0	0.114	2.49	22.3	13.3	0.98	749	2.09	2.16	7.3	2.7	630
M357940		3.60	16.55	0.09	1.1	0.434	3.22	25.6	9.3	0.84	1700	1.72	0.94	6.9	2.7	580
M357941		6.23	18.60	0.11	1.1	3.35	3.48	26.3	5.3	0.46	2610	1.96	0.04	6.3	2.9	540
M357942		0.49	0.24	<0.05	<0.1	0.007	0.03	0.6	1.1	12.80	228	0.18	<0.01	0.2	1.1	210
M357943		3.29	16.35	0.10	1.3	0.134	2.92	24.0	10.1	0.88	942	1.84	1.84	7.3	2.8	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219179

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357908		22.0	99.8	<0.002	0.04	2.23	11.6	1	1.8	387	0.70	<0.05	11.8	0.246	0.99	3.8
M357909		43.2	118.5	<0.002	0.16	7.17	12.1	1	2.4	362	0.67	2.29	11.8	0.254	1.37	3.9
M357910		231	198.0	<0.002	1.27	7.85	11.3	2	3.4	112.5	0.55	0.59	12.1	0.213	2.41	4.9
M357911		1.5	1.8	<0.002	<0.01	0.05	0.3	1	<0.2	53.0	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M357912		17.2	107.0	<0.002	0.05	3.71	11.2	1	2.1	289	0.79	0.05	10.8	0.253	1.47	4.0
M357913		468	183.5	<0.002	1.72	15.60	11.4	1	4.7	231	0.62	0.19	10.3	0.233	2.21	4.2
M357914		23.6	134.5	<0.002	0.26	4.55	11.4	1	2.5	319	0.64	0.10	12.9	0.243	1.64	3.1
M357915		694	208	<0.002	0.82	8.89	10.8	1	3.9	202	0.83	0.07	14.5	0.227	2.47	4.7
M357916		257	145.5	<0.002	0.63	3.91	11.4	2	3.5	318	0.62	0.22	12.7	0.236	1.69	3.6
M357917		2860	166.0	<0.002	4.63	95.8	8.3	2	8.7	94.1	0.50	0.40	9.9	0.175	2.32	4.7
M357918		75.5	219	<0.002	1.92	5.29	12.2	1	4.5	121.5	0.58	0.56	11.5	0.237	2.71	4.4
M357919		192.0	217	<0.002	1.98	9.92	12.6	2	4.7	101.0	0.70	0.68	12.4	0.252	2.84	4.0
M357920		348	194.0	<0.002	5.14	22.9	9.0	2	6.0	71.6	0.40	1.10	8.7	0.161	2.40	2.5
M357921		164.5	206	<0.002	0.67	13.15	11.2	1	3.0	129.5	0.63	0.16	15.2	0.217	2.86	4.8
M357922		18.0	112.5	<0.002	0.10	2.46	11.3	2	2.0	354	0.77	<0.05	15.8	0.227	1.20	4.4
M357923		30.5	118.5	<0.002	0.53	6.00	10.2	1	1.9	246	0.73	<0.05	13.3	0.229	2.09	3.9
M357924		18.2	111.5	<0.002	0.21	2.27	11.8	2	2.0	355	0.74	0.29	14.3	0.242	1.30	4.2
M357925		16.8	106.0	<0.002	0.19	2.06	11.4	1	1.9	349	0.68	0.05	12.1	0.237	1.28	3.9
M357926		19.2	107.5	<0.002	0.07	1.90	11.1	1	1.8	375	0.71	0.08	12.3	0.242	1.12	3.7
M357927		18.4	90.4	0.004	0.08	2.46	10.0	2	1.7	340	0.66	<0.05	11.2	0.252	1.32	3.7
M357928		19.6	98.1	0.002	0.06	2.47	10.2	<1	1.7	342	0.72	<0.05	13.7	0.264	1.31	4.2
M357929		73.6	156.0	<0.002	0.93	5.06	10.2	1	2.7	237	0.63	0.34	12.9	0.250	2.31	4.1
M357930		1375	168.5	<0.002	3.13	35.8	8.5	1	6.3	156.0	0.65	0.32	12.8	0.215	2.52	5.4
M357931		19.7	119.0	0.003	0.23	3.25	11.3	1	2.3	292	0.59	<0.05	13.3	0.267	1.83	3.4
M357932		1070	177.0	<0.002	1.91	9.98	9.6	1	5.1	122.5	0.57	0.22	13.9	0.230	3.11	5.1
M357933		34.6	100.0	0.004	0.34	3.73	11.1	1	2.0	310	0.68	<0.05	13.3	0.266	1.77	3.3
M357934		18.6	99.7	0.006	0.06	1.37	10.5	<1	1.9	353	0.65	0.13	14.4	0.260	1.36	3.8
M357935		20.8	95.5	0.003	0.04	1.10	10.8	<1	2.2	377	0.64	0.57	13.6	0.255	1.23	4.8
M357936		20.4	99.4	<0.002	0.04	1.14	11.4	1	2.3	389	0.64	0.52	14.3	0.270	1.22	4.7
M357937		16.4	97.8	0.004	0.01	0.83	11.6	1	2.6	403	0.63	0.57	14.4	0.274	1.11	4.4
M357938		17.1	100.5	0.002	0.14	1.50	12.4	2	3.1	416	0.62	0.66	13.5	0.287	1.31	4.1
M357939		16.9	78.5	0.002	0.05	1.55	11.2	1	3.1	437	0.60	0.18	12.3	0.285	1.25	3.3
M357940		42.7	175.0	0.004	0.75	3.25	10.9	1	2.7	216	0.61	0.10	13.8	0.257	2.68	4.9
M357941		285	219	0.004	5.30	6.21	11.8	2	7.8	31.0	0.54	0.51	12.2	0.241	3.48	4.0
M357942		1.9	2.0	0.005	0.01	<0.05	0.3	<1	0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M357943		36.8	117.5	0.004	0.25	2.54	11.3	<1	2.0	326	0.64	<0.05	13.7	0.269	1.60	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219179

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357908		71	1.9	17.4	49	23.8
M357909		76	3.1	16.4	137	26.4
M357910		75	3.6	13.4	979	21.1
M357911		3	0.1	0.9	18	<0.5
M357912		74	3.0	16.0	108	24.0
M357913		69	3.8	15.3	434	22.0
M357914		70	3.1	14.8	72	22.2
M357915		65	3.7	13.9	1060	25.8
M357916		67	1.6	15.5	891	24.0
M357917		55	5.7	10.4	5420	25.6
M357918		76	10.5	13.6	286	18.8
M357919		76	3.9	13.3	1290	19.3
M357920		56	6.0	7.3	474	14.9
M357921		68	3.0	13.4	460	25.8
M357922		67	1.7	16.8	93	27.8
M357923		66	3.6	15.3	359	24.2
M357924		70	1.9	17.8	139	26.0
M357925		69	2.0	16.8	132	24.0
M357926		69	2.1	16.3	100	27.1
M357927		68	2.1	14.3	56	30.7
M357928		69	1.8	14.7	107	29.9
M357929		71	2.4	13.8	239	21.4
M357930		58	5.4	12.0	2960	36.8
M357931		74	1.8	15.8	118	24.2
M357932		64	6.3	14.3	2680	21.0
M357933		78	1.8	15.1	121	25.6
M357934		73	1.8	16.1	54	29.3
M357935		70	1.8	15.7	46	25.3
M357936		74	1.8	16.7	50	25.2
M357937		74	0.9	17.9	46	28.1
M357938		79	0.9	17.9	55	23.4
M357939		78	0.9	16.1	64	23.5
M357940		73	2.0	15.4	86	24.2
M357941		78	6.9	9.5	3540	26.7
M357942		2	0.1	0.8	17	<0.5
M357943		75	1.6	16.4	73	32.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219179

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219210

Project: Klaza-129

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

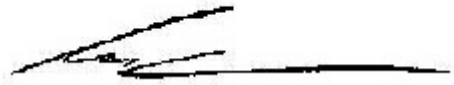
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219210

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357944		7.54	<0.005	0.08	7.68	4.9	2260	1.66	0.09	2.89	0.16	47.0	7.2	12	5.31	5.8
M357945		7.93	<0.005	0.07	7.49	4.9	2110	1.49	0.12	2.80	0.15	44.2	7.7	14	6.85	4.2
M357946		5.49	<0.005	0.06	7.34	5.8	2130	1.47	0.14	2.65	0.10	46.8	6.9	10	7.00	5.0
M357947		2.76	<0.005	0.12	7.48	8.8	2280	1.50	0.40	2.76	0.26	46.7	7.0	9	10.30	7.4
M357948		0.26	2.23	25.0	5.99	2850	1070	1.43	20.3	2.22	80.7	43.0	10.6	17	14.30	450
M357949		2.45	0.077	0.96	7.77	44.8	2080	1.49	2.58	2.16	0.28	49.5	14.5	8	11.90	8.7
M357950		2.61	0.127	1.90	6.82	140.0	680	1.45	2.30	2.21	12.00	45.9	9.3	5	12.90	14.1
M357951		2.89	0.156	1.77	7.40	195.0	730	1.62	2.44	1.92	6.50	48.6	8.9	7	14.60	18.8
M357952		1.74	<0.005	0.02	0.08	<5	20	0.06	0.01	20.9	0.09	1.25	0.6	<1	0.20	2.1
M357953		2.26	0.008	0.16	7.06	10.8	2130	1.52	0.51	3.07	0.17	42.6	8.9	8	7.99	6.7
M357954		5.05	<0.005	0.09	7.44	4.0	2170	1.53	0.11	2.77	0.12	45.9	7.1	10	5.33	4.9
M357955		8.06	0.005	0.53	7.28	5.8	1970	1.49	0.85	2.53	0.47	45.4	6.3	10	5.31	7.4
M357956		7.10	<0.005	0.18	7.36	9.3	2270	1.57	0.46	2.72	0.18	46.5	8.3	9	5.70	11.9
M357957		2.28	0.037	0.35	7.33	19.8	2030	1.49	1.02	2.62	0.17	47.5	9.8	8	12.70	13.7
M357958		0.26	2.30	25.2	5.87	2750	1050	1.36	19.60	2.19	80.0	42.8	10.7	17	14.35	447
M357959		2.74	0.032	0.64	6.75	20.2	1890	1.32	1.52	2.48	0.37	41.2	9.3	7	11.05	8.4
M357960		4.14	<0.005	0.13	7.04	5.9	1870	1.56	0.18	2.44	0.26	45.2	5.2	9	6.57	5.6
M357961		2.54	0.151	11.85	6.96	147.5	750	1.68	18.25	2.14	3.94	54.2	12.5	8	9.32	691
M357962		3.28	<0.005	0.08	0.07	<5	30	0.05	0.04	19.40	0.08	1.19	0.6	<1	0.14	4.2
M357963		7.47	<0.005	0.12	7.02	4.2	2360	1.42	0.23	2.99	0.25	45.5	7.9	10	6.62	6.7
M357964		3.79	<0.005	0.15	7.11	8.8	2090	1.36	0.35	3.03	0.12	41.7	8.1	10	11.55	10.3
M357965		3.86	0.009	0.31	7.00	20.8	2080	1.44	0.89	2.95	0.17	41.9	9.9	8	12.90	13.7
M357966		3.16	0.005	0.10	7.42	9.7	2130	1.49	0.41	2.86	0.09	45.8	8.5	10	8.75	5.2
M357967		2.40	0.005	0.27	6.86	11.0	1910	1.45	0.67	2.48	0.22	42.2	9.7	9	13.00	9.9
M357968		2.33	0.014	0.27	6.41	21.5	1650	1.26	1.03	2.97	0.26	35.9	16.5	8	7.71	7.1
M357969		<0.02	0.011	0.30	6.84	21.4	1860	1.46	1.07	3.16	0.28	40.4	16.8	9	8.35	9.0
M357970		2.56	<0.005	0.20	6.70	9.8	1920	1.43	0.84	2.69	0.16	41.2	8.5	10	9.20	8.4
M357971		4.19	0.011	0.31	6.76	28.9	1500	1.44	1.27	2.70	0.28	44.2	14.5	8	13.45	15.4
M357972		2.48	0.152	0.77	6.47	66.8	1490	1.13	4.29	2.39	0.31	17.20	46.8	7	4.80	5.4
M357973		2.28	0.083	1.40	7.10	75.8	1880	1.41	13.25	2.55	0.39	47.0	10.9	9	11.15	68.4
M357974		2.67	0.231	60.0	7.50	465	1250	1.33	2.80	2.74	4.86	43.0	8.0	9	15.20	1000
M357975		3.88	0.005	0.43	7.13	13.2	2460	1.48	0.39	2.91	0.35	47.5	8.0	12	8.47	19.4
M357976		2.07	<0.005	0.29	6.86	8.0	2250	1.52	0.31	2.85	0.24	44.0	7.4	10	7.78	15.3
M357977		2.79	<0.005	0.41	6.71	25.7	1460	1.67	0.38	2.88	0.62	45.4	5.2	8	18.15	16.7
M357978		2.71	0.540	1.32	6.60	396	1780	1.50	0.68	2.58	7.62	44.3	6.0	10	8.93	21.7
M357979		3.38	<0.005	0.29	7.14	3.6	2010	1.63	1.39	2.70	0.19	53.1	7.3	12	5.63	9.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219210

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357944		3.25	17.25	0.12	1.2	0.051	2.70	23.0	12.7	0.94	673	1.25	2.32	8.2	3.2	630
M357945		3.15	16.85	0.08	1.5	0.049	2.59	21.1	18.0	0.82	626	1.26	1.95	7.5	2.9	630
M357946		3.19	16.20	0.09	1.5	0.065	2.67	21.7	16.7	0.89	652	1.72	2.15	7.3	2.8	630
M357947		3.46	17.05	0.08	1.3	0.120	2.75	22.1	20.5	0.82	838	1.65	1.54	7.6	2.8	630
M357948		6.75	14.20	0.10	1.1	1.645	2.71	23.2	26.2	0.91	1940	12.15	0.04	5.5	16.2	440
M357949		4.41	16.45	0.09	1.4	0.359	3.18	25.7	26.4	0.84	973	1.52	0.75	7.0	3.0	620
M357950		5.78	14.60	0.08	1.3	0.278	3.10	22.2	12.0	0.90	1080	1.76	0.04	6.1	2.6	530
M357951		4.04	16.60	0.09	1.3	0.268	3.36	25.1	15.1	0.80	1360	1.09	0.05	6.8	2.6	590
M357952		0.47	0.24	0.05	<0.1	<0.005	0.03	0.6	1.1	13.20	205	0.11	0.01	0.2	1.2	200
M357953		3.22	15.70	0.07	1.4	0.102	2.69	19.3	20.0	0.81	705	0.82	1.64	7.1	2.6	610
M357954		3.18	16.95	0.10	1.3	0.053	2.54	21.6	13.4	0.90	645	0.90	2.17	7.8	3.0	610
M357955		2.98	15.40	0.07	1.3	0.069	2.75	22.0	14.4	0.83	760	1.04	1.95	7.3	2.6	570
M357956		3.19	16.70	0.12	1.3	0.084	2.85	22.1	16.8	0.88	917	1.04	1.98	7.6	2.8	590
M357957		3.66	16.20	0.10	1.2	0.160	2.52	22.1	21.5	0.93	987	1.11	0.70	6.7	2.9	600
M357958		6.64	14.50	0.09	0.9	1.775	2.67	23.2	25.5	0.89	1900	11.80	0.04	5.6	17.9	430
M357959		3.22	14.85	0.08	1.2	0.156	2.23	19.5	25.0	0.89	835	5.65	0.56	5.7	3.2	490
M357960		2.75	16.05	0.09	1.3	0.046	2.56	22.5	18.3	0.75	598	1.44	1.99	7.3	2.9	540
M357961		3.93	15.05	0.10	1.5	0.697	2.97	29.1	14.9	0.72	975	1.71	1.13	7.1	2.5	440
M357962		0.43	0.22	<0.05	<0.1	<0.005	0.03	0.6	1.0	12.15	188	0.21	0.01	0.1	1.4	170
M357963		3.15	17.35	0.11	1.1	0.047	2.42	20.6	17.3	0.97	661	1.98	2.13	8.3	2.7	640
M357964		3.27	18.00	0.13	0.9	0.062	2.20	18.5	19.1	0.93	703	5.38	1.99	8.3	2.9	650
M357965		3.39	17.80	0.12	1.0	0.096	2.50	18.8	24.4	0.79	781	4.33	0.97	8.2	2.7	640
M357966		3.01	17.40	0.11	1.4	0.101	2.68	21.1	18.2	0.89	726	2.34	1.69	8.4	2.4	570
M357967		2.80	17.30	0.12	1.3	0.056	2.41	19.4	30.8	0.70	653	1.13	0.86	8.1	2.4	570
M357968		3.33	16.35	0.12	1.1	0.181	2.29	16.9	18.9	0.86	797	1.29	1.40	7.0	2.4	500
M357969		3.40	17.70	0.13	1.2	0.182	2.39	18.7	21.0	0.88	854	1.19	1.53	7.5	2.8	580
M357970		3.18	17.00	0.11	1.0	0.128	2.43	18.7	15.2	0.89	761	1.02	1.46	7.8	2.7	600
M357971		3.01	17.40	0.12	1.2	0.124	2.63	21.0	29.8	0.70	775	0.86	0.87	7.6	2.8	550
M357972		4.20	16.10	0.07	1.2	0.614	3.11	8.6	37.3	0.99	1080	5.17	0.08	5.2	2.3	430
M357973		3.35	16.60	0.12	1.3	0.168	2.68	22.5	22.8	0.76	761	1.07	1.17	8.3	2.4	490
M357974		4.01	16.70	0.11	1.0	0.326	3.03	20.2	28.8	0.83	1300	1.27	0.38	7.6	2.6	530
M357975		2.94	18.10	0.13	1.2	0.106	2.94	22.0	15.5	0.81	726	1.01	1.71	8.3	2.6	600
M357976		2.91	18.15	0.12	1.2	0.095	2.82	20.2	15.7	0.79	703	0.93	1.74	8.4	2.3	570
M357977		3.06	17.70	0.13	1.2	0.097	3.20	21.5	13.7	0.97	893	0.75	0.29	7.8	2.6	580
M357978		2.88	16.80	0.14	1.4	0.167	2.83	21.2	18.0	0.79	1060	0.67	1.29	7.7	2.4	510
M357979		2.93	17.70	0.14	1.7	0.051	2.67	25.5	13.7	0.90	672	0.84	2.11	8.4	3.0	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219210

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357944		17.6	91.2	0.003	0.03	1.28	12.1	1	1.8	407	0.64	<0.05	12.5	0.289	1.08	4.0
M357945		17.0	89.6	0.003	0.03	2.85	11.7	1	1.8	365	0.64	<0.05	11.8	0.288	1.13	3.5
M357946		16.9	90.4	0.004	0.03	1.22	11.2	1	1.8	385	0.65	<0.05	12.1	0.288	1.13	3.7
M357947		18.3	105.0	0.003	0.15	3.43	11.5	1	2.1	310	0.63	<0.05	11.8	0.284	1.54	3.3
M357948		2950	162.0	0.003	4.76	87.3	8.2	<1	7.7	93.3	0.50	0.36	11.6	0.186	2.50	5.4
M357949		45.6	166.5	0.003	1.14	4.36	12.2	<1	2.9	196.0	0.63	0.32	13.9	0.278	2.25	4.1
M357950		392	177.5	0.002	4.35	9.19	10.5	1	5.3	80.6	0.54	0.52	12.4	0.237	2.79	8.1
M357951		198.5	204	<0.002	2.06	6.16	11.4	1	4.8	89.2	0.60	0.16	13.4	0.269	2.84	4.5
M357952		2.5	1.6	0.004	0.01	0.05	0.3	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M357953		17.5	95.9	0.004	0.21	2.28	10.6	1	2.2	343	0.63	0.06	10.9	0.276	1.56	3.0
M357954		19.6	86.0	0.002	0.04	1.32	11.8	1	1.8	399	0.61	<0.05	12.2	0.284	1.07	3.2
M357955		22.3	100.0	0.002	0.10	1.17	10.2	1	1.9	341	0.64	0.36	13.9	0.260	1.19	3.6
M357956		20.8	105.5	0.003	0.15	3.33	10.9	<1	2.0	363	0.66	<0.05	12.9	0.275	1.53	3.7
M357957		20.1	91.1	<0.002	0.53	5.70	11.2	1	2.0	209	0.56	0.08	12.5	0.257	1.45	3.3
M357958		2900	161.0	0.003	4.67	86.0	8.1	1	7.8	88.1	0.47	0.35	10.8	0.184	2.48	5.1
M357959		22.9	97.8	0.005	0.90	10.45	9.6	2	1.9	119.5	0.50	0.19	11.8	0.197	1.69	3.2
M357960		23.7	97.1	<0.002	0.03	1.65	10.7	1	1.7	343	0.66	<0.05	13.2	0.249	1.17	3.5
M357961		142.5	141.5	0.002	2.04	83.9	8.8	1	2.2	180.0	0.84	0.75	20.0	0.207	1.87	7.9
M357962		2.8	1.4	0.002	<0.01	0.28	0.2	<1	0.2	46.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
M357963		21.0	90.8	<0.002	0.08	1.23	11.9	2	1.6	420	0.63	<0.05	11.2	0.299	0.97	4.0
M357964		15.5	91.9	0.002	0.18	2.39	12.5	1	1.9	428	0.58	0.05	8.8	0.290	1.08	3.1
M357965		20.6	95.1	0.002	0.48	7.19	12.3	1	1.9	259	0.60	0.08	9.9	0.304	1.21	3.1
M357966		15.7	102.5	<0.002	0.18	2.02	11.1	1	1.8	331	0.77	0.07	13.0	0.268	1.26	4.5
M357967		21.7	100.0	<0.002	0.32	8.00	11.0	1	1.7	214	0.68	0.09	11.7	0.255	1.26	3.3
M357968		18.6	99.1	<0.002	0.69	2.52	10.6	1	1.7	287	0.54	0.18	10.4	0.241	1.29	3.2
M357969		21.9	105.5	<0.002	0.68	2.69	11.6	1	1.7	325	0.60	0.18	11.7	0.255	1.37	3.7
M357970		18.4	96.9	<0.002	0.23	3.39	11.8	1	1.9	310	0.55	0.12	9.2	0.293	1.13	3.0
M357971		18.0	124.5	<0.002	0.53	4.53	11.0	1	1.8	230	0.64	0.11	12.3	0.254	1.75	4.9
M357972		23.2	201	<0.002	1.76	2.80	10.5	1	2.4	97.3	0.55	0.71	14.1	0.177	2.44	4.0
M357973		40.0	125.5	<0.002	0.80	5.70	10.5	1	2.4	245	0.77	0.15	14.2	0.245	1.54	5.8
M357974		360	158.0	<0.002	1.95	114.0	11.1	1	4.8	154.5	0.59	0.08	11.0	0.272	2.09	3.8
M357975		23.2	144.0	<0.002	0.15	3.29	12.0	1	1.9	347	0.67	0.05	11.6	0.285	1.62	3.9
M357976		19.6	132.0	<0.002	0.12	2.52	11.9	1	1.9	352	0.67	<0.05	11.5	0.288	1.53	4.0
M357977		27.9	171.5	<0.002	0.25	13.45	12.4	1	2.2	177.0	0.56	<0.05	9.8	0.285	2.36	3.9
M357978		156.5	135.5	<0.002	0.60	8.40	10.6	1	3.6	281	0.65	0.12	12.2	0.248	1.53	3.9
M357979		23.4	102.5	<0.002	0.02	1.46	11.6	1	1.5	362	0.73	0.05	14.6	0.264	1.02	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219210

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357944		81	2.0	17.2	51	32.2
M357945		79	1.9	16.5	50	40.1
M357946		80	1.6	15.9	52	39.8
M357947		78	1.6	15.3	70	37.3
M357948		56	5.4	9.6	5350	25.9
M357949		79	2.8	15.1	71	36.2
M357950		64	4.3	11.9	624	31.7
M357951		76	4.1	12.4	353	34.4
M357952		2	0.1	0.8	13	<0.5
M357953		76	2.5	15.2	63	34.3
M357954		78	1.9	16.3	49	35.6
M357955		71	2.1	14.9	93	32.8
M357956		75	1.8	15.6	70	33.3
M357957		74	2.5	14.6	75	30.0
M357958		55	5.0	9.8	5260	26.1
M357959		59	2.6	13.0	75	28.9
M357960		68	1.4	15.6	55	34.9
M357961		54	2.6	13.9	394	35.6
M357962		2	0.1	0.7	14	<0.5
M357963		82	1.6	17.4	70	29.1
M357964		82	1.6	16.6	61	22.8
M357965		84	2.0	16.0	67	28.7
M357966		73	1.5	16.4	52	36.8
M357967		70	2.6	14.9	59	34.8
M357968		72	2.1	13.1	71	30.0
M357969		75	2.3	14.5	76	33.3
M357970		81	1.5	16.0	65	30.0
M357971		72	2.8	14.6	72	33.7
M357972		74	6.5	8.6	58	29.6
M357973		69	3.5	15.3	74	31.3
M357974		75	3.7	13.4	335	26.1
M357975		79	3.0	16.3	71	32.1
M357976		80	2.4	16.2	64	31.9
M357977		79	4.1	15.2	84	36.0
M357978		67	2.1	14.6	447	41.4
M357979		73	0.6	17.9	65	50.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219210

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219211

Project: Klaza-129

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

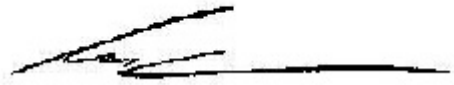
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219211

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357980		5.12	<0.005	0.15	7.16	7.4	1810	1.64	0.22	2.46	0.22	52.8	5.7	9	6.31	9.5
M357981		7.62	0.180	0.19	7.70	188.5	2210	1.46	0.29	2.80	0.30	50.0	6.3	10	6.79	7.1
M357982		5.38	0.019	0.46	7.51	42.4	2010	1.44	1.31	2.31	0.91	50.8	18.2	11	7.17	11.2
M357983		2.39	0.078	3.03	7.15	104.5	820	1.28	13.65	1.46	2.08	52.1	59.7	8	6.27	7.5
M357984		0.23	0.255	>100	5.70	243	610	0.66	5.02	1.39	25.9	21.2	11.5	64	0.92	6030
M357985		2.88	0.030	0.60	7.24	54.0	1820	1.42	1.49	2.49	0.27	54.4	15.2	7	12.25	6.8
M357986		3.14	<0.005	0.24	7.30	16.8	1370	1.29	0.56	2.15	0.12	53.5	16.9	7	10.05	1.2
M357987		3.00	0.076	1.01	5.26	117.0	800	0.90	1.71	1.53	6.67	40.0	44.4	7	5.23	8.0
M357988		2.75	0.030	0.76	7.58	66.2	1480	1.50	1.23	1.95	1.78	55.9	15.5	9	12.95	2.9
M357989		<0.02	0.029	0.59	6.66	56.5	1300	1.42	1.02	1.69	1.37	49.6	14.1	7	11.30	2.6
M357990		4.35	0.009	0.27	7.11	23.3	2240	1.43	0.85	2.51	0.33	43.5	8.7	9	10.40	18.7
M357991		7.10	0.009	0.23	7.29	19.4	1950	1.48	0.48	2.45	0.28	45.3	10.7	9	10.95	10.9
M357992		6.94	0.013	0.33	7.56	24.8	1450	1.52	0.84	2.32	0.42	48.3	8.6	9	12.35	31.4
M357993		2.76	0.079	1.01	5.89	35.5	2620	1.29	1.69	5.41	3.79	45.3	7.8	5	11.65	50.2
M357994		3.07	0.119	0.68	6.58	59.0	1610	1.27	0.90	3.46	1.09	48.2	14.2	5	13.25	60.3
M357995		2.81	<0.005	0.01	0.14	<5	30	0.08	0.02	19.60	0.07	1.49	1.8	<1	0.55	2.8
M357996		4.33	0.015	0.56	7.54	31.0	1920	1.46	0.44	2.15	2.94	50.0	5.6	7	17.65	12.7
M357997		6.99	<0.005	0.13	7.14	8.3	1950	1.42	0.21	2.49	0.14	42.3	7.6	8	16.55	6.0
M357998		3.09	0.017	0.41	7.38	29.3	1710	1.48	0.44	2.20	1.27	42.8	7.2	8	13.75	10.8
M357999		2.54	0.019	1.43	7.19	41.1	1940	1.32	0.73	2.98	24.8	47.4	8.5	7	17.05	38.8
M358000		7.96	0.011	0.29	7.78	22.4	1970	1.51	0.46	2.77	1.23	51.6	9.1	11	9.28	12.7
M356501		0.23	0.264	>100	5.74	230	610	0.64	5.20	1.36	25.9	20.9	11.6	61	0.92	5910
M356502		6.35	<0.005	0.22	7.59	9.3	2140	1.52	0.26	2.77	0.24	50.3	8.5	10	9.83	12.0
M356503		2.56	0.028	3.21	7.50	66.8	1820	1.52	1.98	2.78	19.60	51.5	12.4	8	15.75	52.2
M356504		3.57	<0.005	0.15	7.52	5.2	2180	1.55	0.21	2.84	0.39	46.1	8.0	10	8.54	3.3
M356505		4.42	<0.005	0.18	7.44	10.9	2020	1.60	0.24	2.31	0.99	52.1	6.6	9	8.65	6.9
M356506		2.10	<0.005	0.12	7.28	7.3	2090	1.44	0.20	2.41	0.26	47.5	6.2	9	7.61	4.5
M356507		6.06	0.005	0.41	7.45	25.8	2810	1.48	0.75	2.32	1.30	47.0	9.0	8	10.40	17.1
M356508		3.38	0.049	0.80	7.19	88.7	2170	1.59	2.35	2.49	0.38	47.2	17.1	8	8.52	12.5
M356509		4.57	0.012	0.31	7.51	19.7	2010	1.59	0.99	2.67	0.37	53.8	10.8	13	8.26	16.8
M356510		2.65	0.010	0.39	7.24	20.9	1850	1.36	0.75	2.66	0.91	47.6	9.1	9	11.40	27.3
M356511		5.47	0.020	0.71	7.13	45.1	1350	1.50	5.75	2.24	2.80	56.9	16.6	11	9.72	4.6
M356512		6.60	0.040	1.48	6.24	44.2	2500	1.22	2.03	4.06	0.64	56.2	28.8	6	11.15	6.4
M356513		2.73	<0.005	0.01	0.08	<5	20	0.05	0.03	19.70	0.08	1.47	1.5	<1	0.54	2.2
M356514		2.73	0.037	0.78	6.79	59.8	1680	1.41	1.68	2.76	1.03	52.6	45.0	7	11.55	4.3
M356515		3.54	0.014	0.47	6.83	27.9	2160	1.47	0.90	2.55	1.32	45.4	7.0	7	13.70	9.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219211

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357980		2.60	16.00	0.13	1.9	0.082	2.57	25.5	13.6	0.77	575	0.79	2.02	8.6	1.9	520
M357981		3.17	16.95	0.16	1.4	0.073	2.46	23.9	14.3	0.94	750	1.09	2.00	8.3	2.1	650
M357982		3.78	16.70	0.18	1.4	0.237	2.83	25.1	14.7	0.91	888	0.97	1.25	7.5	3.0	600
M357983		5.08	16.00	0.22	1.3	0.621	3.25	27.5	10.2	0.83	1460	0.72	0.04	6.3	4.0	550
M357984		5.70	11.95	0.18	1.7	0.470	1.10	9.8	13.3	1.14	1700	21.5	1.56	3.4	27.4	460
M357985		3.48	16.70	0.16	1.3	0.459	3.18	28.2	11.0	1.14	1520	2.86	0.05	5.9	1.7	540
M357986		2.98	15.55	0.16	1.2	0.391	3.31	26.8	10.9	0.93	1220	0.43	0.05	5.4	1.7	560
M357987		3.87	11.35	0.15	0.8	0.316	2.31	20.7	18.4	0.69	1120	5.77	0.03	3.3	2.6	390
M357988		3.37	16.45	0.16	1.3	0.413	3.39	29.0	11.3	0.94	1400	7.86	0.04	5.4	1.9	590
M357989		2.92	14.90	0.12	1.2	0.367	2.97	25.9	10.0	0.82	1220	6.90	0.04	4.7	2.1	510
M357990		3.63	16.85	0.15	1.3	0.212	2.70	20.1	23.1	0.83	928	0.94	1.16	7.0	1.8	600
M357991		3.38	16.75	0.16	1.3	0.107	2.41	21.1	23.6	0.83	719	1.08	1.57	7.9	2.3	590
M357992		3.13	18.05	0.16	1.3	0.114	2.21	22.8	38.6	0.79	793	0.87	0.23	7.8	2.0	620
M357993		3.14	13.00	0.14	1.1	0.147	2.16	23.6	27.8	2.11	1440	1.32	0.11	5.6	0.8	450
M357994		3.09	15.10	0.14	1.1	0.151	2.42	25.1	28.1	1.40	965	2.80	0.12	6.1	1.8	510
M357995		0.47	0.43	<0.05	<0.1	0.005	0.06	0.7	2.2	12.35	210	0.11	0.01	0.3	<0.2	180
M357996		3.58	16.70	0.14	1.3	0.143	2.48	24.3	39.9	0.89	1120	1.20	0.20	7.8	1.9	590
M357997		3.00	17.00	0.13	1.4	0.064	2.45	19.0	24.9	0.79	695	1.15	1.28	8.4	2.2	620
M357998		3.32	16.85	0.15	1.2	0.157	2.33	19.9	25.4	0.71	790	2.02	1.04	8.1	2.3	620
M357999		3.31	17.20	0.15	1.1	0.223	2.72	23.1	20.3	1.06	1180	0.69	0.08	7.5	1.9	590
M358000		3.60	17.70	0.17	1.2	0.167	2.45	24.1	18.7	0.96	982	1.96	1.99	8.4	2.7	670
M356501		5.64	12.15	0.17	1.6	0.471	1.08	9.6	12.6	1.12	1660	20.7	1.54	3.4	28.1	460
M356502		2.99	17.25	0.15	1.2	0.068	2.49	23.8	16.3	0.83	627	1.32	2.03	8.4	2.3	620
M356503		4.33	16.35	0.18	1.1	0.799	2.53	25.3	28.8	0.90	1140	1.97	0.73	7.7	2.4	610
M356504		3.25	17.80	0.15	1.5	0.064	2.60	20.8	16.9	0.87	649	1.52	2.08	8.9	2.3	630
M356505		3.12	16.80	0.15	1.6	0.081	2.70	25.0	18.3	0.82	646	1.12	1.86	8.5	2.0	560
M356506		2.93	16.40	0.14	1.5	0.080	2.66	22.4	15.9	0.78	595	1.08	1.98	8.3	1.9	560
M356507		2.99	17.10	0.16	1.2	0.164	3.20	22.5	35.9	0.74	923	8.11	0.27	8.0	2.0	570
M356508		3.65	16.35	0.17	1.3	0.416	2.70	22.6	21.8	0.78	1000	5.04	0.76	6.8	3.1	550
M356509		3.14	17.15	0.16	1.2	0.153	2.05	25.9	25.7	0.94	818	1.04	1.77	7.9	3.5	620
M356510		3.04	17.05	0.17	1.3	0.089	2.33	22.6	19.6	0.83	691	0.88	1.83	8.1	2.4	580
M356511		3.80	15.50	0.17	1.0	0.443	2.99	29.1	18.9	0.90	1560	3.97	0.27	6.2	2.7	560
M356512		3.04	13.05	0.14	0.9	0.240	2.58	30.5	14.9	1.59	1000	10.85	0.06	5.4	2.1	480
M356513		0.47	0.32	<0.05	<0.1	0.007	0.04	0.7	1.2	12.65	214	0.23	0.01	0.2	<0.2	180
M356514		3.99	14.25	0.14	0.9	0.590	2.79	27.4	14.6	1.02	1200	1.43	0.16	4.8	4.4	540
M356515		2.97	15.90	0.12	1.1	0.223	2.30	21.8	41.2	0.81	1100	2.16	0.74	7.5	1.9	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219211

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357980		20.5	106.5	<0.002	0.07	2.40	10.8	2	2.1	337	0.89	<0.05	17.5	0.231	1.17	5.6
M357981		32.4	101.5	<0.002	0.23	3.24	13.3	2	2.0	392	0.68	0.05	12.9	0.272	1.18	4.2
M357982		47.2	144.0	<0.002	1.01	2.81	12.7	2	2.6	283	0.64	0.27	13.5	0.245	1.80	4.8
M357983		130.0	240	<0.002	3.08	3.64	11.7	2	4.4	56.7	0.55	1.99	15.2	0.202	2.83	4.6
M357984		9940	30.8	0.011	2.27	448	13.4	4	2.1	190.5	0.24	1.15	2.5	0.235	0.51	1.6
M357985		25.1	232	<0.002	0.92	7.30	11.1	1	3.0	96.0	0.53	0.20	14.9	0.197	3.08	8.0
M357986		12.1	267	<0.002	0.64	5.23	11.0	2	2.5	90.5	0.43	0.11	12.7	0.172	3.43	4.9
M357987		102.0	195.5	<0.002	2.29	16.40	7.9	2	2.5	54.1	0.27	0.38	9.7	0.123	2.39	3.1
M357988		107.5	275	0.002	0.95	9.94	11.6	2	2.9	94.9	0.46	0.16	15.9	0.192	3.53	5.5
M357989		79.9	246	<0.002	0.81	8.86	10.4	2	2.5	83.4	0.41	0.14	12.9	0.167	2.98	4.3
M357990		21.3	129.5	<0.002	0.42	5.74	12.1	2	2.7	265	0.57	0.12	11.2	0.234	2.02	4.2
M357991		27.4	98.4	<0.002	0.39	5.05	12.0	2	2.4	316	0.64	0.08	12.9	0.247	1.38	4.0
M357992		20.7	80.9	<0.002	0.33	10.75	12.3	2	2.3	144.0	0.71	0.17	13.5	0.238	1.61	4.3
M357993		119.5	130.5	<0.002	0.59	14.50	9.8	2	2.2	224	0.47	0.16	11.6	0.185	1.81	4.8
M357994		47.3	141.5	<0.002	0.75	20.8	11.0	2	2.3	167.0	0.50	0.11	12.5	0.198	1.92	4.5
M357995		1.4	4.0	<0.002	<0.01	0.17	0.8	2	<0.2	39.9	<0.05	<0.05	<0.2	0.006	0.03	0.6
M357996		182.5	110.0	<0.002	0.34	10.55	11.9	2	2.8	156.5	0.68	<0.05	13.0	0.256	1.75	3.4
M357997		16.7	84.0	<0.002	0.08	6.32	11.6	2	2.0	306	0.71	<0.05	11.9	0.265	1.12	3.2
M357998		45.0	98.4	<0.002	0.35	7.64	12.3	2	2.5	233	0.66	0.05	12.4	0.265	1.27	3.3
M357999		372	104.5	<0.002	0.78	10.90	12.1	2	3.8	162.5	0.59	0.09	10.8	0.249	1.95	3.9
M358000		47.7	103.0	<0.002	0.35	3.46	13.6	2	2.6	368	0.67	0.06	11.9	0.276	1.29	3.6
M356501		9860	30.8	0.010	2.26	451	13.1	4	2.1	189.0	0.22	1.00	2.4	0.236	0.49	1.6
M356502		24.1	92.9	<0.002	0.12	3.37	12.3	2	1.8	398	0.69	<0.05	13.2	0.262	1.07	4.0
M356503		1020	114.0	<0.002	1.41	17.20	12.5	2	2.9	232	0.62	0.13	13.2	0.258	1.51	4.7
M356504		29.8	88.7	<0.002	0.08	2.21	12.1	2	2.1	410	0.79	<0.05	12.0	0.275	1.19	5.3
M356505		62.4	109.5	<0.002	0.12	2.62	11.7	2	2.2	346	0.86	<0.05	15.4	0.241	1.22	5.5
M356506		26.8	100.5	<0.002	0.08	2.38	11.0	2	2.0	358	0.81	<0.05	13.8	0.237	1.11	4.9
M356507		44.6	150.5	<0.002	0.31	16.45	11.3	2	2.3	161.5	0.71	0.08	14.5	0.243	2.32	3.9
M356508		20.5	151.5	<0.002	1.02	11.25	11.3	2	2.6	161.0	0.66	0.39	14.7	0.209	2.29	4.3
M356509		23.1	98.2	<0.002	0.33	4.29	12.6	2	2.3	325	0.67	0.18	14.3	0.250	1.41	4.9
M356510		31.1	96.3	<0.002	0.34	4.41	11.7	2	2.1	376	0.69	0.12	13.9	0.244	1.24	4.2
M356511		40.4	210	<0.002	1.05	5.51	11.9	2	2.5	134.0	0.54	2.68	14.5	0.200	2.80	5.2
M356512		36.9	178.5	0.002	1.12	5.39	10.6	2	2.6	153.5	0.47	0.77	13.1	0.172	2.33	5.4
M356513		1.8	3.3	<0.002	0.01	0.06	0.7	2	<0.2	41.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356514		37.1	168.5	<0.002	1.59	6.97	10.0	2	2.4	123.5	0.42	0.41	12.2	0.158	2.41	5.0
M356515		47.5	107.0	<0.002	0.33	7.88	10.9	2	2.1	262	0.71	0.08	12.4	0.230	1.60	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219211

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	V	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	1
M357980		66	0.9	17.3	56	47.2	
M357981		80	2.0	18.1	64	36.6	
M357982		75	4.6	15.9	96	34.2	
M357983		68	8.9	11.3	162	34.8	
M357984		82	0.7	15.0	5000	51.2	102
M357985		70	3.6	13.8	63	32.3	
M357986		73	6.0	13.7	39	31.0	
M357987		57	2.7	8.8	353	19.9	
M357988		72	4.5	13.9	163	34.5	
M357989		62	3.9	12.4	133	30.0	
M357990		77	2.4	14.2	87	34.3	
M357991		76	2.1	15.3	68	32.7	
M357992		80	3.1	14.9	88	27.5	
M357993		57	4.3	14.3	321	28.3	
M357994		63	3.1	14.7	129	29.8	
M357995		4	0.1	1.0	11	<0.5	
M357996		75	4.7	15.3	277	29.6	
M357997		78	2.5	15.7	52	33.6	
M357998		77	3.0	14.6	146	28.5	
M357999		78	3.7	16.1	1920	25.8	
M358000		84	2.1	18.5	152	26.0	
M356501		80	0.6	15.0	5040	52.9	102
M356502		77	1.7	17.1	62	29.1	
M356503		74	3.0	16.9	1590	26.4	
M356504		80	1.7	16.9	75	32.0	
M356505		70	1.9	17.2	119	34.0	
M356506		70	1.4	16.5	63	31.9	
M356507		71	3.0	15.3	158	28.0	
M356508		70	2.8	13.6	92	28.9	
M356509		79	1.8	16.4	83	27.1	
M356510		73	1.5	14.9	108	28.3	
M356511		75	3.7	12.0	233	22.8	
M356512		58	2.9	12.6	81	19.5	
M356513		4	0.1	0.9	11	<0.5	
M356514		58	3.3	13.2	104	22.0	
M356515		68	3.0	14.3	145	24.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219211

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219212

Project: Klaza-129

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

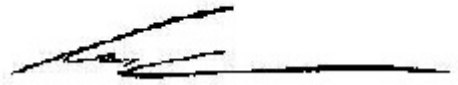
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219212

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356516		5.93	0.007	0.26	7.38	10.5	1970	1.40	0.43	2.79	0.32	50.7	7.7	9	9.77	12.4
M356517		2.71	0.005	0.19	7.18	10.9	2080	1.43	0.62	2.50	0.20	48.8	8.1	8	16.10	3.6
M356518		3.88	0.005	0.17	7.04	8.9	2060	1.45	0.49	2.63	0.21	49.6	6.7	9	9.30	6.1
M356519		6.34	<0.005	0.10	7.14	7.2	2220	1.60	0.21	2.61	0.29	54.7	5.8	10	6.67	6.7
M356520		7.98	0.015	0.25	6.57	13.8	2040	1.30	0.72	2.65	0.30	45.7	8.3	9	7.68	15.0
M356521		<0.02	0.012	0.24	6.86	13.2	2020	1.40	0.66	2.61	0.34	52.9	8.0	10	7.94	14.5
M356522		7.48	0.014	0.35	7.24	11.3	1980	1.41	0.42	2.53	0.37	53.6	5.8	9	7.84	152.0
M356523		2.47	0.006	0.16	7.28	9.8	2540	1.50	0.45	2.85	0.15	50.0	6.8	9	9.67	9.5
M356524		3.01	0.047	0.48	7.63	58.7	800	1.38	2.03	3.64	0.21	66.1	31.6	7	18.10	3.7
M356525		0.26	0.255	95.6	5.12	197.0	580	0.71	4.55	1.36	22.8	19.90	12.0	60	0.87	5910
M356526		4.27	0.009	0.26	7.04	21.7	2060	1.26	0.75	2.98	0.40	51.7	11.3	7	12.75	18.3
M356527		2.67	0.334	1.49	6.82	129.5	1090	1.33	1.29	2.83	8.82	54.6	8.9	7	15.80	39.1
M356528		3.85	0.011	0.21	7.60	11.7	3570	1.51	0.43	2.52	0.24	56.6	4.9	10	9.06	18.1
M356529		3.34	0.011	0.27	7.50	21.7	2610	1.46	0.70	2.64	0.55	55.2	10.6	8	11.35	34.1
M356530		1.68	0.015	0.23	7.45	22.5	2610	1.47	0.65	2.65	0.37	51.9	11.9	8	11.85	18.9
M356531		3.09	0.028	0.62	6.56	38.0	670	1.11	2.45	2.86	0.26	49.2	30.3	7	10.75	11.5
M356532		2.81	0.033	0.54	7.47	29.5	2040	1.50	1.28	2.06	0.91	51.6	20.1	8	12.70	8.6
M356533		2.14	0.060	0.96	6.88	50.0	1890	1.71	1.30	3.74	3.49	50.6	23.0	6	15.45	40.4
M356534		5.42	0.020	0.91	7.25	36.8	1830	1.56	1.91	2.59	1.29	51.1	26.3	9	13.95	23.2
M356535		2.26	0.511	2.47	6.70	158.0	780	1.37	1.63	2.79	21.0	52.3	5.9	7	12.35	21.3
M356536		2.29	0.036	0.48	7.68	44.0	2120	1.76	0.81	2.62	0.41	53.1	10.6	10	11.70	17.5
M356537		4.58	0.006	0.11	7.56	11.6	2210	1.68	0.31	2.84	0.14	56.2	6.9	9	9.53	6.2
M356538		0.26	0.255	100.0	5.44	207	610	0.68	4.86	1.44	23.8	21.0	12.4	65	0.92	6220
M356539		8.27	0.021	0.64	7.26	37.9	2130	1.45	1.57	2.30	0.64	50.5	21.2	9	7.58	28.4
M356540		2.67	0.014	0.48	6.85	33.2	1550	1.13	1.31	2.51	0.46	51.5	17.1	9	7.44	26.3
M356541		2.20	0.140	1.98	6.00	117.0	730	1.20	2.19	3.84	26.5	57.2	20.1	6	9.70	101.0
M356542		4.74	0.011	0.56	6.54	16.8	1400	1.00	1.96	1.79	0.48	52.7	17.7	10	6.26	16.6
M356543		3.24	<0.005	0.02	0.06	<5	20	0.05	0.02	20.0	0.07	1.28	1.5	<1	0.12	1.6
M356544		2.36	0.031	0.90	6.35	41.5	430	1.05	3.06	3.73	0.60	38.9	29.8	8	11.70	14.5
M356545		2.58	0.020	0.73	6.86	34.6	1000	0.88	2.52	2.14	0.81	51.1	17.1	8	6.77	33.4
M356546		7.65	0.022	0.67	6.81	41.6	1470	1.06	1.92	2.36	0.79	50.1	18.3	9	5.57	46.9
M356547		7.88	0.038	1.57	7.23	59.4	1550	1.26	1.95	2.13	14.10	56.3	16.5	10	7.36	38.5
M356548		4.33	0.037	1.07	7.66	58.4	1450	1.42	2.68	2.50	0.66	52.5	18.9	12	9.98	43.4
M356549		2.34	<0.005	0.04	0.07	<5	250	0.05	0.02	20.6	0.16	1.48	1.6	<1	0.13	0.8
M356550		2.97	0.103	2.21	6.60	56.1	1600	1.44	1.47	3.59	21.8	44.4	6.4	30	8.07	14.2
M356551		4.59	0.397	4.84	7.08	191.5	1420	1.44	0.88	2.56	7.31	43.4	7.7	15	6.27	238

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219212

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356516		3.28	17.40	0.11	1.1	0.142	2.61	24.0	21.3	0.87	852	0.74	1.68	8.0	2.4	630
M356517		3.37	16.75	0.14	0.9	0.115	2.57	23.5	26.7	0.85	1070	0.97	0.72	7.8	2.0	600
M356518		3.26	16.65	0.17	1.2	0.113	2.54	23.2	17.1	0.84	905	1.66	1.95	8.1	1.9	600
M356519		3.05	16.60	0.19	1.2	0.072	2.65	25.8	13.3	0.90	646	7.25	2.16	8.5	1.9	600
M356520		3.01	15.10	0.16	1.0	0.116	2.53	21.4	14.3	0.76	775	6.49	1.75	7.3	1.7	520
M356521		3.01	15.10	0.19	1.0	0.119	2.51	26.4	14.5	0.79	763	6.31	1.73	7.4	1.7	520
M356522		3.26	16.00	0.19	1.0	0.149	2.46	25.8	17.7	0.93	707	12.85	1.74	8.6	2.1	630
M356523		3.26	17.05	0.19	1.1	0.180	2.86	22.6	20.1	0.85	837	6.14	1.28	8.6	1.8	650
M356524		5.17	17.20	0.20	0.9	0.747	3.46	33.5	26.7	1.03	1500	2.01	0.08	6.0	2.4	630
M356525		5.59	11.10	0.07	1.4	0.423	1.07	9.0	12.4	1.05	1680	21.0	1.52	3.3	28.5	440
M356526		3.65	15.40	0.16	0.9	0.281	2.93	25.1	33.1	0.80	1140	2.65	0.27	7.2	1.9	610
M356527		4.20	15.00	0.13	1.1	0.325	3.00	27.7	34.7	0.99	1980	4.32	0.05	6.9	1.7	550
M356528		3.56	16.75	0.20	1.5	0.081	3.00	27.8	18.6	0.86	767	1.25	1.56	8.3	2.2	630
M356529		3.60	16.40	0.19	1.4	0.148	2.91	27.3	20.8	0.83	841	0.84	1.36	7.9	1.9	630
M356530		3.66	16.30	0.20	1.3	0.158	2.93	25.1	19.1	0.83	875	1.02	1.35	8.0	1.9	630
M356531		4.42	13.55	0.16	0.7	0.354	2.52	24.8	16.5	0.89	1200	3.96	0.82	5.2	2.7	560
M356532		5.41	16.55	0.17	0.9	0.146	2.32	26.1	23.7	0.82	1120	13.20	0.95	7.9	2.5	630
M356533		5.35	15.35	0.14	0.8	0.225	3.04	25.7	14.6	1.43	1960	11.50	0.06	6.8	1.9	610
M356534		4.98	16.30	0.18	0.8	0.351	2.82	25.1	21.3	0.84	1380	8.16	0.90	6.9	2.9	610
M356535		4.86	14.95	0.15	0.8	0.719	2.94	26.9	16.7	0.95	3010	6.01	0.12	6.9	2.5	550
M356536		3.77	17.25	0.19	1.2	0.146	2.80	25.9	22.2	0.88	1180	0.95	1.31	8.4	2.5	640
M356537		3.28	16.95	0.19	1.3	0.066	2.68	26.7	20.3	0.86	708	1.89	1.90	8.7	2.0	630
M356538		5.91	11.70	0.10	1.6	0.452	1.12	9.5	13.0	1.12	1770	22.8	1.61	3.6	30.0	470
M356539		5.11	16.10	0.17	1.1	0.152	2.47	23.7	18.9	0.94	1230	2.47	1.84	8.1	2.1	630
M356540		4.10	15.45	0.17	1.0	0.158	2.13	25.5	18.7	0.76	903	1.61	1.93	6.8	1.8	600
M356541		4.60	13.05	0.14	0.8	0.400	2.43	29.3	14.3	1.15	3270	1.34	0.55	5.8	1.3	520
M356542		3.46	13.80	0.17	0.8	0.110	2.00	26.4	13.3	0.59	580	1.52	2.17	6.8	1.7	560
M356543		0.45	0.33	0.23	<0.1	<0.005	0.03	0.6	0.9	12.50	192	<0.05	0.01	0.3	<0.2	180
M356544		5.23	13.80	0.08	0.9	0.251	2.41	18.9	13.0	1.06	1680	2.04	1.22	5.7	2.9	520
M356545		4.10	13.35	0.13	0.9	0.193	2.16	25.5	11.5	0.65	1160	1.16	2.45	6.2	1.7	560
M356546		4.18	15.00	0.14	0.9	0.219	1.81	25.1	14.4	0.81	1000	10.25	2.32	6.2	2.0	550
M356547		4.56	16.50	0.14	0.9	0.232	2.22	28.5	18.9	0.87	1460	8.96	1.81	7.3	2.2	620
M356548		4.56	17.90	0.15	0.9	0.340	2.54	26.5	25.9	0.89	1360	14.95	0.23	7.7	3.2	690
M356549		0.49	0.36	0.25	<0.1	0.005	0.02	0.7	0.8	12.90	212	<0.05	0.01	0.3	<0.2	210
M356550		4.27	16.90	0.08	1.6	0.505	3.07	22.6	24.6	1.30	2520	1.81	0.05	8.9	6.0	820
M356551		3.96	17.35	0.12	1.4	0.612	3.44	21.7	20.4	0.97	2820	1.68	0.04	9.2	3.5	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219212

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356516		24.1	109.5	<0.002	0.20	4.23	12.0	2	2.1	354	0.62	0.09	11.0	0.272	1.48	3.3
M356517		18.3	103.0	<0.002	0.27	9.70	11.4	2	2.0	208	0.58	0.10	11.3	0.261	1.58	2.9
M356518		20.7	90.8	<0.002	0.20	2.57	11.5	2	2.3	360	0.65	0.06	11.9	0.266	1.35	3.4
M356519		20.2	92.5	<0.002	0.07	1.81	11.3	2	1.8	375	0.77	<0.05	13.4	0.267	1.25	4.3
M356520		21.8	88.6	<0.002	0.34	2.23	9.8	1	1.9	282	0.64	0.22	12.1	0.225	1.39	3.8
M356521		22.4	101.5	<0.002	0.34	2.27	10.3	2	2.0	281	0.64	0.16	13.8	0.226	1.42	4.3
M356522		22.3	92.3	<0.002	0.18	2.69	12.2	2	2.2	349	0.71	0.11	13.2	0.279	1.28	3.8
M356523		17.2	111.0	<0.002	0.16	4.90	12.4	2	2.2	289	0.71	0.06	12.5	0.281	1.97	3.3
M356524		21.4	188.0	<0.002	2.07	17.95	12.9	2	3.4	166.5	0.47	0.49	11.5	0.201	3.09	4.4
M356525		9790	26.5	0.010	2.15	430	11.9	3	1.9	177.5	0.21	1.05	1.9	0.230	0.50	1.3
M356526		19.1	138.5	<0.002	0.72	11.40	11.9	2	2.2	154.5	0.61	0.12	11.8	0.228	2.42	3.5
M356527		152.0	193.0	<0.002	1.93	8.76	10.5	2	3.6	127.0	0.63	0.22	12.9	0.218	2.81	5.4
M356528		22.1	128.0	<0.002	0.38	3.66	11.9	2	2.1	366	0.70	0.06	13.7	0.267	1.88	4.5
M356529		24.2	123.0	<0.002	0.44	6.15	12.0	2	2.1	288	0.69	0.09	13.5	0.259	1.87	4.7
M356530		22.7	124.5	<0.002	0.54	5.04	11.7	2	2.1	289	0.66	0.10	12.8	0.259	1.91	4.2
M356531		27.0	127.5	<0.002	1.67	5.07	10.0	2	2.3	173.0	0.38	0.77	9.3	0.179	2.09	3.3
M356532		38.8	119.5	0.003	1.18	6.02	12.3	2	3.4	154.0	0.59	0.31	11.1	0.271	2.07	4.0
M356533		145.0	155.5	0.002	1.42	10.80	11.5	2	4.2	136.5	0.50	0.28	10.5	0.238	2.97	5.2
M356534		75.1	157.5	<0.002	1.48	8.16	12.5	2	3.0	214	0.52	0.31	10.8	0.236	2.58	3.5
M356535		536	191.0	<0.002	2.17	13.10	10.8	2	2.8	105.0	0.54	0.14	11.7	0.232	2.81	3.6
M356536		28.5	133.5	<0.002	0.72	5.37	12.8	2	2.1	268	0.70	0.10	14.2	0.275	2.04	4.6
M356537		21.5	97.8	<0.002	0.15	2.81	12.0	2	1.9	384	0.72	0.05	13.1	0.278	1.40	4.0
M356538		>10000	27.8	0.011	2.26	451	12.5	4	2.0	190.0	0.24	1.06	2.1	0.241	0.55	1.4
M356539		46.6	122.5	<0.002	1.02	5.18	11.8	2	3.0	276	0.68	0.23	12.2	0.261	2.00	3.8
M356540		32.2	125.5	<0.002	1.46	5.03	11.6	2	2.7	176.5	0.57	0.23	11.9	0.227	1.81	4.3
M356541		155.5	162.0	<0.002	2.24	14.50	10.0	2	2.6	160.0	0.46	0.42	10.1	0.191	2.31	4.1
M356542		29.5	96.3	<0.002	1.37	3.53	10.5	2	2.7	155.0	0.51	0.44	10.7	0.227	1.47	3.3
M356543		1.7	1.1	<0.002	0.01	<0.05	0.3	1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M356544		39.1	128.5	<0.002	2.74	5.23	10.0	2	2.8	166.5	0.45	0.63	8.2	0.193	2.09	5.4
M356545		34.6	124.0	<0.002	1.89	3.94	10.0	2	2.4	151.5	0.49	0.45	11.5	0.201	1.74	3.4
M356546		37.8	90.5	0.003	1.51	3.71	10.7	2	2.7	200	0.51	0.31	11.9	0.204	1.39	4.3
M356547		283	127.5	0.003	1.51	5.01	11.6	2	3.7	210	0.57	0.44	13.4	0.239	1.85	4.4
M356548		46.8	155.5	0.002	1.63	15.45	12.5	2	3.1	112.5	0.61	0.38	11.7	0.266	2.43	3.8
M356549		2.3	1.3	<0.002	0.01	0.07	0.3	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356550		542	213	<0.002	0.85	6.43	10.2	2	2.1	141.5	0.66	0.09	9.3	0.230	3.24	4.0
M356551		350	249	<0.002	1.17	25.6	6.8	1	2.6	84.3	0.71	0.09	10.0	0.193	3.49	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219212

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356516		76	2.1	16.3	80	28.2		
M356517		74	3.0	15.3	73	25.1		
M356518		74	2.3	16.0	67	29.5		
M356519		72	4.5	17.5	67	29.2		
M356520		66	2.3	14.4	78	25.2		
M356521		65	2.4	15.5	79	25.9		
M356522		77	3.0	15.9	84	25.0		
M356523		79	2.7	14.8	64	25.8		
M356524		62	4.8	16.8	91	22.3		
M356525		76	0.6	13.2	4970	50.8		
M356526		69	4.0	15.1	93	23.5		
M356527		67	4.4	14.0	617	27.1		
M356528		76	1.8	16.5	72	44.2		
M356529		73	2.1	15.7	111	40.1		
M356530		72	2.2	15.3	92	39.7		
M356531		60	3.5	14.3	78	19.5		
M356532		86	4.4	15.8	175	21.6		
M356533		76	5.0	15.0	375	20.2		
M356534		80	3.9	14.5	189	21.0		
M356535		67	4.2	13.7	1550	21.9		
M356536		80	3.2	16.5	88	30.0		
M356537		77	1.5	17.4	54	31.4		
M356538		79	0.7	14.2	5220	56.2	101	1.010
M356539		78	3.9	16.8	121	28.6		
M356540		80	3.6	17.2	92	24.2		
M356541		66	4.0	19.1	1940	21.7		
M356542		68	3.2	16.1	80	22.5		
M356543		2	0.1	0.8	15	<0.5		
M356544		51	3.1	15.2	109	25.9		
M356545		49	3.1	14.8	132	23.8		
M356546		73	2.8	16.3	137	24.9		
M356547		77	3.5	16.1	1020	25.3		
M356548		93	4.4	16.5	120	26.9		
M356549		2	0.1	0.9	21	<0.5		
M356550		75	2.3	13.2	1430	57.1		
M356551		55	2.8	11.2	508	50.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219212

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219213

Project: Klaza-129

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

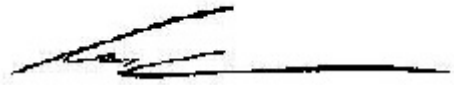
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219213

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356552		3.35	0.151	3.23	6.92	654	1860	1.48	0.81	3.23	27.5	42.1	11.0	13	7.14	34.9
M356553		7.85	0.141	1.16	6.97	530	1640	1.46	0.78	2.69	2.54	36.8	8.2	15	6.21	12.5
M356554		6.94	0.413	6.06	6.92	1380	1470	1.53	0.78	2.86	9.67	43.6	7.8	13	6.30	11.2
M356555		0.26	2.24	24.4	5.55	3270	1710	1.31	18.65	2.07	74.1	47.8	11.1	17	16.05	426
M356556		7.32	0.019	0.55	7.07	45.7	1560	1.69	0.78	3.28	0.75	35.5	6.7	14	7.46	2.4
M356557		3.18	0.027	1.54	7.10	70.7	1810	1.83	1.56	2.97	1.72	41.4	8.2	30	9.44	43.6
M356558		2.13	1.680	8.42	6.12	1030	1050	1.10	5.31	2.57	82.5	46.6	23.5	6	9.71	166.0
M356559		2.92	<0.005	0.02	0.05	8	20	<0.05	0.02	19.50	0.14	1.18	1.4	<1	0.11	2.5
M356560		3.73	0.011	0.46	7.39	21.4	1980	1.42	0.47	2.07	0.43	46.7	6.5	11	12.55	15.6
M356561		5.51	0.015	1.09	7.00	45.8	2720	1.41	1.40	2.76	0.96	44.1	7.6	11	12.40	70.3
M356562		3.09	0.049	4.86	7.64	227	2630	1.51	4.27	2.94	12.65	58.5	13.9	12	13.45	479
M356563		6.69	0.025	3.66	6.77	103.5	2280	1.35	4.24	2.28	3.57	51.0	9.9	11	11.15	223
M356564		0.26	4.57	>100	5.29	7730	1330	1.20	60.2	1.86	219	37.5	9.7	18	12.80	1260
M356565		7.74	0.041	2.18	7.13	117.5	2560	1.18	1.31	2.41	1.77	52.6	6.0	11	12.15	181.0
M356566		3.79	0.045	2.90	7.38	151.5	1900	1.43	2.34	2.39	2.24	52.8	11.9	11	12.20	359
M356567		2.45	1.850	13.40	5.73	561	650	1.12	9.75	3.55	145.5	47.0	6.0	7	9.04	145.5
M356568		3.40	<0.005	0.03	0.08	<5	20	0.05	0.03	20.2	0.19	1.32	1.3	<1	0.69	2.1
M356569		6.45	0.011	0.27	7.80	30.9	1410	1.78	0.21	2.49	0.44	65.1	6.0	19	21.1	8.8
M356570		5.18	<0.005	0.32	7.54	16.3	1490	1.92	0.15	2.06	0.40	70.4	6.5	27	27.1	11.3
M356571		4.41	<0.005	0.20	7.64	28.4	1700	1.89	0.16	2.22	0.24	75.1	7.2	30	20.2	10.7
M356572		2.58	0.373	1.90	7.16	141.0	1250	1.78	1.09	2.31	5.43	59.2	8.8	17	22.1	22.9
M356573		3.45	0.088	2.34	7.26	69.8	2080	1.54	1.04	2.25	13.25	48.2	10.4	13	11.70	30.0
M356574		<0.02	0.111	2.52	7.11	70.8	2020	1.48	1.02	2.20	13.95	46.4	9.6	11	11.05	30.9
M356575		4.00	0.006	0.22	7.37	12.0	2190	1.43	0.40	2.72	0.30	43.6	6.5	13	6.54	7.2
M356576		2.79	1.820	7.33	7.42	2570	1410	1.46	2.92	2.53	6.49	49.8	15.1	12	8.14	28.6
M356577		7.40	0.032	0.78	7.26	43.9	2260	1.49	0.79	2.78	1.43	44.9	8.2	16	6.56	18.6
M356578		3.96	0.010	0.21	6.98	18.0	2220	1.30	0.48	2.61	0.23	42.1	7.9	13	5.55	4.9
M356579		1.62	0.007	0.19	7.50	13.1	2330	1.43	0.53	2.64	0.18	46.2	9.6	14	5.74	4.6
M356580		3.69	0.008	0.13	7.21	12.0	2260	1.67	0.27	2.68	0.29	46.0	9.4	12	5.87	7.3
M356581		7.43	<0.005	0.15	7.00	10.8	2220	1.48	0.31	2.57	0.19	45.5	8.1	15	5.27	6.1
M356582		7.11	0.009	0.24	7.19	9.8	2150	1.58	0.51	2.64	0.54	46.1	7.7	13	7.04	16.2
M356583		2.03	0.018	0.68	6.95	73.7	1850	1.40	0.45	2.36	2.34	37.0	6.8	11	10.40	11.6
M356584		3.29	2.76	38.5	6.51	3110	610	1.28	9.81	1.65	303	33.7	27.5	9	10.20	1160
M356585		3.14	0.007	0.58	7.07	12.3	2140	1.43	0.41	2.59	0.59	45.0	8.0	13	5.88	56.4
M356586		7.76	0.013	0.75	7.35	16.8	2320	1.45	0.57	2.66	0.93	43.9	8.1	13	6.56	59.3
M356587		2.55	0.037	1.69	7.11	31.5	1860	1.39	0.71	2.87	9.49	47.6	10.2	12	10.10	23.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219213

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356552		3.45	19.00	0.22	1.3	0.639	3.35	22.4	8.3	1.01	3090	1.70	0.04	10.7	4.5	560
M356553		3.36	18.95	0.23	1.0	0.705	3.36	18.8	30.1	0.85	2620	1.52	0.04	10.6	4.3	570
M356554		3.57	18.15	0.24	1.2	0.522	3.42	23.9	21.5	0.88	2780	1.38	0.04	10.1	4.1	580
M356555		6.34	15.60	0.23	0.8	1.785	2.52	26.9	23.5	0.84	1860	13.50	0.03	6.3	15.7	420
M356556		2.88	18.20	0.24	1.4	0.382	3.44	17.6	47.1	0.83	1650	1.64	0.04	10.6	4.4	600
M356557		4.16	17.60	0.23	1.5	0.589	3.23	21.3	44.8	1.14	2370	2.31	0.05	10.4	7.6	810
M356558		7.11	16.05	0.27	0.9	1.590	2.71	25.0	8.8	0.84	7190	3.02	0.04	6.8	3.5	480
M356559		0.48	0.30	0.35	<0.1	<0.005	0.02	0.6	0.8	11.65	199	0.11	<0.01	0.3	2.7	170
M356560		3.88	18.35	0.24	1.1	0.131	2.42	23.2	52.3	0.95	842	1.40	0.46	9.1	3.6	650
M356561		3.48	18.00	0.24	1.1	0.189	2.71	21.6	27.0	0.79	880	0.94	1.19	8.3	3.1	590
M356562		5.24	17.80	0.28	1.0	0.702	3.15	32.6	16.5	1.21	1420	11.05	0.31	6.8	4.1	590
M356563		4.27	16.60	0.25	0.9	0.480	2.98	28.3	44.5	0.98	1410	1.29	0.05	6.0	5.8	530
M356564		7.84	14.50	0.26	1.0	4.97	2.22	19.7	33.1	0.60	3110	16.55	0.08	6.2	14.4	430
M356565		4.16	17.15	0.22	0.8	0.385	3.32	29.3	26.3	1.01	1910	0.99	0.04	6.4	2.8	560
M356566		3.91	17.85	0.25	0.8	0.454	3.20	28.9	42.9	0.93	1340	0.87	0.12	6.5	4.0	580
M356567		6.99	15.15	0.25	0.8	11.90	2.69	26.2	10.6	1.17	8160	4.41	0.03	5.7	3.2	470
M356568		0.47	0.39	0.33	<0.1	0.017	0.04	0.7	1.1	11.90	222	0.10	<0.01	0.4	2.5	170
M356569		2.54	21.6	0.27	3.0	0.048	2.87	33.3	34.4	1.01	1150	1.43	0.09	11.5	10.8	930
M356570		2.25	21.5	0.28	3.4	0.052	2.84	37.3	23.4	0.90	559	0.41	0.08	11.9	15.1	940
M356571		2.50	22.0	0.30	3.8	0.031	2.88	40.9	35.4	0.95	677	0.93	0.09	12.2	17.7	980
M356572		3.50	18.70	0.25	2.0	0.155	2.86	33.3	25.5	0.99	5360	5.62	0.05	8.9	9.7	700
M356573		3.69	18.15	0.24	0.9	0.230	3.03	24.7	37.9	0.86	1040	3.50	0.94	8.5	3.1	590
M356574		3.61	17.65	0.25	0.9	0.228	2.95	23.8	34.1	0.84	1020	3.07	0.93	8.2	2.9	580
M356575		3.42	18.00	0.22	0.9	0.082	2.52	21.6	17.1	0.89	695	2.07	2.05	8.8	2.9	640
M356576		4.72	19.45	0.25	0.9	0.208	2.93	25.6	24.7	0.84	808	0.90	1.58	8.8	3.2	610
M356577		3.48	18.70	0.24	0.9	0.103	2.68	21.7	22.0	0.93	803	0.79	1.97	9.1	3.2	660
M356578		3.22	17.55	0.24	0.8	0.091	2.35	20.4	12.3	0.89	810	0.84	2.15	8.4	3.1	630
M356579		3.42	18.25	0.26	0.9	0.083	2.42	22.9	12.8	0.96	806	0.80	2.28	8.7	3.4	650
M356580		3.21	18.30	0.25	1.1	0.074	2.38	21.9	11.9	0.93	705	1.09	2.24	9.7	3.0	640
M356581		3.01	18.30	0.24	1.1	0.107	2.56	22.0	12.2	0.88	746	1.06	2.17	9.2	3.0	590
M356582		3.09	17.45	0.25	1.0	0.061	2.54	23.2	14.3	0.87	664	1.19	1.89	8.6	3.0	600
M356583		2.84	16.65	0.22	1.0	0.079	2.84	18.3	28.7	0.67	774	0.90	1.38	8.1	2.6	560
M356584		9.56	16.75	0.29	0.9	4.82	3.05	17.1	8.1	0.68	2680	1.04	0.07	6.9	2.6	480
M356585		3.03	17.00	0.24	1.0	0.086	2.54	22.3	13.8	0.79	618	0.96	2.01	8.3	3.0	570
M356586		3.33	18.50	0.26	1.0	0.104	2.63	21.5	13.8	0.89	763	1.72	2.08	9.0	3.2	630
M356587		3.73	18.45	0.24	1.0	0.261	2.58	24.2	22.0	0.85	928	1.27	1.21	9.1	3.2	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219213

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356552		543	238	<0.002	1.42	6.12	7.3	1	1.9	89.7	0.79	0.08	10.0	0.196	3.51	3.5
M356553		119.5	234	<0.002	1.08	4.58	7.3	1	2.1	97.1	0.76	0.09	9.2	0.200	3.52	4.1
M356554		3070	259	<0.002	1.46	9.96	7.9	1	2.2	86.6	0.72	0.10	10.1	0.203	3.22	4.4
M356555		2650	169.0	0.002	4.53	88.2	8.9	2	8.0	97.4	0.48	0.39	11.0	0.176	2.24	5.4
M356556		52.5	198.0	<0.002	0.46	3.86	7.4	1	1.4	133.0	0.75	0.06	8.6	0.208	3.23	4.2
M356557		64.5	200	<0.002	0.65	9.83	11.3	1	1.9	138.0	0.72	0.09	9.2	0.238	3.14	4.2
M356558		441	167.5	<0.002	5.37	10.60	10.0	2	5.6	91.9	0.59	0.32	12.0	0.203	2.30	4.4
M356559		1.7	1.3	<0.002	0.06	0.05	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356560		32.0	95.8	<0.002	0.15	5.54	14.2	1	1.9	190.5	0.70	<0.05	11.8	0.280	1.52	4.6
M356561		47.1	96.1	<0.002	0.39	9.11	12.5	1	1.9	288	0.67	0.10	11.1	0.247	1.42	4.1
M356562		230	154.0	0.002	1.45	27.3	14.4	2	2.7	199.5	0.54	0.40	14.7	0.213	2.06	5.6
M356563		216	159.5	<0.002	0.85	15.20	12.4	1	2.3	190.5	0.48	0.25	12.9	0.188	2.04	4.5
M356564		9240	145.0	0.002	6.92	213	8.5	2	8.9	132.0	0.45	0.48	9.0	0.181	2.11	5.5
M356565		98.7	173.0	<0.002	0.75	13.65	12.8	1	2.7	206	0.47	0.16	12.0	0.218	2.22	3.6
M356566		86.6	176.5	<0.002	0.82	27.3	13.4	1	2.1	231	0.51	0.29	12.9	0.214	2.28	4.0
M356567		2210	186.0	<0.002	5.66	16.35	9.2	2	7.8	107.0	0.44	0.43	10.1	0.182	2.31	3.3
M356568		3.7	3.7	<0.002	<0.01	0.14	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M356569		18.1	97.1	<0.002	0.16	11.95	6.5	1	1.7	231	0.77	<0.05	10.1	0.298	1.76	7.0
M356570		20.6	112.0	<0.002	0.05	12.30	6.9	1	1.7	250	0.80	<0.05	12.0	0.268	1.86	5.0
M356571		19.7	120.0	<0.002	0.11	14.35	7.4	1	1.7	234	0.80	<0.05	12.8	0.283	1.80	5.0
M356572		224	160.5	<0.002	1.10	11.25	10.1	1	3.0	180.0	0.63	0.06	12.0	0.251	2.19	6.7
M356573		600	136.5	<0.002	0.81	8.05	12.8	1	3.8	332	0.66	0.11	12.1	0.259	1.82	4.6
M356574		660	135.0	<0.002	0.81	7.63	12.4	1	3.8	326	0.64	0.10	12.2	0.252	1.76	4.6
M356575		25.8	92.8	<0.002	0.15	2.84	13.3	1	1.8	390	0.64	<0.05	11.3	0.282	1.11	3.7
M356576		1925	147.0	<0.002	2.10	10.60	13.6	1	7.6	313	0.66	0.21	12.1	0.262	1.68	4.1
M356577		77.7	99.9	<0.002	0.28	4.46	14.0	1	2.3	368	0.67	0.06	10.8	0.286	1.33	3.7
M356578		26.1	84.1	<0.002	0.30	1.94	12.7	1	1.7	381	0.61	0.07	10.1	0.269	1.00	3.6
M356579		20.8	93.9	<0.002	0.29	1.88	14.0	1	1.8	400	0.63	0.08	11.5	0.279	1.03	4.1
M356580		23.1	88.3	<0.002	0.12	1.67	13.5	1	1.9	413	0.90	<0.05	11.4	0.275	0.96	4.5
M356581		30.7	99.8	<0.002	0.10	1.61	13.3	1	1.8	370	0.69	<0.05	11.8	0.262	1.07	4.3
M356582		40.0	103.0	<0.002	0.13	1.66	13.4	1	2.0	375	0.64	<0.05	12.3	0.263	1.07	3.9
M356583		212	110.5	<0.002	0.35	2.43	12.1	1	2.1	300	0.63	0.05	10.5	0.247	1.37	4.1
M356584		4040	199.5	<0.002	9.04	22.5	10.7	4	15.6	71.2	0.53	1.55	9.7	0.216	2.47	4.1
M356585		26.4	95.8	<0.002	0.18	1.28	12.5	1	1.9	374	0.64	<0.05	12.3	0.255	1.07	4.0
M356586		41.6	99.6	<0.002	0.17	1.57	13.7	1	2.2	379	0.66	0.07	11.4	0.275	1.16	3.9
M356587		456	103.0	<0.002	0.85	3.25	13.7	1	2.9	285	0.72	0.25	11.9	0.270	1.33	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219213

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356552		49	2.8	11.5	1800	39.7		
M356553		51	3.1	10.5	194	32.6		
M356554		52	3.0	11.3	676	36.9		
M356555		53	5.3	9.8	5100	22.9		
M356556		54	1.9	10.3	97	43.9		
M356557		72	2.8	12.2	200	50.7		
M356558		58	4.5	10.4	6070	21.2		
M356559		2	0.1	0.7	19	<0.5		
M356560		84	2.5	14.3	82	28.2		
M356561		71	2.5	14.8	136	27.7		
M356562		72	3.6	15.3	1510	25.3		
M356563		66	3.5	12.8	421	21.9		
M356564		51	4.7	9.4	>10000	29.7	119	1.615
M356565		73	4.7	12.4	239	20.7		
M356566		75	3.5	13.1	294	22.0		
M356567		57	6.5	8.8	>10000	22.4		1.125
M356568		2	0.1	0.8	25	0.6		
M356569		49	1.8	12.0	78	114.5		
M356570		50	2.9	11.6	83	131.5		
M356571		56	2.7	12.6	71	150.5		
M356572		62	3.9	13.0	511	72.9		
M356573		72	2.2	13.6	749	22.8		
M356574		70	2.2	13.1	798	21.4		
M356575		79	1.5	15.1	62	21.7		
M356576		73	2.5	15.0	389	23.1		
M356577		85	2.3	16.2	128	21.9		
M356578		76	1.8	15.5	64	19.8		
M356579		79	1.7	16.9	59	20.5		
M356580		77	1.5	17.3	58	24.0		
M356581		75	1.7	16.4	58	24.8		
M356582		74	1.9	15.9	72	25.6		
M356583		69	2.0	13.2	220	22.7		
M356584		60	6.9	10.2	>10000	21.7		2.44
M356585		71	1.7	15.0	86	23.9		
M356586		77	1.6	15.7	125	28.3		
M356587		78	1.6	16.2	1000	22.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219213

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219214

Project: Klaza-129

P.O. No.: Batch 7

This report is for 17 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

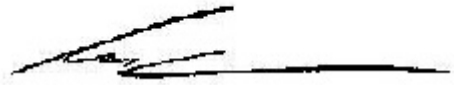
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219214

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356588		5.09	0.020	0.71	7.28	25.0	2120	1.42	0.70	2.81	0.72	40.7	8.9	11	6.80	14.4
M356589		7.65	<0.005	0.10	7.54	7.4	2060	1.37	0.26	2.88	0.14	43.7	7.7	11	5.99	5.0
M356590		5.03	<0.005	0.13	7.41	11.3	2190	1.54	0.26	2.81	0.14	44.0	6.1	10	7.10	9.3
M356591		2.58	0.216	1.23	7.56	1045	1330	1.38	1.06	1.95	2.43	51.5	7.3	7	18.40	60.9
M356592		2.89	<0.005	<0.01	0.06	<5	20	0.05	0.02	20.3	0.06	1.09	1.1	<1	0.19	2.6
M356593		6.41	<0.005	0.15	7.37	9.8	2100	1.39	0.35	2.68	0.13	47.4	7.1	11	7.96	9.6
M356594		6.69	<0.005	0.16	7.35	8.9	2010	1.46	0.39	2.86	0.18	44.5	8.1	10	6.85	10.0
M356595		3.38	<0.005	0.17	7.70	9.1	1800	1.33	0.35	1.84	0.37	49.3	7.0	9	8.10	7.8
M356596		2.30	0.018	0.37	7.29	28.0	1790	1.57	0.55	2.73	1.82	45.4	8.3	8	12.35	16.0
M356597		3.59	<0.005	0.27	7.40	14.4	1500	1.39	0.41	2.84	0.32	49.0	7.1	7	19.05	7.8
M356598		1.91	0.015	0.50	7.49	29.3	1470	1.54	1.08	2.44	0.34	48.4	7.9	8	15.90	22.6
M356599		0.26	2.31	24.7	5.98	3320	1620	1.16	20.5	2.21	79.3	43.6	10.5	18	13.95	439
M356600		3.07	<0.005	0.12	7.40	6.9	1980	1.31	0.43	2.87	0.11	44.9	7.3	9	8.74	6.8
M356601		6.33	0.011	0.30	7.50	15.4	2200	1.34	0.54	3.13	0.42	43.7	8.7	11	6.75	24.6
M356602		2.77	0.100	1.19	7.17	4700	1730	1.31	1.97	2.56	0.42	47.6	13.7	10	10.15	108.5
M356603		5.10	<0.005	0.12	7.27	13.7	2050	1.34	0.40	2.74	0.14	45.8	7.6	9	6.08	8.5
N812735		<0.02	<0.005	0.18	7.68	10.8	2180	1.42	0.55	2.92	0.13	43.9	8.4	10	6.28	10.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219214

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356588		3.27	16.15	0.13	0.9	0.085	2.52	21.1	13.2	0.95	734	2.14	2.05	8.0	3.4	610
M356589		3.15	16.35	0.16	1.0	0.075	2.39	23.2	13.0	1.03	695	1.99	2.25	8.3	2.9	630
M356590		3.14	16.15	0.15	1.1	0.058	2.57	23.5	12.9	0.92	663	0.95	2.12	8.4	2.8	600
M356591		5.08	16.25	0.18	0.9	0.224	3.04	30.2	29.3	1.12	1520	1.58	0.45	7.3	2.3	590
M356592		0.49	0.25	0.09	<0.1	0.005	0.03	0.6	1.0	13.45	219	0.12	0.01	0.2	2.5	230
M356593		3.04	15.65	0.15	1.1	0.067	2.63	25.3	17.5	0.91	649	1.12	2.08	8.0	2.5	600
M356594		3.15	16.30	0.16	1.2	0.088	2.60	23.2	18.3	0.95	704	1.16	2.11	8.2	2.7	600
M356595		3.07	16.10	0.17	1.1	0.080	2.73	27.8	24.9	0.66	691	0.76	0.70	8.0	2.5	600
M356596		4.07	15.90	0.19	1.0	0.189	2.86	25.0	19.1	1.00	1680	0.95	1.17	7.9	2.6	580
M356597		3.37	15.90	0.16	0.9	0.102	2.77	27.4	66.0	1.08	1070	0.81	0.10	7.6	2.5	620
M356598		5.27	16.95	0.17	0.9	0.249	2.96	27.4	37.7	1.08	1740	2.75	0.33	7.7	2.6	600
M356599		6.71	14.25	0.18	0.9	1.755	2.65	25.7	23.3	0.97	1920	14.55	0.04	6.3	15.1	440
M356600		3.31	15.70	0.17	0.8	0.104	2.41	24.6	21.9	0.90	721	1.02	1.87	7.5	3.3	610
M356601		3.50	16.40	0.17	0.9	0.103	2.49	23.2	19.6	1.01	715	1.10	1.98	8.0	2.8	640
M356602		4.36	15.35	0.18	0.8	0.205	2.58	26.4	52.9	0.95	838	1.35	1.00	7.5	2.5	620
M356603		3.06	15.35	0.16	0.8	0.074	2.35	24.5	18.2	0.94	631	0.73	2.09	7.7	2.6	620
N812735		3.26	16.65	0.17	0.8	0.074	2.50	22.6	18.6	0.98	669	0.83	2.21	8.1	3.0	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219214

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356588		60.9	84.7	<0.002	0.36	1.93	11.2	1	2.2	389	0.73	0.21	12.6	0.278	1.28	4.2
M356589		21.5	89.0	0.002	0.06	1.24	12.1	1	2.5	401	0.73	0.06	12.0	0.292	1.17	4.1
M356590		21.2	88.6	<0.002	0.12	1.53	10.8	1	1.8	399	0.78	<0.05	12.9	0.275	1.15	4.4
M356591		64.9	174.5	<0.002	1.06	6.31	11.4	1	3.3	171.5	0.61	0.32	15.7	0.251	2.29	4.8
M356592		0.8	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356593		20.3	94.3	<0.002	0.14	1.61	10.9	1	1.9	377	0.80	0.06	14.0	0.266	1.23	4.9
M356594		24.5	88.9	<0.002	0.22	1.63	10.8	1	2.1	366	0.84	0.06	14.2	0.275	1.17	4.8
M356595		29.0	102.5	<0.002	0.16	5.62	11.8	1	2.2	197.5	0.70	<0.05	16.4	0.274	1.30	3.3
M356596		106.0	131.0	<0.002	0.35	4.69	11.0	1	3.1	285	0.65	0.09	13.8	0.258	1.60	4.4
M356597		24.1	105.5	<0.002	0.27	5.04	11.8	1	2.3	201	0.62	<0.05	14.0	0.273	1.69	3.1
M356598		41.6	157.0	<0.002	0.69	6.66	11.7	1	4.7	184.5	0.62	0.15	15.2	0.268	2.13	4.1
M356599		2910	163.0	0.002	4.74	88.3	8.0	2	7.8	95.1	0.54	0.47	12.9	0.182	2.45	5.6
M356600		20.5	94.3	<0.002	0.31	1.62	11.2	1	2.1	390	0.59	<0.05	12.4	0.273	1.15	3.4
M356601		29.3	86.1	<0.002	0.26	1.46	11.7	1	2.3	407	0.58	0.10	10.7	0.290	1.13	3.1
M356602		99.7	108.5	<0.002	1.21	31.0	11.1	1	3.5	271	0.63	0.28	12.5	0.261	1.53	3.6
M356603		19.1	80.3	<0.002	0.12	1.46	11.3	1	2.0	401	0.60	<0.05	12.8	0.274	1.11	3.4
N812735		20.6	81.2	<0.002	0.15	1.56	11.9	1	2.1	427	0.65	0.05	12.4	0.292	1.15	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219214

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M356588		80	1.9	16.7	112	22.6
M356589		83	1.8	18.7	55	26.6
M356590		77	1.2	16.9	54	28.6
M356591		75	4.4	13.9	265	24.3
M356592		2	0.1	0.8	13	<0.5
M356593		74	1.7	17.0	52	26.6
M356594		79	1.8	16.7	61	29.9
M356595		79	5.5	17.0	72	27.4
M356596		72	3.7	16.8	202	24.8
M356597		77	3.3	16.5	79	24.6
M356598		78	5.5	15.2	96	22.2
M356599		57	5.4	11.7	5390	26.9
M356600		75	1.2	16.7	51	20.8
M356601		83	1.7	16.9	76	21.7
M356602		75	7.0	16.0	77	19.8
M356603		78	1.2	16.9	49	20.1
N812735		82	1.3	17.4	52	21.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-129

CERTIFICATE OF ANALYSIS WH12219214

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219215

Project: Klaza-130

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

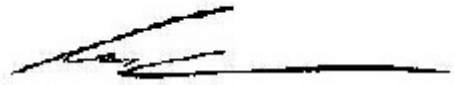
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219215

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359893		9.44	<0.005	0.05	7.33	10.3	1530	2.19	0.09	2.91	1.47	61.7	4.4	12	20.0	5.4
M359894		2.84	<0.005	0.24	7.33	9.6	2200	1.86	0.27	2.92	1.84	61.9	4.9	14	19.60	7.9
M359895		2.71	0.298	2.98	7.18	201	620	1.97	0.34	2.35	23.0	52.2	7.2	8	20.6	42.4
M359896		2.83	0.664	5.62	6.56	301	500	1.52	2.12	1.84	28.7	45.4	8.8	7	15.70	84.7
M359897		1.73	<0.005	0.10	0.06	5	30	0.05	0.03	20.9	0.09	1.06	0.5	<1	0.16	2.7
M359898		3.22	0.150	1.41	7.24	67.5	1380	1.51	0.40	2.49	2.10	48.6	7.9	8	16.70	47.1
M359899		3.61	0.011	0.16	6.70	8.3	2690	1.53	0.25	2.81	0.61	38.0	6.9	9	10.70	28.2
M359900		5.30	0.017	0.13	7.55	9.7	2650	1.36	0.36	2.61	0.11	49.5	7.6	13	8.12	30.6
M359901		7.47	0.031	0.10	7.40	10.4	2150	1.49	0.17	2.56	0.11	48.7	7.2	11	12.15	39.0
M359902		<0.02	0.028	0.07	7.50	9.0	2140	1.42	0.16	2.52	0.10	47.6	6.8	12	11.30	38.8
M359903		6.83	0.032	0.53	7.57	21.4	2460	1.66	1.02	2.80	0.17	47.3	6.7	11	15.20	35.6
M359904		2.76	2.55	5.13	7.42	6690	510	1.45	2.20	1.72	14.60	51.6	7.3	13	14.90	63.3
M359905		7.79	0.154	7.99	7.47	107.5	2340	1.36	0.34	2.54	21.3	46.5	6.2	13	7.92	75.2
M359906		0.26	0.270	>100	5.60	214	620	0.64	5.52	1.48	24.6	18.10	11.7	66	0.87	6480
M359907		7.83	0.081	0.45	7.81	36.1	2330	1.56	0.45	2.56	0.31	49.3	7.2	13	7.02	58.3
M359908		5.58	0.169	0.64	7.64	35.5	2330	1.56	0.79	2.37	0.32	54.4	7.3	13	6.03	69.6
M359909		3.13	0.064	0.21	7.55	15.9	840	1.46	0.45	2.37	0.96	53.4	8.2	11	8.59	32.2
M359910		1.44	0.035	0.56	7.31	18.0	720	1.36	0.89	2.48	0.88	50.6	8.0	10	8.27	45.6
M359911		6.36	0.073	0.33	7.50	35.9	2000	1.47	0.39	2.46	0.98	47.3	7.4	13	8.67	58.7
M359912		5.27	0.310	0.89	7.16	124.0	770	1.34	0.95	2.28	2.55	45.9	7.0	12	8.17	119.5
M359913		0.26	2.32	26.2	5.96	2870	930	1.22	20.1	2.29	78.6	40.8	10.6	19	13.60	468
M359914		4.55	0.028	0.54	7.22	23.5	1830	1.37	0.96	3.04	0.34	47.2	6.5	11	15.35	46.4
M359915		5.21	0.062	0.43	7.61	24.5	1500	1.56	0.54	2.50	0.62	43.9	7.5	9	12.40	78.3
M359916		2.94	0.252	2.68	6.64	149.5	1150	1.25	2.31	2.34	5.07	46.1	7.8	9	10.45	43.2
M359917		5.94	0.060	1.19	7.30	39.6	980	1.30	0.51	2.78	0.83	48.3	6.9	8	14.50	37.6
M359918		3.35	0.146	2.18	5.71	95.3	970	0.99	5.38	1.72	5.48	19.20	9.7	9	3.70	23.0
M359919		3.53	<0.005	0.09	0.12	5	30	0.21	0.05	21.0	0.08	1.02	0.9	<1	0.45	2.9
M359920		3.71	0.073	0.48	7.95	44.1	1680	1.38	0.56	2.96	0.32	55.8	5.7	11	15.00	102.5
M359921		2.79	0.085	2.85	6.79	159.5	570	1.32	0.55	1.85	6.00	48.3	7.6	8	15.55	179.5
M359922		3.20	0.024	0.41	7.27	34.2	2560	1.54	0.26	3.07	0.40	47.9	6.9	10	14.45	32.8
M359923		2.72	0.180	1.85	6.57	116.5	820	1.20	2.20	2.74	9.17	45.0	24.5	8	9.87	51.6
M359924		3.69	0.064	0.44	6.78	36.4	2280	1.27	0.29	2.59	0.26	35.3	6.0	10	11.65	48.4
M359925		2.73	0.081	0.62	7.36	59.1	1660	1.37	0.34	2.17	0.85	47.2	6.9	9	13.90	46.2
M359926		2.82	0.925	22.8	6.56	499	360	1.66	16.80	2.27	16.80	40.5	5.3	8	13.75	594
M359927		5.71	0.156	2.22	7.48	141.5	1510	1.62	0.92	2.86	2.71	45.8	5.5	9	17.15	118.0
M359928		4.91	0.150	1.06	7.44	109.5	1390	1.59	0.27	3.00	0.82	48.9	6.5	8	20.1	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219215

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359893		2.34	18.85	0.14	2.7	0.028	2.76	31.1	37.7	0.61	620	1.47	0.44	11.2	4.4	1080
M359894		2.53	18.05	0.14	3.6	0.032	2.71	30.8	56.2	0.89	1120	14.30	0.08	11.0	5.4	1130
M359895		4.24	16.45	0.13	1.2	0.066	3.21	26.0	16.3	0.83	4090	3.45	0.04	7.5	3.5	620
M359896		4.58	14.00	0.13	0.8	0.219	2.97	22.6	22.2	0.70	4830	4.02	0.04	5.9	2.5	530
M359897		0.45	0.18	0.12	<0.1	0.009	0.02	0.5	1.0	12.70	218	0.36	<0.01	0.1	0.9	180
M359898		3.08	16.40	0.15	0.9	0.045	2.91	24.0	23.8	0.80	1320	1.89	0.59	7.4	2.3	640
M359899		2.88	15.95	0.13	0.9	0.036	2.70	18.1	14.5	0.65	471	1.13	1.74	7.6	2.2	570
M359900		3.23	14.95	0.14	0.9	0.034	2.60	24.7	18.6	0.74	278	1.13	1.93	7.2	2.3	620
M359901		3.02	16.35	0.17	0.9	0.041	2.82	23.0	21.9	0.76	355	1.12	2.07	7.9	2.3	600
M359902		2.99	15.25	0.14	0.9	0.049	2.79	24.2	21.5	0.77	344	1.26	2.05	7.4	2.6	600
M359903		3.02	17.05	0.15	1.1	0.044	2.86	23.3	22.3	0.69	356	1.33	1.78	8.3	2.2	630
M359904		5.34	17.35	0.16	1.2	0.195	3.63	26.3	15.1	0.72	630	1.28	0.32	6.6	2.5	580
M359905		3.18	16.30	0.12	1.0	0.158	2.99	23.0	17.1	0.76	381	1.33	1.93	7.3	2.3	600
M359906		5.79	12.30	0.13	1.5	0.416	1.20	8.5	13.3	1.13	1800	22.8	1.67	3.3	27.3	480
M359907		3.11	16.05	0.13	1.0	0.042	2.83	24.6	18.4	0.83	278	1.51	2.36	7.7	2.2	630
M359908		3.20	15.70	0.13	1.1	0.026	2.97	26.0	19.1	0.82	197	1.25	2.20	7.5	2.4	600
M359909		3.24	15.40	0.16	1.1	0.050	3.01	27.2	23.7	0.77	169	2.33	1.82	6.9	2.4	590
M359910		3.34	14.80	0.15	1.0	0.057	2.99	26.0	25.1	0.79	192	3.60	1.71	6.5	2.2	570
M359911		3.16	16.40	0.15	1.0	0.031	3.02	23.5	27.6	0.78	204	1.65	1.95	7.3	2.6	610
M359912		3.36	15.60	0.14	1.0	0.062	3.04	22.6	19.0	0.75	242	1.73	1.49	6.2	2.3	590
M359913		6.55	14.30	0.16	0.9	1.680	2.79	21.2	23.9	0.92	1980	13.50	0.04	5.9	14.7	460
M359914		3.36	15.20	0.17	1.1	0.043	3.15	23.2	28.4	0.93	533	1.22	0.48	6.8	2.3	600
M359915		3.22	16.35	0.13	1.1	0.045	3.41	21.3	21.1	0.75	531	2.79	0.61	6.2	2.2	600
M359916		4.28	13.90	0.13	0.9	0.100	3.04	23.2	13.1	0.98	788	1.27	0.05	5.0	2.3	530
M359917		3.10	15.10	0.15	0.9	0.021	3.29	25.2	13.1	1.16	1120	0.76	0.05	5.2	2.2	580
M359918		8.83	13.90	0.16	0.8	0.070	2.88	9.7	9.4	0.81	1040	2.53	0.06	3.2	2.6	500
M359919		0.51	0.32	0.12	<0.1	0.006	0.06	0.5	1.8	12.75	226	0.25	0.01	0.1	2.0	170
M359920		2.88	16.20	0.16	1.0	0.034	2.82	30.8	42.3	1.00	427	0.74	0.06	6.3	2.7	640
M359921		3.63	14.70	0.16	0.8	0.058	2.92	25.8	21.1	0.75	1140	1.05	0.04	5.3	2.3	530
M359922		2.89	16.00	0.14	1.0	0.036	3.05	23.1	20.1	0.86	1100	1.26	0.52	7.6	2.3	610
M359923		5.23	13.35	0.15	0.7	0.204	2.88	23.3	15.0	0.93	1700	1.05	0.51	5.1	2.7	510
M359924		2.89	14.90	0.13	1.0	0.035	2.77	16.8	17.8	0.74	376	0.91	1.10	7.0	2.1	580
M359925		3.32	15.10	0.14	0.9	0.098	2.93	23.8	24.9	0.75	835	0.64	0.08	7.0	2.0	590
M359926		5.59	15.35	0.15	0.7	0.310	3.01	21.4	16.6	0.91	3020	1.43	0.03	6.3	2.2	540
M359927		3.32	15.80	0.14	0.9	0.123	3.28	23.1	20.1	1.02	1710	1.64	0.07	7.2	2.2	600
M359928		3.13	15.30	0.14	0.9	0.036	3.19	25.1	12.4	1.03	1240	1.37	0.05	8.0	2.5	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219215

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359893		15.3	87.5	0.002	0.01	4.89	5.1	1	1.4	229	0.73	<0.05	9.6	0.274	1.25	2.8
M359894		45.1	83.0	0.004	0.04	8.28	5.6	1	1.9	331	0.74	<0.05	10.2	0.290	1.42	4.0
M359895		585	162.5	0.002	3.29	15.20	9.6	1	3.5	161.5	0.53	<0.05	12.6	0.242	3.12	4.1
M359896		1120	162.0	0.002	3.60	22.3	8.9	1	2.5	97.2	0.47	0.12	11.8	0.211	2.86	4.2
M359897		3.3	1.2	0.002	0.01	0.08	0.1	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.04	0.6
M359898		206	154.5	<0.002	1.61	10.50	10.9	2	3.0	213	0.55	0.10	12.1	0.241	2.11	3.2
M359899		28.1	94.6	0.002	0.63	1.97	9.5	1	1.7	393	0.61	0.06	10.6	0.247	1.46	2.3
M359900		15.0	96.9	0.002	1.10	1.11	9.9	1	1.8	416	0.56	0.10	12.5	0.250	1.21	2.9
M359901		15.5	107.5	<0.002	0.33	1.84	10.2	1	1.8	350	0.62	<0.05	12.5	0.258	1.16	3.1
M359902		15.0	105.0	<0.002	0.33	1.62	9.8	1	1.7	347	0.62	<0.05	13.2	0.257	1.12	3.6
M359903		23.4	109.5	0.002	0.57	5.49	10.2	1	2.0	371	0.71	0.40	12.7	0.258	1.38	3.1
M359904		566	210	<0.002	3.80	25.7	9.6	1	13.1	108.0	0.56	0.24	14.0	0.226	2.09	3.9
M359905		2170	122.0	0.002	0.91	253	9.9	<1	2.3	360	0.61	0.11	12.9	0.242	1.48	3.1
M359906		>10000	28.0	0.010	2.32	457	11.9	3	1.9	198.0	0.21	1.24	2.2	0.245	0.47	1.4
M359907		62.8	110.0	<0.002	0.69	2.57	10.2	1	2.3	388	0.65	0.12	13.9	0.255	1.14	3.7
M359908		90.4	110.0	0.002	1.16	4.98	10.0	1	2.3	371	0.63	0.10	15.0	0.238	1.14	4.2
M359909		45.2	124.0	0.002	1.72	2.31	10.2	1	2.5	383	0.58	0.13	14.3	0.222	1.25	4.4
M359910		158.5	117.0	0.002	1.79	4.65	9.6	2	2.5	368	0.58	0.12	14.1	0.218	1.27	4.3
M359911		47.3	114.0	<0.002	1.39	2.91	9.8	2	2.6	337	0.59	0.11	13.6	0.234	1.36	4.4
M359912		62.6	129.0	<0.002	1.84	3.72	9.4	1	3.9	286	0.54	0.20	13.0	0.214	1.55	3.7
M359913		2960	165.5	0.003	4.82	89.8	8.1	1	7.8	89.6	0.48	0.35	10.6	0.186	2.30	4.8
M359914		22.8	126.5	0.003	1.28	8.46	9.6	1	2.1	179.0	0.56	0.10	13.7	0.226	1.77	4.1
M359915		43.7	133.5	<0.002	1.71	7.55	9.7	1	2.2	187.0	0.51	0.17	14.2	0.218	2.24	4.0
M359916		223	156.5	0.003	3.83	15.60	9.1	1	4.4	84.8	0.42	0.16	14.1	0.179	2.13	5.0
M359917		34.2	165.0	0.002	2.22	14.10	9.4	1	2.0	72.1	0.41	0.13	14.6	0.198	2.49	4.7
M359918		281	110.0	0.003	9.63	6.27	8.3	2	8.7	32.5	0.30	0.49	10.9	0.133	1.32	5.1
M359919		2.3	3.7	0.002	0.03	0.09	0.5	<1	<0.2	35.6	<0.05	<0.05	0.2	0.005	0.05	0.7
M359920		15.5	128.5	0.002	1.30	18.85	10.5	1	2.0	124.5	0.54	0.18	16.3	0.239	1.82	4.3
M359921		274	160.0	0.002	3.00	33.6	8.7	1	4.1	71.2	0.43	0.16	14.0	0.193	2.36	3.0
M359922		41.6	106.0	0.002	0.84	8.23	9.8	<1	1.8	207	0.60	0.05	13.9	0.245	2.01	3.8
M359923		127.0	133.0	0.002	4.02	7.66	8.5	2	4.0	166.0	0.41	0.90	10.9	0.190	1.73	4.1
M359924		41.7	90.3	0.002	0.60	7.45	8.7	1	1.9	272	0.54	0.05	10.9	0.246	1.53	2.8
M359925		64.3	120.5	<0.002	1.24	12.85	9.5	1	2.5	103.0	0.59	0.05	13.2	0.238	1.86	5.2
M359926		1525	173.0	0.002	5.26	80.8	8.8	1	10.0	49.2	0.49	0.18	12.0	0.214	2.93	3.3
M359927		219	167.5	0.002	1.26	15.45	9.7	1	4.1	97.6	0.60	0.11	13.9	0.243	2.73	5.4
M359928		171.0	149.5	0.002	1.59	8.83	9.8	1	2.2	86.9	0.87	<0.05	14.0	0.236	2.66	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219215

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M359893		48	1.2	11.9	172	91.2		
M359894		52	1.6	12.8	371	124.0		
M359895		67	5.0	13.5	1780	33.6		
M359896		62	4.6	11.5	2880	17.2		
M359897		2	0.1	0.7	20	<0.5		
M359898		74	2.5	13.2	149	21.5		
M359899		68	1.5	12.5	80	19.7		
M359900		73	0.9	13.6	27	18.8		
M359901		72	0.8	15.3	27	20.1		
M359902		73	1.3	15.0	26	18.8		
M359903		72	1.1	14.6	37	23.3		
M359904		67	4.4	11.3	720	20.4		
M359905		70	1.8	14.1	1510	20.9		
M359906		83	0.6	14.6	5320	50.3	101	0.998
M359907		73	1.6	16.0	40	21.6		
M359908		69	3.1	15.0	30	23.3		
M359909		68	4.4	13.2	37	23.5		
M359910		69	3.8	13.0	40	22.2		
M359911		70	1.6	12.6	61	22.7		
M359912		66	1.7	11.7	130	21.6		
M359913		57	5.2	10.1	5740	24.5		
M359914		69	1.5	12.2	64	23.1		
M359915		69	2.0	11.3	72	24.2		
M359916		61	4.4	9.9	394	18.8		
M359917		66	2.8	9.7	86	19.5		
M359918		60	6.3	5.4	429	15.6		
M359919		3	0.1	0.7	16	1.0		
M359920		76	1.7	11.9	55	20.4		
M359921		60	5.0	10.7	628	19.3		
M359922		69	1.5	13.3	69	22.0		
M359923		61	2.2	11.4	868	16.1		
M359924		70	1.6	11.5	43	20.7		
M359925		67	2.9	12.5	106	17.7		
M359926		61	5.7	10.6	1500	18.5		
M359927		68	4.1	13.4	251	23.5		
M359928		65	3.2	14.5	86	18.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219215

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219216

Project: Klaza-130

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

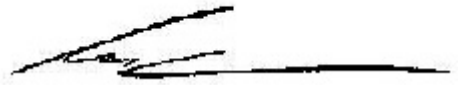
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219216

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359929		5.41	0.032	0.30	7.08	32.8	2410	1.89	0.20	2.70	2.76	48.0	7.3	16	13.70	27.0
M359930		3.66	1.105	5.73	6.82	488	560	1.58	2.11	1.92	23.8	49.7	7.0	15	15.70	118.5
M359931		2.30	<0.005	0.02	0.08	<5	20	<0.05	0.03	21.2	0.08	1.00	1.3	<1	0.44	1.7
M359932		3.96	0.655	38.6	7.03	307	750	1.46	3.98	1.74	72.6	47.5	6.7	14	11.80	187.5
M359933		2.64	0.391	1.67	6.71	127.5	1890	1.58	0.62	2.48	7.09	40.2	8.6	14	8.23	52.2
M359934		7.32	0.031	0.29	7.83	14.0	2120	1.57	0.32	2.62	0.60	47.2	7.4	20	7.95	46.4
M359935		<0.02	0.023	0.31	7.41	14.1	2140	1.55	0.41	2.65	0.65	46.8	7.5	16	8.05	41.9
M359936		7.97	0.027	0.43	7.55	16.5	2190	1.62	0.63	2.67	0.83	49.7	7.8	19	7.38	92.7
M359937		5.76	0.061	0.32	7.89	14.7	2420	1.64	0.74	2.48	0.16	51.8	8.4	20	7.78	80.9
M359938		0.26	0.311	>100	5.94	236	630	0.67	4.88	1.50	23.5	17.85	11.6	64	0.87	6270
M359939		7.96	0.036	0.55	7.37	14.0	2120	1.71	0.19	2.49	0.28	49.3	7.5	17	6.68	42.5
M359940		2.48	0.321	1.30	7.08	110.5	1920	1.56	0.85	2.41	0.66	49.2	6.8	17	6.57	50.2
M359941		8.60	0.034	0.11	7.26	12.0	2220	1.58	0.29	2.28	0.11	47.8	8.9	16	6.38	41.4
M359942		6.07	0.043	0.26	6.84	29.9	2090	1.61	0.31	2.29	0.39	51.0	8.5	19	7.39	76.8
M359943		2.66	0.046	0.40	7.29	42.3	1970	1.64	0.35	2.48	0.13	43.8	5.7	18	9.62	73.3
M359944		2.65	0.158	7.77	7.08	122.5	970	1.56	0.83	2.42	6.20	48.2	8.8	13	14.25	123.0
M359945		6.89	0.107	0.33	7.18	23.3	1800	1.68	0.31	2.39	0.48	55.0	8.3	17	7.82	119.5
M359946		0.26	2.30	26.6	5.96	3420	1100	1.37	18.65	2.29	77.5	39.7	10.9	18	14.30	454
M359947		3.81	0.021	0.21	7.30	10.6	2090	1.60	0.20	2.80	0.15	49.0	7.5	15	11.00	27.8
M359948		6.67	0.040	0.17	7.49	16.5	2310	1.48	0.28	2.59	0.43	47.4	8.2	18	6.61	51.9
M359949		3.21	0.043	0.31	6.93	26.5	1650	1.41	0.23	2.84	0.27	44.4	9.1	13	14.80	92.5
M359950		2.34	<0.005	0.01	0.08	<5	20	0.08	0.02	20.3	0.06	1.10	0.6	<1	0.36	2.0
M359951		7.46	0.054	0.19	7.45	7.1	2160	1.70	0.20	2.41	0.18	52.8	10.1	20	8.40	96.0
M359952		2.65	0.048	0.37	7.14	22.7	1530	1.48	0.28	2.63	0.29	48.8	7.6	14	12.30	55.4
M359953		4.78	0.132	0.59	7.11	65.9	2170	1.50	0.18	2.45	2.04	40.8	7.5	13	13.05	44.6
M359954		3.10	0.054	0.76	6.79	35.8	1350	1.44	0.39	2.68	0.81	47.8	9.0	15	15.30	56.4
M359955		7.96	0.042	0.33	7.33	22.9	1970	1.52	0.24	2.32	0.27	53.1	7.0	17	8.99	73.3
M359956		7.90	0.063	0.22	7.17	18.0	2260	1.40	0.22	2.23	0.15	49.5	7.4	19	7.30	33.4
M359957		3.12	0.033	0.26	7.42	11.1	2260	1.60	0.26	2.21	3.37	52.4	6.8	19	14.40	49.3
M359958		3.76	0.030	0.16	7.18	13.0	2180	1.38	0.21	2.48	0.24	50.9	6.5	10	12.20	45.9
M359959		2.84	0.391	7.90	6.96	74.4	1710	1.36	0.50	2.37	3.40	44.3	9.9	9	13.00	153.0
M359960		7.58	0.040	0.27	7.51	15.6	1890	1.79	0.47	1.94	0.22	46.9	11.8	12	7.47	75.9
M359961		3.40	0.047	0.16	7.29	9.5	2850	1.70	0.35	2.30	0.24	50.7	8.2	19	8.51	71.4
M359962		1.48	0.058	0.18	7.66	10.8	2590	1.67	0.41	2.29	0.13	56.2	8.4	12	8.11	58.6
M359963		2.89	0.041	0.56	7.09	26.3	1670	1.58	0.35	2.58	1.47	45.3	8.3	17	11.10	69.1
M359964		2.87	0.060	1.07	6.98	42.7	1370	1.50	0.33	2.95	2.59	45.7	7.3	10	14.75	113.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219216

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359929		2.84	17.65	0.13	1.1	0.186	2.65	22.8	19.2	0.76	826	2.46	1.28	9.1	2.8	560
M359930		6.00	17.80	0.14	1.1	0.613	3.15	25.0	11.0	0.82	1620	2.17	0.05	7.9	3.0	530
M359931		0.47	0.35	0.21	<0.1	<0.005	0.04	<0.5	1.0	12.90	218	0.17	<0.01	0.3	1.4	160
M359932		5.45	17.10	0.11	1.1	0.915	3.11	23.5	13.2	0.71	1640	2.09	0.42	7.5	2.6	500
M359933		3.41	16.90	0.12	1.1	0.056	2.84	18.5	16.9	0.71	411	2.39	1.38	7.6	2.6	540
M359934		3.18	17.65	0.12	1.1	0.037	2.72	22.3	17.6	0.83	323	2.37	2.08	8.3	3.0	560
M359935		3.19	17.80	0.14	1.1	0.036	2.73	22.0	17.7	0.84	329	1.84	2.04	8.4	2.9	570
M359936		3.30	18.35	0.13	1.2	0.060	2.82	23.8	15.5	0.91	308	2.08	2.12	8.5	3.0	590
M359937		3.13	18.20	0.14	1.1	0.044	2.91	25.3	13.8	0.90	302	2.07	2.15	8.3	3.0	560
M359938		5.84	12.65	0.07	1.4	0.415	1.14	7.7	13.8	1.14	1760	23.7	1.59	3.3	26.2	420
M359939		2.98	18.30	0.13	1.1	0.049	2.73	23.7	13.4	0.86	302	1.67	2.22	8.3	2.8	540
M359940		3.18	17.10	0.14	1.1	0.048	2.70	23.9	14.9	0.76	256	2.10	1.61	7.4	2.7	510
M359941		3.13	17.45	0.13	1.1	0.024	2.65	23.2	14.1	0.91	229	1.90	2.06	7.8	3.0	560
M359942		3.17	17.60	0.15	1.0	0.027	2.78	24.8	16.0	0.81	222	1.83	1.85	7.5	2.8	520
M359943		2.86	17.90	0.13	1.0	0.033	2.86	20.8	15.8	0.76	267	1.93	1.55	7.9	2.6	530
M359944		2.85	18.00	0.12	1.1	0.039	2.91	24.4	36.1	0.86	539	1.55	0.10	7.3	2.9	530
M359945		3.07	18.25	0.17	1.0	0.041	2.74	27.5	16.7	0.77	204	2.09	1.91	8.2	2.8	510
M359946		6.31	15.40	0.11	0.9	1.655	2.72	19.4	24.7	0.95	1950	13.90	0.04	6.0	15.0	410
M359947		3.27	17.50	0.14	1.1	0.031	2.70	23.3	15.8	0.89	406	1.64	1.72	8.1	2.9	580
M359948		3.21	16.90	0.16	1.4	0.040	2.63	22.8	13.9	0.95	291	1.80	2.11	7.9	3.6	700
M359949		2.91	14.80	0.15	1.1	0.027	2.60	21.9	20.5	0.90	310	1.17	0.81	7.0	2.7	560
M359950		0.44	0.24	0.14	<0.1	0.011	0.04	0.5	1.1	12.75	208	0.09	0.01	0.2	1.6	170
M359951		2.98	17.55	0.25	1.1	0.031	2.76	28.0	14.2	0.83	217	1.65	2.21	8.1	3.4	570
M359952		3.15	16.40	0.21	1.1	0.031	2.60	23.1	15.2	0.77	409	1.76	1.48	7.8	2.8	570
M359953		2.78	16.45	0.19	1.1	0.030	2.88	19.3	17.0	0.71	474	0.98	0.94	7.3	2.7	550
M359954		3.43	16.55	0.15	1.0	0.030	2.72	23.7	15.1	0.94	327	1.39	0.48	6.5	3.5	530
M359955		2.99	17.10	0.16	1.0	0.039	2.81	27.1	15.3	0.71	277	1.29	1.67	7.9	3.2	580
M359956		2.92	15.65	0.19	1.0	0.033	2.69	25.8	14.4	0.76	239	1.74	2.09	7.3	3.0	560
M359957		2.87	16.55	0.14	1.1	0.037	2.85	27.2	13.6	0.72	322	1.55	1.79	7.9	3.0	580
M359958		2.88	16.15	0.18	0.9	0.030	2.34	27.5	29.7	0.84	286	0.79	1.24	7.4	2.6	560
M359959		3.25	15.90	0.15	0.9	0.047	2.58	23.5	22.6	0.77	308	1.11	0.91	6.4	2.5	550
M359960		3.09	16.40	0.17	1.5	0.030	3.10	25.9	15.5	0.67	257	1.68	1.81	8.3	2.5	480
M359961		2.82	16.95	0.18	1.3	0.028	2.79	25.7	12.5	0.69	171	2.08	1.86	7.7	2.7	560
M359962		3.05	17.25	0.19	1.2	0.030	2.83	29.1	11.7	0.74	175	1.50	2.08	7.6	2.7	590
M359963		3.30	15.85	0.16	1.1	0.039	2.64	22.9	17.0	0.82	340	2.16	1.18	6.7	2.8	530
M359964		3.15	15.30	0.16	1.0	0.034	2.69	23.2	20.3	0.97	552	1.26	0.74	6.8	2.6	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219216

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359929		41.6	130.0	<0.002	0.58	4.73	10.7	1	2.0	312	1.03	0.05	12.3	0.241	1.67	5.8
M359930		711	188.5	<0.002	5.03	20.5	10.1	1	9.8	53.6	0.69	0.14	12.6	0.238	2.59	4.0
M359931		1.7	2.9	<0.002	0.02	<0.05	0.3	1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359932		4550	172.5	<0.002	4.25	13.15	9.4	2	10.4	100.0	0.63	0.08	12.3	0.239	2.48	3.0
M359933		401	124.5	<0.002	1.49	4.36	10.3	2	3.1	289	0.62	0.14	11.6	0.244	1.52	4.0
M359934		43.0	107.5	<0.002	0.55	1.92	10.7	1	2.0	354	0.67	0.10	13.0	0.268	1.12	3.4
M359935		33.9	107.0	<0.002	0.55	1.85	10.7	1	2.0	359	0.68	0.12	12.4	0.272	1.10	3.3
M359936		66.8	115.0	<0.002	0.94	1.68	10.9	2	2.4	351	0.70	0.10	13.1	0.275	1.17	4.4
M359937		20.1	120.0	<0.002	0.66	0.97	10.9	2	2.3	359	0.69	0.23	13.3	0.266	1.19	4.5
M359938		>10000	28.0	0.011	2.28	453	11.1	3	2.0	189.5	0.21	1.02	1.8	0.252	0.47	1.2
M359939		60.9	113.0	<0.002	0.43	2.26	11.1	2	2.2	362	0.67	<0.05	13.1	0.266	1.12	4.1
M359940		132.5	120.0	<0.002	1.10	3.23	10.2	2	3.4	301	0.63	<0.05	13.1	0.241	1.08	3.9
M359941		15.4	108.0	<0.002	0.99	1.15	10.9	2	2.2	359	0.66	0.08	12.9	0.257	1.08	4.1
M359942		26.7	119.0	<0.002	1.01	5.22	10.5	2	2.5	645	0.63	0.06	13.9	0.248	1.21	4.3
M359943		28.7	122.5	<0.002	0.74	5.49	10.5	1	3.0	333	0.66	0.06	12.1	0.255	1.27	4.0
M359944		254	150.5	<0.002	1.24	40.4	10.4	1	4.5	107.5	0.61	0.08	12.9	0.241	1.78	5.7
M359945		75.7	121.0	<0.002	0.70	3.13	10.6	2	2.5	302	0.69	0.08	13.8	0.256	1.25	4.4
M359946		2910	163.0	<0.002	4.78	87.4	7.7	2	7.9	90.5	0.47	0.35	9.4	0.187	2.22	5.0
M359947		16.5	113.5	<0.002	0.71	2.37	11.2	2	2.1	340	0.65	0.05	13.8	0.273	1.19	4.1
M359948		24.1	98.9	<0.002	0.64	1.02	11.9	1	2.6	400	0.65	0.11	12.9	0.287	1.23	3.9
M359949		18.4	101.0	<0.002	0.89	8.61	9.9	1	2.1	204	0.60	0.14	12.2	0.245	1.66	4.9
M359950		1.3	1.9	<0.002	<0.01	0.09	0.3	1	<0.2	41.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359951		16.9	111.0	<0.002	0.76	1.90	11.0	1	2.5	359	0.71	0.11	14.0	0.250	1.29	4.1
M359952		20.2	106.5	<0.002	1.03	6.20	11.1	1	2.6	267	0.62	0.09	12.2	0.253	1.39	4.1
M359953		97.2	116.5	<0.002	0.80	6.80	10.3	1	2.5	227	0.61	0.07	11.6	0.242	1.52	4.8
M359954		54.2	127.5	<0.002	1.66	6.24	10.0	2	3.8	133.0	0.55	0.12	12.6	0.208	1.85	4.5
M359955		60.4	118.5	<0.002	0.76	3.27	11.3	1	3.5	301	0.66	0.07	14.1	0.250	1.43	4.4
M359956		49.3	97.0	<0.002	0.74	1.16	10.1	2	2.3	344	0.64	0.08	14.1	0.240	1.23	4.5
M359957		146.0	119.5	<0.002	0.94	2.10	11.4	2	2.6	309	0.71	0.10	13.9	0.254	1.61	4.5
M359958		22.6	91.4	0.002	0.62	6.31	10.9	1	2.1	265	0.66	0.08	13.6	0.250	1.23	4.2
M359959		70.5	99.1	<0.002	1.42	37.6	10.2	1	3.2	224	0.50	0.09	12.0	0.217	1.32	3.7
M359960		22.4	141.0	<0.002	1.28	2.56	9.7	1	2.8	294	0.97	0.15	18.2	0.205	1.52	7.3
M359961		18.6	111.0	<0.002	1.06	2.58	10.8	2	2.3	358	0.71	0.21	14.0	0.234	1.33	5.2
M359962		18.6	115.0	<0.002	1.21	2.04	11.1	1	2.4	391	0.70	0.15	15.4	0.244	1.33	5.3
M359963		194.0	99.5	<0.002	1.37	7.73	9.5	1	2.2	244	0.55	0.13	13.5	0.218	1.36	4.0
M359964		278	108.0	<0.002	1.26	16.70	9.9	1	2.5	179.0	0.59	0.13	12.7	0.230	1.56	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219216

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M359929		65	1.9	15.1	214	24.1		
M359930		68	5.8	12.2	1830	25.3		
M359931		1	0.1	0.7	14	<0.5		
M359932		65	4.4	12.0	5820	24.7		
M359933		69	1.3	13.2	476	25.6		
M359934		73	0.8	14.9	59	27.2		
M359935		75	0.8	14.9	59	26.5		
M359936		74	1.2	16.3	95	28.2		
M359937		72	0.9	17.6	30	26.6		
M359938		84	0.6	13.0	5190	49.5	100	1.025
M359939		72	1.1	17.1	31	27.2		
M359940		68	2.0	14.7	45	25.7		
M359941		71	1.9	17.0	24	26.5		
M359942		69	2.0	16.0	38	24.7		
M359943		71	2.3	13.1	27	24.8		
M359944		68	3.9	12.8	425	26.2		
M359945		68	1.4	14.8	48	24.8		
M359946		58	5.4	9.6	5570	26.9		
M359947		77	1.4	15.1	32	26.7		
M359948		82	0.9	15.8	36	28.6		
M359949		68	1.5	12.8	42	22.8		
M359950		2	0.1	0.8	13	<0.5		
M359951		67	1.0	16.1	24	24.2		
M359952		71	2.2	13.3	39	21.3		
M359953		65	2.3	13.3	115	22.9		
M359954		60	2.3	12.3	74	20.6		
M359955		67	1.7	14.3	34	22.5		
M359956		64	0.9	14.7	26	20.9		
M359957		69	3.9	13.8	210	21.3		
M359958		65	2.1	13.5	32	21.2		
M359959		62	2.7	13.5	196	20.2		
M359960		58	2.0	15.8	30	27.8		
M359961		63	2.3	14.5	24	27.1		
M359962		67	2.5	14.6	23	25.0		
M359963		60	2.7	12.7	110	21.9		
M359964		63	3.1	12.6	184	20.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219216

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219217

Project: Klaza-130

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

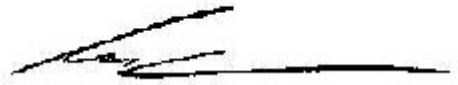
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219217

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359965		5.74	0.034	0.59	7.17	14.7	2000	1.48	0.29	2.58	0.33	47.1	8.6	9	7.99	146.5
M359966		0.26	0.272	>100	5.56	239	610	0.67	5.49	1.42	24.9	19.40	11.5	64	0.87	6110
M359967		7.48	0.034	0.15	7.55	5.4	2100	1.57	0.16	2.27	0.10	48.3	7.0	11	8.23	98.5
M359968		2.74	0.073	0.13	7.52	5.9	2310	1.49	0.23	2.35	0.10	49.8	6.7	12	8.21	148.0
M359969		2.55	0.179	0.40	7.73	52.2	1210	1.45	0.63	2.22	0.17	48.2	8.9	13	10.10	384
M359970		3.59	0.042	0.11	7.53	9.2	1900	1.33	0.14	2.39	0.07	50.6	6.3	12	7.99	93.8
M359971		8.08	0.094	0.08	7.61	8.2	2270	1.50	0.17	2.58	0.14	47.8	6.7	11	8.72	86.9
M359972		7.93	0.027	0.06	7.53	5.2	2270	1.57	0.17	2.29	0.12	46.1	7.4	13	8.19	49.2
M359973		<0.02	0.023	0.06	7.38	5.0	2250	1.62	0.17	2.26	0.11	47.1	7.2	13	7.72	51.3
M359974		6.65	0.017	0.13	7.05	7.9	2080	1.44	0.23	2.78	0.60	45.8	6.6	11	7.79	64.7
M359975		3.66	0.397	13.85	7.17	176.5	940	1.36	9.10	2.03	7.01	51.6	7.3	11	11.25	768
M359976		4.87	0.231	1.96	7.17	238	610	1.62	2.15	1.97	5.61	45.8	6.8	9	13.20	85.8
M359977		1.78	0.012	0.02	0.10	<5	30	0.09	0.03	20.2	0.06	1.37	1.1	<1	0.37	2.5
M359978		3.83	0.027	0.18	7.27	18.3	2370	1.59	0.21	2.30	0.14	43.9	8.8	11	12.15	42.3
M359979		5.49	0.022	0.11	7.39	6.3	2310	1.61	0.36	2.21	0.14	47.4	8.4	11	10.80	56.6
M359980		7.77	0.037	0.36	7.39	10.9	2330	1.58	0.75	2.31	0.31	42.4	7.9	11	8.83	121.0
M359981		5.15	0.045	0.12	7.02	9.8	2610	1.31	0.32	3.11	0.15	44.9	7.7	10	11.45	104.0
M359982		5.98	0.029	0.15	7.08	9.6	2050	1.64	0.34	2.65	0.19	43.7	7.6	10	10.90	75.6
M359983		5.64	0.028	0.22	7.17	10.8	2240	1.39	0.36	2.77	6.72	39.3	8.9	11	10.95	102.5
M359984		7.11	0.026	0.20	7.49	10.5	2310	1.58	1.03	2.37	0.21	46.8	7.6	17	8.96	102.0
M359985		0.26	4.89	>100	5.32	7810	860	1.06	61.8	1.94	220	31.3	9.1	18	10.85	1255
M359986		3.12	0.030	0.22	7.57	16.2	2470	1.58	0.45	2.34	0.28	47.1	8.4	11	10.80	94.0
M359987		3.26	0.065	0.99	6.88	70.2	1770	1.39	1.47	2.70	6.46	39.3	6.8	10	15.40	99.4
M359988		2.60	0.041	0.19	6.92	31.3	1650	1.34	0.25	3.16	0.17	42.6	5.2	8	19.65	88.0
M359989		2.78	0.121	2.18	7.57	99.6	1350	1.61	1.98	2.17	9.95	52.0	10.0	10	16.05	207
M359990		4.68	1.915	5.36	5.45	419	980	0.94	25.9	1.45	1.54	31.5	28.0	14	8.88	747
M359991		1.46	<0.005	0.02	0.12	<5	30	0.07	0.06	20.5	0.08	1.40	1.3	<1	0.67	3.4
M359992		5.09	0.131	0.62	7.79	27.6	1510	1.84	2.01	2.60	0.36	47.6	9.1	43	13.45	290
M359993		2.51	2.01	4.89	5.95	190.5	350	1.19	16.35	1.75	0.92	29.0	36.4	34	12.25	1060
M359994		3.08	0.134	0.64	7.34	27.7	1140	1.41	1.44	2.61	0.87	46.5	8.2	9	17.20	202
M359995		7.52	0.037	0.17	7.45	7.1	2220	1.43	0.67	2.28	0.10	47.1	7.3	11	8.11	100.0
M359996		8.44	0.038	0.24	7.66	7.4	2400	1.49	0.81	2.48	0.13	49.0	7.8	11	9.61	188.0
M359997		2.85	0.045	0.20	7.35	11.2	3190	1.57	0.37	2.55	0.14	43.0	6.7	10	11.60	207
M359998		1.46	0.038	0.13	7.12	9.6	3330	1.41	0.31	2.60	0.11	42.4	6.9	10	11.75	138.5
M359999		7.36	0.074	0.42	7.52	50.9	770	1.48	0.78	2.61	1.33	51.6	9.8	9	13.95	128.0
M360000		4.76	<0.005	0.10	7.13	29.0	2960	1.90	0.22	3.14	0.10	54.9	5.5	13	15.00	8.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219217

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359965		3.17	15.95	0.16	0.9	0.032	2.70	26.3	17.2	0.80	202	1.02	1.78	7.8	2.5	560
M359966		5.81	11.85	0.16	1.7	0.456	1.12	9.9	12.5	1.18	1730	22.5	1.59	3.5	26.4	450
M359967		3.07	16.15	0.16	1.0	0.029	2.76	27.4	15.2	0.89	220	1.24	1.99	8.1	2.5	580
M359968		3.05	16.05	0.18	1.0	0.021	2.62	28.5	14.3	0.85	156	1.00	1.96	7.8	2.4	570
M359969		3.53	16.90	0.17	0.9	0.054	2.93	27.2	17.3	0.77	175	2.83	1.24	6.4	2.8	590
M359970		2.97	15.75	0.18	0.9	0.026	2.69	28.3	13.3	0.83	215	1.87	1.97	7.4	2.5	590
M359971		3.06	16.40	0.17	1.0	0.034	2.71	26.7	14.2	0.91	246	2.41	2.03	8.0	2.4	600
M359972		3.12	16.15	0.16	1.0	0.031	2.66	25.3	12.0	0.91	272	2.81	2.25	8.5	2.7	590
M359973		3.05	16.35	0.18	1.0	0.030	2.61	25.7	11.4	0.89	264	1.60	2.20	8.3	2.6	580
M359974		2.97	15.60	0.16	1.0	0.040	2.53	25.2	18.3	0.77	231	1.34	1.70	7.9	2.6	570
M359975		3.67	15.45	0.19	0.9	1.025	3.17	30.9	13.4	0.97	854	1.47	0.06	5.8	2.3	520
M359976		4.12	16.00	0.17	1.0	0.159	3.20	26.0	10.9	0.84	965	0.97	0.04	7.2	3.0	550
M359977		0.48	0.34	0.09	<0.1	0.005	0.04	0.7	1.2	13.35	205	0.09	0.01	0.3	1.9	170
M359978		3.07	15.75	0.14	1.0	0.026	2.71	23.3	18.1	0.84	276	1.31	1.60	8.0	2.6	570
M359979		3.17	15.85	0.18	0.9	0.027	2.62	25.8	21.9	0.90	186	2.84	1.76	7.7	2.5	600
M359980		3.14	16.05	0.17	1.0	0.034	2.61	22.9	16.2	0.83	199	0.97	2.04	8.0	2.4	590
M359981		3.01	15.35	0.16	0.9	0.024	2.60	24.5	17.7	0.92	261	1.55	1.30	7.3	2.5	570
M359982		3.07	15.70	0.16	0.9	0.028	2.54	23.4	32.9	0.73	219	1.41	1.67	7.7	2.6	570
M359983		3.08	15.60	0.15	0.9	0.031	2.52	20.5	17.6	0.84	350	0.97	1.74	7.8	2.6	580
M359984		3.08	18.55	0.17	0.9	0.040	2.77	24.9	16.1	0.88	216	0.82	2.15	8.4	2.7	600
M359985		8.03	13.95	0.19	1.0	4.77	2.28	16.4	28.7	0.65	3130	17.05	0.08	5.9	13.2	440
M359986		3.15	18.50	0.15	0.9	0.037	2.76	25.8	21.4	0.84	182	0.79	1.91	7.5	2.5	600
M359987		3.16	18.50	0.16	0.9	0.268	2.70	20.2	38.4	0.91	334	10.10	0.71	8.0	2.8	590
M359988		2.91	17.15	0.15	0.8	0.027	2.61	22.5	34.8	1.06	330	1.27	0.64	8.0	2.3	570
M359989		3.68	18.25	0.19	0.9	0.268	3.13	29.5	13.7	0.94	591	1.72	0.52	6.3	2.6	600
M359990		12.80	13.15	0.26	0.7	0.387	2.45	17.4	11.4	0.73	455	3.84	0.20	3.3	3.1	450
M359991		0.50	0.41	0.07	<0.1	<0.005	0.05	0.7	1.5	13.45	220	0.51	0.01	0.2	2.9	170
M359992		4.17	18.50	0.16	1.4	0.235	2.85	25.5	27.7	1.44	408	2.43	0.88	6.8	8.1	990
M359993		10.90	15.55	0.22	1.1	0.515	2.69	14.6	27.3	0.82	562	7.05	0.06	5.1	6.1	750
M359994		3.03	17.45	0.12	0.8	0.053	2.94	25.4	24.8	0.95	377	1.12	0.71	6.8	2.3	590
M359995		3.08	17.05	0.15	0.8	0.025	2.65	25.3	16.6	0.85	162	1.28	2.00	7.0	2.6	590
M359996		3.16	18.20	0.18	1.0	0.029	2.82	26.6	18.2	0.84	178	1.61	1.92	8.0	2.5	610
M359997		2.78	17.65	0.15	1.0	0.022	2.69	22.7	20.4	0.77	164	1.56	1.84	7.9	2.4	580
M359998		2.78	16.95	0.16	1.0	0.016	2.56	22.6	21.7	0.79	178	1.26	1.64	7.7	2.4	550
M359999		3.20	17.20	0.17	0.9	0.024	3.04	28.3	20.3	0.95	483	1.57	0.53	6.7	2.8	600
M360000		2.20	18.25	0.17	2.0	0.028	2.88	29.5	25.4	1.01	503	0.95	0.07	9.9	4.6	790

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219217

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M359965		20.8	99.3	<0.002	0.98	6.39	9.9	2	2.5	303	0.71	0.08	13.7	0.239	1.31	4.1
M359966		>10000	30.4	0.008	2.30	464	11.5	3	2.0	189.5	0.25	1.14	2.4	0.244	0.51	1.6
M359967		19.0	103.0	<0.002	0.42	1.23	10.4	1	2.2	342	0.77	0.06	14.7	0.248	1.23	4.2
M359968		16.2	101.5	<0.002	0.71	1.47	10.6	2	2.0	353	0.74	0.08	16.0	0.245	1.20	4.6
M359969		15.4	116.5	<0.002	1.80	7.16	11.1	2	3.9	276	0.55	0.20	14.9	0.224	1.59	4.9
M359970		14.8	103.5	<0.002	0.46	1.33	10.6	1	2.0	340	0.63	<0.05	13.7	0.249	1.30	3.5
M359971		16.1	102.5	<0.002	0.46	1.68	10.6	1	2.3	369	0.75	0.05	14.1	0.257	1.28	4.4
M359972		18.8	94.0	<0.002	0.44	0.80	10.2	1	2.0	395	0.82	0.05	14.8	0.259	1.15	5.1
M359973		18.3	91.5	<0.002	0.44	0.77	10.2	1	2.0	387	0.79	0.05	14.5	0.255	1.11	4.9
M359974		43.3	89.3	<0.002	0.57	4.95	10.0	1	2.0	332	0.70	0.05	13.9	0.238	1.19	5.2
M359975		109.0	171.0	<0.002	2.96	71.6	9.9	2	7.0	85.5	0.54	0.23	16.2	0.191	2.38	4.7
M359976		178.5	158.5	<0.002	3.20	16.40	10.2	2	8.5	60.6	0.67	0.09	14.3	0.229	3.07	4.5
M359977		1.2	2.5	<0.002	0.01	0.14	0.2	1	<0.2	43.9	<0.05	<0.05	0.2	<0.005	0.02	0.5
M359978		17.6	96.9	<0.002	0.75	3.27	10.1	1	2.3	321	0.73	0.06	12.7	0.255	1.48	4.0
M359979		17.3	93.2	<0.002	1.04	1.37	10.4	2	2.2	332	0.67	0.09	14.2	0.254	1.39	4.3
M359980		27.6	104.5	<0.002	0.97	1.51	10.6	2	2.7	352	0.73	0.10	13.1	0.255	1.42	4.0
M359981		13.7	97.2	<0.002	1.06	3.90	10.1	2	2.4	283	0.64	0.10	14.8	0.238	1.40	4.1
M359982		21.4	97.2	<0.002	1.03	3.33	10.2	1	2.5	299	0.66	0.12	13.2	0.250	1.35	4.5
M359983		79.8	84.3	<0.002	0.80	3.68	10.2	1	2.6	323	0.69	0.13	12.7	0.256	1.36	4.5
M359984		23.6	99.2	<0.002	0.75	2.15	10.4	2	2.7	363	0.71	0.10	13.7	0.257	1.23	4.2
M359985		9560	127.0	<0.002	6.88	213	7.0	3	8.7	120.0	0.47	0.48	8.9	0.182	1.90	5.3
M359986		22.2	108.0	<0.002	1.16	3.88	10.9	2	2.9	353	0.62	0.10	12.9	0.247	1.34	4.0
M359987		243	86.1	<0.002	1.32	7.91	9.5	1	5.0	197.5	0.67	0.10	10.9	0.247	1.48	3.8
M359988		12.6	85.6	<0.002	0.36	5.74	9.9	1	2.2	192.0	0.66	0.05	10.9	0.249	1.47	3.0
M359989		371	148.5	<0.002	2.78	26.1	10.7	2	7.1	183.0	0.51	0.29	14.3	0.222	2.24	4.1
M359990		130.5	129.5	<0.002	>10.0	31.3	7.4	4	8.1	102.5	0.27	0.98	9.3	0.130	1.59	3.2
M359991		1.4	3.9	<0.002	0.02	0.12	0.4	1	<0.2	41.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M359992		41.5	128.5	<0.002	2.60	7.50	12.1	3	5.7	306	0.61	0.27	10.5	0.243	1.94	5.6
M359993		79.6	116.5	0.002	>10.0	8.30	9.6	4	9.0	78.9	0.40	1.30	7.2	0.189	1.73	4.2
M359994		47.4	111.0	<0.002	1.53	6.11	10.0	2	2.9	180.0	0.57	0.20	12.6	0.231	1.80	4.1
M359995		18.0	89.8	<0.002	1.31	1.52	10.1	2	2.5	385	0.57	0.12	12.1	0.241	1.16	3.9
M359996		18.3	99.9	<0.002	1.27	1.97	10.2	2	2.8	374	0.72	0.22	14.4	0.250	1.26	4.8
M359997		16.6	88.4	<0.002	0.95	1.21	9.8	2	2.3	478	0.70	0.11	13.0	0.243	1.23	4.5
M359998		15.5	86.7	<0.002	0.95	1.60	9.2	2	2.2	498	0.63	0.12	12.3	0.233	1.14	4.1
M359999		50.1	123.0	<0.002	2.12	11.05	10.1	2	3.1	273	0.57	0.31	14.0	0.230	1.99	4.1
M360000		13.6	111.0	<0.002	0.18	6.86	5.9	1	1.4	159.5	0.83	<0.05	10.5	0.253	2.05	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219217

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M359965		67	2.6	15.0	31	24.3			
M359966		80	0.6	15.9	5180	57.0	102	1.040	
M359967		68	1.8	17.2	22	24.3			
M359968		68	3.3	14.8	17	24.9			
M359969		71	5.8	13.3	23	23.1			
M359970		69	5.2	15.3	16	22.5			
M359971		70	1.4	16.2	23	24.1			
M359972		71	1.4	17.5	23	25.5			
M359973		70	1.3	17.1	23	24.0			
M359974		68	1.8	15.8	46	24.1			
M359975		62	9.9	11.2	556	23.9			
M359976		67	9.1	11.0	426	23.9			
M359977		2	0.1	0.8	14	0.5			
M359978		72	1.5	14.6	24	23.3			
M359979		70	2.0	13.4	21	22.7			
M359980		71	2.5	15.3	31	23.7			
M359981		67	3.6	14.2	28	22.7			
M359982		70	1.8	13.5	31	21.3			
M359983		70	1.3	14.1	373	21.4			
M359984		70	1.2	14.3	28	22.5			
M359985		52	4.8	8.7	>10000	31.5	117		1.570
M359986		69	1.9	12.7	38	21.1			
M359987		68	2.4	11.2	578	22.8			
M359988		67	1.5	12.3	39	21.2			
M359989		68	4.3	11.4	877	22.5			
M359990		53	3.5	9.5	135	21.5			
M359991		3	0.1	0.8	14	<0.5			
M359992		91	3.2	11.9	69	46.4			
M359993		75	5.5	9.5	128	40.7			
M359994		68	2.4	11.0	95	21.2			
M359995		69	3.5	11.2	33	20.0			
M359996		69	2.6	12.1	30	23.6			
M359997		67	2.3	11.3	24	24.9			
M359998		64	2.1	11.5	24	24.6			
M359999		68	2.8	11.3	151	26.0			
M360000		52	1.7	11.1	46	72.0			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219217

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219218

Project: Klaza-130

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

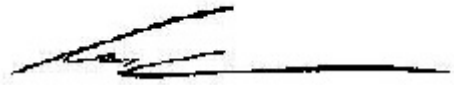
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219218

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356001		5.29	0.058	0.46	6.99	65.9	820	1.68	0.65	3.34	0.11	53.7	9.4	8	16.60	183.0
M356002		5.74	0.066	0.27	6.74	49.5	1740	1.57	0.71	2.51	0.10	43.8	10.9	9	11.80	180.0
M356003		7.69	0.140	0.70	6.71	35.7	2020	1.38	0.82	2.50	0.66	38.4	9.3	9	12.85	381
M356004		0.26	2.29	25.9	5.61	3070	1680	1.45	18.95	2.19	80.0	43.2	10.6	19	14.30	427
M356005		4.77	0.079	0.44	6.93	23.0	1330	1.35	0.97	2.46	0.15	41.8	6.2	9	9.18	160.0
M356006		4.27	0.081	2.00	6.98	52.0	1070	1.32	2.41	2.34	8.10	38.1	11.5	9	11.60	146.0
M356007		2.59	0.044	0.31	6.81	43.1	1470	1.43	0.52	2.55	0.16	43.9	6.0	9	12.50	222
M356008		2.87	1.135	7.00	6.02	239	790	1.13	9.39	1.87	4.81	45.8	25.9	7	7.92	537
M356009		3.20	<0.005	0.06	0.05	<5	20	<0.05	0.05	20.8	0.06	0.94	0.5	<1	0.10	2.7
M356010		5.12	0.046	0.28	7.03	12.5	1170	1.47	0.59	2.38	0.14	42.1	6.6	8	9.20	217
M356011		3.19	0.074	0.22	7.17	29.0	880	1.30	0.57	2.31	0.08	39.9	9.9	9	12.10	179.5
M356012		1.72	0.056	0.24	6.86	26.2	1100	1.48	0.65	2.49	0.12	39.2	7.1	9	11.00	235
M356013		4.93	0.099	0.47	7.06	86.1	800	1.30	0.77	2.66	0.18	45.0	7.7	8	14.25	436
M356014		3.85	0.030	0.30	6.77	30.2	850	1.35	0.74	2.38	0.12	39.9	20.4	8	9.99	98.8
M356015		3.35	0.096	0.37	6.80	29.1	830	1.29	1.14	2.84	0.13	40.8	9.9	10	13.30	100.5
M356016		3.24	0.036	0.85	7.61	19.1	1590	1.28	0.62	3.30	0.16	32.1	21.1	319	18.30	296
M356017		3.00	0.049	1.00	7.00	39.6	1640	1.37	0.66	3.36	0.59	32.7	11.6	154	26.2	201
M356018		4.33	0.056	1.58	7.01	70.1	2100	1.31	1.14	2.61	4.26	30.1	11.5	75	16.45	274
M356019		3.39	0.209	3.22	6.85	49.7	1160	1.34	0.94	2.22	1.54	30.4	18.9	63	15.35	905
M356020		0.26	2.25	24.9	5.88	3230	1580	1.30	18.75	2.27	77.1	40.6	9.9	18	13.30	441
M356021		8.57	0.163	3.79	7.25	47.1	1280	1.22	0.86	2.17	0.49	33.1	14.6	82	14.35	1190
M356022		3.93	0.082	2.06	7.36	80.6	1610	1.43	1.10	2.96	0.63	32.4	14.3	225	19.00	605
M356023		3.55	0.129	4.50	6.75	123.0	1140	1.24	4.91	1.93	3.30	42.0	10.7	8	13.00	243
M356024		2.82	0.038	0.93	7.19	61.5	1130	1.45	1.00	2.58	0.69	46.0	9.7	8	15.40	258
M356025		2.73	0.179	25.2	6.50	124.5	910	1.36	55.1	1.86	5.50	43.9	9.8	7	10.45	177.5
M356026		2.28	<0.005	0.15	0.05	<5	30	<0.05	0.10	21.1	0.06	1.09	0.5	<1	0.09	2.2
M356027		3.18	0.068	7.57	7.20	109.5	1210	1.61	3.34	2.14	1.93	52.1	7.8	8	15.30	466
M356028		4.07	0.036	2.38	7.24	83.8	860	1.41	4.31	1.21	4.60	51.3	6.1	8	10.40	230
M356029		7.54	0.161	3.45	7.03	178.0	1110	1.34	4.60	1.39	7.89	51.4	8.3	9	11.00	466
M356030		3.65	0.040	0.87	7.14	55.8	1580	1.57	1.21	2.38	0.80	48.2	6.6	9	13.65	251
M356031		5.27	0.077	1.13	7.36	120.5	1240	1.43	1.82	2.08	0.79	49.6	7.3	8	13.60	338
M356032		4.47	0.143	2.74	6.72	179.0	1070	1.50	2.80	2.13	2.77	45.0	8.9	7	12.70	391
M356033		4.99	0.183	0.81	7.33	52.2	1820	1.38	0.68	2.35	0.35	48.4	6.8	7	14.40	205
M356034		3.50	0.037	0.63	7.47	25.5	2670	1.27	0.56	1.61	0.19	41.6	8.8	15	9.90	201
M356035		<0.02	0.035	0.59	7.73	23.6	2710	1.35	0.51	1.61	0.19	46.5	8.5	12	10.40	201
M356036		7.90	0.037	0.42	7.51	13.5	2580	1.38	0.38	1.73	0.39	52.0	8.0	9	8.01	113.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219218

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356001		3.26	16.60	0.12	1.0	0.024	2.82	32.0	24.2	1.12	418	1.22	0.17	6.6	3.2	570
M356002		3.24	17.40	0.11	1.0	0.025	2.91	24.4	23.3	0.78	247	1.41	1.43	6.7	3.4	590
M356003		3.09	16.30	0.12	1.0	0.045	3.05	20.9	22.8	0.76	290	2.38	1.36	6.6	2.9	580
M356004		6.53	14.80	0.11	0.9	1.640	2.63	23.6	25.8	0.88	1860	12.35	0.04	5.8	16.2	420
M356005		2.92	15.65	0.11	0.9	0.027	3.05	21.8	15.8	0.73	196	1.00	1.41	5.4	2.5	560
M356006		4.66	16.05	0.13	0.9	0.427	3.04	18.9	19.8	0.80	374	2.16	0.53	4.9	2.8	530
M356007		3.10	16.25	0.14	1.1	0.032	3.19	23.0	17.5	0.74	281	0.59	0.85	5.3	2.6	590
M356008		7.06	14.70	0.09	0.8	0.128	2.82	27.5	16.8	0.69	1080	8.12	0.06	3.4	3.8	450
M356009		0.52	0.16	0.06	<0.1	0.010	0.02	0.5	1.0	13.05	210	0.05	<0.01	0.1	1.4	270
M356010		3.24	16.50	0.14	0.9	0.034	2.97	21.1	20.0	0.72	207	0.91	1.11	6.7	2.6	590
M356011		3.22	16.45	0.11	0.9	0.021	2.91	19.8	20.5	0.67	160	0.90	0.90	5.6	2.7	570
M356012		3.17	16.15	0.10	1.0	0.035	2.86	20.8	16.7	0.77	183	1.30	1.30	6.4	2.7	590
M356013		4.35	15.40	0.10	0.9	0.024	2.96	26.2	25.5	1.09	218	1.13	0.17	5.5	3.0	540
M356014		4.75	14.65	0.12	1.0	0.047	2.88	21.7	27.0	0.96	230	6.62	1.01	5.4	3.3	560
M356015		3.64	14.40	0.09	1.0	0.028	3.12	23.7	15.5	1.13	235	0.89	0.80	5.4	3.7	560
M356016		5.57	17.65	0.11	2.0	0.145	1.83	14.6	45.1	3.50	592	1.67	1.46	6.2	116.5	730
M356017		3.85	15.55	0.10	1.7	0.089	2.62	16.3	17.9	1.75	862	1.93	0.79	5.4	50.7	640
M356018		3.83	17.05	0.13	1.6	0.154	3.01	14.9	19.0	1.50	1150	1.96	0.90	6.2	30.2	630
M356019		4.96	16.85	0.12	1.7	0.073	3.97	15.5	9.5	1.22	907	2.17	0.40	5.7	24.6	620
M356020		6.84	13.70	0.09	0.9	1.535	2.76	21.6	22.9	0.92	1920	11.45	0.04	5.5	15.0	450
M356021		4.36	17.25	0.09	1.8	0.090	3.62	16.5	18.7	1.45	637	2.12	0.88	5.6	29.2	640
M356022		5.08	17.60	0.12	1.9	0.130	2.84	15.4	32.7	2.46	1660	1.84	1.03	5.5	83.2	690
M356023		5.88	15.70	0.12	0.8	0.181	3.18	24.2	13.3	0.98	2220	1.48	0.04	4.9	5.3	510
M356024		3.56	15.65	0.12	0.9	0.098	3.15	25.9	24.6	1.04	615	2.02	0.15	5.3	3.1	570
M356025		5.67	15.45	0.12	0.9	0.166	3.13	23.6	13.6	0.80	1290	1.81	0.26	5.4	2.9	500
M356026		0.48	0.16	0.07	<0.1	0.008	0.02	0.5	1.0	13.30	211	0.08	0.01	0.1	1.4	170
M356027		4.33	15.95	0.12	1.1	0.112	3.33	28.5	11.8	0.90	889	1.22	0.34	6.4	2.7	560
M356028		5.03	14.50	0.15	1.2	0.177	3.27	28.9	6.4	0.61	785	1.27	0.04	6.0	2.6	520
M356029		5.27	16.05	0.10	1.0	0.195	3.26	27.4	10.5	0.68	455	1.76	0.05	5.4	3.0	520
M356030		3.05	16.90	0.13	1.0	0.073	3.00	25.6	19.1	0.82	329	1.05	0.71	7.0	2.6	560
M356031		3.95	16.45	0.13	1.1	0.098	3.19	28.8	20.2	0.83	366	1.60	0.23	6.7	2.5	560
M356032		4.41	16.45	0.13	1.0	0.121	3.11	27.1	19.3	0.86	918	1.97	0.05	5.7	2.7	540
M356033		3.23	16.00	0.11	1.1	0.056	3.05	26.6	29.4	0.85	301	1.54	0.09	6.8	2.8	560
M356034		3.13	16.55	0.12	1.1	0.034	3.03	24.2	26.6	0.63	246	3.44	0.27	7.2	4.2	580
M356035		3.10	17.20	0.12	1.2	0.043	3.02	26.0	26.8	0.62	244	2.47	0.22	7.6	3.6	590
M356036		3.05	17.45	0.11	1.1	0.041	2.97	29.0	23.0	0.70	193	1.73	1.37	7.9	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219218

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356001		18.5	137.5	<0.002	1.51	18.40	10.3	1	2.8	135.5	0.48	0.35	12.2	0.228	2.13	4.1
M356002		13.3	113.5	<0.002	1.72	5.89	10.2	1	2.7	286	0.51	0.35	10.5	0.238	1.80	3.8
M356003		43.0	121.0	<0.002	1.50	4.36	9.3	1	2.8	313	0.51	0.41	10.8	0.227	1.85	3.8
M356004		2790	163.0	0.002	4.56	93.7	8.1	1	8.0	88.8	0.43	0.40	9.8	0.179	2.34	4.9
M356005		23.5	115.5	<0.002	1.52	11.00	9.0	1	2.5	352	0.42	0.30	11.5	0.211	1.75	3.9
M356006		516	134.5	0.002	3.81	9.28	9.4	3	4.9	169.5	0.35	0.42	10.9	0.186	1.91	4.6
M356007		15.9	134.5	<0.002	1.94	8.08	9.9	1	3.0	259	0.43	0.19	10.9	0.200	2.17	3.6
M356008		156.5	141.5	0.004	6.76	48.0	8.3	2	10.0	57.5	0.29	1.00	9.2	0.135	1.78	2.8
M356009		1.6	0.8	<0.002	0.03	0.15	0.1	<1	0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M356010		15.3	115.0	<0.002	1.44	3.09	9.6	2	3.0	280	0.54	0.18	10.7	0.232	1.64	3.4
M356011		15.6	117.5	<0.002	2.26	17.75	9.7	2	3.3	283	0.41	0.24	10.7	0.214	1.63	3.8
M356012		14.9	107.5	<0.002	1.70	6.27	10.0	1	3.2	305	0.48	0.25	11.0	0.234	1.69	3.7
M356013		24.4	132.5	<0.002	3.34	13.80	9.5	2	4.0	144.5	0.42	0.31	11.8	0.208	1.91	3.6
M356014		27.0	124.0	<0.002	3.75	6.29	9.7	4	3.2	235	0.41	0.27	10.7	0.190	1.74	4.1
M356015		27.1	143.0	<0.002	2.54	10.15	9.6	1	3.1	302	0.42	0.42	11.1	0.210	2.25	3.9
M356016		32.2	110.5	<0.002	1.19	4.37	20.8	1	2.2	1485	0.43	0.15	6.1	0.351	1.82	2.8
M356017		76.4	121.0	<0.002	1.58	5.82	11.7	1	2.2	369	0.45	0.15	7.2	0.245	2.33	3.5
M356018		122.5	133.0	<0.002	2.62	5.17	9.2	1	3.3	3300	0.51	0.25	8.1	0.219	2.43	4.1
M356019		80.5	190.5	0.002	4.02	4.51	8.6	2	4.8	214	0.46	0.34	8.4	0.207	2.72	5.0
M356020		2920	158.0	0.002	4.79	88.1	7.6	<1	7.6	84.8	0.43	0.36	9.3	0.183	2.35	4.8
M356021		30.9	163.0	<0.002	2.89	6.44	9.4	2	4.0	354	0.51	0.36	8.2	0.209	2.62	4.7
M356022		70.3	147.0	<0.002	2.10	10.35	15.9	1	3.1	727	0.43	0.27	6.4	0.296	2.86	3.5
M356023		398	169.5	<0.002	5.63	30.2	8.9	3	8.8	86.8	0.37	0.42	10.6	0.193	2.76	3.4
M356024		47.0	137.5	<0.002	2.36	27.5	9.5	2	4.0	138.5	0.40	0.13	11.0	0.205	2.35	3.2
M356025		841	145.0	<0.002	5.27	21.3	8.8	3	8.4	88.3	0.49	0.44	10.9	0.183	2.26	4.7
M356026		2.1	0.8	<0.002	0.01	0.09	0.1	<1	0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M356027		82.0	164.0	0.002	3.58	70.6	10.1	4	5.0	128.0	0.67	0.46	12.8	0.205	2.72	5.5
M356028		114.0	148.5	<0.002	4.45	19.55	9.6	6	6.7	35.2	0.55	0.44	12.0	0.207	2.51	4.0
M356029		243	159.0	0.002	4.83	42.9	9.4	3	9.8	49.2	0.56	0.44	11.6	0.186	2.48	4.8
M356030		53.3	124.0	<0.002	1.58	19.45	10.1	1	3.5	219	0.72	0.26	11.5	0.224	1.91	4.4
M356031		38.9	139.0	<0.002	2.81	27.8	9.8	2	6.0	106.5	0.62	0.34	12.6	0.218	2.09	4.6
M356032		112.5	174.0	<0.002	3.82	37.9	9.6	2	8.7	62.7	0.51	0.49	11.8	0.195	2.33	3.8
M356033		55.8	118.5	<0.002	1.55	17.70	9.6	1	3.0	99.2	0.62	0.13	12.7	0.222	1.92	5.9
M356034		19.9	132.5	0.002	1.17	10.75	10.2	1	2.9	112.0	0.65	0.19	13.2	0.238	1.61	4.5
M356035		19.1	131.0	<0.002	1.10	11.40	10.5	1	3.0	105.0	0.69	0.23	13.3	0.245	1.65	4.3
M356036		33.3	120.5	<0.002	0.85	4.48	10.5	1	2.8	273	0.67	0.11	14.7	0.251	1.49	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219218

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356001		63	2.6	12.2	40	25.2
M356002		69	2.3	10.7	23	24.2
M356003		64	2.6	10.1	74	23.1
M356004		53	4.8	9.6	5290	25.5
M356005		65	2.8	9.8	33	21.0
M356006		64	4.8	10.1	526	22.2
M356007		66	3.9	10.6	30	25.6
M356008		56	4.1	9.2	328	18.4
M356009		1	0.1	0.7	13	<0.5
M356010		66	4.3	11.2	22	23.5
M356011		66	3.4	10.7	22	21.7
M356012		67	3.4	11.0	23	24.5
M356013		64	4.1	11.1	34	21.6
M356014		62	2.2	11.2	33	22.8
M356015		65	2.4	11.8	40	24.0
M356016		140	2.6	13.5	139	73.1
M356017		92	6.3	9.4	136	53.7
M356018		75	4.1	8.2	413	49.7
M356019		74	12.3	8.3	185	50.8
M356020		56	5.0	9.0	5470	24.4
M356021		79	11.0	8.9	119	52.9
M356022		116	5.6	11.1	186	65.2
M356023		61	8.5	9.4	280	17.9
M356024		65	5.6	11.3	103	22.5
M356025		56	5.8	10.2	418	20.6
M356026		2	0.1	0.8	15	<0.5
M356027		63	4.9	12.8	144	24.0
M356028		62	6.1	10.1	437	23.6
M356029		60	7.0	10.7	507	22.2
M356030		65	2.9	12.0	100	22.9
M356031		64	4.1	12.0	92	25.0
M356032		60	4.7	11.5	213	21.6
M356033		65	3.8	12.0	79	24.5
M356034		66	2.9	12.4	43	25.0
M356035		68	2.9	13.1	44	26.1
M356036		69	2.2	15.3	45	24.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219218

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219219

Project: Klaza-130

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

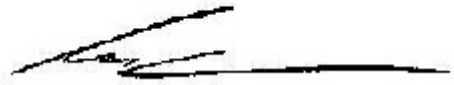
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219219

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356037		7.96	0.057	1.04	7.30	40.1	2350	1.42	2.89	2.42	0.23	46.4	7.3	11	10.35	198.5
M356038		7.48	0.098	1.19	7.15	44.4	1340	1.47	1.99	1.89	1.17	48.2	7.6	8	12.25	115.0
M356039		0.26	2.30	25.4	5.68	3160	280	1.32	18.90	2.14	77.4	42.4	10.4	17	13.45	426
M356040		3.96	0.139	1.98	7.30	45.5	1500	1.48	2.04	1.84	1.13	50.3	8.3	8	11.70	262
M356041		3.77	0.025	0.29	7.46	10.3	2360	1.63	0.31	2.07	0.22	49.4	8.4	9	12.10	73.5
M356042		3.00	0.072	0.79	6.73	68.1	1450	1.60	0.95	2.88	1.07	51.9	8.1	6	21.0	75.0
M356043		2.44	<0.005	0.02	0.09	<5	30	0.05	0.02	19.85	0.07	1.23	0.6	<1	0.19	1.8
M356044		6.47	0.017	0.42	6.98	27.4	670	1.84	0.27	2.45	2.39	60.5	6.4	27	15.45	17.8
M356045		8.51	0.005	0.24	6.64	14.8	1270	2.25	0.09	2.59	0.96	53.5	5.3	18	18.35	10.3
M356046		8.63	<0.005	0.13	6.85	9.8	1490	2.05	0.13	2.73	0.40	57.0	5.5	21	18.20	7.5
M356047		<0.02	<0.005	0.12	6.91	10.4	1510	2.26	0.14	2.79	0.45	54.8	5.5	22	18.15	8.3
M356048		8.75	0.009	0.29	6.88	14.9	2000	2.06	0.31	2.85	0.56	51.7	7.2	17	18.70	29.8
M356049		8.01	<0.005	0.02	6.89	7.5	1220	1.96	0.05	3.33	1.10	50.8	6.7	8	22.0	2.7
M356050		0.26	2.25	23.8	5.75	3170	790	1.37	18.65	2.16	73.7	40.5	9.9	17	12.95	430
M356051		7.91	<0.005	0.13	6.84	11.8	1360	2.04	0.13	3.18	1.34	46.2	5.5	10	20.4	9.8
M356052		8.17	<0.005	0.12	7.04	11.7	1050	2.52	0.18	3.39	0.25	50.1	6.9	14	20.3	11.8
M356053		2.87	0.289	4.73	6.64	238	660	2.15	5.75	1.00	2.24	41.6	10.5	8	13.15	403
M356054		2.85	<0.005	0.03	0.08	<5	20	0.08	0.02	20.3	0.05	1.14	0.6	<1	0.18	1.8
M356055		7.20	<0.005	0.22	6.53	20.6	740	2.09	0.08	0.68	0.17	37.3	1.5	4	17.95	2.0
M356056		8.41	<0.005	0.07	7.32	5.7	690	2.41	0.02	0.88	0.14	41.1	1.5	3	21.1	1.4
M356057		6.40	<0.005	0.09	6.98	8.0	710	2.35	0.02	0.86	0.08	39.4	1.4	2	20.4	1.6
M356058		3.69	0.047	0.84	7.69	65.5	1520	2.57	1.61	1.81	0.33	47.1	8.2	9	22.2	185.5
M356059		3.89	0.611	6.01	6.57	307	390	1.66	7.23	1.47	1.19	41.1	7.5	8	14.10	631
M356060		4.11	0.318	4.17	6.44	170.5	490	1.44	6.25	1.61	3.64	37.6	7.6	8	11.65	284
M356061		6.76	0.155	1.07	7.87	29.6	1000	1.62	2.13	2.20	1.73	47.3	8.8	11	11.55	179.5
M356062		5.24	0.135	2.09	6.91	125.0	1280	1.55	13.60	2.76	2.78	48.7	7.2	9	15.80	585
M356063		7.40	0.101	1.02	7.39	28.6	900	1.66	0.96	2.16	2.98	48.5	8.4	9	13.00	176.0
M356064		3.84	0.109	1.48	7.26	57.8	1620	1.70	0.95	2.58	1.18	44.2	8.0	8	15.65	457
M356065		3.14	0.513	13.85	7.05	282	200	1.80	10.10	1.40	8.00	45.2	6.6	9	13.95	1590
M356066		3.41	<0.005	0.34	6.92	18.4	5580	2.18	0.20	2.92	0.70	61.6	4.4	12	25.2	13.2
M356067		1.74	0.010	0.77	6.98	21.3	1680	2.43	0.47	3.10	1.01	58.1	4.4	12	26.5	41.9
M356068		8.16	<0.005	0.13	6.68	15.0	1240	2.09	0.08	3.23	0.51	50.0	5.8	19	10.20	12.3
M356069		7.11	<0.005	0.16	6.78	25.4	2110	1.96	0.10	3.14	0.52	55.4	5.5	19	9.42	8.7
M356070		2.68	0.006	0.28	7.33	24.4	1440	1.93	0.21	3.15	1.11	62.2	7.4	21	10.70	16.9
M356071		5.88	0.024	0.90	7.63	48.5	570	1.77	1.10	2.25	1.33	60.2	6.1	12	21.1	112.5
M356072		3.16	0.300	6.40	6.93	89.2	800	1.40	5.01	2.34	1.10	40.0	8.5	7	20.4	841

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219219

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356037		2.86	16.35	0.14	1.2	0.031	2.89	21.6	22.0	0.71	314	1.37	1.02	7.4	2.5	580
M356038		3.32	16.30	0.16	1.2	0.051	3.04	24.5	25.6	0.70	619	2.06	0.36	6.9	2.5	540
M356039		6.34	14.45	0.13	1.0	1.640	2.59	21.0	22.7	0.88	1840	12.80	0.04	5.8	15.7	430
M356040		3.62	17.15	0.13	1.1	0.153	3.16	26.2	55.5	0.83	501	1.39	0.12	7.4	2.7	560
M356041		3.63	16.10	0.16	1.1	0.037	2.95	24.7	40.8	0.79	268	2.29	0.78	7.4	2.5	580
M356042		2.80	14.50	0.15	1.1	0.063	2.63	28.1	38.5	0.92	1900	3.13	0.04	6.6	2.9	530
M356043		0.44	0.23	0.15	<0.1	0.007	0.04	0.6	1.1	12.45	200	0.16	0.01	0.2	1.8	160
M356044		2.14	18.75	0.22	4.3	0.039	2.53	32.9	65.2	0.89	582	1.75	0.05	10.4	14.8	920
M356045		1.89	18.05	0.21	3.0	0.033	2.82	26.1	34.6	0.81	511	0.85	0.05	9.9	10.1	760
M356046		2.14	18.25	0.22	3.6	0.025	2.76	29.0	35.4	0.86	482	0.54	0.05	10.0	11.4	820
M356047		2.17	18.80	0.21	3.6	0.025	2.80	26.2	37.0	0.87	492	0.52	0.05	10.2	11.9	830
M356048		2.42	18.45	0.20	3.3	0.034	2.67	25.3	49.3	0.99	471	1.28	0.05	8.0	8.7	770
M356049		2.49	18.15	0.20	2.4	0.030	2.82	24.0	25.0	1.03	526	0.48	0.15	8.3	4.2	750
M356050		6.35	13.30	0.14	1.0	1.480	2.64	19.9	21.4	0.88	1860	11.90	0.04	5.4	14.8	430
M356051		2.56	17.65	0.17	2.5	0.037	2.89	22.0	31.9	1.02	534	0.54	0.34	8.0	3.9	760
M356052		2.63	19.25	0.17	3.1	0.031	2.81	21.9	62.2	1.11	539	0.92	0.28	7.8	7.1	780
M356053		5.71	20.0	0.14	1.5	0.214	3.10	20.9	23.2	0.57	333	3.07	0.04	7.2	3.9	510
M356054		0.46	0.27	0.15	<0.1	0.008	0.03	0.6	1.1	12.70	199	0.13	<0.01	0.1	1.6	170
M356055		1.17	17.80	0.22	2.6	0.014	2.80	18.0	17.4	0.28	315	0.73	0.05	14.0	1.1	280
M356056		1.37	17.70	0.07	2.7	0.014	2.88	21.5	69.2	0.37	420	0.38	0.05	14.3	1.1	330
M356057		1.21	17.05	0.07	2.5	0.009	2.75	19.7	45.2	0.35	349	1.65	0.06	13.8	1.0	320
M356058		3.17	16.50	0.10	1.0	0.091	3.73	25.6	29.6	0.75	489	3.36	0.15	6.1	2.7	600
M356059		6.21	16.60	0.12	0.9	0.278	2.98	22.3	25.5	0.71	474	1.58	0.03	4.3	2.4	510
M356060		5.64	15.40	0.10	0.8	0.221	3.10	19.9	36.5	0.74	585	5.50	0.06	4.7	2.4	500
M356061		3.74	16.90	0.10	1.0	0.073	3.26	24.8	31.8	0.81	472	3.57	1.26	6.8	2.8	600
M356062		3.15	15.95	0.11	0.9	0.105	2.69	25.6	37.3	0.94	433	5.27	0.32	6.4	2.5	540
M356063		3.13	17.25	0.11	0.9	0.065	2.81	24.4	48.4	0.70	266	7.87	0.66	6.7	2.6	590
M356064		3.10	16.90	0.10	0.9	0.052	3.19	22.4	41.3	0.77	405	2.98	0.58	7.0	2.5	630
M356065		5.39	17.50	0.10	1.1	0.834	3.31	24.7	16.5	0.68	594	3.72	0.05	5.7	2.7	570
M356066		2.19	16.80	0.13	2.7	0.024	3.03	30.7	33.9	0.82	655	2.66	0.05	11.1	3.0	910
M356067		2.29	17.90	0.11	2.6	0.047	3.11	28.8	28.5	0.88	690	2.33	0.06	11.6	3.1	910
M356068		2.33	18.65	0.10	4.3	0.019	2.40	25.2	51.3	0.94	491	0.95	0.75	10.3	7.8	1110
M356069		2.22	18.10	0.12	4.4	0.009	2.34	27.2	42.4	0.90	505	1.82	0.66	10.3	7.7	1090
M356070		2.77	19.00	0.10	4.4	0.024	2.42	29.3	51.8	1.04	621	2.23	0.06	11.2	8.9	1430
M356071		2.97	16.80	0.12	2.1	0.013	3.19	31.3	37.5	0.88	380	2.93	0.06	7.3	3.9	820
M356072		4.80	14.50	0.10	0.8	0.231	2.61	20.2	60.7	0.76	601	3.13	0.06	4.6	3.6	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219219

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356037		37.3	101.0	<0.002	0.96	13.20	9.9	1	2.6	257	0.76	0.24	16.0	0.240	1.68	4.1
M356038		105.5	128.0	<0.002	1.89	14.10	9.8	1	4.6	135.0	0.66	0.18	14.6	0.221	2.08	4.5
M356039		2770	160.0	0.002	4.62	94.0	8.2	1	7.7	91.2	0.47	0.40	10.1	0.175	2.37	5.1
M356040		47.5	125.0	<0.002	1.53	8.62	10.4	1	5.9	143.5	0.68	0.40	14.1	0.237	2.06	3.7
M356041		20.1	121.0	0.002	1.23	8.45	10.7	2	2.3	248	0.68	0.07	14.4	0.239	1.57	4.3
M356042		34.5	134.0	<0.002	1.77	19.90	9.3	1	2.7	208	0.61	0.14	12.9	0.215	2.34	6.2
M356043		1.5	1.5	<0.002	0.01	0.14	0.2	1	0.2	48.6	<0.05	0.05	0.2	<0.005	<0.02	0.9
M356044		114.5	92.1	<0.002	0.18	12.30	5.9	1	1.5	316	0.74	<0.05	11.4	0.273	1.51	8.1
M356045		95.8	94.7	<0.002	0.12	9.29	5.1	1	1.5	356	0.77	<0.05	10.5	0.237	1.51	8.1
M356046		25.1	99.1	<0.002	0.06	9.67	5.4	1	1.4	419	0.79	<0.05	10.8	0.249	1.46	4.3
M356047		25.4	90.4	<0.002	0.06	10.10	5.4	1	1.5	428	0.80	<0.05	10.1	0.253	1.43	4.3
M356048		22.0	98.0	<0.002	0.21	15.15	7.8	1	2.3	479	0.59	<0.05	8.5	0.286	1.48	4.1
M356049		21.2	100.5	0.002	0.03	11.25	7.4	1	1.3	454	0.58	<0.05	8.0	0.279	1.40	3.6
M356050		2780	147.5	<0.002	4.66	89.6	7.7	1	7.1	90.9	0.48	0.41	10.2	0.176	2.34	5.1
M356051		30.6	94.7	<0.002	0.05	14.10	7.0	1	1.4	499	0.60	<0.05	7.8	0.287	1.41	3.9
M356052		25.3	93.7	<0.002	0.07	9.74	8.6	1	1.5	623	0.59	<0.05	7.6	0.303	1.53	4.2
M356053		112.0	195.0	0.002	5.45	52.9	9.1	2	26.7	176.0	0.53	0.44	11.0	0.187	2.19	6.2
M356054		1.5	1.4	<0.002	0.01	0.14	0.2	1	0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M356055		27.8	118.0	<0.002	0.46	1.98	2.5	<1	1.9	142.5	1.54	<0.05	8.2	0.119	1.27	6.0
M356056		30.6	123.5	<0.002	0.07	2.56	2.6	1	2.1	149.0	1.50	<0.05	9.2	0.138	1.35	3.8
M356057		30.9	114.0	<0.002	0.19	2.79	2.5	<1	1.7	157.0	1.49	<0.05	9.1	0.129	1.24	5.5
M356058		24.7	173.5	<0.002	1.49	22.5	10.0	2	4.3	362	0.51	0.31	14.1	0.224	2.50	18.5
M356059		182.0	185.0	<0.002	5.78	43.8	8.5	2	19.7	161.5	0.38	0.56	13.2	0.169	2.19	9.0
M356060		201	161.0	<0.002	5.20	39.5	8.4	2	8.4	120.5	0.39	0.68	11.4	0.177	2.05	7.3
M356061		129.0	135.0	<0.002	2.02	5.74	10.5	2	4.4	314	0.58	0.40	14.0	0.243	2.02	4.3
M356062		98.6	112.0	<0.002	1.60	55.1	9.2	1	4.0	187.5	0.56	0.80	12.9	0.227	1.90	4.2
M356063		338	106.5	0.003	1.60	25.7	10.1	2	3.6	237	0.55	0.28	13.3	0.237	1.69	4.1
M356064		106.5	115.5	<0.002	1.44	18.95	10.6	1	3.2	257	0.55	0.34	12.2	0.248	2.02	3.3
M356065		486	187.0	0.002	5.02	74.7	8.6	1	14.3	125.0	0.45	0.44	13.0	0.192	2.41	4.9
M356066		67.5	102.5	<0.002	0.18	13.35	5.4	1	1.5	455	0.76	<0.05	9.7	0.269	1.91	6.6
M356067		67.0	94.6	<0.002	0.11	14.65	5.7	1	1.4	442	0.76	<0.05	9.5	0.274	1.98	6.1
M356068		31.2	65.6	<0.002	0.04	16.60	4.7	1	1.4	466	0.70	<0.05	8.6	0.318	1.11	3.1
M356069		28.5	72.5	<0.002	0.14	14.40	4.9	1	1.5	444	0.69	<0.05	8.8	0.317	1.05	3.3
M356070		22.9	61.4	<0.002	0.22	19.85	6.0	2	1.3	429	0.68	0.08	7.9	0.377	1.18	3.1
M356071		58.7	140.0	<0.002	1.62	23.4	7.4	2	2.4	212	0.56	0.26	11.4	0.234	2.18	4.1
M356072		261	125.5	0.002	3.95	12.80	9.4	4	4.8	186.5	0.32	0.46	9.9	0.190	1.71	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219219

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M356037		65	3.0	12.9	43	23.5
M356038		63	3.8	11.7	113	23.4
M356039		53	5.3	10.1	5250	24.6
M356040		65	5.7	12.0	128	23.8
M356041		63	2.2	12.9	51	23.7
M356042		59	5.3	12.7	108	24.2
M356043		2	0.1	0.8	15	<0.5
M356044		49	1.4	11.6	204	158.5
M356045		43	1.5	10.7	115	99.5
M356046		46	1.7	10.7	87	116.5
M356047		47	1.7	10.8	91	119.0
M356048		65	2.0	12.6	87	103.5
M356049		64	1.9	12.5	97	73.6
M356050		54	5.2	9.2	5240	23.2
M356051		66	2.0	11.8	96	73.0
M356052		71	1.3	13.3	75	95.8
M356053		55	9.0	10.9	179	40.6
M356054		1	0.1	0.8	14	0.5
M356055		12	1.1	14.1	43	55.6
M356056		15	1.2	14.7	57	55.6
M356057		14	1.4	14.4	41	51.2
M356058		70	5.9	12.8	76	24.2
M356059		57	7.2	10.7	100	18.9
M356060		55	5.3	9.9	242	17.6
M356061		71	3.4	11.6	155	22.5
M356062		65	2.4	12.3	194	19.8
M356063		69	2.3	11.9	209	20.0
M356064		74	2.9	12.5	118	21.9
M356065		59	5.2	8.7	454	28.7
M356066		50	2.0	11.7	90	87.0
M356067		52	1.9	11.8	103	88.5
M356068		53	1.1	7.9	89	163.5
M356069		52	1.2	8.2	86	166.5
M356070		68	1.3	10.3	130	181.5
M356071		61	3.9	10.6	137	63.3
M356072		63	4.8	10.8	97	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219219

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219351

Project: Klaza - 131

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-31	Pulverize split to 85% <75 um

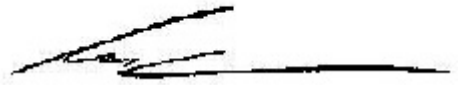
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219351

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354490		6.17	0.011	0.25	7.16	14.7	2330	1.36	0.55	2.80	0.15	52.4	6.7	24	16.45	87.2
M354491		5.80	<0.005	0.24	7.29	12.3	2360	1.38	0.56	2.60	0.98	53.1	7.3	15	10.70	32.3
M354492		6.12	<0.005	0.23	7.25	14.4	2250	1.41	0.80	2.51	0.16	54.3	8.0	19	9.60	27.8
M354493		7.51	0.046	0.29	6.89	10.5	2090	1.38	1.00	2.52	0.14	40.4	6.3	19	10.55	58.7
M354494		0.26	0.276	99.9	5.37	226	510	0.59	4.98	1.42	24.9	19.95	10.7	64	0.88	6070
M354495		6.59	0.008	0.71	7.01	29.6	2070	1.29	0.84	2.25	1.03	47.1	9.2	13	12.60	68.1
M354496		2.38	0.228	22.0	6.44	675	1390	1.34	4.03	2.62	17.60	46.2	9.2	16	16.80	156.0
M354497		6.95	<0.005	0.23	6.73	11.1	2090	1.44	0.40	2.61	0.28	49.4	6.9	14	14.55	21.7
M354498		3.99	<0.005	0.18	7.03	6.5	2050	1.49	0.43	2.53	0.10	49.5	6.4	16	15.65	24.1
M354499		4.06	0.073	1.17	6.72	139.0	2000	1.32	0.54	2.70	0.99	49.0	6.0	11	15.90	47.8
M354500		2.00	<0.005	0.01	0.09	5	20	0.06	0.02	19.75	0.06	1.16	1.5	<1	0.19	3.7
M354501		7.24	0.448	1.19	7.55	90.4	2070	1.18	1.26	1.60	0.38	51.7	8.2	11	14.60	158.5
M354502		5.12	<0.005	0.15	7.16	6.3	2260	1.38	0.55	2.40	0.15	50.9	7.0	15	15.40	26.6
M354503		2.49	<0.005	0.67	7.20	54.9	1920	1.57	0.57	3.20	0.30	46.6	8.6	9	22.2	16.6
M354504		0.99	<0.005	0.65	7.02	48.9	1230	1.63	0.51	2.98	0.27	46.0	9.2	15	22.1	19.2
M354505		6.90	<0.005	0.13	7.42	4.8	2090	1.48	0.42	2.44	0.10	51.3	6.5	12	13.95	16.4
M354506		7.05	<0.005	0.12	7.54	5.4	2260	1.52	0.44	2.73	0.11	47.8	7.1	15	10.90	16.7
M354507		6.54	<0.005	0.15	7.15	12.0	1980	1.43	0.44	2.42	0.10	46.6	8.9	11	13.70	39.2
M354508		2.73	0.082	1.99	7.00	32.6	2550	1.24	1.75	2.15	0.11	45.9	27.0	16	11.40	862
M354509		3.13	0.007	0.20	7.22	16.9	2240	1.47	0.50	2.43	0.11	49.8	10.4	15	12.60	70.0
M354510		2.21	0.040	1.14	6.94	179.5	1070	1.48	0.84	2.50	0.44	47.8	10.1	15	17.20	105.5
M354511		0.26	4.35	>100	5.30	6990	220	1.01	60.4	2.00	229	32.8	8.3	18	11.45	1295
M354512		7.72	0.007	0.33	7.14	25.8	2370	1.31	0.50	2.27	0.34	46.5	6.9	12	19.00	30.1
M354513		2.97	0.081	2.53	6.85	175.0	1630	1.51	0.74	3.12	1.00	44.3	13.9	16	19.45	267
M354514		3.20	0.052	0.45	6.98	139.5	1260	1.59	0.38	2.55	0.22	41.5	6.9	11	21.5	17.2
M354515		2.73	0.048	0.44	6.63	145.5	1830	1.60	0.50	2.68	0.52	44.9	8.0	21	18.05	28.0
M354516		7.36	<0.005	0.17	6.91	25.6	2540	1.45	0.55	2.67	0.16	42.4	7.4	12	19.85	25.7
M354517		7.04	<0.005	0.30	6.83	10.8	2160	1.61	0.51	2.72	0.37	47.3	7.6	16	16.60	26.9
M354518		6.50	<0.005	0.39	6.93	21.9	2280	1.42	0.47	2.38	1.16	41.7	8.1	11	16.40	26.8
M354519		2.65	1.250	>100	5.88	2050	550	1.20	0.62	2.59	110.5	42.4	10.9	14	13.55	229
M354520		3.76	<0.005	<0.01	0.16	<5	40	0.13	0.03	20.0	0.06	1.21	1.5	1	0.62	5.9
M354521		2.92	1.320	9.84	5.72	3230	1130	1.06	0.84	2.61	21.7	49.0	5.9	16	16.45	24.2
M354522		4.81	0.009	1.03	6.75	50.0	2180	1.50	39.0	2.75	0.36	45.2	8.6	10	22.9	173.5
M354523		6.74	0.015	1.16	6.95	75.1	2110	1.62	1.43	2.65	0.59	46.3	8.6	18	16.35	48.2
M354524		<0.02	0.014	1.00	6.97	67.7	2090	1.65	1.44	2.67	0.60	43.7	8.2	20	16.05	47.4
M354525		6.85	<0.005	0.22	7.27	31.2	2370	1.48	5.32	2.66	0.12	47.3	8.8	13	11.90	153.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354490		3.05	16.60	0.12	1.9	0.068	2.81	25.7	11.2	0.84	833	1.69	1.94	8.9	6.1	800
M354491		3.06	16.35	0.14	1.4	0.063	2.86	26.4	14.9	0.80	944	1.79	2.23	8.8	3.1	640
M354492		2.90	15.90	0.14	1.6	0.048	2.81	27.0	15.1	0.82	778	1.71	2.37	8.6	2.9	620
M354493		2.92	15.55	0.13	1.4	0.075	2.78	19.3	17.0	0.79	731	1.49	2.06	8.8	2.9	610
M354494		5.70	11.75	0.15	1.5	0.459	1.09	9.5	12.8	1.13	1740	23.9	1.62	3.5	27.8	480
M354495		3.00	16.35	0.13	1.5	0.079	2.76	22.7	22.1	0.76	746	1.62	1.66	8.7	3.0	620
M354496		3.39	14.85	0.13	1.2	0.305	2.58	23.4	20.9	0.84	1340	16.25	1.07	7.3	3.6	540
M354497		2.76	15.90	0.13	1.5	0.044	2.84	23.8	13.5	0.74	806	1.36	2.08	8.8	2.8	610
M354498		2.69	15.80	0.13	1.7	0.042	2.76	24.8	13.5	0.74	649	1.44	2.15	8.6	2.8	580
M354499		3.24	15.95	0.14	1.4	0.131	3.05	24.0	36.2	0.87	2220	1.12	1.14	8.3	3.2	600
M354500		0.46	0.44	0.28	<0.1	<0.005	0.04	0.6	1.1	13.00	204	0.23	0.01	0.4	1.3	170
M354501		3.33	17.00	0.14	1.4	0.120	3.45	26.4	29.0	0.59	1520	1.09	0.44	8.6	2.8	620
M354502		2.95	16.10	0.14	1.4	0.055	2.95	25.5	13.7	0.80	651	1.39	2.15	8.7	3.0	630
M354503		2.75	15.85	0.14	1.3	0.046	2.88	24.2	134.5	1.04	1740	2.37	0.08	8.1	3.0	590
M354504		2.67	16.00	0.13	1.4	0.049	3.06	23.1	132.0	0.92	1760	2.44	0.11	8.5	2.9	590
M354505		2.78	16.35	0.14	1.4	0.044	2.80	25.5	32.3	0.68	602	2.14	1.97	8.7	2.9	630
M354506		2.95	16.40	0.14	1.5	0.045	2.82	23.8	19.8	0.82	614	1.27	2.41	8.8	3.0	650
M354507		2.77	16.75	0.14	1.3	0.048	2.95	22.8	28.2	0.65	721	1.69	1.22	8.4	2.9	600
M354508		3.40	15.35	0.15	1.3	0.189	3.41	23.4	30.4	0.74	876	3.45	0.88	7.9	3.9	610
M354509		2.90	15.95	0.15	1.3	0.055	3.06	25.1	47.8	0.75	658	2.33	1.59	8.1	3.0	610
M354510		3.08	15.90	0.14	1.4	0.096	3.06	24.1	104.0	0.81	1900	2.21	0.14	8.0	3.1	590
M354511		7.99	12.45	0.20	1.1	4.90	2.27	16.5	30.5	0.64	3160	15.75	0.08	5.8	14.0	470
M354512		2.93	16.05	0.12	1.7	0.057	3.26	23.1	70.5	0.73	1120	1.11	0.26	8.8	2.8	620
M354513		3.06	14.80	0.13	1.2	0.095	3.58	22.8	68.6	0.94	2540	1.55	0.07	7.6	3.0	560
M354514		2.62	15.95	0.13	1.3	0.042	2.95	20.6	181.0	0.81	1420	1.75	0.07	8.3	2.9	620
M354515		2.84	15.85	0.13	1.3	0.057	3.37	22.1	24.7	0.75	1280	3.29	1.19	8.3	3.0	590
M354516		2.85	16.00	0.13	1.4	0.042	2.85	20.5	20.7	0.73	731	20.5	1.63	8.3	2.8	630
M354517		2.77	16.15	0.14	1.8	0.045	2.86	22.5	36.3	0.76	732	6.59	1.81	9.3	2.9	610
M354518		2.85	15.40	0.14	1.6	0.049	2.70	20.5	25.8	0.69	730	1.86	1.39	8.5	2.8	610
M354519		4.08	14.25	0.15	1.2	0.256	2.48	22.7	45.6	0.86	5580	7.72	0.04	7.0	2.7	500
M354520		0.47	0.68	0.35	<0.1	0.005	0.07	0.6	2.2	13.25	208	0.13	0.01	0.3	1.3	200
M354521		2.98	12.50	0.11	0.9	0.057	1.57	27.2	184.5	0.92	2060	3.17	0.02	6.3	2.7	540
M354522		3.02	16.50	0.14	1.3	0.068	2.70	21.1	80.0	0.86	862	2.16	1.39	9.6	3.1	680
M354523		3.08	16.35	0.14	1.2	0.045	2.58	22.0	33.7	0.82	827	1.72	1.85	9.5	3.3	690
M354524		3.02	16.20	0.14	1.2	0.048	2.59	21.1	33.6	0.81	820	1.89	1.84	9.4	3.8	690
M354525		3.07	16.25	0.14	1.2	0.052	2.64	23.2	21.1	0.83	636	1.43	2.25	8.3	3.2	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354490		20.8	110.5	<0.002	0.07	4.67	10.1	2	2.1	402	0.63	<0.05	10.1	0.299	1.25	3.4
M354491		52.2	118.5	<0.002	0.08	2.75	10.3	1	2.1	367	0.66	<0.05	12.4	0.270	1.24	4.0
M354492		22.0	118.5	<0.002	0.08	2.17	10.3	2	2.4	370	0.69	<0.05	14.6	0.257	1.15	4.5
M354493		19.7	110.5	<0.002	0.04	3.20	10.0	1	2.4	326	0.72	<0.05	12.9	0.259	1.15	4.3
M354494		9820	28.6	0.010	2.34	450	11.2	3	2.0	188.5	0.22	1.08	2.1	0.248	0.48	1.5
M354495		68.8	105.5	<0.002	0.11	8.22	10.8	2	3.0	269	0.70	<0.05	12.8	0.267	1.16	4.6
M354496		4600	116.5	0.002	1.27	66.4	9.3	2	3.0	237	0.57	0.21	11.8	0.231	1.59	5.6
M354497		49.6	117.5	<0.002	0.04	2.76	9.8	1	1.9	342	0.73	<0.05	12.7	0.257	1.30	4.4
M354498		20.5	120.5	<0.002	0.01	2.00	10.1	2	1.7	359	0.74	<0.05	14.1	0.250	1.23	4.8
M354499		74.8	137.5	<0.002	0.37	21.0	10.4	2	2.1	220	0.65	<0.05	12.2	0.254	1.77	5.3
M354500		1.5	1.8	<0.002	<0.01	0.05	0.4	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354501		36.5	168.5	<0.002	0.59	20.4	10.0	1	2.6	146.0	0.69	0.08	14.8	0.258	1.95	4.1
M354502		17.6	127.5	<0.002	0.03	4.54	10.7	1	2.2	345	0.70	<0.05	13.5	0.265	1.35	4.6
M354503		30.5	120.5	<0.002	0.46	18.35	9.9	1	2.7	211	0.65	<0.05	12.8	0.250	2.32	5.5
M354504		26.5	119.5	<0.002	0.40	19.00	9.9	2	3.3	192.5	0.67	<0.05	12.3	0.261	2.30	4.3
M354505		15.7	111.5	<0.002	0.03	5.03	10.8	2	2.0	335	0.71	<0.05	13.9	0.263	1.16	4.1
M354506		16.2	107.5	<0.002	0.04	1.86	11.0	2	2.1	409	0.70	<0.05	13.5	0.272	1.07	4.5
M354507		15.2	107.0	<0.002	0.14	10.10	10.3	1	2.3	244	0.68	<0.05	12.3	0.261	1.32	3.5
M354508		14.6	134.5	<0.002	0.61	11.00	10.0	2	3.3	194.5	0.62	0.09	12.8	0.247	1.73	3.5
M354509		15.5	121.0	<0.002	0.23	6.81	10.7	2	2.3	296	0.59	<0.05	14.7	0.257	1.45	3.6
M354510		26.5	126.0	<0.002	1.00	50.8	9.9	1	2.3	151.5	0.62	<0.05	13.7	0.248	1.99	6.4
M354511		9660	129.5	0.002	7.39	229	6.7	3	9.0	120.0	0.43	0.51	8.2	0.189	2.09	5.1
M354512		20.0	126.0	<0.002	0.25	21.6	10.0	1	2.1	151.0	0.75	<0.05	12.9	0.265	1.78	4.6
M354513		92.4	149.0	<0.002	1.26	94.9	9.0	1	2.1	158.0	0.65	<0.05	11.8	0.231	2.56	4.9
M354514		18.4	115.0	<0.002	0.50	20.9	10.3	2	2.0	177.5	0.65	<0.05	12.0	0.256	2.05	4.1
M354515		31.6	138.0	<0.002	0.33	12.95	9.5	1	2.1	260	0.63	<0.05	12.7	0.247	2.03	3.9
M354516		17.9	114.5	<0.002	0.18	5.71	10.2	1	2.3	327	0.63	<0.05	11.1	0.259	1.57	3.7
M354517		23.9	110.5	<0.002	0.12	5.85	9.8	1	2.2	336	0.86	<0.05	13.0	0.255	1.40	5.0
M354518		38.4	107.5	<0.002	0.13	9.92	9.9	2	1.8	288	0.64	<0.05	12.3	0.260	1.31	4.2
M354519		3960	139.5	<0.002	2.83	316	8.7	2	10.7	122.5	0.58	0.05	10.9	0.208	2.10	8.2
M354520		1.4	4.4	<0.002	<0.01	0.06	0.6	1	<0.2	42.8	<0.05	<0.05	<0.2	0.007	0.03	0.4
M354521		1030	91.5	<0.002	1.29	68.9	8.0	1	4.1	275	0.41	<0.05	13.0	0.209	1.63	8.0
M354522		27.1	122.0	<0.002	0.36	82.2	10.8	2	3.8	326	0.84	0.24	10.6	0.283	1.83	5.1
M354523		35.9	115.0	<0.002	0.41	14.45	11.1	2	2.9	358	0.86	<0.05	10.1	0.285	1.48	4.7
M354524		34.0	112.5	<0.002	0.38	12.95	11.1	2	2.9	357	0.93	<0.05	10.1	0.286	1.46	4.8
M354525		17.4	110.0	<0.002	0.28	2.61	11.0	2	2.7	388	0.63	<0.05	11.4	0.272	1.33	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219351

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354490		77	2.2	14.9	62	57.1	<1	
M354491		74	2.0	16.1	130	36.9	<1	
M354492		70	1.4	16.9	58	41.6	<1	
M354493		71	3.3	15.4	49	35.2	<1	
M354494		80	0.6	13.9	5030	47.4	100	
M354495		76	3.3	15.8	117	40.4	<1	
M354496		69	6.0	14.5	1170	29.7	23	
M354497		71	1.8	16.0	64	38.8	<1	
M354498		68	1.4	16.4	46	42.4	<1	
M354499		73	2.8	15.7	172	35.8	1	
M354500		3	0.1	0.9	14	0.5	<1	
M354501		71	5.7	14.9	86	38.7	1	
M354502		74	2.3	16.7	48	38.5	<1	
M354503		69	4.1	15.6	54	35.8	1	
M354504		71	3.8	15.1	51	38.4	<1	
M354505		72	1.7	15.6	46	37.0	<1	
M354506		76	1.4	16.7	44	39.0	<1	
M354507		72	3.1	15.0	46	36.0	<1	
M354508		68	5.8	13.2	55	35.7	1	
M354509		71	2.7	14.5	47	37.2	<1	
M354510		70	5.0	13.3	68	38.9	1	
M354511		55	4.3	8.4	>10000	30.9	121	1.620
M354512		73	4.6	15.0	84	44.4	<1	
M354513		64	5.4	14.4	148	30.4	2	
M354514		71	3.7	14.6	55	33.4	<1	
M354515		69	3.6	13.6	101	34.3	<1	
M354516		71	2.9	14.4	52	39.4	<1	
M354517		69	2.7	15.7	68	46.8	<1	
M354518		70	2.5	14.3	120	44.0	<1	
M354519		58	5.0	12.8	6970	30.0	207	
M354520		4	0.1	0.9	16	<0.5	<1	
M354521		58	3.5	12.2	1430	23.4	10	
M354522		80	3.5	17.0	81	30.3	<1	
M354523		81	2.9	16.3	83	29.1	<1	
M354524		79	2.8	16.2	84	28.0	<1	
M354525		75	3.4	15.0	52	30.2	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219351

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219352

Project: Klaza - 131

P.O. No.: Batch 4

This report is for 24 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

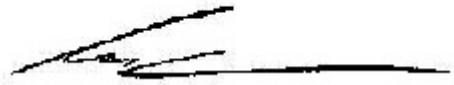
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219352

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354526		6.90	<0.005	0.15	6.86	13.0	2330	1.49	1.10	2.64	0.13	40.5	8.0	12	7.67	32.5
M354527		7.46	<0.005	0.14	6.77	10.3	2210	1.49	0.56	2.60	0.12	43.6	7.4	11	7.52	25.8
M354528		0.26	4.64	>100	5.08	8110	280	1.11	56.0	1.89	221	31.9	9.1	17	11.85	1265
M354529		7.59	<0.005	0.18	6.77	11.9	2040	1.41	0.74	2.22	0.20	41.8	7.3	10	15.60	16.3
M354530		6.91	0.008	0.21	6.99	10.2	2510	1.38	1.30	2.60	0.11	41.1	8.1	13	16.30	42.8
M354531		7.99	<0.005	0.14	7.29	11.8	2490	1.48	1.37	2.99	0.16	43.8	9.5	11	8.66	15.5
M354532		8.07	<0.005	0.24	7.08	35.5	2410	1.51	1.28	2.67	0.19	45.7	7.8	12	7.71	33.5
M354533		2.83	0.027	0.51	6.94	29.0	2300	1.45	1.65	2.58	0.12	45.0	21.7	9	10.85	27.7
M354534		3.16	<0.005	0.01	0.06	<5	30	<0.05	0.05	21.4	0.07	1.29	1.0	<1	0.15	1.5
M354535		8.22	<0.005	0.23	6.70	22.2	1780	1.40	1.89	3.14	0.22	40.2	7.3	9	16.10	19.5
M354536		5.13	<0.005	0.15	6.85	17.5	2440	1.41	0.48	3.04	0.14	41.3	7.8	9	14.85	16.8
M354537		2.77	<0.005	0.16	6.95	11.3	2460	1.51	0.76	2.80	0.12	42.2	8.2	8	13.60	16.6
M354538		7.84	<0.005	0.13	6.82	6.4	2370	1.47	0.40	2.85	0.12	43.2	7.4	9	12.15	12.9
M354539		7.97	<0.005	0.42	7.02	11.5	2340	1.44	0.53	2.68	0.24	43.1	7.7	9	9.51	89.3
M354540		7.89	0.006	0.19	6.85	6.3	2300	1.37	0.22	2.52	0.21	43.1	7.3	10	8.10	27.3
M354541		0.26	4.31	>100	5.05	8140	230	1.11	55.6	1.85	220	30.3	9.2	16	11.75	1255
M354542		7.32	0.006	0.63	6.55	11.2	2470	1.41	0.48	2.44	1.20	40.0	7.4	8	12.60	76.4
M354543		2.93	0.545	46.0	5.86	1260	1070	1.32	1.58	1.81	56.0	40.4	8.2	7	17.05	229
M354544		3.19	<0.005	0.08	0.07	8	20	0.06	0.03	20.6	0.15	1.54	1.1	<1	0.29	2.3
M354545		5.52	0.005	0.53	7.06	13.2	2020	1.09	0.76	1.61	0.70	39.1	6.6	7	16.50	35.5
M354546		7.13	<0.005	0.23	6.76	10.0	2240	1.51	0.46	2.82	0.20	40.8	8.7	9	17.60	24.0
M354547		2.46	0.009	0.31	6.81	72.7	1190	1.54	0.40	3.72	0.36	40.5	7.8	5	28.0	19.2
M354548		3.19	0.334	6.06	6.37	320	640	1.45	3.49	2.54	54.5	38.7	10.2	6	19.45	172.0
M354549		7.22	<0.005	0.23	7.08	20.7	2260	1.58	0.50	2.64	0.20	41.8	8.2	9	13.00	37.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219352

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354526		3.01	17.45	0.09	1.1	0.046	2.57	18.3	18.1	0.89	721	1.15	2.26	8.6	3.1	630
M354527		2.90	17.30	0.09	1.4	0.048	2.66	19.7	16.1	0.80	704	0.92	2.26	9.0	3.0	590
M354528		7.88	13.85	0.10	1.1	4.98	2.23	15.2	33.3	0.61	3070	14.70	0.08	6.0	14.6	430
M354529		2.81	17.10	0.07	1.4	0.059	2.72	19.6	51.0	0.66	756	0.76	1.48	8.7	2.8	600
M354530		2.96	17.05	0.09	1.2	0.052	2.53	19.3	22.2	0.78	667	0.92	1.93	8.4	3.0	620
M354531		3.23	18.70	0.10	1.0	0.046	2.38	19.5	18.3	0.95	763	8.84	2.43	9.2	3.3	690
M354532		3.11	17.75	0.09	1.1	0.046	2.42	21.4	18.7	0.85	672	3.04	2.30	8.8	3.0	610
M354533		3.27	17.95	0.10	1.3	0.076	2.61	20.7	21.2	0.76	712	3.77	1.94	8.9	3.1	630
M354534		0.46	0.30	0.14	<0.1	<0.005	0.02	0.6	1.1	13.05	210	0.10	0.01	0.3	1.9	170
M354535		2.97	16.05	0.08	1.2	0.047	2.36	18.7	126.5	0.98	844	3.35	1.16	8.4	2.7	570
M354536		3.03	17.20	0.09	1.2	0.047	2.69	18.4	18.6	0.81	908	1.99	2.03	9.0	3.3	630
M354537		3.11	17.75	0.09	1.2	0.048	2.59	19.1	20.4	0.81	784	2.84	2.10	9.4	3.0	620
M354538		2.88	17.20	0.08	1.2	0.046	2.47	19.4	19.5	0.74	680	1.22	2.19	8.7	2.8	600
M354539		2.85	17.30	0.10	1.3	0.060	2.64	19.6	18.0	0.77	847	0.74	2.13	8.6	2.7	570
M354540		2.83	16.65	0.09	1.1	0.057	2.56	20.3	14.6	0.79	727	24.2	2.12	8.7	2.8	560
M354541		7.83	13.70	0.08	1.1	4.84	2.20	14.3	33.0	0.60	3010	14.20	0.08	5.9	14.5	430
M354542		2.90	16.55	0.07	1.1	0.092	3.07	18.5	15.1	0.70	857	9.29	1.77	8.3	2.5	540
M354543		2.77	14.15	0.06	0.9	0.523	2.45	20.8	73.5	0.63	3040	3.62	0.08	6.5	3.5	440
M354544		0.45	0.34	0.11	<0.1	0.006	0.03	0.7	1.3	12.45	210	0.24	0.01	0.3	1.7	170
M354545		2.77	16.20	0.08	1.1	0.049	2.59	18.5	48.3	0.64	1120	0.71	0.14	8.0	2.7	560
M354546		3.04	17.40	0.08	1.2	0.052	2.69	18.6	20.6	0.79	776	5.53	1.78	9.1	3.1	710
M354547		2.49	16.70	0.18	1.0	0.048	3.16	21.8	43.5	0.93	1760	3.90	0.08	7.9	2.4	550
M354548		4.77	15.95	0.18	0.9	1.230	3.32	20.7	15.7	0.74	2990	22.7	0.04	7.6	2.6	530
M354549		3.07	18.20	0.19	1.0	0.051	2.80	20.8	17.6	0.79	905	2.02	1.95	8.9	2.8	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219352

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354526		17.3	106.0	<0.002	0.16	1.69	12.6	1	2.4	415	0.56	<0.05	10.3	0.273	1.21	3.3
M354527		17.7	110.5	<0.002	0.08	2.16	11.5	1	2.2	385	0.70	<0.05	12.0	0.252	1.14	4.1
M354528		9670	143.0	<0.002	6.90	223	8.3	2	9.2	123.5	0.44	0.51	8.0	0.182	2.05	5.3
M354529		18.0	118.0	<0.002	0.08	8.36	12.0	1	2.7	288	0.72	<0.05	10.4	0.253	1.35	3.9
M354530		15.4	101.0	<0.002	0.11	3.58	12.4	1	2.6	389	0.55	<0.05	9.1	0.267	1.25	3.0
M354531		16.6	101.5	<0.002	0.04	1.78	14.2	1	2.8	479	0.57	<0.05	7.7	0.305	1.13	2.7
M354532		19.4	107.0	<0.002	0.18	1.85	12.6	1	2.9	443	0.63	<0.05	10.4	0.270	1.19	3.7
M354533		15.8	114.0	<0.002	0.33	2.28	12.5	1	3.0	370	0.65	0.07	10.8	0.266	1.35	3.9
M354534		1.4	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354535		17.1	92.4	<0.002	0.15	13.40	10.6	1	3.0	308	0.61	<0.05	10.5	0.257	1.32	4.0
M354536		17.5	110.5	<0.002	0.10	2.72	11.7	1	2.7	403	0.63	<0.05	9.9	0.270	1.38	3.4
M354537		16.0	111.0	<0.002	0.10	2.10	12.4	1	2.8	404	0.66	<0.05	10.3	0.271	1.30	3.7
M354538		16.1	104.5	<0.002	0.04	1.33	11.9	1	2.4	413	0.61	<0.05	10.3	0.258	1.14	3.4
M354539		23.3	102.5	<0.002	0.06	2.24	11.9	1	2.1	387	0.64	<0.05	10.5	0.253	1.17	3.6
M354540		21.1	111.5	0.003	0.03	2.01	11.8	1	1.8	378	0.64	<0.05	10.7	0.250	1.05	3.8
M354541		9640	140.5	0.002	6.84	218	8.3	2	9.0	121.0	0.43	0.52	7.6	0.180	2.04	5.2
M354542		422	127.5	<0.002	0.11	5.55	11.0	1	1.8	340	0.65	<0.05	10.7	0.243	1.49	3.7
M354543		4170	132.5	<0.002	1.55	222	10.2	1	2.5	117.5	0.44	<0.05	9.7	0.205	1.92	4.6
M354544		7.1	2.2	<0.002	<0.01	0.35	0.3	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M354545		49.2	101.0	<0.002	0.12	28.0	10.8	1	2.1	128.5	0.59	<0.05	10.2	0.248	1.40	3.1
M354546		21.2	114.0	<0.002	0.07	6.22	12.9	1	2.4	383	0.63	<0.05	10.0	0.275	1.43	3.1
M354547		21.0	120.0	<0.002	0.47	17.40	10.3	1	2.3	229	0.58	<0.05	11.0	0.238	2.61	3.7
M354548		1510	185.5	<0.002	3.08	54.1	10.4	2	2.7	118.5	0.56	0.22	10.0	0.231	2.75	4.5
M354549		22.4	118.0	<0.002	0.20	7.00	11.9	1	2.3	373	0.68	<0.05	10.7	0.264	1.39	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219352

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354526		77	1.9	15.3	59	28.8		
M354527		71	1.0	15.4	55	32.3		
M354528		53	4.2	9.1	>10000	31.2	119	1.605
M354529		73	2.5	14.8	60	34.4		
M354530		75	4.3	14.7	52	30.8		
M354531		86	3.8	16.8	61	24.7		
M354532		74	1.8	16.0	59	25.6		
M354533		73	3.9	15.5	55	29.7		
M354534		3	0.1	0.8	17	<0.5		
M354535		71	3.9	15.0	65	28.0		
M354536		76	5.3	15.6	56	30.4		
M354537		75	4.5	16.4	55	31.5		
M354538		71	3.5	15.4	53	28.9		
M354539		69	2.6	15.8	71	29.2		
M354540		69	2.2	15.8	64	26.2		
M354541		52	4.1	8.8	>10000	30.7	117	1.585
M354542		66	8.0	14.0	155	26.1		
M354543		58	4.3	11.6	6250	21.1		
M354544		3	0.1	0.9	26	<0.5		
M354545		68	3.1	13.5	115	24.6		
M354546		79	4.3	15.4	64	28.4		
M354547		66	4.9	14.5	62	24.8		
M354548		65	7.7	12.9	5540	20.4		
M354549		74	5.8	16.9	64	24.9		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza - 131

CERTIFICATE OF ANALYSIS WH12219352

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219353

Project: Klaza - 132

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

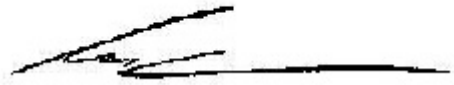
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219353

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356676		2.86	0.116	5.60	6.72	130.0	120	1.44	4.83	0.99	17.20	45.9	7.7	8	10.10	410
M356677		7.23	0.144	2.36	7.18	98.6	240	1.50	4.35	1.46	2.82	46.9	6.0	7	10.95	734
M356678		4.85	0.064	0.90	7.31	61.8	200	1.40	1.37	1.40	2.43	42.8	7.8	9	12.85	416
M356679		3.11	0.047	1.05	7.46	76.3	650	1.42	0.64	2.36	0.82	51.3	7.7	7	14.20	454
M356680		1.69	0.046	1.01	7.46	52.4	580	1.35	0.98	2.00	0.68	45.2	8.6	6	12.80	482
M356681		2.93	0.067	2.77	6.83	102.5	310	1.19	3.08	1.36	5.18	48.5	8.3	6	10.05	590
M356682		1.50	<0.005	0.04	0.10	<5	30	0.05	0.01	21.3	0.09	1.38	0.7	<1	0.27	5.8
M356683		3.74	0.057	1.07	7.31	39.5	170	1.39	1.61	1.68	0.66	42.9	6.1	8	12.20	298
M356684		6.27	0.038	0.81	7.21	17.9	190	1.40	1.03	2.22	0.77	44.7	7.0	7	12.95	351
M356685		2.50	0.113	1.03	7.12	44.8	210	1.38	1.37	1.81	0.39	48.2	9.2	7	11.75	778
M356686		6.59	0.078	0.99	7.37	25.9	300	1.65	1.00	2.27	0.34	42.6	8.3	7	13.80	577
M356687		3.63	0.041	1.25	7.32	49.8	410	1.53	0.94	1.93	1.43	48.8	6.3	6	18.55	354
M356688		2.82	0.165	9.83	5.96	205	170	1.22	5.80	2.18	106.5	31.8	7.8	5	9.41	979
M356689		2.93	<0.005	0.04	0.08	<5	20	0.06	0.02	20.2	0.32	1.06	0.6	<1	0.44	6.5
M356690		5.50	0.039	1.02	7.30	34.8	180	1.39	1.47	1.83	0.95	34.3	6.2	7	13.20	410
M356691		3.16	0.055	1.79	7.23	13.8	310	1.29	2.65	2.37	0.95	34.5	10.0	8	13.55	487
M356692		3.55	0.065	0.81	7.09	18.5	560	1.55	0.78	2.14	0.27	38.3	8.1	8	12.10	598
M356693		6.68	0.034	0.74	7.23	12.8	450	1.61	0.94	2.23	0.42	42.7	7.6	8	12.50	534
M356694		<0.02	0.030	0.78	7.20	13.2	390	1.48	0.93	2.21	0.44	44.9	8.2	8	12.90	517
M356695		9.48	0.044	0.79	7.03	22.0	400	1.37	1.15	2.01	0.88	49.6	11.1	10	13.80	325
M356696		8.39	0.045	0.84	6.93	38.6	950	1.56	0.92	2.12	4.22	50.4	6.8	9	16.35	372
M356697		4.11	0.068	1.33	7.11	31.6	760	1.48	1.65	1.78	0.79	52.3	10.0	9	15.35	320
M356698		5.99	0.057	3.28	7.08	44.0	900	1.47	3.79	1.94	6.93	51.6	8.7	7	19.15	407
M356699		2.44	0.065	2.37	6.89	38.9	580	1.41	1.46	1.61	26.9	51.2	10.0	7	14.70	397
M356700		4.00	0.025	1.56	7.00	26.7	400	1.52	1.75	1.65	10.10	52.8	7.2	7	13.40	248
M356701		0.26	0.285	99.3	5.31	197.0	600	0.76	5.15	1.38	24.1	19.60	12.6	62	0.94	6080
M356702		3.06	0.039	1.95	6.88	36.4	500	1.65	0.78	2.21	5.64	49.2	7.9	7	16.35	493
M356703		5.38	0.078	1.39	7.09	24.8	430	1.45	1.15	2.03	0.52	50.4	8.0	8	14.20	558
M356704		2.76	0.038	2.36	5.53	31.8	1010	1.05	2.28	1.49	2.45	41.2	9.7	17	11.20	272
M356705		6.05	0.034	1.45	7.25	17.5	620	1.43	1.39	2.22	1.70	51.4	9.9	7	16.10	477
M356706		2.74	0.035	1.50	6.96	20.2	910	1.36	1.52	1.95	2.72	45.6	9.6	8	13.40	439
M356707		5.58	0.027	1.29	7.33	28.3	620	1.57	1.25	1.85	2.03	53.8	10.8	6	19.05	349
M356708		3.50	0.037	0.65	8.20	19.8	600	2.17	0.69	2.02	2.34	45.5	19.5	11	14.95	596
M356709		7.84	0.038	1.44	7.72	53.1	580	1.70	1.19	2.54	1.46	50.2	12.5	7	23.3	377
M356710		0.26	0.274	99.7	5.35	192.5	600	0.69	5.14	1.43	24.4	20.1	12.8	65	0.96	6200
M356711		3.76	0.049	2.24	6.88	56.2	620	1.70	1.41	1.72	8.32	55.6	7.3	6	19.40	705

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219353

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356676		5.97	14.45	0.12	0.9	0.382	3.18	23.9	9.8	0.66	836	17.35	0.05	2.5	2.7	480
M356677		4.49	15.80	0.11	0.8	0.130	3.46	24.2	8.1	0.86	736	4.32	0.05	3.3	2.4	520
M356678		4.09	15.30	0.09	0.8	0.039	3.37	22.0	8.9	0.83	303	11.90	0.04	3.3	2.5	560
M356679		3.24	15.40	0.12	0.7	0.023	3.63	26.1	7.7	1.14	492	3.09	0.05	3.3	3.2	610
M356680		3.38	13.90	0.10	0.7	0.053	3.60	24.2	9.2	1.02	329	3.23	0.05	3.0	2.5	570
M356681		4.49	14.00	0.12	0.6	0.245	3.26	27.0	11.0	0.79	488	38.3	0.05	2.3	2.8	510
M356682		0.53	0.28	0.05	<0.1	<0.005	0.04	0.7	1.0	13.45	237	0.26	0.01	0.2	1.5	200
M356683		3.99	14.65	0.13	0.7	0.086	3.41	22.0	13.5	0.83	542	4.25	0.09	3.1	2.3	570
M356684		3.72	14.45	0.12	0.7	0.039	3.08	23.1	13.7	0.82	316	4.89	0.57	3.6	2.2	530
M356685		4.25	16.25	0.11	0.6	0.077	3.25	24.0	12.3	0.77	200	5.03	0.38	3.8	2.6	550
M356686		3.28	16.50	0.10	0.7	0.060	3.03	21.4	16.1	0.69	286	6.75	1.01	4.3	2.5	570
M356687		3.50	15.50	0.13	0.7	0.081	3.30	26.3	11.1	0.94	711	1.79	0.04	4.0	2.2	540
M356688		6.60	13.55	0.11	0.5	0.726	2.86	17.8	10.3	1.05	2100	5.89	0.04	3.5	2.2	440
M356689		0.46	0.28	0.05	<0.1	<0.005	0.04	0.5	1.1	12.70	213	0.17	<0.01	0.2	1.2	160
M356690		4.03	14.75	0.10	0.6	0.081	3.29	17.7	14.2	0.79	339	2.90	0.44	4.1	2.4	590
M356691		3.77	15.55	0.09	0.7	0.084	3.08	16.4	18.7	0.92	366	5.70	1.09	4.8	2.8	740
M356692		2.38	15.10	0.09	0.7	0.059	3.07	20.2	33.1	0.64	167	5.86	1.34	4.1	2.3	540
M356693		2.94	14.90	0.10	0.8	0.033	2.88	21.5	18.9	0.75	212	3.99	1.34	5.1	2.3	560
M356694		3.05	15.05	0.09	0.8	0.041	2.85	22.9	18.6	0.78	204	6.08	1.31	5.0	2.3	570
M356695		3.44	15.40	0.13	1.0	0.087	3.03	26.0	15.5	0.76	300	4.24	0.66	5.1	3.1	540
M356696		2.57	15.60	0.15	1.0	0.079	2.97	26.9	20.2	0.76	379	18.90	0.39	5.0	2.3	560
M356697		4.51	15.75	0.17	1.0	0.115	3.26	27.5	10.4	0.83	421	3.18	0.08	4.2	3.0	590
M356698		3.37	15.65	0.17	0.9	0.092	3.20	27.1	10.5	0.77	464	6.25	0.08	4.8	2.5	580
M356699		4.48	14.95	0.16	0.9	0.218	3.17	28.2	10.5	0.79	756	3.39	0.05	4.0	2.6	540
M356700		4.01	14.65	0.15	1.0	0.152	3.29	28.4	8.6	0.79	665	3.05	0.05	4.7	2.3	540
M356701		5.75	11.70	0.10	1.7	0.438	1.11	9.5	12.5	1.09	1720	22.5	1.57	3.6	29.7	440
M356702		3.21	15.40	0.15	1.0	0.107	3.07	25.8	30.9	0.79	700	2.32	0.31	5.6	2.2	520
M356703		3.52	15.55	0.14	1.1	0.113	3.19	25.9	22.5	0.81	372	4.85	0.61	5.0	2.4	560
M356704		8.94	11.85	0.16	0.7	0.108	2.53	22.0	20.4	0.74	435	5.06	0.19	2.8	2.9	500
M356705		3.49	16.55	0.16	1.2	0.124	3.09	27.5	17.2	0.90	481	9.57	0.35	5.1	2.3	550
M356706		3.85	15.80	0.15	1.1	0.135	3.11	24.9	14.0	0.82	428	13.00	0.47	4.8	2.3	530
M356707		3.49	16.90	0.16	1.2	0.081	3.00	29.3	20.9	0.80	514	3.95	0.05	5.5	2.5	570
M356708		5.03	19.95	0.15	1.3	0.036	1.96	21.8	49.7	1.14	586	5.31	0.05	4.7	4.3	1150
M356709		5.53	18.70	0.17	1.4	0.055	3.17	24.7	17.5	1.04	1080	4.39	0.06	5.6	2.3	1100
M356710		5.84	11.75	0.11	1.7	0.444	1.11	9.7	13.1	1.11	1760	22.1	1.58	3.8	32.2	460
M356711		4.07	15.80	0.15	1.1	0.124	3.20	30.2	16.3	0.72	885	5.03	0.07	5.7	2.2	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219353

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356676		476	158.0	0.002	6.17	59.6	8.0	3	9.7	63.1	0.31	0.22	18.2	0.107	2.43	3.1
M356677		128.0	175.0	0.012	4.33	25.3	8.9	3	8.3	45.5	0.34	0.20	13.7	0.141	2.90	3.1
M356678		81.2	168.0	0.010	3.90	6.07	9.3	4	7.6	51.6	0.33	0.19	13.8	0.145	2.95	2.4
M356679		32.8	148.5	0.005	2.57	13.15	9.6	3	5.4	47.6	0.29	<0.05	13.1	0.165	2.74	2.9
M356680		35.4	148.5	0.004	2.84	32.3	9.2	4	6.3	32.9	0.27	0.05	13.3	0.161	2.71	3.2
M356681		159.0	167.5	0.034	4.11	111.5	8.7	4	9.0	25.8	0.22	0.11	12.4	0.125	2.72	2.6
M356682		2.0	2.1	<0.002	0.01	0.51	0.3	1	<0.2	40.3	<0.05	<0.05	0.2	0.005	0.03	0.5
M356683		38.4	135.0	0.004	3.56	15.60	9.2	5	6.9	86.1	0.28	0.27	12.8	0.158	2.51	3.4
M356684		30.5	128.5	0.003	3.22	2.45	9.4	4	5.8	200	0.31	0.12	12.4	0.162	2.10	3.0
M356685		21.5	150.5	0.006	3.63	2.28	9.8	3	7.0	128.5	0.32	0.18	12.2	0.171	2.19	3.4
M356686		23.1	121.5	0.009	2.32	3.48	9.9	3	4.7	387	0.37	0.07	11.9	0.185	2.19	4.0
M356687		71.9	156.0	0.002	2.85	25.8	9.6	3	4.3	52.5	0.35	0.08	13.8	0.169	2.83	3.7
M356688		3250	136.0	0.004	6.99	40.2	9.6	4	23.3	40.3	0.30	0.30	11.7	0.143	2.15	2.5
M356689		9.0	2.8	<0.002	0.01	0.20	0.3	<1	0.2	36.5	<0.05	<0.05	0.2	<0.005	0.02	0.8
M356690		44.8	142.5	0.002	3.50	5.41	10.0	3	5.5	182.5	0.36	0.17	13.0	0.167	2.33	4.1
M356691		51.0	117.5	0.010	2.74	1.29	11.8	3	5.1	2300	0.41	0.09	10.5	0.243	2.09	3.0
M356692		16.7	105.5	0.007	1.92	1.25	9.5	1	3.9	1210	0.35	0.08	11.4	0.175	1.78	3.7
M356693		21.4	110.0	0.010	2.20	0.97	9.2	2	3.7	1250	0.45	0.16	12.0	0.197	1.81	3.6
M356694		21.4	111.5	0.007	2.36	0.95	9.6	3	3.8	1185	0.43	0.16	12.4	0.198	1.89	3.7
M356695		41.2	138.0	0.004	2.62	3.78	10.5	3	5.2	376	0.45	0.15	12.7	0.166	2.08	4.6
M356696		131.0	129.5	0.018	1.70	9.56	10.8	2	3.9	163.5	0.46	0.05	13.3	0.175	2.30	4.3
M356697		44.6	166.0	0.004	3.85	3.48	11.6	4	6.1	76.3	0.38	0.13	13.7	0.168	2.48	4.1
M356698		326	142.5	0.007	2.48	7.00	10.7	3	4.0	83.3	0.42	0.10	13.2	0.174	2.62	3.8
M356699		867	149.0	0.004	3.94	7.15	10.7	4	6.1	42.5	0.34	0.14	13.4	0.147	2.36	3.4
M356700		232	143.5	0.003	3.52	5.15	10.2	4	6.4	54.7	0.42	0.24	13.9	0.158	2.43	4.0
M356701		>10000	28.1	0.011	2.23	445	12.3	4	1.9	185.5	0.23	1.11	2.0	0.236	0.50	1.3
M356702		265	131.0	0.002	2.28	3.95	10.2	3	5.9	171.0	0.48	0.08	13.3	0.177	2.40	4.7
M356703		32.3	137.0	0.005	2.83	2.34	10.5	3	6.0	239	0.44	0.12	13.0	0.171	2.21	4.3
M356704		219	109.0	0.005	9.51	3.47	9.8	7	5.8	96.1	0.21	0.27	8.7	0.129	1.65	3.2
M356705		83.4	141.5	0.007	2.49	5.09	10.2	3	6.7	125.0	0.46	0.16	14.3	0.169	2.20	5.0
M356706		86.2	145.0	0.010	3.05	5.27	10.0	4	8.6	153.0	0.46	0.20	14.0	0.163	2.16	4.4
M356707		62.4	155.5	0.004	2.56	7.11	11.1	4	6.0	73.1	0.55	0.25	15.0	0.172	2.54	3.2
M356708		21.6	80.1	0.006	2.55	4.51	16.0	4	5.7	91.6	0.35	0.12	7.8	0.358	1.79	5.8
M356709		28.1	160.0	0.003	4.60	8.53	15.2	5	6.7	107.5	0.40	0.27	8.5	0.372	2.74	3.7
M356710		>10000	28.2	0.011	2.24	453	12.7	3	2.0	187.5	0.25	1.07	2.1	0.242	0.50	1.3
M356711		215	156.5	0.003	3.45	11.05	10.7	3	5.6	67.0	0.55	0.28	13.8	0.202	2.66	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219353

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
M356676		54	9.8	8.0	1350	21.4	
M356677		59	9.4	9.6	248	18.9	
M356678		61	6.8	11.8	172	17.6	
M356679		65	5.4	11.6	89	17.8	
M356680		64	5.7	10.1	72	17.5	
M356681		57	8.8	8.9	456	14.2	
M356682		2	0.1	0.8	16	0.5	
M356683		64	12.3	10.4	80	15.8	
M356684		61	8.3	11.5	82	16.9	
M356685		70	11.4	11.5	48	16.4	
M356686		64	5.1	12.5	64	16.6	
M356687		63	7.3	12.8	160	16.0	
M356688		59	16.0	10.0	9930	13.5	
M356689		2	0.2	0.7	25	0.8	
M356690		65	15.6	12.4	102	15.8	
M356691		90	8.2	12.4	104	17.6	
M356692		64	6.0	10.0	41	17.8	
M356693		64	7.5	11.4	57	20.5	
M356694		65	7.7	11.6	58	20.1	
M356695		63	10.2	13.0	79	25.6	
M356696		63	7.4	11.9	303	24.2	
M356697		68	15.0	12.1	88	22.2	
M356698		63	7.8	11.7	479	22.7	
M356699		60	12.4	11.8	1920	23.2	
M356700		59	16.6	11.6	734	25.6	
M356701		77	0.7	14.2	5080	54.7	1.015
M356702		61	9.4	12.1	459	25.1	
M356703		64	12.3	12.2	70	26.9	
M356704		65	17.3	10.0	208	19.4	
M356705		61	8.0	12.7	148	30.3	
M356706		60	10.4	11.7	205	28.1	
M356707		63	6.7	13.4	154	30.7	
M356708		121	7.4	19.7	185	42.6	
M356709		118	25.1	18.9	114	44.5	
M356710		79	0.7	14.2	5200	55.7	1.035
M356711		69	31.7	14.0	586	29.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219353

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219354

Project: Klaza - 132

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

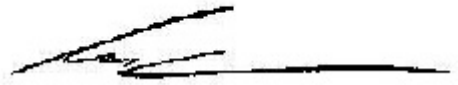
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219354

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356712		6.09	0.018	1.01	7.70	39.0	690	1.38	1.39	2.13	0.94	48.8	11.3	8	14.75	305
M356713		7.46	0.081	1.36	7.53	28.9	620	1.39	1.75	2.90	0.64	40.4	11.3	8	15.65	1340
M356714		4.21	0.101	23.2	7.03	363	300	1.44	10.00	2.59	35.5	34.9	12.2	6	18.35	2020
M356715		5.80	0.032	0.86	7.59	49.1	540	1.53	0.97	3.18	0.75	50.1	12.2	6	19.75	153.5
M356716		3.09	0.109	0.64	7.55	27.3	790	1.40	2.45	1.91	0.22	52.7	9.4	6	12.55	148.5
M356717		4.88	0.032	0.77	7.98	24.8	1070	1.30	1.63	2.93	0.31	41.4	14.3	7	16.55	257
M356718		2.62	0.038	0.74	7.53	23.1	360	1.48	1.37	2.86	0.22	41.4	14.4	6	16.85	336
M356719		4.89	0.074	1.20	7.49	53.7	340	1.35	1.24	2.74	0.35	42.2	14.0	8	15.40	562
M356720		8.67	0.037	1.16	7.50	86.7	730	1.40	1.14	1.91	2.46	51.4	12.7	9	15.10	405
M356721		0.26	0.285	99.4	5.50	236	590	0.67	5.30	1.39	23.6	19.80	11.5	59	0.88	6050
M356722		3.19	0.142	4.98	5.69	140.5	440	0.98	2.63	1.33	9.84	52.2	10.9	5	6.00	303
M356723		7.48	0.055	2.99	7.25	132.0	880	1.46	5.18	1.69	3.31	53.9	10.3	6	14.60	253
M356724		3.86	0.045	3.53	7.41	129.0	880	1.29	2.38	1.22	4.98	46.9	12.2	7	9.96	243
M356725		1.84	<0.005	0.02	0.07	<5	20	0.07	0.02	20.3	0.08	1.22	1.2	<1	0.16	2.0
M356726		8.24	0.070	3.43	7.22	198.0	990	1.22	3.30	1.17	3.64	50.3	14.9	6	9.20	381
M356727		3.94	0.093	1.26	6.89	66.8	760	1.05	4.34	0.97	2.24	51.1	11.9	7	5.73	189.5
M356728		5.09	0.120	1.38	7.05	177.0	760	1.28	1.79	1.42	2.07	52.0	12.5	6	10.95	483
M356729		3.04	0.076	1.13	7.43	160.0	1000	1.37	0.81	1.70	7.08	61.4	15.7	9	14.15	542
M356730		0.26	2.26	24.9	5.89	3230	1450	1.17	20.9	2.16	74.7	45.6	10.3	18	14.20	430
M356731		2.83	0.041	0.87	6.93	106.5	1330	1.29	0.82	1.79	0.90	50.7	13.8	8	13.25	339
M356732		4.80	0.040	1.89	6.51	88.6	940	1.31	1.64	1.49	9.91	49.1	8.3	7	10.80	222
M356733		5.00	5.11	41.1	5.14	974	470	0.81	283	0.58	7.86	38.8	7.9	5	7.68	2610
M356734		2.97	<0.005	0.07	0.07	6	20	0.07	0.44	19.80	0.08	1.29	1.5	<1	0.30	6.6
M356735		4.98	0.025	0.20	7.25	45.9	900	1.92	0.79	2.69	0.34	62.0	6.4	15	17.10	36.2
M356736		3.79	0.480	4.49	7.19	361	660	1.50	21.6	2.16	2.50	37.8	18.2	15	14.90	608
M356737		6.02	0.093	1.18	7.38	86.0	620	1.38	12.05	3.32	0.41	38.7	14.5	20	21.6	632
M356738		2.85	0.072	1.42	7.12	236	690	1.36	2.48	3.24	0.38	39.5	13.7	18	24.1	1275
M356739		3.00	0.079	0.30	6.97	103.0	570	1.63	0.20	3.23	0.26	59.6	6.7	14	17.15	16.8
M356740		3.08	0.199	1.60	7.42	116.0	650	1.55	2.20	2.41	1.97	42.4	17.4	17	20.8	510
M356741		3.09	0.154	1.97	6.80	154.5	600	1.10	3.56	2.76	4.92	39.9	16.0	13	8.85	274
M356742		<0.02	0.192	2.04	6.54	161.0	540	1.14	3.11	2.62	5.40	41.1	15.4	13	8.37	276
M356743		2.58	0.171	4.85	6.44	188.5	540	1.08	7.52	2.01	2.87	32.1	21.5	15	12.70	571
M356744		5.55	0.056	1.45	7.25	32.8	490	1.36	5.90	3.52	1.11	43.2	12.3	13	24.5	669
M356745		8.41	0.041	0.88	6.82	34.1	480	1.36	1.00	3.02	0.41	39.1	11.7	10	19.95	464
M356746		8.85	0.025	0.90	7.26	45.8	570	1.28	0.96	3.06	1.15	38.7	12.4	7	18.30	254
M356747		3.03	0.100	1.64	8.24	114.0	200	1.31	2.90	1.97	2.27	43.0	16.0	7	14.40	280

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356712		4.99	16.75	0.19	0.8	0.065	3.00	27.2	20.8	0.94	335	3.20	0.26	4.2	2.6	620
M356713		5.21	19.10	0.19	0.9	0.102	2.64	20.2	27.1	1.13	586	4.57	0.12	4.4	2.5	920
M356714		7.57	17.00	0.22	0.9	1.060	3.00	17.4	12.4	1.04	1780	7.18	0.06	4.9	2.4	890
M356715		5.15	17.25	0.19	1.0	0.057	2.96	25.6	18.4	1.07	1890	7.58	0.06	6.0	2.3	860
M356716		6.57	18.30	0.21	1.0	0.077	3.41	28.5	14.0	0.87	342	5.00	0.32	3.7	1.7	880
M356717		6.61	19.75	0.22	0.7	0.108	2.86	19.8	20.1	1.28	645	32.1	0.52	4.7	2.5	1120
M356718		5.51	19.50	0.19	0.8	0.096	2.78	19.9	21.3	1.16	543	18.30	0.61	4.7	2.6	1010
M356719		5.51	17.65	0.18	0.9	0.092	3.09	21.7	21.8	1.12	442	4.31	0.06	3.7	2.4	710
M356720		4.24	15.45	0.18	0.8	0.071	3.16	29.7	13.4	1.01	420	3.46	0.05	3.8	2.4	540
M356721		5.73	12.75	0.15	1.7	0.445	1.11	9.8	12.1	1.16	1700	22.2	1.57	3.4	26.1	440
M356722		4.69	13.05	0.15	0.8	0.220	2.68	30.7	15.4	0.78	1380	30.3	0.05	2.3	2.4	330
M356723		4.11	14.90	0.16	0.8	0.251	3.20	31.5	9.6	0.90	554	7.53	0.05	3.5	2.2	520
M356724		5.04	15.70	0.18	0.7	0.165	3.35	26.5	9.0	0.77	1050	11.65	0.05	3.8	2.4	520
M356725		0.46	0.28	0.09	<0.1	<0.005	0.03	0.6	0.9	13.45	212	0.10	<0.01	0.2	2.2	180
M356726		5.21	14.80	0.17	0.7	0.201	3.39	28.0	10.3	0.81	761	6.82	0.06	2.4	2.5	500
M356727		7.07	13.25	0.20	0.6	0.125	3.18	28.5	11.2	0.70	589	6.85	0.07	2.9	2.7	480
M356728		4.67	15.00	0.17	0.6	0.199	3.21	30.2	11.2	0.91	451	5.56	0.06	3.0	2.6	500
M356729		3.83	14.60	0.18	0.7	0.300	3.28	36.7	9.3	1.00	548	3.75	0.05	3.5	3.1	550
M356730		6.56	14.30	0.18	0.9	1.670	2.62	26.1	21.9	0.94	1890	13.80	0.04	5.9	14.2	430
M356731		3.76	14.60	0.16	0.6	0.078	3.30	28.4	10.1	1.00	635	14.75	0.06	3.4	3.1	560
M356732		4.60	14.15	0.18	0.7	0.438	3.15	26.8	11.6	0.86	779	22.3	0.05	3.8	2.5	490
M356733		13.35	11.85	0.40	0.6	1.050	2.46	20.7	10.5	0.45	345	2.95	0.05	2.1	2.5	410
M356734		0.50	0.25	<0.05	<0.1	0.005	0.03	0.6	1.0	12.40	218	0.14	<0.01	0.2	<0.2	160
M356735		2.11	18.65	0.11	2.4	0.036	3.18	33.3	15.9	1.10	693	1.74	0.08	9.1	4.5	650
M356736		9.03	21.2	0.28	0.9	0.210	3.30	17.6	29.2	1.10	631	7.12	0.08	3.4	3.5	850
M356737		6.04	21.1	0.19	0.8	0.078	2.67	17.6	48.4	1.50	373	4.53	0.31	4.6	2.9	960
M356738		5.64	18.55	0.19	0.7	0.109	2.01	18.8	68.4	1.31	427	3.35	0.22	4.5	3.0	870
M356739		2.53	18.50	0.16	3.4	0.039	3.11	31.5	19.5	1.26	849	1.89	0.09	10.1	5.4	970
M356740		6.76	19.60	0.23	0.9	0.134	2.94	20.2	33.7	1.24	507	10.30	0.08	2.9	3.0	940
M356741		8.39	16.15	0.28	0.8	0.156	3.29	19.2	11.2	1.51	898	3.36	0.07	2.4	3.7	870
M356742		8.32	15.45	0.29	0.8	0.158	3.16	19.9	10.5	1.44	857	3.41	0.07	2.3	3.5	850
M356743		9.39	16.40	0.30	0.8	0.138	3.07	15.0	12.4	1.11	634	11.60	0.09	2.3	3.4	800
M356744		5.93	19.15	0.21	1.0	0.052	2.34	21.1	25.6	1.30	312	4.85	0.64	4.4	2.2	960
M356745		5.34	18.20	0.21	0.5	0.086	2.21	18.1	28.5	1.06	403	10.35	0.94	5.7	2.5	860
M356746		5.12	18.80	0.22	0.5	0.114	2.29	17.9	29.6	1.14	465	19.50	0.90	5.6	1.9	900
M356747		7.03	18.35	0.20	0.4	0.224	3.87	20.6	12.6	1.00	842	5.44	0.07	3.1	2.4	1000

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356712		56.6	132.5	0.004	4.19	6.57	10.6	4	4.3	92.9	0.37	0.23	13.0	0.188	1.98	3.5
M356713		34.2	87.8	0.003	3.55	5.63	12.4	4	5.6	108.0	0.33	0.19	8.1	0.312	1.99	3.2
M356714		2620	116.5	0.003	7.57	446	12.2	6	8.4	81.4	0.34	0.29	6.9	0.330	2.11	2.8
M356715		56.4	124.0	0.003	4.07	8.87	11.9	4	4.2	99.1	0.53	0.11	12.5	0.331	2.10	4.9
M356716		19.2	165.0	0.002	6.28	8.13	12.2	4	7.3	88.4	0.33	0.33	14.1	0.255	1.85	4.2
M356717		22.1	127.0	0.027	5.18	3.47	15.0	5	5.8	324	0.32	0.25	6.5	0.366	2.05	3.5
M356718		19.3	106.5	0.016	4.03	3.59	13.3	4	5.0	319	0.37	0.20	8.4	0.329	1.96	3.9
M356719		22.0	120.5	0.002	4.71	16.20	10.3	5	5.4	109.0	0.32	0.13	9.6	0.217	2.28	3.0
M356720		111.5	150.5	0.002	3.83	50.1	9.6	4	4.4	61.8	0.34	0.11	14.6	0.155	2.23	3.5
M356721		>10000	28.3	0.009	2.28	449	11.4	3	1.9	186.0	0.24	1.04	2.2	0.239	0.44	1.5
M356722		226	124.5	0.022	4.69	59.2	6.1	4	8.6	33.9	0.25	0.16	14.7	0.090	1.46	3.1
M356723		113.5	150.0	0.005	3.72	21.5	9.4	4	5.3	52.5	0.34	0.09	15.4	0.142	2.22	3.7
M356724		163.0	149.0	0.008	4.97	22.8	10.0	4	7.4	35.7	0.36	0.12	15.3	0.149	2.25	7.2
M356725		1.4	1.4	<0.002	<0.01	0.12	0.2	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M356726		135.5	150.0	0.006	5.09	40.5	9.3	6	8.7	32.6	0.25	0.42	14.1	0.116	2.15	3.0
M356727		65.7	135.5	0.003	7.11	16.00	8.9	5	9.5	25.4	0.27	1.53	12.3	0.126	1.54	4.3
M356728		54.6	160.5	0.003	4.43	52.2	9.4	4	9.3	37.4	0.28	0.11	13.8	0.128	2.13	3.8
M356729		193.0	147.0	0.002	3.49	18.75	9.8	4	4.8	53.6	0.32	0.06	13.2	0.156	2.30	3.9
M356730		2840	150.0	<0.002	4.67	87.6	7.5	2	7.8	87.9	0.52	0.38	11.8	0.179	2.11	5.5
M356731		47.8	171.5	0.005	3.45	14.50	10.1	4	6.0	65.1	0.28	0.11	10.5	0.154	2.60	4.4
M356732		327	160.0	0.007	4.29	20.8	10.1	4	9.2	46.4	0.33	0.13	12.4	0.144	2.58	3.8
M356733		525	126.0	0.003	>10.0	131.0	7.4	19	22.1	78.4	0.18	2.48	10.4	0.097	1.76	3.3
M356734		2.2	1.9	<0.002	0.03	0.32	0.6	2	0.2	40.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356735		9.4	164.5	<0.002	0.74	9.62	6.7	2	2.0	104.5	0.77	<0.05	11.3	0.232	3.23	8.7
M356736		97.3	167.5	0.006	8.84	23.7	17.7	7	14.2	67.3	0.24	1.22	5.7	0.286	2.87	3.3
M356737		24.1	116.0	0.005	4.50	10.15	19.5	3	7.0	273	0.31	0.16	4.7	0.391	2.50	2.5
M356738		17.2	102.5	0.004	4.10	64.8	18.5	4	5.4	215	0.30	0.30	4.8	0.370	1.94	3.2
M356739		14.8	178.0	<0.002	1.07	10.45	7.3	2	1.4	176.5	0.76	<0.05	10.1	0.275	2.83	5.8
M356740		43.0	164.0	0.004	5.44	8.20	18.3	4	8.5	117.5	0.21	0.19	5.2	0.293	2.64	3.7
M356741		122.0	159.5	0.003	8.19	11.10	16.9	5	9.6	57.8	0.17	0.21	4.8	0.242	2.45	2.3
M356742		123.5	156.0	0.002	8.16	11.70	16.5	5	9.4	54.9	0.17	0.19	5.0	0.235	2.35	2.3
M356743		145.0	150.0	0.005	9.84	34.4	16.1	6	10.8	66.8	0.16	0.29	4.6	0.216	2.08	1.8
M356744		33.9	108.5	0.005	4.31	5.50	15.7	4	5.3	304	0.30	0.16	5.4	0.318	1.92	2.5
M356745		38.6	90.1	0.007	3.33	5.88	11.6	4	4.0	361	0.40	0.08	5.4	0.333	1.81	2.4
M356746		82.5	92.0	0.032	2.85	8.85	11.9	4	3.9	389	0.40	0.07	5.2	0.342	1.89	2.7
M356747		70.1	171.5	0.003	6.63	21.5	13.4	5	7.2	50.3	0.22	0.17	6.5	0.249	2.88	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219354

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Pb
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
M356712		72	13.2	12.9	99	25.0	
M356713		108	9.7	14.4	92	30.5	
M356714		104	22.3	13.0	2740	33.1	
M356715		100	18.9	15.3	87	33.7	
M356716		100	11.0	12.4	41	31.7	
M356717		126	15.9	16.5	75	25.9	
M356718		115	12.0	15.4	69	26.1	
M356719		79	14.9	12.7	67	31.6	
M356720		63	12.8	11.7	221	21.5	
M356721		79	0.6	14.2	5060	53.6	1.000
M356722		42	13.5	6.7	757	21.6	
M356723		57	11.1	10.7	290	21.8	
M356724		61	12.0	10.3	406	19.2	
M356725		2	0.1	0.7	15	<0.5	
M356726		60	11.5	9.1	286	18.3	
M356727		58	23.1	10.6	227	17.7	
M356728		59	16.9	10.1	168	17.6	
M356729		68	13.4	12.0	624	17.9	
M356730		55	5.3	9.2	5280	24.8	
M356731		68	15.3	12.9	90	14.1	
M356732		59	16.3	11.7	702	17.9	
M356733		46	18.9	8.8	534	13.8	
M356734		2	0.1	0.9	13	<0.5	
M356735		49	3.1	12.8	63	76.9	
M356736		122	18.9	13.8	227	19.1	
M356737		147	14.6	15.2	61	16.9	
M356738		137	21.8	15.8	102	16.6	
M356739		58	3.9	14.6	57	123.0	
M356740		130	12.8	15.8	212	22.5	
M356741		116	23.6	12.9	407	20.4	
M356742		113	23.3	12.4	440	19.0	
M356743		115	19.3	13.6	215	18.1	
M356744		112	12.9	15.5	105	26.1	
M356745		83	10.8	13.8	72	11.7	
M356746		85	9.8	14.5	124	10.3	
M356747		91	20.6	13.8	216	9.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219354

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219355

Project: Klaza - 132

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219355

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356748		3.36	0.546	10.50	5.96	504	340	0.96	25.0	1.72	2.91	33.9	15.6	14	11.45	2440
M356749		3.01	0.085	1.88	7.02	143.5	680	1.24	1.27	3.00	2.19	43.6	14.0	16	19.80	557
M356750		7.51	0.086	1.22	7.14	63.5	1170	1.32	0.93	2.93	0.61	44.2	11.2	8	18.50	421
M356751		4.83	0.032	0.49	7.13	8.9	1340	1.17	0.34	3.53	0.18	46.0	10.8	13	15.05	343
M356752		6.65	0.039	0.79	7.40	27.3	910	1.15	0.74	3.38	0.36	47.4	14.4	16	14.45	363
M356753		0.26	2.39	24.9	5.72	3000	1530	1.24	17.90	2.19	76.5	40.2	10.3	18	13.75	431
M356754		2.94	0.042	1.34	7.34	57.0	380	1.45	0.65	3.81	1.63	43.6	14.0	16	17.90	642
M356755		2.41	0.205	15.75	7.23	160.0	240	1.54	1.63	3.35	77.1	44.0	12.3	15	21.1	667
M356756		1.19	<0.005	0.04	0.09	<5	20	0.06	0.01	20.3	0.10	1.12	1.4	<1	0.29	4.1
M356757		3.54	0.076	1.31	7.19	98.7	410	1.54	0.56	3.11	5.16	42.6	11.8	12	17.65	326
M356758		4.59	0.043	1.27	7.02	35.6	530	1.41	0.58	4.59	2.06	44.1	12.2	16	23.5	361
M356759		6.41	0.032	1.15	7.67	22.6	1360	1.27	0.67	3.05	1.94	41.6	15.8	17	12.95	576
M356760		<0.02	0.032	1.14	7.80	21.2	1310	1.42	0.69	3.21	1.64	45.1	16.0	17	13.40	591
M356761		8.04	0.027	0.84	8.18	21.0	1420	1.33	0.58	2.61	1.20	52.8	13.0	11	14.00	439
M356762		7.89	0.038	0.81	7.86	24.8	1340	1.27	0.72	2.81	0.75	48.3	14.1	9	12.95	462
M356763		3.71	0.054	0.78	7.89	24.0	920	1.27	0.54	2.74	0.39	45.6	16.6	8	14.25	491
M356764		4.82	0.032	0.97	7.59	53.2	770	1.36	0.63	1.97	1.35	44.2	15.4	8	13.20	485
M356765		2.54	0.031	0.99	7.53	52.8	770	1.48	0.67	2.10	1.46	42.7	19.8	10	13.15	445
M356766		7.57	0.033	1.06	7.81	20.8	1450	1.50	0.77	3.14	1.24	48.2	13.3	10	12.45	379
M356767		4.73	0.222	2.83	7.82	179.5	550	1.24	6.12	1.49	0.77	42.3	20.5	8	11.30	470
M356768		7.18	0.066	1.07	7.49	29.3	910	1.31	0.71	2.62	0.38	40.2	14.2	9	11.20	562
M356769		0.26	4.43	>100	5.23	6790	1180	1.17	57.4	1.96	221	31.6	9.2	17	10.90	1245
M356770		3.92	0.039	0.83	7.79	9.2	1310	1.35	0.53	2.90	0.33	43.9	14.0	9	10.05	541
M356771		3.90	0.067	0.96	7.26	50.7	390	1.50	0.54	2.78	0.38	45.5	13.7	8	16.10	517
M356772		2.90	0.037	0.82	6.98	97.3	290	1.22	0.45	3.24	0.23	36.1	14.6	8	19.50	377
M356773		3.17	<0.005	0.02	0.10	<5	20	0.08	0.02	19.75	0.07	1.42	1.7	<1	0.25	5.5
M356774		3.74	0.038	0.96	7.76	35.7	370	1.57	0.57	1.68	0.26	35.4	12.0	10	15.00	382
M356775		3.33	0.079	1.19	7.30	79.5	330	1.67	0.52	2.18	0.56	42.3	14.1	9	15.35	471
M356776		4.98	0.029	0.65	7.53	14.8	1280	1.29	0.56	2.34	0.24	36.0	17.5	10	12.00	439
M356777		2.86	0.046	0.93	6.82	95.2	380	1.17	0.56	3.20	0.45	34.7	17.2	8	16.20	382
M356778		5.79	0.024	0.78	7.28	33.4	380	1.36	0.77	2.43	0.24	32.1	15.7	10	14.50	374
M356779		3.13	0.040	0.71	6.95	50.1	250	1.22	0.55	3.28	0.23	34.8	16.3	10	17.10	345
M356780		2.51	0.249	4.53	5.82	308	310	1.05	4.98	2.85	4.99	34.9	19.4	7	18.45	474
M356781		8.32	0.028	0.86	7.06	34.4	1390	1.52	0.46	3.18	0.65	43.4	12.9	10	24.8	430
M356782		2.74	0.103	2.30	6.76	73.5	830	1.33	0.55	3.04	2.54	36.3	12.8	9	19.35	581
M356783		5.14	0.049	1.33	7.19	23.0	1010	1.41	0.55	2.74	0.43	36.0	15.4	11	16.05	611

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219355

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356748		8.25	16.95	0.15	0.9	0.380	2.96	17.1	16.6	0.91	505	5.82	0.06	2.9	3.0	680
M356749		4.85	18.60	0.13	1.1	0.208	3.02	22.6	20.0	1.30	964	16.65	0.08	5.4	2.7	860
M356750		4.66	18.60	0.14	1.2	0.123	2.68	21.7	32.6	1.10	652	27.3	0.44	5.3	1.8	990
M356751		3.76	17.85	0.13	1.2	0.047	2.16	22.3	41.3	1.35	263	49.8	1.54	5.6	1.8	970
M356752		5.54	17.10	0.17	1.0	0.090	2.37	24.5	25.1	1.47	505	22.0	0.61	5.6	3.3	960
M356753		6.63	13.95	0.12	0.9	1.820	2.68	22.5	21.7	0.90	1860	13.30	0.04	6.1	16.3	430
M356754		4.97	18.95	0.15	0.9	0.141	2.09	21.8	26.4	1.32	790	8.17	0.25	6.0	3.0	1010
M356755		5.24	18.35	0.16	0.9	0.471	2.40	22.2	22.9	1.21	1730	12.85	0.04	5.6	3.1	930
M356756		0.46	0.47	0.09	<0.1	0.005	0.03	0.5	1.0	12.75	208	0.20	0.01	0.3	<0.2	170
M356757		4.40	18.60	0.15	1.1	0.116	2.37	20.9	25.1	1.11	1360	5.98	0.04	6.5	2.3	960
M356758		5.46	18.70	0.17	0.9	0.153	2.57	22.4	31.9	1.40	892	12.10	0.05	5.7	2.7	950
M356759		5.16	20.2	0.19	1.0	0.082	2.32	20.0	27.0	1.12	511	9.35	0.58	6.3	2.8	1010
M356760		5.23	20.3	0.18	1.0	0.085	2.35	22.4	27.5	1.13	529	9.10	0.62	6.2	2.9	1010
M356761		4.94	18.80	0.17	0.7	0.094	2.69	28.0	23.7	0.95	526	9.48	0.76	7.2	2.6	960
M356762		4.95	19.30	0.16	0.5	0.079	2.64	24.7	23.8	1.13	403	12.70	1.28	7.2	2.3	940
M356763		4.32	18.90	0.17	0.5	0.047	2.75	22.5	22.8	0.86	396	20.2	0.68	5.5	2.4	980
M356764		5.16	17.45	0.21	0.5	0.103	2.83	22.2	21.1	0.80	519	21.8	0.15	5.3	2.7	880
M356765		5.45	18.05	0.19	0.5	0.102	2.90	20.7	20.5	0.81	525	21.8	0.17	5.3	2.8	880
M356766		5.03	19.05	0.19	0.5	0.127	2.63	24.5	22.6	1.13	707	15.40	0.92	6.8	2.3	920
M356767		7.44	19.50	0.21	0.5	0.211	3.08	21.4	19.4	0.71	737	6.48	0.05	4.7	3.8	910
M356768		5.55	19.15	0.21	0.5	0.095	2.82	18.8	28.1	0.94	628	13.25	0.36	6.0	2.5	960
M356769		8.14	13.15	0.17	1.1	5.12	2.35	16.3	32.4	0.62	3090	15.20	0.08	5.9	15.0	450
M356770		4.95	19.35	0.17	0.5	0.075	2.15	20.9	41.3	1.43	311	10.25	0.62	6.4	2.3	990
M356771		4.92	20.3	0.19	0.7	0.119	2.53	21.4	29.0	1.04	658	10.55	0.05	6.7	2.3	900
M356772		3.83	17.65	0.13	1.3	0.072	2.57	18.5	39.5	1.26	738	8.37	0.05	4.1	2.1	590
M356773		0.49	0.52	0.08	<0.1	<0.005	0.03	0.7	1.1	12.40	203	0.46	0.01	0.4	<0.2	170
M356774		5.66	17.75	0.17	1.2	0.109	2.29	17.5	38.3	1.02	999	8.45	0.03	3.8	2.6	640
M356775		5.36	17.35	0.16	1.2	0.094	2.36	23.9	36.4	1.01	1240	99.7	0.04	4.5	2.6	620
M356776		4.73	17.30	0.16	1.1	0.054	2.13	18.0	29.6	1.10	285	7.36	0.80	4.7	2.6	640
M356777		4.56	16.50	0.16	1.1	0.081	2.41	18.0	22.3	1.34	1040	7.41	0.04	4.4	2.5	580
M356778		4.10	18.90	0.14	1.3	0.101	1.84	15.1	37.8	0.91	388	8.29	0.04	4.7	2.2	650
M356779		3.97	16.75	0.15	1.1	0.060	1.98	18.6	32.2	1.19	456	14.70	0.05	4.1	2.9	610
M356780		7.68	13.80	0.18	0.9	0.238	2.58	19.2	10.7	1.22	1000	57.5	0.04	3.4	2.9	460
M356781		4.16	18.75	0.16	1.2	0.126	2.20	24.8	30.5	1.19	436	8.67	0.43	4.6	2.8	670
M356782		4.26	18.40	0.15	1.3	0.179	2.53	17.8	23.8	1.20	804	6.62	0.65	4.6	3.4	590
M356783		4.59	17.70	0.16	1.1	0.134	2.18	17.7	43.6	1.36	405	9.17	0.59	5.0	2.6	710

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219355

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356748		144.0	159.0	0.003	8.11	208	14.0	4	14.6	67.3	0.20	0.30	4.7	0.243	2.16	2.5
M356749		72.3	157.5	0.005	3.39	75.9	17.1	3	6.8	113.0	0.34	0.11	5.5	0.390	2.87	3.6
M356750		37.7	109.5	0.005	2.39	22.1	13.6	3	4.5	518	0.35	0.12	6.1	0.350	2.36	2.5
M356751		10.6	82.8	0.009	1.64	1.24	15.8	3	2.8	2920	0.37	0.05	6.3	0.380	1.58	2.2
M356752		25.6	105.0	0.010	2.89	8.92	17.4	4	4.0	640	0.36	0.09	6.1	0.374	1.74	2.3
M356753		2820	153.0	0.002	4.66	88.5	8.0	2	7.7	88.7	0.49	0.38	9.7	0.181	2.34	4.8
M356754		79.5	79.8	0.004	2.64	42.5	17.5	4	3.4	180.5	0.40	0.07	5.6	0.407	2.03	3.9
M356755		>10000	118.5	0.005	3.79	51.6	17.3	4	4.1	91.0	0.37	0.28	5.3	0.406	2.45	4.1
M356756		6.9	1.9	<0.002	<0.01	0.16	0.5	1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M356757		171.0	98.1	0.003	2.33	18.30	15.4	3	3.8	94.9	0.45	0.07	6.4	0.412	2.31	3.7
M356758		57.4	112.5	0.007	2.31	11.65	18.6	3	3.7	131.5	0.37	0.08	5.7	0.397	2.27	4.0
M356759		97.9	87.1	0.003	2.18	7.94	18.1	4	3.6	425	0.42	0.08	6.0	0.416	1.69	2.5
M356760		98.7	96.1	0.002	2.21	8.18	18.7	4	3.7	440	0.42	0.08	6.6	0.424	1.70	2.6
M356761		56.4	114.5	0.006	1.69	9.67	13.5	3	3.1	274	0.49	0.07	7.1	0.417	1.80	2.3
M356762		44.4	107.0	0.004	2.10	4.82	13.7	4	4.2	417	0.48	0.10	6.4	0.409	1.59	2.2
M356763		25.1	115.0	0.004	2.26	9.02	13.8	4	4.3	192.0	0.37	0.05	6.4	0.368	1.83	1.8
M356764		46.3	121.5	0.010	2.77	40.3	12.8	5	4.2	122.5	0.35	0.07	6.4	0.336	2.07	2.0
M356765		51.5	116.5	0.011	3.08	40.5	12.8	5	4.3	102.0	0.35	0.08	6.1	0.337	2.16	1.9
M356766		38.7	112.5	0.008	1.96	3.56	13.4	4	3.9	2270	0.48	0.08	6.9	0.396	1.96	2.4
M356767		60.9	144.0	0.003	5.61	13.95	12.5	5	9.4	61.8	0.30	0.15	6.5	0.316	2.44	2.3
M356768		25.9	95.3	0.004	2.74	8.83	14.5	5	5.0	192.0	0.40	0.08	5.5	0.377	2.14	2.9
M356769		9610	133.0	0.002	6.84	221	7.5	3	8.8	121.0	0.49	0.51	8.0	0.184	2.20	4.9
M356770		21.4	75.6	0.007	2.05	4.50	14.7	4	3.5	288	0.42	0.06	6.1	0.391	1.62	3.4
M356771		21.9	99.0	0.002	2.47	22.5	14.4	4	3.9	81.1	0.44	0.06	6.2	0.370	2.37	2.8
M356772		18.5	121.5	<0.002	2.36	45.3	14.8	4	3.5	88.4	0.29	0.05	5.3	0.278	2.34	2.5
M356773		1.5	1.8	<0.002	0.01	0.20	0.6	1	<0.2	44.2	<0.05	<0.05	<0.2	0.005	0.02	0.5
M356774		17.5	113.5	0.002	2.18	13.30	15.7	3	4.1	68.6	0.28	0.05	5.5	0.300	2.39	3.3
M356775		48.3	105.0	0.005	2.05	55.0	15.8	3	3.8	65.7	0.33	0.09	5.3	0.324	2.34	3.2
M356776		20.0	93.4	<0.002	2.58	8.44	15.6	5	3.2	377	0.34	0.07	5.5	0.327	1.54	2.6
M356777		26.9	122.0	0.002	3.01	49.2	13.5	4	2.8	83.8	0.32	0.06	5.0	0.284	2.45	3.0
M356778		19.0	67.3	0.002	2.26	19.90	16.0	3	2.9	86.1	0.36	0.09	5.3	0.315	1.70	2.9
M356779		17.9	86.7	0.005	2.31	19.80	14.3	4	2.9	83.7	0.31	0.07	5.7	0.293	1.73	2.5
M356780		763	128.5	0.005	7.09	53.5	12.1	5	5.2	85.0	0.24	0.14	4.4	0.238	2.62	2.3
M356781		31.4	89.3	0.003	1.85	19.55	16.7	3	4.1	211	0.32	0.05	5.1	0.327	2.01	2.1
M356782		116.0	118.0	0.003	2.38	18.10	15.0	3	4.8	281	0.34	0.06	5.2	0.297	2.54	2.0
M356783		30.2	85.0	0.002	2.36	10.05	15.8	4	4.7	230	0.36	0.06	5.3	0.322	1.76	2.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219355

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M356748		101	10.5	11.4	262	26.2			
M356749		120	8.3	15.5	169	32.3			
M356750		97	5.7	15.9	96	40.6			
M356751		110	4.9	17.2	52	39.2			
M356752		125	9.8	16.9	73	28.9			
M356753		54	5.4	10.3	5310	24.8			
M356754		122	28.9	17.5	189	25.8			
M356755		124	12.1	17.1	6920	23.5		1.170	
M356756		2	0.1	0.8	17	<0.5			
M356757		108	22.9	17.1	461	33.4			
M356758		131	8.7	18.8	202	25.7			
M356759		128	8.3	19.0	185	30.5			
M356760		133	8.8	19.9	166	30.2			
M356761		94	8.0	19.0	166	18.8			
M356762		90	7.2	19.1	109	13.8			
M356763		93	6.9	16.8	80	11.9			
M356764		89	10.4	18.2	150	11.5			
M356765		91	10.6	17.5	167	11.2			
M356766		90	7.3	19.0	158	12.0			
M356767		88	9.5	15.4	108	10.3			
M356768		100	12.1	18.1	84	11.0			
M356769		51	4.9	10.2	>10000	33.0	119		1.610
M356770		97	8.0	17.6	78	11.2			
M356771		95	9.4	17.6	90	17.0			
M356772		104	8.0	13.9	63	42.9			
M356773		2	0.2	0.9	13	0.6			
M356774		115	29.1	14.9	86	40.0			
M356775		113	17.7	14.2	128	38.8			
M356776		115	10.5	14.7	52	36.2			
M356777		98	9.2	14.2	85	36.0			
M356778		113	9.5	14.0	62	39.6			
M356779		108	7.7	13.7	61	34.1			
M356780		88	8.8	11.9	387	28.0			
M356781		116	5.9	14.9	109	38.1			
M356782		104	6.4	14.3	239	40.4			
M356783		112	7.8	14.6	86	33.4			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 132

CERTIFICATE OF ANALYSIS WH12219355

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219356

Project: Klaza-132

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

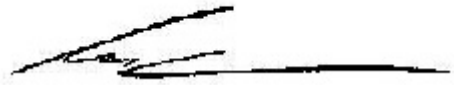
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219356

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356784		1.72	0.042	1.11	6.54	11.1	610	1.11	0.56	3.70	0.32	36.4	15.8	11	17.85	528
M356785		8.68	0.039	0.94	6.59	28.0	1020	1.16	0.83	3.12	0.63	36.1	14.6	12	16.30	429
M356786		3.43	0.049	1.62	6.49	90.8	540	1.39	1.07	2.83	0.33	40.3	21.4	11	27.0	638
M356787		2.48	<0.005	0.04	0.07	<5	20	0.06	0.03	20.0	0.07	1.23	0.8	<1	0.30	4.2
M356788		4.63	0.029	0.90	7.19	28.2	1800	1.43	0.55	3.14	0.33	39.2	15.9	11	23.8	454
M356789		7.56	0.026	0.77	7.45	8.3	1570	1.11	0.48	3.48	0.18	38.1	13.2	11	13.40	494
M356790		6.84	0.022	0.76	7.37	7.2	1180	1.09	0.49	2.50	0.25	38.9	10.5	10	10.95	346
M356791		6.50	0.024	1.12	7.40	27.8	940	1.27	0.79	2.26	0.47	37.8	17.1	10	6.91	443
M356792		<0.02	0.027	1.13	7.64	26.4	1060	1.22	0.75	2.21	0.49	39.0	18.1	10	7.36	461
M356793		8.54	0.024	1.05	7.40	9.3	1570	1.27	0.75	2.32	0.27	44.1	10.0	10	8.15	427
M356794		8.71	0.038	1.63	7.39	7.7	1130	1.15	0.56	2.50	0.32	40.4	12.3	10	8.66	623
M356795		8.38	0.041	1.01	7.42	10.9	810	1.04	0.53	3.29	0.45	34.3	15.7	9	10.75	631
M356796		0.26	4.37	>100	5.45	8180	1250	1.08	66.6	2.01	221	35.3	8.9	18	11.10	1300
M356797		8.56	0.037	1.72	7.47	28.8	800	1.15	1.31	2.98	4.45	33.2	14.2	10	10.85	629
M356798		9.09	0.042	1.17	7.91	21.5	1100	1.13	0.65	3.40	0.44	38.9	13.5	10	11.25	540
M356799		3.63	0.027	1.11	7.40	40.0	930	1.15	0.62	4.04	1.13	36.3	16.9	9	9.54	534
M356800		2.85	0.035	1.18	6.98	99.0	360	1.12	0.79	2.80	0.26	33.8	16.3	8	19.05	546
M356801		4.05	<0.005	0.03	0.16	<5	30	0.07	0.04	20.4	0.05	1.28	0.7	<1	1.32	6.7
M356802		3.63	0.027	0.84	7.48	21.3	810	1.12	0.68	3.24	0.31	32.8	13.8	9	12.80	454
M356803		7.94	0.028	0.74	7.64	6.7	1000	1.06	0.72	3.01	0.36	34.5	16.7	10	13.80	461
M356804		8.55	0.039	1.25	8.01	5.6	740	1.09	0.85	3.13	1.10	38.7	18.4	11	18.30	738
M356805		7.92	0.036	0.95	7.50	5.9	810	1.01	0.75	3.49	0.21	25.3	16.2	14	9.20	562
M356806		0.26	2.29	26.9	5.75	3140	1390	1.23	20.2	2.23	79.9	46.2	10.3	17	14.20	436
M356807		5.26	0.052	1.24	7.68	13.4	940	1.04	0.90	3.01	0.37	26.3	18.1	13	9.80	582
M356808		2.37	0.110	1.47	7.00	86.0	420	1.19	1.69	4.28	0.79	33.2	14.0	11	18.25	350
M356809		6.59	0.036	1.18	7.53	33.9	1110	1.11	0.74	3.20	0.33	26.6	15.7	13	13.60	588
M356810		6.27	0.020	1.16	7.37	6.3	950	1.02	0.83	3.55	0.23	29.9	14.1	13	10.40	548
M356811		2.78	0.041	1.35	7.10	47.2	530	1.01	0.98	3.15	0.25	31.2	22.1	12	10.95	873
M356812		7.72	0.030	0.98	7.62	15.3	450	1.15	0.82	2.91	0.33	28.9	20.9	13	13.40	636
M356813		3.94	0.035	0.84	7.94	10.8	820	1.01	0.80	3.02	0.23	29.3	14.4	16	12.20	549

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219356

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356784		4.26	17.80	0.11	1.1	0.103	1.99	18.3	47.1	1.36	424	10.55	0.04	4.0	3.5	680
M356785		4.77	18.40	0.14	1.2	0.113	2.00	18.2	40.5	1.16	424	13.05	0.35	4.5	2.7	680
M356786		4.59	17.45	0.12	1.2	0.107	2.51	21.1	19.9	1.06	412	25.1	0.06	3.8	3.0	620
M356787		0.47	0.30	0.12	<0.1	<0.005	0.03	0.6	1.2	12.35	203	0.20	<0.01	0.2	2.2	140
M356788		4.21	18.40	0.13	1.2	0.097	2.15	18.0	30.6	1.17	383	25.4	0.87	4.5	3.0	710
M356789		4.30	16.35	0.10	1.1	0.065	2.07	18.8	24.8	1.35	318	11.75	1.63	4.7	2.8	730
M356790		3.80	16.05	0.09	0.4	0.086	2.45	18.4	21.1	1.50	334	12.65	1.60	4.1	2.7	760
M356791		4.32	17.55	0.11	1.0	0.144	1.95	17.8	27.7	0.64	364	35.5	0.37	5.4	2.6	810
M356792		4.55	18.60	0.10	0.9	0.146	2.13	17.4	28.8	0.76	386	38.2	0.50	5.4	2.7	840
M356793		4.48	17.45	0.09	0.6	0.178	2.98	20.8	15.7	1.16	438	14.25	1.15	4.8	2.5	740
M356794		4.70	16.35	0.09	0.7	0.122	2.49	19.5	15.0	1.55	357	24.6	1.47	5.2	3.1	760
M356795		4.83	17.60	0.09	0.8	0.088	2.08	15.8	16.2	1.68	335	24.6	1.26	4.2	3.6	930
M356796		8.01	12.75	0.07	1.1	4.45	2.42	17.5	34.7	0.64	3160	15.85	0.08	5.1	13.7	470
M356797		5.36	18.85	0.06	0.9	0.206	2.23	14.6	17.4	1.75	473	15.55	1.27	4.4	3.6	940
M356798		4.85	19.40	0.06	0.8	0.132	2.12	17.5	18.8	1.70	536	9.89	1.37	4.6	3.9	950
M356799		4.93	18.85	0.07	0.7	0.075	1.56	16.5	26.3	1.10	558	8.95	0.56	4.3	3.9	940
M356800		5.03	17.65	0.07	0.7	0.152	2.71	14.9	17.6	0.99	428	4.85	0.05	3.1	4.9	860
M356801		0.48	0.48	<0.05	<0.1	0.007	0.08	0.6	2.1	12.75	207	0.22	0.01	0.2	1.9	190
M356802		5.10	18.45	0.08	0.7	0.132	2.25	14.2	23.6	1.31	409	22.9	0.68	3.4	3.5	920
M356803		5.29	18.85	0.08	0.8	0.089	1.84	14.4	19.6	1.91	394	6.65	1.49	4.6	3.7	980
M356804		5.64	19.40	0.09	0.8	0.135	1.94	18.1	23.9	2.16	355	17.60	1.38	4.0	4.2	980
M356805		5.05	19.85	0.06	0.7	0.112	1.87	11.5	15.7	2.01	400	5.74	1.76	4.3	4.1	930
M356806		6.51	14.55	0.06	1.0	1.690	2.64	24.9	26.0	0.90	1870	14.10	0.04	5.6	15.8	440
M356807		5.62	18.25	0.05	0.7	0.138	1.94	12.4	24.6	1.72	387	6.41	0.98	3.4	4.1	910
M356808		6.47	17.25	0.07	0.7	0.125	2.63	16.0	14.7	1.61	826	17.10	0.06	2.8	4.3	800
M356809		5.15	19.65	0.07	0.8	0.107	1.90	12.2	20.7	1.43	441	14.95	0.91	4.1	4.1	930
M356810		5.64	17.60	0.07	0.7	0.128	1.94	13.1	18.3	1.80	428	13.55	1.48	4.0	4.1	880
M356811		6.11	16.85	0.09	0.7	0.116	2.05	13.8	31.0	1.08	343	37.8	0.24	3.5	4.4	870
M356812		5.96	18.35	0.09	0.7	0.086	2.14	13.6	24.0	1.62	266	9.46	0.91	3.5	4.4	890
M356813		5.55	18.75	0.05	0.8	0.055	2.13	14.1	22.2	2.14	237	5.33	1.36	3.1	4.0	980

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219356

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356784		28.8	76.7	0.006	2.19	7.54	15.0	4	3.1	119.5	0.33	0.11	5.5	0.303	1.78	3.0
M356785		36.3	75.4	0.007	2.61	9.61	14.9	5	3.7	173.0	0.38	0.11	5.6	0.325	2.08	2.6
M356786		27.9	121.5	0.007	3.32	58.1	14.8	5	5.0	90.3	0.31	0.19	6.3	0.281	2.83	3.7
M356787		1.7	1.8	0.003	0.01	0.19	0.3	2	<0.2	42.8	<0.05	0.05	<0.2	<0.005	0.02	0.5
M356788		16.3	93.5	0.008	1.72	12.35	15.9	3	2.8	544	0.31	<0.05	5.6	0.320	1.63	3.8
M356789		14.3	89.0	0.008	1.85	1.02	15.1	3	2.1	909	0.35	<0.05	6.5	0.343	1.23	2.2
M356790		15.8	95.6	0.005	1.73	1.06	14.3	2	2.7	573	0.31	<0.05	5.9	0.306	1.43	1.8
M356791		19.2	83.8	0.010	2.06	12.35	15.4	2	3.8	160.5	0.40	<0.05	6.9	0.363	1.55	2.4
M356792		19.9	85.8	0.012	2.17	12.50	15.6	3	3.6	204	0.41	0.05	6.7	0.371	1.67	2.6
M356793		20.2	122.5	0.008	1.83	2.15	13.2	2	4.7	389	0.36	<0.05	7.7	0.300	1.85	2.9
M356794		15.5	97.1	0.008	2.43	2.11	13.9	3	2.8	480	0.40	0.05	7.6	0.334	1.37	2.6
M356795		20.3	78.9	0.014	2.33	1.66	15.1	4	3.3	478	0.28	<0.05	4.3	0.348	1.39	1.8
M356796		9920	150.0	0.005	7.08	224	7.9	1	8.6	123.0	0.43	0.46	10.0	0.185	2.27	5.7
M356797		98.2	78.9	0.007	2.61	1.28	15.8	3	4.5	458	0.32	0.07	4.1	0.361	1.68	1.7
M356798		21.1	94.0	0.007	2.38	7.58	16.8	3	3.6	510	0.29	<0.05	4.6	0.365	1.79	2.0
M356799		54.5	61.2	0.008	2.58	32.6	15.4	3	2.9	278	0.29	<0.05	4.0	0.354	1.38	1.9
M356800		21.5	117.5	0.005	3.51	61.9	14.1	2	6.6	69.1	0.22	<0.05	3.9	0.284	2.37	2.3
M356801		2.3	7.1	<0.002	<0.01	0.37	0.4	<1	0.2	40.2	<0.05	<0.05	0.5	0.005	0.06	1.0
M356802		17.4	83.6	0.009	2.49	12.45	15.0	3	3.4	228	0.26	<0.05	3.9	0.319	1.77	1.7
M356803		20.0	64.4	0.009	2.19	2.38	15.8	1	2.8	791	0.32	0.07	3.9	0.392	1.46	1.6
M356804		29.7	97.0	0.018	3.05	0.83	17.7	3	3.7	565	0.27	0.08	4.9	0.376	1.47	1.9
M356805		10.7	58.8	0.006	2.43	0.56	17.3	2	3.8	588	0.30	0.12	3.4	0.401	1.52	1.6
M356806		2820	172.5	0.006	4.62	95.8	8.8	<1	8.1	92.0	0.44	0.37	12.2	0.176	2.45	5.7
M356807		19.0	68.2	0.011	2.91	2.68	17.6	3	3.6	737	0.25	0.11	4.5	0.362	1.52	2.9
M356808		55.5	148.5	0.009	5.24	47.3	16.2	3	8.8	81.1	0.19	0.13	4.3	0.290	2.34	2.4
M356809		21.4	65.2	0.007	2.73	23.7	17.9	3	3.5	976	0.27	0.15	3.5	0.394	1.73	1.7
M356810		14.2	63.7	0.008	2.95	0.86	17.5	3	3.0	871	0.30	0.09	4.3	0.384	1.47	1.6
M356811		11.4	64.9	0.028	4.46	24.9	16.7	6	4.2	132.5	0.25	0.11	3.4	0.346	1.44	2.0
M356812		13.3	80.3	0.005	4.05	3.87	17.9	4	3.8	575	0.25	0.11	3.9	0.348	1.49	1.7
M356813		12.3	84.5	0.004	3.31	1.54	19.0	3	3.5	827	0.25	0.21	4.2	0.350	1.53	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219356

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356784		113	7.7	13.7	72	31.3			
M356785		116	6.6	14.2	98	34.2			
M356786		107	9.4	14.3	78	34.2			
M356787		3	0.1	0.8	13	<0.5			
M356788		113	5.0	15.0	75	36.2			
M356789		112	5.2	14.8	61	29.7			
M356790		107	4.9	14.7	69	9.1			
M356791		117	9.1	15.5	102	25.5			
M356792		122	8.7	15.9	98	23.9			
M356793		101	6.5	16.1	90	17.3			
M356794		105	5.9	16.0	75	16.1			
M356795		120	5.6	18.0	85	17.3			
M356796		52	4.5	9.2	>10000	29.7	124	0.997	1.595
M356797		123	5.6	17.0	451	17.4			
M356798		128	4.5	18.3	98	16.9			
M356799		120	10.4	15.4	158	14.5			
M356800		113	11.2	11.7	98	13.0			
M356801		3	0.2	0.9	15	<0.5			
M356802		125	6.7	13.7	85	14.1			
M356803		129	3.1	15.9	79	15.6			
M356804		136	64.3	18.4	112	16.4			
M356805		146	6.8	15.6	72	15.7			
M356806		54	5.4	10.4	5240	23.5			
M356807		146	6.6	12.4	88	13.8			
M356808		124	19.1	12.5	136	13.0			
M356809		148	5.9	13.7	92	15.2			
M356810		140	7.4	15.7	75	14.6			
M356811		138	14.4	12.9	62	13.4			
M356812		137	8.7	14.7	61	14.4			
M356813		149	6.0	14.5	53	16.1			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219356

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219357

Project: Klaza - 133

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

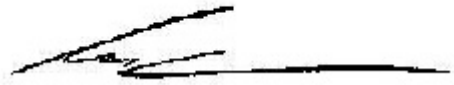
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 133

CERTIFICATE OF ANALYSIS WH12219357

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356138		6.90	0.067	14.30	7.37	164.5	5500	1.86	0.16	0.42	68.2	54.1	6.5	7	21.8	39.1
M356139		10.45	0.719	23.4	6.30	2060	720	1.30	1.45	0.08	28.9	43.4	0.8	7	14.10	47.9
M356140		10.13	1.300	37.4	5.76	1700	1000	1.71	13.15	0.31	140.0	36.6	4.3	5	13.80	110.0
M356141		8.09	0.010	0.42	6.50	75.6	60	3.67	0.89	0.09	30.0	15.95	0.4	1	25.5	43.7
M356142		8.05	<0.005	0.06	6.77	32.3	140	3.85	0.19	0.13	10.75	17.80	0.6	1	21.8	10.0
M356143		4.75	<0.005	0.17	6.65	16.6	90	4.04	0.38	0.50	2.44	18.95	0.2	1	25.0	1.2
M356144		2.76	0.093	6.72	7.00	234	1120	4.18	0.87	2.50	18.95	43.7	5.9	5	28.9	21.9
M356145		2.97	<0.005	0.03	0.07	<5	20	0.07	0.02	20.8	0.12	1.32	1.6	<1	0.27	1.7
M356146		4.48	<0.005	0.26	6.86	15.3	2200	1.52	0.16	2.34	1.64	47.2	6.8	9	14.75	7.9
M356147		7.47	0.026	0.51	6.88	13.7	2040	1.53	0.26	2.51	2.62	52.3	9.1	11	13.80	17.0
M356148		0.26	4.35	>100	5.02	6030	270	1.21	57.7	1.94	223	29.8	9.9	17	11.40	1275
M356149		5.96	0.020	1.07	6.64	15.4	1970	1.46	0.33	2.18	2.45	50.4	8.0	8	16.15	21.8
M356150		2.97	0.024	2.61	6.71	53.4	1700	1.45	0.17	2.28	7.89	43.2	8.0	8	22.1	11.5
M356151		6.23	0.010	1.42	7.05	16.9	2100	1.62	0.23	2.44	10.95	54.0	9.7	10	12.45	14.3
M356152		5.64	<0.005	0.14	6.79	8.0	2170	1.50	0.16	2.49	1.02	46.3	7.8	10	19.55	4.2
M356153		3.41	0.009	1.91	6.66	25.5	2710	1.52	0.25	2.44	7.75	47.6	5.8	7	35.6	20.2
M356154		5.06	<0.005	0.15	7.35	7.9	2170	1.72	0.19	2.77	0.48	49.8	5.9	9	16.15	5.1
M356155		2.23	<0.005	0.08	6.68	9.0	1970	1.56	0.23	2.47	0.17	44.7	5.6	7	15.55	5.1
M356156		7.25	0.005	0.14	6.90	9.3	2260	1.57	0.19	2.42	0.46	44.3	6.7	9	17.30	6.2
M356157		6.87	0.009	1.67	6.75	11.3	2100	1.56	0.14	2.45	11.65	42.4	6.9	8	21.5	11.9
M356158		8.45	0.013	0.20	7.21	8.0	2390	1.52	0.19	1.92	0.52	51.4	6.6	8	15.20	6.0
M356159		8.22	0.016	0.37	7.05	18.3	2160	1.57	0.27	1.76	1.62	48.7	7.1	7	18.65	10.1
M356160		0.26	4.34	>100	5.15	6120	980	1.21	52.0	1.90	214	32.3	10.1	17	11.85	1245
M356161		2.84	0.008	0.20	7.03	15.6	2020	1.58	0.18	2.51	0.20	49.1	7.4	7	24.8	5.4
M356162		6.24	0.012	0.86	7.15	71.8	1140	1.58	0.15	2.13	3.52	52.9	5.5	7	24.1	2.7
M356163		4.81	0.015	0.93	7.18	66.8	1000	1.72	0.22	2.27	1.64	53.7	9.5	6	24.8	5.7
M356164		4.22	<0.005	0.18	7.01	7.9	2060	1.64	0.26	2.55	0.32	50.3	7.0	8	23.9	6.0
M356165		3.09	0.017	5.64	6.27	25.6	1910	1.56	0.11	3.11	11.85	43.7	6.2	6	24.4	12.5
M356166		2.69	<0.005	0.02	0.07	<5	30	0.05	0.02	20.5	0.07	1.39	1.5	<1	0.20	3.3
M356167		8.68	0.005	0.97	7.09	11.7	2030	1.43	0.12	2.46	5.46	47.6	6.1	10	16.35	9.9
M356168		8.55	<0.005	0.11	7.31	7.9	2120	1.52	0.21	2.59	0.11	50.5	9.2	10	13.20	15.2
M356169		<0.02	<0.005	0.16	7.18	8.6	2090	1.52	0.22	2.58	0.16	52.2	9.3	9	13.75	15.7
M356170		5.61	0.009	1.99	7.05	20.0	1900	1.68	0.35	2.91	9.80	46.8	11.1	10	16.05	24.2
M356171		8.04	<0.005	0.16	7.08	10.5	2180	1.75	0.11	2.48	0.53	45.5	6.8	9	16.15	6.1
M356172		5.58	0.006	0.24	7.21	15.2	2020	1.64	0.41	2.54	0.41	54.5	9.3	9	13.55	43.7
M356173		2.74	0.223	8.52	6.95	579	1950	1.51	1.17	2.41	74.9	51.2	7.3	7	18.55	56.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 133

CERTIFICATE OF ANALYSIS WH12219357

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356138		4.08	16.75	0.15	1.2	0.152	3.19	29.5	27.3	0.21	4130	2.28	0.04	8.4	3.1	570
M356139		4.30	14.10	0.12	1.1	0.416	3.00	24.6	12.9	0.19	264	1.87	0.03	7.2	1.3	340
M356140		4.25	13.50	0.08	1.2	0.532	2.58	20.5	35.5	0.26	1940	18.25	0.02	8.6	1.5	430
M356141		0.74	20.2	<0.05	3.5	0.053	1.90	7.7	188.0	0.09	277	1.60	0.03	26.6	0.5	40
M356142		0.51	20.9	<0.05	3.4	0.029	1.89	8.3	254	0.09	523	0.83	0.03	26.8	0.5	40
M356143		0.57	21.0	<0.05	3.4	0.031	2.09	8.7	177.0	0.18	678	2.16	0.03	26.7	0.4	40
M356144		3.57	16.75	0.17	1.7	0.276	3.12	22.8	25.9	0.64	2690	2.69	0.17	11.6	2.0	510
M356145		0.49	0.36	0.18	<0.1	0.005	0.03	0.6	1.2	13.00	223	<0.05	0.01	0.4	1.0	160
M356146		2.71	16.20	0.15	1.4	0.049	2.92	24.0	10.5	0.64	815	1.47	2.08	8.3	2.3	550
M356147		3.13	16.20	0.19	1.4	0.051	2.89	26.0	13.4	0.76	1120	2.49	1.97	8.7	2.8	620
M356148		8.15	11.80	0.16	1.1	4.63	2.25	15.6	29.9	0.61	3160	15.15	0.08	5.9	15.4	440
M356149		2.85	15.85	0.16	1.5	0.048	2.84	25.9	14.2	0.67	870	2.46	1.77	8.4	2.4	560
M356150		3.18	15.65	0.19	1.4	0.042	3.09	21.8	17.2	0.65	1340	1.58	1.20	8.6	2.5	560
M356151		3.09	16.25	0.23	1.5	0.052	2.72	27.4	14.0	0.82	780	2.92	2.14	8.9	2.7	610
M356152		2.87	15.55	0.20	1.6	0.042	2.93	23.5	11.6	0.68	721	1.39	1.80	8.8	2.5	580
M356153		2.70	15.20	0.19	1.4	0.047	2.60	24.7	44.2	0.75	852	1.37	0.19	8.3	2.1	530
M356154		2.88	16.60	0.20	1.7	0.053	3.01	25.3	23.8	0.63	740	1.05	1.64	9.8	2.5	570
M356155		2.73	15.55	0.19	1.5	0.056	2.72	22.0	26.9	0.60	686	1.02	1.62	9.1	2.4	540
M356156		3.02	16.00	0.20	1.4	0.050	2.78	22.2	13.2	0.67	770	1.29	1.96	9.3	2.7	580
M356157		3.04	15.90	0.16	1.1	0.045	2.91	21.8	16.8	0.61	1040	1.29	1.70	7.6	2.5	530
M356158		3.08	16.65	0.20	1.2	0.049	3.02	27.5	21.5	0.54	847	0.97	1.52	8.3	2.8	580
M356159		2.91	16.40	0.21	1.2	0.058	2.94	25.7	24.0	0.47	944	0.89	1.25	7.9	2.7	630
M356160		7.96	12.30	0.16	1.1	4.50	2.24	17.9	29.5	0.60	3070	15.50	0.08	5.6	14.8	450
M356161		2.71	16.35	0.19	1.2	0.042	3.03	25.6	25.2	0.68	789	0.66	1.41	7.6	2.7	540
M356162		2.35	16.35	0.18	1.2	0.041	3.13	28.9	36.7	0.69	1020	1.00	0.18	7.7	2.3	550
M356163		3.17	16.20	0.20	1.2	0.047	3.09	30.4	67.3	0.74	1300	2.67	0.05	7.9	2.6	570
M356164		2.84	16.50	0.23	1.3	0.082	3.05	25.8	27.6	0.58	956	3.64	1.31	8.0	2.3	570
M356165		3.55	14.80	0.17	1.1	0.178	2.93	22.6	40.6	0.59	3130	8.21	0.42	7.5	2.2	530
M356166		0.48	0.38	0.23	<0.1	<0.005	0.03	0.7	0.9	12.90	216	0.07	0.01	0.3	1.2	170
M356167		3.14	17.55	0.14	1.2	0.066	2.90	24.2	11.8	0.76	1060	0.98	1.86	8.2	2.6	580
M356168		2.82	17.30	0.20	1.2	0.057	2.82	25.7	11.1	0.76	648	1.62	2.29	8.1	2.5	580
M356169		2.82	17.10	0.20	1.3	0.058	2.74	26.9	11.3	0.75	648	1.39	2.25	8.1	2.6	570
M356170		3.02	16.80	0.17	1.3	0.082	2.95	24.1	16.8	0.76	1440	0.80	1.07	7.7	2.9	580
M356171		2.81	16.70	0.19	1.4	0.045	2.79	22.8	13.0	0.61	688	2.42	2.15	8.4	2.6	580
M356172		2.78	16.40	0.22	1.4	0.101	3.09	29.0	10.8	0.67	850	1.63	1.70	8.3	2.5	560
M356173		3.90	15.40	0.20	1.2	0.275	3.29	28.5	22.9	0.75	2400	0.97	0.54	7.3	2.4	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 133

CERTIFICATE OF ANALYSIS WH12219357

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356138		5270	201	<0.002	0.37	24.7	11.7	2	2.3	122.5	0.68	<0.05	14.7	0.236	3.49	6.5
M356139		4870	197.0	<0.002	0.38	46.5	8.7	2	4.1	39.6	0.60	0.06	11.5	0.205	3.09	2.8
M356140		6710	166.0	<0.002	0.36	58.2	8.3	2	4.1	50.1	0.68	0.13	14.3	0.171	2.60	5.9
M356141		202	146.0	<0.002	0.02	10.75	3.1	1	3.3	31.0	2.93	<0.05	22.3	0.034	1.37	9.4
M356142		65.5	141.0	<0.002	0.01	9.04	3.3	1	3.1	37.4	2.88	<0.05	24.0	0.034	1.25	8.9
M356143		65.0	156.5	<0.002	0.02	6.59	3.4	1	2.8	51.8	2.89	<0.05	24.2	0.034	1.34	10.0
M356144		1510	192.5	<0.002	1.01	18.90	9.7	2	2.8	134.5	0.87	0.09	13.7	0.221	2.95	7.4
M356145		5.1	1.5	<0.002	<0.01	0.08	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M356146		65.5	120.0	<0.002	0.03	3.18	9.7	2	1.7	318	0.72	<0.05	13.9	0.237	1.40	2.9
M356147		89.5	115.5	<0.002	0.11	4.12	10.5	2	2.0	291	0.70	0.07	12.9	0.262	1.50	3.3
M356148		9810	116.5	<0.002	6.79	219	7.1	3	8.2	113.0	0.46	0.47	8.0	0.179	2.12	4.9
M356149		371	123.5	<0.002	0.14	4.41	10.6	2	1.9	270	0.69	0.08	13.8	0.235	1.52	3.2
M356150		685	139.5	<0.002	0.42	8.87	10.6	2	2.0	198.0	0.72	<0.05	12.9	0.252	2.40	4.4
M356151		284	114.5	<0.002	0.13	3.20	11.7	2	1.9	326	0.75	0.06	14.6	0.252	1.35	3.9
M356152		33.0	122.0	<0.002	0.05	5.76	10.4	2	1.6	301	0.73	<0.05	13.3	0.254	1.53	3.2
M356153		1225	120.0	<0.002	0.38	11.90	10.2	2	1.6	172.5	0.69	0.07	13.2	0.232	2.01	3.2
M356154		66.9	125.5	<0.002	0.05	4.08	10.6	2	1.7	294	0.94	<0.05	13.3	0.247	1.44	3.9
M356155		19.3	102.5	<0.002	0.06	3.76	10.2	2	1.7	294	0.87	<0.05	11.3	0.234	1.29	3.0
M356156		40.1	108.5	<0.002	0.07	4.96	10.5	2	1.8	318	0.79	<0.05	11.0	0.251	1.32	4.4
M356157		202	112.5	<0.002	0.11	6.08	10.3	2	1.8	284	0.61	<0.05	10.4	0.234	1.56	2.9
M356158		39.3	128.5	<0.002	0.08	8.44	11.9	2	1.8	225	0.68	0.05	12.5	0.254	1.56	3.0
M356159		83.0	136.0	<0.002	0.20	10.70	11.0	2	1.8	188.5	0.65	0.06	12.0	0.243	1.67	3.3
M356160		9510	128.0	0.002	6.77	213	7.8	3	8.3	114.0	0.46	0.47	8.2	0.177	2.10	5.0
M356161		19.4	130.5	<0.002	0.17	6.83	11.2	2	1.6	245	0.62	0.05	11.6	0.245	1.91	3.4
M356162		128.0	164.5	<0.002	0.20	20.0	11.0	2	1.6	108.0	0.68	<0.05	13.4	0.232	2.77	5.4
M356163		134.5	165.5	<0.002	0.74	17.05	11.1	2	1.7	111.5	0.68	0.07	14.0	0.232	2.91	5.7
M356164		27.8	135.0	<0.002	0.07	6.31	11.0	2	1.6	238	0.71	0.10	12.1	0.235	2.03	3.2
M356165		1530	129.5	0.002	0.23	14.25	9.9	2	2.0	166.0	0.64	<0.05	10.8	0.223	2.49	4.6
M356166		3.1	1.2	<0.002	0.01	0.05	0.3	1	<0.2	46.9	<0.05	<0.05	0.2	<0.005	<0.02	0.5
M356167		329	128.5	<0.002	0.10	5.61	11.0	2	1.8	289	0.71	<0.05	12.4	0.243	1.71	3.9
M356168		18.9	116.0	<0.002	0.08	2.46	11.6	2	1.6	337	0.69	0.07	12.7	0.249	1.25	3.7
M356169		20.0	114.5	<0.002	0.08	2.42	11.5	2	1.6	333	0.69	0.06	12.8	0.249	1.22	3.7
M356170		490	149.0	<0.002	0.37	7.66	11.7	2	1.9	201	0.63	0.08	10.7	0.241	2.11	3.7
M356171		30.3	106.0	<0.002	0.08	2.54	10.8	2	1.6	321	0.72	<0.05	12.4	0.252	1.43	4.0
M356172		35.2	142.5	<0.002	0.26	3.55	11.0	2	1.7	261	0.79	0.10	15.1	0.234	1.62	5.6
M356173		1295	185.5	<0.002	1.23	19.55	10.9	2	2.3	151.0	0.62	0.09	12.6	0.224	2.62	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 133

CERTIFICATE OF ANALYSIS WH12219357

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356138		65	6.2	16.6	4510	32.1		
M356139		56	6.1	5.7	1500	28.7		
M356140		48	5.4	7.9	4510	30.0		
M356141		1	2.7	11.3	736	57.6		
M356142		1	2.3	13.7	586	55.7		
M356143		<1	1.8	16.6	308	57.6		
M356144		60	5.0	15.0	1450	41.3		
M356145		2	0.1	0.9	19	0.5		
M356146		63	1.4	16.2	202	37.4		
M356147		74	2.7	17.2	225	39.5		
M356148		51	4.7	8.5	>10000	32.8	113	1.490
M356149		66	2.4	16.0	211	39.0		
M356150		72	4.2	15.1	572	37.5		
M356151		71	2.4	18.4	743	39.3		
M356152		70	1.6	16.6	136	42.9		
M356153		63	2.9	15.2	596	36.9		
M356154		66	1.8	17.5	75	38.2		
M356155		65	1.5	16.0	51	34.0		
M356156		66	2.5	15.8	86	33.4		
M356157		63	2.6	14.8	833	31.1		
M356158		70	3.2	16.8	95	35.8		
M356159		67	3.2	15.9	162	38.8		
M356160		50	5.0	9.1	>10000	35.4	123	1.580
M356161		67	2.4	15.2	67	36.1		
M356162		63	3.5	14.9	301	35.6		
M356163		62	5.0	15.2	156	34.7		
M356164		64	1.8	15.9	69	37.6		
M356165		63	4.5	13.5	924	33.3		
M356166		2	0.1	0.8	17	<0.5		
M356167		66	2.2	16.4	454	38.3		
M356168		69	1.6	17.3	44	37.6		
M356169		68	1.4	17.2	47	37.9		
M356170		69	1.7	15.2	752	38.5		
M356171		68	2.0	15.9	81	45.0		
M356172		63	1.7	16.6	72	43.1		
M356173		63	3.3	14.1	5470	37.0		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 133

CERTIFICATE OF ANALYSIS WH12219357

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219358

Project: Klaza - 134

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

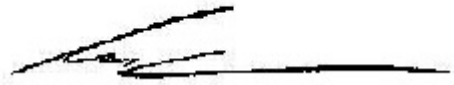
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219358

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354586		8.94	0.057	1.40	7.03	25.2	770	1.62	1.06	1.79	2.84	34.1	11.9	18	12.45	769
M354587		7.03	0.058	0.90	7.13	11.0	1840	1.57	0.51	1.59	1.08	36.9	10.3	17	9.26	754
M354588		6.73	0.087	1.32	7.57	16.9	1540	1.74	0.75	1.76	1.07	40.4	13.2	23	10.85	1110
M354589		0.23	4.45	>100	5.06	7710	430	1.20	59.6	1.89	220	28.5	9.6	15	11.20	1245
M354590		7.53	0.085	1.80	7.16	33.4	1060	1.63	1.65	2.06	0.72	36.9	10.7	19	11.30	921
M354591		6.85	0.086	2.44	7.54	31.0	1320	1.52	3.70	2.55	1.14	41.3	16.9	33	12.75	967
M354592		7.19	0.156	2.67	7.72	13.9	840	1.27	0.75	3.30	10.65	36.1	17.5	25	17.35	1240
M354593		5.37	0.059	1.10	7.73	15.1	660	1.31	0.51	3.02	0.82	36.5	13.7	24	14.30	638
M354594		2.58	0.052	1.44	6.42	38.5	660	1.05	1.33	5.22	0.63	41.7	26.2	17	16.70	609
M354595		2.50	<0.005	0.01	0.09	<5	40	0.09	0.02	21.1	0.08	1.52	1.2	<1	0.25	3.1
M354596		3.82	0.054	0.80	7.53	16.2	2790	1.44	0.34	3.35	0.30	51.5	10.7	22	17.70	628
M354597		2.96	0.306	6.62	5.77	363	280	1.24	3.30	1.28	219	27.9	13.6	10	9.84	923
M354598		3.37	0.034	1.64	6.09	73.4	290	1.29	0.40	0.87	2.82	7.87	4.0	6	8.89	549
M354599		4.26	0.080	2.43	6.72	44.4	490	1.26	0.80	0.78	5.10	6.88	8.1	6	5.42	1270
M354600		2.18	0.072	2.34	6.43	46.2	890	1.22	0.78	0.84	3.77	8.01	8.2	4	5.59	1170
M354601		4.06	0.076	2.13	6.73	52.4	1540	1.42	0.74	1.04	1.36	11.15	7.5	6	7.51	1185
M354602		5.22	0.049	3.35	6.40	76.9	1000	1.30	3.13	0.52	1.62	8.25	6.7	7	7.78	869
M354603		5.28	0.072	1.50	7.10	129.5	660	1.13	0.86	0.88	3.17	10.00	8.5	11	8.20	1020
M354604		4.05	0.055	6.19	4.38	245	750	0.82	0.85	2.38	4.52	5.78	5.0	9	5.72	1045
M354605		4.10	<0.005	0.12	0.07	<5	20	0.07	0.03	21.5	0.09	0.97	0.5	<1	0.16	5.0
M354606		4.62	0.111	3.78	6.61	203	1010	1.14	0.61	0.93	1.81	14.65	13.7	11	6.78	2060
M354607		8.77	0.197	2.43	7.59	136.5	860	1.40	0.75	1.26	0.33	11.45	24.3	10	7.48	2230
M354608		6.42	0.250	1.69	6.89	308	570	0.97	0.91	1.65	1.75	8.50	15.8	11	9.14	1425
M354609		2.57	0.352	17.95	5.52	421	340	0.84	38.4	2.65	8.95	7.35	22.3	7	5.81	1415
M354610		6.54	0.144	2.40	7.09	313	650	1.05	0.93	1.07	1.25	12.45	19.3	9	8.52	1900
M354611		0.22	4.49	>100	5.35	8110	500	1.08	63.1	1.97	228	31.4	9.4	16	12.35	1290
M354612		6.57	0.386	4.77	7.25	263	780	1.20	1.09	1.17	2.23	11.50	19.7	8	10.15	2880
M354613		3.51	0.369	5.70	5.21	735	260	0.88	3.15	2.46	9.03	18.90	15.0	6	8.79	2610
M354614		6.60	0.241	5.04	6.32	646	320	1.01	3.38	1.83	5.74	12.00	13.9	10	9.84	2820
M354615		8.03	0.126	1.87	7.05	306	310	1.11	0.92	2.20	3.30	12.10	17.0	11	14.65	1250
M354616		8.41	0.191	2.09	7.13	255	570	1.09	0.63	2.60	0.58	27.0	17.4	13	16.80	1870
M354617		<0.02	0.134	1.92	7.08	238	560	1.08	0.58	2.44	0.52	28.3	17.2	12	16.20	1790
M354618		5.90	0.198	1.66	7.07	274	390	1.24	0.83	3.11	1.01	24.3	19.9	11	18.90	1390
M354619		8.30	0.127	2.17	7.16	191.0	910	1.59	12.85	2.63	1.85	45.1	11.7	14	16.20	768
M354620		2.82	0.116	1.38	6.89	103.0	1180	1.77	17.10	3.51	0.39	55.9	7.3	14	15.50	191.0
M354621		5.50	0.040	0.17	6.62	38.4	560	1.64	0.33	3.46	0.24	54.9	5.9	14	14.85	19.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219358

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354586		3.60	16.85	0.19	1.6	0.125	3.99	18.2	14.6	0.80	642	24.8	0.48	7.1	5.0	640
M354587		2.61	16.05	0.20	1.6	0.048	3.81	20.5	19.8	0.80	209	38.9	1.26	7.7	4.6	600
M354588		3.31	18.05	0.21	1.7	0.070	3.99	22.7	27.3	0.94	483	51.3	0.91	8.4	6.1	750
M354589		7.52	13.60	0.20	1.0	4.65	2.23	14.8	31.2	0.60	3020	15.25	0.08	5.8	13.5	430
M354590		3.30	17.45	0.19	1.6	0.094	3.79	19.8	15.1	0.81	648	34.4	0.60	7.0	5.0	680
M354591		4.95	20.7	0.22	1.1	0.119	2.64	21.9	22.2	1.72	723	57.8	0.91	7.5	7.4	1040
M354592		4.68	21.2	0.21	0.7	0.175	2.34	18.0	21.5	1.96	461	45.7	1.41	6.3	6.8	890
M354593		4.58	20.5	0.21	0.8	0.047	2.28	19.1	20.7	1.72	429	28.8	1.17	6.7	6.2	870
M354594		5.36	16.40	0.22	0.7	0.077	2.52	23.4	19.6	1.22	432	49.4	0.07	5.3	4.8	680
M354595		0.47	0.35	0.10	<0.1	<0.005	0.04	0.8	1.5	12.60	216	0.70	0.01	0.3	1.6	180
M354596		3.44	20.1	0.19	0.8	0.063	2.00	28.7	27.5	1.60	309	25.1	1.13	7.2	5.0	830
M354597		6.76	13.90	0.10	1.0	3.45	2.70	15.5	7.6	0.71	700	87.1	0.04	3.1	3.8	340
M354598		2.09	11.70	0.09	1.5	0.080	3.00	4.8	6.9	0.54	763	34.9	0.04	2.4	1.2	150
M354599		2.97	14.30	0.09	1.7	0.197	3.84	4.2	10.5	0.38	456	83.8	0.08	3.1	1.8	180
M354600		2.67	13.40	0.11	1.6	0.169	3.69	4.9	10.4	0.38	484	89.1	0.07	2.8	1.6	160
M354601		1.80	14.65	0.11	1.8	0.151	4.16	6.9	11.1	0.40	458	60.8	0.08	3.7	1.5	180
M354602		2.29	13.05	0.11	1.8	0.154	3.20	4.9	10.1	0.29	201	139.5	0.04	2.4	1.3	150
M354603		2.69	14.30	0.08	1.4	0.116	3.08	6.0	19.2	0.58	323	66.7	0.04	2.4	1.8	310
M354604		1.85	9.86	0.10	0.8	0.177	2.10	3.3	14.3	1.16	1640	87.4	0.03	1.5	2.0	190
M354605		0.48	0.22	0.12	<0.1	<0.005	0.03	0.5	1.1	12.95	229	0.45	<0.01	0.1	1.8	190
M354606		2.38	16.40	0.13	0.9	0.186	3.35	8.1	16.5	0.51	430	68.5	0.07	2.0	4.0	1010
M354607		3.12	19.60	0.13	1.3	0.172	4.40	6.5	23.8	0.60	338	147.0	0.11	2.6	4.1	660
M354608		3.21	15.50	0.18	1.4	0.171	3.72	5.2	20.0	0.82	714	104.0	0.07	2.7	3.4	480
M354609		5.47	13.50	0.20	1.1	0.371	2.60	4.6	13.8	1.32	1120	194.5	0.04	1.8	4.7	260
M354610		3.20	14.60	0.18	1.4	0.207	3.35	7.6	20.5	0.57	681	135.5	0.06	2.2	4.2	300
M354611		7.86	12.95	0.20	1.0	4.86	2.34	16.7	30.6	0.62	3150	15.85	0.08	5.9	13.4	450
M354612		4.38	17.35	0.18	1.2	0.264	3.69	6.9	15.0	0.56	451	113.5	0.07	1.8	5.4	150
M354613		6.71	13.70	0.21	1.0	0.437	2.34	11.1	15.6	1.14	2080	154.0	0.03	1.5	6.2	250
M354614		4.04	15.60	0.18	1.3	0.354	2.99	6.8	14.8	0.94	819	102.5	0.04	2.2	4.9	440
M354615		3.78	16.45	0.19	1.5	0.149	3.11	6.7	23.0	0.98	433	102.0	0.04	3.4	3.6	430
M354616		3.65	17.75	0.22	1.5	0.149	3.67	12.1	18.5	1.16	499	120.0	0.09	4.9	4.5	700
M354617		3.54	17.20	0.22	1.5	0.138	3.68	13.2	17.9	1.12	469	105.5	0.09	4.7	4.3	680
M354618		4.13	17.95	0.23	1.5	0.109	3.42	10.6	8.8	1.32	617	84.4	0.04	4.4	5.2	690
M354619		3.38	17.45	0.15	1.9	0.136	3.17	22.6	11.0	1.17	782	28.6	0.05	6.7	6.3	640
M354620		2.86	17.65	0.16	2.8	0.065	2.96	28.3	13.8	1.42	1010	4.46	0.05	9.1	6.3	880
M354621		2.21	16.70	0.15	2.6	0.022	2.93	28.7	18.7	1.40	889	1.70	0.05	8.8	5.6	750

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219358

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354586		52.4	149.5	0.023	2.12	4.68	8.0	3	3.8	183.0	0.55	0.11	8.9	0.189	2.40	3.2
M354587		28.3	123.5	0.024	1.44	1.43	7.4	2	2.6	278	0.60	0.07	9.5	0.188	1.55	3.0
M354588		40.1	146.0	0.054	1.90	2.39	9.3	3	3.4	221	0.64	0.09	10.1	0.216	1.94	3.5
M354589		9410	129.0	0.002	6.67	212	7.4	2	8.6	117.5	0.43	0.49	7.2	0.174	2.03	4.5
M354590		46.1	139.5	0.020	1.84	5.54	8.0	2	3.6	230	0.53	0.07	9.0	0.192	2.38	3.8
M354591		68.5	118.5	0.065	2.17	5.95	17.1	3	4.1	347	0.50	0.07	6.6	0.358	1.86	2.9
M354592		295	95.2	0.029	1.98	1.68	17.9	3	4.9	458	0.39	0.07	4.8	0.411	1.69	1.9
M354593		49.4	111.0	0.031	2.27	4.79	17.7	3	4.2	1020	0.45	0.05	5.7	0.393	1.64	2.7
M354594		45.6	123.0	0.023	4.30	7.40	13.6	6	5.3	147.0	0.35	0.12	5.3	0.293	1.78	2.6
M354595		1.6	2.1	<0.002	0.02	0.09	0.3	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M354596		22.2	84.9	0.019	0.92	5.21	16.4	2	3.6	1260	0.50	<0.05	6.7	0.373	1.43	2.4
M354597		1580	124.0	0.076	7.33	43.4	6.2	3	14.2	30.8	0.32	0.07	13.4	0.145	2.59	2.7
M354598		106.0	141.0	0.048	1.77	14.95	2.0	1	3.1	26.5	0.37	0.07	21.3	0.055	2.82	2.7
M354599		200	159.0	0.063	2.88	3.89	2.2	2	9.0	58.8	0.44	0.12	23.1	0.062	2.32	3.9
M354600		173.0	148.0	0.080	2.57	4.64	2.0	2	8.0	51.1	0.41	0.15	23.3	0.060	2.14	4.1
M354601		63.1	161.5	0.030	1.45	2.61	2.5	1	7.0	88.0	0.53	0.06	26.1	0.067	2.52	3.9
M354602		81.0	139.0	0.075	2.16	22.5	1.4	1	6.5	31.6	0.38	0.29	22.0	0.056	2.46	3.6
M354603		89.7	127.0	0.054	2.52	56.6	3.8	2	7.6	31.7	0.29	0.06	16.6	0.110	2.02	3.2
M354604		141.5	107.0	0.111	1.32	94.2	1.1	1	6.1	46.0	0.18	0.16	8.7	0.063	1.52	1.9
M354605		1.7	1.6	0.002	0.01	0.37	0.2	<1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M354606		50.2	141.5	0.030	2.07	34.3	1.8	3	8.3	54.1	0.19	0.10	6.6	0.105	1.96	1.8
M354607		25.9	167.5	0.061	2.50	33.3	4.1	3	10.3	86.5	0.23	0.11	10.7	0.139	2.19	2.9
M354608		57.9	152.0	0.036	2.61	53.1	6.2	3	9.4	64.8	0.24	0.10	11.2	0.138	2.21	3.2
M354609		294	116.0	0.065	5.30	182.0	2.9	5	12.7	52.4	0.16	0.46	9.0	0.089	1.85	4.7
M354610		49.4	139.5	0.044	2.76	35.1	4.3	4	8.8	48.1	0.20	0.09	12.1	0.115	2.13	2.7
M354611		9760	131.5	0.002	6.97	222	7.3	2	8.9	119.5	0.46	0.53	7.3	0.181	2.16	4.7
M354612		76.4	159.5	0.046	3.60	15.55	2.2	4	7.9	61.8	0.16	0.13	9.1	0.097	2.43	2.6
M354613		228	119.5	0.060	6.48	185.0	3.2	5	7.3	60.4	0.13	0.22	8.2	0.081	2.42	2.7
M354614		243	145.5	0.041	3.64	367	5.0	5	11.0	48.1	0.18	0.12	10.3	0.110	2.33	2.7
M354615		91.9	156.0	0.051	2.66	92.7	7.2	3	7.1	65.0	0.29	0.08	11.2	0.164	2.36	3.3
M354616		24.4	150.0	0.042	2.04	90.8	9.4	3	7.3	110.5	0.40	0.07	11.2	0.216	2.55	3.2
M354617		23.9	157.0	0.040	1.97	77.8	9.5	3	7.0	103.5	0.40	0.06	11.5	0.211	2.45	3.2
M354618		32.1	161.5	0.038	2.59	105.0	8.9	3	6.1	89.6	0.37	0.10	11.2	0.206	2.81	3.3
M354619		65.6	182.5	0.013	2.05	26.4	11.3	3	4.6	130.5	0.55	0.27	12.2	0.215	2.94	5.0
M354620		31.8	149.0	0.002	1.02	41.3	7.3	4	2.3	220	0.67	0.16	9.6	0.239	2.83	6.0
M354621		7.7	163.5	0.002	0.29	13.50	6.9	2	1.3	106.5	0.65	<0.05	9.8	0.228	2.75	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219358

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M354586		63	7.7	11.3	215	48.3		
M354587		56	5.4	10.1	103	47.5		
M354588		69	6.1	11.6	144	52.5		
M354589		51	4.3	9.0	>10000	28.2	117	1.650
M354590		64	9.8	11.0	143	48.6		
M354591		132	8.2	17.5	159	34.2		
M354592		149	10.6	16.6	711	16.1		
M354593		140	21.2	16.7	119	17.2		
M354594		109	23.8	16.1	92	15.3		
M354595		3	0.2	0.9	18	<0.5		
M354596		128	5.6	16.0	107	17.7		
M354597		56	12.0	7.1	>10000	27.7		1.295
M354598		21	5.4	3.0	265	40.4		
M354599		27	8.3	2.7	437	48.7		
M354600		26	8.3	2.6	346	44.4		
M354601		28	5.7	3.3	147	51.2		
M354602		23	6.2	2.7	136	53.4		
M354603		50	9.6	3.4	271	35.4		
M354604		27	6.1	2.5	298	24.5		
M354605		2	0.1	0.7	15	<0.5		
M354606		51	10.4	4.8	121	27.9		
M354607		74	9.6	4.1	67	38.1		
M354608		84	10.5	3.8	169	41.9		
M354609		58	10.8	3.4	623	33.4		
M354610		67	9.3	3.5	146	41.6		
M354611		53	4.5	9.1	>10000	29.2	116	1.615
M354612		63	7.1	2.9	216	38.7		
M354613		84	6.7	4.7	599	29.8		
M354614		63	8.2	5.5	468	39.9		
M354615		72	7.1	7.1	313	45.0		
M354616		83	5.9	9.5	123	45.4		
M354617		82	5.6	9.3	120	43.7		
M354618		88	6.1	11.1	195	45.4		
M354619		62	4.7	11.6	164	68.6		
M354620		55	4.1	12.1	94	110.0		
M354621		50	2.7	12.0	64	102.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219358

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219359

Project: Klaza - 134

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219359

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354550		3.60	0.099	1.51	7.68	22.1	1680	1.84	0.83	0.91	4.95	51.4	18.4	39	16.30	1295
M354551		7.49	0.104	1.69	7.65	17.3	1610	1.72	2.88	1.30	1.54	56.1	14.3	16	9.78	1320
M354552		7.72	0.091	1.53	7.82	19.0	520	1.67	2.02	1.59	1.62	53.4	13.8	15	9.06	1195
M354553		2.86	0.149	1.30	8.00	31.3	950	1.64	1.03	2.03	1.86	53.7	16.8	16	9.52	1100
M354554		0.26	4.35	>100	5.46	6600	870	1.20	54.0	2.02	232	31.8	10.7	18	12.25	1325
M354555		5.27	0.075	1.01	7.48	9.9	1370	1.58	0.75	2.40	1.58	45.0	14.2	15	8.86	846
M354556		8.43	0.114	1.20	8.18	28.0	1810	1.72	0.55	2.55	3.87	46.8	18.5	15	25.4	959
M354557		8.75	0.081	0.94	7.99	17.6	1820	1.41	0.53	2.75	1.01	37.9	19.8	26	12.90	762
M354558		8.06	0.066	1.33	7.99	25.3	1630	1.39	1.20	2.14	1.99	40.7	21.7	21	13.20	692
M354559		3.37	0.078	1.03	8.47	19.0	1180	1.83	0.82	1.80	3.49	45.0	22.6	19	18.60	874
M354560		3.37	<0.005	0.01	0.07	<5	20	0.05	0.03	20.6	0.07	1.26	1.6	<1	0.22	6.0
M354561		7.06	0.060	1.09	8.07	16.2	440	1.41	0.80	2.12	5.21	42.0	20.8	22	13.75	900
M354562		7.40	0.046	2.03	8.05	52.1	470	1.89	2.18	2.02	5.81	64.0	12.6	18	19.10	212
M354563		2.98	0.028	0.54	6.86	35.5	400	1.89	0.91	2.56	2.19	53.9	8.3	14	16.85	116.5
M354564		4.55	0.020	0.12	6.69	22.4	630	1.74	0.18	2.75	0.19	48.0	6.4	14	17.20	5.3
M354565		1.96	0.020	0.09	6.76	25.3	690	1.81	0.17	2.83	0.15	50.3	6.7	14	17.10	3.8
M354566		2.79	0.059	1.58	7.58	29.8	2060	1.25	2.28	3.35	1.70	38.1	21.0	38	19.90	363
M354567		3.11	0.055	1.11	7.40	13.6	700	1.25	0.84	3.20	7.83	37.5	20.8	40	18.85	637
M354568		3.70	0.089	3.87	7.77	39.9	900	1.26	4.21	2.19	4.90	40.7	17.6	22	24.4	523
M354569		3.40	0.189	0.66	7.17	8.5	1030	1.14	0.62	2.55	0.92	32.2	16.0	19	10.50	519
M354570		8.44	0.046	0.65	7.27	7.1	1080	1.24	0.52	2.73	0.32	37.9	17.0	23	7.30	530
M354571		0.26	4.51	>100	5.04	6760	1110	1.10	60.4	1.91	212	29.6	8.5	16	10.05	1220
M354572		7.38	0.050	0.78	7.32	11.8	1120	1.29	0.60	2.95	0.66	38.2	16.3	22	7.18	542
M354573		9.33	0.054	1.38	7.26	19.4	1190	1.40	1.24	2.45	3.83	35.1	23.9	22	7.15	623
M354574		8.61	0.073	0.77	7.63	10.6	1020	1.18	0.54	3.27	3.84	44.6	14.2	21	8.61	464
M354575		5.91	0.081	0.65	7.73	11.7	1560	1.21	0.50	4.14	2.70	45.7	14.4	19	11.10	474
M354576		4.36	0.040	1.38	8.03	25.7	890	1.49	1.08	2.20	14.10	49.2	18.1	21	22.6	703
M354577		4.12	<0.005	0.05	0.07	<5	50	0.05	0.03	20.0	0.08	1.02	0.6	<1	0.20	5.1
M354578		3.29	0.034	2.05	7.61	42.0	440	1.37	0.77	3.08	6.60	47.0	15.7	18	17.45	512
M354579		3.82	0.362	53.1	6.95	374	90	0.78	41.4	0.83	155.0	38.2	21.8	20	11.70	222
M354580		6.79	0.059	1.29	7.10	37.7	1830	1.36	1.20	3.53	4.90	39.7	13.5	20	12.35	427
M354581		8.73	0.042	0.88	6.84	42.5	2220	1.49	0.62	3.52	0.72	37.9	13.3	19	15.85	431
M354582		<0.02	0.039	0.72	6.74	39.1	2210	1.31	0.52	3.30	0.49	36.3	12.4	19	15.00	401
M354583		8.56	0.018	0.29	6.67	27.1	1320	1.65	0.16	2.99	0.58	38.9	7.7	11	21.0	81.0
M354584		8.11	0.023	0.56	6.66	31.9	830	1.60	0.36	3.38	0.40	41.7	10.9	13	19.15	291
M354585		7.89	0.051	0.94	6.99	11.0	1280	1.24	0.72	2.76	0.45	39.3	14.8	27	10.10	820

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219359

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354550		4.73	18.75	0.19	1.2	0.125	2.70	27.1	19.0	1.01	426	108.5	0.75	6.9	12.7	900
M354551		5.03	18.90	0.22	0.9	0.138	2.98	27.7	17.7	1.53	372	26.8	1.35	7.4	7.6	990
M354552		5.52	18.10	0.20	1.0	0.134	2.94	26.5	16.8	1.67	358	27.5	1.50	7.7	7.6	1110
M354553		4.70	18.50	0.22	1.0	0.095	2.82	27.1	17.5	1.86	270	69.2	1.66	7.7	7.7	1170
M354554		8.47	12.60	0.17	1.1	4.71	2.38	17.1	30.5	0.64	3280	16.20	0.08	5.7	15.5	470
M354555		4.17	17.70	0.20	1.0	0.081	2.40	22.7	15.2	1.58	333	52.4	1.75	7.7	6.8	1030
M354556		4.67	18.20	0.20	0.9	0.083	2.67	24.3	12.5	1.16	591	46.7	1.14	7.4	7.3	1130
M354557		5.58	19.90	0.20	0.9	0.095	2.09	17.9	15.9	2.24	555	30.3	1.72	6.2	8.7	1080
M354558		6.05	20.1	0.21	0.9	0.120	2.02	19.8	20.6	2.00	465	58.6	1.41	5.9	6.3	1020
M354559		5.35	20.5	0.21	0.8	0.105	2.47	22.6	20.6	0.93	446	45.5	0.48	6.3	6.9	960
M354560		0.49	0.38	0.20	<0.1	<0.005	0.03	0.6	0.9	12.90	212	0.25	0.01	0.3	1.5	180
M354561		5.82	20.5	0.15	0.8	0.110	1.98	20.0	25.8	1.30	898	38.7	0.67	6.2	6.7	1100
M354562		3.49	21.2	0.21	2.1	0.071	2.80	33.6	22.0	0.88	999	6.93	0.07	10.0	6.6	960
M354563		2.44	18.10	0.18	2.2	0.033	2.49	27.8	17.3	0.95	862	2.14	0.57	9.5	5.9	780
M354564		2.17	18.95	0.20	2.3	0.029	2.57	23.9	10.2	0.92	709	0.95	1.32	10.0	5.5	810
M354565		2.15	18.15	0.19	2.2	0.028	2.54	25.6	9.8	0.95	722	0.83	1.30	9.9	5.6	790
M354566		6.86	17.20	0.21	1.1	0.095	2.09	19.2	26.1	2.23	807	27.4	0.79	5.9	9.2	830
M354567		5.86	17.90	0.17	1.0	0.106	1.92	18.7	28.9	2.33	1000	55.3	0.81	5.6	8.6	760
M354568		6.68	16.85	0.19	0.8	1.115	2.74	20.5	14.5	1.15	831	30.2	0.20	5.2	5.1	810
M354569		5.11	16.70	0.10	0.8	0.052	1.95	14.7	25.4	1.93	387	68.3	1.23	6.4	5.1	940
M354570		5.11	18.10	0.14	1.0	0.056	2.13	17.3	14.2	2.23	376	41.4	1.80	6.3	5.4	1110
M354571		7.55	11.65	0.10	1.1	4.38	2.21	15.1	29.0	0.61	2940	12.90	0.08	4.8	12.5	430
M354572		5.18	18.90	0.13	1.0	0.076	2.07	17.5	13.4	2.26	420	29.7	1.86	6.4	5.4	1150
M354573		5.48	18.60	0.11	0.9	0.392	2.00	15.6	14.8	2.15	464	33.4	1.70	6.8	6.9	1130
M354574		4.99	19.25	0.12	1.0	0.071	1.84	20.0	15.4	2.23	485	16.15	1.93	6.6	5.0	1140
M354575		4.95	18.10	0.13	1.0	0.080	2.03	23.3	19.5	2.23	691	96.3	1.30	6.9	4.9	1070
M354576		5.16	17.40	0.15	1.0	0.075	2.82	25.5	20.4	1.26	1810	25.6	0.08	11.8	4.3	1110
M354577		0.47	0.23	0.10	<0.1	0.005	0.03	0.5	1.1	12.50	214	0.43	0.01	0.4	1.3	170
M354578		5.25	17.55	0.17	0.8	0.145	2.93	23.7	17.9	1.32	1990	23.7	0.05	6.0	4.6	1080
M354579		14.60	14.05	0.19	1.0	0.226	3.25	18.3	3.0	0.39	549	27.8	0.04	5.3	6.8	890
M354580		5.11	18.35	0.12	1.0	0.187	2.04	18.4	22.3	1.57	740	11.75	1.04	6.4	4.8	1050
M354581		4.20	18.25	0.12	1.1	0.072	2.11	17.9	30.9	1.37	524	40.3	1.16	6.6	4.8	1000
M354582		4.15	17.40	0.11	1.1	0.079	1.99	17.3	29.1	1.34	490	27.3	1.14	6.4	4.4	980
M354583		2.84	16.75	0.15	2.9	0.049	2.53	19.6	22.5	1.06	592	4.49	1.16	8.9	4.0	800
M354584		3.52	18.05	0.14	2.5	0.066	2.39	20.0	23.4	1.35	554	10.40	1.39	8.2	4.5	840
M354585		4.55	18.65	0.14	1.4	0.085	2.36	19.0	24.3	1.69	268	16.70	1.57	7.0	5.7	1010

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219359

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354550		50.4	124.5	0.038	1.01	4.05	17.0	3	4.4	202	0.50	0.20	8.9	0.337	1.75	3.0
M354551		41.5	115.0	0.014	1.84	1.59	18.0	3	6.6	298	0.54	0.44	10.3	0.369	1.64	2.8
M354552		69.4	100.5	0.020	2.60	1.08	18.1	4	5.9	322	0.57	0.42	11.1	0.378	1.53	3.2
M354553		41.6	97.2	0.051	2.26	1.10	18.5	4	5.3	348	0.53	0.16	10.0	0.387	1.48	2.2
M354554		>10000	131.0	0.002	7.18	228	8.1	3	8.4	119.5	0.47	0.49	8.2	0.187	2.16	5.2
M354555		24.6	84.9	0.036	1.61	0.97	17.5	3	4.1	348	0.51	0.17	11.2	0.370	1.24	2.1
M354556		32.8	106.0	0.032	1.63	4.47	18.4	4	3.2	268	0.54	0.10	11.1	0.395	1.68	2.3
M354557		24.4	67.1	0.031	1.05	1.81	24.1	4	3.5	467	0.42	0.09	5.3	0.474	1.37	1.5
M354558		68.9	76.9	0.031	1.75	2.13	22.6	5	3.9	415	0.37	0.15	4.8	0.487	1.44	1.5
M354559		24.4	110.0	0.030	1.74	7.65	22.8	4	5.1	264	0.43	0.16	6.3	0.471	1.54	2.4
M354560		1.5	1.4	<0.002	<0.01	<0.05	0.4	1	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M354561		37.2	73.1	0.028	2.22	6.99	20.7	4	4.1	335	0.41	0.12	5.0	0.456	1.26	2.0
M354562		488	139.0	0.008	0.46	11.30	10.8	4	7.2	93.3	0.77	1.17	10.8	0.315	2.44	5.3
M354563		24.5	114.5	0.016	0.21	4.23	6.8	2	1.7	114.0	0.75	0.28	9.6	0.237	2.06	4.7
M354564		18.8	108.5	0.002	0.13	4.02	6.4	2	1.5	172.0	0.81	<0.05	8.4	0.245	2.24	3.7
M354565		17.3	114.0	0.002	0.15	3.95	6.5	2	1.5	170.5	0.79	<0.05	8.9	0.237	2.18	4.0
M354566		86.5	90.1	0.028	3.94	2.89	27.4	5	6.1	369	0.41	0.30	5.4	0.494	1.64	2.4
M354567		94.2	76.5	0.032	2.04	2.53	28.2	4	4.0	399	0.39	0.11	4.9	0.523	1.61	1.9
M354568		159.5	114.5	0.013	3.86	3.55	21.1	7	6.4	187.0	0.38	1.11	6.4	0.409	2.12	3.2
M354569		18.2	64.2	0.043	2.32	1.42	17.2	3	3.2	340	0.39	0.08	5.0	0.438	1.39	1.2
M354570		10.1	58.1	0.036	1.73	0.74	18.4	2	3.3	481	0.43	0.09	5.1	0.492	1.13	1.2
M354571		9370	124.5	<0.002	6.80	216	6.6	1	7.7	115.0	0.40	0.43	8.3	0.178	2.13	5.1
M354572		18.9	59.6	0.045	1.42	1.10	18.6	2	3.6	509	0.44	0.08	5.1	0.504	1.27	1.3
M354573		68.7	60.7	0.023	2.11	1.15	17.9	4	4.1	464	0.42	0.08	4.8	0.490	1.49	1.2
M354574		126.5	64.8	0.024	1.40	1.05	19.3	2	3.7	514	0.44	0.07	5.8	0.502	1.23	1.7
M354575		20.9	83.7	0.050	1.07	1.82	18.1	1	3.1	464	0.43	0.07	6.6	0.477	1.33	3.6
M354576		123.5	143.5	0.019	2.81	4.78	19.0	2	5.3	73.4	0.39	0.19	7.2	0.451	2.74	3.3
M354577		1.6	1.4	<0.002	<0.01	0.07	0.3	<1	0.2	36.4	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M354578		262	144.0	0.015	2.45	5.46	17.8	1	4.0	72.1	0.41	0.05	6.4	0.460	2.94	2.9
M354579		4870	115.5	0.016	>10.0	11.40	14.8	27	21.8	29.7	0.37	17.95	4.8	0.401	2.98	2.8
M354580		166.0	65.2	0.008	1.89	4.12	17.1	2	4.8	490	0.46	0.20	5.7	0.475	1.73	2.4
M354581		37.3	64.4	0.029	1.05	6.25	15.7	2	3.1	4640	0.47	0.09	5.8	0.462	1.50	2.3
M354582		26.8	64.0	0.016	1.04	5.87	15.0	1	3.0	4530	0.46	<0.05	5.6	0.431	1.40	2.3
M354583		39.0	85.3	0.006	0.26	4.73	8.9	1	1.9	426	0.67	0.05	7.8	0.331	1.89	4.9
M354584		24.5	77.9	0.007	0.72	5.51	11.3	2	2.5	747	0.62	0.06	7.2	0.355	1.65	3.5
M354585		15.0	85.7	0.012	2.12	1.71	15.3	2	3.7	685	0.54	0.13	7.2	0.388	1.47	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219359

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M354550		123	6.0	22.8	308	45.5			
M354551		138	9.1	20.4	210	28.4			
M354552		143	13.3	20.5	196	27.9			
M354553		148	7.0	19.8	129	31.0			
M354554		53	5.0	9.1	>10000	35.8	123	1.000	1.590
M354555		123	6.3	18.3	142	31.6			
M354556		146	9.1	20.0	196	27.4			
M354557		181	5.5	19.1	214	22.6			
M354558		184	7.6	19.3	279	25.3			
M354559		169	6.4	20.9	232	20.3			
M354560		2	0.1	0.8	15	<0.5			
M354561		169	18.4	20.4	319	18.7			
M354562		85	8.0	16.1	472	75.5			
M354563		54	3.1	13.7	189	81.8			
M354564		53	1.8	11.2	97	81.6			
M354565		52	1.7	11.6	92	81.5			
M354566		192	16.1	15.9	235	28.6			
M354567		201	10.1	17.3	612	23.2			
M354568		167	25.3	14.4	563	20.1			
M354569		162	6.8	13.9	167	14.7			
M354570		171	5.2	17.0	95	16.8			
M354571		50	4.1	7.9	>10000	28.1	117		1.570
M354572		174	6.5	17.5	106	18.0			
M354573		173	7.4	15.9	358	17.2			
M354574		172	7.4	18.7	353	18.9			
M354575		162	4.9	18.2	121	19.7			
M354576		166	18.8	20.6	590	20.3			
M354577		3	0.1	0.7	14	<0.5			
M354578		162	9.3	16.6	789	15.7			
M354579		151	38.1	12.2	>10000	18.9			1.040
M354580		161	12.2	14.8	468	20.6			
M354581		154	6.2	14.5	138	25.8			
M354582		142	6.0	13.9	117	25.9			
M354583		90	3.8	11.1	133	86.3			
M354584		105	6.2	13.1	101	75.1			
M354585		132	9.0	15.1	76	35.1			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12219359

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
This copy reported on 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219371

Project: Klaza - 102

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12219371

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N814313		0.34	7.04	127.0	1440	1.52	1.52	1.94	0.69	51.1	56.4	9	20.3	8.8	4.52	17.80
N814314		0.02	7.75	18.1	1870	1.73	5.84	4.46	0.09	45.0	4.5	8	27.3	1.9	5.40	27.7
N814315		0.06	7.51	6.9	890	1.49	1.67	1.49	0.10	59.7	8.0	9	16.50	4.8	3.33	16.75
N814316		0.04	7.36	3.0	2150	1.71	0.08	2.80	0.08	50.4	8.0	11	8.01	3.8	3.04	16.80
N814317		10.65	6.69	1460	1290	1.78	6.71	1.94	46.5	48.0	17.7	19	17.05	112.5	5.37	16.40
N814318		0.09	7.24	8.4	2010	1.48	0.09	2.90	0.22	50.3	7.3	10	7.50	5.2	3.08	15.65
N814319		0.06	7.57	6.0	2320	1.73	0.05	2.80	0.12	50.6	8.3	12	8.09	4.2	3.31	17.40
N814320		0.08	7.60	5.0	2050	1.58	0.19	2.56	0.11	50.9	7.4	11	9.15	4.9	3.15	17.30
N814321		0.91	8.07	56.8	3390	2.00	2.15	2.80	1.04	55.0	5.1	8	28.6	133.0	6.05	26.1
N814322		0.33	7.83	25.7	2440	1.62	2.36	2.62	0.15	48.5	17.6	8	19.35	4.5	5.00	20.6
N814323		0.03	0.09	6	30	0.06	0.04	20.3	0.08	1.49	0.8	<1	0.47	2.5	0.51	0.36
N814324		0.05	6.63	7.6	770	1.36	2.28	3.05	0.11	44.9	6.7	8	14.15	4.4	3.09	15.95
N814325		0.06	7.43	2.8	2300	1.47	0.08	3.00	0.07	45.9	8.0	12	6.37	9.2	3.23	17.05
N814326		0.05	7.52	3.8	2310	1.54	0.08	2.82	0.05	47.3	7.9	13	6.46	3.3	3.23	16.30
N814327		0.04	7.06	4.2	2130	1.55	0.06	2.66	0.06	46.8	7.5	11	5.76	4.2	3.08	15.90
N814328		0.05	7.19	4.3	2100	1.68	0.20	2.97	0.07	47.4	8.6	11	6.24	3.5	3.20	16.65
N814329		0.04	7.18	4.3	2220	1.55	0.16	2.86	0.07	43.7	8.4	10	6.05	4.1	3.18	16.90
N814330		0.04	7.31	4.8	1890	1.66	0.35	2.92	0.09	48.7	8.7	11	8.74	3.7	3.07	18.15
N814331		0.06	7.36	6.8	2120	1.74	0.15	2.88	0.05	45.0	8.1	12	9.82	5.7	3.09	17.00
N814332		27.3	6.15	2890	1640	1.38	22.0	2.32	84.4	44.6	11.1	19	14.60	462	6.89	15.10
N814333		0.19	7.58	15.3	2240	1.63	0.17	2.80	0.37	47.3	8.3	12	9.44	4.5	3.33	17.10
N814334		1.08	6.85	252	1290	1.86	0.43	2.92	3.55	43.0	10.6	9	23.0	7.4	3.63	16.45
N814335		0.05	0.07	5	20	0.07	0.03	20.3	0.11	1.35	0.7	<1	0.32	5.7	0.49	0.26
N814336		0.08	7.55	4.1	2230	1.62	0.09	2.92	0.13	49.6	8.4	11	10.55	4.5	3.28	17.95
N814337		0.07	7.21	5.4	2130	1.67	0.15	2.95	0.09	45.6	7.9	11	7.39	6.0	3.16	17.05
N814338		0.07	6.98	4.5	2030	1.55	0.17	3.09	0.06	39.1	7.7	12	9.55	3.9	3.10	16.25
N814339		0.13	7.09	7.5	1360	1.49	0.56	2.95	0.08	46.0	9.4	10	10.75	2.4	3.35	15.70
N814340		0.06	6.90	4.4	1810	1.46	0.28	2.79	0.12	42.7	7.0	10	10.40	3.9	3.06	15.80
N814341		1.05	6.69	35.1	2320	1.55	1.40	3.35	1.71	47.5	15.8	10	20.7	5.2	3.12	14.25
N814342		0.08	7.03	4.0	2050	1.69	0.14	2.92	0.09	43.4	8.2	12	10.55	2.8	3.08	17.10
N814343		0.04	7.06	3.8	2040	1.60	0.15	2.91	0.08	42.9	8.2	11	10.30	2.4	3.08	16.50
N814344		0.06	7.34	3.5	2360	1.73	0.18	3.01	0.07	45.4	9.3	14	8.45	3.9	3.23	17.50
N814345		0.06	7.00	6.0	1560	1.61	0.64	2.86	0.07	46.0	8.0	12	8.35	2.4	3.28	16.05
N814346		0.06	7.45	5.2	2450	1.80	0.09	2.76	0.10	48.5	7.9	11	7.22	3.7	3.02	16.50
N814347		0.04	7.43	4.0	1970	1.56	0.12	2.77	0.07	44.2	7.5	12	8.81	5.9	3.03	14.90
N814348		0.05	7.36	6.6	1940	1.46	0.21	2.80	0.08	40.6	8.6	13	10.50	6.9	3.26	15.15

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12219371

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N814313		0.16	1.1	0.288	2.93	25.7	29.2	0.63	2390	1.18	0.10	7.9	4.4	600	91.5	187.0
N814314		0.14	1.3	0.613	2.10	20.0	44.3	0.66	1150	0.68	0.54	8.7	1.7	660	24.8	73.5
N814315		0.15	1.4	0.119	1.14	29.7	37.9	0.95	709	0.46	1.29	8.2	2.6	630	18.6	61.8
N814316		0.14	1.3	0.037	2.42	25.1	18.5	0.81	646	0.57	2.26	7.9	2.6	600	16.9	86.7
N814317		0.15	1.4	0.965	2.91	23.5	28.1	0.70	2010	12.50	0.27	7.7	16.7	510	1400	176.0
N814318		0.16	1.3	0.034	2.45	24.4	16.2	0.82	655	0.56	2.21	7.3	2.4	580	20.2	90.9
N814319		0.16	1.3	0.034	2.58	24.8	18.1	0.94	688	0.58	2.37	8.4	2.8	640	17.7	91.9
N814320		0.14	1.4	0.040	2.61	24.7	19.5	0.77	679	0.50	1.96	8.1	2.6	630	19.4	92.3
N814321		0.16	1.2	0.437	3.74	25.5	50.3	0.95	2030	0.51	0.08	9.1	3.3	720	46.7	147.5
N814322		0.14	1.0	0.241	2.77	23.3	29.9	0.88	1100	0.50	1.25	7.7	3.1	650	15.5	114.0
N814323		0.08	<0.1	0.006	0.04	0.7	1.4	12.60	217	0.18	0.01	0.2	1.7	180	1.6	2.9
N814324		0.15	1.0	0.163	1.04	22.6	38.9	0.66	644	0.48	0.99	7.0	2.2	550	15.3	43.4
N814325		0.14	1.3	0.036	2.38	21.7	16.1	0.82	662	0.46	2.18	8.0	2.8	650	16.6	76.4
N814326		0.13	1.2	0.033	2.38	23.7	14.3	0.97	680	0.50	2.31	7.6	2.7	630	16.1	83.6
N814327		0.14	1.2	0.031	2.34	22.7	13.7	0.90	639	0.48	2.20	7.5	2.7	600	15.4	88.2
N814328		0.13	1.3	0.040	2.43	22.5	13.8	0.87	704	0.53	2.16	7.8	2.7	620	15.3	87.0
N814329		0.15	1.5	0.036	2.47	20.6	13.2	0.90	688	0.56	2.19	7.9	2.9	620	15.5	85.8
N814330		0.17	1.4	0.040	2.24	23.5	14.2	0.79	669	0.56	2.19	8.7	2.8	630	14.5	94.6
N814331		0.16	1.3	0.032	2.48	21.4	13.7	0.79	626	0.60	2.28	8.0	2.7	610	17.1	85.0
N814332		0.13	1.0	1.800	2.81	23.7	25.0	0.94	1980	12.80	0.05	5.9	16.1	460	3030	168.0
N814333		0.15	1.3	0.040	2.51	22.6	13.5	0.85	680	4.35	2.30	8.2	2.9	630	26.6	85.6
N814334		0.15	1.0	0.062	2.77	20.2	61.9	0.83	1620	0.72	0.39	7.4	2.9	570	202	114.0
N814335		0.08	<0.1	0.005	0.03	0.6	1.4	12.75	205	0.31	0.01	0.3	1.2	170	3.2	1.9
N814336		0.16	1.3	0.036	2.45	24.2	16.4	0.90	720	0.62	2.32	8.4	2.9	630	17.4	85.0
N814337		0.16	1.2	0.046	2.60	21.4	12.0	0.86	763	22.3	2.11	8.1	2.8	590	17.3	96.2
N814338		0.13	1.2	0.038	2.04	18.4	13.9	0.73	716	0.72	2.22	7.8	2.7	620	16.4	66.3
N814339		0.14	1.2	0.078	1.62	21.7	17.2	0.92	948	0.43	2.10	7.5	2.6	600	20.8	66.3
N814340		0.15	1.2	0.043	1.87	19.9	46.9	0.79	714	0.47	1.98	7.4	2.5	590	17.3	64.3
N814341		0.15	1.0	0.057	2.35	25.1	129.5	1.13	1360	0.59	0.08	6.3	3.1	530	109.0	114.0
N814342		0.14	1.2	0.047	1.78	20.5	15.7	0.79	652	0.48	2.36	7.7	2.8	580	15.0	63.0
N814343		0.14	1.3	0.043	1.76	20.7	14.9	0.79	651	0.47	2.36	7.5	2.5	590	14.4	59.4
N814344		0.17	1.2	0.045	1.91	20.9	18.0	0.92	768	0.50	2.36	8.2	3.1	640	18.1	71.0
N814345		0.13	1.0	0.107	1.07	21.9	19.2	0.90	817	0.62	2.59	7.9	2.6	610	14.8	37.5
N814346		0.17	1.2	0.036	2.34	23.9	14.2	0.90	698	0.53	2.33	7.8	2.7	590	16.6	89.7
N814347		0.13	1.4	0.037	2.28	21.5	16.5	0.86	685	0.88	2.28	9.2	3.2	590	19.2	111.5
N814348		0.12	1.5	0.052	2.29	19.6	21.1	0.84	878	0.64	1.98	8.7	3.0	600	18.6	88.4

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12219371

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N814313		<0.002	1.39	13.20	11.8	1	3.5	113.5	0.64	<0.05	13.5	0.259	2.78	3.9	76	4.7
N814314		<0.002	0.07	29.8	9.5	1	6.5	411	0.76	<0.05	12.3	0.308	1.73	4.5	156	6.3
N814315		<0.002	0.02	15.95	12.5	1	2.4	257	0.67	<0.05	16.5	0.284	0.80	4.1	74	5.4
N814316		<0.002	0.01	1.34	11.5	<1	1.4	429	0.65	<0.05	13.6	0.266	1.00	4.3	73	0.9
N814317		<0.002	3.11	35.5	9.4	1	6.4	159.0	0.58	0.37	11.9	0.209	2.55	5.0	57	5.5
N814318		<0.002	0.01	1.16	11.0	1	1.2	429	0.63	<0.05	14.1	0.260	0.97	3.9	71	1.2
N814319		<0.002	0.01	1.19	12.2	1	1.4	459	0.67	<0.05	13.4	0.287	0.96	4.0	81	1.2
N814320		<0.002	0.02	3.98	11.5	2	1.4	376	0.67	<0.05	15.2	0.279	1.04	4.3	77	1.9
N814321		<0.002	0.53	30.5	12.9	1	4.0	182.0	0.74	<0.05	13.6	0.306	2.85	4.5	129	6.9
N814322		0.002	0.76	9.87	11.4	1	3.3	166.5	0.63	<0.05	12.2	0.268	1.99	3.2	96	5.6
N814323		<0.002	0.01	0.19	0.5	<1	<0.2	44.2	<0.05	<0.05	0.2	<0.005	0.04	0.5	3	0.1
N814324		<0.002	0.05	12.95	10.1	1	2.5	236	0.62	<0.05	11.1	0.240	0.68	3.5	73	7.8
N814325		<0.002	<0.01	2.39	11.3	1	2.8	447	0.65	<0.05	12.3	0.286	0.88	3.7	78	1.6
N814326		<0.002	0.01	1.00	11.7	1	1.5	464	0.63	<0.05	13.7	0.275	0.92	4.2	75	0.6
N814327		<0.002	0.01	1.13	10.8	1	1.6	427	0.64	<0.05	12.4	0.262	0.95	4.1	72	0.6
N814328		<0.002	0.06	1.34	11.2	1	1.6	407	0.63	<0.05	12.2	0.278	1.02	4.0	75	1.3
N814329		<0.002	0.04	1.02	11.3	1	1.5	426	0.64	<0.05	11.3	0.277	1.00	3.9	75	0.8
N814330		<0.002	0.09	1.72	12.1	1	1.8	388	0.64	<0.05	12.3	0.277	1.06	3.9	74	1.4
N814331		<0.002	0.04	1.26	11.3	1	1.7	432	0.72	<0.05	13.0	0.273	1.02	4.2	74	3.6
N814332		<0.002	4.97	92.7	8.5	1	8.0	96.3	0.46	0.42	11.3	0.188	2.51	5.3	57	5.5
N814333		<0.002	0.03	1.93	11.8	1	1.5	440	0.71	<0.05	12.4	0.284	1.08	4.2	77	2.2
N814334		<0.002	1.04	13.75	10.9	1	1.8	195.0	0.59	<0.05	11.4	0.257	2.74	4.8	72	3.1
N814335		<0.002	0.01	0.18	0.2	1	<0.2	47.9	<0.05	<0.05	0.2	<0.005	0.02	0.6	2	0.1
N814336		<0.002	0.01	1.67	12.1	1	1.4	444	0.69	<0.05	12.6	0.284	0.90	4.3	78	0.9
N814337		0.012	0.05	1.39	11.2	1	1.4	401	0.67	<0.05	12.2	0.272	1.06	4.1	74	1.1
N814338		<0.002	0.02	2.44	10.5	1	1.4	436	0.69	<0.05	11.5	0.273	0.89	3.8	74	1.6
N814339		<0.002	0.08	2.79	11.2	1	1.5	392	0.62	<0.05	10.9	0.264	1.07	3.3	70	3.0
N814340		<0.002	0.01	3.94	10.7	1	1.4	418	0.58	<0.05	10.5	0.261	0.83	3.0	72	2.6
N814341		<0.002	0.61	12.05	10.2	<1	1.3	222	0.49	0.11	12.6	0.233	2.38	4.2	65	5.0
N814342		<0.002	0.01	1.82	11.0	1	1.5	445	0.62	0.07	10.9	0.261	0.82	3.7	70	1.3
N814343		<0.002	0.01	1.77	10.8	<1	1.4	443	0.61	<0.05	11.0	0.259	0.76	3.5	68	1.2
N814344		<0.002	0.03	1.34	12.5	1	1.5	455	0.59	<0.05	10.6	0.281	0.80	3.7	75	1.3
N814345		<0.002	<0.01	2.70	11.5	2	2.0	549	0.60	<0.05	11.3	0.272	0.54	3.7	70	2.4
N814346		<0.002	<0.01	0.97	11.0	1	1.3	476	0.63	<0.05	12.5	0.265	0.87	4.2	71	0.9
N814347		<0.002	<0.01	1.72	11.4	1	1.5	407	0.75	<0.05	13.1	0.264	0.95	4.4	71	1.5
N814348		<0.002	0.07	3.77	10.9	1	1.6	360	0.77	<0.05	11.4	0.272	0.99	4.1	75	1.5

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12219371

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814313		15.5	74	25.8
N814314		15.2	41	29.3
N814315		16.6	55	31.7
N814316		15.9	49	27.7
N814317		11.5	2990	38.9
N814318		15.8	45	30.0
N814319		16.7	50	31.1
N814320		15.8	51	33.0
N814321		20.3	108	26.0
N814322		16.0	55	23.5
N814323		0.9	12	<0.5
N814324		15.4	45	24.4
N814325		15.1	52	29.4
N814326		16.2	47	26.2
N814327		15.2	45	26.5
N814328		15.2	46	29.2
N814329		15.4	46	29.2
N814330		16.2	51	33.1
N814331		15.4	48	29.2
N814332		9.7	5740	25.0
N814333		16.0	53	29.1
N814334		13.7	237	25.0
N814335		0.8	15	<0.5
N814336		16.8	55	32.6
N814337		15.7	49	27.4
N814338		13.9	49	26.0
N814339		14.6	55	26.5
N814340		14.6	52	25.7
N814341		13.7	200	25.6
N814342		14.9	48	28.3
N814343		14.8	49	27.9
N814344		16.5	57	28.3
N814345		16.3	56	25.2
N814346		15.9	53	28.7
N814347		18.8	52	35.0
N814348		17.3	61	33.8

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 102

CERTIFICATE OF ANALYSIS WH12219371

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
This copy reported on 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219372

Project: Klaza - 103

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188884**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12219372

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355346		<0.005
M355347		<0.005
M355348		<0.005
M355349		0.253
M355350		<0.005
M355351		<0.005
M355352		<0.005
M355353		<0.005
M355354		<0.005
M355355		0.007
M355356		<0.005
M355357		<0.005
M355358		<0.005
M355359		<0.005
M355360		<0.005
M355361		<0.005
M355362		<0.005
M355363		<0.005
M355364		0.755
M355365		<0.005
M355366		<0.005
M355367		<0.005
M355368		<0.005
M355370		<0.005
M355371		0.005
M355372		<0.005
M355373		0.026
M355374		<0.005
M355375		2.21
M355376		<0.005
M355377		<0.005
M355378		<0.005
M355379		<0.005
M355380		0.009
M355381		<0.005
M355382		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188884**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
This copy reported on 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219373

Project: Klaza - 103

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188885**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza - 103

CERTIFICATE OF ANALYSIS WH12219373

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355383		<0.005
M355384		<0.005
M355385		<0.005
M355386		2.11
M355387		<0.005
M355388		<0.005
M355389		<0.005
M355390		<0.005
M355391		<0.005
M355392		<0.005
M355393		<0.005
M355394		<0.005
M355395		<0.005
M355396		<0.005
M355397		0.005
M355398		<0.005
M355399		<0.005
M355400		0.006
M355401		<0.005
M355402		2.28
M355403		<0.005
M355404		<0.005
M355405		0.123
M355406		<0.005
M355407		0.029
M355408		<0.005
M355409		0.039
M355410		0.013
M355411		0.016
M355412		<0.005
M355413		<0.005
M355414		<0.005
M355415		<0.005
M355416		<0.005
M355417		<0.005
M355418		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188885**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
This copy reported on 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219374

Project: Klaza - 104

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193440**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219374

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811885		<0.005
N811886		2.29
N811887		<0.005
N811888		<0.005
N811889		<0.005
N811890		0.195
N811891		1.285
N811892		0.017
N811893		0.024
N811894		0.008
N811895		0.796
N811896		0.027
N811897		0.112
N811898		0.186
N811899		0.009
N811900		0.013
N811901		0.298
N811902		<0.005
N811903		0.067
N811904		0.007
N811905		0.006
N811906		0.008
N811907		0.009
N811908		0.006
N811909		0.015
N811910		0.006
N811911		<0.005
N811912		<0.005
N811913		<0.005
N811914		<0.005
N811915		<0.005
N811916		<0.005
N811917		<0.005
N811918		<0.005
N811919		<0.005
N811920		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193440**

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
This copy reported on 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219375

Project: Klaza - 104

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219375

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N811849		0.49	7.36	8.0	2100	1.53	0.54	2.66	0.27	39.3	8.6	10	15.80	190.0	3.13	16.30
N811850		>100	5.59	8530	290	1.11	60.2	1.95	229	33.8	9.0	17	11.55	1305	8.20	11.85
N811851		0.28	6.82	16.9	2070	1.42	0.57	2.71	0.33	34.4	7.5	9	13.00	27.7	2.92	14.90
N811852		0.54	6.81	43.3	2760	1.24	0.91	4.11	0.22	34.5	8.9	12	25.3	19.7	3.18	15.55
N811853		0.01	0.09	<5	40	<0.05	0.02	20.3	0.07	1.37	1.0	<1	0.23	2.3	0.49	0.27
N811854		0.17	7.24	9.0	730	1.07	0.39	3.33	0.11	36.1	10.3	14	15.00	11.3	3.52	15.75
N811855		0.14	6.97	5.6	650	0.99	0.44	3.36	0.10	31.7	8.7	11	13.05	10.7	3.18	15.20
N811856		1.22	7.23	177.0	540	1.22	1.40	3.32	0.90	42.5	11.3	13	21.7	32.4	3.34	16.05
N811857		0.18	7.18	4.6	1250	1.04	0.48	3.43	0.15	36.5	10.2	13	12.35	14.5	3.33	16.25
N811858		0.58	7.26	3.2	1360	1.11	3.50	3.64	0.13	40.7	8.8	14	12.35	14.0	3.11	15.75
N811859		0.14	7.19	4.3	1040	1.03	0.17	4.43	0.13	40.3	9.6	12	11.60	37.2	3.35	15.80
N811860		0.20	7.03	4.1	960	1.16	0.11	3.65	0.09	32.5	11.2	15	9.28	27.3	3.35	15.80
N811861		0.24	6.93	30.7	750	1.00	0.18	5.07	0.34	36.9	9.3	11	12.90	12.3	3.41	16.20
N811862		0.93	7.59	4.2	840	1.13	0.12	2.84	0.09	35.8	10.5	18	10.10	22.5	3.60	16.40
N811863		0.99	7.09	9.2	730	1.33	0.43	2.95	0.15	32.6	9.7	16	9.43	51.4	3.15	15.75
N811864		2.75	7.14	16.6	750	1.48	0.94	3.79	0.90	31.1	11.3	14	22.1	21.9	3.65	16.60
N811865		1.51	7.75	14.3	800	1.53	0.89	3.38	0.27	48.8	12.4	6	23.2	32.5	4.18	16.40
N811866		0.13	6.92	13.8	1510	1.97	0.05	2.71	0.17	48.7	5.0	5	26.8	2.4	2.52	18.70
N811867		0.06	7.24	13.1	1300	1.72	0.10	2.78	0.20	54.6	5.3	5	25.0	3.5	2.62	19.90
N811868		0.33	6.90	8.0	1360	1.60	0.98	3.31	0.20	34.0	8.2	12	37.3	6.2	3.02	15.60
N811869		0.10	6.74	5.3	1690	1.36	0.26	3.07	0.13	30.8	8.6	10	14.80	41.8	2.91	16.05
N811870		0.33	7.05	27.9	1540	1.37	1.13	2.65	0.79	42.6	7.8	11	25.2	17.3	2.42	15.55
N811871		0.21	6.96	11.3	1110	1.43	0.16	3.26	0.56	33.1	8.2	13	13.55	9.9	2.85	16.55
N811872		0.22	7.65	4.0	1270	1.31	0.32	3.22	0.13	36.9	10.0	17	8.83	18.4	3.37	17.30
N811873		9.69	6.77	1745	550	1.42	6.42	1.97	43.2	45.7	17.5	20	16.50	116.0	5.39	15.30
N811874		0.24	7.50	5.6	1210	1.34	0.32	3.64	0.18	33.2	10.8	17	11.00	66.7	3.53	17.05
N811875		0.56	7.51	4.1	1070	1.23	2.98	3.32	0.16	32.5	8.7	16	14.30	58.6	3.25	15.90
N811876		0.02	0.08	<5	20	<0.05	0.02	20.3	0.07	1.37	1.1	<1	0.25	3.5	0.52	0.28
N811877		0.15	7.05	2.8	1170	1.23	0.32	2.91	0.07	38.4	8.8	19	9.37	26.1	2.95	16.15
N811878		0.16	6.84	3.9	1030	1.12	0.48	3.33	0.10	33.5	8.0	12	12.30	33.8	2.80	15.30
N811879		0.13	6.72	3.6	910	1.11	0.86	2.65	0.09	40.6	6.9	20	9.09	13.5	2.36	14.75
N811880		0.10	7.31	3.3	1250	1.22	0.26	2.64	0.05	43.6	8.3	16	9.96	25.7	2.81	14.85
N811881		0.11	7.53	2.9	1270	1.28	0.28	2.71	0.06	44.7	8.8	13	10.25	26.2	2.91	15.45
N811882		0.24	6.09	13.7	700	1.04	0.56	2.88	0.09	33.8	6.5	11	10.70	58.5	2.16	12.75
N811883		0.06	7.64	3.2	1370	1.47	0.12	2.69	0.05	50.3	7.4	13	9.27	18.9	2.73	16.10
N811884		0.07	7.20	3.0	1270	1.40	0.13	2.68	0.06	42.7	7.0	17	8.25	16.5	2.64	14.70

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219375

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N811849		0.13	1.7	0.059	2.86	19.3	19.8	0.70	610	4.85	1.60	8.9	2.8	660	21.4	104.0
N811850		0.17	1.0	4.81	2.28	17.0	32.9	0.64	3130	14.65	0.08	5.8	13.4	460	9740	137.0
N811851		0.11	1.5	0.050	2.74	17.4	18.1	0.70	634	17.35	1.85	8.0	2.7	570	33.3	99.1
N811852		0.11	0.9	0.036	1.97	17.3	22.7	0.99	1060	3.17	1.84	8.6	4.7	570	20.0	78.5
N811853		0.06	<0.1	<0.005	0.03	0.7	0.9	13.10	201	0.22	0.01	0.3	1.1	180	2.1	1.5
N811854		0.12	0.6	0.037	1.93	17.7	23.0	1.10	923	0.72	1.25	7.9	5.2	560	15.7	69.8
N811855		0.12	0.6	0.028	1.76	15.5	20.1	0.88	777	0.37	1.66	7.8	4.5	550	13.4	59.1
N811856		0.13	0.6	0.060	2.58	21.9	18.7	1.05	1580	0.80	0.74	7.8	5.4	540	26.2	154.5
N811857		0.14	0.6	0.035	1.95	17.4	21.7	1.16	896	0.72	1.62	8.3	5.3	560	14.6	60.9
N811858		0.15	0.6	0.027	1.89	20.4	21.4	1.12	847	1.06	1.43	7.8	4.9	560	16.4	68.6
N811859		0.15	0.6	0.027	1.76	19.7	23.6	1.27	953	49.7	1.68	8.1	5.1	570	13.4	60.6
N811860		0.14	0.6	0.026	1.74	16.2	20.5	1.16	808	2.14	1.85	8.0	5.4	570	12.8	58.9
N811861		0.14	0.5	0.035	2.33	18.4	14.3	1.50	2220	1.19	1.11	7.4	4.8	520	12.7	109.5
N811862		0.13	0.6	0.037	1.97	17.0	25.1	1.22	859	2.00	1.66	9.7	6.3	710	12.3	63.7
N811863		0.15	0.6	0.027	1.91	15.8	17.3	0.85	797	2.29	2.12	9.6	5.2	590	10.8	79.1
N811864		0.16	0.7	0.038	2.22	14.9	36.8	1.38	1060	4.68	1.07	9.7	5.2	680	35.6	91.0
N811865		0.17	1.0	0.047	2.72	25.5	39.7	1.45	1080	2.82	0.11	8.7	3.8	980	17.6	140.0
N811866		0.16	1.8	0.030	2.55	24.1	94.4	0.83	750	1.11	0.08	9.9	3.0	790	22.7	91.0
N811867		0.17	1.9	0.038	2.78	27.2	76.5	0.92	726	1.49	0.08	10.6	2.7	810	27.0	107.0
N811868		0.16	0.6	0.071	2.42	16.8	33.7	1.17	994	1.53	0.79	7.7	4.5	520	17.2	115.5
N811869		0.16	0.7	0.028	2.20	14.6	71.8	0.84	827	11.50	1.46	9.1	4.8	510	15.3	87.7
N811870		0.16	0.9	0.038	2.63	22.2	48.5	0.94	812	11.75	0.31	9.1	3.9	450	29.5	136.5
N811871		0.16	0.8	0.033	2.35	15.8	25.0	0.92	830	0.71	1.36	8.5	4.4	540	30.2	95.8
N811872		0.14	0.6	0.029	1.94	17.9	20.1	1.03	729	1.48	2.23	8.8	5.4	590	13.6	64.6
N811873		0.17	1.3	0.939	2.85	23.7	25.5	0.72	2080	12.20	0.26	8.0	16.4	510	1380	171.5
N811874		0.16	0.6	0.038	1.90	16.0	25.5	1.25	796	27.1	1.68	8.8	5.6	600	15.7	63.5
N811875		0.15	0.5	0.036	1.76	15.6	20.2	1.19	761	1.42	1.45	9.0	5.1	580	15.9	65.8
N811876		0.07	<0.1	0.005	0.03	0.7	0.9	13.25	233	0.16	0.01	0.2	3.2	160	4.0	1.9
N811877		0.12	0.9	0.028	2.13	18.8	14.9	0.93	691	1.89	2.09	9.7	4.5	500	16.7	72.4
N811878		0.13	0.7	0.032	2.07	16.1	14.1	0.94	800	1.59	1.94	9.1	4.1	500	15.0	74.6
N811879		0.15	0.9	0.028	2.22	21.0	14.1	0.90	695	1.34	1.96	9.9	3.6	440	10.9	115.5
N811880		0.14	0.9	0.027	2.25	22.3	17.4	0.83	592	22.0	2.06	8.6	3.7	470	14.6	83.2
N811881		0.16	0.9	0.030	2.33	23.6	18.3	0.90	619	24.5	2.11	9.1	4.1	470	14.8	91.6
N811882		0.14	0.8	0.021	2.42	17.9	17.3	0.88	1040	1.21	0.67	7.3	3.3	390	9.8	109.0
N811883		0.17	0.8	0.037	2.48	23.9	13.1	0.79	547	0.82	2.24	8.7	4.0	450	13.0	98.4
N811884		0.15	0.8	0.020	2.50	20.8	11.3	0.73	504	6.11	2.13	7.9	3.4	420	13.2	89.4

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219375

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N811849		<0.002	0.09	3.73	10.8	1	2.4	292	0.76	<0.05	11.2	0.269	1.17	3.3	75	2.6
N811850		<0.002	7.21	221	7.5	2	8.6	124.0	0.45	0.56	8.5	0.185	2.19	5.3	52	4.5
N811851		<0.002	0.07	3.07	10.2	1	2.4	360	0.63	<0.05	9.7	0.249	1.22	2.6	68	2.4
N811852		<0.002	0.36	6.82	11.4	1	1.6	329	0.69	0.06	8.2	0.288	1.53	3.4	84	3.8
N811853		<0.002	<0.01	0.07	0.3	1	<0.2	49.8	<0.05	<0.05	<0.2	0.005	0.02	0.6	3	0.1
N811854		<0.002	0.06	4.42	11.6	1	1.6	291	0.62	<0.05	8.6	0.292	1.12	2.3	93	6.4
N811855		<0.002	0.01	4.84	10.6	1	1.4	320	0.65	<0.05	7.1	0.286	0.94	2.5	91	2.5
N811856		<0.002	1.06	17.15	12.4	1	2.0	217	0.58	<0.05	9.4	0.288	2.63	5.1	92	2.7
N811857		<0.002	0.02	3.13	12.0	1	1.6	426	0.66	<0.05	7.6	0.306	0.96	2.3	93	3.1
N811858		<0.002	0.02	2.75	12.4	1	1.4	425	0.64	0.09	9.0	0.298	0.82	2.6	92	6.3
N811859		0.026	0.17	2.93	12.8	2	1.5	580	0.61	<0.05	8.4	0.305	0.66	2.4	97	4.1
N811860		<0.002	0.17	2.00	12.6	1	1.4	501	0.62	<0.05	8.0	0.299	0.67	2.4	93	2.8
N811861		<0.002	0.40	3.64	10.9	1	1.4	349	0.57	<0.05	7.7	0.278	1.36	2.7	92	2.4
N811862		<0.002	0.07	3.66	13.7	1	1.4	403	0.73	<0.05	8.4	0.365	0.80	2.5	123	5.3
N811863		<0.002	0.07	11.85	12.1	1	1.5	282	0.80	<0.05	8.3	0.317	0.92	2.3	93	3.7
N811864		<0.002	0.06	9.47	12.7	1	1.5	254	0.63	<0.05	7.9	0.327	1.54	2.7	108	4.3
N811865		<0.002	0.05	15.10	16.1	1	1.3	228	0.58	<0.05	10.9	0.382	2.11	2.9	131	6.8
N811866		<0.002	0.03	12.40	5.4	1	1.2	354	0.70	<0.05	8.1	0.279	1.59	3.3	43	2.2
N811867		<0.002	0.03	13.90	5.7	1	2.2	418	0.73	<0.05	8.7	0.283	1.87	3.5	43	3.1
N811868		<0.002	0.04	9.03	11.1	1	3.7	312	0.64	<0.05	8.0	0.276	1.99	2.9	87	3.3
N811869		0.008	0.04	6.70	10.9	1	1.5	355	0.79	<0.05	8.5	0.272	1.34	2.7	80	3.7
N811870		0.005	0.11	10.20	10.1	1	1.3	272	1.05	<0.05	12.1	0.250	1.92	6.9	74	4.0
N811871		<0.002	0.05	5.70	11.6	1	1.5	298	0.74	<0.05	8.8	0.295	1.50	2.5	92	2.7
N811872		<0.002	0.01	1.94	12.0	1	1.8	493	0.65	<0.05	8.9	0.313	0.75	2.2	96	3.0
N811873		0.002	3.13	33.8	9.6	1	6.0	155.0	0.64	0.26	11.0	0.214	2.50	5.0	58	5.2
N811874		0.008	0.12	1.70	12.5	1	2.0	724	0.66	<0.05	8.3	0.314	0.73	2.2	98	6.1
N811875		<0.002	0.05	2.68	12.5	1	2.0	659	0.67	0.05	8.5	0.305	0.71	2.2	97	4.3
N811876		<0.002	<0.01	0.08	0.4	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	<0.02	0.6	2	0.1
N811877		<0.002	0.04	2.03	9.9	1	1.9	425	0.86	<0.05	11.5	0.274	0.88	3.0	83	2.4
N811878		<0.002	0.05	1.73	9.4	1	2.0	405	0.79	<0.05	9.2	0.267	0.82	2.7	83	2.5
N811879		<0.002	0.02	1.95	9.1	1	1.5	282	0.91	<0.05	11.9	0.244	1.14	2.9	69	1.8
N811880		0.008	0.04	1.49	9.3	1	1.2	392	0.77	<0.05	12.2	0.255	0.75	2.6	74	2.7
N811881		0.008	0.04	1.65	9.9	2	1.3	393	0.75	<0.05	13.4	0.264	0.76	2.9	76	2.6
N811882		<0.002	0.10	8.67	8.1	1	1.1	178.0	0.61	<0.05	10.3	0.218	1.31	3.2	61	2.0
N811883		0.003	0.02	1.27	9.9	1	1.3	430	0.68	<0.05	12.9	0.259	0.74	3.5	72	1.6
N811884		0.002	0.03	1.00	8.5	1	1.3	394	0.64	<0.05	13.4	0.242	0.67	4.0	68	2.1

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219375

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	2	0.5	1	0.001
N811849		16.4	44	46.1		
N811850		10.0	>10000	30.6	123	1.625
N811851		13.9	56	41.3		
N811852		15.0	78	19.5		
N811853		1.0	15	0.6		
N811854		14.7	97	11.2		
N811855		14.6	92	10.7		
N811856		15.7	209	10.7		
N811857		15.8	90	11.4		
N811858		16.4	72	10.4		
N811859		18.4	60	10.8		
N811860		14.0	56	11.2		
N811861		15.5	70	11.0		
N811862		14.6	67	12.1		
N811863		12.9	74	11.2		
N811864		14.4	138	17.6		
N811865		17.3	103	28.0		
N811866		12.0	92	51.7		
N811867		13.7	88	56.1		
N811868		12.5	107	11.2		
N811869		12.3	65	13.2		
N811870		13.9	100	18.1		
N811871		12.8	102	14.8		
N811872		14.9	65	12.7		
N811873		13.4	3070	37.8		
N811874		16.2	57	10.7		
N811875		16.3	64	9.7		
N811876		1.0	18	0.5		
N811877		13.8	66	18.2		
N811878		13.9	63	15.4		
N811879		12.6	64	21.1		
N811880		12.4	54	20.4		
N811881		13.4	57	22.0		
N811882		10.7	53	19.0		
N811883		11.1	48	22.8		
N811884		10.1	44	20.2		

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2012
Account: ROCKHA

Project: Klaza - 104

CERTIFICATE OF ANALYSIS WH12219375

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
This copy reported on 21-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219376

Project: Klaza - 107

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12219376

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N814632		12.85	6.78	2360	760	1.52	0.24	2.30	57.4	36.8	5.0	11	12.55	62.6	4.06	15.20
N814633		0.26	7.03	9.2	2390	1.36	0.94	2.74	0.31	49.0	6.7	16	18.70	16.2	2.91	15.85
N814634		25.9	5.86	3140	950	1.33	21.1	2.19	77.2	45.4	10.5	18	13.30	420	6.59	13.55
N814635		0.21	7.35	9.4	2180	1.45	0.64	2.68	0.23	51.1	6.8	16	16.00	9.0	2.87	15.95
N814636		0.51	7.13	117.5	1570	1.88	0.24	3.17	0.50	45.5	6.8	12	14.75	26.9	2.98	15.95
N814637		3.42	6.93	601	2350	1.68	0.22	3.00	3.17	45.1	6.9	12	16.85	54.9	2.58	15.90
N814638		0.09	0.07	<5	20	<0.05	0.03	20.5	0.08	1.13	0.6	<1	0.17	1.2	0.48	0.22
N814639		0.26	8.11	16.7	2130	1.47	0.43	1.90	0.12	50.3	6.6	11	17.60	132.0	3.65	18.45
N814640		0.30	7.87	255	1760	1.80	0.25	2.51	0.18	55.7	6.9	13	14.60	18.1	3.26	17.50
N814641		2.66	8.18	33.0	1960	1.53	3.94	1.57	0.19	53.5	7.7	15	13.60	1490	4.02	18.40
N814642		0.16	7.58	22.0	2400	1.94	0.40	2.08	0.06	53.5	23.4	15	14.05	10.9	3.49	17.45
N814643		0.62	7.00	9.1	1930	1.68	0.58	1.99	0.11	49.8	6.6	11	10.65	94.8	3.07	14.75
N814644		0.45	7.57	10.0	2090	1.73	0.63	2.14	0.12	52.4	7.4	11	12.20	61.6	3.35	16.90
N814645		16.65	6.06	1340	490	1.29	2.77	2.60	30.5	50.0	19.2	13	10.05	243	4.19	13.60
N814646		0.27	7.30	7.5	2070	1.80	0.38	2.59	0.12	52.3	7.4	12	15.70	73.7	2.80	16.90
N814647		0.23	7.25	10.2	2280	1.63	0.37	2.67	0.56	49.1	6.6	13	14.45	30.9	2.87	15.65
N814648		0.16	7.02	10.0	2240	1.76	0.43	2.53	0.10	50.4	8.4	11	15.25	14.4	2.82	16.80
N814649		0.12	6.61	7.6	2390	1.52	0.37	3.03	0.11	41.5	7.2	12	24.5	12.1	3.03	15.65
N814650		2.85	7.23	600	2190	1.67	0.49	2.29	5.20	44.8	10.9	9	21.4	19.3	3.15	16.75
N814651		0.45	7.38	6.4	2260	1.69	0.78	2.71	0.11	48.4	7.0	13	17.30	18.1	2.95	16.90
N814652		0.14	7.51	5.6	2250	1.58	0.42	2.80	0.11	46.3	6.9	9	17.25	11.6	3.02	16.00
N814653		0.16	7.24	16.6	2260	1.69	0.71	2.43	0.12	44.0	11.6	10	19.00	22.4	3.36	16.70
N814654		0.16	7.64	35.5	2330	1.66	0.47	2.76	0.12	50.7	9.5	13	11.05	14.1	3.42	16.10
N814655		10.35	7.06	1760	880	1.55	7.38	2.02	43.0	49.6	17.1	20	15.70	107.5	5.59	15.10
N814656		0.51	7.38	18.9	2400	1.67	0.50	2.68	1.77	46.7	13.4	11	13.85	17.2	3.23	16.80
N814657		0.13	6.33	7.2	1870	1.64	0.17	3.40	0.12	40.1	6.9	12	15.85	10.5	2.88	14.80
N814658		0.22	7.57	8.1	2190	1.72	0.35	2.73	0.18	52.1	6.9	11	13.35	16.4	2.96	16.20
N814659		0.77	6.99	12.5	2120	1.59	0.46	3.00	0.45	44.1	6.3	12	12.50	28.0	3.00	15.75
N814660		0.02	0.07	<5	20	0.07	0.03	20.9	0.06	1.58	0.6	<1	0.15	1.5	0.46	0.22
N814661		0.16	6.94	10.5	1280	1.29	0.33	2.91	0.16	43.1	6.6	13	11.25	10.3	2.61	15.40
N814662		0.14	7.31	4.9	2420	1.71	0.20	2.75	0.19	47.1	7.3	11	14.85	13.4	2.97	16.40
N814663		1.44	6.93	13.8	2000	1.64	0.33	3.12	1.54	42.4	7.6	12	13.75	202	3.21	15.15
N814664		0.27	7.10	6.8	2240	1.50	0.22	2.71	0.59	47.0	6.7	13	12.85	23.7	2.84	15.20
N814665		0.19	7.35	8.0	2340	1.89	0.23	3.25	0.17	46.9	8.3	20	16.30	13.6	3.12	17.40
N814666		0.16	7.75	7.1	2340	1.44	0.24	2.67	0.19	49.1	7.1	13	10.10	14.4	2.99	16.50
N814667		2.15	7.24	26.2	2020	1.49	0.26	3.05	17.80	48.4	6.5	15	13.40	200	3.28	16.65

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12219376

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N814632		0.14	1.0	0.170	3.21	16.7	22.2	0.67	5070	7.66	0.11	6.2	2.5	470	1100	142.0
N814633		0.17	1.2	0.047	2.99	21.0	11.1	0.70	745	3.42	1.96	7.7	2.9	570	28.8	119.0
N814634		0.16	0.8	1.715	2.55	22.7	22.7	0.88	1800	12.60	0.04	5.6	15.2	430	2770	170.0
N814635		0.18	1.1	0.043	2.82	22.9	22.6	0.75	660	2.20	1.91	7.9	2.8	570	21.7	122.5
N814636		0.16	1.1	0.059	2.77	20.2	41.9	0.86	1360	1.96	0.88	7.6	2.7	580	22.3	105.0
N814637		0.17	1.1	0.042	1.91	20.8	67.3	0.88	2990	2.12	0.04	7.2	2.5	520	58.4	70.2
N814638		0.19	<0.1	0.005	0.03	0.5	1.1	12.95	214	0.24	<0.01	0.2	2.1	180	1.3	1.4
N814639		0.14	1.2	0.099	3.19	22.3	30.2	0.74	1300	1.35	0.27	8.0	2.7	630	15.6	130.5
N814640		0.18	1.3	0.055	2.93	25.5	17.2	0.69	2670	1.57	1.45	8.2	2.8	640	19.4	125.0
N814641		0.15	1.0	0.279	3.33	25.0	26.6	0.72	1180	1.41	0.45	7.6	2.8	580	17.8	151.5
N814642		0.16	1.2	0.124	2.89	25.1	17.2	0.77	689	1.43	1.63	8.2	2.9	600	14.7	132.0
N814643		0.15	1.2	0.072	2.93	22.7	14.0	0.72	509	1.17	1.74	7.5	2.5	550	16.9	129.0
N814644		0.16	1.3	0.081	3.18	24.9	15.8	0.77	552	1.61	1.86	8.7	2.8	590	18.4	141.5
N814645		0.18	1.0	0.186	2.96	25.1	25.2	0.79	4630	1.89	0.04	6.0	2.7	450	1135	192.5
N814646		0.17	1.2	0.047	2.92	23.0	14.1	0.68	637	2.04	2.15	8.3	3.3	550	18.6	113.5
N814647		0.17	1.2	0.042	2.90	22.3	16.0	0.73	749	1.58	1.58	7.5	2.5	550	49.2	117.5
N814648		0.20	1.2	0.040	2.80	22.4	19.1	0.72	613	1.60	1.82	8.2	2.8	540	18.5	126.5
N814649		0.16	1.1	0.054	2.97	18.1	64.5	0.81	794	1.42	1.07	7.4	2.6	560	17.6	111.0
N814650		0.15	1.2	0.065	3.27	19.8	119.5	0.73	2280	2.22	0.13	7.7	2.8	580	282	129.0
N814651		0.14	1.1	0.040	2.85	20.9	17.3	0.75	597	1.35	2.17	7.9	2.7	590	19.5	117.0
N814652		0.17	1.2	0.042	2.81	21.2	16.8	0.78	614	1.32	2.16	7.7	2.6	600	19.3	116.5
N814653		0.14	1.1	0.081	3.36	20.3	38.9	0.73	777	1.30	1.14	7.9	2.6	560	15.4	142.5
N814654		0.16	1.2	0.047	2.89	22.5	14.2	0.79	777	1.38	2.08	7.6	2.6	600	20.7	120.0
N814655		0.15	1.3	0.929	2.97	23.2	24.3	0.74	2030	12.15	0.28	7.3	15.9	510	1450	179.5
N814656		0.17	1.2	0.098	2.98	20.8	14.0	0.71	980	1.19	1.88	8.1	2.8	610	206	126.0
N814657		0.14	1.2	0.034	2.41	17.5	18.7	0.79	808	1.24	1.67	7.5	2.4	560	27.4	86.0
N814658		0.18	1.4	0.042	2.88	24.1	16.2	0.72	676	1.26	2.23	7.9	2.5	580	125.0	120.5
N814659		0.15	1.2	0.056	3.01	19.7	16.8	0.77	893	1.55	1.61	7.5	2.5	530	312	122.0
N814660		0.14	<0.1	<0.005	0.03	0.8	1.1	13.20	195	0.28	0.01	0.2	1.9	310	1.5	1.2
N814661		0.20	1.3	0.036	2.56	19.8	36.9	0.93	813	1.18	0.44	7.5	2.4	540	21.4	93.7
N814662		0.21	1.3	0.040	2.75	20.0	16.4	0.74	665	1.71	2.27	8.1	2.7	600	25.5	110.5
N814663		0.14	1.1	0.074	2.92	18.5	14.3	0.79	1210	1.90	1.70	7.3	2.9	560	362	116.0
N814664		0.14	1.3	0.041	2.77	21.1	17.9	0.68	695	1.95	2.11	7.8	2.6	570	64.6	108.5
N814665		0.17	1.9	0.039	2.69	20.1	31.5	0.96	686	2.45	2.18	8.8	5.9	830	25.4	90.4
N814666		0.15	1.0	0.034	2.77	21.1	17.9	0.87	678	2.04	2.40	7.7	2.9	600	25.6	108.5
N814667		0.15	1.2	0.163	2.77	20.5	23.6	0.86	1040	3.38	1.82	8.0	2.9	650	726	120.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12219376

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N814632		0.003	2.47	92.3	8.4	1	4.1	100.0	0.47	0.05	10.3	0.215	2.90	5.5	57	5.2
N814633		<0.002	0.04	3.44	10.2	1	2.2	341	0.56	<0.05	11.8	0.247	1.62	4.3	64	2.0
N814634		0.002	4.66	94.0	8.5	1	7.9	87.5	0.41	0.40	10.6	0.176	2.38	5.6	52	4.9
N814635		<0.002	0.02	5.36	11.1	1	2.2	334	0.57	<0.05	12.4	0.251	1.45	4.0	66	2.0
N814636		0.002	0.20	32.5	10.6	1	4.0	236	0.60	<0.05	10.9	0.257	1.81	5.3	71	3.5
N814637		0.002	0.84	73.8	9.7	1	7.8	228	0.55	<0.05	11.2	0.242	2.07	4.6	62	5.3
N814638		<0.002	<0.01	0.22	0.3	<1	0.3	39.2	<0.05	<0.05	<0.2	<0.005	0.03	0.5	2	0.1
N814639		<0.002	0.12	14.15	12.7	1	4.9	117.0	0.58	<0.05	13.6	0.280	1.81	6.7	76	4.2
N814640		0.004	0.55	20.6	12.6	1	2.8	279	0.61	<0.05	13.7	0.281	1.65	3.8	73	2.6
N814641		<0.002	0.23	34.9	12.0	1	3.7	115.0	0.54	0.05	15.7	0.264	1.97	5.2	69	5.8
N814642		0.003	0.15	5.57	11.3	2	9.6	271	0.64	<0.05	14.7	0.263	1.51	4.1	69	3.0
N814643		0.003	0.04	6.73	9.8	1	2.4	276	0.62	<0.05	13.4	0.248	1.48	3.8	65	2.7
N814644		0.002	0.03	6.88	11.4	1	2.6	297	0.66	<0.05	14.2	0.269	1.60	4.3	71	2.8
N814645		<0.002	2.72	184.5	9.0	1	3.7	73.5	0.49	0.08	14.0	0.194	2.44	7.1	52	6.6
N814646		0.002	0.03	5.73	10.5	1	2.2	350	0.63	<0.05	12.5	0.247	1.50	4.4	65	3.7
N814647		0.003	0.06	7.08	9.8	<1	2.0	274	0.63	<0.05	12.5	0.249	1.43	4.4	64	2.6
N814648		<0.002	0.07	4.93	10.7	1	2.2	310	0.63	<0.05	12.7	0.246	1.43	3.9	63	2.7
N814649		<0.002	0.03	12.45	9.5	1	2.0	267	0.59	<0.05	9.9	0.244	1.61	3.7	64	3.0
N814650		0.003	0.58	40.9	11.0	1	2.8	155.0	0.59	<0.05	11.1	0.260	2.10	6.3	70	3.0
N814651		<0.002	0.02	3.48	10.5	1	2.2	376	0.55	<0.05	11.3	0.261	1.30	3.3	67	0.8
N814652		0.002	0.01	3.61	10.5	1	2.1	378	0.60	<0.05	11.8	0.260	1.32	3.6	68	0.8
N814653		0.004	0.09	8.28	10.7	1	2.6	238	0.59	<0.05	11.1	0.256	1.84	3.6	67	7.0
N814654		<0.002	0.40	3.71	10.9	1	2.2	354	0.58	<0.05	12.0	0.262	1.36	3.8	69	3.2
N814655		0.005	3.21	33.9	9.8	1	6.1	154.5	0.56	0.30	12.2	0.216	2.49	5.7	58	5.2
N814656		0.002	0.16	5.80	10.9	<1	2.4	311	0.60	0.05	11.4	0.265	1.64	4.2	71	2.5
N814657		0.003	0.02	5.25	9.5	1	2.2	309	0.60	<0.05	9.6	0.251	1.14	3.8	66	1.8
N814658		0.003	0.06	2.68	10.4	1	2.0	363	0.65	<0.05	12.8	0.255	1.34	4.2	65	3.1
N814659		<0.002	0.13	6.18	9.5	1	1.9	285	0.62	<0.05	10.9	0.240	1.57	4.2	61	3.1
N814660		0.002	<0.01	0.08	0.2	<1	0.3	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
N814661		0.002	0.13	11.75	9.3	1	1.7	143.5	0.64	<0.05	11.3	0.243	1.48	5.2	62	2.6
N814662		<0.002	0.02	2.83	10.5	1	1.9	378	0.66	<0.05	10.9	0.268	1.22	3.8	72	4.1
N814663		<0.002	0.21	11.75	9.5	1	1.8	277	0.60	<0.05	9.7	0.243	1.57	4.1	65	3.9
N814664		0.002	0.03	3.70	9.8	1	1.8	340	0.64	<0.05	11.1	0.257	1.18	4.0	67	3.9
N814665		<0.002	0.02	2.13	9.9	1	1.9	459	0.67	0.06	9.1	0.307	1.22	3.3	73	1.7
N814666		0.003	0.01	2.00	10.0	1	1.9	423	0.57	<0.05	13.3	0.262	1.12	4.1	67	2.2
N814667		0.003	0.37	20.1	10.8	1	2.1	316	0.64	<0.05	12.3	0.281	1.52	3.7	76	3.2

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12219376

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
N814632		9.6	3360	24.8
N814633		14.2	63	30.3
N814634		9.3	5180	23.6
N814635		15.9	52	28.9
N814636		15.3	73	29.9
N814637		13.4	234	29.0
N814638		0.7	15	<0.5
N814639		16.2	58	30.2
N814640		15.7	56	31.8
N814641		14.0	67	27.2
N814642		15.0	51	30.0
N814643		13.2	44	27.5
N814644		15.3	47	31.1
N814645		12.3	2350	24.3
N814646		15.5	47	32.6
N814647		14.6	92	30.2
N814648		15.1	44	33.6
N814649		13.9	49	29.4
N814650		13.6	399	30.8
N814651		14.4	45	29.1
N814652		14.7	45	29.1
N814653		13.8	45	29.3
N814654		15.0	47	30.6
N814655		11.3	3090	36.4
N814656		14.6	213	32.7
N814657		13.9	52	31.0
N814658		15.7	56	34.6
N814659		13.6	80	30.8
N814660		0.8	15	<0.5
N814661		14.1	49	32.4
N814662		14.8	60	32.6
N814663		14.9	205	29.1
N814664		14.2	101	33.0
N814665		14.2	64	64.4
N814666		16.3	57	29.7
N814667		15.9	2130	32.6

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2012
Account: ROCKHA

Project: Klaza - 107

CERTIFICATE OF ANALYSIS WH12219376

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219450

Project: Klaza-130

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

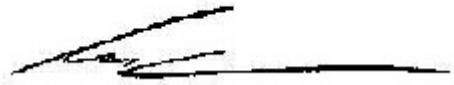
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219450

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356073		4.16	0.052	0.56	7.26	60.5	1640	1.69	0.79	2.89	0.64	45.3	6.5	9	19.50	90.9
M356074		4.47	0.032	0.65	6.95	37.0	1310	1.49	0.79	2.38	1.92	48.8	7.0	9	15.25	91.0
M356075		3.94	0.020	0.54	6.83	25.8	1290	1.30	0.70	2.73	0.90	43.3	8.1	9	14.00	154.0
M356076		3.04	0.038	0.67	6.76	39.8	1130	1.33	0.90	2.61	0.85	48.3	8.7	9	15.20	179.5
M356077		8.59	<0.005	0.17	7.06	17.0	1290	1.86	0.25	2.45	0.97	60.0	4.6	12	20.8	6.5
M356078		<0.02	<0.005	0.18	6.88	15.6	1240	1.83	0.23	2.34	0.91	59.5	4.3	12	19.75	6.3
M356079		8.35	<0.005	0.16	7.16	10.6	1520	1.89	0.20	3.37	0.74	68.7	4.8	12	16.45	5.4
M356080		7.93	<0.005	0.15	7.41	10.6	820	2.06	0.12	3.30	2.61	60.6	5.6	13	19.40	18.4
M356081		0.26	2.29	25.3	5.88	3470	860	1.21	17.85	2.22	81.8	42.5	11.1	18	13.95	436
M356082		8.64	<0.005	0.14	7.40	15.5	1090	2.07	0.05	3.65	2.23	57.7	5.5	13	18.30	12.5
M356083		5.54	<0.005	0.13	7.30	18.9	1130	1.84	0.13	3.17	0.87	58.8	5.9	23	16.45	11.8
M356084		3.46	0.045	0.96	7.22	62.0	1950	1.75	1.84	2.58	1.67	42.3	8.3	15	16.50	191.0
M356085		4.99	0.026	0.40	7.31	21.3	1690	1.52	0.65	2.43	1.38	49.1	7.6	10	13.75	153.0
M356086		2.81	0.063	0.32	7.29	30.9	410	1.28	0.97	2.25	0.17	46.0	10.0	9	12.55	80.4
M356087		3.47	0.058	0.33	7.70	33.1	1170	1.42	0.92	2.52	0.39	51.4	12.6	9	16.40	100.5
M356088		7.40	0.037	0.27	7.47	57.5	1270	1.53	0.51	3.64	0.35	48.9	9.1	10	21.1	115.0
M356089		2.04	<0.005	0.01	0.07	6	30	0.06	0.03	20.9	0.06	1.33	1.1	<1	0.18	7.1
M356090		7.12	0.042	0.20	7.38	18.1	2080	1.48	0.73	2.51	0.25	51.4	8.7	11	13.05	125.5
M356091		4.21	0.024	0.26	7.57	16.6	1870	1.49	0.70	2.87	0.37	59.0	7.7	11	14.60	111.0
M356092		0.26	2.22	27.3	5.88	3510	300	1.23	18.15	2.23	83.6	42.5	11.2	17	14.05	445
M356093		3.78	0.072	0.57	7.60	37.9	930	1.49	0.98	2.71	0.53	55.0	22.4	10	15.55	238
M356094		4.16	0.352	0.55	7.65	23.2	1730	1.49	1.77	2.12	0.36	53.5	10.3	11	12.55	226
M356095		3.83	0.028	0.23	7.67	12.1	2490	1.44	0.65	2.60	0.17	53.2	6.9	11	10.60	112.5
M356096		4.15	0.244	1.58	7.30	59.9	440	1.42	3.11	2.57	6.54	50.6	8.8	10	15.65	210
M356097		3.57	<0.005	0.01	0.06	5	70	0.05	0.04	19.35	0.08	1.07	1.1	<1	0.13	2.2
M356098		4.21	0.075	0.39	7.64	27.9	1460	1.54	1.38	2.87	0.24	53.9	6.9	11	13.85	155.0
M356099		4.14	0.027	0.13	7.47	15.1	2120	1.36	0.22	2.36	0.21	46.5	6.0	10	12.15	66.7
M356100		4.72	0.071	0.26	7.36	47.6	1330	1.46	0.66	2.85	0.24	51.5	7.7	10	19.00	204
M356101		7.61	0.178	0.37	7.58	52.3	860	1.46	0.90	2.68	0.39	53.7	10.5	10	15.55	173.5
M356102		3.79	1.125	2.78	6.02	182.0	760	1.10	8.37	2.11	1.75	32.1	12.9	8	13.80	238
M356103		5.50	0.058	0.25	7.54	19.4	1900	1.27	0.91	2.63	0.26	49.4	7.3	9	14.65	124.5
M356104		6.12	0.101	0.40	6.96	20.1	2030	1.37	1.61	3.64	0.16	48.9	7.9	9	12.85	170.0
M356105		2.89	0.112	0.50	7.45	24.7	1930	1.43	2.06	3.41	0.20	52.2	8.5	8	13.70	189.0
M356106		6.55	0.631	4.75	7.28	66.3	810	1.40	9.94	2.27	3.63	51.8	8.1	11	15.20	399
M356107		4.14	0.156	1.01	7.42	40.4	410	1.38	1.77	2.15	6.95	48.2	8.5	10	12.50	111.5
M356108		2.89	0.058	0.74	7.74	57.3	760	1.63	1.10	2.55	1.46	52.5	8.0	10	18.15	152.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356073		3.03	16.75	0.07	0.9	0.081	2.86	22.5	60.3	0.88	421	1.52	0.06	7.1	2.7	660
M356074		3.40	16.00	0.08	0.8	0.067	2.71	24.5	28.5	0.82	376	0.93	0.74	6.1	2.7	590
M356075		3.17	15.75	0.06	0.7	0.019	2.66	21.1	30.9	0.76	273	1.21	1.35	5.6	2.7	600
M356076		3.15	16.00	0.11	0.7	0.031	2.71	25.3	29.7	0.76	250	2.60	0.72	5.5	2.8	570
M356077		2.33	18.45	0.13	2.6	0.032	3.10	29.6	35.5	0.87	579	1.38	0.06	11.7	3.0	910
M356078		2.25	17.50	0.11	2.5	0.029	2.97	31.0	32.8	0.84	558	1.28	0.06	10.7	3.0	870
M356079		2.45	18.60	0.14	2.5	0.027	2.80	35.9	38.1	0.86	618	1.15	0.17	11.1	3.0	880
M356080		2.54	19.15	0.17	1.9	0.028	2.97	31.0	21.4	1.12	551	1.16	0.14	9.6	5.0	850
M356081		6.68	14.85	0.16	0.9	1.815	2.66	22.4	22.9	0.89	1880	13.50	0.04	6.0	16.6	440
M356082		2.44	20.4	0.17	1.8	0.031	3.05	28.9	44.8	1.09	531	0.86	0.08	9.0	6.4	870
M356083		2.19	19.40	0.17	3.1	0.026	2.76	31.5	26.8	1.01	446	1.27	0.30	8.9	17.1	710
M356084		3.11	18.45	0.17	1.8	0.048	2.78	21.0	65.1	0.79	313	3.09	0.85	7.9	8.1	660
M356085		3.31	16.85	0.19	0.9	0.059	2.88	26.0	41.1	0.81	289	0.87	1.22	6.6	2.5	610
M356086		3.87	17.10	0.18	0.8	0.023	2.73	23.9	81.3	0.76	146	1.01	0.55	6.1	2.6	590
M356087		3.87	17.45	0.18	0.9	0.014	2.95	27.0	55.1	0.89	147	1.33	0.31	6.7	2.9	650
M356088		3.36	16.70	0.17	0.8	0.018	2.94	27.2	54.5	1.30	251	1.76	0.06	6.9	3.0	600
M356089		0.49	0.33	0.09	<0.1	<0.005	0.03	0.7	1.2	12.60	208	0.12	0.01	0.2	<0.2	170
M356090		3.45	17.10	0.16	0.8	0.033	2.66	27.4	40.7	0.79	192	2.29	1.42	7.4	2.5	630
M356091		3.23	17.15	0.18	0.9	0.026	2.65	32.9	30.3	0.92	220	19.95	1.49	7.7	2.3	610
M356092		6.71	15.10	0.17	0.9	1.865	2.69	22.2	22.3	0.89	1880	13.20	0.04	6.0	16.7	450
M356093		3.71	18.00	0.18	0.8	0.037	2.90	29.4	22.9	0.95	268	4.82	0.80	6.7	3.6	630
M356094		3.36	17.40	0.18	0.8	0.034	3.18	29.4	34.1	0.85	220	4.26	1.05	5.7	2.7	610
M356095		3.25	17.75	0.18	0.9	0.029	2.97	29.0	28.3	0.73	208	3.98	1.66	6.6	2.5	610
M356096		4.71	17.60	0.19	0.8	0.201	3.34	27.2	20.5	0.92	1040	3.19	0.10	5.5	3.0	610
M356097		0.44	0.29	0.10	<0.1	<0.005	0.04	0.5	1.0	11.65	182	0.23	0.01	0.2	<0.2	180
M356098		3.50	17.65	0.16	0.9	0.028	3.11	29.2	51.1	0.90	281	3.26	0.70	5.9	2.5	630
M356099		2.78	17.00	0.20	0.9	0.019	2.67	25.4	28.0	0.65	176	2.41	1.47	7.2	2.2	550
M356100		3.35	16.65	0.19	0.9	0.020	2.62	28.6	40.1	0.94	164	2.86	0.66	6.6	2.5	580
M356101		3.66	18.10	0.18	0.9	0.028	2.89	28.8	52.9	0.87	214	1.27	0.38	6.5	3.1	650
M356102		8.68	15.15	0.19	0.8	0.196	2.71	16.6	25.2	0.72	535	2.24	0.05	3.4	2.1	460
M356103		3.15	17.00	0.16	1.0	0.048	2.99	25.9	24.4	0.68	231	0.81	0.57	7.1	2.4	600
M356104		3.25	16.40	0.19	0.9	0.033	2.68	26.9	23.5	0.70	200	1.01	0.81	6.4	2.4	580
M356105		3.54	17.20	0.18	1.0	0.044	2.84	28.6	27.7	0.76	211	0.80	0.92	6.7	2.4	610
M356106		3.84	16.95	0.18	1.0	0.121	3.07	29.0	20.5	0.75	290	0.76	0.96	6.2	2.7	580
M356107		4.38	17.25	0.17	0.9	0.051	3.33	25.2	18.4	0.94	171	1.45	0.08	5.1	2.9	610
M356108		3.38	17.20	0.18	0.9	0.043	3.40	28.7	17.3	0.94	496	2.66	0.36	5.6	2.7	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356073		41.4	115.0	0.002	0.89	8.89	12.4	1	2.9	256	0.57	0.08	12.7	0.259	1.82	3.2
M356074		136.0	124.0	0.003	1.62	7.89	11.5	1	3.3	314	0.51	0.12	12.5	0.227	1.69	4.0
M356075		32.5	114.5	0.003	1.79	3.12	10.8	2	2.8	514	0.45	0.24	12.0	0.223	1.55	3.9
M356076		47.1	127.5	0.003	1.83	14.50	11.2	1	3.4	402	0.43	0.25	11.8	0.208	1.67	3.6
M356077		35.3	105.5	0.005	0.07	6.87	6.3	1	1.6	337	0.81	<0.05	9.9	0.262	1.77	4.4
M356078		32.6	101.0	0.003	0.06	6.25	6.1	<1	1.5	321	0.77	<0.05	10.2	0.250	1.66	4.0
M356079		33.3	102.5	<0.002	0.04	8.93	6.5	1	1.5	433	0.85	<0.05	10.4	0.249	1.52	3.3
M356080		89.4	115.0	<0.002	0.07	5.91	6.5	1	2.4	286	0.75	<0.05	9.7	0.274	1.53	4.5
M356081		2850	167.0	0.002	4.80	93.6	8.5	2	8.5	92.7	0.50	0.45	10.4	0.184	2.40	5.0
M356082		52.4	104.0	<0.002	0.08	4.30	6.7	1	2.2	320	0.75	<0.05	9.4	0.281	1.56	4.8
M356083		29.9	113.0	<0.002	0.07	5.40	6.5	1	1.8	317	0.74	<0.05	10.8	0.263	1.45	4.3
M356084		51.6	117.0	<0.002	1.38	15.15	10.4	2	3.3	417	0.71	0.11	11.8	0.250	1.65	6.8
M356085		45.4	140.0	<0.002	1.53	13.80	11.2	2	3.9	405	0.59	0.13	12.8	0.234	1.88	4.4
M356086		24.9	116.5	<0.002	2.62	9.19	10.9	2	4.5	304	0.50	0.17	11.6	0.215	1.59	3.9
M356087		36.4	139.5	<0.002	2.54	5.27	12.5	3	4.6	279	0.56	0.21	12.8	0.231	1.83	4.8
M356088		20.7	121.0	<0.002	1.45	8.53	10.9	2	3.4	196.5	0.59	0.13	12.1	0.245	1.88	3.4
M356089		1.6	1.4	<0.002	<0.01	<0.05	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356090		18.6	111.0	<0.002	1.12	4.64	12.2	2	3.2	370	0.62	0.23	11.6	0.258	1.36	3.8
M356091		28.7	129.5	<0.002	0.84	4.20	11.7	2	3.7	374	0.63	0.18	15.0	0.253	1.55	6.0
M356092		2870	167.5	0.002	4.82	98.7	8.5	2	9.0	91.5	0.50	0.43	10.4	0.185	2.46	5.0
M356093		48.7	178.5	<0.002	1.73	9.18	11.3	2	5.2	220	0.57	0.29	13.8	0.237	2.26	5.1
M356094		24.3	170.5	<0.002	1.58	6.46	11.3	2	5.3	262	0.51	0.20	14.2	0.214	2.08	5.0
M356095		18.8	134.0	<0.002	0.98	2.38	11.3	2	3.1	447	0.56	0.15	12.8	0.234	1.56	4.0
M356096		74.5	171.0	<0.002	3.51	5.29	11.1	2	7.1	126.0	0.46	0.27	12.4	0.208	2.23	4.3
M356097		1.6	1.2	<0.002	0.01	<0.05	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356098		19.6	142.0	<0.002	1.52	5.76	11.6	2	3.7	298	0.52	0.15	13.2	0.237	1.83	4.6
M356099		18.6	109.5	<0.002	0.36	3.16	10.4	2	2.3	367	0.66	0.07	12.6	0.239	1.29	4.0
M356100		26.0	130.5	<0.002	1.53	7.86	11.0	2	2.7	300	0.60	0.23	14.5	0.226	1.62	5.1
M356101		22.7	145.0	<0.002	1.95	7.30	12.0	2	5.5	231	0.54	0.28	13.1	0.234	1.85	4.2
M356102		95.1	146.0	<0.002	8.83	7.31	9.1	4	9.4	103.5	0.30	0.82	9.7	0.141	1.69	4.9
M356103		18.0	121.0	<0.002	0.86	2.66	10.9	2	2.8	257	0.66	0.21	14.0	0.240	1.61	4.0
M356104		24.3	118.5	<0.002	1.21	2.58	10.6	2	3.9	332	0.56	0.26	12.8	0.222	1.44	4.0
M356105		25.7	133.5	<0.002	1.48	3.33	10.9	2	4.7	321	0.57	0.27	13.3	0.229	1.44	4.3
M356106		239	147.0	<0.002	2.23	9.39	10.5	2	5.2	266	0.52	0.36	13.5	0.216	1.78	4.1
M356107		192.0	136.0	<0.002	3.65	6.12	11.0	3	6.3	117.0	0.43	0.33	12.7	0.196	1.88	4.5
M356108		68.5	158.0	<0.002	2.15	10.35	10.8	2	3.4	204	0.47	0.25	13.9	0.209	2.20	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M356073		71	2.3	13.8	96	20.9
M356074		66	2.4	13.2	184	17.9
M356075		66	3.2	11.1	92	15.1
M356076		62	5.1	12.4	88	15.9
M356077		49	1.7	12.2	127	84.8
M356078		47	1.6	11.9	123	76.6
M356079		50	1.2	12.3	125	82.9
M356080		52	1.2	12.7	208	57.1
M356081		59	5.1	10.1	5460	25.5
M356082		53	1.3	12.6	176	50.2
M356083		50	1.1	11.9	98	110.5
M356084		69	2.0	12.2	142	55.7
M356085		72	2.8	12.6	121	20.2
M356086		70	2.8	11.7	32	20.3
M356087		76	3.5	13.9	41	20.6
M356088		72	2.4	12.4	55	19.8
M356089		2	0.1	0.8	16	<0.5
M356090		74	2.1	12.9	28	19.3
M356091		72	1.5	14.4	43	20.8
M356092		59	5.0	10.4	5600	24.6
M356093		72	2.8	14.3	65	19.9
M356094		75	3.5	12.5	51	19.7
M356095		73	1.5	12.3	50	21.5
M356096		72	4.1	11.8	516	19.5
M356097		2	0.1	0.7	17	<0.5
M356098		76	2.2	12.2	57	19.9
M356099		66	0.8	12.2	31	19.9
M356100		68	2.2	13.4	40	20.5
M356101		74	3.7	13.1	52	20.2
M356102		62	5.7	9.5	92	18.4
M356103		71	1.8	12.5	38	22.8
M356104		68	2.5	12.0	31	20.7
M356105		71	2.7	13.1	36	23.3
M356106		68	2.8	11.9	288	22.8
M356107		72	3.7	10.7	483	22.5
M356108		72	2.5	11.5	113	22.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219450

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219451

Project: Klaza-130

P.O. No.: Batch 7

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

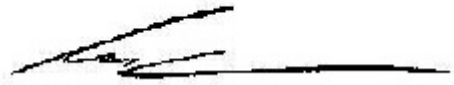
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219451

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356109		5.47	0.315	2.85	6.88	83.4	1010	1.34	8.08	1.92	1.51	54.8	8.7	9	10.50	789
M356110		3.12	0.119	1.01	7.39	70.3	370	1.58	2.09	1.96	2.94	50.9	7.6	9	11.30	172.5
M356111		5.43	0.012	0.31	6.79	26.7	2140	2.06	0.25	2.83	0.70	58.4	6.3	21	9.80	101.0
M356112		8.84	<0.005	0.13	7.03	21.2	1030	2.26	0.09	2.81	0.58	62.4	6.0	20	9.70	11.2
M356113		0.25	2.18	24.7	6.07	3350	1040	1.29	19.20	2.24	77.9	45.2	9.7	19	13.75	447
M356114		8.78	<0.005	0.21	6.90	21.1	1500	2.18	0.18	2.79	0.47	57.0	5.9	21	10.10	13.1
M356115		4.12	0.084	0.76	7.20	71.8	590	1.69	1.24	1.76	0.49	51.6	9.2	7	13.80	221
M356116		6.13	0.051	0.51	7.29	32.2	470	1.71	0.84	2.08	0.35	50.0	6.9	9	14.00	123.5
M356117		2.48	0.386	52.6	5.99	185.0	490	1.40	6.85	2.89	126.5	40.8	5.8	7	10.50	377
M356118		1.93	<0.005	0.16	0.07	<5	30	<0.05	0.04	20.8	0.38	1.32	1.3	<1	0.14	3.4
M356119		4.93	0.049	0.83	6.81	51.7	600	1.30	0.76	3.05	1.10	46.1	6.8	8	15.90	91.7
M356120		2.21	0.037	0.45	6.91	41.4	1840	1.57	0.47	2.64	0.33	44.0	6.5	8	16.45	82.9
M356121		4.71	0.053	0.62	6.91	34.0	670	1.62	1.06	2.32	2.93	46.4	15.5	8	14.95	85.0
M356122		4.87	0.046	0.49	7.18	29.0	1350	1.54	0.58	2.92	0.56	56.3	7.3	9	17.15	92.3
M356123		3.96	0.771	12.00	7.06	184.5	500	1.65	12.70	1.01	5.63	48.0	7.1	8	10.60	1145
M356124		4.15	0.575	2.26	7.47	63.4	380	1.56	3.94	2.14	15.15	52.1	6.9	11	12.75	173.5
M356125		1.88	<0.005	0.11	0.07	<5	20	0.07	0.04	21.0	0.10	1.25	0.5	<1	0.20	3.1
M356126		6.56	0.082	0.38	7.50	18.5	630	1.69	1.25	2.58	0.46	47.2	13.4	9	10.95	129.5
M356127		6.32	0.178	0.37	7.33	20.9	1570	1.45	0.91	2.95	0.35	44.4	6.8	8	12.85	122.0
M356128		3.51	0.034	0.31	7.51	13.7	1880	1.65	0.57	2.62	0.20	41.9	7.4	8	10.45	142.5
M356129		4.56	0.076	0.58	7.53	26.1	1870	1.63	0.87	2.99	0.33	44.4	8.5	9	14.65	158.5
M356130		7.05	<0.005	0.09	7.25	6.5	1340	1.98	0.09	2.96	0.19	48.9	3.6	5	17.90	5.2
M356131		7.36	<0.005	0.03	7.25	5.3	1110	1.96	0.11	3.24	0.17	48.1	3.8	5	18.35	6.0
M356132		<0.02	<0.005	0.04	7.09	5.3	1070	1.92	0.09	3.05	0.15	44.1	3.4	5	16.75	4.2
M356133		3.44	0.007	0.21	7.40	12.6	1390	2.07	0.11	2.95	0.22	47.8	5.3	5	17.55	17.2
M356134		4.89	0.186	7.94	7.64	78.2	390	1.68	7.98	2.27	24.8	47.4	6.7	7	13.05	197.5
M356135		1.85	0.212	12.25	7.75	111.5	330	1.44	10.40	1.94	38.8	49.5	8.7	8	12.50	232
M356136		4.79	0.159	0.48	7.32	14.8	1940	1.64	0.85	2.27	0.31	46.6	7.7	9	10.90	176.0
M356137		2.34	0.645	1.66	7.24	40.1	450	1.38	2.00	2.17	0.49	48.9	7.6	9	10.10	301

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219451

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356109		5.56	15.45	0.16	0.9	0.185	2.91	27.7	20.8	0.74	536	1.14	0.31	4.8	2.8	520
M356110		3.97	17.10	0.14	0.9	0.072	3.14	25.4	34.4	0.76	298	1.33	0.26	6.3	3.2	580
M356111		2.38	19.10	0.13	4.5	0.062	2.36	27.9	19.4	0.89	504	1.98	1.37	10.8	8.2	1090
M356112		2.22	19.50	0.13	4.3	0.024	2.40	30.3	28.4	0.86	458	1.56	0.96	10.7	8.0	1040
M356113		6.71	13.65	0.17	1.0	1.685	2.69	23.8	21.3	0.93	1900	13.65	0.04	6.3	14.7	450
M356114		2.18	18.95	0.12	4.4	0.027	2.43	26.7	36.6	0.83	475	2.03	0.61	10.7	7.9	1130
M356115		3.19	16.35	0.13	1.0	0.069	2.77	26.8	57.7	0.69	363	3.67	0.06	6.4	3.2	610
M356116		3.14	16.35	0.15	0.9	0.023	2.92	25.0	22.0	0.78	413	1.37	0.64	6.8	3.0	560
M356117		7.02	15.35	0.19	0.7	6.61	2.53	21.7	15.2	1.02	1420	1.10	0.22	5.1	2.4	460
M356118		0.48	0.29	0.06	<0.1	0.021	0.03	0.6	0.8	12.35	209	0.08	0.01	0.3	2.8	160
M356119		3.40	15.45	0.13	1.0	0.055	3.04	22.7	20.9	0.88	834	0.85	0.23	7.7	2.5	590
M356120		2.82	15.95	0.12	0.9	0.033	3.25	21.2	26.8	0.69	881	1.08	0.32	7.4	2.6	570
M356121		3.66	16.20	0.13	0.9	0.079	2.94	23.1	22.0	0.74	521	2.85	0.40	7.0	3.1	540
M356122		3.15	16.05	0.14	0.9	0.035	2.98	29.1	15.0	1.03	672	2.91	0.07	7.1	2.9	570
M356123		5.61	19.20	0.17	0.9	0.321	3.37	24.1	10.4	0.60	819	2.52	0.04	5.6	2.7	510
M356124		4.33	16.55	0.17	1.0	0.172	3.06	25.7	19.0	0.72	548	4.52	0.35	5.9	5.3	590
M356125		0.46	0.21	0.13	<0.1	0.006	0.03	0.6	0.9	12.30	205	0.11	<0.01	0.1	1.4	170
M356126		3.91	15.80	0.21	0.8	0.026	2.75	22.3	28.9	0.85	234	3.06	1.36	6.2	2.7	580
M356127		3.22	15.95	0.19	1.0	0.037	2.83	20.3	37.4	0.80	287	2.42	0.32	6.7	2.4	570
M356128		3.10	16.45	0.18	1.3	0.017	2.46	20.1	26.4	0.78	179	4.74	1.87	7.3	2.7	580
M356129		3.50	16.05	0.18	1.1	0.029	2.39	20.7	53.2	0.92	271	5.96	1.22	6.9	2.7	600
M356130		2.51	17.95	0.22	2.3	0.034	2.35	21.5	57.6	0.73	425	1.42	0.56	8.7	1.8	840
M356131		2.53	18.85	0.19	2.1	0.033	2.48	21.0	51.3	0.71	470	1.09	1.16	9.0	1.9	830
M356132		2.47	17.10	0.19	2.1	0.024	2.35	19.6	47.2	0.69	443	0.96	1.15	8.4	1.7	800
M356133		2.59	18.45	0.19	2.2	0.034	2.58	20.7	32.2	0.71	462	4.94	0.89	8.9	2.5	860
M356134		4.03	15.95	0.22	1.0	0.293	2.96	23.9	39.6	0.83	728	3.39	0.65	5.8	2.6	610
M356135		4.24	16.60	0.23	1.0	0.446	3.01	24.8	36.8	0.78	584	2.49	0.62	5.8	2.6	600
M356136		3.21	16.15	0.16	1.0	0.022	2.41	21.3	31.8	0.84	172	2.52	1.55	6.7	2.6	600
M356137		3.68	16.50	0.20	1.0	0.034	3.02	23.5	37.2	0.85	242	1.92	0.59	4.2	3.0	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219451

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356109		70.3	143.0	<0.002	4.94	8.37	9.6	3	7.1	170.5	0.36	0.45	11.6	0.174	1.58	3.6
M356110		101.0	144.0	<0.002	2.91	10.80	10.8	2	5.9	175.0	0.46	0.28	12.9	0.206	1.77	4.3
M356111		32.3	71.1	<0.002	0.27	18.90	5.3	1	1.7	479	0.72	<0.05	8.2	0.298	0.90	3.7
M356112		33.9	73.1	<0.002	0.06	25.0	5.1	1	1.6	442	0.72	<0.05	9.3	0.299	0.90	3.9
M356113		2900	155.5	<0.002	4.82	90.2	7.8	2	7.9	88.4	0.48	0.36	9.9	0.180	2.21	5.0
M356114		27.2	64.2	<0.002	0.12	16.45	5.3	1	1.5	441	0.70	<0.05	7.9	0.311	0.92	3.7
M356115		20.5	117.0	<0.002	1.86	15.75	10.4	2	3.9	166.0	0.49	0.17	12.4	0.206	1.77	3.8
M356116		20.9	126.5	<0.002	2.02	8.94	10.7	2	3.0	290	0.53	0.25	12.1	0.214	1.90	6.0
M356117		>10000	99.1	<0.002	7.78	43.5	7.8	3	23.9	186.5	0.38	0.22	9.5	0.179	1.78	3.2
M356118		81.2	1.3	<0.002	0.02	0.15	0.2	1	0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M356119		50.8	108.0	<0.002	2.22	6.99	9.2	2	4.1	195.0	0.59	0.14	12.6	0.238	1.96	4.6
M356120		44.4	116.5	<0.002	1.53	5.86	9.6	2	3.1	222	0.56	0.13	11.7	0.230	2.08	4.3
M356121		115.0	120.0	<0.002	2.45	4.97	10.0	2	4.0	203	0.55	0.16	11.6	0.213	1.96	4.3
M356122		30.6	136.0	<0.002	1.81	5.99	10.6	2	3.2	140.5	0.55	0.12	13.3	0.209	2.10	5.0
M356123		430	190.0	<0.002	5.76	36.8	9.7	3	23.3	44.9	0.46	1.00	12.5	0.184	2.22	3.5
M356124		177.5	164.0	<0.002	3.46	5.39	10.7	2	7.4	170.0	0.47	0.28	15.2	0.207	2.20	4.8
M356125		2.9	1.7	<0.002	<0.01	0.10	0.2	<1	<0.2	41.9	<0.05	<0.05	0.2	<0.005	0.04	0.7
M356126		28.5	113.0	<0.002	2.32	4.17	10.1	2	3.3	357	0.54	0.33	13.0	0.229	1.51	4.5
M356127		21.6	113.0	<0.002	1.49	7.73	9.7	1	4.7	198.0	0.60	0.17	13.6	0.231	1.64	5.3
M356128		17.1	91.5	0.002	1.43	3.40	10.5	1	2.5	460	0.69	0.16	13.7	0.243	1.24	4.7
M356129		32.3	92.7	<0.002	1.41	12.15	10.0	1	3.0	438	0.62	0.26	11.5	0.242	1.18	5.2
M356130		18.5	77.3	<0.002	0.03	5.07	5.2	1	1.3	325	0.72	<0.05	8.3	0.302	1.18	4.0
M356131		16.1	84.2	<0.002	0.01	4.35	5.0	<1	1.4	402	0.68	<0.05	8.2	0.303	1.14	4.6
M356132		14.5	75.4	0.002	0.01	3.80	4.5	1	1.3	397	0.66	<0.05	7.8	0.293	1.15	4.0
M356133		31.5	85.5	<0.002	0.12	4.85	5.3	1	2.2	308	0.68	<0.05	8.0	0.314	1.23	4.2
M356134		3420	145.0	<0.002	3.01	8.96	9.2	2	7.5	253	0.48	0.29	12.6	0.226	1.61	4.2
M356135		5420	152.5	<0.002	3.49	11.50	9.9	2	11.8	255	0.52	0.30	13.7	0.220	1.78	4.4
M356136		34.1	94.3	0.002	1.24	6.84	10.3	1	2.9	458	0.58	0.19	12.9	0.233	1.25	4.3
M356137		54.4	156.5	<0.002	2.89	7.48	9.6	1	9.8	197.0	0.36	0.32	11.5	0.178	1.65	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219451

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M356109		64	4.0	11.0	149	20.2	2	
M356110		69	2.8	12.2	252	20.6	<1	
M356111		52	1.1	8.4	106	165.5	<1	
M356112		50	1.0	8.1	104	159.0	<1	
M356113		57	5.0	9.5	5490	24.8	25	
M356114		55	1.1	8.3	84	169.5	<1	
M356115		69	2.9	10.9	64	23.9	1	
M356116		69	2.8	11.5	47	22.0	<1	
M356117		56	3.6	9.9	9170	14.7	54	3.75
M356118		2	0.1	0.8	32	0.6	<1	
M356119		74	3.0	11.6	114	22.2	1	
M356120		70	2.3	11.3	44	19.7	<1	
M356121		66	3.0	11.1	242	19.6	1	
M356122		67	3.4	12.2	65	20.1	<1	
M356123		66	5.0	9.2	472	19.4	11	
M356124		67	4.7	11.1	1140	22.2	2	
M356125		2	0.1	0.8	15	<0.5	<1	
M356126		68	2.1	11.2	50	19.2	<1	
M356127		68	3.5	11.8	55	23.7	<1	
M356128		72	2.2	11.3	36	25.6	<1	
M356129		69	2.0	11.8	54	22.0	<1	
M356130		44	1.1	10.3	79	66.2	<1	
M356131		46	1.2	10.3	71	60.8	<1	
M356132		43	1.1	9.2	66	56.1	<1	
M356133		48	1.1	10.4	74	70.1	<1	
M356134		64	4.4	11.3	1640	24.3	8	
M356135		67	4.9	11.2	2430	22.3	11	
M356136		69	1.8	10.4	35	22.2	<1	
M356137		65	6.3	9.2	55	21.5	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-SEP-2012
Account: ROCKHA

Project: Klaza-130

CERTIFICATE OF ANALYSIS WH12219451

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219452

Project: Klaza-131

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

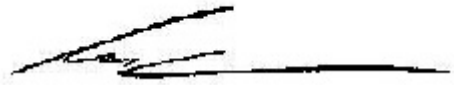
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219452

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354418		5.08	0.016	0.68	6.46	108.0	1120	1.49	0.22	2.01	2.73	38.7	7.2	7	20.3	67.1
M354419		2.74	0.032	0.42	7.35	85.3	2050	1.54	0.30	2.77	0.36	48.6	7.1	9	14.25	19.8
M354420		0.26	0.699	9.58	6.48	1665	1420	1.53	6.20	1.93	40.3	43.1	16.6	20	15.65	103.5
M354421		7.52	0.023	1.37	6.10	75.9	860	1.60	0.92	2.16	1.08	38.2	8.8	10	15.80	22.6
M354422		3.80	<0.005	0.58	6.18	44.0	870	1.46	4.31	1.74	0.34	39.2	11.2	10	20.2	49.7
M354423		2.51	0.241	0.59	6.48	441	1430	1.53	0.32	1.18	0.55	45.0	8.7	8	19.05	30.0
M354424		3.97	<0.005	0.13	6.86	13.6	1520	1.66	0.21	1.55	0.17	40.1	5.6	8	19.35	49.7
M354425		2.36	<0.005	0.18	6.29	45.4	1230	1.72	0.59	2.31	0.16	38.9	15.8	7	17.95	7.8
M354426		2.35	<0.005	0.07	0.07	<5	30	0.06	0.02	18.70	0.05	1.29	1.2	<1	0.19	2.4
M354427		7.46	<0.005	0.09	6.63	8.1	1870	1.65	0.15	2.31	0.09	41.2	7.2	13	14.95	9.3
M354428		8.43	<0.005	0.12	6.68	9.6	1990	1.52	0.27	2.40	0.09	44.5	6.9	13	11.75	15.8
M354429		8.51	<0.005	0.13	6.22	13.0	2480	1.62	0.50	2.41	0.13	37.1	7.4	12	11.45	6.8
M354430		8.19	<0.005	0.12	6.82	16.4	2060	1.73	0.45	2.38	0.12	43.9	6.7	12	13.70	6.3
M354431		<0.02	0.034	0.15	6.50	16.7	2020	1.49	0.41	2.38	0.12	39.5	7.1	11	13.55	7.9
M354432		6.05	<0.005	0.10	7.01	16.3	1980	1.68	0.35	2.13	0.17	44.8	7.6	11	16.05	8.5
M354433		2.91	0.019	0.66	6.66	89.6	2540	1.73	0.38	2.20	2.84	46.2	8.3	9	14.25	11.4
M354434		6.72	0.006	0.39	5.95	38.6	280	1.74	0.17	2.24	0.44	44.6	5.3	26	19.05	17.6
M354435		2.24	0.083	1.28	6.47	40.6	1640	1.33	1.21	1.54	0.76	36.1	7.7	11	17.15	19.6
M354436		3.46	<0.005	0.01	0.07	<5	30	0.06	0.03	18.65	0.06	1.18	1.3	<1	0.31	2.4
M354437		6.65	0.007	0.21	6.73	18.3	1920	1.22	0.42	2.28	0.23	43.8	6.5	8	17.85	10.0
M354438		7.35	<0.005	0.11	6.30	17.5	2200	1.31	0.35	2.05	0.18	37.7	7.0	8	16.00	14.5
M354439		8.56	<0.005	0.11	6.64	18.2	1940	1.38	0.52	2.47	0.13	43.7	6.8	9	15.80	9.6
M354440		6.25	0.035	1.94	6.16	96.1	1530	1.50	0.44	2.08	1.73	45.3	8.5	7	22.3	19.1
M354441		8.21	<0.005	0.03	6.95	30.9	570	1.48	0.12	1.62	0.24	61.0	4.8	12	14.20	4.1
M354442		2.74	0.612	1.87	7.41	1185	350	1.15	3.83	3.56	0.78	44.6	25.0	5	12.60	11.9
M354443		4.60	0.079	1.14	6.75	58.4	1840	1.39	4.79	2.34	0.41	48.5	28.7	7	14.60	3.9
M354444		1.67	0.079	1.19	7.05	67.0	1890	1.27	5.28	2.35	0.37	43.3	24.4	6	14.90	3.6
M354445		7.55	<0.005	0.18	7.56	26.1	2330	1.55	0.84	2.52	0.23	50.5	7.5	11	12.50	15.1
M354446		7.70	<0.005	0.24	7.25	29.1	2500	1.41	1.01	2.26	0.23	47.2	8.0	10	12.65	16.1
M354447		7.37	<0.005	0.09	6.44	9.0	2300	1.52	0.46	2.67	0.11	46.5	7.4	13	8.83	12.6
M354448		5.47	<0.005	0.38	6.91	16.6	1990	1.44	0.66	2.71	0.43	48.4	6.6	10	11.05	28.4
M354449		2.80	0.018	2.08	6.44	49.0	1830	1.34	1.30	2.67	1.07	43.8	7.3	8	13.55	167.5
M354450		7.67	<0.005	0.12	6.63	18.5	2130	1.53	0.45	2.65	0.16	50.8	7.1	10	9.28	13.2
M354451		0.26	0.787	9.75	6.59	1795	940	1.40	6.84	1.98	45.3	46.5	16.3	20	17.05	113.5
M354452		6.92	<0.005	0.15	7.04	17.8	2440	1.50	0.64	2.83	0.15	48.6	8.2	10	9.63	40.2
M354453		4.97	<0.005	0.14	6.87	16.5	2190	1.52	0.61	2.87	0.18	48.0	7.7	10	10.60	18.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219452

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354418		2.57	14.60	0.11	1.5	0.046	2.75	18.2	85.0	0.28	1900	3.01	0.12	7.3	3.0	530
M354419		3.11	15.20	0.13	1.6	0.049	3.20	26.8	15.6	0.70	1340	6.56	1.69	7.4	2.8	570
M354420		5.23	14.60	0.13	1.4	0.899	2.90	24.3	24.2	0.70	2010	12.00	0.27	7.8	14.3	500
M354421		3.04	15.60	0.13	1.1	0.117	2.02	19.2	47.4	0.54	1200	3.04	0.55	7.1	2.7	530
M354422		3.08	16.10	0.13	1.3	0.113	1.82	19.7	52.1	0.49	1340	0.74	0.15	7.2	4.0	600
M354423		2.92	15.50	0.13	1.2	0.057	2.32	24.5	63.7	0.33	1800	1.36	0.31	6.9	2.5	530
M354424		2.64	15.75	0.13	1.2	0.048	2.55	20.1	53.6	0.39	686	0.61	1.04	7.8	2.3	590
M354425		3.11	15.50	0.15	1.2	0.099	2.05	18.6	33.3	0.64	1000	0.56	0.96	7.1	2.6	540
M354426		0.42	0.28	0.07	<0.1	<0.005	0.02	0.7	1.2	11.70	188	0.28	0.01	0.3	1.9	150
M354427		2.69	15.95	0.14	1.1	0.039	2.51	20.3	22.5	0.67	520	0.58	1.70	7.3	2.9	560
M354428		2.80	15.35	0.14	1.1	0.042	2.59	23.2	13.5	0.76	620	0.72	2.07	7.5	2.7	620
M354429		2.62	15.55	0.13	1.2	0.050	3.09	18.6	9.3	0.64	747	0.66	1.58	7.3	2.7	540
M354430		2.66	15.90	0.15	1.2	0.037	2.72	22.9	18.3	0.65	686	0.84	1.75	7.6	2.7	560
M354431		2.61	15.85	0.14	1.2	0.038	2.70	19.7	18.5	0.62	694	0.90	1.70	7.4	2.8	530
M354432		2.75	16.10	0.15	1.2	0.034	2.73	22.9	23.5	0.65	691	0.87	1.72	7.9	2.7	590
M354433		2.76	16.05	0.15	1.2	0.032	2.56	24.6	27.4	0.73	2420	1.30	1.56	7.1	4.0	540
M354434		1.70	17.15	0.14	3.3	0.023	1.26	24.6	107.0	0.72	1240	1.34	0.03	7.2	17.1	520
M354435		2.57	16.15	0.14	1.2	0.044	2.91	17.9	30.4	0.54	1530	1.00	0.09	7.3	3.8	560
M354436		0.43	0.30	0.07	<0.1	<0.005	0.02	0.6	1.1	11.75	210	0.11	<0.01	0.3	1.8	150
M354437		2.70	14.80	0.14	1.3	0.035	2.68	22.4	28.3	0.71	1250	0.65	0.80	8.0	3.0	580
M354438		2.60	15.50	0.15	1.4	0.035	2.85	18.7	24.8	0.62	837	0.60	0.64	8.3	3.2	580
M354439		2.71	14.75	0.16	1.3	0.035	2.81	22.5	13.9	0.72	699	0.72	1.53	7.9	2.9	570
M354440		2.60	15.25	0.15	1.4	0.042	3.28	22.9	20.2	0.68	2260	1.46	0.42	8.3	3.1	560
M354441		2.24	17.50	0.16	3.2	0.029	0.99	31.9	76.3	0.72	646	1.28	0.04	10.2	4.8	910
M354442		6.91	17.05	0.23	1.4	0.326	3.48	22.8	15.7	1.18	10500	1.17	0.03	7.8	2.8	580
M354443		5.12	18.45	0.19	1.2	0.337	3.85	25.0	19.7	0.96	3150	0.66	0.05	8.6	3.4	620
M354444		5.41	19.30	0.20	1.2	0.359	3.89	21.8	18.3	0.97	3270	0.51	0.05	8.3	3.3	610
M354445		3.13	15.95	0.19	1.3	0.050	2.86	26.2	18.5	0.85	808	0.82	2.21	8.6	3.3	640
M354446		3.01	15.35	0.17	1.3	0.045	2.65	24.3	24.7	0.76	863	0.81	1.64	8.4	3.3	630
M354447		2.86	15.80	0.18	1.4	0.040	2.76	23.3	20.4	0.83	700	1.05	2.31	8.6	3.2	590
M354448		2.70	15.00	0.18	1.5	0.043	2.80	25.6	20.3	0.73	710	0.87	2.10	8.5	2.9	560
M354449		2.81	14.35	0.17	1.5	0.077	2.74	22.1	21.2	0.72	1160	1.35	1.58	8.1	3.4	660
M354450		2.83	15.60	0.17	1.5	0.041	2.73	25.7	15.4	0.80	1300	1.36	2.16	8.4	3.3	610
M354451		5.32	14.55	0.20	1.3	1.020	2.88	24.2	23.6	0.72	2120	14.05	0.28	7.9	16.6	510
M354452		3.02	15.60	0.17	1.3	0.047	2.54	24.3	20.7	0.92	744	3.04	2.42	8.6	3.2	660
M354453		3.12	15.95	0.20	1.3	0.050	2.48	23.6	18.4	0.89	745	2.44	2.37	8.8	3.3	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219452

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354418		81.5	121.5	<0.002	0.16	42.6	8.6	1	1.5	104.5	0.66	<0.05	11.4	0.238	2.23	3.5
M354419		35.7	138.5	0.002	0.23	8.45	9.9	1	1.7	302	0.75	0.05	14.9	0.259	1.74	3.0
M354420		1365	161.0	<0.002	3.08	32.5	8.5	1	5.8	147.0	0.59	0.31	11.4	0.210	2.57	4.9
M354421		86.8	84.7	<0.002	0.20	24.6	9.6	1	6.4	123.0	0.62	<0.05	10.3	0.237	1.55	4.8
M354422		16.5	73.9	<0.002	0.19	45.3	10.8	1	6.5	114.5	0.65	<0.05	9.7	0.252	2.26	12.9
M354423		41.8	109.5	<0.002	0.32	38.8	10.6	1	3.9	121.0	0.60	<0.05	12.4	0.229	1.58	7.7
M354424		15.7	103.0	<0.002	0.03	17.50	10.4	1	3.5	188.0	0.71	<0.05	12.5	0.246	1.38	3.3
M354425		12.1	81.2	<0.002	0.21	13.20	9.4	1	5.2	138.0	0.63	0.05	10.1	0.233	1.34	4.9
M354426		0.8	1.2	<0.002	<0.01	0.09	0.2	1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M354427		16.6	87.9	<0.002	0.01	3.43	10.3	1	1.6	298	0.63	<0.05	11.4	0.254	0.98	3.3
M354428		16.8	95.8	<0.002	0.03	2.85	10.8	1	1.7	361	0.65	<0.05	11.9	0.259	1.06	3.5
M354429		15.1	111.0	<0.002	0.06	3.40	9.4	1	1.5	277	0.69	<0.05	10.2	0.243	1.36	3.4
M354430		16.7	108.5	<0.002	0.06	4.23	10.4	1	1.4	303	0.69	<0.05	12.1	0.249	1.05	3.7
M354431		16.6	100.5	<0.002	0.06	4.66	10.2	1	1.4	295	0.67	<0.05	10.9	0.246	1.08	3.6
M354432		17.9	108.5	<0.002	0.01	7.20	11.1	1	1.4	304	0.70	<0.05	11.9	0.256	1.12	3.7
M354433		111.0	111.0	<0.002	0.24	10.15	10.5	1	1.5	305	0.62	<0.05	12.4	0.238	1.30	3.3
M354434		31.2	45.4	<0.002	0.11	26.7	5.4	1	1.4	240	0.62	<0.05	9.6	0.224	0.75	7.9
M354435		193.5	108.0	<0.002	0.23	23.9	9.8	1	1.5	94.4	0.65	<0.05	9.7	0.241	1.48	7.9
M354436		0.7	1.4	<0.002	<0.01	0.10	0.1	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M354437		19.6	108.5	<0.002	0.21	17.30	10.3	1	1.4	201	0.78	<0.05	13.0	0.250	1.44	4.3
M354438		18.7	104.0	<0.002	0.08	13.80	9.8	1	1.8	165.5	0.78	<0.05	12.3	0.253	1.61	4.4
M354439		18.0	121.0	<0.002	0.05	4.80	9.9	1	2.0	261	0.75	<0.05	13.2	0.245	1.52	3.6
M354440		60.3	142.0	<0.002	0.42	16.55	9.9	1	2.0	125.0	0.80	<0.05	14.4	0.249	2.14	5.0
M354441		12.3	35.9	<0.002	0.03	26.2	5.0	1	1.5	147.5	0.82	<0.05	10.1	0.285	0.51	3.9
M354442		48.8	188.0	<0.002	3.46	30.2	10.8	1	3.1	72.8	0.80	0.13	13.4	0.246	2.84	5.1
M354443		17.5	171.0	<0.002	0.50	13.65	11.3	2	3.1	81.4	0.82	0.18	13.9	0.268	2.97	7.1
M354444		15.7	150.5	<0.002	0.40	12.40	10.6	2	3.4	80.3	0.79	0.20	12.9	0.258	3.06	8.1
M354445		24.3	123.5	<0.002	0.05	3.85	11.3	1	2.1	376	0.79	<0.05	14.5	0.274	1.35	4.8
M354446		21.4	114.0	<0.002	0.10	8.87	11.0	1	2.2	276	0.79	<0.05	13.3	0.268	1.25	5.5
M354447		18.7	105.5	<0.002	0.01	1.30	10.5	1	2.1	375	0.83	<0.05	13.7	0.269	1.15	4.2
M354448		45.6	119.0	<0.002	0.05	2.65	10.0	1	1.9	329	0.87	<0.05	16.2	0.243	1.21	4.8
M354449		266	115.5	<0.002	0.27	19.05	9.5	1	1.9	257	0.83	<0.05	12.5	0.253	1.50	5.1
M354450		22.5	111.5	<0.002	0.06	2.85	10.5	1	1.8	352	0.81	<0.05	14.2	0.266	1.19	4.8
M354451		1460	172.5	0.002	3.11	35.3	9.4	1	6.5	153.0	0.72	0.33	13.0	0.216	2.63	5.8
M354452		20.5	109.0	<0.002	0.03	2.22	11.4	1	1.8	412	0.80	<0.05	12.6	0.286	1.15	4.1
M354453		20.5	107.5	<0.002	0.01	2.59	11.6	1	1.9	389	0.82	<0.05	13.0	0.291	1.22	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219452

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M354418		65	3.9	12.6	494	35.7
M354419		70	2.7	15.3	79	35.2
M354420		58	4.9	10.9	2980	37.0
M354421		67	3.4	14.4	131	31.0
M354422		82	3.1	14.8	81	33.6
M354423		66	2.8	15.3	94	35.8
M354424		63	2.8	13.0	59	34.6
M354425		70	3.9	15.6	65	35.4
M354426		2	0.1	0.8	16	0.5
M354427		67	1.1	14.5	42	32.1
M354428		77	1.0	16.1	45	31.7
M354429		64	2.1	13.2	48	33.2
M354430		68	1.2	14.8	47	33.7
M354431		65	1.2	14.3	47	33.6
M354432		71	1.5	15.1	55	32.9
M354433		63	2.6	15.5	339	36.1
M354434		43	1.8	10.8	67	121.0
M354435		66	4.2	13.4	91	37.6
M354436		2	0.1	0.8	16	0.6
M354437		69	3.8	17.1	51	41.6
M354438		69	3.2	16.0	49	44.9
M354439		67	1.4	17.2	44	39.3
M354440		67	3.2	16.0	153	46.4
M354441		46	2.6	10.9	86	124.5
M354442		70	17.0	15.8	118	39.9
M354443		82	10.3	18.8	83	36.9
M354444		84	12.1	18.0	80	36.4
M354445		76	1.7	19.6	65	40.1
M354446		76	2.0	18.3	62	40.2
M354447		72	1.5	18.6	49	41.4
M354448		66	1.3	18.1	82	45.6
M354449		71	2.5	17.7	145	44.7
M354450		72	1.4	18.4	56	44.8
M354451		60	5.1	13.4	3100	42.8
M354452		79	1.8	19.7	56	36.1
M354453		80	3.2	19.5	60	35.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219452

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219453

Project: Klaza-131

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

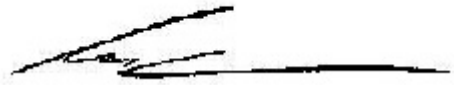
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219453

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354454		2.79	<0.005	0.21	7.99	25.1	2310	1.43	0.85	3.03	0.23	51.5	8.6	11	15.10	18.8
M354455		8.66	<0.005	0.18	8.00	19.1	2230	1.45	0.60	2.70	0.20	52.4	8.0	12	12.05	16.4
M354456		4.65	<0.005	0.20	8.00	11.6	2290	1.48	0.39	2.70	0.16	54.2	7.7	13	11.25	27.9
M354457		0.26	0.285	>100	5.52	243	630	0.65	4.53	1.44	26.2	19.20	11.9	62	0.88	6200
M354458		7.62	<0.005	0.22	7.75	25.4	2310	1.56	0.54	2.57	0.25	48.6	6.6	11	14.25	21.8
M354459		7.92	<0.005	0.13	7.24	7.3	2050	1.54	0.56	2.51	0.15	50.3	7.3	10	8.54	12.0
M354460		7.09	<0.005	2.35	6.93	11.5	2040	1.52	0.37	2.53	0.42	43.9	7.1	9	8.67	19.7
M354461		8.20	<0.005	0.18	7.20	12.9	2260	1.53	0.86	2.24	0.17	43.2	6.7	10	6.45	22.7
M354462		8.80	<0.005	0.15	7.37	13.6	2200	1.75	0.85	2.57	0.16	47.0	9.5	10	7.60	8.0
M354463		<0.02	<0.005	0.15	7.61	13.7	2200	1.61	0.72	2.72	0.15	46.5	9.0	9	7.59	7.7
M354464		8.75	<0.005	0.12	7.30	9.7	2090	1.71	0.46	2.60	0.12	44.3	8.2	10	8.43	11.8
M354465		8.00	0.008	0.19	6.85	28.2	2050	1.52	0.45	2.56	0.16	42.3	7.7	8	11.85	29.5
M354466		6.66	<0.005	0.25	6.74	33.4	2070	1.51	0.41	2.58	0.26	36.7	10.7	10	13.90	18.3
M354467		4.07	0.132	9.45	6.51	1585	980	1.74	18.00	2.13	8.78	35.4	10.3	9	17.10	120.5
M354468		2.75	<0.005	0.06	0.10	<5	30	0.05	0.05	20.4	0.09	1.34	0.8	<1	0.60	2.3
M354469		5.08	0.025	0.76	6.84	1605	1970	1.60	0.40	2.18	0.22	46.3	7.8	8	17.60	7.8
M354470		7.06	<0.005	0.25	7.19	14.7	2150	1.61	0.47	2.19	0.16	45.4	7.7	9	12.70	82.2
M354471		4.92	<0.005	0.13	7.41	11.4	2080	1.65	0.35	2.32	0.12	47.3	7.6	14	11.45	14.8
M354472		6.70	0.006	0.25	7.27	29.6	2010	1.70	0.41	2.56	0.23	45.5	7.4	8	11.35	25.0
M354473		2.58	0.008	0.60	7.18	40.3	1750	1.41	0.58	1.96	6.61	42.3	7.2	9	15.75	30.6
M354474		7.70	<0.005	0.21	6.61	21.1	1990	1.41	0.93	2.05	0.19	36.0	6.0	8	12.20	35.7
M354475		0.26	2.33	25.3	5.78	3070	1520	1.34	19.25	2.13	77.6	40.1	10.7	17	14.15	432
M354476		6.37	0.019	0.53	8.29	47.4	1320	1.98	1.48	1.92	0.87	37.8	9.4	6	23.0	13.7
M354477		2.49	2.75	1.05	4.90	1685	280	1.16	0.85	4.12	2.25	24.3	6.2	4	11.90	10.0
M354478		2.67	0.332	4.33	8.42	291	530	1.91	4.55	2.70	1.37	58.8	25.2	6	23.7	991
M354479		2.56	0.978	44.2	5.99	2120	980	1.07	1.81	2.08	19.95	44.4	4.9	6	11.10	173.5
M354480		1.22	<0.005	0.09	0.10	<5	30	0.10	0.01	20.5	0.08	1.34	0.7	<1	0.31	3.0
M354481		2.50	0.036	0.63	7.21	45.7	1830	1.44	0.54	1.59	2.13	43.0	6.9	7	17.85	38.8
M354482		5.55	0.005	0.29	7.42	61.8	950	1.56	0.45	1.58	0.63	39.4	6.9	9	16.45	129.5
M354483		4.86	0.144	0.66	6.96	48.0	4420	1.24	0.55	1.37	1.26	42.6	10.9	6	12.80	103.5
M354484		2.15	0.032	0.78	6.67	56.0	3120	1.31	0.98	1.51	1.52	41.4	13.8	6	12.50	106.0
M354485		6.99	0.021	0.43	7.50	8.4	2120	1.74	2.12	2.13	0.11	47.8	7.2	9	13.25	89.6
M354486		7.17	<0.005	0.32	7.49	36.6	1750	1.73	1.87	2.34	0.22	43.9	17.5	6	22.9	20.4
M354487		1.77	<0.005	0.16	7.41	14.9	420	2.23	1.30	3.08	0.15	75.0	14.1	35	29.0	18.5
M354488		6.85	0.055	0.87	8.73	20.4	1120	1.47	4.90	2.24	0.16	45.3	22.9	6	17.55	131.0
M354489		5.94	<0.005	0.30	6.92	13.0	1810	1.64	0.58	2.03	0.13	38.1	4.8	8	16.35	86.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219453

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354454		3.34	18.45	0.17	1.3	0.046	2.89	26.3	25.2	0.71	790	2.83	1.26	9.3	3.2	700
M354455		3.18	17.05	0.21	1.3	0.042	3.01	28.4	15.6	0.85	857	1.11	2.10	8.4	3.1	620
M354456		3.42	17.30	0.19	1.2	0.053	3.10	28.1	11.0	0.86	1620	1.07	2.24	9.1	3.2	690
M354457		5.87	12.15	0.23	1.3	0.456	1.15	9.5	11.5	1.09	1740	20.7	1.62	3.1	29.8	460
M354458		3.07	15.55	0.17	1.1	0.054	3.40	25.6	13.9	0.78	993	1.01	1.68	8.1	3.0	610
M354459		2.90	16.05	0.20	1.3	0.038	2.72	26.3	12.6	0.77	778	1.77	2.09	8.6	2.7	560
M354460		2.97	16.20	0.14	0.9	0.041	2.60	20.1	17.7	0.72	1420	4.09	1.79	8.2	2.9	580
M354461		3.08	15.65	0.16	1.0	0.060	2.68	22.2	15.3	0.85	790	2.78	2.31	8.1	2.7	590
M354462		3.07	16.65	0.18	1.0	0.043	2.57	23.2	20.3	0.83	693	2.28	2.31	8.5	2.9	590
M354463		3.06	15.90	0.16	1.0	0.040	2.65	22.9	20.3	0.84	721	2.62	2.34	8.5	2.6	590
M354464		3.04	16.10	0.15	1.0	0.051	2.62	21.9	15.4	0.83	855	1.25	2.13	8.6	2.9	630
M354465		2.96	16.05	0.16	1.0	0.090	2.95	19.9	20.6	0.73	995	0.96	1.36	8.1	2.6	560
M354466		2.89	16.30	0.15	1.1	0.054	3.00	17.1	13.8	0.68	896	1.86	1.48	8.3	2.8	580
M354467		3.51	16.45	0.12	0.9	0.179	3.03	17.3	40.9	0.76	1370	19.50	0.08	7.9	4.4	560
M354468		0.49	0.44	0.14	<0.1	<0.005	0.05	0.7	2.0	12.30	219	0.19	0.01	0.3	1.4	160
M354469		2.76	16.10	0.22	1.2	0.042	2.75	21.8	32.0	0.62	881	3.09	1.04	8.4	2.8	570
M354470		3.02	16.65	0.18	1.1	0.061	2.59	21.5	25.8	0.71	736	1.51	1.36	8.6	2.8	620
M354471		2.99	16.45	0.17	1.2	0.035	2.61	22.3	22.4	0.75	733	1.75	1.62	8.4	2.7	620
M354472		2.92	16.70	0.19	1.3	0.047	2.72	22.6	15.9	0.74	1560	1.04	1.90	8.7	2.6	600
M354473		3.08	16.35	0.15	1.3	0.069	2.82	20.6	30.8	0.63	1680	1.19	0.57	9.2	2.7	630
M354474		2.84	15.25	0.14	1.2	0.055	2.72	17.4	28.7	0.62	816	1.09	0.98	8.1	2.4	610
M354475		6.51	13.65	0.17	0.8	1.580	2.49	22.9	25.6	0.88	1860	12.65	0.04	6.0	15.7	420
M354476		4.54	22.0	0.14	1.1	0.192	2.76	18.4	41.0	0.73	2230	0.38	0.55	9.0	3.2	630
M354477		4.28	12.50	0.10	0.5	0.184	2.16	14.1	38.3	1.26	5560	1.73	0.02	4.5	2.3	290
M354478		7.26	25.9	0.16	0.9	0.522	3.27	29.5	56.4	1.26	4840	0.90	0.04	8.6	3.4	650
M354479		4.47	15.45	0.14	0.8	0.306	2.75	23.3	23.2	0.80	5270	3.16	0.02	6.7	2.6	440
M354480		0.48	0.30	0.12	<0.1	0.005	0.05	0.7	1.4	12.20	228	0.08	<0.01	0.2	1.3	170
M354481		2.89	16.25	0.16	1.3	0.079	3.08	20.8	71.9	0.61	1600	1.43	0.17	8.7	2.3	580
M354482		2.54	16.60	0.18	0.9	0.064	1.74	19.8	119.5	0.54	1280	1.01	0.03	8.3	2.8	610
M354483		3.02	14.35	0.15	0.8	0.128	2.58	24.1	59.1	0.60	1570	1.41	0.11	6.7	2.5	510
M354484		3.21	15.05	0.15	0.8	0.132	2.53	22.5	64.4	0.61	1710	1.53	0.09	7.3	2.6	520
M354485		3.33	16.30	0.19	1.0	0.083	2.89	24.0	20.0	0.81	668	1.25	1.63	8.3	2.6	610
M354486		4.23	18.20	0.17	1.1	0.189	2.31	21.2	40.6	0.90	1560	1.16	0.95	8.6	3.6	580
M354487		4.06	19.05	0.20	3.5	0.076	1.69	40.4	57.2	1.11	1190	1.65	0.28	10.9	13.9	1550
M354488		5.94	20.6	0.16	1.1	0.281	1.79	23.3	19.5	0.84	1900	4.72	3.10	8.9	3.4	620
M354489		2.83	15.45	0.13	1.4	0.084	2.89	18.1	23.1	0.66	746	0.60	1.36	8.7	2.4	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219453

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354454		24.4	122.5	<0.002	0.03	9.38	12.3	2	2.3	283	0.86	<0.05	14.1	0.302	1.34	6.4
M354455		22.1	140.5	<0.002	0.05	4.56	11.4	2	2.2	365	0.74	<0.05	14.7	0.274	1.42	5.4
M354456		20.8	138.0	<0.002	0.05	3.15	12.1	2	2.7	379	0.80	<0.05	14.3	0.295	1.47	5.1
M354457		>10000	29.0	0.012	2.36	423	12.1	4	2.0	195.5	0.16	1.04	1.9	0.248	0.49	1.2
M354458		24.6	150.5	<0.002	0.08	8.66	10.3	2	2.3	288	0.70	<0.05	13.5	0.268	1.82	4.0
M354459		22.5	123.0	<0.002	0.02	1.96	10.4	2	1.9	342	0.88	<0.05	14.6	0.244	1.19	5.2
M354460		43.2	95.1	<0.002	0.03	7.53	10.0	1	1.8	320	0.71	<0.05	10.2	0.253	1.21	3.3
M354461		17.4	103.5	<0.002	0.02	2.65	10.0	2	1.5	369	0.68	<0.05	11.0	0.248	1.14	3.0
M354462		19.8	95.4	0.002	0.04	1.98	10.6	3	2.6	374	0.74	<0.05	11.7	0.252	1.05	3.4
M354463		19.8	101.5	0.002	0.04	1.94	10.5	2	2.4	380	0.71	<0.05	12.1	0.259	0.99	3.6
M354464		18.3	102.0	<0.002	0.04	1.74	11.1	2	1.6	352	0.72	<0.05	11.0	0.257	1.13	3.6
M354465		17.0	116.5	<0.002	0.11	5.93	10.1	2	1.7	262	0.64	<0.05	11.1	0.236	1.59	4.0
M354466		27.3	115.5	0.003	0.13	7.63	10.0	1	1.8	280	0.70	<0.05	9.8	0.244	1.74	4.2
M354467		648	112.0	<0.002	1.75	70.6	9.3	2	2.9	138.5	0.65	0.35	9.0	0.236	2.83	4.5
M354468		2.9	3.9	<0.002	<0.01	0.27	0.4	1	<0.2	40.6	<0.05	<0.05	0.7	<0.005	0.02	3.5
M354469		23.6	117.0	<0.002	0.53	33.3	10.6	2	1.5	235	0.69	<0.05	10.4	0.248	1.89	3.5
M354470		18.0	100.5	0.003	0.03	11.55	10.9	2	1.7	269	0.72	<0.05	9.7	0.262	1.09	3.2
M354471		16.9	100.0	<0.002	0.03	7.92	10.6	1	1.6	299	0.70	<0.05	10.8	0.263	1.18	3.5
M354472		39.1	107.5	<0.002	0.09	5.58	10.8	1	1.9	323	0.71	<0.05	11.2	0.251	1.22	3.4
M354473		126.5	106.0	<0.002	0.20	20.4	11.3	2	2.2	149.5	0.75	<0.05	10.9	0.270	1.68	3.3
M354474		16.7	91.4	0.002	0.06	14.00	9.7	1	1.9	185.0	0.70	<0.05	9.3	0.250	1.40	2.6
M354475		2790	153.0	0.002	4.57	85.4	8.1	1	7.3	89.0	0.48	0.40	9.6	0.172	2.13	4.6
M354476		100.0	113.5	<0.002	0.62	32.1	11.3	2	7.2	131.0	0.73	0.06	9.2	0.275	2.48	4.9
M354477		113.5	146.5	<0.002	1.71	67.2	8.1	1	4.4	55.1	0.38	<0.05	8.0	0.138	2.09	3.2
M354478		105.0	125.0	<0.002	0.72	396	12.0	1	19.9	119.0	0.69	0.08	11.4	0.270	4.52	8.0
M354479		1680	184.0	<0.002	2.25	301	9.6	2	3.6	81.1	0.55	<0.05	10.1	0.193	2.65	5.3
M354480		3.4	2.4	0.002	<0.01	0.94	0.3	1	<0.2	38.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M354481		76.3	124.0	<0.002	0.20	27.2	10.3	2	2.1	137.0	0.77	<0.05	11.7	0.240	1.94	3.5
M354482		18.8	67.2	<0.002	0.23	56.5	10.3	2	2.1	227	0.66	<0.05	11.8	0.259	3.28	3.8
M354483		39.9	115.0	0.002	0.47	45.1	9.3	1	1.7	142.0	0.60	<0.05	12.4	0.218	2.59	4.3
M354484		39.7	109.0	<0.002	0.59	45.6	9.7	1	1.8	146.0	0.56	<0.05	11.7	0.218	2.96	4.7
M354485		17.7	122.0	<0.002	0.04	5.47	10.8	2	1.8	289	0.67	<0.05	12.8	0.254	1.23	3.1
M354486		18.3	89.9	<0.002	0.35	27.2	11.0	2	4.3	146.0	0.77	0.12	12.2	0.249	2.93	3.3
M354487		22.5	51.0	<0.002	0.05	39.3	9.0	2	2.6	185.0	0.67	0.08	7.1	0.414	1.16	3.8
M354488		25.1	85.1	0.002	0.42	15.05	10.9	3	12.3	149.5	0.72	0.33	12.3	0.273	1.22	3.3
M354489		19.6	104.5	<0.002	0.03	12.35	9.4	1	2.2	213	0.83	<0.05	10.7	0.243	1.44	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219453

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M354454		83	3.2	18.3	69	35.0		
M354455		77	1.6	17.9	60	34.9		
M354456		84	2.1	17.8	59	33.7		
M354457		85	0.5	13.4	5250	45.8	103	1.010
M354458		72	2.7	15.2	62	31.4		
M354459		67	1.8	16.6	53	33.6		
M354460		70	4.1	15.1	82	28.9		
M354461		68	2.4	15.2	55	30.3		
M354462		69	2.8	16.3	53	32.1		
M354463		72	2.4	16.4	55	30.8		
M354464		73	1.9	16.2	51	31.8		
M354465		65	5.0	14.6	51	33.3		
M354466		67	3.4	13.8	57	35.9		
M354467		69	13.3	11.1	636	31.0		
M354468		3	0.3	0.8	14	<0.5		
M354469		68	6.2	13.5	63	37.2		
M354470		72	2.8	15.4	57	34.7		
M354471		71	3.1	15.3	54	34.3		
M354472		69	2.4	16.0	78	39.8		
M354473		75	5.4	15.6	732	38.0		
M354474		67	3.3	13.6	58	35.3		
M354475		54	4.9	9.5	5210	24.4		
M354476		84	4.5	13.6	119	33.7		
M354477		65	3.2	9.6	171	18.8		
M354478		103	11.3	13.8	239	29.4		
M354479		60	7.1	9.7	2510	27.7		
M354480		3	0.1	0.9	16	<0.5		
M354481		65	3.5	14.0	273	37.1		
M354482		67	7.9	12.8	89	30.8		
M354483		61	8.6	12.7	152	25.4		
M354484		61	8.9	12.0	168	27.5		
M354485		71	3.9	15.4	49	32.9		
M354486		80	3.2	15.9	75	36.4		
M354487		91	2.6	16.8	78	158.0		
M354488		82	4.6	15.6	92	34.2		
M354489		66	2.8	13.2	53	40.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-131

CERTIFICATE OF ANALYSIS WH12219453

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219454

Project: Klaza-132

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

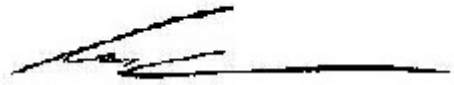
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219454

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356604		5.09	0.345	4.42	6.74	67.1	2400	1.11	4.12	0.33	0.35	61.0	2.0	10	9.20	133.5
M356605		3.76	0.219	3.56	6.71	154.5	1370	1.10	2.60	0.05	0.30	71.3	1.1	8	13.05	307
M356606		4.53	0.476	2.84	7.53	124.5	2200	1.20	3.15	0.04	0.18	57.6	1.0	8	12.35	170.5
M356607		5.21	0.172	1.87	7.39	201	1090	1.13	4.02	0.07	0.30	59.2	1.9	7	15.15	134.0
M356608		5.90	0.144	1.91	8.28	122.0	3730	1.10	1.33	0.07	0.23	60.2	2.5	8	15.20	232
M356609		0.26	0.300	>100	5.75	253	260	0.71	5.66	1.53	26.1	21.7	11.0	66	0.97	6330
M356610		6.49	0.142	1.79	8.05	186.0	1800	1.24	2.00	0.09	0.81	63.0	2.8	8	18.05	264
M356611		3.92	0.131	1.87	7.98	184.0	750	1.13	1.61	0.05	0.25	61.5	2.2	7	20.3	189.5
M356612		2.66	0.059	0.82	7.66	62.1	3960	1.49	0.75	0.87	4.72	63.7	11.4	7	14.60	604
M356613		3.20	0.196	1.56	6.84	46.5	1270	1.74	1.15	0.99	1.65	70.2	10.8	7	12.55	1270
M356614		1.98	0.099	0.99	7.22	52.2	550	1.53	1.37	1.25	4.38	47.5	10.1	8	14.10	548
M356615		1.43	<0.005	0.02	0.09	<5	40	0.07	0.07	21.8	0.07	1.43	1.2	<1	0.26	6.8
M356616		3.99	2.31	1.55	6.88	121.0	310	1.75	1.55	0.49	3.35	49.3	12.5	10	14.05	1120
M356617		7.97	0.371	2.25	7.40	242	490	1.69	1.30	0.68	5.83	50.8	11.2	9	14.20	1635
M356618		5.93	0.066	0.87	7.47	73.5	990	1.49	1.13	1.35	2.34	65.1	10.2	11	13.85	507
M356619		2.83	0.122	1.44	7.30	114.5	1140	1.44	1.00	1.72	5.31	56.6	11.3	7	15.65	592
M356620		3.35	0.069	1.22	7.36	89.1	370	1.57	1.64	1.12	2.28	50.2	11.9	9	14.55	654
M356621		0.26	4.56	>100	5.36	8280	100	1.15	60.1	2.00	233	34.5	8.1	17	11.75	1275
M356622		5.68	0.119	1.14	6.59	52.5	690	1.53	1.33	2.00	1.02	48.4	7.8	8	13.75	572
M356623		2.89	0.123	0.96	7.82	121.5	1840	1.58	1.24	1.14	3.71	52.5	9.8	8	12.95	928
M356624		4.02	1.425	14.95	5.35	354	450	1.36	41.2	0.24	3.16	30.3	7.2	7	14.80	1910
M356625		2.10	<0.005	0.03	0.11	<5	30	0.06	0.07	19.80	0.06	1.21	1.5	<1	0.23	6.3
M356626		3.23	4.66	2.91	7.59	183.5	740	1.67	4.48	0.42	3.12	47.5	6.8	8	12.70	1105
M356627		3.68	0.367	1.25	7.95	116.0	1290	1.44	2.15	1.41	2.44	45.2	9.7	7	11.75	873
M356628		6.17	0.210	1.82	7.93	176.5	1430	1.57	1.89	1.34	4.10	32.5	13.2	7	12.00	1260
M356629		2.26	0.179	1.81	7.49	146.0	1440	1.38	2.18	1.64	1.78	58.2	14.8	7	11.85	991
M356630		4.13	0.263	2.80	7.05	189.0	1940	1.21	2.63	1.45	1.47	46.0	15.6	14	11.70	1210
M356631		2.13	0.242	2.43	7.10	175.0	2060	1.23	2.21	1.58	1.24	47.0	15.7	7	11.85	1090
M356632		2.75	0.317	12.20	6.98	447	1300	1.55	7.63	1.57	12.75	60.8	5.8	6	17.25	1025
M356633		2.98	0.599	2.48	7.64	289	660	1.50	1.63	1.23	2.68	53.3	9.0	7	17.20	528
M356634		3.99	0.139	1.22	7.65	130.5	1680	1.55	1.48	1.81	0.70	58.5	6.4	8	14.55	598
M356635		3.05	0.129	2.20	7.44	175.5	930	1.37	1.42	1.89	1.20	48.4	8.8	7	16.20	509
M356636		<0.02	0.127	2.24	7.38	176.5	900	1.33	1.40	1.86	1.17	46.6	8.8	6	16.00	531
M356637		2.59	0.101	1.26	7.64	151.5	1900	1.56	0.50	1.54	26.2	51.0	10.4	7	19.65	693
M356638		2.31	0.194	4.00	7.71	256	680	1.52	1.89	0.37	2.23	59.8	3.2	7	23.5	538
M356639		5.46	0.104	1.81	7.94	145.5	1580	1.73	1.47	1.25	10.10	54.9	9.7	8	17.20	688

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219454

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356604		2.89	15.35	0.16	0.8	0.186	3.42	34.9	14.3	0.42	129	4.69	0.54	4.2	1.7	450
M356605		2.85	14.10	0.17	0.6	0.200	3.16	41.2	18.0	0.33	54	26.0	0.06	3.4	1.5	470
M356606		1.99	16.25	0.16	0.7	0.243	3.60	30.6	12.6	0.35	49	9.15	0.05	2.9	1.1	310
M356607		2.71	15.70	0.18	0.8	0.231	3.48	31.3	13.1	0.35	190	5.33	0.05	3.0	1.1	520
M356608		3.57	15.85	0.19	0.9	0.175	3.48	33.8	22.8	0.32	63	5.53	0.16	4.2	1.5	680
M356609		6.09	11.00	0.18	1.4	0.481	1.17	10.5	12.8	1.19	1840	23.6	1.71	3.4	28.5	480
M356610		2.99	15.30	0.16	0.8	0.175	3.54	34.9	14.0	0.34	65	10.80	0.05	4.4	2.0	870
M356611		2.87	15.15	0.19	0.8	0.292	3.59	33.6	11.0	0.33	45	5.08	0.05	4.5	1.3	680
M356612		3.25	14.90	0.19	0.9	0.100	3.15	34.8	21.7	0.48	472	6.21	0.67	5.4	3.3	700
M356613		3.07	14.55	0.21	0.9	0.174	3.20	39.8	16.8	0.52	163	16.75	0.73	4.7	3.9	620
M356614		3.67	13.80	0.20	0.7	0.215	3.27	25.2	16.4	0.62	338	4.55	0.41	4.3	2.9	580
M356615		0.47	0.27	0.07	<0.1	<0.005	0.04	0.7	1.0	11.85	218	0.24	0.01	0.3	1.9	160
M356616		4.46	13.70	0.18	0.6	0.253	3.24	25.8	18.3	0.48	204	18.50	0.05	2.6	4.2	650
M356617		4.41	13.55	0.19	0.7	0.282	3.32	27.8	10.5	0.49	378	4.43	0.05	3.7	4.0	640
M356618		3.23	14.30	0.19	0.7	0.124	3.32	35.1	16.4	0.70	482	5.54	0.05	3.8	2.8	600
M356619		3.65	13.45	0.19	0.7	0.136	3.16	30.9	16.0	0.76	1180	9.15	0.04	4.4	3.1	580
M356620		4.07	13.75	0.19	0.7	0.161	3.44	26.3	13.6	0.67	612	13.95	0.05	3.9	3.6	630
M356621		7.99	11.35	0.20	1.0	5.00	2.29	17.7	32.0	0.64	3170	15.75	0.08	5.4	13.4	460
M356622		3.30	13.40	0.17	0.7	0.142	3.21	25.0	16.8	0.73	416	13.00	0.57	5.0	2.5	580
M356623		3.24	17.65	0.18	0.7	0.103	3.35	28.8	24.6	0.54	567	11.05	0.21	5.2	3.5	660
M356624		6.87	17.45	0.20	0.5	0.644	2.48	17.1	25.0	0.35	238	4.91	0.05	3.1	2.3	490
M356625		0.53	0.35	0.12	<0.1	<0.005	0.03	0.6	1.1	12.45	210	0.15	0.01	0.3	2.3	180
M356626		5.67	18.80	0.21	0.6	0.367	3.64	25.1	12.2	0.48	319	3.58	0.05	3.2	3.1	590
M356627		3.93	18.25	0.19	0.6	0.128	2.98	24.1	33.3	0.68	453	4.77	0.05	3.3	3.2	620
M356628		4.06	17.95	0.18	0.6	0.161	3.37	17.7	34.8	0.72	604	7.81	0.06	2.8	3.6	660
M356629		5.28	18.00	0.20	0.5	0.221	3.01	31.6	32.7	0.99	788	3.98	0.05	3.6	2.6	580
M356630		5.06	16.55	0.18	0.7	0.194	3.44	24.1	16.5	0.74	371	8.89	0.06	2.4	2.8	580
M356631		4.97	15.95	0.19	0.7	0.160	3.45	25.4	15.7	0.78	458	11.65	0.07	2.6	2.7	580
M356632		5.31	17.60	0.18	0.7	0.775	3.25	33.5	12.0	0.76	846	30.1	0.03	3.4	2.3	530
M356633		4.85	19.00	0.19	0.7	0.222	3.49	28.5	8.9	0.61	482	5.61	0.04	3.3	2.3	610
M356634		3.23	18.70	0.20	0.7	0.132	3.02	30.6	27.1	0.77	444	4.32	0.05	5.0	2.2	580
M356635		3.74	18.50	0.21	0.7	0.089	3.34	25.1	9.8	0.91	1200	2.16	0.04	3.8	2.5	560
M356636		3.81	18.40	0.20	0.6	0.086	3.31	24.3	9.5	0.89	1140	2.41	0.04	3.7	2.5	570
M356637		3.04	17.45	0.20	0.6	0.053	3.20	28.0	14.8	0.72	2060	4.20	0.04	4.9	3.1	570
M356638		3.77	18.65	0.19	0.7	0.421	3.38	33.2	13.9	0.37	139	3.74	0.04	3.9	1.2	630
M356639		3.55	18.30	0.20	0.7	0.135	3.35	29.7	18.6	0.65	848	8.06	0.04	4.5	3.0	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219454

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356604		71.1	158.5	<0.002	0.39	11.95	10.1	3	9.1	128.0	0.40	0.24	13.6	0.172	2.36	2.7
M356605		45.7	156.5	0.006	0.20	147.5	9.1	3	8.9	67.1	0.29	0.21	12.4	0.138	2.39	2.6
M356606		29.6	186.0	<0.002	0.21	25.7	10.1	2	13.0	53.5	0.29	0.22	12.4	0.144	2.67	1.7
M356607		42.9	185.5	<0.002	0.44	43.2	10.1	3	8.0	71.5	0.31	0.20	14.8	0.149	2.75	1.9
M356608		62.0	160.0	<0.002	0.57	12.65	10.1	3	5.8	160.0	0.44	0.19	17.0	0.168	2.56	2.3
M356609		>10000	30.7	0.011	2.43	486	12.5	3	2.1	201	0.26	1.08	2.3	0.257	0.52	1.5
M356610		43.4	169.0	0.005	0.55	18.75	11.0	4	4.7	93.8	0.42	0.09	18.9	0.169	2.71	2.7
M356611		120.0	169.0	<0.002	0.68	55.5	12.4	4	10.3	71.4	0.49	0.11	22.9	0.167	2.78	2.7
M356612		40.4	139.0	0.005	1.00	14.90	11.7	3	4.1	251	0.57	0.06	17.6	0.205	2.07	5.2
M356613		40.7	148.5	0.003	1.69	5.12	10.6	3	7.5	188.5	0.51	0.15	16.5	0.170	1.99	10.5
M356614		92.4	151.5	0.003	2.28	4.58	10.3	4	7.2	172.5	0.43	0.12	14.8	0.159	2.31	4.2
M356615		2.2	1.9	<0.002	0.02	0.11	0.2	1	<0.2	43.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M356616		92.3	166.0	0.021	3.18	48.8	10.3	4	12.3	93.3	0.25	0.21	14.1	0.122	2.56	6.1
M356617		142.0	171.0	0.003	3.15	72.7	10.8	4	9.0	51.7	0.36	0.12	14.5	0.158	2.76	5.9
M356618		28.5	167.0	0.004	2.05	7.83	10.9	3	4.7	71.6	0.37	0.07	15.2	0.159	2.71	3.4
M356619		103.0	156.0	0.010	2.25	20.6	10.2	3	6.5	110.5	0.43	0.11	13.6	0.184	2.52	4.0
M356620		44.1	169.0	0.011	3.01	11.40	10.9	4	6.9	82.2	0.36	0.13	14.0	0.167	2.67	4.7
M356621		9840	135.5	<0.002	7.17	224	7.5	2	9.1	119.5	0.47	0.53	9.1	0.184	2.19	5.4
M356622		34.6	136.5	0.011	1.69	3.10	10.5	3	4.1	287	0.48	0.14	12.7	0.196	2.37	2.7
M356623		26.7	135.5	0.006	1.43	13.90	11.5	2	3.6	203	0.43	0.16	14.2	0.193	2.32	6.4
M356624		215	152.5	0.004	6.64	137.0	9.2	4	25.3	255	0.22	0.59	11.1	0.120	1.60	6.1
M356625		1.6	2.2	<0.002	<0.01	0.36	0.5	1	<0.2	42.3	<0.05	<0.05	<0.2	0.006	<0.02	0.5
M356626		170.5	174.5	0.004	4.69	53.5	10.9	3	10.7	58.5	0.26	0.32	12.6	0.144	2.86	7.8
M356627		34.0	132.5	0.006	2.49	28.9	11.4	3	4.5	100.0	0.27	0.20	12.6	0.151	2.26	3.9
M356628		49.0	142.5	0.006	2.63	42.5	11.4	3	6.5	83.6	0.22	0.20	12.6	0.138	2.34	8.4
M356629		38.5	128.0	0.004	2.53	129.5	11.6	4	6.5	78.9	0.28	0.16	12.8	0.164	2.00	4.5
M356630		62.5	152.0	0.008	4.07	19.35	10.4	4	7.5	84.7	0.21	0.26	12.8	0.134	2.42	7.3
M356631		52.3	153.5	0.014	3.76	17.15	10.3	4	6.6	94.1	0.23	0.25	12.0	0.135	2.40	8.1
M356632		689	174.0	0.018	4.98	56.3	10.2	2	12.2	83.8	0.31	0.11	14.2	0.144	3.43	4.8
M356633		322	172.0	0.010	4.38	29.7	11.1	2	11.8	33.9	0.30	0.11	15.2	0.160	3.27	3.4
M356634		38.8	143.0	0.006	2.21	12.05	11.7	3	5.3	99.6	0.44	0.09	14.2	0.187	2.45	4.1
M356635		59.1	166.5	0.003	3.20	23.9	11.3	3	4.6	55.9	0.32	0.17	13.7	0.156	2.99	3.5
M356636		57.0	165.0	0.003	3.32	24.4	11.1	3	4.5	54.5	0.31	0.18	13.2	0.156	2.92	3.4
M356637		21.8	150.5	0.004	1.71	46.0	11.3	2	2.5	65.0	0.39	<0.05	13.2	0.183	2.89	3.9
M356638		1725	168.0	0.005	1.27	42.4	11.3	2	9.6	117.0	0.36	0.16	17.6	0.165	3.27	5.9
M356639		81.9	164.5	0.006	2.06	21.6	11.7	2	4.4	74.1	0.37	0.13	15.5	0.167	2.90	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219454

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M356604		70	7.3	8.6	88	21.4			
M356605		66	7.3	8.2	77	17.2			
M356606		68	8.4	6.8	60	19.8			
M356607		68	5.6	7.8	60	21.8			
M356608		69	4.3	8.0	80	24.8			
M356609		85	0.6	15.7	5570	47.6	97	0.954	
M356610		70	4.3	10.2	88	22.6			
M356611		71	7.6	7.6	100	22.6			
M356612		73	3.0	19.7	258	24.6			
M356613		67	6.1	14.1	108	25.4			
M356614		66	5.8	13.6	155	21.8			
M356615		2	0.1	0.9	15	<0.5			
M356616		63	5.8	13.7	223	18.5			
M356617		66	8.1	14.3	286	18.8			
M356618		69	5.3	13.3	127	21.1			
M356619		67	7.0	13.6	337	19.4			
M356620		67	8.5	13.9	199	20.7			
M356621		53	4.1	10.0	>10000	32.4	115		1.510
M356622		71	5.7	12.9	119	20.3			
M356623		68	4.5	16.2	277	21.2			
M356624		54	10.9	8.6	156	17.3			
M356625		4	<0.1	0.9	15	<0.5			
M356626		61	8.1	13.0	259	17.5			
M356627		64	3.2	14.0	168	18.3			
M356628		57	4.8	14.2	273	17.8			
M356629		63	6.5	13.4	212	15.7			
M356630		78	6.4	10.0	149	21.7			
M356631		75	5.6	10.4	164	21.6			
M356632		56	7.0	10.7	1120	18.9			
M356633		65	7.2	13.0	248	19.3			
M356634		64	4.1	13.8	112	20.9			
M356635		62	3.5	13.8	142	18.8			
M356636		63	3.5	13.6	145	18.2			
M356637		62	2.9	18.4	1940	18.7			
M356638		63	5.9	7.5	423	19.7			
M356639		66	4.1	15.8	630	21.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219454

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219455

Project: Klaza-132

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

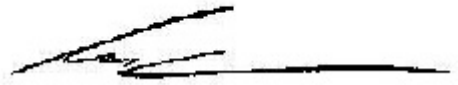
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219455

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356640		4.10	0.170	1.45	8.01	128.0	610	1.91	1.25	0.82	5.63	44.6	12.1	9	16.90	1320
M356641		2.39	2.38	2.49	7.17	89.3	540	1.48	2.96	0.59	2.45	55.8	12.7	7	10.80	802
M356642		3.45	0.093	0.56	7.28	49.0	510	1.34	1.20	1.83	0.74	43.5	6.6	7	16.50	291
M356643		6.30	0.153	0.74	7.01	33.8	1640	1.42	1.07	1.64	1.56	35.7	11.1	7	10.45	669
M356644		3.36	0.053	0.44	7.30	9.6	1770	1.57	1.46	1.96	0.86	40.7	6.4	7	12.55	367
M356645		0.26	2.25	25.7	5.81	3180	1410	1.36	20.3	2.15	78.1	42.9	10.9	17	14.50	435
M356646		3.18	0.143	0.80	7.72	16.6	500	1.44	1.47	1.90	1.51	57.9	25.5	8	10.10	852
M356647		4.82	0.145	0.70	7.53	26.1	1560	1.40	1.12	2.37	0.78	49.1	11.3	8	15.25	514
M356648		2.70	0.693	1.68	7.39	43.2	680	1.32	1.79	1.26	7.15	49.5	14.0	11	10.85	1040
M356649		3.19	<0.005	0.01	0.08	<5	20	0.05	0.02	20.2	0.07	1.02	1.3	<1	0.28	3.1
M356650		3.55	0.197	1.22	7.62	21.3	630	1.59	1.04	1.82	1.02	50.3	15.9	8	11.00	1055
M356651		6.89	0.128	0.50	7.83	15.5	1530	1.63	1.05	1.71	1.52	58.6	12.2	10	11.10	577
M356652		8.46	0.124	0.56	7.84	21.6	2490	1.54	0.55	2.04	0.73	49.3	10.1	10	13.65	567
M356653		8.41	0.164	0.92	7.21	87.8	2860	1.54	0.69	2.45	1.41	49.1	8.8	8	17.90	771
M356654		<0.02	0.127	0.90	7.14	83.8	2730	1.50	0.67	2.33	1.60	48.2	9.4	8	16.20	740
M356655		7.39	0.099	0.44	6.98	27.8	2560	1.44	0.66	2.11	0.84	45.3	8.2	7	12.60	480
M356656		2.06	0.112	0.68	8.64	34.0	1220	1.57	0.66	0.85	4.27	53.3	17.5	8	12.65	999
M356657		3.05	0.095	0.73	8.42	42.2	1350	1.53	0.79	1.31	3.66	51.8	16.3	8	14.55	717
M356658		2.80	0.131	0.79	7.71	32.2	940	1.55	0.59	2.22	1.28	48.3	12.0	8	14.85	640
M356659		7.10	0.078	0.87	7.93	45.9	1290	1.51	0.65	2.46	2.74	43.9	9.6	8	16.50	569
M356660		5.79	0.104	0.90	7.93	50.8	1190	1.54	0.62	2.61	1.06	46.8	10.4	8	16.10	719
M356661		0.26	0.304	>100	5.74	251	650	0.66	5.08	1.48	25.3	19.30	12.9	65	0.94	6380
M356662		3.20	0.108	0.87	7.83	126.5	720	1.71	1.00	2.35	1.61	47.9	11.9	8	14.30	838
M356663		2.24	0.049	0.56	8.12	68.7	580	2.04	0.96	2.19	3.26	52.9	10.1	12	15.35	602
M356664		4.75	0.096	2.41	7.70	267	710	1.59	2.28	1.67	3.07	53.7	8.5	7	13.75	1020
M356665		3.76	0.107	1.28	8.24	186.0	660	1.98	2.22	1.09	8.59	53.5	15.2	8	17.10	1375
M356666		3.52	0.114	2.58	7.77	344	760	3.28	2.56	0.95	9.64	43.7	18.4	35	16.95	2540
M356667		2.95	0.181	9.28	7.55	313	790	3.39	6.98	0.17	1.30	41.3	11.9	28	17.05	2070
M356668		1.99	<0.005	0.03	0.22	<5	50	0.07	0.06	20.9	0.08	1.23	2.0	2	0.37	8.5
M356669		4.64	0.158	4.85	7.57	169.0	500	2.12	10.55	0.08	0.94	39.9	7.1	14	18.25	716
M356670		2.19	0.554	4.74	7.26	245	1040	1.89	5.62	0.08	1.57	27.2	8.2	15	6.81	1155
M356671		7.34	0.426	2.68	7.64	95.3	1160	1.56	7.15	1.25	3.61	34.9	10.7	34	9.68	1600
M356672		5.84	0.118	3.40	7.47	207	690	1.28	2.05	1.50	6.45	44.6	12.4	16	10.15	905
M356673		2.96	0.093	2.55	7.36	173.5	690	1.41	1.90	1.28	5.80	44.9	13.3	21	10.15	764
M356674		2.71	0.054	1.13	7.73	164.5	830	1.33	1.20	1.83	2.00	48.7	10.2	8	11.85	504
M356675		5.42	0.040	0.77	7.61	64.6	1360	1.40	0.96	1.53	2.17	50.1	7.5	8	14.20	347

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219455

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356640		3.59	16.50	0.11	0.5	1.160	3.58	24.5	10.8	0.58	373	7.47	0.05	3.5	4.8	620
M356641		5.34	24.2	0.16	0.5	0.224	3.44	30.0	11.2	0.57	465	3.67	0.06	3.1	2.9	430
M356642		2.84	15.00	0.12	0.5	0.060	2.97	22.5	15.6	0.81	314	4.32	0.04	4.4	2.3	520
M356643		2.99	15.65	0.11	0.6	0.062	2.79	18.2	18.6	0.66	253	5.88	1.03	4.4	2.7	540
M356644		3.30	15.55	0.14	0.7	0.036	2.50	20.9	22.5	0.75	229	1.65	1.64	6.4	2.5	570
M356645		6.57	14.10	0.14	0.8	1.405	2.53	23.2	25.9	0.90	1900	12.55	0.04	6.0	15.7	420
M356646		4.62	18.55	0.15	0.8	0.067	2.47	30.6	15.3	0.91	326	4.23	1.89	5.3	5.2	1040
M356647		3.36	17.10	0.15	0.9	0.052	3.01	26.7	17.0	0.77	328	3.28	0.69	5.7	3.0	590
M356648		4.56	16.50	0.17	0.7	0.124	3.67	27.8	14.2	0.71	463	5.81	0.08	2.9	3.9	590
M356649		0.48	0.35	0.14	<0.1	<0.005	0.04	0.5	0.9	12.20	197	0.45	0.01	0.4	2.9	160
M356650		3.27	17.35	0.18	0.8	0.110	3.35	26.3	20.0	0.70	258	3.58	0.67	4.1	3.4	600
M356651		3.16	18.70	0.16	0.8	0.060	3.05	32.0	17.6	0.80	275	7.32	1.73	6.1	3.3	630
M356652		2.65	18.15	0.17	0.8	0.044	3.18	26.0	21.0	0.71	250	8.52	1.63	6.0	3.0	600
M356653		2.63	17.10	0.16	0.7	0.070	3.01	25.9	25.8	0.90	328	18.30	0.54	5.1	2.9	570
M356654		2.60	17.45	0.20	0.7	0.067	3.01	25.2	28.4	0.86	353	19.30	0.48	4.8	2.6	550
M356655		2.61	17.70	0.20	0.7	0.040	2.84	23.3	22.3	0.79	206	10.40	1.24	6.0	2.3	570
M356656		3.11	20.1	0.16	0.8	0.050	2.99	28.0	26.8	0.67	383	3.96	0.09	6.0	4.5	670
M356657		3.05	19.40	0.17	0.8	0.052	3.17	27.4	25.8	0.58	358	8.89	0.09	6.0	3.9	690
M356658		3.17	18.10	0.18	0.7	0.035	3.05	25.5	19.1	0.82	266	14.00	1.17	5.8	3.4	640
M356659		3.35	18.30	0.18	0.7	0.056	3.12	24.0	20.9	0.85	468	29.6	1.26	5.8	3.0	620
M356660		2.95	18.50	0.19	0.7	0.035	3.23	24.6	17.9	0.93	293	16.25	1.15	6.2	3.3	650
M356661		6.08	13.55	0.21	1.6	0.466	1.20	9.2	12.3	1.13	1780	21.7	1.68	3.3	29.3	470
M356662		3.22	18.45	0.15	0.8	0.035	3.33	25.2	17.2	0.94	448	28.6	0.07	4.8	3.7	650
M356663		3.58	18.75	0.20	1.8	0.039	3.62	28.6	21.0	0.90	483	61.0	0.06	8.1	5.8	830
M356664		3.81	18.05	0.18	0.7	0.092	3.56	30.8	11.6	0.96	536	60.0	0.05	3.3	5.2	570
M356665		4.46	19.60	0.20	0.8	0.063	3.35	29.9	18.0	0.64	878	61.6	0.04	4.3	8.4	670
M356666		5.80	18.50	0.23	1.7	0.165	3.40	23.7	17.2	0.66	774	48.4	0.06	3.8	15.4	1040
M356667		6.95	18.30	0.21	1.4	0.411	3.46	22.1	12.7	0.44	101	7.76	0.05	3.0	8.2	890
M356668		0.52	0.65	0.12	<0.1	0.005	0.11	0.6	1.6	12.50	216	0.45	0.01	0.3	4.1	200
M356669		5.13	19.60	0.20	1.4	0.271	3.73	21.5	8.9	0.46	63	5.48	0.07	3.6	4.1	460
M356670		6.58	18.50	0.19	1.3	0.344	3.59	13.4	10.2	0.43	50	5.13	0.08	3.2	4.8	490
M356671		5.41	18.30	0.17	1.5	0.191	3.71	17.0	9.7	0.95	535	5.93	0.06	3.3	7.5	850
M356672		5.11	16.20	0.18	0.9	0.198	3.59	23.6	9.4	0.89	897	5.71	0.06	2.7	4.8	680
M356673		5.29	16.10	0.19	1.0	0.182	3.62	23.6	9.4	0.79	915	5.15	0.05	2.8	7.3	700
M356674		3.42	17.65	0.18	0.6	0.078	3.66	26.8	8.7	1.02	448	6.46	0.05	3.3	3.8	620
M356675		3.32	16.60	0.20	0.7	0.059	3.40	26.8	13.2	0.81	432	4.25	0.05	3.5	4.9	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219455

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356640		57.6	181.5	0.005	2.04	13.25	10.6	4	7.2	47.6	0.34	0.05	13.5	0.151	2.83	5.3
M356641		51.3	229	0.002	4.63	18.20	10.8	4	30.4	48.9	0.27	0.35	11.6	0.121	2.33	3.1
M356642		21.9	128.5	0.005	1.66	8.76	9.3	2	4.1	57.4	0.40	0.17	12.7	0.161	2.41	3.2
M356643		19.5	107.0	0.008	1.66	7.06	8.7	2	4.9	236	0.41	0.07	10.8	0.160	1.83	2.9
M356644		19.8	96.9	0.003	1.48	1.30	10.4	4	4.5	294	0.57	0.14	11.7	0.209	1.50	2.8
M356645		2810	155.0	<0.002	4.62	87.2	8.2	2	7.6	90.0	0.49	0.45	9.9	0.173	2.35	4.8
M356646		23.0	119.0	0.005	2.50	1.40	12.3	2	4.2	300	0.45	0.18	12.5	0.193	1.64	3.8
M356647		20.5	131.5	0.004	1.45	11.20	12.4	2	3.3	245	0.48	0.14	12.3	0.208	1.96	4.2
M356648		98.5	169.5	0.006	3.29	12.55	12.0	3	8.0	54.9	0.25	0.22	12.2	0.149	2.23	3.7
M356649		1.4	2.2	<0.002	<0.01	0.06	0.5	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356650		20.4	150.5	0.004	1.90	3.46	12.8	3	5.3	199.0	0.35	0.11	11.9	0.174	1.93	4.1
M356651		21.8	129.5	0.010	1.46	2.88	13.6	2	4.0	283	0.47	0.13	13.1	0.220	1.74	4.3
M356652		18.2	120.5	0.010	1.16	3.15	12.8	2	2.9	349	0.48	0.06	12.9	0.215	1.73	3.8
M356653		21.2	138.0	0.017	1.03	57.8	11.9	3	2.9	252	0.41	0.11	11.8	0.201	2.04	3.5
M356654		24.8	130.0	0.018	1.02	53.9	11.7	3	2.9	230	0.40	0.08	11.9	0.192	2.08	3.4
M356655		19.5	113.0	0.009	1.10	6.96	11.6	3	3.1	283	0.49	0.09	10.9	0.208	1.70	3.5
M356656		22.8	129.5	0.005	1.27	7.74	13.9	2	5.4	66.9	0.50	0.06	15.3	0.230	1.97	3.3
M356657		39.7	139.5	0.013	1.42	15.80	14.8	2	5.2	70.8	0.50	0.09	14.1	0.232	2.10	2.8
M356658		28.2	116.5	0.019	1.31	9.03	13.1	2	2.4	377	0.45	0.06	11.0	0.232	1.83	3.3
M356659		99.3	131.0	0.038	1.31	4.45	13.0	2	3.3	291	0.46	0.08	11.2	0.228	2.16	3.5
M356660		27.1	121.0	0.013	1.44	5.44	13.7	2	4.6	291	0.46	0.09	11.3	0.233	2.12	3.7
M356661		>10000	29.4	0.010	2.45	457	13.6	2	2.1	203	0.20	1.14	2.0	0.257	0.51	1.4
M356662		26.2	141.5	0.024	1.88	10.65	12.6	2	5.3	110.5	0.41	0.18	12.4	0.190	2.57	5.0
M356663		30.8	150.0	0.062	1.68	8.73	9.5	2	3.9	64.9	0.63	0.11	12.0	0.234	2.52	6.2
M356664		63.7	178.0	0.042	2.85	67.2	12.8	3	6.4	43.5	0.29	0.30	13.6	0.149	2.83	3.7
M356665		42.3	155.0	0.023	2.60	28.6	14.0	3	4.4	35.9	0.40	0.41	15.4	0.181	2.62	7.5
M356666		140.0	159.0	0.026	3.54	127.5	15.3	3	7.7	58.5	0.31	0.27	11.2	0.192	2.62	28.1
M356667		179.5	177.0	0.005	2.95	98.4	12.6	3	9.8	71.9	0.24	0.27	10.9	0.145	2.57	32.2
M356668		2.0	3.9	<0.002	0.01	0.37	0.6	1	<0.2	42.5	<0.05	<0.05	<0.2	0.011	0.03	0.6
M356669		133.5	196.0	0.003	3.34	53.1	8.5	3	11.3	76.6	0.28	0.58	8.9	0.126	2.49	9.0
M356670		145.0	175.0	<0.002	5.25	172.0	8.4	3	11.3	61.4	0.25	0.43	7.4	0.117	1.98	13.8
M356671		52.8	206	0.002	5.00	12.35	11.8	3	7.9	51.2	0.26	0.24	9.0	0.157	2.90	4.5
M356672		212	189.5	0.006	4.59	50.3	13.2	4	7.1	34.4	0.22	0.14	11.2	0.146	2.96	3.8
M356673		212	186.0	0.004	4.94	31.7	13.1	4	7.4	32.4	0.21	0.15	10.5	0.146	2.89	3.0
M356674		39.4	171.0	0.007	2.78	13.35	13.1	3	6.4	38.4	0.26	0.16	12.6	0.154	2.95	2.5
M356675		90.6	153.0	0.007	2.75	9.61	13.0	4	4.6	70.3	0.28	0.07	12.4	0.165	2.74	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219455

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356640		62	5.0	12.7	288	17.2	1	
M356641		59	11.1	11.1	123	19.4	2	
M356642		58	3.8	10.6	78	17.8	1	
M356643		56	2.9	10.9	91	18.0	1	
M356644		65	2.2	11.7	84	20.7	<1	
M356645		54	5.0	9.7	5300	25.1	25	
M356646		75	1.2	16.2	142	22.0	<1	
M356647		68	1.5	13.4	87	21.9	<1	
M356648		71	5.0	13.2	383	17.7	1	
M356649		3	<0.1	0.8	14	<0.5	<1	
M356650		73	3.5	13.3	92	20.9	1	
M356651		72	1.9	14.3	119	21.5	1	
M356652		72	2.3	13.0	81	21.4	<1	
M356653		67	3.0	13.2	83	19.8	<1	
M356654		65	3.0	12.6	91	19.7	1	
M356655		66	2.7	12.5	61	21.4	1	
M356656		78	3.2	16.3	214	20.3	1	
M356657		83	3.7	15.9	146	19.5	1	
M356658		79	2.8	14.2	96	19.3	<1	
M356659		74	3.9	14.0	233	19.0	1	
M356660		77	3.6	12.8	94	20.8	1	
M356661		87	0.4	14.8	5370	51.0	106	1.025
M356662		71	4.3	13.9	128	23.3	1	
M356663		65	4.1	14.5	189	60.1	<1	
M356664		65	6.4	13.6	159	18.5	2	
M356665		75	6.0	22.0	487	22.2	1	
M356666		93	10.8	25.7	577	57.2	2	
M356667		76	8.4	17.0	556	50.4	10	
M356668		5	<0.1	1.0	15	0.7	<1	
M356669		56	10.0	8.1	203	46.9	5	
M356670		58	10.4	9.1	294	43.2	4	
M356671		80	7.1	12.2	210	48.0	2	
M356672		75	10.0	12.1	524	25.6	4	
M356673		77	8.9	12.0	487	30.6	3	
M356674		71	7.5	12.2	139	16.0	1	
M356675		68	4.5	12.8	200	18.2	<1	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-OCT-2012
Account: ROCKHA

Project: Klaza-132

CERTIFICATE OF ANALYSIS WH12219455

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219505

Project: Klaza-133

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

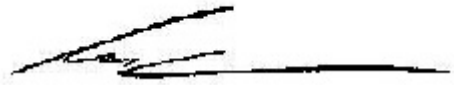
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219505

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356174		7.01	0.009	0.63	6.67	36.4	1920	1.38	0.37	2.28	3.45	41.5	7.2	12	14.90	7.7
M356175		8.46	0.017	0.73	7.24	107.5	1990	1.52	0.47	2.17	1.75	51.5	8.1	10	10.85	6.3
M356176		6.30	0.005	1.09	6.93	10.2	2360	1.43	0.12	2.85	2.91	45.7	5.8	10	9.73	5.3
M356177		7.10	<0.005	0.20	6.87	8.0	1990	1.45	0.11	2.28	1.16	46.1	5.4	10	9.21	5.5
M356178		7.29	<0.005	0.23	7.30	5.4	2070	1.48	0.10	2.23	0.53	47.7	6.2	9	10.30	8.3
M356179		0.23	4.38	>100	5.43	7330	350	0.99	58.9	1.87	221	31.3	9.0	16	11.80	1250
M356180		6.86	<0.005	0.25	7.26	8.0	2010	1.60	0.15	2.34	1.53	47.9	5.9	9	10.05	7.8
M356181		5.76	<0.005	0.18	7.35	7.5	1960	1.81	0.15	2.14	0.31	51.3	5.7	9	10.25	5.3
M356182		7.08	0.009	2.67	7.40	14.9	2120	1.66	0.62	1.84	16.00	55.1	9.5	7	10.70	13.2
M356183		2.89	<0.005	0.02	0.08	<5	30	<0.05	0.03	20.2	0.09	1.36	1.1	<1	0.45	2.9
M356184		4.32	0.031	0.59	7.09	11.5	1960	1.38	3.88	2.22	0.12	46.3	24.5	10	8.56	3.3
M356185		3.06	0.013	0.38	7.21	12.5	2030	1.55	1.61	1.99	0.83	53.6	15.1	8	13.00	2.5
M356186		5.27	<0.005	0.18	7.13	11.1	1830	1.60	0.22	2.00	0.24	44.6	5.9	7	18.05	11.4
M356187		0.22	2.25	24.0	5.85	3160	1430	1.13	18.95	2.05	74.5	43.0	10.2	18	14.90	425
M356188		9.72	<0.005	0.18	6.97	14.7	1970	1.30	0.18	1.98	0.27	40.1	5.8	7	16.35	5.6
M356189		7.35	0.020	1.88	6.67	33.3	1730	1.53	0.70	2.23	3.52	43.8	10.0	7	16.60	6.6
M356190		5.13	0.047	1.87	6.91	21.9	1830	1.54	0.27	2.02	5.16	40.8	6.2	9	22.1	12.5
M356191		2.92	0.823	88.4	3.89	1005	200	0.92	9.03	3.36	209	25.9	5.1	5	11.10	536
M356192		2.37	0.123	7.64	6.66	157.5	630	1.35	3.50	2.48	6.55	47.8	21.5	7	13.90	176.0
M356193		2.44	<0.005	0.16	0.16	<5	50	0.07	0.03	20.3	0.33	3.06	1.3	<1	0.56	2.6
M356194		7.48	<0.005	0.18	7.04	11.3	2110	1.41	0.19	2.26	0.21	44.7	4.4	9	15.30	4.0
M356195		8.07	0.009	0.41	7.09	16.4	2250	1.33	0.20	2.35	0.50	48.7	6.6	10	11.55	5.8
M356196		<0.02	0.005	0.40	7.22	12.7	2300	1.39	0.18	2.45	0.48	49.1	6.0	9	11.50	5.4
M356197		7.77	0.084	0.62	7.15	17.5	2190	1.43	0.17	2.21	5.98	50.1	6.4	8	9.95	9.6
M356198		8.11	0.006	0.47	7.45	14.1	2210	1.43	0.19	2.41	0.64	46.4	6.7	9	9.49	6.7
M356199		6.23	0.010	0.76	7.15	15.8	2120	1.47	0.17	2.31	1.77	45.3	6.5	13	8.30	6.6
M356200		2.27	0.066	11.00	6.41	66.7	1860	1.44	0.67	2.44	60.2	46.3	24.2	8	11.15	75.0
M356201		5.23	<0.005	0.14	7.56	5.0	2280	1.52	0.12	2.24	0.25	49.9	6.2	11	9.67	5.4
M356202		2.56	<0.005	0.14	7.59	5.8	2250	1.45	0.11	2.31	0.19	49.8	6.3	10	9.83	5.4
M356203		6.51	0.016	1.30	6.62	18.9	1870	1.38	0.16	2.46	13.40	45.3	5.3	8	13.05	10.9
M356204		7.49	<0.005	0.10	7.15	4.5	2070	1.39	0.12	2.21	0.11	38.5	5.8	10	11.80	5.5
M356205		6.08	0.021	0.95	6.84	34.4	1740	1.55	0.12	2.43	12.25	38.0	5.6	8	20.4	9.6
M356206		6.50	0.005	0.34	7.15	12.2	2020	1.50	0.40	2.43	0.24	46.4	9.4	8	14.60	8.2
M356207		3.72	0.010	0.75	6.42	40.7	2660	1.32	0.38	2.43	3.74	38.9	9.9	8	13.20	7.6
M356208		3.73	<0.005	0.38	6.70	9.0	2130	1.47	0.24	2.34	2.17	38.5	6.2	8	11.20	6.0
M356209		2.85	1.030	28.3	5.31	2840	1060	1.29	2.35	1.28	188.0	34.9	6.1	7	11.35	270

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356174		2.66	16.20	0.17	1.4	0.070	2.90	20.1	43.7	0.56	760	2.85	1.24	7.9	2.6	480
M356175		3.02	16.55	0.17	1.4	0.068	2.93	25.7	32.8	0.72	916	2.22	1.61	8.6	2.8	550
M356176		2.52	15.85	0.19	1.4	0.035	2.78	22.2	13.6	0.63	752	2.79	1.73	8.2	2.7	490
M356177		2.52	15.35	0.16	1.4	0.031	2.77	22.3	12.2	0.64	627	1.40	2.06	8.1	2.4	490
M356178		2.63	16.15	0.18	1.6	0.026	2.63	23.5	15.5	0.73	593	1.33	2.22	8.5	2.6	520
M356179		8.07	13.15	0.14	1.0	4.53	2.20	16.0	27.0	0.61	3050	15.50	0.08	5.6	14.9	450
M356180		2.58	16.10	0.16	1.7	0.030	2.76	23.6	16.8	0.68	561	1.23	2.22	8.8	2.8	500
M356181		2.41	16.55	0.18	1.9	0.030	2.76	25.4	14.4	0.63	516	1.27	2.30	9.6	2.4	490
M356182		2.75	16.25	0.18	1.9	0.074	2.95	28.7	52.1	0.61	783	1.61	1.37	9.5	2.7	480
M356183		0.48	0.39	0.08	<0.1	<0.005	0.04	0.6	1.1	12.20	205	0.12	0.01	0.3	1.8	180
M356184		3.36	15.90	0.08	1.6	0.054	3.01	23.9	9.6	0.73	692	2.13	1.67	8.8	2.3	490
M356185		2.96	16.30	0.13	1.9	0.064	3.00	26.9	35.3	0.59	622	1.54	1.73	10.0	2.3	530
M356186		2.37	16.50	0.15	1.8	0.033	2.88	21.3	64.8	0.54	475	1.58	1.44	9.8	2.3	480
M356187		6.46	14.10	0.13	0.9	1.670	2.49	23.2	20.4	0.86	1800	13.50	0.04	5.9	16.2	420
M356188		2.55	16.50	0.15	1.6	0.039	2.94	19.0	59.8	0.53	595	1.11	1.23	9.1	2.4	510
M356189		2.72	15.60	0.14	1.4	0.035	3.00	21.1	42.2	0.68	861	1.17	0.83	8.5	2.4	480
M356190		2.69	16.35	0.15	1.6	0.035	3.05	19.2	41.4	0.53	792	2.00	1.10	8.8	2.4	500
M356191		4.35	9.16	0.09	0.6	0.677	1.68	12.5	26.6	1.07	3150	7.59	0.02	4.2	2.2	250
M356192		4.29	14.55	0.12	1.1	0.189	3.12	25.7	15.0	0.81	2540	2.58	0.03	7.1	3.9	470
M356193		0.50	0.55	0.08	<0.1	<0.005	0.07	1.4	2.2	12.25	223	0.61	0.01	0.7	2.2	190
M356194		2.75	16.55	0.09	1.2	0.052	2.95	21.3	82.1	0.66	666	2.06	1.16	8.2	2.2	570
M356195		2.83	16.35	0.14	1.2	0.038	2.76	23.2	8.6	0.71	653	2.84	2.06	8.2	2.5	560
M356196		2.79	16.30	0.17	1.3	0.035	2.83	23.5	9.3	0.72	663	3.45	2.08	8.1	2.5	550
M356197		2.96	16.35	0.15	1.2	0.045	2.80	24.0	11.5	0.72	899	3.61	1.92	8.1	2.7	540
M356198		2.94	16.70	0.16	1.2	0.037	2.71	22.4	11.9	0.76	734	4.00	2.06	8.3	2.8	560
M356199		2.92	16.45	0.16	1.2	0.040	2.65	21.9	10.0	0.74	688	3.87	2.01	8.0	2.7	560
M356200		3.57	15.35	0.13	1.1	0.100	2.73	22.2	20.3	0.58	1560	1.75	0.50	7.1	3.4	510
M356201		2.87	16.80	0.17	1.4	0.038	2.68	24.4	10.8	0.80	584	0.90	2.28	8.2	2.8	550
M356202		3.01	17.05	0.18	1.3	0.037	2.72	24.2	11.1	0.85	677	1.17	2.28	8.4	2.8	590
M356203		3.14	16.20	0.16	1.3	0.100	2.94	21.2	22.9	0.69	1380	0.97	1.11	8.1	2.7	570
M356204		2.56	15.55	0.14	1.4	0.031	2.70	18.7	13.1	0.65	518	1.82	2.08	7.8	3.6	510
M356205		2.54	15.95	0.16	1.4	0.038	2.92	17.8	30.3	0.71	789	1.76	1.28	8.3	2.6	500
M356206		2.61	16.85	0.17	1.6	0.037	2.78	22.2	17.1	0.65	587	1.22	1.95	8.5	2.5	510
M356207		2.08	14.15	0.10	1.5	0.034	2.99	17.7	30.3	0.52	705	2.16	0.50	6.8	2.7	510
M356208		2.53	14.80	0.10	1.7	0.048	3.03	18.5	18.6	0.61	678	1.47	1.55	7.7	2.3	500
M356209		5.13	12.85	0.10	1.1	3.26	2.44	18.3	51.9	0.54	2340	3.62	0.04	5.6	2.2	380

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356174		123.0	122.5	<0.002	0.22	5.42	10.2	2	1.6	237	0.73	0.09	13.1	0.218	1.59	4.1
M356175		139.0	124.0	<0.002	0.25	4.71	11.0	2	1.7	275	0.78	0.06	16.4	0.230	1.50	4.8
M356176		165.5	114.5	<0.002	0.08	5.25	10.1	2	1.4	285	0.73	<0.05	14.8	0.215	1.33	5.0
M356177		45.8	106.0	<0.002	0.04	2.70	9.9	2	1.3	315	0.76	<0.05	15.5	0.211	1.14	5.0
M356178		62.2	105.0	<0.002	0.03	2.04	10.6	2	1.4	350	0.78	<0.05	15.3	0.227	1.07	5.3
M356179		9630	131.5	<0.002	6.87	215	7.9	3	8.3	116.0	0.44	0.40	8.3	0.176	2.10	5.3
M356180		39.6	111.0	<0.002	0.05	1.87	10.4	2	1.4	331	0.87	<0.05	16.8	0.223	1.06	6.7
M356181		32.7	123.0	<0.002	0.04	1.93	10.4	2	1.4	323	1.06	<0.05	17.3	0.211	1.08	7.9
M356182		461	135.0	<0.002	0.36	9.56	10.6	2	1.6	234	1.05	0.18	18.3	0.213	1.44	9.3
M356183		2.3	3.2	<0.002	<0.01	<0.05	0.3	1	<0.2	51.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M356184		17.3	128.5	<0.002	1.40	2.04	10.0	2	1.8	252	0.96	1.55	15.7	0.217	1.46	7.0
M356185		26.4	125.5	<0.002	0.72	2.46	10.4	2	1.8	239	1.19	0.57	15.5	0.215	1.36	7.6
M356186		30.2	126.5	<0.002	0.13	6.38	9.9	2	1.5	262	1.13	0.05	16.1	0.214	1.22	6.4
M356187		2770	157.5	<0.002	4.56	85.7	8.7	2	7.7	89.2	0.46	0.39	10.7	0.170	2.28	5.2
M356188		26.0	121.0	<0.002	0.08	6.86	10.0	1	1.5	236	0.91	<0.05	14.2	0.219	1.38	5.4
M356189		207	120.5	<0.002	0.41	6.06	9.8	1	1.7	164.0	0.81	0.26	14.3	0.211	1.78	5.9
M356190		475	131.5	<0.002	0.19	7.63	10.2	2	1.7	201	0.86	0.09	15.3	0.218	1.94	5.7
M356191		>10000	104.5	0.002	3.53	221	6.0	3	2.1	70.5	0.36	0.12	7.1	0.119	1.80	10.2
M356192		533	182.5	<0.002	2.65	65.2	10.6	2	1.8	49.6	0.63	0.55	13.1	0.207	2.92	6.7
M356193		31.4	3.4	<0.002	0.01	0.44	0.4	2	<0.2	51.5	<0.05	<0.05	0.3	0.005	0.02	0.7
M356194		24.8	123.0	<0.002	0.11	7.71	10.9	1	1.8	227	0.69	<0.05	11.7	0.237	1.59	3.5
M356195		98.8	114.0	<0.002	0.11	3.61	10.5	1	1.6	311	0.70	<0.05	12.5	0.232	1.32	4.1
M356196		91.7	115.0	<0.002	0.09	3.49	10.7	2	1.6	314	0.69	<0.05	13.2	0.233	1.32	4.2
M356197		120.5	119.5	<0.002	0.17	4.12	11.1	2	1.7	299	0.68	<0.05	13.5	0.227	1.42	4.5
M356198		117.5	116.5	<0.002	0.09	3.72	11.9	2	1.8	334	0.71	<0.05	13.4	0.240	1.30	4.5
M356199		212	105.0	<0.002	0.07	3.35	11.5	2	1.6	337	0.66	<0.05	12.8	0.237	1.22	3.7
M356200		2280	117.5	<0.002	0.74	14.45	10.6	2	2.1	105.5	0.56	0.16	12.4	0.222	2.07	4.0
M356201		24.0	113.0	<0.002	0.01	1.97	12.0	2	1.5	365	0.68	<0.05	14.1	0.237	1.19	4.5
M356202		23.4	113.5	<0.002	0.02	2.69	12.8	2	1.6	356	0.70	<0.05	13.7	0.248	1.23	4.4
M356203		99.6	127.5	<0.002	0.27	6.44	11.4	2	1.8	188.5	0.67	<0.05	11.8	0.241	2.05	4.2
M356204		19.5	110.5	<0.002	0.02	2.04	10.1	2	1.3	329	0.71	<0.05	13.6	0.220	1.13	4.7
M356205		191.0	118.5	<0.002	0.17	7.01	10.1	2	1.5	228	0.77	<0.05	13.9	0.217	1.72	4.8
M356206		36.1	115.0	<0.002	0.21	2.81	10.9	2	1.5	309	0.75	0.14	16.9	0.224	1.35	5.6
M356207		238	120.0	0.002	0.36	34.1	8.4	1	1.0	171.0	0.68	0.14	14.9	0.201	1.94	23.6
M356208		29.7	122.0	<0.002	0.13	6.66	8.6	1	1.4	264	0.74	<0.05	16.6	0.219	1.74	8.3
M356209		6790	146.0	0.002	4.36	57.5	7.8	1	3.6	56.5	0.46	0.08	12.1	0.163	2.38	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M356174		58	1.5	13.7	281	39.3			
M356175		64	1.4	15.6	181	42.0			
M356176		57	1.4	16.0	256	43.3			
M356177		56	1.4	15.2	114	44.7			
M356178		61	1.5	16.3	69	49.6			
M356179		51	4.4	9.4	>10000	32.0	120		1.615
M356180		59	2.3	17.0	152	49.7			
M356181		55	1.7	18.1	50	55.2			
M356182		56	2.7	17.0	1250	52.9			
M356183		3	0.1	0.9	17	<0.5			
M356184		60	1.3	13.6	43	45.6			
M356185		58	1.8	15.5	90	51.2			
M356186		57	1.7	16.6	45	50.0			
M356187		53	5.0	10.0	5140	27.1			
M356188		59	2.0	14.4	53	47.9			
M356189		55	2.4	13.3	312	44.9			
M356190		58	1.9	13.6	415	47.6			
M356191		38	2.5	9.1	>10000	19.9		2.13	1.600
M356192		58	2.7	11.7	617	30.3			
M356193		3	0.2	1.1	37	0.6			
M356194		65	2.3	14.4	53	34.3			
M356195		64	1.9	15.5	72	35.0			
M356196		64	1.9	15.5	71	36.3			
M356197		63	1.7	15.7	430	36.0			
M356198		66	1.9	17.3	83	36.3			
M356199		67	1.5	15.9	151	35.5			
M356200		63	3.0	11.7	3520	32.1			
M356201		66	0.9	17.2	46	39.8			
M356202		70	1.1	17.8	48	37.6			
M356203		72	2.0	14.5	898	39.3			
M356204		60	0.8	15.0	37	40.5			
M356205		58	2.2	14.3	819	43.8			
M356206		61	1.3	14.9	48	49.6			
M356207		56	4.4	9.5	279	37.0			
M356208		58	1.5	12.3	189	42.8			
M356209		47	4.3	8.8	>10000	26.8			1.640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219505

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219506

Project: Klaza-133

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

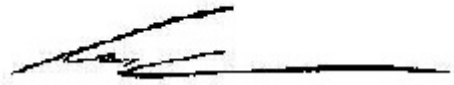
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219506

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356210		5.27	0.005	0.35	7.22	9.2	2100	1.48	0.22	2.47	1.42	49.4	6.6	9	11.35	8.5
M356211		6.03	<0.005	0.11	7.07	5.3	1980	1.57	0.17	2.35	0.25	48.0	5.5	11	10.50	4.0
M356212		4.64	0.011	0.29	6.80	20.4	2260	1.46	0.29	2.33	0.14	39.4	7.9	8	10.65	1.6
M356213		5.16	<0.005	0.10	7.16	7.5	2190	1.61	0.17	2.25	0.19	47.0	7.0	8	10.75	5.2
M356214		0.25	2.25	27.0	6.03	3210	1450	1.39	22.3	2.12	80.9	44.6	11.1	19	15.25	418
M356215		8.45	<0.005	0.12	7.54	5.0	2130	1.70	0.20	2.48	0.15	53.0	7.7	11	7.26	11.4
M356216		2.91	0.078	19.20	6.90	482	3640	1.71	0.41	2.70	56.3	44.3	7.3	8	16.05	46.5
M356217		4.06	<0.005	0.02	0.05	<5	40	0.06	0.02	20.4	0.10	1.12	1.0	<1	0.14	1.8
M356218		5.43	<0.005	0.19	7.41	6.6	2190	1.57	0.22	2.58	0.27	46.5	7.1	10	8.03	7.0
M356219		8.17	<0.005	0.12	7.60	5.7	2250	1.68	0.16	2.52	0.12	48.2	7.5	12	7.05	7.2
M356220		0.25	2.21	25.9	6.06	3250	1690	1.32	22.6	2.14	83.5	43.2	11.3	19	15.50	421
M356221		8.78	<0.005	0.12	7.47	5.9	2080	1.61	0.17	2.40	0.15	47.9	7.6	9	5.54	6.7
M356222		9.72	<0.005	0.11	7.41	6.7	2140	1.63	0.23	2.41	0.12	45.7	7.7	9	6.30	6.0
M356223		2.86	1.615	>100	6.42	1265	750	1.59	1.86	2.15	345	41.4	6.8	6	15.10	234
M356224		3.49	<0.005	0.06	0.06	<5	40	0.07	0.02	20.2	0.24	1.24	1.0	<1	0.18	2.1
M356225		2.79	0.013	0.36	7.13	27.9	1610	1.56	0.24	2.48	0.55	47.2	5.8	6	19.95	5.4
M356226		4.29	0.043	2.30	7.28	155.5	2000	1.49	0.44	1.86	19.30	47.1	6.3	9	11.20	13.9
M356227		6.88	<0.005	0.35	7.37	10.8	2070	1.65	0.62	2.32	1.10	49.9	13.2	10	8.68	4.3
M356228		7.76	<0.005	0.13	6.76	10.2	1880	1.42	0.20	2.69	0.16	41.6	6.9	6	11.30	4.5
M356229		2.57	0.047	4.74	6.62	96.9	2190	1.24	0.35	4.01	50.9	43.4	5.8	5	12.30	35.2
M356230		4.83	<0.005	0.09	7.36	5.4	2100	1.53	0.17	2.29	0.12	48.9	7.2	8	10.20	5.3
M356231		4.01	0.015	0.54	7.41	36.4	2030	1.47	0.24	2.11	1.49	43.7	8.1	9	12.25	6.2
M356232		7.52	<0.005	0.08	7.44	6.8	2140	1.63	0.16	2.25	0.12	45.9	7.3	10	8.33	5.0
M356233		<0.02	<0.005	0.07	7.30	6.0	2050	1.58	0.14	2.16	0.13	43.7	6.8	8	8.05	5.0
M356234		7.55	<0.005	0.21	7.21	7.6	2070	1.75	0.43	2.23	0.45	47.3	8.1	10	6.51	9.6
M356235		5.00	<0.005	0.13	7.22	9.8	2060	1.74	0.26	2.24	0.10	44.5	6.3	11	5.52	3.9
M356236		2.76	0.006	2.20	7.29	21.6	1880	1.65	0.29	2.51	2.07	46.6	6.3	8	9.58	51.1
M356237		6.16	<0.005	0.08	7.57	8.1	2060	1.62	0.19	2.24	0.12	52.9	7.1	9	5.56	5.0
M356238		2.34	<0.005	0.07	7.43	7.6	2050	1.64	0.18	2.16	0.14	48.0	6.9	7	5.55	4.7
M356239		8.97	<0.005	0.07	7.36	8.6	2120	1.56	0.22	2.15	0.12	47.2	5.9	9	5.84	2.9
M356240		8.06	<0.005	0.10	6.79	5.9	1870	1.54	0.22	2.52	0.11	43.7	4.9	9	7.41	2.5
M356241		3.18	0.005	0.30	6.75	17.4	3120	1.58	0.26	2.51	0.55	79.6	7.1	8	9.81	0.9
M356242		6.53	0.112	5.23	7.00	88.7	320	1.47	4.96	3.43	2.07	>500	72.7	6	10.40	6.6
M356243		6.17	0.058	2.45	7.55	57.7	1250	1.63	1.98	2.59	6.29	218	6.9	7	15.10	5.1
M356244		5.34	0.089	4.26	7.30	103.5	660	1.61	0.80	2.96	6.12	55.1	4.9	6	14.80	8.0
M356245		4.10	0.125	7.50	6.69	66.8	1370	1.24	0.46	2.68	7.59	44.9	3.8	5	14.55	18.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356210		2.88	16.30	0.11	1.2	0.072	2.72	24.1	14.7	0.80	939	3.00	1.86	8.3	2.2	550
M356211		2.88	15.70	0.11	1.2	0.074	2.75	23.6	12.2	0.73	847	6.86	1.66	8.2	2.3	520
M356212		3.21	15.45	0.13	1.2	0.060	2.71	19.3	17.4	0.68	827	3.27	1.55	8.3	2.7	520
M356213		2.72	17.05	0.12	1.3	0.047	2.65	22.8	13.1	0.77	560	1.61	2.27	8.9	2.2	550
M356214		6.53	14.50	0.13	0.9	1.830	2.47	24.5	25.5	0.91	1830	13.30	0.04	6.4	14.8	420
M356215		2.87	17.60	0.12	1.5	0.051	2.54	25.9	12.7	0.80	628	1.41	2.25	9.2	2.6	550
M356216		3.23	16.35	0.12	1.4	0.120	2.76	21.4	24.2	0.74	1600	1.00	1.40	8.6	2.2	510
M356217		0.46	0.23	0.11	<0.1	<0.005	0.02	0.5	1.2	12.70	209	0.11	0.01	0.3	1.8	160
M356218		2.84	16.10	0.13	1.4	0.052	2.62	22.3	13.2	0.80	741	0.83	2.26	8.9	2.2	550
M356219		2.90	17.20	0.13	1.3	0.052	2.61	23.5	14.4	0.81	652	1.06	2.47	9.4	2.5	560
M356220		6.70	14.60	0.13	0.9	1.835	2.52	23.0	25.8	0.94	1850	14.05	0.04	6.6	15.0	420
M356221		2.79	16.90	0.11	1.2	0.047	2.48	24.4	11.4	0.79	593	0.89	2.40	8.9	2.3	550
M356222		2.82	17.10	0.12	1.4	0.052	2.50	22.9	11.7	0.81	611	2.68	2.31	9.1	2.5	560
M356223		3.93	15.30	0.12	1.2	0.589	2.69	20.4	79.4	0.65	2360	1.65	0.60	7.3	2.0	460
M356224		0.46	0.27	0.11	<0.1	0.005	0.03	0.6	1.3	12.50	204	0.09	0.01	0.3	1.6	170
M356225		2.95	15.55	0.14	1.4	0.105	3.12	23.3	28.2	0.72	2040	1.21	0.97	8.8	2.2	530
M356226		3.71	15.95	0.13	1.3	0.106	2.97	24.3	24.7	0.76	1510	1.27	0.80	8.1	2.0	520
M356227		2.89	16.70	0.13	1.6	0.053	2.60	25.5	14.0	0.71	722	0.74	1.95	8.6	2.3	530
M356228		2.68	16.05	0.12	1.4	0.049	2.53	20.3	32.9	0.64	615	0.69	1.32	8.4	2.1	530
M356229		3.41	15.20	0.13	1.2	0.123	2.74	21.8	24.0	0.68	1290	0.48	0.61	7.9	1.9	510
M356230		2.79	16.80	0.14	1.3	0.053	2.71	24.3	11.7	0.75	566	0.69	2.24	8.6	2.4	540
M356231		2.94	16.80	0.13	1.5	0.056	2.92	22.1	14.8	0.73	761	0.62	1.91	8.7	2.5	540
M356232		2.82	17.50	0.13	1.4	0.048	2.56	22.5	14.1	0.83	554	0.99	2.43	9.1	2.6	560
M356233		2.71	16.70	0.14	1.4	0.045	2.47	22.0	13.2	0.81	528	0.96	2.34	8.6	2.4	540
M356234		2.63	16.55	0.14	1.5	0.045	2.57	23.2	10.8	0.74	526	1.04	2.33	9.1	2.3	520
M356235		2.69	16.45	0.13	1.4	0.051	2.60	22.4	10.0	0.76	546	1.92	2.42	9.5	2.3	510
M356236		2.70	16.95	0.13	1.4	0.068	2.80	22.8	11.6	0.64	723	0.94	1.86	8.9	2.2	520
M356237		2.65	17.10	0.16	1.4	0.044	2.55	27.9	9.8	0.81	531	1.28	2.48	9.1	2.4	530
M356238		2.57	16.80	0.15	1.5	0.041	2.56	25.0	9.3	0.78	514	1.54	2.44	8.8	2.2	510
M356239		2.62	17.20	0.14	1.4	0.047	2.64	24.7	10.6	0.80	490	2.93	2.49	8.8	2.3	520
M356240		2.43	16.65	0.15	1.3	0.055	2.47	21.5	9.6	0.62	556	1.96	2.15	8.6	2.3	500
M356241		1.93	16.15	0.16	1.2	0.127	2.53	45.3	10.7	0.63	1140	1.13	0.85	8.4	1.4	490
M356242		5.99	21.5	0.41	1.4	0.553	3.32	369	7.9	0.93	3410	0.73	0.12	7.3	3.0	630
M356243		3.22	18.30	0.20	1.3	0.180	2.95	134.5	13.9	0.75	1930	3.09	0.45	8.0	2.2	520
M356244		4.88	17.30	0.15	1.3	0.121	2.92	29.3	21.0	0.87	2460	0.47	0.29	7.5	2.2	530
M356245		3.26	13.70	0.08	1.2	0.105	2.96	24.8	12.5	0.81	2380	0.83	0.42	7.3	2.2	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356210		93.3	118.0	<0.002	0.07	2.98	11.0	1	1.8	298	0.67	<0.05	13.4	0.242	1.51	3.9
M356211		46.9	125.5	<0.002	0.09	2.38	10.5	1	1.7	281	0.64	<0.05	14.2	0.227	1.61	4.0
M356212		14.0	111.5	<0.002	0.35	3.80	10.5	1	1.8	194.0	0.67	0.08	13.1	0.231	1.80	4.0
M356213		19.5	105.0	<0.002	0.04	1.65	11.2	1	1.6	337	0.74	<0.05	14.7	0.242	1.30	4.3
M356214		2720	161.5	<0.002	4.58	94.2	8.6	2	8.4	92.6	0.50	0.41	10.9	0.173	2.33	5.0
M356215		20.5	109.5	<0.002	0.03	1.21	11.7	1	1.6	356	0.74	<0.05	15.9	0.243	1.14	4.5
M356216		5790	115.0	<0.002	0.91	23.6	10.2	1	1.8	267	0.74	<0.05	13.2	0.226	1.78	4.5
M356217		4.7	1.0	<0.002	<0.01	<0.05	0.2	1	<0.2	52.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356218		33.9	98.3	<0.002	0.02	1.71	9.7	1	1.6	353	0.76	<0.05	13.4	0.245	1.20	4.3
M356219		20.0	102.0	<0.002	0.01	1.40	11.0	1	1.6	404	0.78	<0.05	14.0	0.250	1.10	4.0
M356220		2760	162.5	0.002	4.71	95.0	8.6	2	8.3	94.7	0.50	0.64	10.9	0.175	2.35	5.1
M356221		19.5	101.5	<0.002	0.02	1.28	11.3	1	1.6	368	0.70	<0.05	14.3	0.245	0.99	4.4
M356222		20.3	97.0	<0.002	0.01	1.50	11.5	1	1.7	370	0.78	<0.05	14.0	0.244	1.05	4.7
M356223		>10000	127.5	<0.002	2.84	125.0	10.1	2	2.6	156.5	0.66	0.08	10.8	0.200	2.10	3.7
M356224		16.0	1.4	<0.002	<0.01	0.08	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356225		58.5	141.0	<0.002	0.24	7.76	10.4	1	2.0	213	0.76	<0.05	14.0	0.241	2.29	5.0
M356226		624	154.0	<0.002	0.65	6.06	10.5	1	2.2	147.0	0.70	0.06	14.9	0.219	2.32	4.8
M356227		71.5	122.5	<0.002	0.38	2.72	10.9	1	1.8	266	0.77	0.22	15.0	0.226	1.41	4.8
M356228		20.6	100.0	<0.002	0.07	3.76	10.5	1	1.6	217	0.73	<0.05	11.9	0.230	1.35	3.8
M356229		767	118.0	<0.002	0.58	10.30	10.3	1	2.1	199.5	0.64	<0.05	12.2	0.225	1.88	3.5
M356230		17.6	111.5	<0.002	0.03	2.36	11.4	1	1.6	336	0.69	<0.05	13.3	0.246	1.17	4.0
M356231		86.2	126.5	<0.002	0.34	4.17	11.1	1	1.7	301	0.69	<0.05	13.0	0.247	1.46	4.1
M356232		18.7	103.0	<0.002	0.02	1.77	11.7	1	1.7	382	0.72	<0.05	12.6	0.247	1.02	3.9
M356233		18.0	101.5	<0.002	0.01	1.66	11.4	1	1.6	367	0.69	<0.05	13.0	0.235	0.96	4.2
M356234		108.5	108.5	<0.002	0.11	1.68	10.6	1	1.6	337	0.84	0.15	15.5	0.228	1.02	5.6
M356235		15.7	104.5	<0.002	0.08	1.77	10.6	1	1.6	334	0.98	0.06	14.6	0.230	1.03	5.4
M356236		172.0	122.0	<0.002	0.15	3.58	10.8	1	1.6	278	0.77	<0.05	14.6	0.231	1.55	4.8
M356237		19.2	112.5	<0.002	0.01	1.11	11.7	1	1.5	371	0.80	<0.05	17.4	0.234	0.97	5.4
M356238		20.3	110.5	<0.002	0.01	1.10	11.1	1	1.6	364	0.79	<0.05	15.8	0.230	0.98	5.2
M356239		18.1	108.5	<0.002	0.03	1.44	10.8	1	1.7	368	0.75	<0.05	15.1	0.231	0.99	5.1
M356240		16.2	98.8	<0.002	0.10	1.80	10.0	1	1.8	287	0.77	<0.05	13.4	0.226	1.22	4.4
M356241		31.9	117.0	<0.002	0.45	4.64	10.8	1	2.8	122.5	0.71	0.10	13.4	0.214	2.31	4.5
M356242		457	163.5	<0.002	4.05	7.74	12.9	2	4.8	84.6	0.70	1.35	19.0	0.222	3.15	5.5
M356243		524	156.5	<0.002	1.40	6.48	11.0	1	3.5	110.0	0.75	0.38	18.7	0.221	3.00	5.6
M356244		1085	153.0	<0.002	2.33	11.80	10.5	1	2.5	147.5	0.69	0.23	15.1	0.191	3.08	4.8
M356245		2580	158.5	<0.002	1.17	12.45	8.5	1	1.8	123.5	0.66	0.08	15.6	0.198	2.60	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219506

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356210		67	2.3	15.9	118	33.6			
M356211		62	1.3	14.9	53	35.2			
M356212		64	2.1	12.1	54	34.0			
M356213		66	1.0	16.8	41	38.6			
M356214		56	5.0	10.2	5260	25.3			
M356215		66	1.3	18.0	46	45.4			
M356216		63	2.6	14.9	3430	40.4			
M356217		2	0.1	0.8	20	<0.5			
M356218		67	1.3	16.4	56	39.6			
M356219		68	0.8	17.7	43	39.5			
M356220		55	5.1	10.1	5290	25.9			
M356221		67	0.6	17.1	45	38.1			
M356222		67	1.1	17.7	46	40.4			
M356223		57	2.4	13.0	>10000	35.6	105	3.24	2.18
M356224		2	0.1	0.8	31	<0.5			
M356225		66	2.2	15.2	65	41.1			
M356226		61	2.6	12.5	1120	39.5			
M356227		63	1.5	15.6	110	46.8			
M356228		63	2.2	15.2	47	42.5			
M356229		62	3.0	15.0	3150	37.7			
M356230		67	0.9	16.0	44	39.8			
M356231		66	1.3	15.8	128	45.1			
M356232		68	1.2	17.1	42	41.0			
M356233		64	1.0	16.7	41	39.4			
M356234		63	1.5	17.3	59	44.2			
M356235		63	1.6	17.1	39	41.6			
M356236		63	2.1	16.2	159	43.2			
M356237		64	1.3	18.4	40	43.9			
M356238		63	1.7	17.5	40	43.9			
M356239		62	3.7	17.0	37	43.7			
M356240		61	1.3	14.1	35	41.2			
M356241		63	1.8	10.6	67	38.5			
M356242		90	3.9	18.0	159	42.3			
M356243		65	2.9	14.9	446	39.8			
M356244		57	2.0	13.2	393	40.0			
M356245		55	2.2	12.8	532	35.8			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219506

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219507

Project: Klaza-133

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

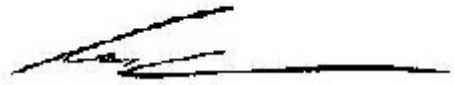
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219507

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356246		2.44	0.548	22.1	6.00	318	1390	1.11	0.55	3.02	8.71	45.2	5.5	9	15.25	38.0
M356247		3.31	<0.005	0.05	0.05	7	30	<0.05	0.02	19.50	0.07	1.11	0.8	<1	0.16	1.0
M356248		6.36	0.036	0.84	6.22	97.5	1570	1.26	0.31	2.14	4.32	40.6	4.4	8	13.30	10.5
M356249		2.94	0.006	0.14	6.91	13.2	1830	1.32	0.17	2.41	0.13	46.7	6.2	8	14.50	6.0
M356250		2.96	0.027	2.01	6.90	36.0	1620	1.31	0.47	2.16	0.92	46.3	5.8	7	17.85	6.5
M356251		7.53	<0.005	0.12	6.64	9.1	1820	1.44	0.16	2.22	0.10	46.6	5.4	9	11.70	4.0
M356252		<0.02	<0.005	0.11	6.85	8.5	1830	1.39	0.17	2.20	0.11	47.2	5.3	9	11.60	3.6
M356253		4.13	0.033	1.13	6.24	88.8	1220	1.35	0.21	2.56	3.48	43.1	4.3	7	22.3	9.0
M356254		3.74	<0.005	0.36	6.87	13.7	1880	1.59	0.24	2.38	1.81	45.5	5.4	8	15.10	15.9
M356255		2.67	0.033	2.68	6.94	63.5	1130	1.39	1.54	2.39	21.5	44.4	15.0	8	11.35	17.7
M356256		5.66	<0.005	0.14	7.39	7.5	2060	1.38	0.56	2.59	0.16	49.6	8.3	11	10.55	3.7
M356257		3.80	<0.005	0.11	7.42	7.3	2100	1.46	0.25	2.29	0.14	49.5	5.7	8	7.36	9.2
M356258		3.33	0.022	0.72	7.05	20.5	1950	1.34	0.34	2.59	4.48	46.9	8.8	9	9.73	13.1
M356259		3.56	<0.005	0.12	7.43	7.6	2140	1.46	0.24	2.59	0.15	49.2	7.1	10	10.55	6.5
M356260		1.87	<0.005	0.16	7.26	8.2	2100	1.44	0.22	2.56	0.37	51.3	6.5	9	10.35	7.3
M356261		2.37	0.032	0.53	7.32	21.6	1940	1.35	0.27	2.60	1.23	50.4	7.6	11	12.55	5.8
M356262		0.26	4.35	>100	5.17	7260	1130	1.03	59.7	1.87	214	35.5	8.5	15	12.00	1220
M356263		5.55	<0.005	0.56	6.79	15.1	2060	1.46	0.26	2.81	0.65	42.1	7.1	10	15.55	6.2
M356264		4.05	0.075	1.81	6.58	185.0	1260	1.34	0.22	2.75	11.75	47.8	6.9	7	27.5	19.8
M356265		2.91	0.063	2.38	6.63	113.0	1540	1.43	0.26	2.73	10.15	45.5	6.9	8	29.2	15.4
M356266		3.79	0.010	0.33	6.79	55.2	1700	1.50	0.23	2.40	0.67	42.8	5.7	9	27.0	8.1
M356267		3.22	0.137	1.43	6.54	345	680	1.48	0.38	3.36	5.54	49.2	6.2	7	22.4	8.7
M356268		3.70	<0.005	0.09	7.25	5.6	2070	1.47	0.36	2.67	0.14	47.5	6.2	9	11.55	3.3
M356269		8.64	<0.005	0.09	7.39	7.1	2240	1.54	0.21	2.37	0.15	50.1	6.8	13	9.09	4.8
M356270		0.25	4.36	>100	5.22	7390	1140	0.99	59.7	1.95	222	34.4	8.7	17	12.45	1280
M356271		8.87	<0.005	0.16	7.02	10.3	2120	1.45	0.35	2.61	0.23	45.1	6.6	9	11.40	6.9
M356272		7.09	<0.005	0.10	7.13	10.3	2150	1.46	0.27	2.70	0.14	43.9	7.2	10	18.35	4.6
M356273		2.73	0.170	1.35	6.99	1490	1610	1.28	1.19	2.28	5.29	46.4	6.9	8	18.45	11.9
M356274		2.70	3.22	>100	4.14	>10000	630	0.83	56.2	1.24	417	30.8	12.4	6	8.96	2450
M356275		2.46	1.505	35.5	4.91	4050	280	0.91	32.9	0.89	55.7	33.6	68.6	8	5.59	446
M356276		4.07	0.070	3.62	7.16	256	220	1.33	3.69	1.73	3.98	53.0	34.9	6	10.15	33.3
M356277		2.37	0.028	1.77	7.11	63.5	1090	1.53	1.97	1.45	5.69	55.9	4.5	7	16.35	24.2
M356278		2.46	<0.005	0.04	0.07	<5	30	<0.05	0.03	20.8	0.09	1.63	0.9	<1	0.17	0.5
M356279		3.01	0.010	1.02	6.36	29.9	2120	1.50	2.63	2.61	0.62	42.7	5.6	7	15.25	6.9
M356280		6.59	<0.005	0.29	6.90	15.4	1840	1.50	0.30	2.58	0.87	48.1	5.8	11	11.30	8.1
M356281		4.18	<0.005	0.29	7.03	7.8	2040	1.51	0.33	2.38	0.64	42.4	6.7	9	11.80	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219507

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356246		3.80	12.05	0.11	1.2	0.290	2.82	25.0	13.7	1.02	2240	0.68	0.25	6.7	2.6	430
M356247		0.46	0.15	<0.05	<0.1	<0.005	0.02	0.5	0.7	11.70	201	0.09	0.01	0.2	1.9	140
M356248		2.67	14.15	0.08	1.3	0.064	2.99	19.8	15.7	0.58	916	0.76	0.79	7.9	2.5	490
M356249		2.67	15.30	0.09	1.5	0.040	3.00	23.0	13.0	0.65	608	0.94	1.79	8.8	2.4	540
M356250		2.68	14.80	0.09	1.5	0.046	3.12	23.2	18.2	0.63	781	1.19	0.89	8.8	2.7	550
M356251		2.49	14.85	0.09	1.6	0.043	2.77	23.0	12.9	0.60	493	1.07	1.95	9.0	2.2	510
M356252		2.52	14.80	0.10	1.6	0.039	2.76	23.9	12.6	0.60	496	1.62	1.95	8.9	2.4	510
M356253		2.32	14.25	0.10	1.9	0.039	3.41	21.1	18.4	0.63	856	1.63	0.56	9.8	2.0	480
M356254		2.72	15.40	0.09	1.8	0.043	3.14	22.0	11.0	0.61	790	1.60	1.75	10.0	3.1	530
M356255		3.97	15.20	0.13	1.2	0.168	2.95	22.2	8.2	0.66	1620	1.19	1.28	8.3	2.8	600
M356256		3.14	16.10	0.11	1.1	0.049	2.70	24.8	13.9	0.82	597	0.86	2.37	9.1	2.8	630
M356257		3.16	16.10	0.12	1.3	0.055	2.76	24.8	8.5	0.85	591	0.72	2.61	9.2	2.7	600
M356258		3.44	15.20	0.12	1.1	0.074	2.66	23.5	10.7	0.84	801	0.65	2.22	8.8	2.7	610
M356259		3.26	16.85	0.12	1.3	0.061	2.74	23.7	10.9	0.86	668	0.81	2.60	9.9	2.8	680
M356260		3.18	16.35	0.11	1.2	0.062	2.79	25.0	11.2	0.80	718	0.70	2.51	9.4	2.8	620
M356261		3.29	15.50	0.11	1.2	0.055	2.67	24.9	11.5	0.84	766	0.59	2.30	8.9	3.1	620
M356262		7.66	11.30	0.16	1.0	4.62	2.21	18.8	26.9	0.59	2970	15.70	0.08	5.6	12.7	430
M356263		3.13	16.10	0.10	1.2	0.062	2.66	19.6	13.3	0.74	728	0.76	2.13	9.4	3.0	640
M356264		2.75	14.60	0.11	1.0	0.063	2.81	25.5	19.3	0.85	1720	0.98	0.08	8.2	2.7	530
M356265		3.13	15.25	0.11	1.1	0.068	3.24	22.3	28.6	0.80	1020	0.61	0.71	9.1	2.8	620
M356266		2.91	15.60	0.11	1.1	0.058	3.10	20.1	42.6	0.61	769	0.77	1.08	9.1	2.4	610
M356267		3.05	14.60	0.12	1.0	0.117	3.02	26.6	15.2	0.97	2250	0.79	0.05	7.8	2.8	530
M356268		3.06	15.85	0.10	1.2	0.060	2.68	23.3	11.4	0.78	671	0.61	2.33	8.8	3.0	610
M356269		3.03	15.65	0.11	1.1	0.042	2.62	25.9	13.2	0.92	604	0.68	2.48	8.8	2.8	600
M356270		7.94	11.55	0.15	1.0	4.76	2.30	18.2	27.3	0.62	3100	15.85	0.08	5.6	13.2	450
M356271		2.94	15.40	0.09	1.1	0.051	2.50	22.1	14.6	0.78	569	1.50	2.32	8.5	2.5	590
M356272		3.14	15.35	0.11	1.1	0.056	2.76	21.4	18.7	0.77	686	1.31	2.04	8.4	2.7	600
M356273		3.53	14.45	0.12	1.0	0.273	2.98	24.7	31.6	0.67	1110	9.09	1.16	7.5	2.4	540
M356274		6.04	7.73	0.11	0.8	16.15	1.88	16.7	13.6	0.50	1580	1.55	0.02	4.2	1.6	270
M356275		7.71	10.05	0.12	0.9	2.37	2.34	18.3	15.5	0.45	567	8.03	0.02	4.7	2.8	310
M356276		6.28	14.55	0.17	1.2	0.331	3.43	27.6	57.1	0.64	1520	0.35	0.04	6.2	3.0	530
M356277		4.36	15.10	0.13	1.5	0.852	3.08	31.8	163.5	0.70	1870	1.34	0.04	8.4	2.2	530
M356278		0.49	0.21	<0.05	<0.1	<0.005	0.03	0.8	1.1	12.40	216	0.12	0.01	0.2	2.1	180
M356279		2.60	14.60	0.09	1.6	0.072	2.78	21.1	74.1	0.53	738	0.86	1.03	8.3	2.1	490
M356280		2.80	14.90	0.09	1.6	0.037	2.86	24.4	17.6	0.71	731	1.05	1.92	8.5	2.4	520
M356281		2.75	17.35	0.17	1.7	0.054	2.95	21.7	27.0	0.68	618	1.29	1.83	9.0	2.2	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219507

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356246		8410	157.0	<0.002	1.99	34.6	7.6	1	2.3	123.0	0.59	0.13	13.3	0.180	2.35	6.5
M356247		8.1	1.1	<0.002	<0.01	0.07	0.2	1	0.2	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356248		125.5	133.0	<0.002	0.45	7.60	8.9	1	1.8	166.5	0.72	0.05	13.3	0.215	2.03	4.7
M356249		17.7	124.0	<0.002	0.09	2.53	9.7	1	1.6	298	0.77	<0.05	14.7	0.236	1.55	5.2
M356250		1320	136.0	<0.002	0.38	9.27	9.9	1	1.7	205	0.75	<0.05	14.6	0.242	2.15	5.3
M356251		17.3	111.5	<0.002	0.08	2.59	9.5	1	1.7	311	0.84	<0.05	14.5	0.221	1.33	6.2
M356252		18.6	116.5	<0.002	0.08	2.55	9.6	1	1.6	307	0.84	<0.05	14.4	0.222	1.27	6.2
M356253		209	138.5	<0.002	0.33	6.59	8.6	1	1.8	172.0	1.11	<0.05	13.8	0.212	2.45	6.7
M356254		49.5	130.0	<0.002	0.11	2.96	9.6	1	1.8	313	1.03	<0.05	13.7	0.232	1.76	6.3
M356255		731	141.0	<0.002	1.85	6.38	10.6	1	2.6	189.0	0.61	0.53	10.7	0.250	2.04	4.6
M356256		17.8	110.0	<0.002	0.34	1.87	11.4	1	2.0	386	0.69	0.16	11.5	0.270	1.17	4.6
M356257		16.2	109.0	<0.002	0.06	1.79	11.1	1	2.0	385	0.74	<0.05	13.2	0.263	1.15	5.4
M356258		361	114.0	<0.002	0.26	4.04	11.1	1	2.1	314	0.69	0.08	11.5	0.256	1.45	5.1
M356259		23.9	105.0	<0.002	0.03	2.02	12.3	1	2.0	398	0.78	<0.05	12.4	0.279	1.23	5.1
M356260		38.2	105.5	<0.002	0.03	2.37	11.7	1	2.0	383	0.76	<0.05	13.5	0.269	1.26	5.3
M356261		145.0	112.5	<0.002	0.09	3.30	11.1	1	2.0	348	0.73	<0.05	13.4	0.263	1.43	5.0
M356262		9220	127.0	<0.002	6.68	211	6.7	2	8.3	117.5	0.43	0.46	8.7	0.174	2.14	5.3
M356263		151.0	97.7	<0.002	0.06	2.97	11.5	1	2.0	357	0.75	<0.05	11.0	0.275	1.44	4.2
M356264		402	147.0	<0.002	0.74	13.05	10.8	1	1.8	140.0	0.66	<0.05	12.7	0.240	2.79	4.6
M356265		605	133.5	<0.002	0.39	7.91	11.7	1	1.8	203	0.71	<0.05	11.2	0.272	2.33	4.6
M356266		44.7	123.5	<0.002	0.17	6.75	10.7	1	1.7	250	0.71	<0.05	11.5	0.263	1.96	4.0
M356267		283	173.0	<0.002	1.30	14.80	10.0	1	1.9	108.5	0.64	0.06	11.8	0.230	3.18	5.0
M356268		18.0	103.5	<0.002	0.03	1.86	11.4	1	1.6	367	0.74	0.10	12.0	0.259	1.19	4.8
M356269		20.5	101.5	<0.002	0.02	1.26	11.1	1	1.5	413	0.72	<0.05	11.9	0.259	1.01	4.7
M356270		9610	129.0	<0.002	6.88	218	6.7	2	8.5	117.5	0.44	0.45	8.3	0.180	2.17	5.3
M356271		21.3	94.0	<0.002	0.07	2.01	10.7	1	1.4	360	0.69	0.07	11.2	0.252	1.03	4.1
M356272		20.1	108.0	<0.002	0.09	2.39	10.8	1	1.6	352	0.63	0.07	10.6	0.259	1.36	3.6
M356273		177.5	152.5	<0.002	1.44	13.70	9.9	1	2.5	245	0.57	0.06	11.0	0.235	1.97	3.6
M356274		>10000	103.5	<0.002	7.57	490	4.3	2	4.3	35.3	0.40	0.16	9.8	0.122	2.11	4.8
M356275		2200	146.5	<0.002	8.01	108.5	5.9	2	5.3	24.5	0.42	1.57	10.5	0.129	1.92	3.9
M356276		335	189.0	<0.002	4.86	14.10	9.9	2	5.2	73.0	0.55	0.59	15.2	0.176	2.81	5.9
M356277		145.0	171.0	<0.002	0.74	10.10	9.7	1	2.7	112.0	0.76	0.09	16.6	0.216	2.80	5.1
M356278		5.8	1.5	<0.002	<0.01	0.08	0.2	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356279		208	108.5	<0.002	0.24	7.11	9.0	1	1.7	183.5	0.78	0.12	13.7	0.216	1.87	6.3
M356280		61.2	109.5	<0.002	0.06	2.74	9.4	1	1.7	303	0.79	<0.05	15.3	0.228	1.33	6.1
M356281		239	124.0	<0.002	0.13	5.32	9.6	1	1.8	290	0.86	<0.05	14.1	0.226	1.54	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219507

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356246		52	2.6	12.3	576	34.8			
M356247		2	0.1	0.8	17	<0.5			
M356248		59	2.5	13.8	302	39.8			
M356249		63	2.4	16.6	41	44.6			
M356250		65	3.5	15.3	101	46.1			
M356251		62	1.8	16.3	39	44.1			
M356252		60	1.6	16.6	39	45.3			
M356253		58	3.0	15.2	243	51.0			
M356254		65	1.4	17.2	140	49.4			
M356255		72	1.8	14.7	1380	39.9			
M356256		77	1.2	18.1	45	32.3			
M356257		74	1.2	18.4	46	35.2			
M356258		71	1.7	17.6	301	28.5			
M356259		80	0.9	19.9	49	34.2			
M356260		77	1.1	19.1	68	33.1			
M356261		76	1.6	18.0	128	31.3			
M356262		52	4.4	9.2	>10000	33.3	115		1.625
M356263		81	1.5	17.3	94	30.8			
M356264		68	3.8	16.0	771	27.9			
M356265		82	4.3	16.4	598	29.9			
M356266		76	2.1	15.3	78	31.6			
M356267		64	3.6	14.7	367	27.7			
M356268		74	0.9	18.3	49	31.1			
M356269		74	0.7	18.3	44	30.2			
M356270		53	4.5	9.5	>10000	31.4	117		1.645
M356271		72	1.0	16.8	57	29.9			
M356272		75	1.2	16.1	55	28.9			
M356273		66	2.2	14.4	392	25.9			
M356274		34	3.7	6.8	>10000	22.1	400	11.50	2.86
M356275		41	4.3	7.6	4830	25.0			
M356276		54	2.9	12.1	397	35.0			
M356277		60	6.2	13.0	605	42.9			
M356278		2	0.1	0.8	19	<0.5			
M356279		61	1.8	13.8	83	47.3			
M356280		63	1.7	16.1	101	47.0			
M356281		59	2.2	15.6	73	49.6			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219507

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219508

Project: Klaza-133

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

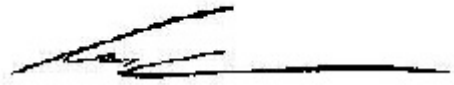
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219508

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356282		2.75	0.356	5.36	6.42	453	850	1.34	0.62	2.32	75.2	37.8	7.6	5	14.65	23.5
M356283		8.30	<0.005	0.17	7.16	6.5	2140	1.68	0.23	2.36	0.24	46.8	6.1	8	7.16	6.3
M356284		8.51	<0.005	0.15	7.19	8.9	2170	1.80	0.29	2.42	0.25	46.8	8.2	8	7.69	12.7
M356285		0.23	2.28	24.7	5.74	3280	820	1.24	18.05	2.20	76.7	37.5	10.0	17	12.70	437
M356286		3.63	0.071	3.10	6.83	262	1690	1.50	0.41	2.09	14.20	43.0	6.6	9	12.80	74.6
M356287		3.24	0.093	0.27	7.15	12.5	2210	1.62	0.28	2.51	0.29	46.8	6.3	8	12.85	8.9
M356288		2.68	0.062	2.02	7.12	36.0	2030	1.69	0.31	2.51	25.5	42.0	5.1	9	15.40	16.9
M356289		6.06	<0.005	0.32	7.15	15.0	1550	1.67	0.61	1.94	0.31	38.6	7.0	7	19.50	6.0
M356290		3.22	1.915	13.60	5.75	1670	400	1.43	0.47	1.32	25.5	43.4	6.1	6	14.20	59.7
M356291		2.33	<0.005	0.18	0.09	<5	90	0.06	0.02	21.1	0.12	1.17	0.6	<1	0.28	2.0
M356292		8.51	0.005	0.14	7.03	9.0	2060	1.47	0.47	2.12	0.17	42.0	6.2	7	11.35	3.4
M356293		8.30	0.005	0.12	7.01	6.4	2210	1.65	0.46	2.55	0.13	44.8	6.3	9	8.69	7.3
M356294		4.43	0.008	0.20	6.84	10.7	2050	1.43	0.32	2.53	0.53	40.8	6.5	8	7.98	2.8
M356295		7.71	<0.005	0.11	7.35	9.7	2230	1.43	0.37	2.24	0.12	46.2	6.0	9	5.98	13.8
M356296		<0.02	<0.005	0.10	7.28	9.8	2180	1.62	0.29	2.18	0.13	49.4	5.9	9	6.08	12.5
M356297		4.13	<0.005	0.12	7.09	8.5	2250	1.35	0.52	2.10	0.18	49.7	13.1	8	5.08	3.8
M356298		7.70	<0.005	0.11	7.09	7.0	2050	1.59	0.48	2.34	0.17	46.0	6.4	8	7.88	3.5
M356299		0.23	4.31	>100	5.21	7590	210	1.09	61.0	1.94	218	29.4	8.9	16	10.40	1255
M356300		7.33	<0.005	0.20	7.19	11.6	2130	1.66	0.52	2.49	0.26	49.9	6.9	9	8.31	6.4
M356301		6.03	<0.005	0.13	7.29	8.7	2040	1.48	0.24	2.46	0.18	47.6	7.6	9	8.87	18.7
M356302		2.66	0.182	25.0	6.64	150.5	430	1.39	5.19	2.37	189.5	45.2	6.9	6	13.45	430
M356303		4.96	<0.005	0.40	7.16	5.6	2210	1.59	0.33	2.35	0.48	46.1	7.6	7	11.45	7.4
M356304		4.02	0.083	15.20	7.09	97.0	760	1.52	3.48	2.18	71.9	45.9	8.4	7	12.65	120.5
M356305		4.13	0.006	0.35	6.90	11.3	2010	1.27	0.20	2.48	1.01	44.2	7.3	6	10.75	11.8
M356306		1.62	0.017	0.61	7.00	19.4	2000	1.37	0.25	2.60	5.70	44.5	7.2	6	11.10	29.7
M356307		3.09	0.038	0.94	6.25	68.1	1060	1.32	0.64	1.85	2.15	34.7	8.2	5	13.80	22.1
M356308		3.77	0.151	3.68	6.38	135.5	440	1.49	0.54	2.29	17.65	44.1	6.5	5	12.90	40.3
M356309		4.07	0.365	8.67	5.58	429	500	1.36	2.20	1.67	53.5	44.3	9.3	6	12.55	96.7
M356310		3.14	0.729	16.45	3.55	789	200	0.79	1.26	3.59	91.3	24.0	5.0	3	7.12	107.0
M356311		3.05	2.13	19.30	4.02	1555	280	0.81	1.61	2.85	175.5	28.4	3.6	3	6.38	137.5
M356312		5.58	0.021	1.22	6.97	66.5	1460	1.44	0.43	1.48	8.34	43.2	7.9	7	12.15	10.9
M356313		2.65	0.584	19.20	4.76	524	130	1.04	10.40	2.14	549	31.3	6.0	5	10.70	332
M356314		3.06	<0.005	0.20	0.08	<5	50	0.05	0.04	20.7	0.78	1.14	0.5	<1	0.17	2.3
M356315		6.99	0.010	0.39	6.69	44.1	2480	1.42	0.53	2.34	1.54	50.0	6.8	10	12.55	10.5
M356316		6.06	0.007	0.35	6.51	16.8	1820	1.41	0.52	2.70	2.52	45.6	7.0	8	11.65	6.1
M356317		3.30	0.301	3.86	5.64	153.0	330	1.00	1.93	2.01	10.90	37.0	12.3	6	8.75	31.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356282		3.47	13.95	0.10	1.6	0.355	2.73	19.4	49.5	0.76	1290	7.13	0.12	6.9	2.3	470
M356283		2.64	15.60	0.11	2.1	0.038	2.72	23.4	12.8	0.78	570	1.09	2.26	8.6	2.4	540
M356284		2.69	16.75	0.11	1.7	0.044	2.61	22.8	12.5	0.79	612	0.82	2.20	9.1	2.5	560
M356285		6.41	13.65	0.10	1.0	1.540	2.59	20.5	22.7	0.90	1900	12.45	0.04	5.6	15.7	440
M356286		3.14	15.45	0.10	1.4	0.143	2.80	21.6	25.0	0.62	1080	1.54	1.20	7.5	2.5	530
M356287		2.84	16.65	0.11	1.6	0.063	2.75	22.9	16.7	0.75	672	0.60	2.05	8.3	2.7	580
M356288		3.19	16.10	0.10	1.5	0.068	2.80	20.2	27.2	0.69	783	0.67	1.69	8.2	2.6	590
M356289		2.70	16.95	0.08	1.4	0.049	2.14	17.3	283	0.56	734	0.49	0.83	8.2	2.4	630
M356290		4.03	13.35	0.10	1.3	0.195	2.57	23.7	62.0	0.53	1590	10.85	0.04	6.6	2.6	430
M356291		0.50	0.22	<0.05	<0.1	0.005	0.03	0.6	1.8	12.85	235	0.54	0.01	0.2	1.8	150
M356292		2.67	16.10	0.11	1.8	0.045	2.81	19.7	35.0	0.53	641	1.33	0.99	8.5	2.5	560
M356293		2.66	16.40	0.09	1.9	0.039	2.82	21.0	13.9	0.71	556	0.77	2.07	8.8	2.6	550
M356294		2.76	15.55	0.11	1.5	0.054	2.75	20.8	11.8	0.70	956	0.54	1.82	7.7	2.2	540
M356295		2.67	15.80	0.09	1.6	0.040	2.80	23.8	10.4	0.81	558	0.61	2.49	8.1	2.5	560
M356296		2.65	16.00	0.12	1.5	0.038	2.73	26.6	10.3	0.79	552	0.50	2.41	8.2	2.5	540
M356297		2.69	15.70	0.10	1.5	0.068	2.48	26.5	11.3	0.78	582	0.54	2.56	7.9	2.6	530
M356298		2.74	16.05	0.12	1.6	0.073	2.76	23.0	14.6	0.69	863	0.52	1.89	8.1	2.5	550
M356299		7.69	12.60	0.09	1.1	4.43	2.25	14.5	30.3	0.62	3010	14.35	0.08	5.3	14.0	450
M356300		2.84	16.65	0.09	1.4	0.047	2.57	25.7	12.8	0.87	652	1.76	2.30	8.3	2.8	610
M356301		2.90	15.90	0.10	1.5	0.045	2.62	23.3	14.7	0.87	658	1.16	2.36	7.9	2.6	590
M356302		3.82	14.90	0.12	1.3	7.06	2.87	23.7	30.6	0.60	1430	1.32	0.35	7.4	2.5	540
M356303		2.88	16.65	0.12	1.6	0.054	2.80	20.9	14.3	0.74	590	0.79	1.83	8.3	2.5	590
M356304		3.87	15.80	0.12	1.5	4.19	3.14	23.9	18.8	0.72	1440	0.75	0.93	7.6	2.6	580
M356305		3.00	15.75	0.09	1.5	0.046	2.88	21.3	23.9	0.73	659	0.85	0.80	8.3	2.5	610
M356306		2.79	16.30	0.12	1.4	0.904	2.98	22.8	25.9	0.69	701	0.91	0.68	8.0	2.5	590
M356307		3.14	15.10	0.11	1.3	0.164	2.73	16.3	85.7	0.47	1790	2.53	0.06	6.9	2.6	510
M356308		3.92	14.40	0.12	1.2	0.343	2.96	25.0	15.2	0.83	4010	4.17	0.03	6.0	2.4	490
M356309		3.31	13.45	0.11	1.4	2.41	2.45	24.8	65.9	0.65	1740	10.15	0.03	6.4	2.4	420
M356310		4.26	8.70	0.09	0.6	2.28	1.62	13.0	31.6	0.99	5140	25.7	0.02	3.1	2.2	250
M356311		5.76	10.25	0.11	0.6	3.19	1.84	15.1	16.2	0.91	13950	14.15	0.02	3.9	1.8	320
M356312		3.58	16.35	0.11	1.0	0.071	2.60	19.7	47.8	0.61	1590	1.97	0.05	7.3	2.5	610
M356313		6.55	11.90	0.10	0.7	24.2	1.93	15.2	80.2	0.59	2750	12.15	0.04	5.1	2.1	390
M356314		0.45	0.23	0.05	<0.1	0.025	0.03	0.6	1.2	12.50	215	0.12	0.01	0.1	1.7	170
M356315		3.19	17.65	0.11	1.1	0.079	2.92	25.3	22.8	0.77	1030	1.83	1.33	8.6	3.4	600
M356316		2.63	16.85	0.12	1.1	0.118	2.64	22.7	36.9	0.66	690	1.17	0.94	7.9	2.6	560
M356317		4.60	13.40	0.14	0.8	0.118	2.81	19.9	23.2	0.68	852	1.03	0.14	3.6	2.4	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356282		2160	129.5	0.003	1.65	27.1	8.2	1	2.4	85.0	0.70	0.16	15.8	0.195	2.42	7.5
M356283		24.7	109.0	<0.002	0.02	1.37	9.3	1	1.6	371	0.87	<0.05	16.4	0.237	1.07	7.4
M356284		24.4	110.0	<0.002	0.06	1.63	10.1	1	1.7	381	0.92	<0.05	15.3	0.240	1.12	6.2
M356285		2890	147.5	0.004	4.68	88.5	7.6	1	7.3	86.0	0.48	0.27	10.9	0.179	2.24	5.1
M356286		857	127.0	<0.002	0.56	13.05	9.6	1	2.2	231	0.66	<0.05	15.1	0.232	1.88	5.4
M356287		30.8	115.0	<0.002	0.08	3.15	10.6	2	1.8	351	0.72	<0.05	14.3	0.248	1.41	5.0
M356288		589	122.5	0.002	0.53	7.98	10.2	1	2.1	304	0.67	<0.05	13.3	0.257	1.67	5.0
M356289		22.6	87.9	<0.002	0.28	19.40	10.4	1	1.8	234	0.71	0.11	12.4	0.254	1.41	3.4
M356290		3880	145.5	<0.002	2.85	58.0	8.5	1	5.0	75.6	0.58	0.13	13.8	0.185	2.28	8.8
M356291		7.8	1.6	<0.002	0.01	0.19	0.2	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.04	0.5
M356292		40.3	103.5	<0.002	0.13	12.10	9.5	1	1.7	204	0.73	0.12	13.6	0.242	1.21	4.3
M356293		22.4	109.0	0.002	0.14	2.30	9.8	1	1.8	325	0.86	0.11	15.5	0.241	1.18	6.0
M356294		24.0	103.5	0.003	0.25	2.17	9.3	2	1.6	283	0.68	0.08	15.1	0.235	1.36	5.2
M356295		19.9	107.5	<0.002	0.11	1.42	9.5	<1	1.6	406	0.77	<0.05	17.5	0.240	1.16	6.1
M356296		19.7	108.0	<0.002	0.10	1.43	9.7	1	1.6	395	0.73	<0.05	17.6	0.238	1.16	6.1
M356297		19.7	98.1	0.002	0.48	2.05	9.3	1	1.7	371	0.74	0.13	16.6	0.232	1.10	5.8
M356298		18.7	119.5	0.002	0.36	2.60	9.6	1	1.9	290	0.71	0.17	15.5	0.234	1.45	5.4
M356299		9640	126.0	0.004	6.94	214	7.2	1	8.2	116.5	0.40	0.38	9.2	0.180	2.17	5.1
M356300		24.2	96.5	0.003	0.03	1.74	10.9	1	1.6	420	0.69	0.23	14.9	0.251	1.08	5.1
M356301		21.7	91.3	<0.002	0.10	1.66	10.5	1	1.6	417	0.67	<0.05	15.0	0.254	1.04	4.3
M356302		7170	134.0	<0.002	2.85	32.8	9.9	1	3.2	139.5	0.65	0.05	13.7	0.228	2.10	5.1
M356303		31.7	111.0	0.003	0.14	2.99	10.6	1	1.9	342	0.67	0.11	15.3	0.252	1.42	4.7
M356304		4280	140.5	<0.002	2.08	15.55	10.3	1	4.0	196.0	0.66	0.10	15.5	0.245	2.20	4.4
M356305		50.0	97.7	<0.002	0.18	4.75	10.0	1	2.2	225	0.71	<0.05	14.5	0.265	1.56	4.2
M356306		63.0	110.5	0.002	0.23	5.30	10.2	1	2.3	215	0.68	<0.05	13.4	0.247	1.72	4.0
M356307		174.0	115.5	0.002	1.38	23.7	9.2	<1	4.2	90.8	0.61	0.06	11.5	0.216	2.16	4.7
M356308		854	186.5	0.002	2.84	22.0	9.4	1	2.6	77.3	0.49	0.07	14.1	0.194	3.12	4.7
M356309		1385	146.5	0.002	2.77	41.6	8.8	1	3.5	74.7	0.62	0.08	13.1	0.189	2.54	6.6
M356310		4270	95.3	0.003	3.72	71.4	4.9	1	4.2	68.3	0.28	0.09	6.8	0.101	1.64	6.0
M356311		5490	100.5	0.002	4.48	55.0	5.8	1	3.9	53.9	0.34	0.13	8.5	0.129	1.93	3.1
M356312		411	116.5	0.002	1.25	16.35	10.9	2	2.4	100.5	0.59	<0.05	12.4	0.249	2.22	3.7
M356313		675	101.5	<0.002	7.76	39.0	7.4	2	3.2	79.4	0.40	0.10	9.0	0.164	1.62	3.7
M356314		5.7	1.4	0.004	0.01	0.15	0.2	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M356315		95.4	126.0	<0.002	0.48	6.10	11.2	1	2.1	272	0.68	0.19	13.8	0.262	1.79	4.2
M356316		34.6	109.0	<0.002	0.55	4.07	10.6	1	2.0	243	0.64	0.18	12.9	0.246	1.61	4.2
M356317		489	150.0	<0.002	4.70	6.41	8.3	2	4.3	83.5	0.30	0.55	12.3	0.117	1.73	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356282		53	3.0	11.6	4550	37.2		
M356283		63	1.6	16.4	51	48.6		
M356284		65	1.1	17.0	52	42.0		
M356285		56	5.1	9.0	5350	22.1		
M356286		63	1.9	13.3	989	30.9		
M356287		68	0.7	15.1	56	41.8		
M356288		69	1.2	14.3	2440	38.9		
M356289		70	3.5	13.1	61	32.8		
M356290		52	2.9	11.2	1960	33.2		
M356291		3	0.1	0.8	24	<0.5		
M356292		65	2.0	14.0	46	44.9		
M356293		64	1.1	15.3	44	44.2		
M356294		63	1.1	13.3	77	38.7		
M356295		65	0.6	15.5	41	40.8		
M356296		63	0.5	16.2	41	40.2		
M356297		60	1.0	15.2	42	32.6		
M356298		62	1.0	15.1	52	41.1		
M356299		52	4.3	8.4	>10000	27.9	119	1.610
M356300		70	0.7	16.1	58	32.5		
M356301		70	0.7	15.8	53	30.6		
M356302		62	3.0	13.5	>10000	29.6		2.03
M356303		68	1.7	15.4	74	34.1		
M356304		68	1.9	13.0	7050	30.6		
M356305		72	1.9	14.4	145	33.1		
M356306		69	1.9	15.4	594	31.3		
M356307		61	3.6	10.3	211	27.7		
M356308		57	4.3	11.2	1100	26.1		
M356309		56	5.6	10.9	4170	28.3		
M356310		32	4.2	6.9	6330	12.9		
M356311		37	5.8	7.8	>10000	13.9		1.220
M356312		71	5.9	12.3	617	21.4		
M356313		45	2.7	9.9	>10000	16.2		5.73
M356314		3	0.1	0.8	74	<0.5		
M356315		70	2.5	15.9	169	27.6		
M356316		66	1.7	14.2	280	26.6		
M356317		50	1.9	8.4	1210	21.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219508

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12219509

Project: Klaza-133

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

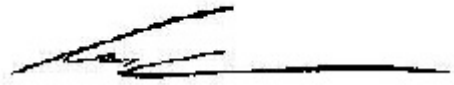
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219509

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356318		7.71	0.006	0.30	6.88	5.5	1000	1.46	0.68	2.67	0.31	41.3	8.6	9	8.39	2.5
M356319		8.78	<0.005	0.14	6.98	6.2	2370	1.63	0.26	2.46	0.18	43.5	7.4	11	12.05	3.0
M356320		3.42	<0.005	0.24	7.47	7.4	2440	1.57	0.33	2.02	0.21	45.1	8.2	7	13.85	3.9
M356321		3.67	0.043	2.29	6.77	26.5	620	1.17	1.26	1.90	3.69	41.1	8.4	6	12.90	7.4
M356322		5.35	0.005	0.33	6.35	6.1	510	1.36	0.58	3.32	0.26	35.1	9.5	7	8.82	2.6
M356323		2.49	<0.005	0.35	6.65	5.6	700	1.31	0.52	3.44	0.20	37.1	9.2	8	8.70	5.9
M356324		3.86	<0.005	0.10	7.12	5.2	1060	1.45	0.38	2.44	0.22	43.1	8.2	8	8.40	6.8
M356325		7.88	0.008	0.13	7.21	8.7	1920	1.45	0.46	2.17	0.22	43.3	8.1	10	16.30	7.6
M356326		5.58	<0.005	0.14	6.84	11.8	2000	1.50	0.28	2.25	0.16	35.4	8.6	7	19.00	7.1
M356327		4.10	<0.005	0.09	7.18	7.3	2540	1.31	0.33	2.01	0.20	41.0	8.9	8	14.35	7.7
M356328		0.24	4.59	>100	5.44	7890	190	1.21	55.0	1.99	226	30.0	9.9	17	12.05	1310
M356329		3.35	0.005	0.27	7.00	11.8	1860	1.26	0.41	1.91	0.51	38.5	7.1	7	13.50	3.9
M356330		5.49	0.006	0.19	6.95	12.8	200	1.53	0.51	2.10	0.31	37.6	11.1	9	18.85	2.4
M356331		3.99	0.024	0.48	7.16	35.3	670	1.98	0.61	2.14	2.71	41.1	8.7	7	18.10	6.9
M356332		4.54	0.476	15.30	5.94	296	350	1.08	10.55	0.85	18.10	19.90	29.6	10	6.40	133.0
M356333		3.19	<0.005	0.04	0.09	<5	60	0.06	0.03	20.8	0.11	1.33	1.1	<1	0.37	1.5
M356334		8.06	<0.005	0.22	6.95	17.9	1310	2.27	0.25	1.98	0.31	53.4	5.8	12	19.10	8.7
M356335		5.31	<0.005	0.14	6.79	15.0	550	2.23	0.15	2.10	0.25	44.1	5.5	12	19.60	6.6
M356336		2.95	<0.005	0.09	7.49	16.8	3770	2.36	0.19	1.77	0.26	58.1	6.4	13	29.6	22.4
M356337		4.60	2.78	29.0	3.94	2090	100	1.12	26.9	1.48	41.0	25.4	7.6	8	11.10	147.0
M356338		4.23	0.092	4.16	6.89	194.5	460	1.59	2.48	1.47	19.20	49.9	9.5	6	20.6	35.4
M356339		3.39	0.008	0.14	7.25	43.8	690	2.80	0.21	2.76	0.42	59.3	7.5	23	22.6	11.7
M356340		<0.02	<0.005	0.07	7.42	40.4	590	2.82	0.15	2.86	0.32	61.9	7.4	23	21.3	11.3
M356341		2.71	0.653	16.20	5.02	844	100	1.02	2.49	3.03	31.5	25.8	8.2	8	10.80	137.5
M356342		2.75	0.060	3.39	6.93	101.0	1390	1.60	2.61	2.41	6.34	46.9	7.3	8	22.2	30.1
M356343		7.90	0.015	0.48	6.75	17.4	2560	1.44	0.51	2.51	3.03	40.7	8.3	12	13.55	11.7
M356344		5.33	<0.005	0.11	6.96	8.1	2160	1.48	0.23	2.58	0.84	43.5	8.3	10	11.20	2.9
M356345		2.67	0.075	2.13	6.87	97.2	540	1.40	0.98	2.18	5.55	46.5	13.0	9	12.05	8.6
M356346		7.37	0.012	0.30	6.68	55.7	2030	1.56	0.33	2.70	1.29	38.7	7.0	12	15.50	3.0
M356347		0.25	4.40	>100	5.20	7380	150	1.20	53.5	1.92	219	29.1	9.5	16	11.80	1255
M356348		5.32	0.011	0.28	6.50	25.3	2330	1.59	0.30	2.64	0.44	41.6	7.0	9	18.25	3.2
M356349		4.43	0.027	0.92	6.70	38.9	1250	1.62	0.54	2.43	1.74	37.9	7.7	7	22.9	8.0
M356350		2.78	<0.005	0.02	0.06	<5	30	0.06	0.02	20.8	0.09	1.15	1.1	<1	0.16	2.4
M356351		6.68	<0.005	0.11	6.60	11.3	2040	1.75	0.09	3.15	0.10	41.3	6.4	8	25.7	4.9
M356352		8.46	<0.005	0.15	6.57	15.5	1020	1.68	0.07	3.01	0.06	41.8	6.9	9	21.8	5.7
M356353		3.32	0.005	0.26	7.47	23.4	380	1.60	0.16	1.65	0.17	51.3	6.7	9	19.30	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219509

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356318		2.73	17.60	0.19	1.1	0.018	2.79	21.1	27.2	0.79	571	1.02	0.65	6.5	2.5	580
M356319		2.86	17.85	0.19	1.3	0.025	2.55	22.2	13.8	0.73	456	0.83	1.98	8.8	2.4	620
M356320		2.94	17.85	0.20	1.2	0.018	2.47	23.5	316	0.69	375	1.84	0.89	8.3	2.5	610
M356321		3.50	15.65	0.18	1.1	0.057	2.97	22.6	183.0	0.69	764	7.40	0.05	5.9	2.3	560
M356322		2.74	17.70	0.19	1.0	0.031	3.26	16.9	25.1	0.60	893	0.64	0.26	6.3	2.4	580
M356323		2.63	17.10	0.19	1.1	0.030	3.26	19.0	26.9	0.61	934	0.73	0.25	6.2	2.6	570
M356324		2.87	17.30	0.20	1.1	0.015	2.53	22.4	19.8	0.72	425	6.55	1.12	8.1	2.4	620
M356325		2.95	17.55	0.19	1.2	0.018	2.74	22.5	85.4	0.66	446	4.72	1.09	8.1	2.5	590
M356326		2.78	18.30	0.16	1.2	0.021	2.29	17.2	280	0.59	564	2.57	0.47	9.0	2.7	690
M356327		2.92	17.75	0.18	1.1	0.018	2.91	21.1	27.5	0.50	377	5.75	1.22	8.5	2.4	620
M356328		8.13	14.50	0.22	1.1	5.04	2.39	15.8	32.8	0.62	3110	16.40	0.08	6.1	14.2	480
M356329		2.87	17.75	0.16	1.1	0.022	2.52	19.4	44.9	0.61	557	3.73	0.07	7.9	2.4	630
M356330		3.28	17.20	0.16	1.1	0.013	2.15	18.3	231	0.64	483	4.44	0.05	7.6	3.0	610
M356331		2.91	17.60	0.18	1.1	0.084	2.08	21.0	390	0.68	732	5.84	0.03	7.4	2.8	590
M356332		5.86	15.35	0.18	0.9	0.296	2.63	9.6	11.9	0.54	545	10.35	0.08	4.9	3.1	440
M356333		0.50	0.35	0.10	<0.1	0.005	0.03	0.7	2.2	12.65	221	0.17	0.01	0.3	1.6	180
M356334		2.22	19.90	0.19	3.4	0.028	2.58	27.0	366	0.78	529	1.78	0.03	11.1	4.7	990
M356335		2.19	21.0	0.19	3.1	0.027	2.66	21.9	260	0.76	482	0.96	0.04	11.1	4.7	960
M356336		2.21	21.6	0.21	3.9	0.028	2.60	29.6	361	0.71	527	1.24	0.03	12.1	4.8	1090
M356337		5.45	10.65	0.16	0.7	0.673	1.74	13.5	42.7	0.53	2320	24.8	0.02	4.2	2.5	280
M356338		4.50	16.85	0.18	1.1	0.527	3.07	28.2	21.8	0.64	2280	8.21	0.04	7.0	3.2	540
M356339		2.68	21.5	0.18	4.3	0.040	2.62	30.2	600	0.97	746	0.74	0.04	12.4	8.2	1440
M356340		2.72	20.7	0.20	4.4	0.037	2.67	31.6	610	1.02	768	0.61	0.04	12.0	7.9	1450
M356341		6.84	12.55	0.17	1.0	0.345	2.38	10.2	39.5	1.28	4480	3.07	0.03	5.4	2.7	460
M356342		4.18	17.25	0.17	1.0	0.113	3.17	25.6	56.3	0.79	1760	0.90	0.07	7.5	2.7	520
M356343		2.91	16.75	0.17	1.0	0.068	2.92	20.8	17.7	0.68	608	0.97	1.85	7.8	2.5	560
M356344		2.63	17.05	0.20	1.0	0.098	2.73	22.7	14.7	0.74	542	0.83	2.10	8.0	2.4	580
M356345		3.72	17.25	0.20	1.0	0.111	3.12	25.2	22.7	0.68	750	1.69	0.68	7.7	3.2	560
M356346		2.43	17.90	0.18	1.2	0.058	2.66	19.5	28.3	0.71	502	4.43	1.94	8.4	2.4	580
M356347		7.85	14.05	0.20	1.1	4.86	2.28	15.0	32.3	0.60	3000	15.65	0.08	5.8	13.5	460
M356348		2.50	16.60	0.17	1.1	0.035	2.66	21.4	43.3	0.72	501	0.95	1.64	7.7	2.4	550
M356349		2.67	17.00	0.18	1.3	0.059	2.96	19.3	66.9	0.74	817	2.18	0.12	7.3	2.4	560
M356350		0.47	0.30	0.13	<0.1	<0.005	0.02	0.6	1.4	12.65	208	0.19	0.01	0.3	1.8	180
M356351		2.33	19.10	0.18	3.4	0.030	3.05	20.4	45.3	0.88	573	0.90	0.04	10.2	3.9	740
M356352		2.30	19.00	0.20	3.2	0.031	2.91	21.1	89.2	0.91	589	0.85	0.04	10.4	4.0	720
M356353		2.43	17.25	0.14	3.6	0.036	2.82	27.2	330	0.74	827	2.64	0.05	10.2	3.6	730

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219509

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356318		27.0	123.5	<0.002	1.97	4.33	9.8	1	2.0	152.0	0.58	0.25	11.6	0.189	2.03	4.6
M356319		21.9	94.5	<0.002	0.55	2.35	10.6	1	1.7	352	0.81	0.09	11.5	0.244	1.27	4.4
M356320		27.7	95.7	<0.002	1.07	9.12	11.2	1	1.7	325	0.71	0.10	12.1	0.245	1.35	4.3
M356321		666	159.5	0.003	2.88	19.55	10.0	2	2.5	147.0	0.50	0.36	12.2	0.178	2.09	5.9
M356322		14.6	159.0	<0.002	2.00	4.59	10.2	2	1.8	207	0.50	0.21	9.5	0.191	2.47	3.8
M356323		13.6	163.5	<0.002	1.73	4.68	10.3	1	2.1	210	0.52	0.19	9.8	0.195	2.38	3.7
M356324		19.4	108.0	0.005	1.33	7.25	11.8	2	1.8	266	0.64	0.17	10.8	0.250	1.39	3.1
M356325		23.8	102.0	0.009	1.25	7.76	10.7	2	1.8	345	0.66	0.40	11.2	0.244	1.38	3.3
M356326		15.0	78.4	0.003	0.95	14.65	11.4	1	1.8	308	0.72	0.10	9.4	0.271	1.31	3.2
M356327		18.8	112.0	0.005	1.12	5.33	11.1	2	1.7	308	0.67	0.16	11.1	0.259	1.30	3.1
M356328		9800	136.5	<0.002	7.23	230	7.9	2	8.8	124.0	0.47	0.48	7.4	0.186	2.18	4.9
M356329		27.7	89.0	0.003	1.14	14.75	11.6	1	1.8	139.5	0.63	0.15	10.3	0.259	1.45	2.0
M356330		41.7	71.4	0.004	2.66	18.80	10.8	2	1.6	216	0.61	0.24	9.9	0.235	1.36	4.7
M356331		76.6	88.2	0.002	1.81	16.25	10.8	2	1.8	245	0.60	0.15	11.0	0.229	1.85	4.8
M356332		1640	173.0	0.002	5.97	52.8	10.6	2	9.2	59.7	0.40	1.76	10.7	0.159	1.97	4.7
M356333		6.5	2.2	<0.002	0.01	0.17	0.3	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M356334		22.5	78.0	<0.002	0.07	18.45	5.1	1	1.8	372	0.77	<0.05	7.9	0.291	1.17	4.0
M356335		20.8	71.4	<0.002	0.02	18.05	4.7	1	1.5	276	0.79	<0.05	7.2	0.285	1.36	3.3
M356336		16.3	87.7	<0.002	0.12	19.00	5.7	1	3.8	390	0.83	<0.05	8.8	0.320	1.21	5.3
M356337		2950	103.0	<0.002	5.42	101.5	5.3	1	6.3	86.7	0.35	0.30	6.0	0.119	1.71	5.9
M356338		760	178.0	<0.002	2.95	28.1	9.8	1	4.9	115.5	0.55	0.08	12.1	0.210	3.08	5.1
M356339		17.6	84.1	<0.002	0.08	22.6	7.0	1	1.6	461	0.76	<0.05	7.2	0.366	1.36	3.1
M356340		11.9	87.0	<0.002	0.07	21.9	7.1	1	1.6	469	0.76	<0.05	7.7	0.372	1.38	3.2
M356341		4650	144.0	<0.002	6.49	40.7	6.7	2	5.7	146.0	0.41	0.27	6.9	0.166	2.04	2.5
M356342		692	153.5	<0.002	1.87	10.00	10.3	1	3.0	149.0	0.62	0.23	11.9	0.218	2.92	4.2
M356343		104.5	106.0	<0.002	0.80	2.17	10.2	1	1.6	408	0.63	0.09	10.6	0.233	1.40	3.5
M356344		22.5	109.0	<0.002	0.31	1.74	10.5	1	1.5	342	0.62	0.07	11.0	0.237	1.29	3.4
M356345		581	161.5	<0.002	2.46	5.66	11.0	2	2.7	170.0	0.60	0.25	11.9	0.229	2.21	3.9
M356346		27.5	94.4	0.003	0.53	2.74	10.2	1	1.8	379	0.69	0.11	10.0	0.244	1.44	3.5
M356347		9520	130.0	0.002	6.98	228	7.4	2	8.5	120.0	0.46	0.63	7.3	0.178	2.13	4.8
M356348		28.7	96.1	<0.002	0.53	3.20	10.1	1	1.5	370	0.63	0.08	10.9	0.233	1.47	3.6
M356349		205	135.5	<0.002	1.42	11.30	9.4	1	1.6	253	0.59	0.14	10.0	0.215	2.78	4.0
M356350		2.0	1.2	<0.002	0.01	0.05	0.2	1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356351		11.1	104.0	<0.002	0.09	24.8	7.4	1	1.3	355	0.78	<0.05	7.4	0.279	2.53	4.4
M356352		12.3	108.0	<0.002	0.14	22.7	7.4	1	1.4	459	0.78	<0.05	7.5	0.265	2.32	4.9
M356353		20.4	117.5	0.002	0.20	24.7	8.0	<1	1.3	1150	0.72	<0.05	9.8	0.288	2.38	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219509

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356318		61	2.0	11.4	49	28.9		
M356319		64	1.2	14.7	49	32.8		
M356320		66	3.5	13.1	41	30.3		
M356321		63	3.1	12.9	256	26.7		
M356322		66	2.1	11.4	45	26.9		
M356323		65	1.9	11.8	41	27.7		
M356324		72	3.3	14.8	48	27.2		
M356325		66	6.0	13.5	42	30.6		
M356326		73	7.2	12.6	44	29.7		
M356327		69	3.6	13.9	41	30.3		
M356328		53	4.9	9.7	>10000	33.3	116	1.650
M356329		72	6.3	12.9	73	26.3		
M356330		67	5.1	12.1	48	28.1		
M356331		65	4.5	11.1	254	28.5		
M356332		75	3.4	8.3	1120	22.9		
M356333		2	0.1	0.9	18	<0.5		
M356334		47	3.2	8.7	100	126.5		
M356335		44	1.8	7.7	104	110.0		
M356336		50	3.0	9.9	88	150.0		
M356337		35	4.8	6.8	2550	20.4		
M356338		59	9.4	11.0	1180	28.9		
M356339		66	2.8	11.0	89	179.5		
M356340		66	2.7	11.1	86	177.5		
M356341		43	3.7	8.9	1960	32.4		
M356342		60	6.9	13.7	414	27.1		
M356343		62	1.4	13.9	225	26.1		
M356344		64	1.1	14.8	89	27.3		
M356345		62	3.3	12.6	384	28.4		
M356346		65	1.9	13.0	109	29.8		
M356347		50	4.7	9.1	>10000	32.1	116	1.635
M356348		63	2.1	13.9	60	27.5		
M356349		60	3.0	12.0	136	38.3		
M356350		2	0.1	0.8	16	<0.5		
M356351		65	3.0	12.6	54	123.5		
M356352		62	5.0	13.0	51	118.5		
M356353		71	8.6	13.9	68	125.5		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12219509

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
This copy reported on 25-SEP-2012
Account: ROCKHA

CERTIFICATE WH12219776

Project: Klaza-88

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12219776

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N810664		>100	5.23	7640	1040	1.13	59.7	1.88	221	35.7	8.6	17	11.00	1230	7.71	12.35
N810665		0.21	6.63	31.2	2280	1.53	0.26	2.87	0.29	40.5	8.5	16	12.25	9.2	3.15	16.20
N810666		1.14	6.22	107.5	1460	1.45	0.30	2.96	4.49	45.9	10.3	12	23.3	16.3	2.78	16.80
N810667		0.09	6.99	5.9	2430	1.49	0.14	2.82	0.09	42.8	7.7	13	14.35	5.2	2.95	17.35
N810668		0.08	7.41	6.0	2290	1.60	0.14	2.72	0.11	51.2	8.3	15	12.15	6.0	3.11	18.05
N810669		0.24	6.93	45.9	1720	1.61	0.23	2.67	0.58	45.7	9.5	15	19.00	5.0	2.95	17.10
N810670		>100	3.06	5870	140	0.79	77.9	3.08	330	21.8	72.9	9	4.18	1385	16.25	7.58
N810671		0.06	0.07	8	30	0.07	0.05	20.2	0.15	1.33	1.0	<1	0.43	2.2	0.48	0.25
N810672		1.01	6.47	72.8	300	2.07	0.36	3.48	0.83	59.2	6.7	15	20.7	9.2	2.46	17.55
N810673		3.71	6.82	94.0	870	1.68	0.40	4.37	5.79	69.5	6.7	13	12.65	17.7	2.52	16.25
N810674		0.21	6.72	21.0	1960	1.83	0.14	3.06	0.52	63.6	5.6	13	21.9	14.4	2.32	19.80
N810675		0.46	6.95	21.8	1140	1.76	0.15	3.23	0.64	65.6	6.0	14	32.6	31.0	2.41	18.85
N810676		67.9	3.99	1955	210	0.88	58.6	1.29	25.2	58.7	50.5	15	7.24	1615	9.00	10.15
N810677		0.08	0.07	<5	40	0.06	0.06	19.55	0.08	1.35	1.1	<1	0.25	2.3	0.46	0.26
N810678		0.33	7.12	10.9	2240	1.39	0.34	2.71	0.21	45.6	5.9	13	10.10	15.5	3.20	16.65
N810679		0.20	7.18	19.1	2290	1.40	0.28	2.31	0.24	48.8	6.6	15	14.90	6.0	3.34	16.35
N810680		1.08	6.93	14.7	2000	1.56	0.18	2.49	0.30	42.9	7.0	11	20.5	14.0	3.07	16.85
N810681		0.16	7.25	8.6	2080	1.58	0.13	2.60	0.29	50.6	10.0	15	15.40	7.2	3.18	17.40
N810682		0.13	7.34	6.0	2260	1.57	0.08	2.81	0.21	51.1	7.6	12	13.70	8.2	3.09	17.85
N810683		0.14	6.97	5.9	2170	1.66	0.11	2.76	0.24	59.6	7.7	16	13.70	9.1	2.97	17.85
N810684		3.68	6.67	508	1450	1.42	1.25	3.31	2.11	56.6	9.5	11	14.30	20.1	4.87	15.10
N810685		0.35	6.93	25.1	2220	1.48	0.27	2.79	0.45	45.1	8.4	12	14.80	44.9	3.16	17.75
N810686		0.87	6.94	323	1420	1.28	0.42	2.60	1.69	49.7	14.4	15	14.20	11.4	4.00	16.50
N810687		0.08	7.41	12.8	2240	1.45	0.13	2.50	0.09	52.2	9.9	13	7.58	5.3	3.43	17.05
N810688		0.15	7.51	9.0	2170	1.66	0.17	2.67	0.10	52.6	9.0	17	10.15	26.5	3.34	18.65
N810689		0.09	7.51	5.5	2220	1.53	0.14	2.70	0.10	57.1	8.6	14	8.55	10.2	3.26	17.15
N810690		0.12	6.95	7.1	2020	1.57	0.18	2.54	0.20	55.8	9.3	14	8.32	15.4	2.87	17.60
N810691		0.06	7.24	3.5	2180	1.58	0.08	2.73	0.09	54.1	7.9	13	3.94	13.0	3.17	17.40
N810692		0.19	7.48	51.9	1210	2.00	0.26	1.91	0.43	49.0	9.4	19	23.1	4.9	3.07	19.25
N810693		9.55	6.47	1755	800	1.57	6.41	1.90	42.9	49.8	16.5	21	16.85	108.0	5.13	16.00
N810694		0.16	6.12	34.2	1090	1.74	0.29	3.37	0.27	36.9	7.8	17	22.0	4.4	3.01	17.75
N810695		0.20	6.65	48.0	1260	1.61	0.38	2.08	0.99	34.8	7.3	13	23.2	5.4	2.97	17.90
N810696		0.12	7.53	40.8	1640	1.85	0.18	2.24	0.57	54.6	8.1	13	15.45	4.5	3.02	18.10
N810697		0.45	6.13	141.0	1080	2.07	0.51	3.14	5.10	39.4	7.3	13	24.4	7.3	2.84	15.80
N810698		0.14	7.30	38.2	1160	1.98	0.10	4.18	0.16	80.6	9.5	32	27.8	18.5	3.52	20.9
N810699		0.08	6.34	20.6	2180	1.56	0.25	2.46	0.09	42.6	7.2	10	21.6	5.5	2.68	13.85

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12219776

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
N810664		0.16	1.1	4.71	2.18	17.8	31.8	0.60	2970	14.85	0.08	5.6	13.2	430	9350	143.0
N810665		0.14	1.4	0.044	2.64	18.1	16.1	0.83	1070	2.00	1.67	8.0	3.2	580	35.2	102.5
N810666		0.16	1.4	0.139	2.76	21.5	49.2	0.87	1280	1.75	0.61	8.3	2.9	540	172.0	118.5
N810667		0.15	1.4	0.052	2.59	19.7	8.3	0.72	755	1.40	2.04	8.1	2.9	580	19.0	104.5
N810668		0.19	1.5	0.060	2.63	24.4	9.9	0.84	767	2.09	2.08	8.8	3.3	610	20.5	124.0
N810669		0.16	1.3	0.071	2.84	21.4	37.4	0.71	1290	1.33	1.02	8.6	3.0	590	56.4	125.0
N810670		0.27	0.5	3.07	1.35	11.5	6.4	1.15	3270	1.87	0.02	3.2	2.0	230	>10000	83.0
N810671		0.05	<0.1	0.005	0.03	0.6	1.3	12.65	208	0.10	0.01	0.4	1.2	180	7.6	2.4
N810672		0.17	3.4	0.034	2.62	29.4	37.2	1.29	1080	1.24	0.04	10.4	6.3	960	65.9	153.0
N810673		0.18	2.9	0.063	1.45	36.1	66.8	1.58	1070	2.72	0.03	10.9	5.0	870	497	96.3
N810674		0.17	2.8	0.031	1.64	29.6	86.6	0.86	721	1.46	0.06	12.8	3.7	890	34.8	54.0
N810675		0.18	2.6	0.058	2.70	30.5	39.7	0.80	747	1.43	0.07	12.4	3.5	910	47.5	98.6
N810676		0.25	0.7	1.195	1.57	37.0	25.9	0.41	1040	3.47	0.03	4.9	3.4	320	2110	101.0
N810677		0.07	<0.1	0.005	0.03	0.6	1.1	12.30	203	0.11	0.01	0.3	1.6	180	3.2	1.7
N810678		0.14	1.2	0.099	2.91	20.5	9.5	0.75	736	7.34	1.80	8.5	2.8	630	31.4	121.0
N810679		0.18	1.2	0.118	3.22	23.4	16.7	0.70	1050	4.02	1.31	8.4	2.8	600	23.6	153.5
N810680		0.16	1.2	0.062	2.84	19.3	29.4	0.71	919	1.97	1.56	8.6	2.9	650	31.1	115.0
N810681		0.19	1.2	0.050	2.79	23.9	18.5	0.78	934	1.67	1.81	8.5	3.0	600	21.1	130.0
N810682		0.18	1.2	0.046	2.75	24.0	10.4	0.80	835	1.22	2.13	8.4	3.0	630	34.0	120.0
N810683		0.19	1.2	0.048	2.69	27.6	10.7	0.77	838	1.74	2.01	8.6	3.2	600	32.4	123.5
N810684		0.18	1.0	0.257	2.67	29.8	20.8	1.12	4130	1.32	0.90	6.9	2.7	550	459	151.5
N810685		0.16	1.2	0.062	2.87	20.1	19.9	0.74	875	1.80	1.66	8.4	3.0	620	28.5	111.5
N810686		0.16	1.1	0.132	3.46	24.9	21.5	0.76	3030	2.11	0.25	7.4	2.5	550	40.7	208
N810687		0.17	1.1	0.073	2.91	25.1	14.0	0.86	857	1.28	1.92	8.0	3.5	600	16.3	130.5
N810688		0.18	1.3	0.061	2.58	24.7	16.8	0.85	761	1.88	2.14	9.2	3.2	670	17.9	110.5
N810689		0.18	1.2	0.065	2.85	28.1	11.2	0.83	876	1.96	1.96	8.0	2.9	600	19.5	132.5
N810690		0.18	1.3	0.053	2.58	26.7	12.8	0.75	689	1.75	1.97	8.5	2.9	590	27.6	114.5
N810691		0.17	1.2	0.042	2.52	25.3	12.4	0.87	704	2.46	2.30	8.5	3.2	620	16.9	97.7
N810692		0.16	1.9	0.050	2.40	22.2	67.1	0.21	714	2.54	0.55	9.8	4.7	810	17.5	109.5
N810693		0.18	1.4	0.971	2.86	25.5	26.8	0.67	2000	12.55	0.26	7.7	15.3	490	1315	177.0
N810694		0.15	1.3	0.044	2.57	16.6	50.2	0.20	1160	2.32	0.68	8.3	3.4	580	33.4	104.5
N810695		0.14	1.3	0.045	2.53	15.2	74.3	0.18	902	3.41	0.35	9.1	3.1	640	22.6	110.5
N810696		0.19	1.3	0.036	2.63	26.9	45.8	0.44	667	1.85	1.50	8.6	3.4	630	19.2	121.0
N810697		0.15	1.7	0.036	2.52	17.3	44.9	0.29	1290	2.08	0.33	8.5	4.2	720	67.8	99.7
N810698		0.22	4.7	0.042	2.05	38.0	80.1	0.97	871	1.54	0.10	12.9	12.4	1780	15.2	70.8
N810699		0.15	1.5	0.033	2.19	19.8	44.7	0.70	738	0.86	1.37	8.4	3.1	610	13.4	87.4

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12219776

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
N810664		<0.002	6.79	211	7.4	2	8.3	122.0	0.42	0.49	9.3	0.178	2.17	5.6	50	4.2
N810665		<0.002	0.11	3.11	11.4	1	1.8	339	0.66	<0.05	11.3	0.261	1.43	4.0	74	1.7
N810666		<0.002	0.26	8.12	11.2	1	2.5	217	0.68	0.10	11.5	0.244	2.17	4.4	67	3.0
N810667		<0.002	0.05	1.54	11.5	1	1.5	447	0.63	<0.05	11.2	0.260	1.23	3.8	71	1.3
N810668		<0.002	0.05	1.22	12.5	1	1.7	401	0.71	<0.05	13.7	0.268	1.23	4.5	73	1.6
N810669		<0.002	0.26	3.94	11.5	1	1.9	264	0.72	0.07	12.9	0.262	1.86	4.3	71	2.0
N810670		<0.002	>10.0	217	4.5	4	11.4	85.9	0.23	8.05	5.9	0.106	1.39	2.2	29	4.5
N810671		<0.002	0.01	0.12	0.2	1	<0.2	49.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2	0.1
N810672		<0.002	0.53	10.15	7.3	1	1.3	210	0.69	<0.05	9.8	0.274	3.75	4.7	55	4.9
N810673		<0.002	0.69	10.90	6.4	1	1.5	320	0.72	<0.05	11.4	0.256	2.02	7.1	49	4.4
N810674		<0.002	0.10	5.93	6.6	1	1.3	306	0.85	<0.05	9.8	0.258	1.44	5.1	50	2.6
N810675		<0.002	0.05	7.98	6.1	1	1.4	298	0.82	<0.05	9.7	0.261	2.30	4.8	52	1.7
N810676		0.003	9.24	68.9	6.3	2	8.6	85.2	0.34	7.79	7.3	0.139	1.59	3.4	38	3.1
N810677		<0.002	0.01	0.09	0.2	1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.4	2	0.1
N810678		<0.002	0.05	3.23	11.6	1	1.9	367	0.68	<0.05	12.3	0.279	1.66	3.9	77	1.2
N810679		<0.002	0.16	4.23	11.3	1	2.2	297	0.68	<0.05	12.8	0.268	1.97	4.3	74	2.6
N810680		<0.002	0.09	4.50	12.2	1	1.6	313	0.65	<0.05	11.4	0.286	1.60	3.4	82	1.8
N810681		<0.002	0.15	2.10	12.4	1	1.7	362	0.65	<0.05	13.6	0.273	1.46	4.0	75	1.6
N810682		<0.002	0.03	1.84	12.4	1	1.6	402	0.64	<0.05	12.5	0.277	1.37	3.7	77	1.2
N810683		<0.002	0.04	1.84	12.5	1	1.6	379	0.63	<0.05	13.9	0.275	1.40	3.8	75	1.2
N810684		<0.002	1.33	10.00	11.1	1	3.4	267	0.53	<0.05	13.0	0.240	1.84	5.2	67	4.6
N810685		<0.002	0.07	3.55	11.6	1	1.6	343	0.67	<0.05	12.0	0.275	1.51	3.4	75	3.3
N810686		<0.002	1.90	8.88	11.2	1	3.1	116.5	0.57	0.06	13.7	0.247	2.72	4.0	69	3.2
N810687		<0.002	0.12	2.00	11.4	1	1.8	354	0.60	<0.05	13.4	0.271	1.37	3.7	73	1.4
N810688		<0.002	0.08	1.61	13.1	1	2.0	390	0.72	<0.05	13.9	0.290	1.19	4.1	81	1.5
N810689		<0.002	0.08	1.97	11.8	1	1.9	353	0.65	<0.05	14.5	0.270	1.34	4.9	75	1.1
N810690		<0.002	0.08	1.17	12.0	1	2.2	347	0.70	<0.05	14.5	0.269	1.19	4.4	73	0.9
N810691		<0.002	0.01	0.61	11.9	1	1.9	403	0.66	<0.05	13.2	0.282	0.94	4.0	77	0.5
N810692		<0.002	0.01	10.40	11.6	1	1.7	112.5	0.75	<0.05	10.5	0.311	1.91	2.9	82	1.6
N810693		<0.002	2.98	33.9	9.3	1	6.0	151.0	0.61	0.29	13.0	0.214	2.60	5.7	58	5.1
N810694		<0.002	0.01	8.21	10.5	1	1.6	151.5	0.66	<0.05	10.0	0.283	1.83	2.8	80	1.1
N810695		<0.002	0.02	10.30	11.6	1	1.8	108.0	0.70	<0.05	9.4	0.301	1.84	2.7	89	2.0
N810696		<0.002	0.02	5.19	12.4	1	1.7	261	0.69	<0.05	14.5	0.279	1.53	2.7	76	0.8
N810697		<0.002	0.03	11.95	9.7	1	1.6	108.0	0.64	<0.05	8.7	0.291	2.00	3.6	71	1.3
N810698		<0.002	0.02	18.50	8.6	1	1.3	362	0.83	<0.05	8.5	0.441	1.83	6.6	85	1.6
N810699		<0.002	0.15	6.57	10.6	1	1.5	151.0	0.70	<0.05	12.3	0.262	1.75	3.9	64	0.9

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12219776

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	2	0.5	1	0.001	0.001
N810664		9.7	>10000	29.9	114		1.670
N810665		15.4	78	29.7			
N810666		15.1	385	31.0			
N810667		15.8	52	31.2			
N810668		18.5	57	32.7			
N810669		16.1	92	30.9			
N810670		5.7	>10000	11.6	181	1.920	2.49
N810671		1.0	25	<0.5			
N810672		13.6	101	122.5			
N810673		13.8	410	97.9			
N810674		13.1	97	86.2			
N810675		13.2	91	83.1			
N810676		7.3	1670	18.9			
N810677		0.9	17	0.5			
N810678		15.7	64	28.1			
N810679		15.9	70	28.2			
N810680		15.9	69	26.6			
N810681		17.2	66	27.8			
N810682		17.3	59	27.9			
N810683		18.0	60	28.7			
N810684		15.5	192	23.8			
N810685		15.4	72	27.6			
N810686		13.8	174	25.1			
N810687		16.0	53	26.0			
N810688		18.7	54	30.9			
N810689		17.5	53	29.1			
N810690		17.4	60	29.4			
N810691		18.0	53	28.3			
N810692		13.9	89	54.3			
N810693		12.3	3040	37.5			
N810694		12.4	65	27.8			
N810695		12.6	138	28.6			
N810696		15.9	90	29.9			
N810697		11.2	345	45.2			
N810698		14.1	77	177.0			
N810699		10.8	51	35.3			

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2012
Account: ROCKHA

Project: Klaza-88

CERTIFICATE OF ANALYSIS WH12219776

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

CERTIFICATE WH12220540

Project: Klaza - 134

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

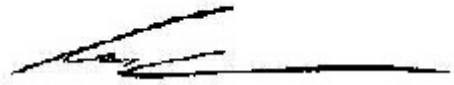
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220540

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354622		7.26	0.077	1.09	6.56	127.0	590	1.64	2.55	2.55	0.50	46.6	7.1	14	13.80	618
M354623		3.86	<0.005	0.06	7.46	12.9	690	2.09	0.12	2.93	0.12	59.0	6.5	15	13.70	7.7
M354624		1.98	<0.005	0.07	7.64	13.4	690	2.06	0.10	2.98	0.09	56.8	6.5	15	13.70	6.7
M354625		5.30	0.054	0.23	7.29	54.6	630	1.73	0.31	3.36	0.30	59.7	6.3	14	13.25	22.9
M354626		2.66	0.690	4.03	7.05	263	670	1.47	6.30	4.71	3.54	37.7	14.8	13	20.7	886
M354627		3.38	<0.005	0.01	0.09	<5	20	0.08	0.04	21.4	0.08	1.69	1.4	<1	0.28	3.5
M354628		6.37	0.077	1.18	6.67	131.5	540	1.34	1.29	3.24	0.82	34.3	10.3	8	18.35	479
M354629		4.08	0.034	1.49	6.94	176.5	360	1.42	0.59	1.49	0.59	28.2	8.5	4	14.50	743
M354630		7.35	0.085	2.23	6.79	348	270	1.20	0.67	1.20	1.78	18.05	12.0	6	10.05	1475
M354631		7.64	0.139	3.20	6.98	403	300	1.16	1.04	1.99	2.34	22.1	25.7	9	10.60	1930
M354632		6.66	0.111	2.97	6.84	342	500	1.28	0.89	2.28	1.16	23.8	27.0	13	14.00	1770
M354633		0.25	4.51	>100	5.52	6910	1370	1.23	64.1	2.02	232	36.4	9.3	17	11.90	1325
M354634		7.95	0.103	2.44	7.33	121.0	1000	1.21	0.98	1.22	0.77	27.5	18.3	11	9.26	1500
M354635		7.16	0.078	1.81	7.19	50.2	780	1.16	0.75	0.76	0.59	30.5	12.1	5	7.83	1230
M354636		7.90	0.066	1.86	7.32	35.6	800	1.16	0.88	0.96	0.28	30.8	18.8	10	8.53	1215
M354637		5.18	0.500	6.17	7.10	180.5	460	1.01	6.30	1.24	2.70	28.2	23.8	12	7.96	3300
M354638		8.80	0.064	2.63	7.30	183.5	450	1.29	1.14	1.99	0.72	29.8	33.1	10	15.05	1680
M354639		4.21	0.097	2.85	7.15	173.5	650	1.27	1.49	2.35	1.43	27.9	24.0	13	15.55	1530
M354640		4.19	<0.005	0.03	0.08	<5	20	0.05	0.03	21.7	0.06	1.23	1.6	<1	0.30	9.1
M354641		9.69	0.097	2.92	7.06	51.6	940	1.27	1.28	1.27	0.53	25.6	44.3	14	14.15	1785
M354642		8.97	0.088	3.08	6.69	63.3	500	1.26	1.00	1.78	1.05	25.2	28.0	11	13.80	1700
M354643		8.98	0.075	2.89	6.69	54.0	310	1.25	0.99	1.16	1.43	21.5	19.8	7	11.95	1395
M354644		7.49	0.109	2.78	6.63	67.6	790	1.28	0.93	0.88	1.18	34.3	13.1	5	8.90	2080
M354645		<0.02	0.104	2.97	6.81	73.6	800	1.31	1.12	0.94	1.41	34.2	13.5	5	8.81	2140
M354646		9.07	0.045	2.19	6.92	132.5	370	1.44	0.51	1.72	1.24	30.5	11.3	9	17.45	1310
M354647		8.13	0.042	1.35	8.48	24.8	2100	1.48	0.44	2.25	6.75	43.9	14.1	23	10.80	719
M354648		8.33	0.038	1.82	7.68	24.9	1650	1.36	0.91	2.83	7.73	41.2	15.9	21	13.90	465
M354649		2.98	0.158	2.03	7.03	41.0	370	1.30	2.18	3.50	3.16	34.4	27.8	19	12.20	834
M354650		4.84	0.056	1.52	7.76	25.1	780	1.31	0.70	3.32	0.58	38.8	18.6	21	13.65	839
M354651		0.28	4.38	>100	5.46	6730	1410	1.28	63.3	1.98	229	37.4	10.2	16	12.50	1290
M354652		8.43	0.062	1.37	7.69	13.9	1550	1.40	0.60	3.06	0.44	38.3	17.8	23	12.05	897
M354653		5.19	0.072	1.83	8.24	23.4	1330	1.55	0.54	3.48	1.33	42.0	16.9	23	16.05	822
M354654		6.22	0.059	1.36	8.00	25.1	1120	1.40	0.35	4.75	6.17	51.6	15.0	20	15.50	682
M354655		7.25	0.042	1.14	7.61	16.1	1250	1.32	0.53	3.16	2.97	66.1	13.5	17	10.25	515
M354656		6.85	0.040	0.89	7.68	9.1	1070	1.68	0.33	3.72	0.44	53.7	15.6	19	12.85	507
M354657		2.86	0.067	2.49	7.82	41.6	1230	1.38	1.43	3.94	11.30	46.8	16.5	23	21.8	413

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354622		2.96	17.90	0.20	2.5	0.096	2.94	25.2	29.5	1.04	579	10.35	0.07	8.3	4.8	780
M354623		2.43	18.90	0.22	3.2	0.022	3.17	30.6	34.2	1.19	572	1.33	0.07	10.6	6.1	1000
M354624		2.45	19.40	0.22	3.4	0.025	3.18	28.9	33.0	1.21	582	1.37	0.07	11.2	6.2	1030
M354625		2.51	19.35	0.21	3.3	0.033	3.26	31.0	27.5	1.38	1020	2.03	0.06	11.0	5.9	1000
M354626		6.04	19.70	0.23	1.2	0.232	2.46	19.5	86.3	1.88	1260	14.05	0.08	6.1	5.4	1210
M354627		0.47	0.41	0.26	<0.1	0.005	0.03	0.8	1.3	13.45	213	0.26	0.01	0.5	1.7	180
M354628		3.65	16.70	0.18	1.4	0.083	2.92	18.9	41.4	1.45	926	20.4	0.06	5.0	3.1	460
M354629		2.38	16.15	0.17	1.8	0.084	3.22	15.9	10.9	0.86	555	19.10	0.05	3.8	1.3	180
M354630		2.75	15.10	0.15	1.5	0.147	2.91	8.8	26.9	0.63	372	41.4	0.05	2.3	3.2	220
M354631		4.95	13.20	0.16	1.4	0.169	2.81	10.9	31.1	0.89	914	124.0	0.05	2.6	6.5	370
M354632		3.79	13.00	0.15	1.4	0.188	3.76	11.8	20.2	1.05	909	159.0	0.08	3.3	5.6	530
M354633		8.30	14.25	0.20	1.1	4.74	2.39	19.7	36.3	0.65	3180	17.20	0.08	6.4	14.9	460
M354634		3.28	13.90	0.15	1.5	0.151	5.65	12.9	15.8	0.57	397	199.5	0.18	2.3	3.9	320
M354635		2.92	15.00	0.18	1.5	0.139	4.49	13.8	18.1	0.38	296	114.0	0.12	1.8	2.6	140
M354636		3.55	16.75	0.19	1.7	0.112	4.60	12.8	26.0	0.71	305	65.1	0.15	2.7	3.4	310
M354637		7.91	17.80	0.28	1.5	0.409	3.73	12.5	11.3	0.81	409	170.0	0.06	2.8	8.2	750
M354638		3.87	16.10	0.20	1.6	0.151	3.70	12.4	18.7	0.95	762	122.0	0.07	3.0	8.4	590
M354639		5.88	17.35	0.21	1.5	0.233	4.14	12.2	9.6	1.09	747	98.7	0.12	3.8	10.4	930
M354640		0.52	0.30	0.18	<0.1	<0.005	0.04	0.6	1.0	13.60	240	0.70	<0.01	0.3	3.9	200
M354641		5.66	16.40	0.18	1.4	0.265	4.14	10.9	13.1	1.02	492	248	0.46	3.6	10.6	740
M354642		4.12	15.75	0.17	1.4	0.193	3.75	10.3	14.1	0.83	821	292	0.07	3.1	10.2	520
M354643		3.24	13.80	0.15	1.4	0.175	3.04	9.0	14.1	0.60	522	240	0.04	2.0	5.5	260
M354644		2.96	14.55	0.15	1.6	0.154	3.87	20.1	14.3	0.48	321	29.0	0.08	2.9	3.6	190
M354645		3.35	14.50	0.18	1.6	0.151	3.83	20.2	14.4	0.50	341	28.3	0.08	3.3	4.0	210
M354646		2.64	15.00	0.18	1.5	0.076	2.98	15.0	21.8	0.76	539	18.65	0.04	4.3	4.3	440
M354647		4.51	20.6	0.25	0.9	0.084	2.36	22.5	33.7	1.57	299	17.40	0.89	7.8	6.0	870
M354648		5.30	18.60	0.23	0.8	0.142	2.34	21.1	32.3	1.70	428	29.9	0.92	6.8	6.0	810
M354649		6.44	17.60	0.23	0.7	0.180	2.04	17.7	22.8	0.94	632	12.40	0.03	5.4	6.3	710
M354650		4.73	19.50	0.15	0.7	0.087	2.33	19.4	28.6	1.02	339	45.1	0.18	6.2	6.2	820
M354651		8.15	13.75	0.23	1.1	4.80	2.34	20.6	35.8	0.64	3140	14.95	0.08	6.6	15.5	450
M354652		5.07	20.9	0.22	0.8	0.070	1.98	18.8	29.7	1.93	391	14.85	1.57	7.4	7.0	850
M354653		4.89	19.80	0.21	0.9	0.086	1.96	21.4	30.7	1.66	567	12.15	0.83	7.3	6.6	890
M354654		3.89	20.6	0.20	0.8	0.186	1.82	28.4	28.8	1.39	597	21.9	1.02	8.0	5.7	1020
M354655		3.95	19.80	0.22	0.8	0.082	2.03	39.6	24.8	1.36	416	15.35	1.11	6.7	4.5	910
M354656		4.07	20.2	0.22	1.1	0.052	1.89	28.5	27.5	1.74	454	14.55	1.85	7.9	5.5	970
M354657		5.89	20.1	0.25	0.9	0.214	2.16	23.9	44.4	2.07	1240	11.65	0.95	7.6	7.0	1150

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354622		19.9	143.0	0.006	1.47	89.8	6.7	2	5.8	127.0	0.62	0.06	10.8	0.227	2.28	5.9
M354623		7.9	138.0	0.002	0.16	8.24	7.1	1	1.2	135.5	0.74	<0.05	10.2	0.276	2.49	5.6
M354624		8.4	135.5	<0.002	0.15	8.36	7.2	1	1.2	134.0	0.77	<0.05	10.1	0.284	2.55	6.2
M354625		12.5	153.5	<0.002	0.56	11.55	7.2	1	1.2	135.0	0.76	<0.05	10.3	0.279	2.73	5.5
M354626		142.5	113.5	0.009	3.93	214	16.7	4	7.5	285	0.37	0.34	5.1	0.374	2.43	5.3
M354627		2.1	2.0	<0.002	<0.01	0.40	0.3	1	<0.2	47.5	<0.05	<0.05	0.2	<0.005	0.02	0.7
M354628		36.1	140.0	0.014	2.18	109.5	9.2	2	4.4	82.2	0.49	0.09	16.7	0.204	2.58	5.0
M354629		35.4	147.0	0.009	1.88	36.5	3.3	2	4.5	42.7	0.48	<0.05	25.0	0.067	2.61	4.3
M354630		54.6	123.5	0.022	2.21	95.8	3.0	3	7.2	36.6	0.30	0.08	19.4	0.075	1.99	2.9
M354631		105.5	121.0	0.062	4.38	50.3	5.7	6	6.9	56.2	0.24	0.09	10.9	0.129	2.09	2.9
M354632		38.5	136.0	0.048	2.76	102.5	10.2	4	4.3	97.0	0.31	0.05	12.0	0.179	2.23	3.2
M354633		>10000	128.5	0.002	7.18	228	7.7	2	8.3	131.5	0.49	0.45	9.8	0.190	2.11	6.0
M354634		44.6	99.4	0.050	2.57	8.94	5.0	5	5.0	115.5	0.22	0.07	13.7	0.124	2.58	3.8
M354635		34.2	139.5	0.039	2.51	5.55	1.2	3	5.5	69.7	0.15	0.07	13.6	0.085	2.30	3.5
M354636		29.3	125.5	0.026	2.70	14.70	6.2	4	6.7	99.1	0.25	0.07	14.3	0.134	2.24	4.1
M354637		130.5	172.5	0.037	8.01	8.49	9.2	5	20.4	46.5	0.24	0.21	12.9	0.151	2.07	4.2
M354638		33.7	153.5	0.055	3.27	29.0	6.9	4	5.0	83.4	0.27	0.19	14.0	0.138	2.38	4.5
M354639		90.0	173.0	0.039	4.76	13.55	12.2	4	8.8	96.8	0.33	0.12	14.0	0.181	2.74	4.5
M354640		1.6	2.6	<0.002	0.01	0.19	0.4	1	<0.2	42.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M354641		43.8	167.5	0.086	3.68	5.79	12.2	4	9.1	186.0	0.31	0.09	13.6	0.174	2.54	3.6
M354642		46.2	159.0	0.103	3.40	10.75	8.8	4	6.7	78.9	0.27	0.08	14.4	0.146	2.45	3.6
M354643		68.8	143.5	0.107	2.83	9.91	2.1	4	6.4	37.2	0.18	0.09	14.1	0.089	2.40	3.0
M354644		38.6	153.5	0.017	2.51	33.0	2.4	3	7.8	59.7	0.38	0.09	20.4	0.063	2.18	3.6
M354645		43.7	157.5	0.018	2.87	36.4	2.6	3	7.7	61.2	0.41	0.08	21.0	0.067	2.15	4.0
M354646		49.5	132.5	0.010	1.92	85.5	6.8	3	4.8	58.7	0.45	0.05	18.4	0.143	2.24	4.4
M354647		132.5	87.9	0.009	1.72	9.37	16.3	3	3.6	368	0.52	<0.05	8.6	0.398	1.51	3.3
M354648		190.5	101.0	0.008	2.75	3.70	15.7	3	4.3	355	0.46	0.05	7.9	0.356	1.69	2.6
M354649		86.9	92.5	0.008	5.38	12.80	13.6	6	4.9	73.1	0.35	0.08	7.0	0.323	1.68	2.6
M354650		44.0	92.9	0.035	3.22	8.85	14.7	4	4.3	662	0.42	0.06	7.1	0.363	1.81	2.3
M354651		9880	138.0	0.002	7.06	227	7.8	2	8.4	130.5	0.47	0.43	10.2	0.187	2.12	5.6
M354652		40.1	75.4	0.006	2.10	2.47	17.0	3	3.8	424	0.48	0.05	7.2	0.398	1.28	2.5
M354653		109.0	78.2	0.003	1.78	6.51	17.1	3	3.8	292	0.48	0.06	7.7	0.417	1.33	2.5
M354654		43.3	68.2	0.009	1.37	7.27	17.6	3	3.8	922	0.51	<0.05	7.3	0.450	1.37	2.8
M354655		157.5	65.4	0.009	1.79	4.34	14.8	3	4.5	998	0.46	0.05	8.1	0.364	1.37	3.0
M354656		27.4	68.1	0.005	1.12	3.26	17.3	3	3.7	707	0.59	0.05	11.2	0.419	1.12	3.5
M354657		893	89.0	0.007	2.37	3.26	20.6	3	5.0	1140	0.45	0.05	6.5	0.461	1.93	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220540

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M354622		56	4.3	11.3	107	96.5			
M354623		58	2.2	13.7	88	129.0			
M354624		59	2.2	14.0	85	133.0			
M354625		58	3.2	13.9	73	130.0			
M354626		133	11.2	17.0	394	40.9			
M354627		2	<0.1	1.1	18	0.5			
M354628		72	6.5	10.7	96	42.5			
M354629		25	3.0	6.4	61	54.2			
M354630		46	6.2	4.8	189	48.2			
M354631		59	10.2	7.2	213	47.3			
M354632		66	6.8	8.1	178	45.7			
M354633		53	4.5	10.7	>10000	37.2	120	0.985	1.600
M354634		59	8.3	6.4	100	46.2			
M354635		43	7.5	7.0	60	45.6			
M354636		56	8.1	7.6	68	52.5			
M354637		83	12.8	8.5	215	49.6			
M354638		60	6.4	8.7	94	47.7			
M354639		96	9.0	10.3	187	50.4			
M354640		2	<0.1	0.9	14	<0.5			
M354641		89	6.8	7.8	123	47.2			
M354642		78	6.1	7.5	119	47.9			
M354643		40	5.9	6.8	125	45.5			
M354644		27	4.8	5.7	115	48.0			
M354645		29	5.2	6.0	135	51.0			
M354646		58	6.6	9.4	124	46.1			
M354647		127	8.3	16.6	525	21.5			
M354648		123	7.9	15.6	608	20.5			
M354649		113	12.6	13.9	283	16.5			
M354650		126	8.1	14.1	108	16.6			
M354651		52	4.2	10.3	>10000	35.9	118		1.605
M354652		133	5.7	16.2	101	19.5			
M354653		136	6.7	15.8	176	19.9			
M354654		144	6.1	18.1	545	20.3			
M354655		127	5.9	14.9	279	22.4			
M354656		142	3.7	18.9	85	27.7			
M354657		168	10.0	18.5	1140	24.2			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220540

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

CERTIFICATE WH12220541

Project: Klaza - 134

P.O. No.: Batch 4

This report is for 7 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

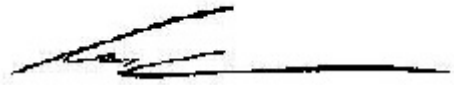
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220541

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354658		6.05	0.056	1.65	7.08	43.7	1420	1.28	0.67	4.46	6.99	51.5	13.8	26	16.85	376
M354659		2.44	0.013	0.34	6.28	37.6	380	1.38	0.35	3.90	0.72	47.6	5.9	9	22.7	32.4
M354660		2.30	0.146	2.23	7.06	107.0	1220	1.44	1.81	4.17	25.7	51.7	15.5	27	22.0	363
M354661		3.69	<0.005	0.05	0.09	<5	30	0.06	0.04	21.3	0.14	1.47	1.5	<1	0.27	3.1
M354662		4.30	0.035	0.79	7.17	20.9	1140	1.30	0.31	3.94	1.25	51.3	17.3	32	8.93	489
M354663		4.41	0.031	0.96	6.32	20.4	1110	1.28	0.55	4.11	1.20	46.7	17.0	31	11.45	455
M354664		7.26	0.032	1.16	6.73	15.6	1370	1.35	0.56	2.35	3.06	36.0	13.3	69	8.79	637

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354658		5.26	18.55	0.16	0.9	0.159	1.82	25.6	30.3	1.88	974	9.84	1.28	6.4	6.2	1140
M354659		2.60	18.50	0.13	3.0	0.058	2.68	24.0	17.7	1.27	656	1.96	0.10	9.5	4.2	710
M354660		4.89	20.4	0.17	1.0	0.455	2.47	25.8	14.2	1.75	843	14.90	0.76	7.1	6.9	1180
M354661		0.47	0.39	0.06	<0.1	0.006	0.03	0.7	1.1	11.35	214	0.15	0.01	0.4	3.3	160
M354662		4.91	22.3	0.18	1.0	0.066	1.60	23.4	21.6	2.32	591	12.85	1.97	7.3	7.4	1250
M354663		4.94	20.9	0.15	0.9	0.083	1.61	21.7	25.5	2.16	594	26.3	1.57	6.7	7.5	1190
M354664		3.12	18.60	0.12	1.7	0.086	2.34	18.5	17.3	1.45	313	9.89	1.78	7.9	25.6	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220541

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M354658		343	74.4	0.004	1.60	4.41	20.7	3	4.7	1340	0.38	0.06	5.9	0.457	1.49	2.3
M354659		33.6	106.0	<0.002	0.34	12.30	8.1	1	1.6	102.0	0.69	<0.05	8.6	0.280	2.63	4.2
M354660		1235	90.3	0.004	2.31	7.35	22.1	3	5.5	396	0.42	0.10	6.0	0.488	2.27	2.1
M354661		4.9	1.6	<0.002	0.01	0.10	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M354662		55.2	52.7	0.004	1.11	1.58	24.7	3	4.3	895	0.42	0.06	6.1	0.524	1.13	1.9
M354663		56.0	58.4	0.008	1.55	1.60	22.4	3	5.2	758	0.41	0.08	5.7	0.497	1.28	2.0
M354664		129.0	89.2	0.004	1.37	0.96	10.7	3	3.3	465	0.62	0.07	9.5	0.239	1.41	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220541

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M354658		165	6.2	17.9	682	21.5
M354659		71	4.7	14.3	111	110.5
M354660		178	4.5	18.2	1870	24.7
M354661		2	0.1	0.8	22	0.6
M354662		190	2.8	22.4	153	20.9
M354663		185	5.5	19.4	165	20.1
M354664		78	6.4	11.5	263	52.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-SEP-2012
Account: ROCKHA

Project: Klaza - 134

CERTIFICATE OF ANALYSIS WH12220541

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223860

Project: Klaza-133

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

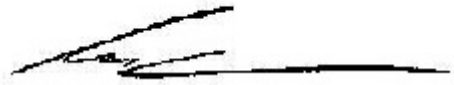
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223860

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356354		2.97	0.657	>100	7.74	1785	280	1.92	3.34	1.21	45.9	62.3	60.4	7	19.05	577
M356355		3.08	<0.005	0.47	0.08	11	30	0.07	0.02	21.0	0.14	1.57	1.5	<1	0.37	2.6
M356356		3.86	0.009	0.58	9.29	35.2	2520	2.53	0.90	2.56	0.17	58.4	15.2	7	31.3	10.5
M356357		3.82	0.014	0.59	6.61	22.0	570	1.33	1.07	3.88	1.80	66.0	19.0	6	8.25	8.5
M356358		6.88	0.006	0.51	6.18	8.9	1270	1.32	0.81	3.00	0.67	36.8	11.5	9	9.51	3.4
M356359		6.46	0.006	0.45	6.64	13.3	2320	1.65	0.51	2.52	3.90	45.5	7.3	9	14.70	13.5
M356360		0.26	4.53	>100	5.14	7200	140	1.19	61.5	1.91	226	35.7	9.8	17	12.25	1230
M356361		2.94	0.020	0.69	6.69	62.5	1660	1.56	0.45	2.47	2.66	43.5	6.2	9	15.65	8.4
M356362		7.73	<0.005	0.17	6.49	12.9	1750	1.63	0.48	2.34	0.20	42.7	7.1	7	14.75	9.2
M356363		2.92	0.348	4.80	5.57	99.3	1010	1.24	0.94	1.97	42.1	45.0	7.3	7	15.30	50.3
M356364		8.53	0.005	0.20	6.60	9.1	2140	1.44	0.43	2.52	0.25	45.0	7.6	11	16.90	4.7
M356365		<0.02	<0.005	0.18	6.13	8.1	2070	1.37	0.43	2.43	0.24	43.6	7.2	9	16.65	4.2
M356366		8.66	0.011	0.27	7.18	9.8	2220	1.44	0.49	2.39	0.34	50.1	7.3	11	9.32	6.4
M356367		2.66	0.039	1.10	7.19	17.0	2090	1.49	1.84	2.45	0.75	51.5	7.5	8	13.65	11.0
M356368		5.91	<0.005	0.13	6.39	8.1	1650	1.39	0.32	2.92	0.22	44.5	9.0	9	15.80	3.8
M356369		2.94	0.019	1.05	6.55	46.6	1310	1.37	0.41	2.76	16.60	64.1	11.8	7	12.00	4.2
M356370		2.96	0.972	16.00	6.35	5440	950	1.56	5.65	2.91	34.3	83.2	8.4	8	16.75	103.0
M356371		3.60	<0.005	0.02	0.06	<5	20	0.06	0.02	21.1	0.09	1.32	1.6	<1	0.20	1.8
M356372		4.53	0.211	1.86	7.49	48.4	1830	1.29	1.57	5.26	46.5	136.0	7.9	4	14.65	18.4
M356373		2.00	0.444	7.16	6.64	1430	750	1.29	3.85	2.05	70.8	48.8	6.3	6	13.90	58.8
M356374		5.38	<0.005	0.13	6.72	9.5	2030	1.35	0.37	2.32	0.59	45.4	5.8	8	13.85	4.7
M356375		7.80	0.005	0.33	6.46	13.2	1870	1.42	0.41	2.29	1.10	48.1	6.0	10	14.95	8.5
M356376		2.58	0.025	1.84	6.77	8.1	1980	1.46	0.41	2.38	26.7	50.7	5.1	9	15.65	39.1
M356377		4.94	0.021	0.53	6.14	13.8	1800	1.38	0.48	2.20	6.46	43.6	5.6	8	15.45	6.9
M356378		4.18	0.053	1.54	7.12	175.5	910	1.43	0.59	2.08	8.51	53.8	6.3	7	19.05	25.0
M356379		0.26	4.43	>100	4.98	7300	140	1.08	62.1	1.88	224	35.6	9.7	17	11.90	1235
M356380		4.28	0.020	0.27	6.12	26.6	1880	1.54	0.32	2.55	0.29	43.1	5.9	9	14.60	13.1
M356381		2.90	<0.005	0.20	6.01	8.8	2010	1.38	0.50	2.43	0.21	41.9	8.3	7	12.70	8.8
M356382		5.52	0.075	1.04	6.43	58.2	1920	1.36	0.56	2.41	12.25	38.6	8.8	7	15.65	18.8
M356383		2.84	0.100	3.15	6.50	235	930	1.47	1.02	1.74	28.8	47.8	8.9	6	19.15	35.6
M356384		5.36	0.006	0.41	6.58	16.8	1090	1.31	0.52	2.11	0.31	47.6	6.1	6	24.4	9.3
M356385		2.21	0.006	0.36	6.89	17.5	1690	1.35	0.45	2.06	0.24	48.7	7.4	6	24.8	8.4
M356386		3.44	0.009	0.39	6.88	24.7	1310	1.80	0.29	2.29	0.74	46.7	6.5	6	20.0	8.6
M356387		4.15	0.148	5.29	5.18	92.0	840	1.22	0.92	1.81	81.0	37.9	7.8	7	11.55	28.3
M356388		4.26	0.010	0.97	6.64	19.3	990	1.60	0.59	2.16	6.23	51.0	11.9	5	17.50	6.4
M356389		6.03	0.154	3.78	6.56	871	650	1.36	1.78	1.17	27.5	49.1	7.9	6	16.00	24.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223860

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356354		5.27	20.9	0.20	1.2	0.568	3.35	36.1	24.4	0.48	637	8.49	0.05	8.8	5.9	590
M356355		0.47	0.38	0.06	<0.1	<0.005	0.03	0.8	1.1	11.65	205	0.12	0.01	0.4	2.8	180
M356356		2.78	33.3	0.18	1.6	0.107	3.40	29.8	300	0.74	717	5.20	0.06	12.1	4.3	830
M356357		3.15	20.0	0.15	1.0	0.177	3.26	36.7	30.6	0.87	766	3.40	0.08	6.0	2.3	520
M356358		2.73	16.60	0.11	1.0	0.038	2.46	18.7	53.2	0.76	629	1.90	0.85	6.3	2.4	520
M356359		3.06	17.80	0.13	1.2	0.088	2.70	22.9	26.3	0.72	733	1.05	1.48	8.3	2.6	540
M356360		7.63	14.15	0.20	1.1	4.97	2.19	18.4	34.7	0.61	3000	15.25	0.09	6.0	15.6	440
M356361		3.06	17.10	0.11	1.1	0.092	2.66	22.4	45.8	0.69	1160	0.82	1.08	7.8	2.5	540
M356362		2.57	17.80	0.12	1.0	0.035	2.39	21.4	182.0	0.60	629	0.61	0.60	7.8	2.5	560
M356363		3.92	15.05	0.12	0.9	0.896	2.45	24.9	34.7	0.78	3110	1.12	0.03	6.4	2.2	400
M356364		2.86	17.70	0.12	1.1	0.041	2.35	22.4	45.3	0.74	619	0.75	1.96	8.1	2.6	550
M356365		2.73	16.70	0.13	1.0	0.041	2.27	21.6	43.2	0.71	600	0.85	1.81	7.8	2.4	520
M356366		2.84	17.70	0.14	1.1	0.038	2.58	25.9	15.9	0.77	563	2.17	2.26	8.3	2.6	560
M356367		2.81	18.05	0.16	1.1	0.043	2.63	27.2	16.9	0.77	492	3.24	2.29	8.5	2.7	570
M356368		2.55	17.10	0.14	1.1	0.037	2.07	21.8	11.3	0.65	481	1.37	2.09	8.1	4.2	540
M356369		2.30	16.75	0.14	1.1	0.128	2.66	35.3	16.4	0.70	1040	3.62	0.62	7.4	2.5	510
M356370		2.80	17.30	0.16	1.1	0.662	2.44	46.5	35.7	0.74	2430	0.66	0.41	7.6	2.2	530
M356371		0.48	0.35	0.10	<0.1	<0.005	0.02	0.7	1.0	11.90	212	0.10	0.01	0.3	3.7	160
M356372		3.11	22.1	0.18	2.4	1.075	0.95	77.2	20.9	1.67	1030	0.39	2.03	6.0	3.2	1170
M356373		3.68	17.90	0.16	1.2	1.730	3.15	27.1	28.3	0.80	1100	0.96	0.07	6.8	2.6	590
M356374		2.83	17.75	0.13	1.1	0.045	2.59	22.9	26.2	0.68	531	0.55	1.38	8.4	2.5	580
M356375		3.16	16.80	0.14	1.2	0.071	2.56	24.7	17.3	0.75	757	2.54	1.73	7.9	2.5	530
M356376		3.07	17.75	0.13	1.2	0.517	2.72	26.3	14.1	0.75	712	0.92	1.86	8.5	2.5	550
M356377		3.52	16.35	0.15	1.1	0.158	2.87	21.9	20.4	0.65	929	0.98	1.23	7.9	2.3	510
M356378		3.57	16.50	0.14	1.3	0.155	2.87	29.8	49.7	0.76	1340	0.91	0.17	8.1	2.4	500
M356379		7.49	13.65	0.20	1.0	4.74	2.19	18.0	33.1	0.60	2980	14.85	0.08	5.9	15.3	420
M356380		2.95	15.75	0.14	1.1	0.040	2.68	21.0	25.7	0.74	746	1.08	1.55	8.7	2.3	550
M356381		2.66	15.30	0.12	1.0	0.031	2.47	21.1	10.4	0.68	500	1.13	1.78	8.1	2.2	520
M356382		3.26	15.25	0.15	1.0	0.178	2.86	19.1	22.1	0.70	986	0.68	0.77	8.0	2.2	530
M356383		4.13	15.20	0.15	0.9	0.219	2.80	26.7	29.4	0.73	1440	3.59	0.07	7.4	2.5	490
M356384		2.59	15.35	0.13	1.2	0.040	2.45	24.5	197.5	0.71	735	1.13	0.04	8.7	2.1	580
M356385		2.50	15.60	0.13	1.2	0.040	2.48	25.7	208	0.70	715	0.95	0.04	8.6	2.1	530
M356386		2.68	15.95	0.13	1.1	0.046	2.26	24.4	510	0.80	1000	1.23	0.04	8.0	2.4	560
M356387		3.02	13.10	0.13	0.8	0.887	2.42	20.6	29.3	0.69	1440	15.00	0.05	6.1	2.0	430
M356388		2.97	15.20	0.15	1.1	0.107	2.48	28.3	205	0.80	1080	2.98	0.04	7.8	2.4	500
M356389		3.71	15.30	0.15	1.1	0.277	2.91	26.2	28.9	0.57	999	21.3	0.04	6.5	2.5	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223860

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356354		>10000	184.0	<0.002	6.18	423	12.3	3	4.9	141.0	0.71	0.69	15.3	0.249	3.54	5.4
M356355		161.0	2.0	<0.002	0.02	1.01	0.3	1	<0.2	47.7	<0.05	<0.05	0.2	<0.005	0.06	1.3
M356356		93.6	125.5	0.002	1.39	11.95	14.9	2	3.2	335	1.03	0.18	16.0	0.340	3.84	7.0
M356357		93.5	171.0	<0.002	2.51	4.84	10.3	2	3.9	131.0	0.51	0.18	12.9	0.176	2.71	5.2
M356358		46.0	113.0	<0.002	1.80	3.42	10.2	2	1.9	221	0.51	0.29	11.7	0.191	1.84	4.1
M356359		163.5	113.5	<0.002	0.52	3.41	11.0	2	2.0	569	0.69	0.07	13.4	0.232	1.58	4.2
M356360		9420	129.5	<0.002	6.84	211	8.2	3	9.3	117.5	0.43	0.53	9.3	0.178	2.13	5.2
M356361		320	123.5	<0.002	0.54	5.64	11.0	1	2.5	269	0.62	0.06	13.3	0.232	1.79	4.1
M356362		17.8	97.9	<0.002	0.61	15.00	10.7	2	1.6	250	0.60	0.06	12.9	0.235	1.55	3.7
M356363		1610	157.5	<0.002	1.13	27.8	8.9	2	2.7	99.5	0.51	0.12	13.4	0.182	2.40	4.8
M356364		27.4	91.6	<0.002	0.38	3.70	11.1	2	1.6	350	0.62	0.11	12.9	0.241	1.18	3.5
M356365		24.9	88.8	<0.002	0.36	3.54	10.8	2	1.6	334	0.61	0.12	12.5	0.235	1.13	3.5
M356366		31.5	107.5	<0.002	0.37	1.73	11.2	2	1.6	373	0.65	0.23	14.6	0.243	1.09	4.1
M356367		97.8	109.5	0.003	0.47	2.71	11.4	2	1.6	387	0.65	0.14	14.4	0.247	1.07	4.1
M356368		23.6	74.4	<0.002	0.47	2.01	10.1	2	2.0	354	0.65	0.09	13.4	0.237	0.98	4.0
M356369		399	157.0	0.004	1.19	5.40	10.0	2	3.4	189.5	0.60	0.10	15.5	0.212	2.33	4.5
M356370		4760	142.0	<0.002	1.50	69.7	11.3	2	3.8	178.0	0.60	0.08	13.9	0.216	2.45	3.7
M356371		5.9	1.4	<0.002	0.01	0.08	0.3	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356372		441	43.2	<0.002	0.95	5.36	14.9	2	3.5	1230	0.33	0.17	3.4	0.425	1.18	2.3
M356373		2070	188.0	<0.002	1.83	15.35	10.8	2	3.6	128.5	0.52	0.12	13.5	0.240	2.70	5.0
M356374		34.6	101.5	<0.002	0.30	4.73	11.3	2	1.8	302	0.68	0.07	13.8	0.250	1.31	3.6
M356375		98.4	110.0	<0.002	0.36	3.81	10.7	2	1.9	323	0.64	0.10	15.1	0.231	1.40	4.4
M356376		259	114.5	<0.002	0.35	3.42	10.9	2	1.9	347	0.69	0.06	15.6	0.238	1.47	4.6
M356377		154.5	110.5	<0.002	0.55	4.53	9.7	1	2.1	266	0.65	0.09	13.0	0.222	1.76	4.3
M356378		239	145.5	<0.002	0.97	12.10	10.3	2	3.4	151.0	0.70	0.07	16.3	0.221	2.36	5.8
M356379		9360	128.5	<0.002	6.78	211	7.9	3	8.8	114.0	0.42	0.55	9.0	0.176	2.07	5.0
M356380		29.8	105.5	<0.002	0.63	3.48	10.7	1	1.7	307	0.72	0.12	12.4	0.243	1.57	3.9
M356381		23.6	101.5	<0.002	0.41	2.24	10.3	1	1.4	341	0.62	0.13	11.8	0.236	1.21	3.5
M356382		287	125.5	<0.002	0.75	7.09	10.5	1	2.3	231	0.59	0.09	11.5	0.232	1.83	3.4
M356383		787	170.0	<0.002	1.52	26.5	10.0	1	2.9	122.5	0.57	0.27	12.6	0.207	2.73	5.1
M356384		26.8	104.0	<0.002	0.55	14.65	10.2	1	1.8	218	0.78	0.20	13.8	0.240	1.92	4.9
M356385		28.5	101.0	<0.002	0.52	14.35	10.2	1	1.7	218	0.73	0.17	14.3	0.231	1.78	4.9
M356386		49.9	107.5	<0.002	0.43	20.5	10.5	1	1.9	221	0.62	0.08	13.0	0.235	1.85	4.4
M356387		1520	144.0	0.002	1.42	27.5	8.5	1	2.6	117.0	0.47	0.07	11.4	0.168	2.29	5.4
M356388		210	148.0	<0.002	1.07	18.50	10.0	1	2.4	169.0	0.64	0.20	14.1	0.210	2.31	5.3
M356389		1120	190.0	<0.002	2.36	29.8	9.4	1	3.5	88.0	0.59	0.16	13.8	0.181	2.72	9.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223860

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M356354		83	2.9	12.3	2770	32.1	265	9.09	
M356355		2	0.1	0.8	20	0.5			
M356356		151	2.7	17.3	39	42.0			
M356357		73	1.3	14.1	159	25.9			
M356358		61	1.4	10.9	77	26.7			
M356359		63	2.8	16.3	335	32.9			
M356360		50	4.3	9.6	>10000	33.0	117		1.635
M356361		63	3.2	15.0	225	27.0			
M356362		64	3.1	14.1	54	28.4			
M356363		51	6.2	10.8	2720	21.9			
M356364		66	1.6	15.9	57	28.7			
M356365		63	1.5	15.6	55	26.3			
M356366		64	1.3	17.9	62	28.1			
M356367		66	1.3	18.0	84	29.7			
M356368		63	1.1	15.0	47	28.7			
M356369		58	2.3	14.0	1020	27.9			
M356370		60	2.6	14.6	2050	28.8			
M356371		1	0.1	0.8	17	<0.5			
M356372		144	1.4	19.2	2790	88.9			
M356373		69	4.6	14.6	4260	34.7			
M356374		65	2.4	16.5	76	28.6			
M356375		63	2.8	16.8	125	31.5			
M356376		65	2.2	17.5	1680	30.7			
M356377		61	4.1	14.3	425	29.2			
M356378		58	4.8	14.5	621	32.2			
M356379		51	4.3	9.4	>10000	31.6	113		1.600
M356380		66	2.1	16.7	64	26.3			
M356381		61	1.3	16.2	49	24.9			
M356382		64	2.9	14.9	763	24.2			
M356383		59	6.1	13.7	1740	20.8			
M356384		63	4.3	16.7	57	28.0			
M356385		59	4.3	16.5	49	29.5			
M356386		64	6.4	14.4	87	28.8			
M356387		52	2.7	11.3	4920	20.5			
M356388		57	3.2	15.9	424	25.3			
M356389		55	12.9	12.1	1720	26.6			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223860

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223861

Project: Klaza-133

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

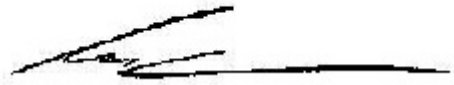
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223861

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M356390		4.91	0.007		0.42	7.10	15.8	1130	1.56	0.42	2.28	0.49	53.5	8.3	7	16.55
M356391		3.41	0.025		0.86	6.35	42.7	1520	1.48	0.55	2.42	2.01	41.2	6.8	7	20.6
M356392		8.23	0.007		0.29	6.59	20.7	1790	1.40	0.26	2.35	0.49	43.5	6.6	7	17.85
M356393		0.24	4.46		>100	4.99	6330	180	1.11	55.0	1.84	205	30.7	9.4	16	11.15
M356394		7.13	0.009		0.24	6.44	24.4	2640	1.47	0.45	2.83	0.36	39.9	9.1	7	17.00
M356395		2.94	0.113		2.90	5.87	322	680	1.48	0.89	1.82	9.19	44.9	8.1	9	18.20
M356396		6.69	0.011		0.33	6.50	112.5	1690	1.56	0.16	2.07	0.23	53.0	6.7	29	20.8
M356397		3.11	1.565		55.3	5.78	5530	860	1.76	2.46	2.33	102.0	45.8	6.0	20	25.4
M356398		4.45	<0.005		0.05	0.13	<5	50	0.09	0.03	20.8	0.15	1.16	1.5	<1	0.29
M356399		7.25	0.025		0.11	6.15	16.0	750	1.98	0.24	3.39	0.13	46.9	6.1	23	33.5
M356400		3.13	0.007		0.48	6.31	65.7	1010	2.05	0.29	2.91	0.69	47.3	6.0	24	27.1
M356401		3.07	0.097		3.93	7.16	211	1040	1.67	1.25	1.91	10.90	56.0	7.0	14	25.7
M356402		5.23	0.070		1.10	6.81	29.7	950	1.50	0.87	1.90	11.10	48.8	10.9	6	12.85
M356403		3.71	0.048		1.09	6.78	18.8	1160	1.46	0.67	2.31	2.58	57.7	15.7	7	9.35
M356404		4.13	0.020		1.32	6.84	53.5	690	1.48	0.72	1.60	9.06	54.2	13.0	7	12.00
M356405		2.76	0.336		8.75	5.95	471	790	1.15	3.07	0.85	59.1	36.5	21.9	7	8.84
M356406		5.97	0.019		0.98	7.07	40.9	790	1.46	0.68	2.40	4.80	50.7	16.5	6	9.11
M356407		<0.02	0.022		0.85	6.55	41.8	840	1.53	0.65	2.35	4.32	50.4	16.8	7	8.90
M356408		3.04	0.294		12.65	6.07	155.5	610	1.23	9.63	2.35	21.1	40.7	44.5	6	8.69
M356409		3.22	0.056		2.15	5.20	90.3	520	1.15	3.28	3.62	1.65	41.8	27.8	5	9.07
M356410		2.54	5.25		8.32	5.11	6930	2180	1.08	4.98	1.19	66.1	27.5	10.7	6	8.56
M356411		4.28	<0.005		0.03	0.09	14	40	0.05	0.04	20.4	0.17	1.19	1.5	<1	0.25
M356412		2.71	0.134		6.70	6.59	90.2	540	1.45	9.88	1.78	4.48	51.5	11.7	8	10.95
M356413		4.08	0.564		5.66	6.58	84.2	510	1.26	9.50	2.28	5.37	55.0	12.4	6	8.08
M356414		8.73	>10.0	24.5	3.39	7.08	13.6	830	1.43	0.94	2.40	3.27	59.2	13.7	7	7.19
M356415		3.98	0.627		14.00	5.78	147.0	160	1.20	10.50	1.95	4.56	36.2	55.1	6	4.78
M356416		2.69	0.054		1.00	6.73	13.1	440	1.46	1.16	3.09	2.05	45.0	30.2	10	5.85
M356417		4.45	0.036		0.68	6.83	54.5	600	1.64	1.11	2.76	1.39	31.4	23.7	22	5.54
M356418		6.73	0.005		0.24	6.95	7.9	1990	1.54	0.93	2.69	0.22	41.8	8.9	8	6.31
M356419		5.76	0.008		0.15	7.74	13.4	2410	1.76	1.15	2.25	0.19	51.5	12.2	10	9.52
M356420		6.16	<0.005		0.09	7.58	8.2	2190	1.89	0.59	2.07	0.20	52.2	6.4	9	9.65
M356421		8.24	<0.005		0.09	7.02	8.4	2000	1.67	0.34	2.24	0.16	48.0	7.0	11	7.61
M356422		0.25	4.57		>100	5.26	7600	340	1.19	62.9	1.83	213	31.0	9.2	17	11.30
M356423		8.16	<0.005		0.13	7.40	12.1	2200	1.80	0.53	2.03	0.21	55.2	5.9	9	6.98
M356424		3.60	<0.005		0.12	7.59	12.3	2260	1.70	0.50	2.10	0.21	54.2	6.2	9	7.48
M356425		7.10	0.031		0.23	7.47	110.5	1990	1.66	0.66	2.58	0.95	48.5	10.1	9	9.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223861

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M356390		4.1	2.06	15.90	0.14	1.1	0.040	2.94	28.2	83.9	0.81	677	1.07	0.05	7.6	2.0
M356391		12.5	2.33	15.60	0.13	1.3	0.059	2.57	20.3	102.0	0.60	524	0.62	0.63	8.2	2.4
M356392		6.8	2.71	16.05	0.14	1.2	0.049	2.66	21.5	43.8	0.72	483	0.67	0.89	8.6	2.2
M356393		1195	7.39	12.55	0.18	1.1	4.71	2.11	15.6	29.5	0.55	2900	15.30	0.07	5.7	13.0
M356394		4.9	2.67	15.65	0.12	1.1	0.052	2.86	19.8	70.8	0.66	638	0.67	0.95	8.0	2.3
M356395		16.3	2.77	14.50	0.13	1.6	0.140	2.40	23.6	54.4	0.70	1080	2.88	0.04	7.5	6.0
M356396		13.7	1.97	18.40	0.14	4.1	0.024	2.16	28.3	246	0.80	524	3.08	0.07	9.2	23.0
M356397		95.1	2.93	17.40	0.15	3.0	0.689	2.11	25.3	85.3	0.73	588	3.94	0.05	8.1	14.4
M356398		2.8	0.48	0.35	0.05	<0.1	<0.005	0.04	0.6	1.7	11.35	210	0.19	0.01	0.3	2.5
M356399		12.6	2.03	17.85	0.13	3.3	0.027	2.47	23.9	108.0	0.90	456	1.25	0.07	9.3	16.0
M356400		13.1	2.01	18.75	0.14	3.7	0.046	2.24	23.8	132.5	0.83	650	1.46	0.06	9.4	17.8
M356401		36.6	2.69	18.05	0.14	2.4	0.226	2.74	30.5	74.6	0.67	816	3.33	0.05	9.3	12.3
M356402		8.9	3.27	16.65	0.18	1.1	0.179	2.90	26.4	148.0	0.74	979	2.64	0.04	7.9	2.7
M356403		5.8	2.53	15.90	0.14	1.0	0.092	2.83	32.0	79.9	0.77	940	0.43	0.09	7.0	2.3
M356404		6.6	3.01	15.60	0.16	1.0	0.155	3.01	30.6	49.0	0.64	1060	3.02	0.06	7.6	2.4
M356405		89.9	4.93	14.55	0.16	0.8	0.834	2.72	18.1	11.0	0.43	1630	4.19	0.04	6.0	2.9
M356406		5.1	3.19	16.35	0.16	1.0	0.103	2.89	27.5	56.9	0.86	1220	0.57	0.11	7.3	2.4
M356407		4.3	3.06	16.10	0.17	0.9	0.100	2.88	26.8	57.2	0.83	1200	0.61	0.10	7.2	2.4
M356408		77.7	3.70	15.05	0.16	0.8	0.263	2.61	21.1	14.4	0.87	1570	10.60	0.08	6.0	2.5
M356409		11.1	4.21	13.85	0.17	0.7	0.138	2.47	22.9	14.0	0.84	1520	24.1	0.05	5.3	2.6
M356410		39.6	6.82	12.85	0.19	0.7	0.556	2.44	13.4	13.4	0.45	1380	15.70	0.02	5.1	2.9
M356411		3.2	0.50	0.31	0.05	<0.1	<0.005	0.04	0.6	1.1	11.40	210	0.26	0.01	0.3	2.0
M356412		157.5	4.13	16.15	0.14	0.9	0.171	2.93	29.2	151.5	0.77	1290	1.27	0.03	7.3	2.5
M356413		91.3	3.78	15.40	0.16	0.9	0.235	3.18	30.5	13.2	0.88	1560	1.42	0.04	6.9	2.4
M356414		14.5	2.33	16.45	0.13	0.9	0.135	2.84	33.4	40.4	0.73	1100	0.78	0.06	6.3	2.5
M356415		261	5.58	14.25	0.18	0.7	0.276	2.82	16.6	8.9	0.60	1230	0.33	0.04	5.6	2.3
M356416		7.8	3.22	16.90	0.06	1.3	0.081	3.12	19.2	30.3	0.79	1420	1.71	0.07	6.3	3.8
M356417		27.7	3.88	18.50	0.08	2.4	0.148	3.16	11.0	20.7	0.88	1480	0.78	0.22	6.4	3.6
M356418		8.7	2.70	15.85	0.08	1.0	0.041	2.31	20.1	8.3	0.65	521	0.35	1.83	7.8	2.5
M356419		12.8	2.97	17.30	0.08	1.0	0.039	2.63	26.2	15.1	0.76	449	0.75	2.38	8.9	3.0
M356420		8.0	2.72	17.60	0.09	1.0	0.048	2.49	26.1	15.7	0.84	514	0.34	2.67	9.1	2.8
M356421		11.7	2.67	16.15	0.09	1.0	0.045	2.35	23.3	12.2	0.78	546	0.83	2.25	8.5	2.6
M356422		1180	7.63	13.15	0.08	1.0	4.72	2.09	15.9	31.1	0.61	2950	14.90	0.08	5.9	13.7
M356423		7.7	2.69	17.05	0.06	1.0	0.037	2.47	28.2	11.4	0.78	493	3.76	2.51	8.7	2.6
M356424		9.3	2.79	17.70	0.07	1.0	0.038	2.52	27.9	11.4	0.81	520	3.20	2.56	9.1	2.8
M356425		15.2	2.88	17.25	0.09	1.0	0.049	2.59	24.4	12.6	0.79	603	2.41	2.11	8.4	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223861

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M356390		540	28.9	153.5	<0.002	0.90	8.67	10.4	1	1.7	141.5	0.64	0.13	14.2	0.211	2.38
M356391		530	95.2	101.5	<0.002	0.58	10.10	9.5	1	1.6	239	0.69	0.11	11.8	0.226	1.72
M356392		560	32.3	95.5	<0.002	0.32	6.81	10.4	1	1.6	251	0.69	0.07	12.3	0.242	1.44
M356393		390	8530	124.0	0.002	6.02	196.0	7.2	2	8.3	112.5	0.41	0.43	7.5	0.170	1.96
M356394		540	28.0	118.5	<0.002	0.91	6.93	10.3	1	1.6	301	0.62	0.15	11.4	0.231	1.71
M356395		450	621	143.0	<0.002	1.63	19.85	8.4	1	2.6	233	0.60	0.12	12.0	0.198	2.38
M356396		590	31.1	86.6	<0.002	0.29	13.30	6.0	1	1.5	588	0.71	<0.05	10.8	0.245	1.68
M356397		540	>10000	107.5	<0.002	1.72	72.2	6.2	1	3.8	323	0.62	0.10	9.5	0.222	1.70
M356398		170	17.9	2.0	<0.002	0.01	0.11	0.3	1	<0.2	45.5	<0.05	<0.05	<0.2	0.006	<0.02
M356399		650	22.4	83.5	<0.002	0.03	7.02	5.7	1	1.6	497	0.68	<0.05	8.9	0.246	1.53
M356400		640	104.5	75.1	<0.002	0.19	16.15	5.8	1	1.7	383	0.72	<0.05	9.2	0.252	1.67
M356401		570	797	140.5	<0.002	1.41	26.7	11.5	1	2.6	384	0.72	0.13	14.1	0.259	2.30
M356402		530	290	176.0	<0.002	1.83	8.65	11.2	1	2.4	155.5	0.61	0.21	13.2	0.218	2.39
M356403		530	292	131.0	<0.002	1.56	7.87	10.4	1	2.1	120.0	0.59	0.11	14.1	0.190	2.11
M356404		530	422	164.0	<0.002	2.02	9.49	10.1	1	2.7	77.8	0.61	0.10	14.5	0.209	2.41
M356405		450	1905	165.0	<0.002	4.58	28.5	10.2	1	3.4	44.1	0.49	0.33	10.9	0.184	2.32
M356406		520	176.0	162.0	<0.002	2.06	6.70	11.0	1	2.5	96.3	0.61	0.16	13.9	0.196	2.32
M356407		510	177.5	154.5	<0.002	1.96	6.49	10.9	1	2.5	93.6	0.59	0.11	14.3	0.193	2.27
M356408		410	2870	163.5	0.002	2.56	23.2	9.3	1	2.3	88.0	0.51	0.24	11.4	0.158	2.43
M356409		370	157.0	158.0	0.002	3.33	23.6	8.2	1	2.3	113.0	0.41	0.21	9.8	0.150	2.34
M356410		370	1205	171.0	<0.002	7.04	51.5	7.2	1	5.3	97.1	0.41	0.24	7.6	0.156	2.52
M356411		160	3.0	2.3	<0.002	0.03	0.15	0.4	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02
M356412		510	261	179.5	<0.002	2.28	38.9	10.5	1	2.6	119.5	0.54	0.31	13.3	0.207	2.52
M356413		510	183.5	192.0	<0.002	2.51	13.15	10.3	1	2.6	80.3	0.56	0.16	13.3	0.197	2.61
M356414		540	115.5	152.5	<0.002	1.25	9.49	10.6	1	2.6	85.4	0.49	0.10	13.1	0.189	2.38
M356415		420	619	190.5	<0.002	5.54	40.8	8.2	1	4.4	55.1	0.42	0.40	9.9	0.162	2.09
M356416		580	221	170.0	0.002	2.19	2.88	10.5	1	2.9	104.0	0.52	0.16	10.4	0.218	2.71
M356417		680	55.4	187.0	<0.002	2.13	7.28	10.2	1	3.1	85.6	0.50	0.20	8.9	0.251	2.60
M356418		530	32.4	104.5	<0.002	1.38	1.94	10.4	1	1.8	291	0.65	0.35	12.6	0.220	1.38
M356419		610	24.8	110.5	<0.002	1.28	1.71	12.9	1	1.7	362	0.72	0.54	13.9	0.261	1.20
M356420		580	22.6	106.0	<0.002	0.45	1.44	11.8	1	1.7	382	0.77	0.18	13.0	0.256	1.09
M356421		550	20.2	103.0	<0.002	0.24	1.38	11.0	1	1.6	341	0.65	0.10	12.6	0.243	1.04
M356422		420	9020	138.5	<0.002	6.60	207	7.6	2	8.5	118.5	0.44	0.50	8.2	0.172	2.06
M356423		570	22.6	107.5	<0.002	0.60	1.45	11.4	1	1.7	367	0.71	0.13	14.2	0.252	1.09
M356424		580	21.8	114.0	<0.002	0.52	1.46	12.1	1	1.9	381	0.70	0.14	13.9	0.253	1.06
M356425		560	40.6	113.0	<0.002	1.18	2.45	11.5	1	1.9	353	0.68	0.23	13.8	0.243	1.32

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223861

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001
M356390		4.8	63	1.7	13.4	70	26.3			
M356391		4.8	61	1.7	13.6	153	30.8			
M356392		4.3	65	2.4	15.5	68	28.6			
M356393		4.3	48	4.3	9.6	>10000	29.5	116		1.620
M356394		3.8	64	2.5	14.8	66	25.4			
M356395		4.5	50	3.6	12.9	611	47.1			
M356396		4.3	48	1.3	12.1	71	144.0			
M356397		3.3	46	2.2	10.5	6380	99.9		2.02	
M356398		0.4	2	0.1	0.9	23	0.7			
M356399		4.1	46	1.1	11.4	61	108.5			
M356400		3.9	48	1.4	11.8	83	121.5			
M356401		5.3	65	4.5	15.0	723	80.1			
M356402		4.5	63	2.3	13.6	703	27.9			
M356403		4.8	57	1.5	12.5	183	24.5			
M356404		5.6	57	2.6	11.9	634	24.4			
M356405		4.5	58	4.3	9.6	3740	19.6			
M356406		4.5	61	1.8	13.4	332	23.1			
M356407		4.3	60	1.8	12.6	309	23.1			
M356408		14.9	56	1.8	12.4	1280	19.4			
M356409		18.3	50	2.5	11.3	134	16.2			
M356410		9.7	49	5.3	8.1	3950	16.7			
M356411		0.6	2	0.1	0.9	23	0.6			
M356412		17.1	59	3.4	12.6	333	22.3			
M356413		5.0	61	2.3	14.6	491	20.0			
M356414		4.4	64	1.4	13.1	359	21.4			
M356415		2.3	50	1.9	10.8	410	16.1			
M356416		3.9	70	1.1	12.7	230	46.1			
M356417		4.4	79	2.1	12.8	149	91.3			
M356418		3.6	64	0.8	12.6	50	29.4			
M356419		4.8	75	1.5	17.6	50	29.1			
M356420		4.0	72	1.4	17.8	53	26.8			
M356421		3.6	67	2.5	16.2	50	27.7			
M356422		5.0	51	4.4	8.8	>10000	32.5	119		1.625
M356423		4.2	69	3.1	17.2	62	27.9			
M356424		4.2	70	3.4	18.4	54	27.9			
M356425		3.8	68	1.9	17.0	102	26.8			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223861

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223862

Project: Klaza-133

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

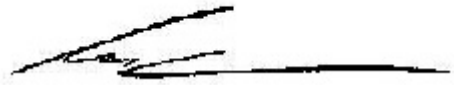
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223862

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356426		7.72	0.006	0.14	7.40	7.1	2800	1.70	0.56	2.66	0.28	44.5	6.7	10	8.63	11.6
M356427		7.32	0.007	0.19	7.22	7.4	1390	1.49	0.83	2.65	0.37	44.3	8.1	10	7.49	11.0
M356428		7.66	0.005	0.17	7.28	8.8	2430	1.32	0.57	2.45	0.30	50.1	6.4	9	7.15	4.3
M356429		8.42	<0.005	0.10	7.38	8.8	2280	1.61	0.39	2.28	0.34	51.2	6.2	10	8.79	4.9
M356430		<0.02	<0.005	0.18	7.47	8.8	2300	1.82	0.39	2.33	0.61	53.7	6.4	13	9.01	5.2
M356431		8.16	0.007	0.23	7.71	8.7	740	1.59	0.77	2.34	0.29	47.9	9.0	9	9.12	19.0
M356432		8.17	0.007	0.23	7.09	8.7	2370	1.55	0.47	2.65	0.41	44.2	7.2	11	11.05	8.7
M356433		5.01	<0.005	0.18	6.84	9.2	2290	1.79	0.37	2.48	0.23	41.6	3.9	11	10.35	4.8
M356434		2.49	0.124	2.45	7.14	117.0	330	1.57	1.37	2.15	2.63	42.0	10.3	8	14.10	14.8
M356435		8.33	0.021	0.31	7.13	100.5	1580	1.87	0.17	2.51	0.15	53.7	6.6	15	16.20	6.8
M356436		0.22	4.45	>100	5.34	6560	730	1.15	66.7	1.98	226	32.0	9.6	18	10.85	1315
M356437		7.81	0.010	0.30	6.81	42.7	4570	2.05	0.18	3.33	0.32	48.9	6.2	14	17.40	4.0
M356438		7.02	<0.005	0.13	6.87	11.4	380	2.00	0.17	3.00	0.18	49.8	6.3	14	17.65	10.5
M356439		3.02	0.391	21.8	6.11	291	490	1.50	8.23	1.74	30.5	46.8	6.6	8	15.75	196.0
M356440		2.98	<0.005	0.20	0.08	<5	50	0.05	0.03	20.8	0.09	1.19	0.6	<1	0.39	1.8
M356441		4.80	<0.005	0.23	7.33	12.0	2250	1.27	0.36	2.15	0.19	39.3	7.0	6	16.40	6.5
M356442		3.96	0.010	0.32	7.38	22.5	2580	1.34	0.30	2.14	1.36	42.7	6.7	6	13.20	17.5
M356443		5.46	0.006	0.26	6.95	20.6	1520	1.48	0.28	2.56	0.26	39.8	8.1	6	15.55	7.7
M356444		3.84	0.062	1.82	7.32	63.9	1400	1.74	0.90	2.45	2.62	49.1	6.3	6	17.25	25.2
M356445		1.52	0.035	0.85	7.29	59.8	1180	1.67	0.51	2.48	1.54	50.3	6.6	6	17.00	23.7
M356446		4.02	0.036	0.91	5.48	97.9	970	1.33	0.93	3.28	1.09	39.5	11.3	6	13.05	12.8
M356447		4.28	0.062	0.55	7.22	95.1	950	1.54	0.80	2.18	0.39	49.4	9.5	8	17.00	5.8
M356448		2.66	0.087	1.44	6.78	64.7	340	1.38	2.35	1.92	2.24	45.5	88.0	6	6.70	13.4
M356449		3.38	<0.005	0.30	7.63	13.1	1530	1.29	0.60	1.87	0.26	51.3	10.8	8	11.05	5.1
M356450		8.42	0.006	0.38	7.17	14.4	700	1.38	0.68	2.76	0.28	42.1	18.2	8	11.85	2.9
M356451		0.25	4.47	>100	5.38	6560	500	1.21	69.4	1.99	228	30.2	9.1	17	10.50	1310
M356452		5.24	0.006	0.60	6.80	10.0	1150	1.43	0.98	2.96	0.27	38.7	9.4	7	9.35	7.0
M356453		4.56	0.006	0.40	6.68	11.9	980	1.54	0.83	3.17	0.88	36.4	13.3	8	11.75	10.4
M356454		5.30	0.020	0.57	7.54	39.9	890	1.55	0.82	4.80	1.06	69.2	12.9	46	15.00	19.5
M356455		3.09	0.010	0.34	6.49	32.4	2120	1.54	0.69	2.71	0.44	41.2	10.3	8	10.50	11.7
M356456		3.63	0.095	4.51	7.05	96.0	520	1.67	8.41	2.42	8.53	52.0	7.2	7	14.95	38.7
M356457		2.98	0.279	6.95	6.52	101.5	410	1.34	1.25	2.63	118.5	42.0	14.5	12	15.05	111.0
M356458		4.74	<0.005	0.04	0.07	6	30	0.05	0.05	20.6	0.13	1.19	0.6	<1	0.45	2.5
M356459		4.60	<0.005	0.17	7.63	12.8	1770	1.35	0.28	4.56	0.37	63.7	20.0	49	15.90	10.2
M356460		4.02	<0.005	0.12	7.09	9.1	2050	1.50	0.39	2.59	0.16	45.6	7.5	9	19.95	7.3
M356461		2.69	0.010	0.22	7.35	20.5	590	1.45	0.65	2.56	0.31	46.3	7.5	7	25.7	9.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223862

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356426		2.95	16.00	0.14	1.2	0.045	2.90	20.9	13.8	0.79	729	0.64	2.06	7.9	2.0	600
M356427		2.78	15.10	0.13	1.1	0.044	2.41	20.3	10.8	0.66	526	0.37	2.44	7.3	1.7	590
M356428		2.73	14.80	0.16	1.1	0.042	2.66	24.2	12.3	0.75	553	0.66	2.23	7.5	1.6	570
M356429		2.77	15.10	0.17	1.3	0.046	2.87	24.6	16.2	0.78	570	0.93	2.39	8.5	1.6	570
M356430		2.80	16.10	0.13	1.4	0.049	2.91	25.7	17.4	0.79	583	1.13	2.41	9.0	1.9	580
M356431		2.95	16.75	0.13	1.0	0.041	2.84	25.0	15.3	0.65	548	1.61	2.16	7.2	2.5	600
M356432		2.78	14.95	0.14	1.1	0.058	2.54	20.7	17.3	0.80	698	0.71	2.42	7.9	2.1	610
M356433		2.62	14.90	0.14	0.9	0.052	2.73	20.3	14.2	0.72	699	0.39	2.18	7.8	1.4	570
M356434		3.76	14.80	0.16	1.2	0.100	2.85	19.3	72.0	0.71	1020	8.51	1.36	7.6	2.5	670
M356435		2.25	16.45	0.16	2.5	0.029	3.09	27.2	141.0	0.86	679	1.81	0.05	10.0	4.6	900
M356436		7.91	12.15	0.13	1.1	4.76	2.38	15.9	32.8	0.62	3100	14.85	0.08	5.6	12.8	460
M356437		2.26	16.90	0.18	2.3	0.031	3.13	23.5	56.5	0.94	636	1.20	0.05	9.9	4.3	820
M356438		2.31	16.60	0.18	2.6	0.026	3.11	23.7	57.2	0.97	694	1.59	0.05	10.1	4.6	880
M356439		4.14	13.35	0.13	1.4	0.779	2.22	24.3	230	0.61	828	3.08	0.04	7.2	2.3	550
M356440		0.49	0.21	0.12	<0.1	0.008	0.04	0.6	1.6	12.65	225	0.14	<0.01	0.2	0.9	170
M356441		2.53	15.15	0.17	0.9	0.040	1.73	18.6	158.5	0.66	737	0.82	0.05	7.9	1.4	620
M356442		2.74	14.95	0.16	1.2	0.062	2.94	20.9	94.5	0.72	673	0.64	0.11	7.8	1.4	580
M356443		2.71	14.35	0.12	1.3	0.037	2.52	19.3	135.5	0.79	900	0.51	0.06	8.2	1.6	610
M356444		2.64	14.80	0.16	1.1	0.068	3.05	24.1	204	0.79	1550	3.12	0.04	7.9	1.5	580
M356445		2.56	14.70	0.15	1.1	0.046	3.12	24.9	166.5	0.80	1700	1.52	0.04	7.7	1.4	580
M356446		2.55	12.00	0.14	0.9	0.045	2.36	20.1	60.3	0.68	912	2.97	0.04	5.6	1.8	460
M356447		3.34	14.90	0.16	1.0	0.065	3.11	24.3	101.5	0.76	1600	1.34	0.05	7.3	2.0	580
M356448		6.27	14.15	0.17	0.8	0.150	3.35	21.4	16.1	0.83	1160	9.91	0.04	6.1	3.9	480
M356449		2.45	16.30	0.15	1.0	0.048	3.33	25.1	48.6	0.62	736	0.49	0.10	8.2	1.8	610
M356450		2.84	15.40	0.13	1.0	0.057	2.83	18.7	97.9	0.87	787	0.42	0.09	7.0	2.0	620
M356451		7.93	12.00	0.12	1.0	4.87	2.38	15.1	32.1	0.63	3140	14.75	0.08	5.7	12.5	460
M356452		3.33	14.35	0.14	0.9	0.037	2.83	17.8	22.4	0.72	647	0.28	1.22	6.5	1.8	570
M356453		3.47	16.10	0.13	1.0	0.071	2.74	16.0	38.9	0.91	806	1.59	1.18	7.1	2.2	570
M356454		5.50	18.20	0.19	2.7	0.141	1.39	32.7	76.6	2.22	1590	0.55	1.82	6.5	3.0	1230
M356455		2.63	14.40	0.15	0.9	0.055	3.13	19.1	21.0	0.66	793	0.29	1.17	7.4	1.7	540
M356456		4.16	15.60	0.16	0.9	0.249	3.39	26.2	69.7	0.86	1900	0.43	0.06	7.6	1.7	560
M356457		3.93	13.60	0.14	1.0	1.075	2.86	20.6	41.4	0.99	1500	0.66	0.54	6.3	1.8	580
M356458		0.46	0.23	0.11	<0.1	<0.005	0.04	0.6	1.5	12.45	214	0.13	0.01	0.3	0.8	170
M356459		5.36	18.85	0.18	2.9	0.088	2.10	26.5	36.3	2.42	1220	1.70	1.53	6.6	3.6	1240
M356460		2.46	15.25	0.18	1.2	0.042	2.80	21.6	77.0	0.66	569	0.45	1.32	7.7	1.7	590
M356461		2.57	16.35	0.07	1.0	0.051	2.64	23.8	76.4	0.87	647	0.28	0.10	8.1	2.5	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223862

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356426		23.6	105.5	<0.002	1.21	2.07	10.8	1	1.6	593	0.57	0.24	11.6	0.244	1.53	3.2
M356427		24.7	89.4	<0.002	1.67	2.11	10.3	1	1.5	595	0.53	0.32	11.9	0.223	1.24	2.8
M356428		26.9	95.6	<0.002	0.76	1.82	10.0	1	1.5	419	0.60	0.10	13.8	0.231	1.17	4.0
M356429		26.2	100.5	0.003	0.43	1.44	9.9	<1	1.5	367	0.67	0.10	13.9	0.239	1.14	4.7
M356430		27.8	101.0	0.003	0.46	1.50	10.6	<1	1.6	371	0.71	0.12	14.1	0.242	1.18	4.6
M356431		30.6	123.5	<0.002	1.76	2.74	11.3	1	1.8	297	0.70	0.26	12.4	0.226	1.49	4.5
M356432		32.2	80.7	0.002	0.92	2.14	10.3	1	1.8	1535	0.62	0.19	12.0	0.252	1.12	3.3
M356433		27.0	91.5	0.003	0.36	2.33	10.0	<1	1.6	503	0.57	0.07	11.1	0.235	1.33	3.0
M356434		846	129.5	0.002	2.37	18.00	10.7	1	2.6	709	0.50	0.27	10.7	0.253	2.13	4.0
M356435		19.4	125.0	0.002	0.34	18.65	6.3	1	1.5	415	0.67	<0.05	9.6	0.249	2.67	4.3
M356436		9860	129.0	0.003	6.97	214	7.4	<1	8.0	121.0	0.40	0.45	8.4	0.184	2.17	4.8
M356437		22.5	116.0	<0.002	0.25	16.90	5.9	<1	1.4	338	0.67	<0.05	9.2	0.238	2.92	4.4
M356438		13.9	119.5	0.002	0.09	17.65	6.2	<1	1.3	271	0.68	<0.05	8.9	0.256	2.92	4.7
M356439		4010	112.5	0.002	2.85	64.1	9.0	<1	2.2	181.0	0.51	0.16	10.6	0.215	1.96	4.4
M356440		5.9	2.1	0.002	<0.01	0.12	0.1	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M356441		38.2	53.6	<0.002	0.34	20.6	10.2	1	1.6	145.0	0.52	0.10	10.4	0.257	1.16	1.7
M356442		33.1	103.5	<0.002	0.47	10.10	10.0	1	2.0	156.5	0.61	0.10	11.9	0.238	1.71	3.2
M356443		20.7	82.4	0.002	0.51	13.80	10.0	1	1.9	171.0	0.61	0.06	11.5	0.252	1.88	2.7
M356444		398	148.5	0.002	1.29	21.5	10.0	<1	1.7	174.0	0.62	0.13	12.8	0.238	2.76	4.4
M356445		126.0	151.5	0.002	1.20	17.35	10.0	1	1.7	158.0	0.59	0.18	13.1	0.232	2.77	4.4
M356446		56.2	126.0	0.002	1.67	32.2	7.8	<1	1.7	162.5	0.42	0.26	11.0	0.171	2.03	6.7
M356447		34.9	167.0	<0.002	1.82	9.09	10.5	<1	2.3	131.5	0.52	0.23	10.9	0.226	2.85	4.9
M356448		86.4	213	0.005	6.06	12.90	11.0	1	4.5	59.0	0.38	0.58	10.8	0.186	2.37	8.7
M356449		23.3	143.0	0.002	1.04	14.35	11.2	1	2.2	115.5	0.55	0.11	12.8	0.251	1.97	3.7
M356450		23.5	116.0	0.002	1.57	7.62	10.3	1	2.0	125.5	0.51	0.12	12.0	0.227	2.20	4.3
M356451		9940	121.0	0.003	7.06	216	7.0	1	7.8	121.5	0.39	0.37	8.2	0.184	2.16	4.7
M356452		24.1	98.8	0.003	1.92	3.11	9.0	<1	1.8	213	0.52	0.24	11.4	0.216	1.60	3.4
M356453		24.3	106.5	0.003	1.95	4.21	9.9	1	1.7	246	0.50	0.20	9.6	0.221	1.94	3.0
M356454		52.2	47.0	<0.002	0.53	6.57	23.9	1	2.9	723	0.36	0.06	6.4	0.518	1.03	2.4
M356455		38.3	131.5	<0.002	0.99	4.26	9.5	<1	1.8	281	0.53	0.14	10.3	0.224	2.00	2.8
M356456		291	172.5	<0.002	1.98	13.30	10.4	<1	2.9	120.0	0.55	0.22	12.6	0.233	3.02	3.7
M356457		2270	121.5	0.002	2.51	19.90	10.4	<1	1.9	239	0.44	0.22	10.4	0.237	2.08	2.8
M356458		3.5	2.3	0.002	<0.01	0.05	0.2	<1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M356459		20.1	64.0	0.002	0.30	4.30	24.1	1	1.4	665	0.37	0.08	6.4	0.523	1.21	1.8
M356460		17.3	92.2	0.002	0.56	5.10	10.2	<1	1.4	325	0.57	0.11	11.9	0.248	1.35	3.0
M356461		19.7	102.0	<0.002	0.98	11.20	12.2	1	1.6	178.0	0.68	0.19	12.7	0.258	1.85	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223862

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356426		72	1.6	15.3	75	28.9		
M356427		64	1.3	13.9	81	27.6		
M356428		67	0.9	14.9	70	27.2		
M356429		65	0.8	16.9	70	30.9		
M356430		67	0.8	17.9	97	32.3		
M356431		64	2.3	15.7	58	27.7		
M356432		72	0.8	14.4	79	25.3		
M356433		66	1.0	13.9	60	24.8		
M356434		73	2.9	14.5	242	32.9		
M356435		57	4.0	11.4	55	89.5		
M356436		53	4.5	9.0	>10000	31.5	119	1.610
M356437		55	1.6	11.1	91	77.6		
M356438		58	1.8	11.5	75	93.0		
M356439		58	3.5	11.6	3050	41.8		
M356440		2	0.1	0.8	20	<0.5		
M356441		67	5.9	12.5	56	22.3		
M356442		67	2.3	13.6	144	28.1		
M356443		70	4.8	13.3	64	29.8		
M356444		66	3.5	13.1	248	28.9		
M356445		66	3.3	13.0	147	28.7		
M356446		53	2.9	10.9	102	23.6		
M356447		67	4.0	12.7	63	23.4		
M356448		66	2.4	10.9	196	22.0		
M356449		72	1.7	14.8	46	26.7		
M356450		70	2.2	12.7	55	22.8		
M356451		53	4.5	8.8	>10000	29.7	120	1.620
M356452		66	1.0	11.7	64	22.0		
M356453		70	1.6	11.9	131	27.6		
M356454		209	5.4	18.6	181	96.8		
M356455		62	1.8	12.5	64	23.8		
M356456		65	4.8	12.9	694	24.0		
M356457		73	3.2	12.1	7570	29.5		
M356458		2	0.1	0.8	23	<0.5		
M356459		207	4.5	17.9	99	103.0		
M356460		72	1.3	13.7	56	29.8		
M356461		73	5.0	14.8	67	28.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223862

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

CERTIFICATE WH12223863

Project: Klaza-133

P.O. No.: Batch 10

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223863

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356462		6.34	0.006	0.16	7.74	9.9	2230	1.77	0.54	1.99	0.23	48.4	7.2	9	16.45	7.3
M356463		3.53	0.007	0.27	7.19	13.3	1320	1.72	0.84	2.63	0.25	40.9	9.7	7	16.75	18.4
M356464		3.14	<0.005	0.12	6.89	11.2	1850	1.72	0.38	2.43	0.29	34.8	5.9	6	19.60	5.7
M356465		6.51	0.017	0.21	7.00	30.8	660	1.67	0.44	2.78	0.26	43.0	7.6	6	22.3	6.8
M356466		5.19	0.045	0.26	7.14	99.8	480	1.60	0.48	3.36	0.24	47.9	6.4	6	20.6	5.1
M356467		2.72	0.249	2.74	5.85	293	570	1.06	1.23	6.00	8.26	38.5	9.6	4	13.10	86.7
M356468		3.93	<0.005	0.04	0.10	<5	30	0.08	0.04	22.3	0.10	1.50	1.3	<1	0.81	20.7
M356469		8.36	0.015	0.42	7.22	139.5	1680	1.61	0.49	2.45	1.60	46.5	7.0	7	16.60	11.3
M356470		7.77	0.005	0.10	7.48	6.3	2110	1.71	0.27	2.11	0.22	44.8	6.7	9	14.50	4.6
M356471		<0.02	<0.005	0.13	7.44	8.7	2110	1.78	0.27	2.13	0.30	45.8	6.8	7	14.30	5.1
M356472		7.96	0.006	0.21	7.74	10.5	2460	1.75	0.69	2.20	0.34	46.0	8.0	8	18.55	5.5
M356473		3.05	0.009	0.26	7.59	8.8	290	1.72	1.02	2.33	0.46	40.9	9.2	6	16.00	11.9
M356474		3.67	<0.005	0.05	0.06	<5	30	<0.05	0.09	20.9	0.08	1.37	1.1	<1	0.20	3.0
M356475		5.19	0.005	0.13	7.65	7.2	2730	1.68	0.77	2.04	0.25	54.7	8.8	9	8.95	7.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223863

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356462		3.22	17.30	0.08	1.2	0.047	2.85	23.9	71.9	0.77	485	0.34	1.27	8.2	2.5	620
M356463		3.23	16.00	0.08	1.0	0.046	2.58	20.9	160.0	0.84	623	0.48	0.58	6.2	2.6	540
M356464		2.81	16.50	0.08	1.1	0.042	2.89	16.9	217	0.67	522	0.24	0.77	8.0	2.1	550
M356465		2.47	15.85	0.08	1.1	0.046	2.67	21.6	214	0.85	942	0.59	0.06	7.6	2.2	590
M356466		2.55	15.80	0.09	1.1	0.059	2.69	24.8	37.0	1.10	1260	0.71	0.05	7.6	2.2	610
M356467		2.60	11.65	0.07	0.9	0.381	2.19	21.2	40.7	0.72	934	1.01	0.04	5.5	1.9	400
M356468		0.53	0.43	0.12	<0.1	0.007	0.04	0.7	1.9	13.85	231	0.11	0.01	0.4	2.5	200
M356469		2.80	15.15	0.09	1.1	0.082	2.66	23.3	32.0	0.74	651	0.56	1.45	7.6	2.1	530
M356470		2.67	15.65	0.12	1.3	0.038	2.76	22.7	25.6	0.71	488	0.78	2.08	8.2	2.2	530
M356471		2.68	16.30	0.09	1.1	0.040	2.74	22.7	25.9	0.75	496	0.83	2.17	8.5	2.3	550
M356472		2.98	17.50	0.09	1.0	0.056	2.86	22.8	195.0	0.59	523	0.41	1.22	7.7	2.3	630
M356473		3.48	18.85	0.08	1.0	0.036	2.92	19.0	151.5	0.66	437	0.81	1.34	4.9	2.5	610
M356474		0.49	0.29	0.09	<0.1	<0.005	0.02	0.7	2.0	13.00	226	0.13	0.01	0.2	1.7	160
M356475		2.88	16.65	0.10	1.2	0.046	2.70	28.4	23.4	0.85	596	0.83	2.33	7.6	2.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223863

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356462		20.1	104.0	<0.002	0.87	6.10	12.9	1	1.9	312	0.70	0.19	13.9	0.269	1.40	4.0
M356463		16.3	104.0	<0.002	1.75	15.00	10.9	1	1.6	212	0.55	0.26	11.9	0.210	1.63	4.0
M356464		19.3	91.7	<0.002	0.34	12.60	10.4	1	1.8	246	0.69	0.09	11.6	0.239	1.53	3.9
M356465		14.5	98.2	<0.002	0.53	14.90	11.5	1	1.9	194.0	0.68	0.10	12.5	0.254	2.18	4.6
M356466		13.4	116.0	<0.002	0.48	22.7	11.2	1	2.0	172.0	0.69	0.11	12.4	0.235	2.23	5.5
M356467		232	115.0	<0.002	1.10	50.7	8.2	1	2.1	177.5	0.49	0.12	11.2	0.170	1.52	8.0
M356468		1.8	3.4	<0.002	0.01	0.11	0.3	1	0.2	56.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M356469		92.5	105.5	<0.002	0.26	6.14	10.2	1	1.9	279	0.70	0.07	13.7	0.237	1.38	4.2
M356470		18.5	111.5	<0.002	0.19	2.46	10.4	1	1.7	347	0.85	0.09	13.1	0.237	1.13	4.7
M356471		20.9	109.5	<0.002	0.19	2.36	10.8	1	1.7	358	0.89	0.06	13.3	0.241	1.14	4.6
M356472		20.0	107.0	<0.002	1.05	10.50	11.8	1	2.0	290	0.65	0.20	11.9	0.255	1.40	3.5
M356473		28.9	96.7	<0.002	2.56	7.42	10.9	2	1.1	476	0.45	0.29	11.1	0.181	1.28	3.4
M356474		2.0	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356475		24.5	101.0	<0.002	1.04	1.85	11.8	1	1.7	427	0.66	0.30	15.3	0.241	1.17	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223863

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356462		77	1.7	14.9	62	31.3
M356463		64	1.9	13.5	61	27.5
M356464		65	1.7	12.5	60	32.1
M356465		74	4.4	13.2	57	29.8
M356466		72	3.9	14.9	49	32.1
M356467		51	3.0	13.3	677	24.5
M356468		3	0.1	1.0	20	0.5
M356469		65	2.0	14.7	198	29.8
M356470		65	1.1	16.5	50	32.1
M356471		65	2.3	17.0	54	30.2
M356472		71	2.5	14.1	69	28.9
M356473		67	1.5	16.1	72	27.9
M356474		2	0.1	0.8	17	<0.5
M356475		69	1.0	17.9	59	34.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29-SEP-2012
Account: ROCKHA

Project: Klaza-133

CERTIFICATE OF ANALYSIS WH12223863

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223864

Project: Klaza-135

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

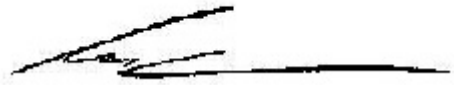
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223864

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356814		4.24	0.006	0.32	8.35	114.0	2620	2.52	0.07	0.32	2.70	58.6	4.9	5	28.3	10.7
M356815		8.43	0.009	0.29	8.41	107.0	3480	2.32	0.15	0.32	2.24	57.3	4.7	5	29.7	12.0
M356816		7.06	0.445	2.07	8.21	583	3130	2.30	0.61	0.43	6.81	53.8	6.5	13	29.3	14.8
M356817		11.62	0.041	1.58	7.32	385	1410	1.84	0.34	1.09	5.12	43.7	5.8	7	18.90	9.4
M356818		0.26	4.56	>100	5.55	7970	240	1.23	67.4	1.90	223	31.7	10.3	17	12.40	1235
M356819		11.53	0.007	0.75	6.34	71.5	1350	1.47	0.06	0.07	2.35	36.4	1.5	4	2.70	2.1
M356820		9.33	0.011	0.76	5.66	94.3	2750	1.58	0.13	0.06	2.21	33.6	2.0	4	3.81	2.5
M356821		6.65	0.006	0.73	7.66	96.1	1150	1.97	0.57	1.34	1.65	46.6	9.8	7	25.1	4.9
M356822		6.81	1.405	>100	7.55	382	1270	1.54	249	0.22	3.96	47.6	8.0	8	16.15	205
M356823		3.91	<0.005	0.34	0.18	<5	50	0.11	0.64	20.9	0.07	1.43	1.5	<1	1.64	2.2
M356824		3.95	0.007	0.68	7.34	35.9	2150	1.49	1.63	2.76	0.37	45.7	9.2	7	21.7	63.7
M356825		7.14	<0.005	0.26	7.68	3.9	2400	1.61	0.71	2.84	0.15	43.7	9.5	9	14.10	23.3
M356826		4.53	<0.005	0.21	7.71	21.5	2140	1.37	0.97	1.98	1.00	46.4	8.2	7	21.8	34.4
M356827		3.36	0.083	2.94	7.45	87.3	1260	1.60	6.72	1.24	0.87	50.2	8.1	8	20.1	90.1
M356828		3.84	0.006	0.94	6.95	16.2	1960	1.74	4.07	2.31	0.14	36.9	8.7	7	17.50	75.6
M356829		11.51	<0.005	0.14	7.34	17.2	2000	1.59	0.34	2.75	0.11	46.1	9.8	9	15.90	7.1
M356830		<0.02	<0.005	0.14	7.00	17.5	2020	1.52	0.39	2.79	0.11	40.4	9.7	8	15.20	7.0
M356831		12.20	<0.005	0.11	7.28	8.4	2020	1.51	0.25	2.77	0.09	38.2	8.7	10	12.15	11.1
M356832		12.12	<0.005	0.14	6.95	16.7	1720	1.57	0.26	2.76	0.17	35.2	9.7	8	15.70	10.2
M356833		11.56	0.021	0.08	7.28	5.5	2180	1.42	0.26	2.70	0.11	41.5	9.1	10	8.69	7.2
M356834		4.97	0.005	0.18	6.51	19.5	1110	1.31	0.29	3.59	0.12	38.2	7.4	7	17.80	5.3
M356835		0.26	4.34	>100	5.03	8320	230	1.05	60.1	1.89	227	30.0	8.7	17	11.45	1255
M356836		13.46	<0.005	0.12	7.39	9.1	2080	1.50	0.23	3.21	0.12	46.2	8.9	11	14.60	10.8
M356837		5.15	0.119	3.01	6.79	347	1010	1.65	2.01	1.93	7.03	45.4	8.1	7	22.9	10.6
M356838		2.91	<0.005	0.04	0.11	6	30	0.05	0.04	20.4	0.11	1.20	1.0	<1	0.34	3.2
M356839		3.88	<0.005	0.16	7.18	18.7	1810	1.54	0.28	2.99	0.11	45.7	7.5	9	22.5	9.7
M356840		3.81	0.010	0.63	7.11	69.9	1180	1.46	0.28	3.67	1.19	50.7	8.4	9	17.60	9.3
M356841		10.19	<0.005	0.16	6.92	4.6	2290	1.31	0.34	2.88	0.15	39.9	7.6	10	10.55	11.9
M356842		5.75	<0.005	0.13	7.37	4.2	2280	1.46	0.46	3.08	0.10	46.7	9.1	11	10.65	16.5
M356843		4.44	<0.005	0.32	6.99	35.2	2870	1.43	0.35	3.36	0.14	44.4	10.0	9	20.4	12.2
M356844		1.79	<0.005	0.22	6.42	23.8	2530	1.31	0.37	2.88	0.14	37.8	8.6	8	19.55	12.3
M356845		10.41	<0.005	0.16	7.34	8.2	2470	1.49	0.41	3.19	0.13	46.8	8.8	9	18.55	11.5
M356846		4.44	<0.005	0.34	6.61	16.8	1170	1.11	0.44	3.54	0.31	34.2	9.8	11	17.40	12.0
M356847		14.00	<0.005	0.13	6.50	5.2	3160	1.35	0.21	2.84	0.08	36.2	8.3	9	11.20	5.0
M356848		4.99	0.006	1.13	6.66	27.8	1780	1.38	0.32	2.44	2.96	45.1	7.8	7	16.15	4.4
M356849		3.84	0.021	1.64	6.43	58.2	760	1.35	0.61	2.39	4.04	45.1	7.5	6	16.70	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223864

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356814		2.92	20.5	0.09	2.1	0.045	2.77	28.8	88.0	0.23	973	4.62	0.05	9.7	2.2	920
M356815		2.58	20.9	0.09	2.0	0.045	2.90	29.2	57.1	0.21	759	4.51	0.06	10.0	2.2	910
M356816		2.85	19.45	0.09	2.2	0.083	2.40	27.0	137.0	0.21	917	5.19	0.04	8.3	4.6	800
M356817		2.52	16.60	0.06	1.4	0.101	1.71	22.7	108.5	0.25	993	27.7	0.04	9.7	2.1	530
M356818		8.07	13.45	0.08	1.0	5.14	2.21	15.4	34.0	0.64	3050	15.70	0.08	5.6	13.9	430
M356819		1.21	14.45	<0.05	2.0	0.021	0.15	19.3	151.5	0.03	583	2.74	0.01	11.4	1.5	320
M356820		1.21	12.00	<0.05	1.8	0.015	0.30	18.3	129.5	0.04	1020	3.05	0.01	10.3	1.1	290
M356821		2.88	17.15	0.07	0.9	0.050	2.96	24.3	26.5	0.43	2150	2.15	0.04	7.5	3.0	600
M356822		6.48	18.25	0.09	0.9	0.539	3.08	27.0	9.5	0.27	2600	1.63	0.03	7.0	2.0	460
M356823		0.52	0.60	<0.05	<0.1	0.005	0.10	0.7	2.7	13.25	221	<0.05	0.01	0.6	4.9	180
M356824		3.48	16.10	0.08	1.0	0.076	2.77	22.6	28.5	0.63	1290	0.73	0.86	7.8	2.7	630
M356825		3.16	17.20	0.09	1.0	0.041	2.61	21.1	12.0	0.84	667	0.63	2.15	8.0	2.9	630
M356826		2.83	16.70	0.09	0.9	0.047	2.75	23.0	44.1	0.57	996	0.42	0.68	7.7	2.4	630
M356827		4.22	17.05	0.08	0.8	0.154	2.89	27.2	35.4	0.55	887	0.85	0.18	7.0	2.5	500
M356828		3.32	16.50	0.07	0.9	0.094	2.62	17.3	36.4	0.70	785	0.98	0.86	7.5	2.6	580
M356829		3.16	16.75	0.09	1.0	0.041	2.55	22.8	30.8	0.97	752	1.34	1.47	7.9	2.9	630
M356830		3.13	16.95	0.09	1.0	0.040	2.59	19.2	31.0	0.93	759	1.70	1.54	8.1	2.8	640
M356831		2.99	16.90	0.09	1.0	0.036	2.53	18.3	13.4	0.86	674	2.40	1.94	7.7	2.8	610
M356832		2.92	17.25	0.08	0.9	0.035	2.57	16.9	27.2	0.82	658	0.98	1.46	7.8	2.7	580
M356833		3.00	17.20	0.09	0.9	0.036	2.50	19.5	12.2	0.88	656	0.92	2.19	7.8	2.8	600
M356834		2.45	15.35	0.09	0.9	0.038	2.44	19.1	50.8	0.93	1030	1.85	0.70	6.9	2.4	520
M356835		7.97	12.95	<0.05	1.1	4.88	2.19	14.2	29.4	0.61	3080	15.00	0.08	5.9	14.5	440
M356836		3.54	17.40	0.21	1.1	0.049	2.65	22.8	26.5	1.02	894	1.68	1.97	8.5	3.2	700
M356837		3.72	15.00	0.18	0.9	0.215	2.87	25.1	23.9	0.69	3340	1.53	0.05	7.0	2.9	530
M356838		0.48	0.36	<0.05	<0.1	0.005	0.05	0.6	1.6	12.55	228	0.11	0.01	0.2	2.4	160
M356839		2.97	16.20	0.21	1.0	0.039	2.57	23.6	66.9	0.85	666	0.75	0.77	8.2	2.8	610
M356840		3.40	15.60	0.21	0.9	0.056	3.01	28.7	35.8	1.18	2600	1.32	0.25	7.4	2.9	570
M356841		2.89	15.85	<0.05	1.1	0.039	2.49	18.0	9.8	0.82	692	1.61	2.11	8.2	2.6	600
M356842		3.39	16.90	0.21	1.0	0.046	2.66	23.5	11.1	0.96	759	2.26	2.18	8.5	2.9	650
M356843		3.31	16.20	0.21	1.0	0.044	2.74	22.8	50.3	0.94	1040	2.66	1.05	7.8	4.2	600
M356844		3.08	15.65	<0.05	1.1	0.040	2.54	17.5	60.9	0.82	957	1.83	1.01	8.1	3.1	600
M356845		3.23	16.75	0.22	0.9	0.040	2.65	24.0	53.8	0.95	860	1.34	1.46	8.0	3.0	660
M356846		3.70	16.10	0.07	1.2	0.047	2.43	15.9	45.2	1.21	901	1.07	1.12	7.2	4.1	880
M356847		2.82	16.25	0.06	1.0	0.037	2.74	17.0	17.2	0.82	708	0.71	1.72	8.2	2.7	600
M356848		3.60	16.05	0.07	1.0	0.154	3.26	22.6	12.8	0.91	3300	1.44	0.04	7.7	2.8	550
M356849		3.29	16.00	0.08	0.9	0.148	2.92	24.0	15.3	0.86	4320	0.98	0.04	6.8	2.7	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223864

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356814		170.5	126.5	<0.002	0.04	8.47	6.6	1	1.6	73.2	0.77	<0.05	10.7	0.291	1.57	5.2
M356815		230	132.0	<0.002	0.06	8.48	6.5	1	1.5	92.2	0.78	<0.05	10.6	0.294	1.67	5.2
M356816		380	123.0	<0.002	0.07	15.00	11.1	1	2.1	131.0	0.66	<0.05	11.3	0.297	1.68	5.1
M356817		416	87.0	<0.002	0.05	18.40	9.7	1	1.9	157.5	0.89	<0.05	11.7	0.221	1.26	3.9
M356818		9480	129.0	<0.002	6.99	217	7.9	2	9.2	125.0	0.46	0.54	8.0	0.180	2.13	4.7
M356819		29.7	8.0	<0.002	0.04	21.7	2.8	1	2.4	170.0	1.32	<0.05	8.5	0.112	0.34	4.2
M356820		32.6	16.2	<0.002	0.06	26.6	2.8	1	1.5	191.0	1.11	<0.05	7.9	0.104	0.37	4.4
M356821		71.4	166.0	<0.002	0.21	16.45	12.4	1	1.7	103.5	0.59	<0.05	12.7	0.259	2.64	3.7
M356822		2400	195.0	<0.002	1.53	46.8	11.8	2	2.6	60.7	0.58	0.93	12.2	0.248	2.87	6.0
M356823		8.5	7.8	<0.002	<0.01	0.18	0.5	1	0.2	46.9	<0.05	<0.05	<0.2	0.005	0.05	0.5
M356824		31.8	115.0	<0.002	0.10	7.71	12.0	1	1.8	229	0.67	<0.05	12.2	0.276	1.85	2.6
M356825		25.3	96.3	<0.002	0.03	1.61	12.5	1	1.8	395	0.69	<0.05	12.3	0.276	1.21	1.6
M356826		20.2	107.0	<0.002	0.07	3.61	12.0	1	1.7	181.0	0.66	<0.05	11.3	0.276	1.43	1.9
M356827		152.0	156.5	<0.002	0.25	25.6	11.9	1	2.3	127.0	0.57	0.06	11.7	0.246	2.08	3.4
M356828		24.1	90.2	<0.002	0.13	4.57	11.3	1	1.6	220	0.64	<0.05	10.0	0.262	1.39	2.6
M356829		17.8	101.0	<0.002	0.11	2.67	13.1	1	1.6	302	0.65	<0.05	11.2	0.282	1.36	3.2
M356830		17.4	85.6	<0.002	0.11	2.71	12.2	1	1.7	309	0.66	<0.05	9.4	0.284	1.34	2.9
M356831		16.1	87.4	<0.002	0.19	2.95	11.6	1	1.5	349	0.63	<0.05	10.4	0.269	1.14	3.0
M356832		17.4	86.4	<0.002	0.27	3.58	11.1	1	1.6	283	0.64	<0.05	9.5	0.271	1.30	2.9
M356833		17.1	83.1	<0.002	0.10	1.35	11.6	1	1.6	385	0.63	<0.05	10.2	0.267	1.07	3.2
M356834		13.2	88.7	<0.002	0.30	10.55	9.9	1	1.6	178.5	0.60	0.05	10.8	0.235	1.68	4.4
M356835		9820	136.0	<0.002	6.97	223	7.3	2	9.0	120.5	0.43	0.53	7.9	0.181	2.14	5.4
M356836		17.9	95.0	<0.002	0.10	3.69	13.4	2	1.8	376	0.71	<0.05	11.5	0.316	1.26	3.9
M356837		512	149.5	<0.002	2.14	19.35	10.7	1	2.1	84.5	0.60	0.07	12.8	0.243	2.19	6.0
M356838		3.7	2.7	<0.002	0.01	0.11	0.3	1	<0.2	41.4	<0.05	<0.05	<0.2	0.006	0.02	0.5
M356839		15.2	96.9	<0.002	0.15	10.05	11.8	2	1.6	228	0.65	0.05	12.5	0.278	1.40	4.3
M356840		46.0	156.0	<0.002	1.01	16.15	11.8	2	1.4	128.0	0.62	0.06	12.8	0.262	2.08	4.5
M356841		19.3	96.8	<0.002	0.20	1.71	10.9	1	1.6	398	0.63	<0.05	11.0	0.265	1.14	3.8
M356842		18.5	97.0	<0.002	0.20	1.95	12.6	2	1.7	395	0.68	<0.05	11.8	0.294	1.11	4.0
M356843		27.4	105.0	<0.002	0.60	12.25	11.9	2	1.6	284	0.65	<0.05	11.7	0.273	3.28	4.1
M356844		20.6	94.5	<0.002	0.64	10.15	11.0	1	1.7	272	0.62	<0.05	10.3	0.260	1.63	4.0
M356845		18.5	114.0	0.002	0.61	4.20	12.9	2	1.7	334	0.65	0.05	12.0	0.287	1.49	3.8
M356846		23.7	97.1	0.003	0.85	4.83	13.5	1	1.5	275	0.49	<0.05	6.9	0.372	1.67	3.5
M356847		16.4	109.5	0.002	0.33	2.77	11.6	1	1.6	410	0.62	<0.05	9.1	0.263	1.48	3.7
M356848		392	169.5	0.009	1.63	7.48	11.9	1	2.3	105.5	0.58	<0.05	11.6	0.241	2.67	6.4
M356849		306	191.5	0.002	1.76	11.25	11.6	1	1.8	65.4	0.51	0.05	12.1	0.217	2.29	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223864

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356814		48	3.2	13.3	271	63.8		
M356815		47	3.3	12.7	270	63.9		
M356816		76	5.4	14.3	515	77.6		
M356817		57	11.4	14.3	430	35.9		
M356818		54	4.5	8.8	>10000	33.0	117	1.595
M356819		14	1.5	12.1	179	48.6		
M356820		15	1.7	11.9	210	45.7		
M356821		74	4.0	14.7	244	23.8		
M356822		72	10.3	9.9	610	22.2	127	
M356823		3	0.1	1.0	15	0.5		
M356824		80	2.9	14.9	124	24.1		
M356825		79	1.0	15.3	64	25.0		
M356826		78	2.0	15.0	175	23.9		
M356827		71	5.1	12.1	344	20.8		
M356828		76	2.0	12.7	85	23.9		
M356829		84	2.4	15.9	56	24.6		
M356830		85	2.2	14.9	56	25.9		
M356831		77	1.5	13.3	52	25.8		
M356832		78	2.5	13.2	55	24.4		
M356833		76	1.6	14.9	49	24.6		
M356834		67	2.0	12.3	47	23.0		
M356835		52	4.2	8.6	>10000	30.1	116	1.605
M356836		94	1.6	18.3	59	29.9		
M356837		69	3.0	13.1	604	24.4		
M356838		4	0.1	0.8	15	<0.5		
M356839		75	3.8	15.7	46	26.2		
M356840		74	2.7	17.5	142	25.0		
M356841		77	1.4	13.8	55	22.5		
M356842		82	1.5	17.4	52	26.3		
M356843		77	0.9	14.2	47	26.1		
M356844		76	0.9	12.1	50	23.2		
M356845		83	1.5	15.6	51	25.2		
M356846		122	1.2	11.5	72	35.1		
M356847		76	1.0	11.8	48	22.8		
M356848		71	1.8	11.3	244	21.1		
M356849		76	2.0	12.5	335	20.3		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223864

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223917

Project: Klaza-135

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

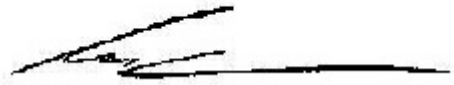
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223917

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356850		5.76	0.047	1.55	6.83	87.9	700	1.51	0.31	2.11	10.70	50.5	8.4	12	17.15	4.1
M356851		12.18	0.008	0.31	6.70	23.4	1680	1.51	0.35	2.86	1.95	39.7	7.9	15	13.45	3.9
M356852		11.24	<0.005	0.06	7.26	10.1	2240	1.51	0.35	2.94	0.14	42.2	9.6	13	7.91	6.1
M356853		6.50	<0.005	0.06	7.22	3.4	2250	1.43	0.27	2.80	0.12	43.3	9.1	15	6.97	3.7
M356854		4.32	0.006	0.21	6.60	134.0	1320	1.60	0.29	3.23	0.91	44.0	8.3	11	18.35	6.3
M356855		0.25	4.63	>100	5.31	7960	1070	1.24	56.8	1.93	220	32.5	9.9	18	11.70	1290
M356856		8.62	0.006	0.14	7.11	10.3	2200	1.51	0.49	2.82	0.23	41.4	8.1	13	10.10	4.6
M356857		4.33	0.055	1.14	6.73	151.0	1720	1.61	0.40	2.67	0.51	40.4	8.7	9	19.20	29.0
M356858		3.61	0.146	9.90	6.13	243	810	1.38	0.34	2.69	13.25	41.5	7.9	9	16.20	28.5
M356859		2.45	<0.005	0.03	0.11	<5	30	0.12	0.03	20.1	0.08	1.31	1.5	<1	0.50	1.8
M356860		11.55	0.010	0.22	7.27	38.0	2230	1.69	0.32	2.91	0.43	44.4	8.7	14	9.40	10.5
M356861		9.22	<0.005	0.18	7.19	9.3	2190	1.53	0.35	2.77	0.13	43.9	8.8	15	7.73	12.6
M356862		3.52	<0.005	0.24	6.92	41.3	2020	1.60	0.41	3.01	0.20	38.5	8.6	12	10.70	11.4
M356863		2.36	<0.005	0.19	6.88	24.6	2070	1.55	0.38	2.90	0.17	39.5	8.8	14	9.19	12.0
M356864		12.75	<0.005	0.10	7.48	3.1	2310	1.47	0.43	2.80	0.11	47.4	9.1	18	6.76	9.3
M356865		12.39	<0.005	0.06	7.01	5.2	2090	1.62	0.35	3.01	0.11	43.7	8.9	14	11.30	4.3
M356866		0.25	4.50	>100	5.19	7850	500	1.26	55.9	1.90	215	30.7	9.9	17	11.40	1270
M356867		11.75	<0.005	0.21	6.97	10.8	2230	1.53	0.26	2.91	0.30	42.9	9.3	14	10.20	7.1
M356868		4.19	0.063	11.45	6.53	160.5	1530	1.49	0.32	3.14	13.20	44.7	9.2	9	17.40	24.6
M356869		2.04	<0.005	0.03	0.08	<5	30	0.07	0.03	19.80	0.07	1.26	1.5	<1	0.30	2.0
M356870		5.33	<0.005	0.20	6.62	20.7	1800	1.53	0.35	2.79	0.18	38.5	8.2	9	27.5	6.9
M356871		5.64	<0.005	0.07	7.12	7.7	2080	1.57	0.16	2.72	0.10	38.9	8.9	11	15.80	7.8
M356872		4.52	<0.005	0.07	7.33	9.1	1760	1.69	0.18	1.91	0.09	42.1	7.0	9	25.0	8.9
M356873		9.10	0.008	0.34	7.26	13.6	1820	1.44	0.62	2.42	0.16	37.4	8.2	10	18.65	7.8
M356874		3.80	0.048	1.11	7.08	28.4	1650	1.71	0.26	2.49	0.86	42.6	9.9	13	25.2	19.3
M356875		6.47	0.025	0.85	6.75	18.3	1710	1.36	0.26	2.90	2.95	46.5	8.0	16	14.25	34.6
M356876		3.76	0.059	1.28	6.05	122.0	960	1.18	0.17	2.14	2.85	37.3	7.4	9	15.45	12.2
M356877		3.51	<0.005	0.14	6.91	11.5	1600	1.20	0.20	1.62	0.20	39.4	8.5	9	16.95	5.5
M356878		9.41	<0.005	0.09	6.73	6.8	1700	1.20	0.17	1.55	0.16	39.4	7.4	9	14.30	5.7
M356879		<0.02	<0.005	0.12	6.81	7.2	1720	1.33	0.20	1.61	0.17	34.6	7.5	12	14.60	6.0
M356880		3.89	0.008	0.30	6.69	27.0	1800	1.30	0.27	1.58	0.26	40.8	8.1	9	18.85	5.6
M356881		11.38	<0.005	0.09	6.80	10.0	1930	1.35	0.18	2.43	0.14	45.2	7.8	14	9.53	4.3
M356882		5.04	<0.005	0.15	6.88	22.8	2020	1.24	0.16	2.58	0.24	42.5	7.5	13	12.45	4.2
M356883		8.42	0.011	0.79	6.69	42.4	1960	1.19	0.23	2.49	0.28	49.0	8.2	15	8.24	6.5
M356884		13.45	<0.005	0.21	6.73	30.3	1790	1.27	0.16	2.42	0.65	42.4	8.3	12	14.25	4.4
M356885		8.47	<0.005	0.13	7.12	8.8	2080	1.30	0.22	2.59	0.17	49.7	8.6	15	7.08	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223917

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356850		3.49	16.00	0.11	1.0	0.240	3.21	28.6	12.9	0.74	4750	1.01	0.03	7.6	3.2	580
M356851		2.84	16.50	0.12	1.0	0.062	3.08	19.0	23.7	0.70	1740	1.42	1.19	8.2	2.7	600
M356852		3.14	17.55	0.12	1.1	0.044	2.64	20.5	11.7	0.93	815	1.14	2.25	8.5	3.0	690
M356853		3.04	17.40	0.12	1.0	0.036	2.66	21.1	12.7	0.90	730	1.13	2.23	8.7	3.3	630
M356854		2.63	15.40	0.12	1.0	0.084	3.25	23.5	19.6	0.91	1240	0.60	0.36	7.9	2.8	600
M356855		7.68	13.40	0.20	1.1	4.81	2.32	17.2	32.1	0.62	3050	14.55	0.08	5.9	14.0	460
M356856		2.97	17.15	0.11	1.1	0.041	2.68	19.9	24.4	0.80	747	1.01	1.98	8.2	3.0	620
M356857		2.83	16.55	0.11	0.9	0.140	3.17	20.5	48.0	0.79	1220	1.33	0.43	8.2	2.8	610
M356858		4.99	14.10	0.14	0.8	0.475	2.82	23.0	43.2	0.96	6650	1.31	0.17	6.8	2.5	510
M356859		0.47	0.35	0.07	<0.1	<0.005	0.05	0.6	1.5	12.60	228	0.11	0.01	0.4	3.0	190
M356860		3.10	17.45	0.12	1.1	0.043	2.78	21.0	13.0	0.87	1050	1.36	1.98	8.7	2.9	650
M356861		2.92	16.95	0.11	1.0	0.034	2.57	21.6	12.5	0.85	731	2.03	2.12	8.4	3.0	610
M356862		2.98	16.80	0.14	1.0	0.035	2.69	18.4	14.7	0.86	910	6.01	1.95	8.4	3.0	670
M356863		2.95	16.95	0.12	1.1	0.036	2.59	18.7	12.7	0.86	789	3.40	2.03	8.4	3.0	620
M356864		3.05	17.45	0.15	1.1	0.038	2.61	24.8	16.3	0.94	701	1.80	2.29	8.6	3.0	660
M356865		2.98	16.85	0.14	1.0	0.039	2.51	21.2	15.2	0.81	749	0.67	2.05	8.5	3.1	630
M356866		7.51	13.35	0.19	1.1	4.76	2.29	16.3	32.6	0.60	3030	14.55	0.08	5.9	13.6	440
M356867		3.03	16.85	0.12	1.1	0.048	2.56	20.4	18.9	0.86	834	0.75	1.82	8.6	3.3	640
M356868		2.51	15.70	0.14	0.9	0.186	2.72	23.5	50.4	0.78	3370	1.25	0.47	7.5	2.7	560
M356869		0.46	0.29	0.06	<0.1	<0.005	0.03	0.6	1.2	12.40	215	0.11	0.01	0.3	2.8	180
M356870		2.39	16.75	0.10	1.0	0.036	2.27	18.6	167.0	0.70	1160	0.87	0.10	8.1	2.7	590
M356871		3.12	17.05	0.13	1.1	0.040	2.65	18.8	21.1	0.77	660	1.08	1.28	8.9	2.9	670
M356872		2.53	16.55	0.13	1.0	0.034	2.42	20.9	56.9	0.62	806	1.11	0.15	7.9	2.2	610
M356873		2.77	18.15	0.14	1.1	0.060	2.65	17.7	41.3	0.71	888	0.72	0.25	8.6	2.6	670
M356874		3.01	16.90	0.15	1.1	0.541	2.66	20.5	38.6	0.82	1320	1.22	0.49	8.6	3.3	660
M356875		2.92	16.25	0.11	1.1	0.965	2.41	21.8	20.9	0.83	922	1.36	1.37	7.5	3.9	590
M356876		3.03	14.15	0.10	0.9	0.174	2.54	18.1	26.2	0.73	3160	2.23	0.06	6.4	2.3	490
M356877		3.00	15.55	0.10	1.0	0.054	2.39	18.7	30.5	0.81	679	0.80	0.31	7.3	2.5	570
M356878		2.47	16.95	0.12	1.3	0.035	2.13	18.5	43.5	0.47	830	0.74	0.13	8.8	2.1	620
M356879		2.54	17.90	0.10	1.2	0.037	2.11	15.3	46.1	0.47	864	0.76	0.12	9.1	2.4	610
M356880		2.75	17.65	0.12	1.1	0.045	2.39	18.2	33.8	0.58	760	0.71	0.24	8.1	2.4	560
M356881		2.83	15.80	0.11	1.1	0.037	2.37	20.3	11.3	0.84	677	0.78	1.95	7.4	2.3	560
M356882		2.93	15.55	0.15	1.0	0.027	2.44	19.6	11.0	0.78	782	0.64	2.01	7.1	2.5	560
M356883		2.87	16.70	0.11	1.0	0.045	2.43	22.9	13.6	0.83	917	0.81	1.88	7.4	2.5	560
M356884		2.73	16.75	0.15	1.0	0.032	2.50	19.7	11.8	0.70	1320	0.81	1.79	7.5	2.6	570
M356885		3.03	17.25	0.13	1.1	0.039	2.42	23.4	11.8	0.90	716	1.23	2.16	8.0	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223917

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356850		360	174.5	<0.002	1.57	11.30	10.8	1	2.1	66.2	0.56	0.05	11.6	0.246	2.43	4.8
M356851		91.4	112.5	<0.002	0.40	4.60	10.6	1	1.8	261	0.63	<0.05	10.3	0.259	1.68	3.7
M356852		19.5	85.0	<0.002	0.21	1.52	11.9	1	1.8	413	0.62	<0.05	10.8	0.295	1.09	3.4
M356853		23.2	84.4	<0.002	0.07	1.10	11.6	1	1.8	416	0.63	<0.05	10.5	0.279	1.07	3.1
M356854		51.0	138.0	<0.002	0.69	8.37	10.5	1	1.7	151.0	0.56	0.16	11.6	0.251	2.27	4.0
M356855		9660	127.5	<0.002	7.00	219	7.5	2	8.9	122.5	0.44	0.48	7.8	0.185	2.13	4.8
M356856		28.7	82.1	<0.002	0.16	2.14	11.2	1	1.8	390	0.65	0.05	9.9	0.275	1.18	3.0
M356857		32.9	110.0	<0.002	0.74	12.30	10.7	1	1.8	190.5	0.56	0.85	9.1	0.269	2.03	2.7
M356858		400	131.5	<0.002	1.97	30.3	9.8	1	1.9	131.0	0.49	1.62	9.5	0.232	1.86	4.4
M356859		1.3	3.0	<0.002	0.01	0.10	0.4	1	<0.2	45.2	<0.05	<0.05	<0.2	0.005	0.03	0.6
M356860		30.2	92.2	<0.002	0.19	3.34	11.3	1	1.8	393	0.65	<0.05	10.3	0.286	1.22	3.5
M356861		20.9	84.4	<0.002	0.07	1.79	11.3	1	1.8	407	0.65	<0.05	10.7	0.276	1.02	3.8
M356862		34.9	85.7	<0.002	0.04	3.64	10.9	1	1.7	376	0.67	<0.05	9.4	0.278	1.16	3.5
M356863		26.6	82.0	<0.002	0.03	2.54	10.7	1	1.8	393	0.64	<0.05	9.4	0.275	1.11	3.3
M356864		17.8	87.8	<0.002	0.01	0.91	12.1	1	1.8	435	0.64	<0.05	11.5	0.284	0.95	3.4
M356865		19.7	81.5	<0.002	0.02	4.18	11.3	1	1.8	403	0.61	<0.05	10.0	0.281	1.06	3.4
M356866		9500	123.5	<0.002	6.82	220	7.4	2	8.7	117.5	0.44	0.53	7.4	0.183	2.12	4.7
M356867		27.3	79.8	<0.002	0.06	6.25	11.3	1	1.8	428	0.64	<0.05	9.7	0.282	1.04	2.9
M356868		480	105.0	<0.002	1.02	33.4	10.3	1	1.9	252	0.58	0.30	9.8	0.249	1.75	3.7
M356869		1.2	1.9	<0.002	<0.01	0.10	0.4	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M356870		23.5	67.7	<0.002	0.16	13.70	10.2	1	1.8	213	0.59	<0.05	9.5	0.270	1.47	3.8
M356871		17.2	84.2	<0.002	0.04	4.97	11.2	1	1.8	357	0.67	<0.05	10.0	0.291	1.16	2.5
M356872		15.6	84.0	<0.002	0.08	13.70	10.8	1	2.1	158.0	0.58	<0.05	11.2	0.276	1.21	2.6
M356873		17.7	79.6	<0.002	0.20	8.64	11.1	1	1.9	180.0	0.65	0.38	9.7	0.288	1.42	2.3
M356874		20.3	92.7	<0.002	0.60	8.40	12.6	1	1.9	248	0.66	1.02	10.9	0.292	1.71	3.8
M356875		23.7	103.0	<0.002	0.40	8.08	11.5	1	1.6	334	0.66	0.45	11.9	0.262	1.30	4.1
M356876		84.5	111.5	<0.002	1.87	14.20	9.6	<1	1.5	112.5	0.55	0.57	10.7	0.228	2.16	4.5
M356877		19.5	84.3	<0.002	0.10	10.40	10.6	<1	1.4	215	0.64	0.06	11.1	0.260	1.28	3.3
M356878		17.3	85.2	<0.002	0.08	13.90	11.8	<1	1.7	130.0	0.76	0.10	12.0	0.278	1.24	2.6
M356879		16.5	82.0	<0.002	0.08	14.35	11.9	1	1.9	134.5	0.79	0.07	10.6	0.281	1.21	2.4
M356880		25.1	97.3	<0.002	0.24	12.60	11.2	<1	1.6	144.5	0.68	0.21	11.7	0.256	1.23	4.1
M356881		21.5	91.4	<0.002	0.03	2.09	11.0	1	1.4	370	0.67	0.05	12.2	0.258	1.05	4.2
M356882		25.3	94.9	<0.002	0.08	2.55	10.2	1	1.4	377	0.61	<0.05	11.0	0.262	1.04	3.8
M356883		31.7	94.0	<0.002	0.18	4.54	11.1	1	1.5	355	0.63	0.15	13.3	0.248	1.11	4.2
M356884		31.4	105.0	<0.002	0.17	4.88	10.6	<1	1.6	334	0.65	0.09	11.5	0.254	1.46	4.2
M356885		22.9	96.0	<0.002	0.02	1.04	11.6	1	1.6	388	0.70	<0.05	13.0	0.263	0.95	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223917

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356850		73	2.1	13.1	870	22.5		
M356851		75	1.3	13.5	194	22.1		
M356852		87	1.2	16.0	60	24.4		
M356853		79	1.2	16.3	59	23.0		
M356854		71	2.1	13.8	127	21.6		
M356855		53	4.5	9.5	>10000	30.5	117	1.565
M356856		79	0.8	15.0	69	23.7		
M356857		77	2.5	13.2	105	21.0		
M356858		66	1.7	13.9	1140	18.0		
M356859		3	0.1	0.9	14	<0.5		
M356860		82	1.2	15.6	89	23.0		
M356861		77	1.4	15.7	59	21.7		
M356862		80	1.4	14.3	67	20.8		
M356863		79	1.1	14.3	61	23.0		
M356864		80	0.8	17.1	53	22.5		
M356865		80	1.0	15.2	59	22.6		
M356866		52	4.4	9.4	>10000	31.3	118	1.595
M356867		79	2.3	15.7	67	23.1		
M356868		70	2.1	14.5	1080	20.7		
M356869		3	0.1	0.8	13	<0.5		
M356870		75	3.1	13.9	57	22.9		
M356871		80	2.5	14.6	55	24.5		
M356872		74	6.0	13.6	46	21.3		
M356873		82	3.4	14.2	63	23.6		
M356874		88	2.3	14.9	183	24.8		
M356875		77	1.7	15.9	519	25.3		
M356876		65	2.1	11.7	324	21.2		
M356877		73	2.3	13.3	64	22.8		
M356878		76	8.7	12.9	53	28.0		
M356879		75	8.6	12.4	56	29.1		
M356880		73	3.8	13.2	63	26.3		
M356881		74	1.1	15.4	56	23.3		
M356882		74	1.0	14.5	64	22.7		
M356883		70	1.5	15.7	68	23.6		
M356884		72	1.6	14.6	92	22.4		
M356885		75	0.8	17.3	53	25.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223917

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223918

Project: Klaza-135

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

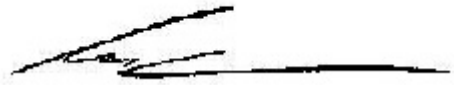
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223918

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356886		4.38	0.091	13.95	6.86	264	1970	1.32	0.15	2.71	5.45	42.1	8.0	14	9.25	16.4
M356887		5.76	<0.005	0.25	6.81	17.8	1900	1.35	0.18	2.87	0.26	35.8	7.9	10	12.35	5.9
M356888		0.26	3.28	>100	5.55	7830	890	0.95	62.3	1.92	217	33.5	9.4	18	11.35	1240
M356889		10.14	<0.005	0.32	6.95	38.3	1730	1.41	0.18	2.65	0.91	36.2	9.4	9	21.0	6.8
M356890		3.84	0.490	43.0	6.63	909	750	1.34	0.45	1.83	75.4	35.2	7.5	7	20.1	58.0
M356891		3.39	<0.005	0.09	0.07	<5	20	<0.05	0.02	20.3	0.11	1.14	1.1	<1	0.28	2.0
M356892		7.90	0.005	0.63	7.52	24.8	1960	1.37	0.17	2.69	1.04	43.4	7.9	9	11.40	12.2
M356893		11.57	<0.005	0.15	7.13	3.7	2100	1.23	0.13	2.70	0.15	39.3	8.1	11	5.65	5.2
M356894		7.23	<0.005	0.10	7.48	9.2	2130	1.36	0.16	2.76	0.23	46.6	8.8	12	6.60	4.3
M356895		4.56	0.023	0.91	7.20	31.6	1570	1.23	0.49	1.92	0.98	36.5	8.3	8	15.65	9.0
M356896		11.37	<0.005	0.19	7.18	10.1	1950	1.37	0.16	2.54	0.54	41.4	8.7	9	14.35	4.7
M356897		7.74	<0.005	0.67	7.28	10.8	1870	1.22	0.26	2.19	0.37	38.5	8.6	11	14.00	6.6
M356898		3.36	0.005	3.26	7.72	11.3	2220	1.31	0.27	2.27	0.52	41.4	9.6	8	14.95	17.4
M356899		8.67	0.006	0.46	7.28	18.8	1580	1.44	0.32	2.50	0.41	44.1	8.8	9	18.25	6.1
M356900		3.99	0.088	2.35	7.27	56.6	1280	1.47	1.07	2.57	2.94	49.2	8.5	8	17.30	9.6
M356901		9.48	0.013	1.53	7.23	114.5	1750	1.43	0.22	2.61	2.19	42.1	9.1	10	13.00	6.9
M356902		4.68	0.030	0.57	7.17	26.0	1980	1.47	0.21	2.69	0.46	41.8	8.6	10	10.50	8.2
M356903		3.43	<0.005	0.02	0.15	<5	30	0.06	0.02	19.70	0.07	1.43	1.5	<1	0.31	2.4
M356904		4.62	0.025	0.68	7.26	12.2	1870	1.35	0.20	2.78	0.49	44.0	7.9	9	11.40	5.8
M356905		8.53	0.008	0.22	6.93	6.0	1930	1.22	0.17	2.58	0.12	41.6	7.8	11	8.42	4.3
M356906		5.59	<0.005	0.09	7.63	2.2	2120	1.35	0.19	2.82	0.12	48.3	9.0	11	6.66	3.6
M356907		8.07	0.005	0.15	7.21	5.9	2150	1.32	0.22	2.80	0.38	40.4	8.5	12	5.51	3.8
M356908		4.08	0.007	0.56	7.08	10.0	1990	1.37	0.45	2.96	0.37	42.3	8.9	10	12.05	5.0
M356909		0.26	4.44	>100	5.51	7750	290	0.97	58.3	1.91	214	33.5	9.6	17	11.95	1240
M356910		8.15	<0.005	0.17	7.53	6.7	2090	1.34	0.22	2.79	0.22	42.2	8.6	11	6.50	6.3
M356911		13.15	0.009	0.61	7.07	10.2	2010	1.40	0.29	2.83	0.26	37.7	9.1	11	14.65	43.6
M356912		4.06	0.007	0.27	7.26	12.4	1940	1.42	0.60	2.66	0.30	39.1	9.1	12	13.25	13.2
M356913		12.77	<0.005	0.10	6.94	3.5	2140	1.40	0.25	2.70	0.14	40.5	9.1	10	6.00	8.7
M356914		7.71	0.012	0.53	7.21	12.5	1950	1.46	0.38	2.50	0.17	44.3	10.0	8	9.42	14.5
M356915		4.58	0.015	0.71	6.52	24.6	1710	1.33	0.35	3.03	0.40	40.1	8.4	7	18.55	19.4
M356916		13.10	<0.005	0.15	7.06	8.0	2050	1.32	0.20	2.27	0.13	42.1	9.4	10	7.57	6.0
M356917		9.89	0.011	0.28	7.06	7.7	2020	1.38	0.23	2.48	0.18	39.7	8.6	9	9.05	8.9
M356918		8.19	<0.005	0.08	7.04	4.9	2060	1.38	0.19	2.61	0.13	37.5	9.0	9	7.45	5.4
M356919		<0.02	<0.005	0.08	7.25	4.4	2110	1.44	0.22	2.70	0.11	44.3	9.4	9	7.90	5.7
M356920		6.92	<0.005	0.18	7.18	21.0	1840	1.40	0.37	2.59	0.10	42.1	8.7	11	9.49	4.9
M356921		10.83	<0.005	0.09	7.18	6.5	2170	1.46	0.19	2.70	0.11	40.9	9.2	13	7.03	7.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223918

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356886		3.17	16.20	0.11	0.9	0.041	2.48	20.0	17.0	0.86	2710	1.21	1.55	7.3	5.3	550
M356887		2.91	16.35	0.11	1.0	0.034	2.51	16.1	16.1	0.80	904	1.29	1.81	7.7	2.8	570
M356888		8.10	13.50	0.16	1.0	4.74	2.22	16.8	32.0	0.62	3030	15.75	0.08	5.6	12.8	420
M356889		2.86	17.05	0.10	1.0	0.040	2.55	16.6	27.6	0.76	911	1.23	1.37	7.8	3.2	590
M356890		3.63	15.10	0.12	0.8	0.204	2.65	16.9	36.4	0.55	1850	1.20	0.56	6.6	2.6	530
M356891		0.47	0.26	<0.05	<0.1	<0.005	0.02	0.6	0.9	12.70	208	0.22	0.01	0.3	2.2	160
M356892		3.10	16.50	0.12	1.0	0.111	2.81	20.6	17.5	0.82	1700	1.14	1.55	7.7	2.6	580
M356893		2.97	16.50	0.11	1.0	0.038	2.39	17.9	11.4	0.88	720	1.29	2.20	7.6	2.8	580
M356894		3.06	17.45	0.12	1.0	0.037	2.49	21.7	12.8	0.91	768	2.06	2.23	8.2	2.9	610
M356895		2.92	17.50	0.12	1.0	0.066	2.56	16.9	31.7	0.60	1000	1.02	0.24	7.8	2.6	590
M356896		3.06	17.40	0.12	0.9	0.040	2.48	19.0	19.7	0.73	787	1.23	1.58	8.0	2.9	600
M356897		3.07	17.15	0.11	1.0	0.049	2.48	17.8	25.3	0.70	749	0.95	0.95	7.9	2.7	620
M356898		3.23	17.95	0.12	1.0	0.053	2.66	19.4	27.4	0.72	822	0.80	0.84	8.2	2.9	640
M356899		2.95	18.15	0.15	1.0	0.051	2.46	21.0	34.5	0.79	1170	0.86	0.62	7.9	2.8	590
M356900		3.06	16.95	0.13	0.9	0.106	2.86	27.5	36.1	0.93	2240	0.86	0.05	7.3	2.7	570
M356901		3.09	18.30	0.14	1.0	0.050	2.59	19.2	20.7	0.83	1880	2.26	1.36	8.3	3.1	620
M356902		3.02	17.10	0.12	0.9	0.098	2.43	19.5	12.3	0.82	1160	0.65	1.75	7.7	2.8	590
M356903		0.50	0.45	0.05	<0.1	0.005	0.05	0.7	1.7	12.40	212	0.22	0.01	0.4	3.1	170
M356904		3.03	16.30	0.12	0.9	0.087	2.43	20.8	11.8	0.84	980	1.04	1.86	7.8	2.7	590
M356905		2.93	16.25	0.11	0.9	0.039	2.27	19.2	13.0	0.79	696	0.95	1.99	7.4	2.7	580
M356906		3.27	17.55	0.12	1.0	0.040	2.35	22.5	13.7	0.99	690	1.69	2.32	8.5	2.9	670
M356907		3.09	17.30	0.12	1.0	0.044	2.40	18.3	12.8	0.89	727	1.22	2.30	7.9	2.8	610
M356908		3.02	18.05	0.12	0.9	0.085	2.41	19.2	11.8	0.83	876	1.58	1.95	8.1	2.9	600
M356909		8.04	13.50	0.19	1.0	4.88	2.22	17.1	32.5	0.62	3020	15.95	0.08	5.7	13.4	430
M356910		3.12	17.45	0.12	1.0	0.063	2.41	20.2	16.8	0.90	679	2.47	2.12	8.1	2.8	640
M356911		3.05	17.70	0.12	0.9	0.122	2.36	16.9	18.9	0.82	846	0.92	1.86	7.9	2.9	610
M356912		3.08	17.45	0.12	0.9	0.099	2.36	18.6	18.2	0.79	776	2.61	1.98	8.0	2.9	620
M356913		3.03	17.30	0.12	0.9	0.034	2.28	18.3	14.7	0.87	668	2.11	2.17	7.7	2.8	590
M356914		3.02	18.10	0.14	1.0	0.053	2.43	20.9	28.0	0.79	717	2.17	1.52	8.3	3.1	570
M356915		2.86	15.45	0.13	0.9	0.085	2.42	19.2	90.9	0.83	1100	1.92	0.80	7.3	2.5	580
M356916		3.06	16.65	0.13	0.9	0.036	2.26	20.6	22.9	0.82	606	1.59	1.68	7.5	3.0	590
M356917		2.89	17.35	0.13	0.9	0.183	2.36	18.4	20.4	0.77	685	1.46	1.74	7.8	2.7	590
M356918		3.01	17.15	0.13	0.9	0.062	2.33	17.7	17.2	0.83	673	0.90	2.01	7.6	2.8	600
M356919		3.09	18.05	0.13	0.9	0.068	2.37	20.8	18.2	0.86	692	1.08	2.04	8.2	2.9	610
M356920		3.00	17.25	0.13	0.9	0.067	2.47	20.5	17.9	0.80	766	1.03	1.80	7.6	2.9	580
M356921		3.12	17.85	0.13	0.9	0.047	2.37	19.0	18.9	0.95	693	1.12	2.23	8.2	3.0	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223918

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356886		341	112.5	<0.002	0.62	92.1	11.1	1	1.7	304	0.59	<0.05	10.6	0.254	1.30	3.8
M356887		22.9	95.5	<0.002	0.08	3.79	10.6	1	1.4	346	0.64	<0.05	9.5	0.266	1.13	3.9
M356888		9450	147.5	<0.002	6.78	209	7.3	2	8.6	121.0	0.43	0.41	8.4	0.185	2.06	5.3
M356889		39.0	96.5	<0.002	0.12	8.81	11.1	1	1.4	303	0.60	<0.05	9.8	0.271	2.40	3.6
M356890		2090	122.5	<0.002	1.91	227	10.3	1	2.1	178.0	0.53	0.18	9.5	0.244	1.65	3.2
M356891		3.6	1.6	<0.002	<0.01	0.27	0.3	1	<0.2	44.5	<0.05	<0.05	0.3	<0.005	<0.02	1.9
M356892		69.1	126.5	<0.002	0.19	6.93	11.5	1	1.5	333	0.62	0.05	11.8	0.273	1.40	4.3
M356893		19.6	84.8	<0.002	0.04	0.94	10.8	1	1.4	399	0.64	<0.05	10.0	0.272	0.84	3.7
M356894		21.8	97.7	<0.002	0.05	1.22	12.6	1	1.5	393	0.65	<0.05	11.8	0.284	0.98	3.9
M356895		46.8	104.0	<0.002	0.50	11.85	11.3	1	1.6	117.0	0.62	0.27	10.4	0.270	1.33	3.1
M356896		28.5	96.9	<0.002	0.08	4.75	12.2	1	1.6	320	0.64	<0.05	10.4	0.283	1.07	3.5
M356897		34.1	96.7	<0.002	0.15	7.78	11.9	1	1.6	239	0.62	0.06	10.0	0.277	1.14	3.2
M356898		53.4	106.0	<0.002	0.18	13.05	12.6	1	1.9	234	0.64	0.10	11.2	0.293	1.21	3.2
M356899		32.6	104.0	<0.002	0.25	9.75	12.7	1	1.6	194.0	0.63	0.12	11.4	0.279	1.43	3.4
M356900		183.0	156.0	<0.002	1.39	16.15	12.3	1	2.0	88.5	0.57	0.98	12.0	0.259	2.36	3.9
M356901		129.5	98.7	<0.002	0.24	7.52	12.6	1	1.8	281	0.65	0.05	10.6	0.287	1.46	4.2
M356902		30.1	95.7	<0.002	0.29	4.73	11.8	1	1.5	345	0.59	0.23	10.1	0.276	1.14	3.7
M356903		1.7	2.4	<0.002	0.01	0.08	0.6	1	<0.2	42.7	<0.05	<0.05	0.2	0.012	<0.02	0.9
M356904		22.1	97.1	<0.002	0.33	7.26	11.5	1	1.5	343	0.60	0.50	11.4	0.274	1.12	3.7
M356905		22.1	84.5	<0.002	0.21	1.45	10.9	1	1.4	363	0.58	0.20	10.2	0.271	0.95	3.3
M356906		19.3	93.6	<0.002	0.02	0.70	12.8	1	1.7	418	0.64	<0.05	11.6	0.296	0.95	3.9
M356907		32.2	80.5	<0.002	0.07	1.09	11.6	1	1.5	414	0.62	0.09	9.5	0.284	0.91	3.4
M356908		26.8	95.2	<0.002	0.20	8.24	12.3	1	1.6	358	0.62	0.31	10.1	0.280	1.07	3.5
M356909		9430	148.0	<0.002	6.72	210	7.5	3	8.9	119.5	0.43	0.45	8.0	0.185	2.00	5.0
M356910		20.3	87.1	<0.002	0.04	1.57	12.1	1	1.6	400	0.61	<0.05	10.3	0.296	0.97	3.5
M356911		20.6	90.1	<0.002	0.13	5.53	12.1	1	1.6	365	0.61	0.13	9.6	0.275	1.16	3.8
M356912		26.3	97.0	<0.002	0.25	2.81	12.4	1	1.6	370	0.61	0.27	10.5	0.280	1.14	3.6
M356913		18.4	81.3	<0.002	0.08	0.70	12.2	1	1.5	405	0.58	<0.05	9.7	0.276	0.90	3.3
M356914		21.8	105.0	<0.002	0.26	2.70	12.3	2	1.6	333	0.66	0.32	12.8	0.272	1.22	4.2
M356915		18.0	110.0	<0.002	0.50	6.21	11.8	1	1.5	242	0.55	0.38	9.5	0.264	1.48	3.3
M356916		16.7	91.5	<0.002	0.07	2.75	11.9	1	1.6	373	0.56	0.06	10.4	0.270	0.93	3.7
M356917		18.8	87.5	<0.002	0.10	3.31	11.8	1	1.6	345	0.60	0.12	10.0	0.275	1.03	3.4
M356918		17.2	86.2	<0.002	0.04	1.89	12.0	1	1.5	386	0.58	<0.05	9.5	0.274	0.94	3.3
M356919		17.7	94.8	<0.002	0.03	1.99	12.8	1	1.6	393	0.61	<0.05	10.9	0.282	0.99	3.5
M356920		14.9	107.5	<0.002	0.25	2.60	12.2	1	1.5	334	0.56	0.08	10.2	0.273	1.26	3.4
M356921		16.6	86.0	<0.002	0.03	1.46	12.4	1	1.6	403	0.59	<0.05	9.9	0.287	0.92	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223918

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356886		69	1.5	16.1	734	21.8		
M356887		72	1.7	14.7	66	24.2		
M356888		52	4.5	9.8	>10000	32.5	119	1.560
M356889		72	3.0	14.7	118	24.5		
M356890		66	1.8	12.0	7000	20.0		
M356891		2	0.1	0.9	20	<0.5		
M356892		74	1.6	16.4	160	23.5		
M356893		73	1.3	15.8	58	25.3		
M356894		77	1.5	18.1	67	25.7		
M356895		76	2.8	14.2	145	24.8		
M356896		77	2.0	16.2	98	23.3		
M356897		74	2.4	15.5	82	25.9		
M356898		81	2.6	16.6	94	24.5		
M356899		76	2.5	16.6	83	24.6		
M356900		72	2.4	16.7	330	22.7		
M356901		79	3.1	16.8	280	24.2		
M356902		74	2.2	14.5	99	22.3		
M356903		4	0.1	1.1	12	<0.5		
M356904		74	1.0	15.8	114	22.7		
M356905		73	0.8	15.0	56	22.7		
M356906		81	0.9	19.0	54	25.8		
M356907		76	1.3	15.8	80	25.5		
M356908		75	1.1	15.8	92	22.8		
M356909		51	4.4	10.1	>10000	32.5	121	1.590
M356910		80	0.9	17.0	63	24.0		
M356911		74	1.4	16.2	69	23.0		
M356912		75	1.0	16.5	78	23.2		
M356913		75	0.8	16.3	55	21.9		
M356914		71	2.4	16.5	57	26.3		
M356915		72	1.3	14.6	74	21.6		
M356916		73	10.6	15.7	54	23.3		
M356917		74	1.8	15.4	64	22.6		
M356918		75	1.4	15.3	58	22.8		
M356919		76	1.3	17.1	59	24.3		
M356920		72	1.6	16.3	50	22.3		
M356921		77	1.7	16.7	54	22.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223918

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12223919

Project: Klaza-135

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

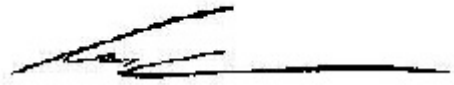
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223919

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356922		9.74	<0.005	0.04	6.91	4.5	2050	1.36	0.11	2.68	0.12	47.3	8.1	12	7.81	6.1
M356923		4.36	0.005	0.11	6.91	83.9	1670	1.17	0.37	2.25	0.08	34.0	6.7	11	11.45	4.2
M356924		5.32	0.012	1.17	6.74	25.4	1460	1.35	1.57	2.42	0.23	42.5	8.0	8	18.05	4.7
M356925		8.87	<0.005	0.16	7.24	4.5	1880	1.40	0.22	2.37	0.10	48.0	8.6	13	15.95	6.2
M356926		6.01	<0.005	0.29	6.72	33.8	1390	1.31	0.27	2.60	0.25	47.4	8.6	7	24.2	7.7
M356927		5.19	<0.005	0.12	6.85	6.5	2070	1.46	0.22	2.57	0.15	44.4	8.5	17	13.45	8.2
M356928		1.77	<0.005	0.11	6.76	8.7	1800	1.31	0.22	2.55	0.13	41.4	8.2	9	15.70	9.3
M356929		8.59	<0.005	0.11	6.81	5.9	2020	1.37	0.18	2.55	0.15	41.2	8.2	9	8.62	7.7
N812736		3.10	0.010	0.41	6.64	42.7	1740	1.20	0.87	2.88	0.70	40.9	9.6	8	9.95	4.3
M356930		6.17	<0.005	0.13	6.75	27.5	1590	0.99	0.20	1.78	0.23	36.6	6.7	8	20.9	6.6
M356931		2.45	<0.005	0.20	6.70	17.8	1820	1.23	0.54	2.35	0.45	46.8	7.8	7	19.50	5.6
M356932		3.40	0.006	0.47	6.70	32.7	1180	1.35	0.51	2.84	1.47	61.0	8.5	6	20.0	5.8
M356933		3.19	<0.005	0.02	0.13	<5	30	0.07	0.03	18.75	0.05	1.49	0.7	<1	0.71	2.5
M356934		7.26	<0.005	0.05	6.93	3.4	1870	1.31	0.15	2.61	0.08	45.6	7.2	10	15.00	4.9
M356935		4.59	<0.005	0.11	6.60	6.9	1790	1.19	0.16	2.45	0.09	42.1	6.9	9	16.45	7.2
M356936		5.30	<0.005	0.14	6.53	4.4	1780	1.55	0.20	2.56	0.10	43.8	7.6	9	12.90	7.6
M356937		2.84	<0.005	0.09	6.54	12.0	1290	1.31	0.29	2.60	0.15	48.8	7.6	7	24.0	6.0
M356938		0.25	4.61	>100	5.14	7460	570	1.03	58.9	1.82	207	33.2	9.3	16	11.55	1210
M356939		2.67	<0.005	0.28	6.43	43.3	2240	1.22	0.42	2.64	0.28	45.5	10.2	8	13.20	22.2
M356940		4.36	<0.005	0.18	6.66	14.0	1740	1.16	0.67	2.31	0.18	41.5	6.4	8	8.87	10.4
M356941		4.90	<0.005	0.07	6.39	5.6	1620	1.13	0.26	2.36	0.08	35.8	5.8	8	17.55	5.7
M356942		2.27	0.009	0.70	6.19	28.6	1410	1.38	0.47	3.33	1.66	46.3	6.9	8	12.90	12.8
M356943		2.27	<0.005	0.15	6.93	7.6	1910	1.52	0.41	2.34	0.16	45.4	7.4	9	8.96	6.8
M356944		3.09	<0.005	0.59	6.43	19.7	1970	1.36	0.33	3.02	8.79	48.0	10.7	10	9.82	8.6
M356945		3.05	<0.005	0.03	0.11	<5	30	0.07	0.03	18.80	0.09	1.76	1.0	1	0.38	3.6
M356946		2.67	0.010	0.60	5.90	38.9	1440	1.33	0.85	3.47	0.25	41.9	11.1	8	16.55	21.1
M356947		4.39	<0.005	0.09	6.92	2.8	2170	1.60	0.17	2.63	0.11	44.1	9.3	10	11.10	11.6
M356948		5.70	<0.005	0.09	6.70	5.3	2150	1.50	0.19	3.09	0.14	43.5	9.4	12	9.99	6.8
M356949		2.96	<0.005	0.23	5.94	13.8	1870	1.55	0.41	3.01	0.16	40.4	8.1	12	10.45	36.2
M356950		2.83	0.036	4.09	6.05	166.0	1250	1.56	3.24	2.52	15.50	45.3	13.4	9	18.80	22.2
M356951		7.13	<0.005	0.13	6.80	3.8	2020	1.59	0.21	3.00	0.16	42.2	8.3	11	10.80	21.6
M356952		<0.02	<0.005	0.13	6.45	4.3	1980	1.49	0.21	2.95	0.16	41.3	8.2	13	10.65	21.6
M356953		2.75	<0.005	0.16	7.16	12.7	2220	1.65	0.43	2.83	0.18	41.9	10.4	11	12.20	9.3
M356954		5.82	<0.005	0.15	6.75	12.2	2040	1.71	0.25	3.08	0.67	47.5	9.1	11	15.30	17.8
M356955		0.25	4.48	>100	5.16	8320	160	1.32	57.7	1.99	235	31.1	10.1	18	13.85	1300
M356956		8.36	<0.005	0.35	7.49	19.5	2120	1.69	0.32	2.88	0.57	47.2	7.8	10	12.75	49.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223919

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356922		2.98	16.60	0.16	1.0	0.039	2.30	22.4	13.8	0.87	689	0.95	1.98	7.7	2.7	580
M356923		2.76	15.00	0.10	1.0	0.027	2.37	15.8	20.8	0.64	716	1.02	0.80	6.6	2.1	570
M356924		2.86	15.05	0.13	0.9	0.050	2.67	19.7	27.8	0.81	1050	0.85	0.61	6.8	1.9	560
M356925		2.94	17.75	0.13	1.1	0.044	2.44	23.3	20.2	0.76	654	0.86	1.50	8.1	2.9	580
M356926		2.91	16.25	0.15	1.0	0.038	2.38	22.7	40.6	0.92	996	1.08	0.43	7.5	3.0	550
M356927		2.86	17.50	0.13	1.0	0.039	2.40	20.2	21.0	0.82	661	0.99	1.68	8.1	2.7	570
M356928		2.89	16.45	0.11	1.0	0.039	2.32	19.3	17.4	0.79	650	1.35	1.57	7.4	2.6	600
M356929		2.93	17.20	0.15	1.1	0.041	2.35	19.5	19.9	0.75	622	0.78	1.67	7.8	2.3	590
N812736		3.17	15.05	0.13	0.9	0.049	2.50	19.5	17.4	0.84	1210	0.75	1.38	6.5	2.3	530
M356930		2.89	15.05	0.12	1.0	0.044	2.43	17.0	57.2	0.63	806	0.82	0.30	7.1	2.4	580
M356931		2.80	16.05	0.13	1.0	0.041	2.38	22.7	50.5	0.86	791	0.67	0.59	7.3	2.4	540
M356932		3.25	16.25	0.13	1.0	0.087	2.52	30.7	36.6	1.03	2470	0.83	0.07	7.4	2.3	550
M356933		0.46	0.39	0.14	<0.1	<0.005	0.05	0.7	1.9	11.85	209	0.16	0.01	0.3	1.2	160
M356934		2.87	15.55	0.14	1.0	0.033	2.46	21.6	17.7	0.79	605	0.63	1.94	6.9	2.4	540
M356935		2.62	14.95	0.14	0.9	0.041	2.31	19.3	20.9	0.72	592	0.70	1.89	6.5	3.3	530
M356936		2.71	16.20	0.12	1.1	0.041	2.31	20.2	17.9	0.72	586	0.83	1.91	7.4	2.8	540
M356937		2.63	16.45	0.15	1.1	0.033	2.24	22.3	52.2	0.86	707	0.81	0.57	7.6	2.5	540
M356938		7.72	13.25	0.12	1.1	4.64	2.14	16.3	28.9	0.61	2870	15.15	0.08	5.3	13.4	400
M356939		3.10	15.05	0.11	0.9	0.069	2.48	21.6	19.5	0.85	675	1.01	1.55	7.2	2.7	550
M356940		2.98	15.00	0.13	1.0	0.053	2.51	19.7	15.7	0.75	608	0.82	1.77	7.0	2.2	540
M356941		2.67	14.55	0.14	1.0	0.035	2.41	16.5	14.1	0.65	529	0.97	1.45	6.7	2.1	530
M356942		3.08	14.75	0.12	1.0	0.078	2.50	22.4	15.7	1.03	1810	0.94	1.04	6.8	2.1	490
M356943		2.87	17.20	0.14	1.1	0.050	2.50	21.4	14.3	0.80	572	1.28	2.02	7.8	2.5	560
M356944		3.04	16.25	0.15	0.9	0.091	2.61	22.5	14.0	0.78	1500	0.90	1.51	7.3	2.5	540
M356945		0.45	0.37	0.12	<0.1	0.013	0.06	0.8	1.7	11.85	197	0.14	0.01	0.4	2.7	220
M356946		3.01	15.35	0.09	1.0	0.091	2.66	20.8	24.0	0.87	1580	1.04	0.29	7.2	2.5	540
M356947		3.06	16.55	0.10	1.1	0.039	2.56	21.8	18.7	0.84	663	1.24	2.00	8.3	3.4	590
M356948		3.30	17.10	0.13	1.1	0.057	2.43	20.9	20.6	0.91	759	1.47	2.00	9.1	3.4	680
M356949		2.93	16.40	0.11	1.0	0.059	2.42	18.9	13.6	0.68	786	0.57	1.51	8.2	3.4	590
M356950		3.59	16.15	0.11	1.0	0.097	2.86	23.0	22.6	0.80	3800	0.89	0.09	7.6	2.8	580
M356951		3.11	17.25	0.11	1.0	0.052	2.42	20.3	15.3	0.79	695	1.20	2.10	8.5	3.1	620
M356952		2.97	17.05	0.13	1.0	0.049	2.39	20.0	15.3	0.78	676	1.26	2.02	8.3	3.2	610
M356953		3.06	17.10	0.12	1.1	0.054	2.74	20.4	18.8	0.78	662	1.36	1.88	8.7	3.0	640
M356954		3.07	17.05	0.13	1.1	0.058	2.55	23.8	21.4	0.75	741	0.93	1.94	8.5	3.1	610
M356955		7.89	13.35	0.17	1.1	5.34	2.26	15.1	33.8	0.61	3120	16.45	0.09	6.0	15.4	450
M356956		3.13	17.75	0.11	1.0	0.072	2.61	23.9	24.9	0.84	686	2.32	2.06	8.5	2.9	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223919

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356922		16.4	88.1	<0.002	0.02	1.29	11.1	1	1.5	378	0.59	<0.05	11.9	0.263	0.89	3.7
M356923		15.2	83.4	<0.002	0.15	6.42	9.6	<1	1.4	212	0.59	0.14	10.5	0.259	1.28	3.1
M356924		24.1	112.0	<0.002	0.49	7.45	10.2	<1	1.6	179.0	0.60	0.52	11.6	0.247	1.79	3.7
M356925		17.2	106.0	<0.002	0.05	4.40	12.0	1	1.7	326	0.61	<0.05	13.0	0.263	1.11	3.9
M356926		20.0	113.5	<0.002	0.22	10.75	11.2	<1	1.7	183.5	0.61	<0.05	13.1	0.245	1.66	4.0
M356927		19.3	104.0	<0.002	0.04	3.46	11.7	1	1.6	341	0.61	<0.05	10.4	0.265	1.15	3.4
M356928		16.3	88.1	<0.002	0.04	3.83	10.6	1	1.6	329	0.61	<0.05	10.4	0.256	1.08	3.3
M356929		18.9	88.1	<0.002	0.01	3.24	11.1	1	1.8	336	0.65	<0.05	10.0	0.264	1.00	3.3
N812736		38.0	108.0	<0.002	0.68	5.16	9.9	<1	1.4	290	0.56	<0.05	9.4	0.237	1.50	3.5
M356930		15.2	87.7	<0.002	0.10	9.11	10.0	1	1.5	167.0	0.62	<0.05	10.6	0.270	1.69	2.9
M356931		23.8	106.5	<0.002	0.20	9.69	10.9	1	1.6	232	0.65	<0.05	12.5	0.242	1.54	3.5
M356932		139.0	133.5	<0.002	0.21	12.15	11.1	1	1.8	174.0	0.59	<0.05	14.2	0.245	1.89	3.9
M356933		1.5	4.2	<0.002	<0.01	0.16	0.3	<1	0.2	42.1	<0.05	<0.05	0.4	<0.005	0.02	0.6
M356934		14.9	96.3	<0.002	0.02	2.16	10.5	<1	1.5	370	0.60	<0.05	11.9	0.247	1.03	3.7
M356935		16.4	88.7	<0.002	0.03	1.99	9.3	<1	1.4	343	0.56	<0.05	10.7	0.236	1.34	3.2
M356936		17.0	94.8	<0.002	0.02	1.80	10.6	1	1.7	359	0.64	<0.05	12.6	0.240	0.97	4.1
M356937		14.1	87.1	<0.002	0.12	5.76	10.7	1	1.7	226	0.69	<0.05	13.0	0.245	1.34	3.4
M356938		9180	139.5	<0.002	6.60	209	7.3	1	8.4	118.5	0.45	0.43	9.4	0.172	2.13	5.4
M356939		21.7	109.5	<0.002	0.33	6.39	10.4	1	1.5	274	0.64	<0.05	11.8	0.244	1.45	4.2
M356940		17.3	107.0	<0.002	0.21	2.71	9.6	<1	1.5	311	0.64	<0.05	12.9	0.246	1.29	4.1
M356941		16.3	91.2	<0.002	0.02	4.06	9.2	<1	1.4	301	0.58	<0.05	11.5	0.240	1.18	3.4
M356942		94.4	112.0	<0.002	0.26	7.10	9.6	<1	1.4	252	0.60	<0.05	12.8	0.222	1.64	4.8
M356943		22.9	102.5	<0.002	0.07	1.99	11.1	1	1.7	385	0.64	0.05	13.3	0.250	1.21	4.0
M356944		148.0	125.0	<0.002	0.16	4.64	10.6	1	1.7	298	0.63	<0.05	12.6	0.243	1.43	4.3
M356945		1.8	3.3	<0.002	0.01	0.10	0.3	<1	<0.2	45.0	<0.05	<0.05	0.2	0.007	<0.02	0.8
M356946		20.8	103.0	<0.002	0.41	9.15	9.6	1	1.7	173.0	0.61	<0.05	10.9	0.242	2.04	3.7
M356947		18.2	90.0	<0.002	0.01	1.28	11.0	2	1.8	416	0.68	<0.05	12.4	0.275	1.06	4.3
M356948		18.3	85.4	<0.002	0.01	1.95	12.3	2	2.0	417	0.72	<0.05	10.8	0.295	1.08	4.0
M356949		21.8	83.5	<0.002	0.10	4.70	10.5	1	1.8	334	0.67	<0.05	10.7	0.270	1.24	3.6
M356950		476	132.5	<0.002	0.89	15.20	10.7	2	1.8	123.0	0.63	<0.05	11.0	0.257	2.39	3.9
M356951		20.3	85.1	<0.002	0.02	2.08	11.0	2	1.8	412	0.67	<0.05	10.6	0.284	1.09	3.7
M356952		20.3	85.9	<0.002	0.02	2.08	11.3	2	1.8	399	0.65	<0.05	10.3	0.280	1.06	3.6
M356953		26.4	103.5	<0.002	0.09	4.86	11.4	2	1.8	378	0.71	<0.05	10.9	0.286	1.39	3.8
M356954		29.5	97.3	<0.002	0.09	3.12	11.6	2	2.0	393	0.67	<0.05	11.3	0.280	1.17	3.6
M356955		9720	117.0	<0.002	7.04	221	7.6	3	9.2	120.0	0.46	0.58	7.1	0.186	2.21	4.8
M356956		33.8	105.0	<0.002	0.06	3.04	11.7	2	1.9	403	0.64	<0.05	11.7	0.289	1.21	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223919

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356922		75	1.6	16.1	48	24.1		
M356923		73	3.3	12.1	41	20.2		
M356924		71	2.3	14.2	48	20.2		
M356925		74	2.3	16.7	48	25.2		
M356926		70	3.3	15.7	54	23.6		
M356927		75	2.1	16.5	49	25.0		
M356928		72	2.6	14.9	48	23.5		
M356929		75	2.4	15.3	47	25.6		
N812736		68	1.6	14.2	79	20.7		
M356930		75	3.9	12.7	52	22.1		
M356931		68	3.1	15.6	60	24.0		
M356932		70	3.8	18.2	128	24.2		
M356933		2	0.1	0.9	10	<0.5		
M356934		71	1.6	14.5	42	22.8		
M356935		66	1.4	13.4	42	24.1		
M356936		68	2.0	14.9	43	25.2		
M356937		69	2.9	15.8	44	24.6		
M356938		50	4.4	8.9	>10000	33.0	113	1.600
M356939		73	3.1	17.3	55	21.7		
M356940		66	2.4	13.6	47	22.7		
M356941		67	2.4	12.4	40	23.6		
M356942		62	3.9	15.7	135	23.7		
M356943		69	2.4	16.3	43	26.2		
M356944		69	2.4	15.7	444	22.2		
M356945		3	0.1	1.1	11	0.5		
M356946		69	3.3	14.8	52	22.7		
M356947		76	2.2	15.2	56	25.2		
M356948		84	2.4	16.9	56	25.1		
M356949		75	1.3	14.3	54	24.6		
M356950		73	2.9	14.9	1450	21.9		
M356951		79	1.2	15.6	58	22.8		
M356952		78	1.2	15.6	56	22.6		
M356953		81	1.6	15.2	58	24.7		
M356954		80	3.2	15.6	95	25.1		
M356955		55	4.6	8.1	>10000	33.6	118	1.625
M356956		79	1.5	16.2	86	24.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12223919

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

CERTIFICATE WH12224020

Project: Klaza-135

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224020

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356957		8.88	<0.005	0.23	7.47	11.6	2080	1.58	0.23	2.76	1.72	46.1	9.3	12	12.20	13.7
M356958		4.25	<0.005	0.20	7.14	20.8	2230	1.50	0.21	2.97	0.13	42.3	7.8	10	15.70	18.5
M356959		4.70	<0.005	0.12	7.33	4.3	1920	1.55	0.26	2.68	0.11	42.9	6.4	11	9.60	19.1
M356960		9.04	<0.005	0.11	7.69	4.9	2140	1.65	0.20	2.58	0.11	47.0	7.3	10	9.82	19.0
M356961		8.44	<0.005	0.05	7.36	3.1	2190	1.56	0.15	2.64	0.10	44.3	8.1	10	9.63	8.2
M356962		0.24	4.53	>100	5.30	7240	790	1.16	63.2	1.87	220	32.7	9.4	16	11.60	1215
M356963		7.60	<0.005	0.17	7.70	8.0	2210	1.58	0.15	2.61	0.18	43.2	8.1	11	10.40	8.2
M356964		2.45	0.009	0.44	7.19	18.8	1670	1.60	0.19	3.42	0.93	43.0	8.2	8	23.3	8.5
M356965		6.26	0.044	0.17	7.11	51.0	2030	1.45	0.14	3.81	0.19	44.5	8.0	9	14.10	5.7
M356966		3.46	0.005	0.23	8.14	22.4	2020	1.21	1.67	5.07	0.32	45.9	10.2	7	20.8	12.9
M356967		3.04	<0.005	0.02	0.09	<5	30	0.05	0.03	20.0	0.06	1.07	1.3	<1	0.62	1.3
M356968		4.97	<0.005	0.11	7.84	17.1	1530	1.05	1.73	3.94	0.03	49.4	14.8	10	7.69	16.6
M356969		2.78	<0.005	0.06	7.98	3.8	2200	1.66	0.17	2.84	0.11	45.7	11.1	11	10.55	5.3
M356970		2.94	0.013	1.90	7.23	71.5	1350	1.62	3.75	2.69	3.00	48.0	33.8	8	12.25	7.5
M356971		3.68	<0.005	0.09	7.33	3.8	2030	1.60	0.13	2.82	0.16	40.8	8.6	10	11.50	5.4
M356972		8.85	<0.005	0.17	7.33	7.9	1860	1.62	0.20	2.92	0.15	44.2	8.8	12	14.20	16.4
M356973		5.91	<0.005	0.43	7.09	28.0	1640	1.62	0.32	2.76	0.16	34.5	8.3	9	15.95	27.8
M356974		<0.02	0.005	0.45	7.10	29.8	1610	1.65	0.32	2.72	0.17	36.8	8.6	9	16.55	28.9
M356975		3.47	0.034	0.97	6.92	133.5	1270	1.49	0.28	3.37	1.93	41.7	7.7	8	19.95	24.7
M356976		6.58	<0.005	0.25	6.97	24.1	1850	1.71	0.11	2.94	0.21	42.9	7.9	9	16.45	6.4
M356977		4.19	<0.005	0.11	7.55	11.5	1960	1.62	0.09	2.68	0.09	48.9	8.2	10	14.45	3.9
M356978		2.06	0.081	0.55	6.81	139.0	2220	1.61	0.10	3.42	1.46	45.9	8.2	9	12.15	4.9
M356979		7.05	<0.005	0.05	7.50	2.0	2160	1.73	0.10	3.02	0.08	44.5	9.1	9	9.59	4.5
M356980		0.24	4.48	>100	5.44	6880	800	1.19	61.4	1.91	223	32.5	9.2	17	11.45	1245
M356981		8.54	<0.005	0.13	7.55	5.1	2130	1.75	0.12	3.04	0.17	45.1	9.2	10	11.65	6.0
M356982		8.39	<0.005	0.12	7.24	4.7	1960	1.71	0.12	3.11	0.14	43.7	8.8	9	10.05	12.0
M356983		5.87	<0.005	0.12	7.31	7.1	1980	1.64	0.15	3.14	0.15	46.7	8.5	9	9.40	9.2
M356984		5.59	<0.005	0.09	7.56	4.3	2120	1.71	0.12	2.70	0.09	44.3	8.3	9	9.82	6.4
M356985		2.81	<0.005	0.24	7.06	21.1	2650	1.51	0.36	2.57	0.19	40.9	13.9	8	22.1	14.2
M356986		2.96	<0.005	0.02	0.09	<5	40	0.05	0.02	20.7	0.07	1.32	1.4	<1	0.39	1.8
M356987		5.87	<0.005	0.07	7.20	4.6	1960	1.59	0.16	2.60	0.10	42.8	7.0	10	10.40	6.2
M356988		3.14	<0.005	0.09	7.23	7.8	1860	1.62	0.15	2.70	0.09	43.5	7.6	9	13.90	13.1
M356989		1.32	<0.005	0.11	7.23	8.9	2120	1.66	0.16	2.69	0.08	48.6	8.7	10	17.00	18.6
M356990		2.59	<0.005	0.14	7.55	11.7	1820	1.46	0.18	1.61	0.19	48.7	8.0	8	15.75	7.4
M356991		2.69	0.008	1.04	7.13	42.2	1420	1.58	0.59	2.32	0.25	51.1	10.3	11	18.80	11.4
M356992		5.13	<0.005	0.09	7.39	3.7	2150	1.59	0.15	2.64	0.23	48.4	8.6	11	9.50	6.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224020

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356957		3.16	18.70	0.15	1.1	0.052	2.63	22.7	19.8	0.82	761	0.81	2.08	8.6	3.7	660
M356958		3.06	18.05	0.12	1.0	0.057	2.57	20.5	26.0	0.86	679	0.60	1.65	8.3	2.8	630
M356959		3.30	16.75	0.13	1.0	0.057	2.53	21.1	18.5	0.82	587	0.58	2.09	7.8	2.6	620
M356960		3.26	18.10	0.17	1.0	0.050	2.63	24.0	19.7	0.92	595	0.73	2.12	8.3	3.0	640
M356961		2.99	16.80	0.14	1.1	0.036	2.48	22.6	20.8	0.92	590	1.27	2.01	7.7	2.5	610
M356962		7.89	13.50	0.11	1.1	4.73	2.22	16.1	28.3	0.60	2900	15.40	0.09	5.6	13.3	430
M356963		3.12	16.85	0.12	1.1	0.038	2.60	22.3	20.9	0.89	647	0.61	1.88	8.0	2.9	640
M356964		3.22	15.95	0.13	1.0	0.048	2.46	23.4	28.3	0.87	876	0.59	0.95	7.4	2.8	570
M356965		2.94	16.30	0.15	0.9	0.040	2.52	23.3	20.2	0.77	1010	0.42	1.43	7.6	2.7	600
M356966		5.57	26.4	0.14	0.9	0.577	2.65	23.0	19.3	0.94	1460	0.38	0.75	8.2	2.2	650
M356967		0.46	0.44	0.22	<0.1	<0.005	0.05	0.5	1.3	12.20	191	0.17	0.01	0.4	1.2	180
M356968		4.31	18.15	0.11	1.0	0.336	2.39	26.2	14.4	0.78	1180	0.47	1.53	9.2	2.5	720
M356969		3.70	19.35	0.13	1.2	0.049	2.68	22.5	25.5	0.85	695	0.60	1.99	9.1	3.0	690
M356970		3.09	15.95	0.14	1.0	0.097	3.18	26.0	25.4	0.77	1480	0.69	0.06	7.7	2.9	590
M356971		3.10	17.10	0.12	1.0	0.038	2.59	20.4	17.1	0.73	627	0.47	1.89	7.8	2.7	600
M356972		3.09	17.60	0.13	1.0	0.047	2.63	22.8	20.0	0.74	657	0.49	1.65	8.1	2.9	600
M356973		3.05	16.75	0.11	0.9	0.055	2.90	16.5	26.0	0.77	929	0.36	1.03	7.8	2.4	610
M356974		3.04	17.05	0.13	1.0	0.062	2.85	18.0	26.4	0.78	919	0.42	0.99	7.9	2.7	610
M356975		3.27	16.05	0.11	1.0	0.053	2.63	22.1	44.7	0.97	1560	0.45	0.15	7.3	2.5	560
M356976		2.91	16.80	0.12	1.0	0.039	2.72	21.7	31.7	0.74	808	0.42	1.20	7.9	2.5	600
M356977		3.07	16.15	0.13	1.0	0.037	2.75	26.0	16.3	0.81	702	0.40	1.34	7.8	2.7	620
M356978		3.23	16.65	0.13	0.9	0.045	2.65	23.5	19.7	0.84	1780	0.38	1.14	7.3	2.7	580
M356979		3.11	18.05	0.14	1.0	0.040	2.50	22.9	16.8	0.88	691	0.44	2.07	8.2	2.7	610
M356980		8.15	13.20	0.13	1.1	4.55	2.28	15.7	27.6	0.62	2980	14.90	0.09	5.3	13.1	450
M356981		3.23	18.20	0.12	1.1	0.042	2.56	22.2	19.5	0.91	789	0.59	2.06	8.3	2.8	630
M356982		3.10	17.40	0.11	1.2	0.040	2.49	21.6	17.8	0.81	774	1.20	1.94	8.2	2.8	610
M356983		2.97	16.85	0.12	1.1	0.036	2.44	24.8	19.3	0.80	760	1.15	1.91	7.9	2.4	580
M356984		3.17	17.50	0.10	1.2	0.037	2.62	22.3	18.4	0.82	621	0.78	2.13	8.1	2.8	620
M356985		3.04	17.70	0.10	1.0	0.043	2.55	20.5	41.0	0.72	665	0.64	0.28	8.0	2.9	630
M356986		0.52	0.39	0.20	<0.1	<0.005	0.03	0.7	1.0	12.60	212	0.12	0.01	0.4	1.4	190
M356987		3.20	16.65	0.10	1.0	0.046	2.55	20.9	17.4	0.78	601	0.74	1.86	7.9	2.6	600
M356988		3.06	16.70	0.12	1.0	0.043	2.67	21.9	17.2	0.77	679	0.62	1.53	7.8	2.9	600
M356989		3.20	18.35	0.14	1.0	0.043	2.73	24.2	22.2	0.76	704	0.62	1.30	8.6	3.7	600
M356990		3.04	16.80	0.11	1.0	0.041	2.71	26.4	33.4	0.86	632	0.53	0.15	7.7	2.5	620
M356991		2.99	17.45	0.13	1.0	0.055	3.00	26.4	37.5	0.76	1100	0.60	0.28	7.6	2.9	600
M356992		3.01	17.50	0.13	1.0	0.041	2.69	24.9	15.0	0.81	627	0.69	2.11	7.7	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224020

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356957		40.1	110.5	<0.002	0.07	2.15	13.8	1	1.8	397	0.60	<0.05	13.0	0.285	1.21	3.7
M356958		24.5	98.7	<0.002	0.12	4.98	12.8	1	1.8	335	0.57	<0.05	11.3	0.286	1.35	3.2
M356959		18.9	100.5	<0.002	0.01	2.38	12.9	1	1.7	386	0.55	<0.05	12.1	0.275	1.04	3.3
M356960		19.0	116.5	<0.002	0.02	2.15	13.1	1	1.7	433	0.59	<0.05	12.9	0.284	1.08	3.6
M356961		18.7	96.9	<0.002	<0.01	1.45	12.1	1	1.5	484	0.54	<0.05	13.2	0.272	0.85	3.8
M356962		9820	139.0	<0.002	6.78	213	7.5	2	8.4	124.0	0.40	0.48	8.6	0.185	2.05	4.9
M356963		21.8	107.0	<0.002	0.03	2.12	12.4	1	1.6	475	0.59	<0.05	13.3	0.284	0.99	3.8
M356964		45.7	120.5	<0.002	0.12	5.34	11.6	1	1.5	394	0.54	<0.05	12.5	0.264	1.20	4.1
M356965		30.4	105.0	<0.002	0.23	3.28	12.4	1	1.7	466	0.52	<0.05	11.1	0.265	1.07	3.4
M356966		34.2	99.2	<0.002	0.25	9.02	13.4	1	5.9	477	0.58	<0.05	11.7	0.293	1.41	4.7
M356967		1.7	3.8	<0.002	<0.01	<0.05	0.3	1	<0.2	49.0	<0.05	<0.05	0.2	<0.005	0.03	0.7
M356968		7.9	109.5	<0.002	0.25	4.26	12.9	1	4.1	209	0.61	<0.05	15.2	0.303	1.28	4.8
M356969		18.8	103.0	<0.002	0.02	4.08	15.6	1	1.9	419	0.65	<0.05	14.7	0.314	1.04	4.5
M356970		126.0	164.0	<0.002	1.56	11.20	13.2	1	1.9	112.0	0.51	0.10	13.3	0.250	2.37	3.7
M356971		19.6	96.2	<0.002	0.03	2.31	12.0	1	1.6	379	0.57	<0.05	12.4	0.270	0.98	3.3
M356972		20.5	105.5	<0.002	0.09	4.06	13.0	1	1.8	367	0.58	<0.05	13.8	0.275	1.13	3.6
M356973		20.0	108.5	<0.002	0.19	5.80	12.0	1	1.8	288	0.56	<0.05	10.8	0.273	1.56	3.3
M356974		19.6	115.5	<0.002	0.20	5.98	12.1	1	1.9	281	0.57	<0.05	11.8	0.270	1.60	3.5
M356975		52.6	128.5	<0.002	0.60	14.30	11.9	1	2.0	184.0	0.55	<0.05	12.3	0.254	1.55	3.4
M356976		21.4	102.5	<0.002	0.13	5.42	11.9	1	1.8	322	0.56	<0.05	12.8	0.268	1.31	3.3
M356977		20.4	116.0	<0.002	0.05	3.98	11.8	1	1.8	389	0.57	<0.05	13.8	0.280	1.18	3.8
M356978		81.1	113.0	<0.002	0.69	7.85	11.9	1	2.4	316	0.52	<0.05	12.6	0.252	1.43	3.6
M356979		19.4	104.5	<0.002	0.01	2.06	13.2	1	1.7	456	0.57	<0.05	13.0	0.274	0.93	3.9
M356980		>10000	134.0	<0.002	6.96	221	7.3	2	8.3	122.0	0.40	0.46	8.5	0.190	2.01	4.7
M356981		22.7	99.3	<0.002	0.03	1.94	13.4	1	1.6	439	0.65	<0.05	12.9	0.281	0.98	3.9
M356982		19.8	101.5	<0.002	0.06	2.40	12.9	1	1.6	410	0.66	<0.05	13.5	0.270	0.90	4.4
M356983		16.0	106.5	<0.002	0.08	2.51	12.5	1	1.5	425	0.62	<0.05	12.9	0.267	0.84	4.4
M356984		17.7	100.5	<0.002	0.05	2.44	13.0	1	1.6	416	0.60	<0.05	13.1	0.275	0.98	3.8
M356985		18.1	90.2	<0.002	0.29	10.30	12.4	1	1.5	195.5	0.57	<0.05	12.3	0.279	1.40	3.4
M356986		1.5	1.8	<0.002	<0.01	<0.05	0.4	1	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356987		16.8	96.6	<0.002	0.04	4.46	12.3	1	1.5	379	0.58	<0.05	12.2	0.273	1.04	3.5
M356988		17.1	104.0	<0.002	0.13	4.10	12.2	1	1.6	346	0.59	<0.05	12.4	0.268	1.23	3.8
M356989		17.6	109.5	<0.002	0.13	4.85	13.2	1	1.7	331	0.63	<0.05	14.6	0.284	1.33	4.0
M356990		22.0	110.0	<0.002	0.11	13.00	12.1	1	1.6	168.5	0.55	<0.05	13.0	0.272	1.26	3.0
M356991		33.7	123.5	<0.002	0.57	10.85	12.2	1	1.6	180.0	0.54	<0.05	13.0	0.263	1.93	3.0
M356992		29.3	100.5	<0.002	0.05	1.40	12.4	1	1.6	399	0.53	<0.05	12.2	0.262	1.02	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224020

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
M356957		84	1.1	16.2	212	26.0			
M356958		82	1.5	14.9	50	22.4			
M356959		81	1.1	14.6	48	22.9			
M356960		81	1.2	15.7	47	23.3			
M356961		77	1.5	13.9	49	25.3			
M356962		52	4.2	9.3	>10000	31.6	120		1.580
M356963		80	2.1	14.4	63	24.4			
M356964		73	6.0	16.5	114	22.5			
M356965		75	2.0	16.6	57	21.3			
M356966		136	3.0	22.5	75	20.2			
M356967		2	0.1	0.8	16	<0.5			
M356968		78	4.0	17.7	55	22.5			
M356969		96	2.6	17.6	58	25.9			
M356970		77	3.5	15.0	297	22.1			
M356971		77	1.0	14.7	56	23.4			
M356972		78	1.6	14.9	52	23.4			
M356973		76	2.4	13.6	55	21.4			
M356974		75	2.7	14.0	53	23.0			
M356975		72	4.2	15.0	226	20.9			
M356976		77	2.4	14.2	57	23.8			
M356977		78	3.2	13.6	53	21.4			
M356978		74	3.1	14.5	169	21.0			
M356979		78	1.7	16.7	52	23.7			
M356980		53	4.2	8.6	>10000	28.8	120	0.968	1.575
M356981		81	1.3	16.4	63	23.1			
M356982		78	2.2	16.0	58	27.1			
M356983		74	2.2	16.4	65	25.3			
M356984		80	1.3	15.0	47	26.3			
M356985		81	1.8	14.1	56	23.2			
M356986		3	0.1	0.9	18	0.5			
M356987		77	1.3	14.8	50	24.0			
M356988		77	1.3	14.6	47	22.3			
M356989		78	1.4	15.6	53	22.6			
M356990		77	3.9	14.1	58	21.4			
M356991		76	2.9	13.5	57	23.4			
M356992		75	0.6	15.1	61	21.9			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224020

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

CERTIFICATE WH12224021

Project: Klaza-135

P.O. No.: Batch 7

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224021

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812765		2.72	0.570	10.90	6.25	969	540	1.49	2.61	2.12	23.5	45.0	21.9	9	18.20	84.3
N812766		0.21	4.57	>100	5.21	8140	220	1.25	56.6	1.94	231	32.4	9.9	17	13.30	1255
N812767		3.84	0.965	7.97	5.74	3330	350	1.17	1.09	1.67	40.3	42.6	14.1	8	10.50	42.0
N812768		4.62	5.87	>100	5.09	>10000	330	1.24	16.45	2.71	435	35.2	6.2	7	9.94	1030
N812769		2.70	0.006	0.05	0.09	<5	30	0.07	0.02	20.9	0.20	1.16	0.6	<1	0.32	2.0
N812770		4.84	<0.005	0.22	6.38	22.3	910	2.19	0.06	2.59	0.49	57.9	5.1	12	35.2	2.5
N812771		8.29	<0.005	0.14	6.53	16.5	610	2.19	0.09	2.62	0.43	61.0	5.2	11	36.8	2.9
N812772		6.24	<0.005	0.57	6.57	33.0	1170	2.30	0.15	2.85	0.45	56.2	7.2	16	29.3	8.3
N812773		3.06	0.053	21.6	6.81	221	1340	1.74	1.40	2.20	12.75	49.4	13.1	9	16.35	127.0
N812774		5.26	<0.005	0.18	7.51	11.9	2220	1.46	0.18	2.59	0.18	47.5	12.5	12	8.78	15.1
N812775		7.98	<0.005	0.39	7.39	5.3	2150	1.51	0.08	2.80	5.22	47.2	8.2	13	8.10	6.9
N812776		<0.02	<0.005	0.36	6.98	7.4	2070	1.51	0.08	2.79	4.84	49.3	8.6	12	8.10	8.3
N812777		8.15	<0.005	0.05	6.72	6.2	2040	1.54	0.08	2.80	0.10	48.8	8.3	12	6.69	7.2
N812778		3.25	<0.005	0.37	6.45	7.5	1950	1.53	0.09	2.70	4.51	45.3	8.1	13	9.43	13.6
N812779		2.72	0.098	1.19	7.01	1210	1270	1.58	0.29	2.52	7.79	48.1	22.0	9	15.40	10.1
N812780		2.45	<0.005	0.02	0.09	<5	40	0.10	0.08	22.1	0.09	1.56	1.5	<1	0.22	6.1
N812781		8.44	<0.005	0.06	7.21	4.5	2170	1.55	0.09	2.89	0.11	49.9	8.9	12	6.52	3.4
N812782		7.76	<0.005	0.06	7.33	5.0	2050	1.53	0.08	2.81	0.11	46.3	8.6	12	8.18	4.0
N812783		4.04	0.009	0.26	6.67	28.7	1900	1.45	0.16	2.75	0.82	41.7	8.2	12	8.64	13.5
N812784		6.65	0.020	0.94	6.78	158.5	2150	1.64	0.38	2.56	3.69	43.3	8.3	12	11.10	15.7
N812785		3.03	0.051	2.67	6.60	802	1990	1.63	0.41	2.82	16.05	41.8	8.8	10	10.60	26.1
N812786		4.90	0.007	0.68	7.00	385	2160	1.47	0.52	2.13	2.16	40.0	8.1	12	10.20	11.8
N812787		0.20	4.52	>100	5.35	8460	190	1.23	57.6	1.97	240	32.1	9.9	18	13.40	1280
N812788		5.06	0.006	0.17	6.66	40.9	2000	1.83	0.15	3.36	0.26	41.8	9.0	12	9.33	5.0
N812789		2.75	0.010	2.89	6.15	64.1	1530	1.58	0.11	3.68	11.65	44.1	9.6	14	15.40	19.6
N812790		2.76	<0.005	0.55	6.85	23.8	2060	1.50	0.20	2.63	3.01	39.0	9.3	8	29.1	26.7
N812791		2.74	<0.005	0.36	6.57	21.4	1500	1.42	0.13	2.81	4.86	45.2	6.3	6	23.8	9.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224021

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812765		4.54	15.45	0.11	0.9	0.929	2.88	23.7	17.0	0.75	2510	1.13	0.08	7.2	3.3	540
N812766		7.77	13.15	0.14	1.1	5.30	2.22	16.1	32.9	0.61	3040	16.10	0.08	5.8	14.9	440
N812767		5.48	13.75	0.09	0.8	1.045	2.66	23.4	11.0	0.70	1420	1.83	0.02	6.1	2.6	450
N812768		8.04	12.90	0.15	0.7	7.28	2.03	19.3	22.4	1.05	2620	5.06	0.03	5.1	2.3	390
N812769		0.50	0.31	0.09	<0.1	<0.005	0.04	0.6	1.2	13.00	232	0.13	0.01	0.2	1.9	180
N812770		2.36	19.75	0.10	2.6	0.033	2.72	28.3	53.7	0.88	867	0.89	0.06	11.8	3.0	850
N812771		2.41	18.70	0.13	2.6	0.027	2.60	30.5	53.3	0.85	908	1.13	0.07	11.5	3.0	850
N812772		2.41	20.7	0.13	3.4	0.037	2.88	27.3	88.5	0.98	839	1.71	0.07	12.2	5.7	1050
N812773		4.19	17.95	0.12	1.2	1.180	3.19	25.3	31.8	0.76	2970	0.84	0.52	8.2	3.0	620
N812774		3.06	16.95	0.11	1.3	0.074	2.55	24.2	14.6	0.86	668	0.97	2.12	8.1	2.9	590
N812775		3.08	17.20	0.11	1.1	0.041	2.54	24.3	15.2	0.90	730	1.14	2.22	8.0	2.9	620
N812776		3.08	17.40	0.13	1.2	0.038	2.54	25.4	15.8	0.90	736	1.21	2.07	8.3	3.1	620
N812777		2.99	16.80	0.12	1.3	0.037	2.48	25.0	17.0	0.88	679	1.28	2.15	8.1	2.9	620
N812778		3.18	17.05	0.12	1.3	0.056	2.66	21.8	11.9	0.78	1180	1.42	1.84	8.4	3.0	580
N812779		5.36	16.45	0.14	1.2	0.488	2.68	25.1	13.1	0.91	4500	1.08	1.14	7.7	2.9	580
N812780		0.50	0.38	0.06	<0.1	<0.005	0.03	0.7	1.1	11.75	230	0.16	0.01	0.4	2.0	210
N812781		3.07	18.80	0.12	1.3	0.042	2.57	25.7	14.7	0.94	757	1.23	2.16	8.5	2.9	610
N812782		3.13	17.55	0.13	1.3	0.058	2.53	23.1	14.3	0.88	758	1.16	2.11	8.5	2.8	620
N812783		3.27	16.60	0.12	1.2	0.184	2.61	20.4	12.3	0.78	1240	0.93	1.81	8.1	2.8	580
N812784		3.55	17.45	0.11	1.3	0.160	2.76	20.6	14.3	0.77	1480	1.06	1.64	8.5	2.9	600
N812785		3.38	16.65	0.11	1.4	0.312	2.65	19.8	12.8	0.75	1170	0.92	1.72	9.0	2.8	580
N812786		3.00	15.35	0.10	1.3	0.094	2.43	20.0	19.3	0.77	680	0.62	1.69	8.4	3.0	600
N812787		8.24	12.90	0.15	1.1	5.18	2.23	15.7	31.5	0.62	3110	16.20	0.08	5.8	14.8	460
N812788		3.36	17.35	0.10	1.3	0.048	2.46	19.4	17.8	0.88	869	1.09	2.03	9.9	3.1	650
N812789		2.98	16.95	0.10	1.4	0.073	2.57	20.3	16.5	0.88	1860	1.44	0.97	9.6	4.3	710
N812790		2.93	17.70	0.11	1.4	0.062	2.42	18.5	21.2	0.64	952	1.00	1.48	8.6	3.6	610
N812791		3.13	16.45	0.13	1.3	0.522	2.40	23.0	23.2	0.82	2440	1.63	0.41	7.8	2.8	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224021

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
N812765		341	141.0	<0.002	3.09	43.4	10.1	2	4.1	147.0	0.62	0.36	11.3	0.237	2.66	4.5
N812766		9550	122.5	<0.002	6.92	217	7.5	3	9.2	117.5	0.44	0.54	7.6	0.182	2.18	4.8
N812767		725	204	<0.002	5.19	29.0	9.2	1	7.7	67.5	0.51	0.20	12.1	0.199	2.52	3.0
N812768		>10000	130.0	<0.002	8.43	370	7.2	4	18.3	125.5	0.39	0.27	8.4	0.160	1.81	3.1
N812769		5.7	2.2	0.003	<0.01	0.22	0.2	1	0.2	51.3	<0.05	0.06	<0.2	<0.005	<0.02	0.5
N812770		28.6	99.6	<0.002	0.03	7.51	6.0	1	1.3	272	0.81	<0.05	8.7	0.251	1.88	4.0
N812771		21.8	92.8	<0.002	0.03	8.16	5.9	1	1.3	271	0.81	<0.05	9.4	0.250	1.81	4.9
N812772		34.1	107.5	<0.002	0.12	12.95	6.8	1	1.6	354	0.81	<0.05	8.1	0.304	2.82	4.1
N812773		625	156.0	<0.002	0.92	36.4	10.9	1	4.6	202	0.56	0.13	13.2	0.259	2.61	4.0
N812774		23.4	99.2	<0.002	0.11	1.59	11.4	1	2.0	416	0.58	<0.05	14.1	0.265	1.18	4.5
N812775		131.5	92.4	<0.002	0.03	1.31	11.0	1	1.8	429	0.56	<0.05	12.2	0.277	1.04	3.6
N812776		127.0	97.4	<0.002	0.03	1.31	11.9	2	1.8	417	0.55	<0.05	13.3	0.279	1.03	4.0
N812777		17.5	94.5	<0.002	0.01	0.67	11.7	2	1.8	416	0.63	<0.05	13.9	0.277	0.96	4.7
N812778		125.5	96.1	<0.002	0.03	2.32	10.7	2	2.1	359	0.63	<0.05	11.9	0.266	1.24	4.0
N812779		265	111.5	<0.002	0.57	21.9	10.7	1	3.8	254	0.57	0.06	13.1	0.252	1.77	4.3
N812780		2.1	1.5	<0.002	0.01	<0.05	0.3	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N812781		18.0	103.0	<0.002	0.01	0.83	11.8	2	1.8	410	0.63	<0.05	13.5	0.279	1.02	4.5
N812782		19.1	96.6	<0.002	0.02	1.40	11.5	1	1.9	398	0.65	<0.05	12.4	0.278	1.04	4.6
N812783		49.0	97.7	<0.002	0.11	1.97	10.7	1	2.3	349	0.60	<0.05	10.5	0.268	1.17	3.8
N812784		131.0	106.5	<0.002	0.26	4.87	10.4	1	3.4	345	0.70	<0.05	11.4	0.273	1.36	4.6
N812785		98.6	106.5	<0.002	0.52	6.87	10.4	2	3.1	347	0.85	<0.05	11.2	0.265	1.25	5.1
N812786		84.8	99.5	<0.002	0.20	4.47	10.1	1	2.8	309	0.85	<0.05	11.5	0.268	1.19	4.6
N812787		9920	117.0	0.002	7.16	224	7.3	3	9.2	119.0	0.45	0.52	7.6	0.185	2.17	4.9
N812788		28.7	87.9	<0.002	0.04	2.35	10.9	2	2.1	426	0.93	<0.05	10.4	0.289	1.07	5.5
N812789		765	98.5	<0.002	0.46	9.76	11.8	2	2.5	271	0.91	<0.05	10.7	0.281	1.80	4.8
N812790		139.0	105.0	<0.002	0.14	6.94	10.1	1	2.0	323	0.86	<0.05	13.0	0.262	1.37	6.1
N812791		70.5	96.6	<0.002	0.09	9.98	10.1	1	2.4	205	0.75	<0.05	13.5	0.244	1.54	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224021

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N812765		67	4.1	11.8	1700	20.1			
N812766		53	4.5	8.5	>10000	32.9	117		1.620
N812767		58	5.9	7.7	2990	21.1			
N812768		45	4.7	8.2	>10000	19.5	197	2.06	3.36
N812769		2	0.1	0.8	26	<0.5			
N812770		49	1.7	12.9	100	92.0			
N812771		50	1.7	13.5	88	88.8			
N812772		61	1.7	12.9	90	131.0			
N812773		75	2.7	13.9	1160	34.7			
N812774		74	1.0	15.8	61	32.7			
N812775		76	1.0	15.6	375	28.9			
N812776		78	1.0	16.9	356	29.9			
N812777		78	1.1	16.8	54	32.8			
N812778		74	1.2	15.2	292	31.9			
N812779		71	4.7	14.6	628	28.6			
N812780		1	0.1	1.0	19	0.5			
N812781		78	1.3	17.8	56	32.6			
N812782		79	1.1	16.8	58	30.9			
N812783		75	1.1	15.1	125	28.6			
N812784		76	2.3	14.7	349	31.7			
N812785		74	1.4	15.7	1700	32.5			
N812786		72	2.5	13.8	268	29.5			
N812787		54	4.6	8.0	>10000	32.2	119		1.555
N812788		82	2.5	17.9	76	31.4			
N812789		82	3.5	17.5	1200	32.2			
N812790		76	1.8	16.2	351	30.3			
N812791		70	2.8	16.4	370	29.1			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224021

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

CERTIFICATE WH12224022

Project: Klaza-135

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

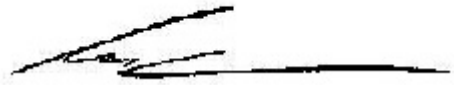
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224022

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356993		2.93	0.343	1.88	6.59	1295	1570	1.28	0.57	3.19	7.52	42.8	14.6	7	12.75	10.9
N812792		8.39	<0.005	0.24	7.15	16.0	2110	1.28	0.58	2.53	0.36	41.5	11.5	10	14.00	13.3
M356995		4.02	<0.005	0.13	7.00	7.1	1930	1.18	0.10	2.72	0.24	53.1	7.7	9	12.85	6.7
M356996		3.83	0.005	1.05	6.79	52.5	1010	1.33	0.37	2.79	0.77	43.3	8.8	5	22.8	10.6
M356997		2.62	0.006	0.01	0.15	<5	60	0.05	0.02	20.3	0.07	2.03	1.7	<1	0.42	2.8
M356998		3.84	<0.005	0.46	7.33	14.0	1820	1.39	0.49	2.50	0.31	42.9	8.6	8	22.1	13.0
M356999		4.58	<0.005	0.07	7.33	2.0	2140	1.32	0.13	2.74	0.10	44.3	8.1	11	10.20	6.8
M357000		6.78	<0.005	0.08	7.28	2.5	2130	1.38	0.13	2.64	0.08	47.2	7.5	14	7.98	6.9
N812737		3.87	<0.005	0.07	7.11	2.1	2080	1.28	0.09	2.57	0.09	46.1	7.9	11	8.63	6.5
N812738		0.22	4.56	>100	5.58	8170	390	0.98	56.3	1.94	232	33.4	8.7	15	12.00	1270
N812739		7.46	0.006	0.36	7.08	21.1	1880	1.29	0.36	2.61	0.50	39.1	8.9	9	24.9	17.2
N812740		4.35	<0.005	0.12	7.27	5.3	2090	1.20	0.14	2.42	0.21	41.9	7.7	9	15.25	7.0
N812741		2.96	<0.005	0.15	7.21	8.6	1480	1.33	0.18	2.20	0.36	37.0	8.1	6	22.4	10.6
N812742		2.68	<0.005	0.17	6.41	11.5	1630	1.32	0.17	4.09	0.57	41.2	8.0	8	17.00	8.8
N812743		5.07	<0.005	0.14	7.01	12.2	1910	1.41	0.18	2.81	0.15	38.7	7.7	8	22.7	13.6
N812744		1.61	<0.005	0.11	6.93	9.5	1730	1.35	0.17	2.44	0.12	36.7	7.0	7	23.6	11.9
N812745		8.88	<0.005	0.06	7.55	3.3	2310	1.28	0.15	2.50	0.10	45.9	8.1	8	9.79	6.3
N812746		8.88	<0.005	0.10	7.46	3.2	2250	1.38	0.23	2.80	0.09	45.4	7.4	11	8.24	16.4
N812747		5.50	<0.005	0.06	7.34	2.9	2280	1.34	0.13	2.67	0.08	48.3	7.9	13	7.21	5.6
N812748		2.15	0.059	0.89	6.62	253	1120	1.45	0.25	3.92	3.48	41.2	6.6	7	18.95	15.4
N812749		7.32	<0.005	0.11	7.52	10.8	1890	1.40	0.15	2.78	0.15	42.1	7.5	10	15.15	6.0
N812750		7.81	<0.005	0.09	7.30	5.9	2120	1.35	0.13	2.77	0.07	43.1	8.1	8	12.00	11.0
N812751		<0.02	<0.005	0.10	7.54	5.7	2200	1.31	0.14	2.81	0.09	46.6	8.1	11	12.15	11.9
N812752		5.51	<0.005	0.11	7.46	6.4	2060	1.31	0.12	2.46	0.16	43.7	7.8	7	13.65	6.0
N812753		2.48	0.115	2.36	7.29	10.9	1720	1.26	0.20	1.99	34.1	43.5	5.9	5	15.20	20.2
N812754		7.39	<0.005	1.16	7.47	4.6	1970	1.39	0.14	2.80	0.14	42.9	6.8	9	13.00	18.1
N812755		5.06	<0.005	0.30	7.38	10.0	1890	1.46	0.21	2.38	2.46	44.5	11.2	8	11.95	6.1
N812756		2.86	<0.005	0.35	6.96	16.7	2360	1.52	0.32	2.95	0.25	42.5	6.1	5	19.25	3.0
N812757		2.27	<0.005	0.01	0.07	<5	40	<0.05	0.02	21.0	0.07	1.26	1.7	<1	0.23	1.4
N812758		8.13	<0.005	0.10	7.20	7.1	2030	1.41	0.12	2.80	0.08	44.5	7.9	10	12.70	7.0
N812759		8.76	<0.005	0.10	6.72	6.3	1960	1.34	0.16	3.08	0.12	40.4	7.7	9	12.20	8.1
N812760		7.59	<0.005	0.09	6.88	6.0	2110	1.30	0.17	3.21	0.12	41.8	8.5	8	9.94	5.8
N812761		0.24	4.44	>100	5.44	8280	220	0.90	56.6	1.92	229	31.9	8.5	15	11.95	1265
N812762		4.19	<0.005	0.16	7.24	8.4	2970	1.37	0.18	2.82	0.26	43.8	8.1	8	11.20	6.2
N812763		3.27	0.008	0.30	6.57	46.0	1730	1.23	0.14	4.16	0.43	42.0	7.9	5	21.4	6.9
N812764		2.75	0.022	2.01	7.04	147.0	1240	1.43	0.15	2.62	14.25	42.7	7.4	7	19.75	20.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356993		3.99	15.80	0.15	0.8	0.167	2.71	22.3	16.9	1.01	1860	0.54	0.93	6.6	2.8	550
N812792		3.21	17.55	0.14	0.9	0.065	2.80	20.6	21.7	0.74	660	0.61	1.53	7.6	3.1	610
M356995		2.90	17.20	0.15	1.0	0.037	2.67	26.8	19.4	0.67	860	0.45	1.35	7.2	2.9	580
M356996		2.93	16.80	0.12	0.8	0.069	2.32	22.8	90.6	0.87	1900	0.44	0.07	6.9	2.9	570
M356997		0.50	0.37	<0.05	<0.1	<0.005	0.05	1.1	1.5	12.35	226	0.17	0.01	0.4	3.6	180
M356998		3.33	18.15	0.12	1.0	0.061	2.74	20.9	32.6	0.76	901	0.41	0.77	7.5	2.7	630
M356999		3.09	17.90	0.13	1.1	0.040	2.57	21.4	14.8	0.90	666	0.52	2.20	7.8	3.0	640
M357000		2.98	17.50	0.12	1.1	0.048	2.55	23.3	14.2	0.84	658	0.74	2.14	7.6	3.1	610
N812737		2.87	17.40	0.14	1.2	0.035	2.49	22.5	13.2	0.79	627	0.82	2.15	7.5	3.0	600
N812738		8.03	13.95	0.24	1.0	4.82	2.28	17.2	27.2	0.63	3160	15.00	0.09	5.5	13.0	470
N812739		2.98	17.40	0.11	1.1	0.062	2.62	18.8	55.7	0.73	738	0.59	0.68	7.4	3.2	620
N812740		3.05	17.70	0.13	1.1	0.053	2.64	20.4	41.4	0.73	832	0.80	0.69	7.5	2.9	610
N812741		2.90	18.25	0.13	1.0	0.053	2.75	17.7	52.1	0.69	966	0.60	0.10	7.7	2.7	620
N812742		3.23	16.25	0.15	1.0	0.048	2.53	19.9	53.0	1.12	1280	0.72	1.10	7.3	3.1	580
N812743		2.93	17.55	0.11	1.0	0.045	2.58	18.6	39.1	0.76	721	0.77	1.09	7.4	3.0	630
N812744		2.83	17.10	0.13	1.0	0.044	2.56	17.8	43.3	0.68	634	0.85	0.99	7.3	2.8	580
N812745		3.11	18.25	0.14	1.1	0.045	2.64	22.4	20.7	0.77	711	0.92	1.57	7.8	2.9	640
N812746		3.06	17.80	0.13	1.0	0.057	2.59	22.3	12.5	0.85	680	0.73	2.11	8.1	2.9	620
N812747		2.98	17.50	0.13	1.1	0.048	2.60	23.9	11.3	0.83	658	0.52	2.14	7.7	2.8	610
N812748		3.17	16.25	0.13	1.0	0.092	2.71	20.3	17.9	1.28	1970	0.78	0.67	7.2	3.1	680
N812749		3.05	17.95	0.13	1.0	0.050	2.37	20.7	15.9	0.79	712	0.38	2.03	7.7	3.1	630
N812750		2.93	17.50	0.14	1.0	0.053	2.57	21.1	13.6	0.77	654	0.46	2.04	7.5	3.0	620
N812751		2.92	17.50	0.13	1.0	0.054	2.70	23.0	13.8	0.79	658	0.46	2.07	7.6	3.0	640
N812752		3.07	17.80	0.13	1.0	0.041	2.49	21.1	24.5	0.79	642	0.53	1.55	7.8	2.8	630
N812753		2.68	17.10	0.14	0.9	0.079	2.52	22.3	35.5	0.76	864	0.65	0.33	6.6	2.4	580
N812754		3.10	17.70	0.13	1.0	0.049	2.51	20.8	15.2	0.81	685	0.54	1.94	7.6	3.0	650
N812755		3.29	18.00	0.14	1.0	0.164	2.65	21.7	27.2	0.82	948	0.44	1.28	7.6	2.7	610
N812756		3.50	17.15	0.15	0.9	0.227	2.22	20.9	37.8	0.87	1270	0.19	1.17	7.4	2.9	600
N812757		0.49	0.20	<0.05	<0.1	<0.005	0.02	0.6	1.0	12.80	222	0.11	0.01	0.3	3.5	190
N812758		3.09	17.40	0.14	1.0	0.036	2.50	21.0	18.8	0.81	700	0.71	1.74	7.4	2.8	610
N812759		2.72	16.80	0.12	1.0	0.035	2.41	19.1	16.4	0.86	749	1.19	1.85	7.3	4.4	600
N812760		2.96	17.00	0.13	1.0	0.041	2.46	19.9	15.6	0.79	864	0.96	1.89	7.4	3.1	610
N812761		8.03	13.80	0.24	1.0	4.83	2.27	16.0	27.9	0.62	3130	15.45	0.08	5.4	12.5	470
N812762		3.08	17.50	0.12	0.9	0.039	2.55	21.1	14.6	0.83	765	0.86	2.01	7.5	2.8	640
N812763		2.77	16.55	0.12	1.0	0.051	2.62	22.0	67.3	0.79	1050	1.07	0.70	7.4	2.9	590
N812764		3.21	17.20	0.13	1.1	0.130	3.12	22.1	40.9	0.78	2050	1.03	0.49	7.9	2.8	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M356993		288	118.5	<0.002	1.34	17.35	9.9	1	2.9	256	0.49	0.11	11.1	0.244	1.70	3.8
N812792		26.5	107.0	<0.002	0.19	5.34	10.7	1	2.1	351	0.58	<0.05	11.1	0.266	1.47	3.0
M356995		29.7	86.8	<0.002	0.02	4.80	10.0	1	1.8	333	0.56	<0.05	13.3	0.255	1.15	2.8
M356996		117.0	88.2	<0.002	0.25	14.60	10.4	1	2.1	203	0.51	<0.05	11.0	0.247	1.72	2.4
M356997		1.9	2.7	<0.002	<0.01	0.11	0.3	1	<0.2	54.5	<0.05	<0.05	0.3	0.005	0.02	0.5
M356998		47.3	96.6	<0.002	0.18	8.83	10.8	1	2.0	280	0.60	<0.05	11.8	0.276	1.41	2.9
M356999		17.6	93.8	<0.002	<0.01	1.10	11.2	1	1.7	415	0.60	<0.05	13.0	0.276	0.98	3.3
M357000		16.8	93.1	<0.002	0.01	0.96	10.9	1	1.7	405	0.62	<0.05	14.1	0.262	0.95	3.9
N812737		16.9	90.5	<0.002	0.01	0.82	10.7	1	1.6	396	0.60	<0.05	14.4	0.254	0.92	3.7
N812738		9910	134.5	<0.002	7.23	233	6.8	2	9.1	124.0	0.45	0.48	8.9	0.189	2.19	5.1
N812739		36.2	90.1	<0.002	0.11	10.45	10.6	1	1.8	249	0.58	<0.05	12.8	0.266	1.32	2.9
N812740		24.1	91.3	<0.002	0.03	9.46	10.4	1	2.0	231	0.60	<0.05	12.6	0.264	1.23	4.4
N812741		20.3	87.2	<0.002	0.07	12.80	10.4	1	2.5	157.0	0.59	<0.05	11.3	0.273	1.49	2.2
N812742		39.0	82.6	<0.002	0.08	6.06	10.3	1	1.9	317	0.60	<0.05	10.9	0.254	1.35	3.7
N812743		16.6	85.0	<0.002	0.07	9.19	9.8	1	1.9	309	0.65	<0.05	10.9	0.268	1.36	3.0
N812744		14.9	88.5	<0.002	0.06	8.36	9.6	1	2.1	284	0.65	<0.05	11.3	0.255	1.41	3.0
N812745		18.1	94.0	<0.002	0.01	4.83	11.1	1	1.9	333	0.62	<0.05	13.1	0.278	1.03	3.1
N812746		18.2	94.9	<0.002	0.02	1.74	11.0	1	2.2	402	0.77	<0.05	11.8	0.266	1.03	3.9
N812747		19.3	90.1	<0.002	0.02	1.45	10.8	1	1.8	407	0.71	<0.05	13.2	0.263	1.02	4.1
N812748		141.0	110.5	<0.002	0.36	12.60	10.4	1	2.0	238	0.60	<0.05	11.0	0.253	2.11	4.3
N812749		19.5	90.9	<0.002	0.05	4.49	10.8	1	1.8	414	0.64	<0.05	12.8	0.272	1.16	3.6
N812750		17.7	94.7	<0.002	0.03	3.11	10.9	1	1.8	401	0.60	<0.05	12.8	0.268	1.19	3.3
N812751		18.4	99.7	<0.002	0.03	3.19	11.4	1	1.8	411	0.62	<0.05	13.1	0.271	1.25	3.8
N812752		20.1	82.8	<0.002	0.01	8.36	11.0	1	1.8	387	0.67	<0.05	12.6	0.271	1.02	3.6
N812753		193.0	94.6	<0.002	0.20	19.20	10.5	1	2.7	167.0	0.59	<0.05	12.3	0.245	1.41	3.9
N812754		36.9	85.7	<0.002	0.01	4.09	10.9	1	1.7	415	0.66	<0.05	14.1	0.273	1.11	3.8
N812755		111.0	103.0	<0.002	0.13	5.57	11.1	1	2.1	284	0.63	<0.05	13.2	0.272	1.54	3.1
N812756		23.2	84.5	<0.002	0.13	11.80	9.9	1	3.0	203	0.59	<0.05	12.2	0.260	1.85	3.6
N812757		1.5	1.5	<0.002	<0.01	0.05	0.2	1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812758		16.8	83.6	<0.002	0.04	3.40	10.2	1	1.7	381	0.63	<0.05	12.6	0.263	1.13	3.6
N812759		19.1	79.3	<0.002	0.04	1.98	9.9	1	1.7	376	0.61	<0.05	11.3	0.258	1.12	3.2
N812760		18.2	81.5	<0.002	0.05	2.62	10.3	1	1.7	419	0.61	<0.05	12.2	0.265	1.06	3.7
N812761		9840	127.0	<0.002	7.16	230	6.6	1	9.2	122.0	0.46	0.48	8.5	0.188	2.16	5.2
N812762		25.4	88.4	<0.002	0.03	2.31	10.7	1	1.8	455	0.61	<0.05	13.1	0.276	1.08	3.7
N812763		23.3	90.0	<0.002	0.15	6.73	9.4	1	1.8	347	0.65	<0.05	11.6	0.256	1.80	3.9
N812764		567	135.5	<0.002	0.55	10.70	11.1	1	2.1	238	0.70	<0.05	13.0	0.267	2.38	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224022

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
M356993		69	2.7	13.6	640	19.5		
N812792		76	1.3	14.7	72	22.5		
M356995		73	3.3	15.3	60	23.4		
M356996		72	3.3	14.8	104	20.3		
M356997		3	0.1	1.1	17	0.5		
M356998		81	1.5	15.4	64	23.8		
M356999		81	0.5	16.8	50	24.4		
M357000		75	0.6	16.9	47	25.6		
N812737		72	0.7	16.3	47	27.0		
N812738		54	4.6	9.3	>10000	29.5	118	1.640
N812739		78	2.4	15.5	86	26.0		
N812740		77	3.0	15.6	61	24.7		
N812741		78	4.6	14.0	83	24.6		
N812742		76	3.0	16.7	96	23.8		
N812743		77	2.1	14.4	54	23.6		
N812744		72	1.7	13.6	49	23.3		
N812745		78	2.6	16.8	53	25.2		
N812746		76	1.2	17.3	49	22.3		
N812747		76	1.0	16.6	47	23.1		
N812748		78	2.6	16.7	278	21.4		
N812749		77	1.8	15.5	53	22.3		
N812750		79	1.2	15.6	48	22.2		
N812751		80	1.2	16.5	48	23.9		
N812752		79	6.7	15.9	57	23.2		
N812753		71	4.2	14.5	2160	19.3		
N812754		78	2.1	15.8	51	21.9		
N812755		79	1.8	14.6	179	21.7		
N812756		74	2.2	14.8	69	19.9		
N812757		2	0.1	0.9	17	<0.5		
N812758		76	1.2	15.2	50	21.9		
N812759		75	0.7	15.1	53	21.7		
N812760		78	1.8	15.5	52	22.3		
N812761		53	4.5	8.9	>10000	29.2	119	1.645
N812762		80	0.9	15.8	66	21.4		
N812763		73	2.1	16.3	70	22.8		
N812764		77	3.2	15.4	1030	24.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12224022

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
This copy reported on 2-OCT-2012
Account: ROCKHA

CERTIFICATE WH12225368

Project: Klaza-117

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12225368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
M357119		0.03	7.27	0.9	1280	1.42	0.09	2.47	0.07	44.2	6.7	9	12.65	2.8	2.58	15.45
M357120		0.05	7.01	2.7	1230	1.21	0.11	2.56	0.06	37.0	6.0	9	13.20	5.1	2.50	14.30
M357121		0.09	6.63	6.9	1030	1.11	0.09	2.67	0.11	35.4	6.0	8	17.80	4.2	2.39	13.95
M357122		0.06	6.80	6.0	920	1.07	0.11	2.37	0.18	37.9	5.4	8	18.90	4.6	2.18	13.65
M357123		0.25	6.73	14.8	590	0.97	0.25	2.00	0.33	41.1	5.4	7	15.55	9.0	1.90	12.35
M357124		0.26	6.99	16.5	610	1.09	0.26	2.07	0.34	45.0	6.0	9	17.15	10.3	2.03	13.90
M357125		0.28	6.77	9.2	940	1.25	0.39	2.61	0.39	36.9	6.0	10	17.10	16.2	2.44	14.05
M357126		0.26	6.72	13.5	510	1.06	0.16	3.35	0.26	44.9	5.8	10	17.15	7.1	2.29	13.55
M357127		0.11	6.75	10.1	740	1.19	0.18	2.50	0.23	39.3	5.7	8	18.15	9.3	2.19	13.40
M357128		0.77	6.73	42.1	920	1.20	0.55	2.37	9.75	38.0	5.6	8	16.30	47.6	2.09	13.90
M357129		0.19	6.85	8.6	1550	1.36	0.33	2.70	0.37	37.8	5.7	9	14.20	23.8	2.39	14.10
M357130		9.43	6.53	1540	1230	1.31	6.27	1.84	43.2	42.9	14.8	19	15.60	102.0	5.06	14.30
M357131		1.14	6.82	45.9	800	1.14	0.27	2.48	1.37	48.4	5.0	7	16.55	20.8	2.48	13.40
M357132		1.11	4.20	63.3	3040	0.93	0.25	6.05	4.34	30.5	3.7	4	12.95	5.7	3.55	8.63
M357133		1.50	4.56	130.0	1710	0.98	0.11	4.35	7.64	34.1	4.2	5	12.85	8.8	2.78	9.24
M357134		0.70	6.68	17.8	650	0.99	0.06	2.67	0.39	43.3	6.0	8	17.65	12.2	1.98	13.00
M357135		0.55	6.94	14.5	5480	1.08	0.06	3.52	0.45	45.0	5.5	8	14.50	21.4	2.40	12.60
M357136		0.14	6.94	10.0	1180	1.14	0.09	2.45	0.17	41.3	5.2	9	16.75	10.2	2.29	14.10
M357137		0.18	7.01	10.8	990	1.14	0.09	2.43	0.14	41.7	5.0	8	17.10	11.7	2.30	14.20
M357138		0.57	6.28	18.7	7120	1.00	0.10	3.06	0.61	41.8	4.6	7	17.95	9.9	2.13	11.65
M357139		0.34	6.43	17.2	1370	1.27	0.26	2.81	0.37	43.6	5.3	7	20.4	6.8	2.01	12.60
M357140		0.41	6.99	19.9	560	1.42	0.53	2.41	0.18	47.7	5.9	8	21.3	11.0	2.26	14.20
M357141		0.22	7.12	4.3	1730	1.40	0.58	1.60	0.17	42.8	6.2	8	15.30	11.0	2.37	14.65
M357142		1.78	7.91	10.1	1130	1.77	15.70	6.59	0.42	45.8	9.8	6	27.9	2.4	4.95	26.8
M357143		0.02	0.11	<5	40	0.08	0.05	20.5	0.05	1.54	0.7	<1	0.34	1.4	0.47	0.36
M357144		0.25	6.89	8.6	710	1.53	0.94	2.51	0.44	45.5	5.6	8	20.7	10.8	2.32	13.75
M357145		0.18	7.00	12.8	1210	1.57	0.09	2.47	0.42	42.8	6.3	9	15.75	15.9	2.42	14.90
M357146		38.0	5.98	6060	470	1.38	0.88	2.39	93.0	42.8	5.5	6	16.70	682	5.38	12.35
M357147		0.10	0.05	<5	50	0.06	0.02	21.2	0.18	1.17	0.7	<1	0.17	2.7	0.47	0.20
M357148		0.36	6.56	22.2	840	1.49	0.20	2.29	1.18	40.9	5.1	7	19.00	10.8	2.17	13.55
M357149		1.17	6.44	17.5	770	1.62	0.45	2.86	0.58	39.0	6.4	8	22.1	25.1	2.48	14.05
M357150		0.53	6.26	23.3	480	1.50	0.27	3.23	0.50	42.2	6.7	6	38.1	24.6	2.14	13.45
M357151		0.16	6.56	9.9	1930	1.61	0.25	2.99	0.24	38.4	6.9	6	22.4	17.3	2.35	14.30
M357152		10.50	6.88	1635	1310	1.73	6.35	1.93	44.3	46.5	17.9	20	17.25	115.5	5.29	15.45
M357153		0.13	7.29	4.6	1880	1.74	0.15	2.27	0.15	52.8	5.1	9	14.60	10.3	2.11	14.70
M357154		0.11	7.05	3.2	1800	1.92	0.20	2.55	0.18	44.6	4.9	11	14.45	9.6	2.01	14.60

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12225368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
M357119		0.10	0.9	0.023	2.48	22.9	15.9	0.67	544	0.35	2.08	9.4	3.5	440	13.3	90.4
M357120		0.09	0.9	0.022	2.45	19.3	21.0	0.68	571	0.35	2.04	9.0	3.2	430	12.5	86.1
M357121		0.11	0.9	0.020	2.31	18.0	49.8	0.71	601	0.32	0.98	8.1	3.2	410	12.4	79.2
M357122		0.09	0.8	0.023	2.15	20.1	64.1	0.66	535	0.31	0.75	8.0	2.8	410	14.3	78.3
M357123		0.08	0.9	0.027	2.10	22.6	77.9	0.69	647	183.0	0.11	7.7	2.9	380	24.7	79.9
M357124		0.11	0.9	0.030	2.17	24.8	87.2	0.70	680	182.0	0.11	8.7	3.5	390	27.1	86.1
M357125		0.09	1.0	0.035	2.39	19.0	32.0	0.74	702	14.55	0.97	8.6	3.4	410	33.2	80.3
M357126		0.09	0.9	0.024	2.33	24.5	53.8	0.94	830	64.1	0.04	8.2	3.2	390	18.5	79.9
M357127		0.11	0.9	0.032	2.41	20.7	37.6	0.79	751	50.6	0.13	8.2	2.8	390	17.5	93.7
M357128		0.09	1.0	0.119	2.58	19.9	30.7	0.70	1210	3.94	0.14	8.5	2.8	400	306	102.5
M357129		0.10	1.0	0.046	1.79	19.3	76.7	0.79	774	7.02	0.62	8.8	3.2	410	29.3	65.0
M357130		0.15	1.3	0.957	2.81	22.1	24.1	0.68	2000	11.95	0.26	7.5	13.8	510	1365	154.5
M357131		0.09	0.9	0.149	2.04	27.3	65.5	0.90	1820	5.33	0.04	8.0	2.8	370	156.5	99.9
M357132		0.10	0.6	0.154	1.85	17.4	15.8	2.23	4580	8.43	0.02	4.8	2.8	220	259	109.0
M357133		0.11	0.6	0.062	2.07	19.7	24.3	1.51	3100	6.76	0.03	5.0	2.7	240	866	135.0
M357134		0.09	0.8	0.019	2.34	24.6	211	0.91	1030	3.56	0.04	7.8	3.2	380	15.8	94.9
M357135		0.10	0.8	0.020	1.53	25.4	138.5	1.17	1140	7.64	0.14	7.9	3.0	420	22.9	73.3
M357136		0.10	0.9	0.021	2.24	21.5	93.3	0.75	694	0.56	0.30	8.8	2.9	430	30.5	78.6
M357137		0.09	0.9	0.019	2.33	21.9	80.4	0.77	738	0.51	0.29	8.7	2.9	420	14.0	87.5
M357138		0.09	0.8	0.029	2.08	23.5	148.5	1.04	1140	5.07	0.03	7.6	2.8	350	65.8	92.7
M357139		0.11	0.7	0.017	2.38	25.8	129.0	1.00	973	1.25	0.04	7.6	2.8	350	25.1	122.0
M357140		0.12	0.9	0.025	2.74	26.6	114.0	0.92	954	3.32	0.04	8.7	3.3	380	16.1	147.0
M357141		0.09	0.8	0.032	2.23	23.1	58.7	0.69	753	1.04	0.57	8.6	3.3	430	16.8	102.5
M357142		0.12	1.1	0.963	3.88	21.6	25.9	0.79	2500	0.26	0.18	10.5	4.3	590	23.7	135.0
M357143		0.11	<0.1	0.009	0.04	0.7	1.6	12.50	209	0.12	0.02	0.3	1.9	200	1.5	2.6
M357144		0.19	0.9	0.067	3.03	25.0	29.0	0.86	992	3.87	0.06	8.9	2.8	370	10.0	160.0
M357145		0.16	0.9	0.030	2.62	21.6	31.7	0.66	610	1.01	1.42	9.1	3.6	420	38.0	105.5
M357146		0.11	0.8	1.450	2.47	24.1	24.6	0.65	2010	2.75	0.24	7.6	2.7	310	7850	153.5
M357147		0.14	<0.1	<0.005	0.02	0.5	1.2	13.00	209	0.14	0.01	0.1	1.7	170	11.3	1.2
M357148		0.17	0.9	0.045	2.33	20.9	46.1	0.57	987	0.93	0.63	8.4	2.9	360	82.5	99.7
M357149		0.15	0.8	0.061	2.79	20.4	27.8	0.79	1970	17.65	0.41	8.6	2.8	370	82.1	121.5
M357150		0.15	0.9	0.033	2.82	22.4	22.1	0.83	1510	107.0	0.05	7.7	2.8	370	53.0	162.0
M357151		0.14	1.0	0.026	2.98	18.6	15.5	0.69	921	1.65	0.74	7.4	2.6	510	15.5	136.5
M357152		0.11	1.2	0.921	2.98	22.7	26.0	0.72	2030	13.50	0.28	8.0	16.8	530	1430	174.5
M357153		0.14	1.4	0.026	3.04	26.3	19.1	0.52	526	1.94	2.01	8.0	2.1	430	22.5	132.0
M357154		0.15	1.3	0.027	3.02	23.3	12.0	0.49	600	3.52	1.85	7.8	2.0	390	20.2	136.0

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12225368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
M357119		<0.002	0.01	1.58	8.9	1	1.1	338	0.91	<0.05	15.2	0.246	0.67	2.5	71	1.6
M357120		<0.002	0.04	4.39	8.0	1	1.0	329	0.91	<0.05	13.6	0.234	0.67	2.6	67	1.2
M357121		<0.002	0.07	4.96	7.5	1	1.0	242	0.85	<0.05	14.0	0.228	0.77	3.0	66	2.9
M357122		<0.002	0.07	5.77	7.5	1	1.0	216	0.80	<0.05	14.2	0.226	0.71	3.1	65	2.1
M357123		0.050	0.30	12.80	7.2	1	1.0	118.5	0.84	0.06	16.0	0.207	1.07	4.4	58	6.1
M357124		0.045	0.30	13.70	7.9	1	1.1	128.5	0.92	0.05	17.8	0.217	1.14	4.9	61	6.8
M357125		0.004	0.56	7.76	7.4	1	1.2	244	0.89	0.08	14.2	0.231	1.02	3.6	67	4.0
M357126		0.014	0.24	10.95	7.8	1	1.1	164.0	0.81	<0.05	14.9	0.221	1.39	3.9	63	5.5
M357127		0.017	0.21	17.70	7.3	1	1.1	117.0	0.88	<0.05	14.7	0.216	1.37	4.7	62	4.3
M357128		<0.002	0.26	18.85	7.3	1	1.4	111.5	0.94	0.05	14.9	0.214	1.58	5.2	62	4.5
M357129		0.002	0.24	13.10	7.6	1	1.2	203	0.95	<0.05	14.6	0.225	0.95	4.0	65	5.3
M357130		<0.002	3.05	35.2	8.0	1	5.9	150.5	0.65	0.36	12.5	0.209	2.46	5.3	57	5.8
M357131		<0.002	0.25	17.05	7.4	1	1.3	103.0	0.84	<0.05	17.4	0.205	1.32	5.7	59	5.3
M357132		0.002	0.35	15.35	4.9	1	0.9	115.5	0.46	<0.05	10.7	0.126	1.29	4.2	42	3.9
M357133		<0.002	0.55	20.2	5.2	1	0.8	165.5	0.55	<0.05	11.4	0.136	1.64	8.7	45	3.9
M357134		<0.002	0.29	31.7	7.3	1	1.0	140.0	0.84	<0.05	15.7	0.206	1.33	7.4	58	12.4
M357135		0.002	0.29	17.80	7.2	1	1.0	252	0.79	<0.05	16.2	0.218	0.91	4.5	60	10.1
M357136		<0.002	0.12	18.50	7.8	1	1.2	176.0	0.91	<0.05	15.5	0.229	1.28	4.2	66	7.1
M357137		<0.002	0.12	17.75	8.1	1	1.2	164.0	0.94	<0.05	16.0	0.226	1.35	4.7	66	6.6
M357138		0.002	0.39	10.20	6.8	1	0.9	176.5	0.87	<0.05	16.5	0.191	1.32	5.3	53	12.1
M357139		<0.002	0.24	14.60	7.4	1	0.9	141.0	0.64	<0.05	15.1	0.194	1.77	5.6	55	7.2
M357140		<0.002	0.19	6.85	8.4	1	1.1	112.0	0.77	<0.05	15.6	0.210	2.14	4.7	61	6.2
M357141		<0.002	0.10	7.46	8.6	1	1.2	137.0	0.71	<0.05	14.7	0.236	1.31	2.8	67	3.3
M357142		<0.002	0.34	8.48	9.3	1	26.5	258	0.92	<0.05	15.4	0.293	3.26	17.4	127	4.9
M357143		<0.002	0.01	0.07	0.2	1	0.2	51.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6	3	0.1
M357144		0.002	0.08	9.78	7.9	1	1.4	92.5	0.77	<0.05	16.5	0.202	2.31	4.2	56	3.4
M357145		<0.002	0.04	5.58	8.7	1	1.3	271	0.72	<0.05	12.9	0.231	1.13	2.8	66	2.4
M357146		<0.002	3.97	111.5	7.3	1	1.5	126.5	0.64	<0.05	14.5	0.172	1.73	4.4	50	3.8
M357147		<0.002	<0.01	0.21	0.2	<1	<0.2	52.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
M357148		<0.002	0.16	6.95	7.5	1	1.0	199.0	0.78	<0.05	14.1	0.202	1.37	4.6	57	3.6
M357149		0.002	0.16	12.05	7.5	1	1.4	164.0	0.72	<0.05	13.5	0.201	1.89	3.7	57	11.3
M357150		0.012	0.18	17.15	7.5	1	1.2	121.5	0.60	<0.05	14.9	0.187	2.22	4.0	52	15.3
M357151		<0.002	0.07	12.65	8.3	1	1.3	180.5	0.60	<0.05	11.5	0.215	1.90	3.5	57	2.8
M357152		0.003	3.20	36.4	9.8	1	6.4	158.5	0.60	0.25	12.2	0.220	2.70	5.4	60	5.7
M357153		<0.002	0.02	5.36	7.4	1	1.3	319	0.78	<0.05	16.9	0.184	1.19	5.0	47	2.8
M357154		<0.002	0.03	6.03	7.1	<1	1.2	306	0.76	<0.05	16.8	0.171	1.33	3.9	44	1.6

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12225368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
M357119		13.4	39	23.9
M357120		11.9	37	22.8
M357121		11.6	40	22.5
M357122		11.4	40	22.2
M357123		11.2	53	22.7
M357124		12.6	57	26.6
M357125		11.0	75	27.2
M357126		12.3	65	26.1
M357127		10.9	61	25.5
M357128		11.5	1060	28.7
M357129		11.7	81	29.2
M357130		12.2	3040	40.3
M357131		12.5	136	25.4
M357132		10.8	355	16.4
M357133		10.6	733	16.8
M357134		11.4	52	22.6
M357135		13.3	84	22.9
M357136		11.2	52	26.4
M357137		11.6	48	25.3
M357138		12.2	83	21.9
M357139		10.4	63	24.5
M357140		11.4	47	27.2
M357141		10.7	47	27.9
M357142		14.8	119	34.9
M357143		1.0	13	<0.5
M357144		11.8	68	27.0
M357145		10.7	74	28.9
M357146		9.7	9390	25.4
M357147		0.8	21	<0.5
M357148		10.1	135	26.6
M357149		10.2	72	26.9
M357150		11.4	57	31.7
M357151		11.3	65	33.2
M357152		12.1	3170	43.0
M357153		13.1	37	47.3
M357154		12.8	36	40.9

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2012
Account: ROCKHA

Project: Klaza-117

CERTIFICATE OF ANALYSIS WH12225368

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
This copy reported on 2-OCT-2012
Account: ROCKHA

CERTIFICATE WH12225369

Project: Klaza-119

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12225369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
M359342		0.13	7.60	7.0	2190	1.81	0.08	2.69	0.13	53.8	9.0	12	8.70	8.6	3.16	17.25
M359343		0.11	7.73	8.2	2390	1.64	0.08	2.71	0.11	56.0	8.2	13	5.12	7.4	3.01	17.30
M359344		0.08	7.43	5.3	2190	1.68	0.07	2.42	0.09	47.7	7.1	12	6.80	5.7	2.74	15.65
M359345		0.08	7.75	7.3	2140	1.87	0.09	2.71	0.09	47.4	7.2	12	9.15	5.0	2.73	16.15
M359346		0.09	7.22	4.2	2100	1.78	0.08	2.50	0.09	45.3	7.2	13	8.41	6.4	2.74	15.45
M359347		0.09	7.32	4.3	2010	1.76	0.10	2.70	0.09	47.4	7.0	11	7.91	5.0	2.63	15.60
M359348		0.09	7.57	3.0	2160	1.77	0.08	2.64	0.08	51.2	7.4	15	5.19	5.2	2.76	16.65
M359349		0.07	7.69	8.1	2210	1.75	0.07	2.66	0.09	53.1	7.5	12	6.14	5.3	2.80	16.60
M359350		0.10	7.42	7.1	2140	1.85	0.07	2.59	0.07	49.2	7.2	12	6.00	5.1	2.70	16.25
M359351		0.09	7.60	5.4	2190	1.73	0.09	2.49	0.08	49.9	6.9	13	5.46	5.2	2.66	15.60
M359352		10.30	6.71	1620	1210	1.65	6.12	1.90	43.1	44.9	17.4	20	16.75	111.0	5.20	14.85
M359353		0.12	7.27	6.6	2190	1.72	0.09	2.54	0.13	48.8	7.4	13	8.45	5.8	2.81	15.45
M359354		0.14	5.87	5.0	1030	1.65	0.07	3.61	0.10	38.7	7.5	9	15.10	4.9	2.70	14.20
M359355		0.07	6.18	4.6	1000	1.59	0.09	3.29	0.08	38.0	7.1	10	14.40	3.9	2.60	14.20
M359356		0.02	0.06	<5	20	0.05	0.03	20.4	0.05	0.99	0.7	<1	0.19	1.5	0.46	0.19
M359357		0.15	7.25	3.5	2010	2.07	0.23	2.54	0.11	47.2	7.9	11	8.94	8.6	2.90	16.05
M359358		0.09	7.16	3.7	2170	1.65	0.10	2.60	0.09	45.0	7.8	13	10.70	5.2	2.87	15.75
M359359		0.09	6.91	3.6	2140	1.74	0.09	2.41	0.09	41.3	7.8	13	9.03	6.2	2.77	15.65
M359360		0.08	7.37	4.8	2210	1.68	0.10	2.39	0.07	46.9	7.4	12	8.76	5.6	2.81	15.50
M359361		0.09	7.42	5.9	2180	1.87	0.08	2.45	0.09	48.9	7.7	13	8.14	5.7	2.87	16.70
M359362		0.09	7.78	6.6	2180	1.54	0.10	2.51	0.08	50.7	8.4	10	8.63	10.3	3.13	17.50
M359363		0.10	7.67	4.7	2220	1.58	0.11	2.55	0.10	45.4	8.1	11	8.34	7.0	3.05	16.80
M359364		0.09	6.89	7.6	1440	2.47	0.34	1.80	0.07	46.9	4.6	11	9.49	3.7	1.94	15.55
M359365		0.07	6.57	5.4	2050	1.79	0.12	2.53	0.09	44.2	7.2	12	8.97	7.0	2.71	16.60
M359366		0.06	7.55	4.9	2360	1.62	0.10	2.70	0.10	46.2	7.6	12	7.17	6.5	2.99	16.75
M359367		0.04	6.79	4.9	1600	1.57	0.09	2.83	0.07	48.1	7.2	10	8.07	4.8	2.79	16.25
M359368		0.08	7.73	6.4	2460	1.68	0.07	2.65	0.10	47.7	8.5	12	7.29	8.1	3.21	17.30
M359369		0.06	7.55	5.9	2220	1.58	0.08	2.76	0.09	47.7	7.5	11	5.94	5.4	2.99	16.25
M359370		0.08	7.75	7.2	2510	1.58	0.06	2.83	0.11	48.6	8.0	13	6.19	5.8	3.20	17.45
M359371		<0.01	0.10	<5	30	0.08	0.03	21.0	0.06	1.36	0.7	<1	0.46	3.8	0.50	0.30
M359372		0.05	7.21	4.0	1230	1.42	0.08	3.23	0.08	51.5	7.5	9	7.54	5.1	2.94	16.20
M359373		0.10	7.69	5.3	2260	1.61	0.11	2.69	0.09	46.8	7.5	11	6.14	5.4	2.95	16.90
M359374		9.72	6.81	1850	770	1.33	6.51	2.01	42.7	49.8	16.6	20	17.30	117.0	5.42	14.50
M359375		0.12	7.73	10.2	2280	1.65	0.12	2.69	0.18	54.1	7.8	11	6.36	10.0	3.02	17.00
M359376		0.07	7.00	4.1	2410	1.55	0.07	2.75	0.10	46.6	7.8	19	5.60	5.7	2.92	16.80
M359377		0.08	7.78	6.5	2360	1.64	0.08	2.82	0.10	51.9	7.8	12	4.08	5.8	3.05	17.35

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12225369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
M359342		0.13	1.3	0.058	2.62	27.5	21.6	0.88	801	0.91	2.27	9.0	3.4	680	19.3	110.0
M359343		0.14	1.2	0.047	2.64	27.8	21.5	0.86	711	0.72	2.54	8.7	3.0	650	20.2	111.5
M359344		0.13	1.3	0.034	2.66	23.3	21.9	0.80	658	1.13	2.39	8.0	2.7	580	20.2	108.5
M359345		0.12	1.5	0.040	2.83	23.3	17.3	0.68	658	0.64	2.28	8.7	2.7	600	20.6	117.5
M359346		0.12	1.4	0.034	2.68	21.9	20.6	0.77	644	0.63	2.29	8.2	2.7	570	19.7	106.5
M359347		0.14	1.6	0.046	2.76	23.1	16.9	0.72	752	0.60	2.07	8.1	2.5	570	19.1	115.0
M359348		0.13	1.5	0.036	2.70	25.4	20.0	0.77	661	0.67	2.37	8.9	2.8	590	20.0	124.0
M359349		0.13	1.7	0.033	2.83	26.0	21.1	0.78	710	0.76	2.34	8.7	2.8	590	20.9	123.0
M359350		0.12	1.7	0.033	2.77	23.3	19.9	0.74	684	0.65	2.32	8.3	2.8	570	20.5	114.0
M359351		0.14	1.4	0.032	2.71	25.3	17.3	0.75	623	0.76	2.41	8.0	2.5	570	19.9	114.0
M359352		0.12	1.2	0.884	2.90	23.0	25.2	0.70	2000	13.40	0.27	7.8	16.1	510	1405	172.0
M359353		0.11	1.4	0.033	2.67	23.5	16.5	0.77	685	0.99	2.28	8.4	2.9	600	21.4	113.0
M359354		0.12	1.2	0.025	2.37	18.4	12.4	0.90	912	0.67	1.48	7.4	2.9	540	16.6	87.9
M359355		0.12	1.2	0.032	2.39	17.7	13.7	0.71	897	0.78	1.78	7.9	2.6	570	14.1	98.8
M359356		0.16	<0.1	0.005	0.02	0.5	1.1	12.50	202	0.10	0.01	0.1	1.8	160	1.2	1.3
M359357		0.20	1.7	0.041	2.55	22.5	13.3	0.78	716	2.52	2.35	9.3	2.8	610	24.7	109.5
M359358		0.14	1.3	0.029	2.65	19.9	14.9	0.73	652	43.5	2.26	8.0	3.1	620	22.7	99.0
M359359		0.16	1.3	0.045	2.58	20.1	21.6	0.74	630	4.24	2.26	8.2	2.7	590	18.9	96.3
M359360		0.14	1.3	0.030	2.57	23.2	25.5	0.73	601	1.23	2.20	8.2	2.5	600	19.1	98.8
M359361		0.13	1.3	0.035	2.57	23.8	29.7	0.77	659	1.45	2.52	8.4	2.8	610	18.2	106.5
M359362		0.16	1.6	0.039	2.56	25.3	30.6	0.91	739	1.16	2.58	8.4	3.3	690	19.6	106.0
M359363		0.14	1.4	0.038	2.62	22.3	30.2	0.82	709	1.38	2.23	7.8	2.7	620	21.2	102.5
M359364		0.19	2.6	0.023	3.06	23.0	18.2	0.50	530	3.03	2.47	10.0	1.7	360	28.9	206
M359365		0.17	1.7	0.036	2.57	20.9	23.8	0.75	675	1.39	2.34	8.2	2.4	560	20.3	99.4
M359366		0.16	1.5	0.037	2.59	22.1	28.3	0.89	709	1.33	2.38	7.7	2.4	610	19.7	95.6
M359367		0.14	1.6	0.033	2.45	22.6	16.6	0.77	778	1.77	2.26	7.8	2.4	560	18.7	109.5
M359368		0.16	1.6	0.045	2.65	23.5	21.2	1.00	783	3.40	2.50	7.7	2.7	650	20.7	104.5
M359369		0.18	1.5	0.039	2.56	23.0	20.9	0.87	720	2.25	2.35	7.6	2.3	600	20.6	98.2
M359370		0.14	1.6	0.036	2.58	22.6	22.9	0.92	760	1.48	2.48	8.0	2.5	630	21.3	90.0
M359371		0.12	<0.1	0.005	0.04	0.7	1.4	12.30	219	0.19	0.01	0.2	2.5	200	2.2	2.5
M359372		0.21	1.5	0.039	2.17	26.6	15.7	0.89	782	2.11	2.40	7.2	2.2	590	16.8	109.0
M359373		0.19	1.5	0.041	2.53	23.7	20.7	0.84	697	1.10	2.38	7.5	2.2	600	22.0	95.9
M359374		0.17	1.4	1.040	2.94	24.5	23.2	0.74	2150	12.55	0.28	7.6	18.0	530	1460	176.5
M359375		0.16	1.5	0.040	2.52	26.4	22.5	0.88	722	1.12	2.47	7.8	2.4	620	23.8	110.0
M359376		0.16	1.8	0.033	2.55	22.6	25.0	0.81	691	1.20	2.35	7.7	4.0	580	21.6	98.4
M359377		0.15	1.4	0.036	2.48	25.8	21.3	0.87	722	1.00	2.44	8.0	2.5	620	21.8	95.3

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12225369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
M359342		<0.002	0.01	7.40	12.5	1	1.9	413	0.61	<0.05	12.9	0.283	1.03	5.9	84	0.7
M359343		<0.002	0.01	1.29	11.6	1	1.6	478	0.64	<0.05	14.4	0.266	1.03	5.0	74	0.5
M359344		<0.002	0.01	1.51	10.2	1	1.4	427	0.60	<0.05	13.9	0.250	1.07	4.8	66	0.4
M359345		<0.002	0.02	9.09	10.2	1	1.5	384	0.71	<0.05	15.2	0.255	1.11	5.5	68	0.5
M359346		<0.002	0.01	1.46	10.3	1	1.5	399	0.66	<0.05	14.0	0.246	1.00	5.6	66	0.4
M359347		0.002	0.02	8.68	9.8	1	1.5	368	0.71	<0.05	14.3	0.241	1.06	5.6	64	0.4
M359348		<0.002	<0.01	1.44	10.9	1	1.6	400	0.69	<0.05	15.7	0.251	1.04	5.9	66	0.4
M359349		0.002	0.03	1.93	10.9	1	1.5	407	0.75	<0.05	15.1	0.255	1.14	6.1	68	0.7
M359350		0.002	0.03	1.93	10.0	1	1.5	397	0.74	<0.05	14.0	0.244	1.10	5.9	65	1.0
M359351		<0.002	<0.01	1.01	10.0	1	1.5	425	0.71	<0.05	15.5	0.241	1.02	5.9	64	0.6
M359352		0.002	3.15	35.7	9.2	1	6.3	155.0	0.60	0.27	11.9	0.214	2.68	5.3	58	5.6
M359353		<0.002	0.01	2.98	10.6	1	1.5	397	0.70	<0.05	14.3	0.251	1.04	5.6	69	0.6
M359354		<0.002	0.01	9.77	8.9	1	1.4	282	0.55	<0.05	9.6	0.234	1.21	2.9	63	1.2
M359355		0.004	0.01	8.16	9.4	<1	1.5	277	0.60	<0.05	10.0	0.244	1.24	2.4	63	1.8
M359356		<0.002	<0.01	0.08	0.3	<1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2	0.1
M359357		<0.002	<0.01	2.34	11.1	2	1.7	374	0.78	<0.05	15.1	0.255	1.10	5.0	73	2.7
M359358		0.009	0.01	2.86	10.4	1	1.5	406	0.63	<0.05	12.8	0.257	1.09	3.4	72	1.7
M359359		0.002	0.01	1.88	10.3	1	1.5	395	0.62	<0.05	12.5	0.246	0.99	4.6	69	0.9
M359360		<0.002	0.01	3.10	10.4	1	1.5	401	0.64	<0.05	13.3	0.255	0.99	3.9	67	2.2
M359361		<0.002	0.01	3.26	10.8	1	1.7	403	0.55	<0.05	13.4	0.254	0.99	4.1	69	2.6
M359362		<0.002	0.02	3.22	11.5	<1	1.6	406	0.72	<0.05	14.1	0.290	1.04	4.4	77	2.8
M359363		<0.002	0.01	2.55	11.1	1	1.5	405	0.65	<0.05	13.6	0.278	1.06	4.7	74	2.7
M359364		0.002	<0.01	2.87	7.1	1	1.7	255	1.47	<0.05	26.1	0.169	1.63	9.6	42	3.4
M359365		<0.002	<0.01	8.00	10.3	1	1.6	361	0.75	<0.05	13.5	0.257	1.08	5.0	66	1.8
M359366		<0.002	<0.01	1.24	10.4	1	1.6	429	0.68	<0.05	13.6	0.275	0.99	3.9	73	1.2
M359367		<0.002	<0.01	2.59	10.1	1	1.7	307	0.80	<0.05	13.5	0.255	1.05	4.0	68	1.4
M359368		<0.002	0.01	1.99	11.9	1	1.7	451	0.67	<0.05	12.8	0.296	1.09	4.4	84	3.4
M359369		<0.002	0.01	1.56	10.7	1	1.5	414	0.64	<0.05	13.2	0.274	1.00	4.1	71	0.9
M359370		<0.002	0.01	1.28	11.5	1	1.7	453	0.68	<0.05	12.7	0.291	0.95	3.9	77	0.9
M359371		<0.002	<0.01	0.07	0.2	<1	0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
M359372		<0.002	0.01	2.31	10.7	1	1.5	225	0.64	<0.05	13.4	0.266	1.04	3.3	69	1.7
M359373		<0.002	<0.01	1.46	10.6	<1	1.5	430	0.67	<0.05	13.3	0.267	0.98	4.2	70	0.8
M359374		0.002	3.17	37.8	8.8	2	6.5	152.0	0.71	0.30	13.4	0.219	2.82	5.8	60	5.8
M359375		<0.002	0.01	2.03	11.3	1	1.6	436	0.73	<0.05	14.7	0.273	1.03	4.3	74	1.2
M359376		<0.002	0.01	1.42	11.0	<1	1.6	401	0.69	<0.05	13.4	0.267	0.95	4.4	69	1.0
M359377		<0.002	0.01	1.48	11.4	1	1.7	424	0.70	<0.05	12.7	0.275	0.93	4.5	74	1.9

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12225369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
M359342		18.2	62	41.9
M359343		17.9	56	40.2
M359344		15.8	50	42.7
M359345		16.4	51	46.9
M359346		15.9	49	46.6
M359347		15.5	50	55.4
M359348		17.5	50	52.8
M359349		17.7	51	61.2
M359350		16.5	48	60.8
M359351		16.2	47	45.9
M359352		11.7	3110	42.0
M359353		16.5	52	44.5
M359354		12.9	47	41.1
M359355		11.8	47	40.4
M359356		0.7	10	<0.5
M359357		18.0	56	51.2
M359358		14.8	55	41.3
M359359		15.3	51	43.3
M359360		16.0	50	39.0
M359361		16.2	52	44.6
M359362		16.8	61	42.4
M359363		16.2	62	39.0
M359364		17.9	39	59.1
M359365		16.0	57	41.4
M359366		16.2	58	36.4
M359367		15.9	64	36.3
M359368		17.1	68	40.4
M359369		16.1	61	38.7
M359370		16.7	64	39.4
M359371		0.9	17	<0.5
M359372		15.3	69	35.8
M359373		16.1	60	37.2
M359374		12.8	3150	41.5
M359375		18.2	66	35.3
M359376		16.2	61	42.0
M359377		17.4	63	36.1

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-OCT-2012
Account: ROCKHA

Project: Klaza-119

CERTIFICATE OF ANALYSIS WH12225369

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
This copy reported on 11-OCT-2012
Account: ROCKHA

CERTIFICATE WH12230220

Project: Klaza-128

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

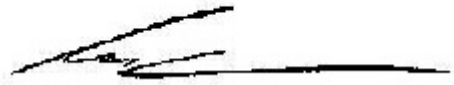
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608**

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12230220

Sample Description	Method	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
M354362		0.058	1.40	6.32	97.1	450	1.36	1.45	1.97	9.84	45.0	8.7	7	8.73	300	4.96
M354363		0.018	0.69	7.10	82.8	800	1.44	0.69	1.48	0.84	50.4	8.7	7	11.70	298	3.10
M354364		0.099	2.57	5.86	151.0	610	1.09	2.05	0.95	2.86	35.8	32.9	9	4.59	577	8.65
M354365		<0.005	0.04	0.08	<5	60	0.05	0.04	20.6	0.07	1.39	0.6	<1	0.15	3.8	0.48
M354366		0.046	0.92	7.15	94.4	1060	1.30	1.18	1.49	0.38	48.1	14.8	8	8.34	296	5.03
M354367		0.100	7.38	6.03	407	400	0.90	2.86	0.74	1.73	47.2	35.0	9	5.57	2130	8.60
M354368		0.033	0.64	6.94	101.0	1070	1.19	1.03	1.24	1.02	44.3	12.6	11	7.92	308	5.33
M354369		0.019	0.42	7.08	34.4	900	1.29	0.79	1.39	0.53	45.0	12.3	9	7.38	161.0	3.92
M354370		0.018	0.38	7.11	31.7	1590	1.31	0.75	1.38	0.50	45.0	11.7	10	7.38	151.0	3.77
M354371		0.028	0.64	7.00	67.5	620	1.37	0.78	1.40	1.07	37.3	9.1	9	9.98	206	3.36
M354372		0.023	0.91	7.19	73.4	340	1.48	1.93	1.28	0.28	48.7	9.5	8	11.55	410	3.62
M354373		0.016	0.93	7.25	71.6	920	1.46	2.10	1.39	0.40	51.7	11.6	10	10.70	386	4.49
M354374		0.113	3.29	6.93	218	150	1.29	2.65	0.63	2.20	50.5	23.6	8	7.98	696	8.55
M354375		0.019	0.79	7.09	51.3	880	1.26	1.77	1.40	0.57	46.2	10.7	10	9.74	255	4.95
M354376		0.288	>100	5.42	228	580	0.71	4.98	1.42	25.4	19.00	11.6	62	0.87	6180	5.73
M354377		0.014	0.69	6.69	19.5	280	1.35	0.91	2.13	0.53	35.7	8.9	9	10.45	247	3.51
M354378		0.030	0.74	6.86	36.1	270	1.48	1.46	2.27	8.23	34.7	7.1	8	12.80	149.0	4.17
M354379		0.015	0.39	6.52	9.0	390	1.54	0.72	3.00	0.44	35.7	8.0	8	12.30	174.5	3.18
M354380		0.042	0.31	6.81	6.0	840	1.59	0.67	2.20	0.33	40.8	7.8	9	10.55	124.5	2.60
M354381		0.159	1.30	7.18	14.9	800	1.39	1.41	2.57	1.48	36.0	10.9	115	11.10	716	4.94
M354382		0.389	2.01	7.11	19.6	660	1.54	1.30	2.26	1.00	33.2	9.9	58	12.10	1080	4.16
M354383		0.172	2.18	7.08	38.8	840	1.53	1.79	3.17	0.61	39.4	7.9	78	15.75	1315	3.95
M354384		2.30	25.8	5.80	3120	1470	1.37	18.95	2.17	81.0	45.3	10.6	17	14.50	446	6.55
M354385		0.010	0.38	7.51	16.5	540	1.68	0.81	1.76	0.47	45.7	7.9	9	11.30	277	3.53
M354386		0.009	0.60	7.22	39.8	500	1.40	4.73	2.15	0.48	43.3	10.6	9	11.10	379	4.01
M354387		0.009	0.63	7.35	66.0	920	1.34	1.06	1.74	0.33	51.0	7.8	7	13.90	358	3.28
M354388		0.466	25.2	5.11	248	340	1.11	66.0	1.39	2.31	30.1	9.0	5	8.12	269	9.61
M354389		<0.005	0.12	0.10	<5	20	0.06	0.10	19.00	0.05	0.95	0.8	<1	0.51	3.0	0.45
M354390		0.019	0.70	6.88	83.7	770	1.25	1.26	1.31	0.46	44.4	9.0	8	10.35	331	3.89
M354391		0.086	4.59	6.58	234	360	1.19	5.65	1.55	1.04	43.9	11.9	8	8.42	1365	5.63
M354392		0.012	0.49	7.39	35.8	630	1.35	0.87	1.74	0.42	45.4	6.6	8	11.20	183.5	3.22
M354393		0.012	0.40	7.28	23.4	590	1.22	0.91	1.62	0.53	43.5	7.2	8	9.68	139.0	3.11
M354394		0.011	0.40	7.05	9.8	470	1.50	0.76	2.06	0.41	42.3	6.3	10	10.35	143.5	2.90
M354395		0.016	0.55	6.54	26.4	320	1.31	0.92	2.36	2.59	37.5	11.1	7	9.38	196.0	3.73
M354396		0.017	0.39	7.29	20.9	600	1.33	0.76	2.24	0.35	41.7	6.4	7	11.20	138.5	2.93
M354397		0.015	0.52	7.16	18.3	360	1.59	1.02	2.32	0.55	49.2	7.5	8	13.75	260	3.52

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12230220

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
M354362		12.10	0.14	0.6	0.168	2.91	24.6	15.0	0.91	793	6.52	0.04	4.0	3.2	460	491
M354363		13.75	0.15	0.8	0.055	3.03	26.1	26.6	0.78	377	7.58	0.05	5.2	2.5	520	46.8
M354364		12.35	0.17	0.5	0.372	2.92	15.4	11.7	0.57	319	19.30	0.05	2.3	4.2	440	89.2
M354365		0.22	0.13	<0.1	<0.005	0.04	0.7	1.4	13.15	205	0.13	<0.01	0.2	1.7	250	1.9
M354366		14.55	0.18	0.7	0.094	3.37	23.3	13.6	0.81	387	7.13	0.06	2.9	3.3	520	30.6
M354367		14.30	0.19	0.5	0.629	2.93	25.3	11.3	0.50	373	8.43	0.06	2.3	3.9	440	152.5
M354368		13.50	0.16	0.7	0.115	3.11	23.9	16.5	0.70	278	16.15	0.05	3.0	3.2	550	43.6
M354369		13.25	0.16	0.7	0.063	3.30	21.9	17.1	0.79	226	25.1	0.21	3.9	2.9	520	26.4
M354370		12.90	0.17	0.7	0.061	3.38	21.7	17.0	0.78	225	25.0	0.21	3.8	2.7	520	25.4
M354371		13.80	0.14	0.7	0.083	3.34	18.1	11.2	0.78	300	11.60	0.37	3.5	2.8	550	61.5
M354372		14.35	0.16	0.9	0.102	3.27	25.4	24.9	0.83	317	15.65	0.05	4.7	3.0	520	21.6
M354373		13.70	0.17	0.7	0.093	3.28	26.1	16.7	0.78	291	7.22	0.06	4.1	3.0	520	24.5
M354374		15.25	0.18	0.7	0.239	3.30	26.0	13.6	0.51	398	10.60	0.06	3.3	3.6	500	108.5
M354375		13.60	0.19	0.7	0.068	3.15	22.8	16.8	0.76	305	9.98	0.05	3.7	2.7	530	30.4
M354376		11.60	0.14	1.4	0.420	1.16	9.2	13.1	1.12	1760	24.4	1.59	3.2	28.3	460	9850
M354377		13.65	0.15	0.7	0.070	3.29	15.9	13.2	0.68	186	7.51	0.66	4.5	2.8	510	31.0
M354378		14.65	0.15	0.7	0.296	3.23	14.9	25.2	0.67	287	9.18	0.38	4.4	2.7	540	121.5
M354379		13.65	0.15	0.7	0.059	2.47	15.5	16.7	0.76	225	6.87	0.83	4.6	2.6	520	21.2
M354380		14.00	0.14	0.7	0.044	2.45	19.3	13.5	0.85	161	5.74	1.07	4.8	3.2	550	16.8
M354381		16.20	0.13	1.7	0.181	3.68	18.7	28.3	1.66	367	14.50	0.08	4.9	36.3	630	29.0
M354382		19.25	0.15	1.6	0.202	3.66	17.3	22.7	1.11	475	3.22	0.08	5.1	23.0	640	33.1
M354383		18.30	0.14	1.5	0.217	3.32	20.7	23.2	1.51	689	8.04	0.05	5.5	27.4	630	20.4
M354384		14.15	0.15	1.1	1.770	2.69	26.2	23.1	0.91	1900	13.10	0.04	6.0	16.3	430	2790
M354385		15.55	0.15	0.9	0.079	3.48	21.3	17.4	0.91	145	6.84	0.29	5.1	3.2	560	23.7
M354386		12.90	0.14	0.9	0.111	3.22	20.8	19.6	0.87	206	7.15	0.17	4.8	3.1	530	24.7
M354387		13.75	0.13	0.7	0.085	3.14	24.8	14.7	0.89	273	7.27	0.05	4.6	2.8	520	20.7
M354388		10.80	0.14	0.4	0.137	2.28	12.7	13.8	0.71	612	8.39	0.03	2.3	4.0	440	1940
M354389		0.26	0.10	<0.1	0.006	0.05	0.5	1.2	12.35	203	0.30	<0.01	0.1	2.6	160	2.9
M354390		13.65	0.16	0.9	0.101	2.87	20.7	23.0	0.79	281	6.62	0.05	4.0	2.7	480	31.9
M354391		15.95	0.16	0.7	0.269	2.95	20.7	19.6	0.71	329	5.24	0.04	3.5	2.8	480	80.7
M354392		14.60	0.14	0.8	0.069	3.29	20.9	18.3	0.76	209	2.35	0.28	5.0	3.2	570	20.7
M354393		14.35	0.14	0.7	0.061	3.24	19.0	16.4	0.69	178	4.21	0.33	4.2	2.6	550	21.3
M354394		13.80	0.17	0.7	0.054	3.00	18.5	17.2	0.76	174	16.45	0.81	4.9	2.3	550	19.2
M354395		14.35	0.16	0.6	0.050	2.75	15.6	18.0	0.64	251	2.41	0.08	4.5	2.6	560	71.0
M354396		15.25	0.14	0.6	0.045	3.16	18.4	24.4	0.82	280	4.62	0.08	5.2	2.5	560	20.4
M354397		15.00	0.14	0.7	0.068	3.34	24.9	27.6	0.86	234	2.35	0.58	6.0	2.7	600	23.9

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12230220

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
M354362		144.0	0.004	5.05	58.1	7.9	4	8.0	45.1	0.38	0.21	11.7	0.142	2.32	3.7	53
M354363		141.5	0.004	2.82	42.9	9.6	3	4.7	88.2	0.48	0.10	12.4	0.177	2.16	2.8	61
M354364		146.0	0.004	9.57	148.0	8.5	9	11.9	29.2	0.20	0.17	9.0	0.102	1.86	3.4	57
M354365		1.5	0.003	0.02	0.54	0.1	1	0.2	47.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6	2
M354366		152.5	0.003	5.04	24.7	9.4	5	8.6	52.6	0.27	0.21	13.3	0.122	2.10	2.7	64
M354367		141.5	0.004	9.30	96.6	7.6	7	12.5	30.3	0.19	1.03	11.3	0.099	1.61	3.5	54
M354368		143.5	0.007	5.46	16.20	8.7	5	7.2	55.4	0.30	0.12	13.0	0.121	2.05	4.8	56
M354369		138.5	0.006	3.85	6.87	9.6	4	6.9	107.5	0.32	0.13	12.3	0.142	1.72	3.7	62
M354370		136.5	0.010	3.72	6.58	9.4	4	6.6	103.5	0.33	0.12	11.4	0.140	1.68	3.6	64
M354371		143.0	0.002	3.26	16.45	8.9	4	6.4	114.5	0.34	0.14	12.5	0.138	2.10	4.5	60
M354372		156.5	0.004	3.56	15.45	9.6	4	7.0	57.9	0.41	0.40	13.1	0.159	1.97	3.6	59
M354373		147.0	0.003	4.56	16.95	9.3	5	5.9	56.4	0.36	0.42	12.8	0.151	1.93	3.0	60
M354374		154.5	0.002	9.55	98.5	9.1	11	11.2	20.4	0.30	0.27	12.6	0.131	2.05	4.4	66
M354375		136.5	0.003	5.16	17.30	8.9	5	7.2	53.0	0.35	0.20	12.5	0.137	1.75	3.0	59
M354376		30.1	0.015	2.28	450	11.4	3	2.0	189.5	0.22	1.18	2.0	0.247	0.50	1.4	78
M354377		122.5	0.004	3.46	4.17	9.0	4	6.1	355	0.38	0.09	11.8	0.156	1.55	3.9	61
M354378		135.5	0.003	4.13	5.95	9.8	5	9.6	180.5	0.39	0.22	12.1	0.155	1.96	4.7	61
M354379		94.7	0.004	3.23	3.13	8.5	4	5.2	176.0	0.43	0.13	11.8	0.149	1.32	4.5	56
M354380		96.1	0.003	2.51	4.74	8.8	2	4.0	182.0	0.47	0.14	12.3	0.157	1.37	5.7	58
M354381		154.5	0.003	4.09	14.45	11.1	4	6.4	139.5	0.46	0.17	8.0	0.216	1.97	4.4	93
M354382		146.0	0.003	3.24	29.1	9.1	3	5.4	171.0	0.45	0.21	8.8	0.190	2.03	4.9	74
M354383		149.0	0.004	2.91	76.2	9.8	4	6.4	184.0	0.49	0.38	8.7	0.220	2.31	4.3	81
M354384		168.0	0.003	4.71	92.7	7.8	1	8.1	92.1	0.48	0.40	10.3	0.182	2.31	5.5	54
M354385		135.5	0.003	3.23	12.60	10.0	3	4.8	144.0	0.49	0.12	13.2	0.162	1.71	6.4	65
M354386		125.5	0.003	4.07	14.60	8.9	4	5.1	109.5	0.50	1.32	15.2	0.153	1.67	4.3	59
M354387		137.0	0.005	3.17	29.9	8.6	3	4.5	85.1	0.42	0.11	14.0	0.162	2.13	4.0	58
M354388		115.0	0.003	>10.0	89.8	7.0	10	11.3	38.6	0.20	2.42	9.4	0.085	1.68	4.7	44
M354389		3.2	0.003	0.02	0.36	0.3	1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	0.03	0.5	3
M354390		129.5	0.003	3.82	49.7	8.7	4	5.6	53.0	0.44	0.13	14.9	0.132	1.82	3.5	54
M354391		156.5	0.003	5.76	224	8.6	5	13.1	40.5	0.31	0.31	12.2	0.134	1.96	4.3	53
M354392		125.5	0.003	2.91	19.05	9.6	3	5.2	124.5	0.42	0.12	13.0	0.173	1.69	3.5	59
M354393		116.5	0.004	2.86	13.95	8.8	4	5.9	123.0	0.39	0.10	12.2	0.156	1.58	3.7	60
M354394		121.5	0.003	2.75	3.79	9.1	3	5.1	190.5	0.42	0.10	12.3	0.168	1.50	5.1	57
M354395		102.0	<0.002	3.77	16.75	9.3	4	6.5	90.1	0.37	0.12	9.9	0.152	1.45	6.2	58
M354396		112.0	0.002	2.70	19.35	9.6	3	5.0	113.0	0.44	0.13	12.8	0.177	1.62	3.7	61
M354397		123.0	0.002	3.23	5.92	10.7	3	5.1	215	0.48	0.14	12.3	0.216	1.52	5.6	71

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12230220

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
	Analyte	W	Y	Zn	Zr	Ag
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5	1
M354362		11.8	7.6	985	19.5	
M354363		8.5	11.1	105	22.7	
M354364		12.3	10.3	259	16.7	
M354365		0.1	0.9	16	<0.5	
M354366		9.0	9.0	53	18.9	
M354367		8.8	9.1	161	17.1	
M354368		8.1	10.4	112	19.7	
M354369		10.3	10.9	61	20.8	
M354370		10.1	10.6	61	19.5	
M354371		7.3	10.0	117	20.0	
M354372		10.5	11.2	38	24.7	
M354373		9.6	10.9	50	21.4	
M354374		12.3	11.2	194	20.3	
M354375		9.4	10.8	73	19.8	
M354376		0.5	14.0	5010	59.4	103
M354377		9.6	10.7	61	21.4	
M354378		8.2	11.3	634	22.1	
M354379		7.0	12.9	51	20.7	
M354380		5.9	10.5	45	21.1	
M354381		9.2	9.8	184	52.4	
M354382		7.3	10.1	150	51.1	
M354383		6.8	10.3	100	50.5	
M354384		4.7	9.8	5360	26.1	
M354385		7.6	12.6	55	24.4	
M354386		8.8	11.8	49	22.6	
M354387		6.7	11.4	48	19.5	
M354388		9.3	11.8	215	14.7	
M354389		0.1	0.7	12	<0.5	
M354390		8.9	10.6	57	22.5	
M354391		13.4	9.9	110	19.6	
M354392		8.2	11.9	57	23.8	
M354393		6.9	11.3	62	20.7	
M354394		8.6	12.6	49	20.0	
M354395		6.4	13.0	227	18.1	
M354396		6.2	13.2	55	19.6	
M354397		6.5	12.1	65	21.3	

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-OCT-2012
Account: ROCKHA

Project: Klaza-128

CERTIFICATE OF ANALYSIS WH12230220

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-OCT-2012
This copy reported on 11-OCT-2012
Account: ROCKHA

CERTIFICATE WH12235190

Project: Klaza-135

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12223918 **

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-OCT-2012
Account: ROCKHA

Project: Klaza-135

CERTIFICATE OF ANALYSIS WH12235190

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M356886		0.070
M356887		0.007
M356888		4.39
M356889		<0.005
M356890		0.475
M356891		<0.005
M356892		0.007
M356893		<0.005
M356894		<0.005
M356895		0.028
M356896		<0.005
M356897		0.005
M356898		0.005
M356899		0.007
M356900		0.090
M356901		0.012
M356902		0.032
M356903		<0.005
M356904		0.026
M356905		0.009
M356906		<0.005
M356907		0.005
M356908		0.008
M356909		4.35
M356910		<0.005
M356911		0.008
M356912		0.008
M356913		<0.005
M356914		0.013
M356915		0.015
M356916		<0.005
M356917		0.009
M356918		<0.005
M356919		<0.005
M356920		<0.005
M356921		<0.005

Comments: **RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12223918 **

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-NOV-2012
Account: ROCKHA

CERTIFICATE WH12242677

Project: Klaza

P.O. No.:

This report is for 49 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA13	Ag by cyanide leach and AAS	AAS
Au-AA13	Au by cyanide leach and AAS	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-NOV-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12242677

Sample Description	Method Analyte Units LOR	Ag-AA13 Ag ppm 0.03	Au-AA13 Au ppm 0.03
N829003		7.28	0.80
N829456		3.57	0.82
N829923		14.43	2.03
N829949		9.52	7.29
N829950		2.49	1.50
N829952		1.66	2.63
N829954		0.70	1.71
N829957		1.88	1.44
N828609		5.83	1.06
N828613		22.56	1.53
N828664		16.67	1.14
N828743		39.36	0.88
N895052		23.44	0.90
N897570		11.60	1.10
N897615		60.19	8.57
N897632		1.23	1.82
N897651		2.86	1.18
M897808		56.56	3.25
M899397		8.11	0.58
N815150		9.50	1.41
N815163		44.17	4.24
N810298		19.71	2.29
N815075		219.9	4.81
N815077		56.97	1.03
N815078		37.04	1.01
M355249		16.95	0.62
M355256		52.45	0.50
N814750		78.20	9.54
N814751		1.14	0.78
N813344		3.21	5.24
N815548		13.10	2.47
N815549		23.65	1.49
N815550		57.14	4.67
N815760		16.03	1.10
M355705		2.11	1.24
N815992		4.69	1.63
M355793		9.88	8.24
M357197		24.10	1.02
M357420		0.35	1.63
M357427		5.61	1.04

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-NOV-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12242677

Sample Description	Method Analyte Units LOR	Ag-AA13 Ag ppm 0.03	Au-AA13 Au ppm 0.03
M357647		46.98	0.49
M359904		2.74	0.72
M356139		7.55	0.61
M356140		19.01	0.80
N811891		3.65	1.06
M356616		1.00	0.47
M356624		4.26	0.54
M356626		1.40	1.25
M356641		1.21	0.86

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-OCT-2012
Account: ROCKHA

CERTIFICATE WH12242678

Project: Klaza

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA13	Ag by cyanide leach and AAS	AAS
Au-AA13	Au by cyanide leach and AAS	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-OCT-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12242678

Sample Description	Method Analyte Units LOR	Ag-AA13 Ag ppm 0.03	Au-AA13 Au ppm 0.03
M897807		308.7	7.12
N815076		260.5	6.15

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-NOV-2012
Account: ROCKHA

CERTIFICATE WH12248234

Project: Klaza

P.O. No.:

This report is for 55 Crushed Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER	HEATHER SMITH	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
WEI-25	Wt. of Crushed Reject

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-NOV-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12248234

Sample Description	Method / Analyte / Units / LOR	WEI-25 Reject W kg 0.001
N814098		3.45
N813344		2.59
M358779		2.55
M357539		2.48
M357560		2.63
M357592		2.88
M357605		2.43
M359773		3.89
M356626		2.87
N829634		5.54
M357527		2.73
M357594		2.83
M359715		3.00
N829494		4.40
N828065		3.99
M899874		4.07
M899422		3.86
M358478		2.19
N812644		3.08
N812651		5.73
N829244		3.75
M356410		2.33
M356414		8.48
N828595		5.40
N829099		3.42
M897417		5.15
M897504		5.54
N829287		3.69
M899722		6.38
N810442		4.98
M358014		2.72
N828319		3.73
N829824		3.83
N810670		7.66
M355053		6.91
M355063		7.29
M355604		2.83
N813321		3.16
M355205		2.98
M354103		2.33

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-NOV-2012
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH12248234

Sample Description	Method Analyte Units LOR	WEI-25 Reject W kg 0.001
N814377		3.70
N814527		4.30
M356274		2.46
M356223		2.65
M356354		2.71
N829875		3.43
N814629		2.36
N812930		5.13
M359648		2.44
M357734		2.58
M897540		1.790
M897542		1.570
M357748		2.53
M354519		2.43
N812925		2.49

APPENDIX VI

EXCAVATOR TRENCH DATA

Trench_ID	From_m	To_m	Width_m	Sample	Direction	Au (ppm)	Ag (ppm)
TR-12-01	0	5	5	M815109	South to North	0.113	2.31
TR-12-01	5	8	3	M815110	South to North	0.359	6.7
TR-12-01	8	11	3	M815111	South to North	0.188	5.04
TR-12-01	11	14	3	M815112	South to North	0.179	2
TR-12-01	14	16	2	M815113	South to North	0.304	4.77
TR-12-01	16	17.58	1.58	M815114	South to North	0.853	30.3
TR-12-01	17.58	22.05	4.47	M815115	South to North	0.03	0.5
TR-12-01	22.05	27	4.95	M815116	South to North	0.033	0.49
TR-12-01	27	34	7	M815117	South to North	0.034	0.44
TR-12-01	34	35.05	1.05	M815118	South to North	0.077	3.13
TR-12-01	35.05	37.2	2.15	M815119	South to North	0.037	0.74
TR-12-01	37.2	38.25	1.05	M815120	South to North	0.538	10.4
TR-12-01	38.25	39.25	1	M815121	South to North	0.114	0.97
TR-12-01	39.25	40.3	1.05	M815122	South to North	0.254	5.48
TR-12-01	40.3	41.3	1	M815124	South to North	0.238	6.84
TR-12-01	41.3	45	3.7	M815125	South to North	0.03	1.07
TR-12-01	45	47.05	2.05	M815126	South to North	0.046	0.59
TR-12-01	47.05	49.03	1.98	M815127	South to North	0.093	0.4
TR-12-01	49.03	51	1.97	M815128	South to North	0.258	1.87
TR-12-01	51	56	5	M815129	South to North	0.312	103
TR-12-01	56	66	10	M815130	South to North	0.136	1.2
TR-12-01	66	72	6	M815131	South to North	0.356	6.15
TR-12-01	72	77.02	5.02	M815133	South to North	0.077	0.43
TR-12-01	77.02	80	2.98	M815134	South to North	0.077	1.49
TR-12-01	80	82.3	2.3	M815135	South to North	0.072	0.9
TR-12-01	82.3	83.3	1	M815136	South to North	0.043	0.33
TR-12-01	83.3	84.2	0.9	M815137	South to North	0.352	1.65
TR-12-01	84.2	85.6	1.4	M815138	South to North	0.05	0.92
TR-12-01	85.6	87.2	1.6	M815139	South to North	0.111	0.66
TR-12-01	87.2	88.8	1.6	M815140	South to North	0.084	0.86
TR-12-01	88.8	91.14	2.34	M815141	South to North	0.126	0.49
TR-12-01	91.14	94.15	3.01	M815142	South to North	0.038	0.32
TR-12-01	94.15	95.3	1.15	M815143	South to North	0.023	0.17
TR-12-01	95.3	99.8	4.5	M815144	South to North	0.413	1.39
TR-12-01	99.8	101.1	1.3	M815145	South to North	0.055	0.98
TR-12-01	101.1	104.96	3.86	M815146	South to North	0.022	0.39
TR-12-01	104.96	106.1	1.14	M815147	South to North	0.019	0.24
TR-12-01	106.1	108.56	2.46	M815148	South to North	0.327	1.85
TR-12-01	108.56	112.2	3.64	M815149	South to North	0.304	1.71
TR-12-01	112.2	116.65	4.45	M815150	South to North	1.435	11.9
TR-12-01	116.65	119.65	3	M815151	South to North	0.13	1.35
TR-12-01	119.65	124.8	5.15	M815152	South to North	0.395	5.09
TR-12-01	124.8	128.05	3.25	M815153	South to North	0.218	1.63
TR-12-01	128.05	128.9	0.85	M815154	South to North	0.044	39.7
TR-12-01	128.9	132.15	3.25	M815155	South to North	0.104	1.09
TR-12-01	132.15	134.12	1.97	M815156	South to North	0.09	1.18

TR-12-01	134.12	136.2	2.08	M815157	South to North	0.07	0.65
TR-12-01	136.2	138.65	2.45	M815158	South to North	0.042	0.29
TR-12-01	138.65	141.5	2.85	M815159	South to North	0.043	0.44
TR-12-01	141.5	145.9	4.4	M815160	South to North	0.118	2.12
TR-12-01	145.9	147.5	1.6	M815161	South to North	0.607	3.83
TR-12-01	147.5	149.85	2.35	M815162	South to North	0.416	56.2
TR-12-01	149.85	151.82	1.97	M815163	South to North	5.01	49
TR-12-01	151.82	156.7	4.88	M815164	South to North	0.103	3.67
TR-12-01	156.7	159.5	2.8	M815165	South to North	0.184	1.03
TR-12-01	159.5	161.3	1.8	M815167	South to North	0.247	3.82
TR-12-01	161.3	163.15	1.85	M815168	South to North	0.061	0.54
TR-12-01	163.15	168.8	5.65	M815169	South to North	0.008	0.24
TR-12-01	168.8	175.1	6.3	M815170	South to North	0.01	0.35
TR-12-01	175.1	178.9	3.8	M815171	South to North	0.012	0.35
TR-12-01	178.9	182	3.1	M815172	South to North	0.009	0.26
TR-12-01	182	184.5	2.5	M815173	South to North	0.794	5.7
TR-12-01	184.5	185.45	0.95	M815174	South to North	0.308	2.4
TR-12-01	185.45	195.45	10	M815176	South to North	0.063	0.54
TR-12-01	195.45	201.82	6.37	M815177	South to North	0.009	0.2
TR-12-01	201.82	205.4	3.58	M815178	South to North	0.018	0.3
TR-12-01	205.4	215.4	10	M815179	South to North	0.032	0.35
TR-12-01	215.4	224.06	8.66	M815180	South to North	0.283	1.57
TR-12-01	224.06	227	2.94	M815181	South to North	0.599	2.86
TR-12-01	227	229.1	2.1	M815182	South to North	0.102	1.99
TR-12-01	229.1	231.45	2.35	M815184	South to North	0.177	2.8
TR-12-01	231.45	236.5	5.05	M815185	South to North	0.043	0.45
TR-12-01	236.5	238.9	2.4	M815186	South to North	0.815	25
TR-12-01	238.9	241.6	2.7	M815187	South to North	0.043	1.22
TR-12-01	241.6	251.6	10	M815189	South to North	0.707	1.29
TR-12-02	4	7.92	3.92	M895034	South to North	0.013	0.27
TR-12-02	7.92	9.1	1.18	M895035	South to North	0.037	0.49
TR-12-02	9.1	10.4	1.3	M895036	South to North	0.023	0.59
TR-12-02	10.4	15.08	4.68	M895037	South to North	0.075	2.1
TR-12-02	15.08	17.56	2.48	M895038	South to North	0.022	1.07
TR-12-02	17.56	19.2	1.64	M895039	South to North	0.011	0.3
TR-12-02	19.2	21	1.8	M895040	South to North	0.01	0.4
TR-12-02	21	22.5	1.5	M895041	South to North	0.017	0.35
TR-12-02	22.5	24.4	1.9	M895042	South to North	0.013	0.36
TR-12-02	24.4	25.3	0.9	M895043	South to North	0.011	0.38
TR-12-02	25.3	26.6	1.3	M895045	South to North	0.008	0.32
TR-12-02	26.6	27.9	1.3	M895046	South to North	0.014	0.32
TR-12-02	27.9	28.5	0.6	M895047	South to North	0.008	0.32
TR-12-02	28.5	29.14	0.64	M895048	South to North	0.022	0.27
TR-12-02	29.14	30.2	1.06	M895049	South to North	0.02	0.33
TR-12-02	30.2	31.84	1.64	M895050	South to North	0.014	0.38
TR-12-02	31.84	32.7	0.86	M895051	South to North	0.014	0.41
TR-12-02	32.7	35.02	2.32	M895052	South to North	1.2	44.4

TR-12-02	35.02	35.65	0.63	M895053	South to North	0.213	7.51
TR-12-02	35.65	36.66	1.01	M895054	South to North	0.064	1.94
TR-12-02	36.66	37.8	1.14	M895055	South to North	0.065	2.77
TR-12-02	37.8	39.85	2.05	M895056	South to North	0.042	1.95
TR-12-02	39.85	41.21	1.36	M895057	South to North	0.043	1.77
TR-12-02	41.21	42.25	1.04	M895058	South to North	0.028	3.7
TR-12-02	42.25	42.85	0.6	M895059	South to North	0.033	1.81
TR-12-02	42.85	47.8	4.95	M895060	South to North	0.019	0.8
TR-12-02	47.8	51.3	3.5	M895062	South to North	0.012	0.53
TR-12-02	51.3	51.7	0.4	M895063	South to North	0.035	0.76
TR-12-02	51.7	55.7	4	M895064	South to North	0.019	0.49
TR-12-02	55.7	56.8	1.1	M895065	South to North	0.029	1.79
TR-12-02	56.8	58.75	1.95	M895066	South to North	0.044	1.79
TR-12-02	58.75	59.45	0.7	M895067	South to North	0.048	2.03
TR-12-02	59.45	61.45	2	M895068	South to North	0.094	1.09
TR-12-02	61.45	63.64	2.19	M895069	South to North	0.067	0.83
TR-12-02	63.64	65.55	1.91	M895070	South to North	0.068	0.97
TR-12-02	65.55	66.22	0.67	M895071	South to North	0.026	0.37
TR-12-02	66.22	67.22	1	M895072	South to North	0.03	0.51
TR-12-02	67.22	71.04	3.82	M895073	South to North	0.014	0.3
TR-12-02	71.04	72.3	1.26	M895074	South to North	0.058	0.9
TR-12-02	72.3	73.9	1.6	M895075	South to North	0.04	0.69
TR-12-02	73.9	75.6	1.7	M895076	South to North	0.023	0.28
TR-12-02	75.6	77.1	1.5	M895077	South to North	0.047	0.62
TR-12-02	77.1	78.2	1.1	M895078	South to North	0.07	1.14
TR-12-02	78.2	78.84	0.64	M895079	South to North	0.127	3.49
TR-12-02	78.84	80.08	1.24	M895080	South to North	0.028	0.35
TR-12-02	80.08	81.35	1.27	M895081	South to North	0.035	0.47
TR-12-02	81.35	82.8	1.45	M895082	South to North	0.017	0.66
TR-12-02	82.8	83.8	1	M895083	South to North	0.022	0.4
TR-12-02	83.8	84.97	1.17	M895084	South to North	0.011	0.34
TR-12-02	84.97	85.8	0.83	M895085	South to North	0.018	0.75
TR-12-02	85.8	88.2	2.4	M895086	South to North	0.032	0.8
TR-12-02	88.2	91.4	3.2	M895087	South to North	0.02	0.47
TR-12-02	91.4	91.8	0.4	M895089	South to North	0.029	0.72
TR-12-02	91.8	92.3	0.5	M895090	South to North	0.0025	0.17
TR-12-02	92.3	94.17	1.87	M895091	South to North	0.007	0.3
TR-12-02	94.17	95.2	1.03	M895092	South to North	0.023	0.7
TR-12-02	95.2	96.2	1	M895093	South to North	0.572	1.13
TR-12-02	96.2	97.7	1.5	M895094	South to North	0.068	1.98
TR-12-02	97.7	98.8	1.1	M895095	South to North	0.064	1.14
TR-12-02	98.8	100.6	1.8	M895096	South to North	0.272	1.01
TR-12-02	100.6	101.31	0.71	M895097	South to North	0.019	0.42
TR-12-02	101.31	103.15	1.84	M895099	South to North	0.038	0.55
TR-12-02	103.15	103.95	0.8	M895100	South to North	0.189	2.31
TR-12-02	103.95	104.5	0.55	M895101	South to North	0.206	1.83
TR-12-02	104.5	107.25	2.75	M895102	South to North	0.033	0.62

TR-12-02	107.25	108	0.75	M895103	South to North	0.058	1.07
TR-12-02	108	108.55	0.55	M895104	South to North	0.032	0.47
TR-12-02	108.55	109.2	0.65	M895105	South to North	0.207	31.7
TR-12-02	109.2	110.4	1.2	M895106	South to North	0.031	1.11
TR-12-02	110.4	112	1.6	M895107	South to North	0.216	3.07
TR-12-02	112	112.5	0.5	M895108	South to North	0.016	0.47
TR-12-02	112.5	113	0.5	M895109	South to North	0.018	0.41
TR-12-02	113	113.5	0.5	M895110	South to North	0.013	0.35
TR-12-02	113.5	114	0.5	M895111	South to North	0.046	0.49
TR-12-02	114	115.8	1.8	M895112	South to North	0.026	0.49
TR-12-02	115.8	116.3	0.5	M895113	South to North	0.026	0.54
TR-12-02	116.3	116.75	0.45	M895114	South to North	0.011	0.25
TR-12-02	116.75	117.35	0.6	M895115	South to North	0.015	0.47
TR-12-02	117.35	119.1	1.75	M895116	South to North	0.02	0.23
TR-12-02	119.1	120.45	1.35	M895117	South to North	0.039	0.57
TR-12-02	120.45	122.36	1.91	M895118	South to North	0.018	0.3
TR-12-02	122.36	122.95	0.59	M895120	South to North	0.107	0.69
TR-12-02	122.95	123.78	0.83	M895121	South to North	0.096	1.14
TR-12-02	123.78	124.3	0.52	M895122	South to North	0.143	2.07
TR-12-02	124.3	125.15	0.85	M895123	South to North	0.226	4.24
TR-12-02	125.15	126	0.85	M895124	South to North	0.109	3.41
TR-12-02	126	127.5	1.5	M895125	South to North	0.041	0.72
TR-12-02	127.5	128.16	0.66	M895127	South to North	0.037	0.48
TR-12-02	128.16	128.78	0.62	M895128	South to North	0.036	0.47
TR-12-02	128.78	130.45	1.67	M895129	South to North	0.045	0.67
TR-12-02	130.45	131.2	0.75	M895130	South to North	0.098	1.4
TR-12-02	131.2	132.25	1.05	M895131	South to North	0.03	0.46
TR-12-02	132.25	133.7	1.45	M895132	South to North	0.013	0.33
TR-12-02	133.7	134.83	1.13	M895133	South to North	0.023	0.39
TR-12-02	134.83	137	2.17	M895134	South to North	0.017	0.3
TR-12-02	137	138	1	M895135	South to North	0.201	4.13
TR-12-02	138	139.2	1.2	M895136	South to North	0.09	2.01
TR-12-02	139.2	140.3	1.1	M895137	South to North	0.025	0.6
TR-12-02	140.3	142.1	1.8	M895138	South to North	0.021	0.53
TR-12-02	142.1	143.8	1.7	M895139	South to North	0.015	0.36
TR-12-02	143.8	145.3	1.5	M895140	South to North	0.014	0.3
TR-12-02	145.3	147	1.7	M895141	South to North	0.014	0.35
TR-12-02	147	150.7	3.7	M895142	South to North	0.007	0.9
TR-12-02	150.7	152.7	2	M895143	South to North	0.086	2.8
TR-12-02	152.7	154.2	1.5	M895144	South to North	0.011	0.51
TR-12-02	154.2	155.2	1	M895145	South to North	0.028	1.38
TR-12-02	155.2	156.5	1.3	M895146	South to North	0.017	0.46
TR-12-02	156.5	161.3	4.8	M895147	South to North	0.008	0.31
TR-12-02	161.3	163.25	1.95	M895148	South to North	0.034	0.73
TR-12-02	163.25	165.4	2.15	M895149	South to North	0.015	0.37
TR-12-02	165.4	172.66	7.26	M895150	South to North	0.008	0.19
TR-12-02	172.66	175	2.34	M895151	South to North	0.078	9.72

TR-12-02	175	176.92	1.92	M895152	South to North	0.092	1.36
TR-12-02	176.92	178	1.08	M895153	South to North	0.021	0.64
TR-12-02	178	180	2	M895154	South to North	0.064	0.51
TR-12-02	180	180.8	0.8	M895155	South to North	0.442	1.01
TR-12-02	180.8	181.68	0.88	M895156	South to North	0.067	0.63
TR-12-02	181.68	183	1.32	M895157	South to North	0.051	0.79
TR-12-02	183	184.15	1.15	M895158	South to North	0.025	0.42
TR-12-02	184.15	186.5	2.35	M895159	South to North	0.054	0.34
TR-12-02	186.5	189.3	2.8	M895160	South to North	0.037	1.21
TR-12-02	189.3	194.25	4.95	M895161	South to North	0.033	0.36
TR-12-02	194.25	195.04	0.79	M895163	South to North	0.049	0.71
TR-12-02	195.04	196.1	1.06	M895164	South to North	0.041	0.75
TR-12-02	196.1	198.4	2.3	M895165	South to North	0.034	0.85
TR-12-02	198.4	200.07	1.67	M895166	South to North	0.254	9.48
TR-12-02	200.07	201.2	1.13	M895167	South to North	0.013	0.54
TR-12-02	201.2	202.8	1.6	M895168	South to North	0.014	0.38
TR-12-02	202.8	204.4	1.6	M895170	South to North	0.056	1.12
TR-12-02	204.4	205.7	1.3	M895171	South to North	0.11	0.63
TR-12-02	205.7	206.75	1.05	M895172	South to North	0.318	1.98
TR-12-02	206.75	207.4	0.65	M895173	South to North	0.092	0.89
TR-12-02	207.4	208.85	1.45	M895174	South to North	0.117	0.92
TR-12-02	208.85	210.03	1.18	M895175	South to North	0.035	0.77
TR-12-02	210.03	211.75	1.72	M895176	South to North	0.187	1.37
TR-12-02	211.75	212.9	1.15	M897551	South to North	0.012	0.59
TR-12-02	212.9	214.75	1.85	M897552	South to North	0.006	0.37
TR-12-02	214.75	216.7	1.95	M897553	South to North	0.006	0.28
TR-12-02	216.7	219.6	2.9	M897554	South to North	0.006	0.3
TR-12-02	219.6	221.64	2.04	M897555	South to North	0.0025	0.12
TR-12-02	221.64	224.15	2.51	M897556	South to North	0.0025	0.15
TR-12-02	224.15	226	1.85	M897557	South to North	0.0025	0.16
TR-12-02	226	229.4	3.4	M897558	South to North	0.073	1.15
TR-12-02	229.4	231.1	1.7	M897559	South to North	0.312	1.08
TR-12-02	231.1	232.1	1	M897560	South to North	0.511	1.64
TR-12-02	232.1	233.36	1.26	M897561	South to North	0.012	0.32
TR-12-02	233.36	234	0.64	M897562	South to North	0.025	0.64
TR-12-02	234	235.7	1.7	M897563	South to North	0.042	0.93
TR-12-02	235.7	236.37	0.67	M897564	South to North	0.025	1.67
TR-12-02	236.37	238.37	2	M897565	South to North	0.178	4.63
TR-12-02	238.37	239.7	1.33	M897566	South to North	0.0025	0.15
TR-12-02	239.7	241.6	1.9	M897567	South to North	0.021	0.41
TR-12-02	241.6	242.75	1.15	M897568	South to North	0.106	1.56
TR-12-02	242.75	243.55	0.8	M897570	South to North	1.005	19.3
TR-12-02	243.55	245.74	2.19	M897571	South to North	0.112	4.33
TR-12-02	245.74	246.96	1.22	M897572	South to North	0.123	8.14
TR-12-02	246.96	248	1.04	M897573	South to North	0.0025	0.05
TR-12-02	248	249.98	1.98	M897575	South to North	0.343	11.85
TR-12-02	249.98	252.12	2.14	M897576	South to North	0.066	2.91

TR-12-02	252.12	255	2.88	M897577	South to North	0.548	12.35
TR-12-02	255	257.35	2.35	M897578	South to North	0.044	1.3
TR-12-02	257.35	259	1.65	M897579	South to North	0.243	5.91
TR-12-02	259	260.3	1.3	M897580	South to North	0.053	1.29
TR-12-02	260.3	263	2.7	M897581	South to North	0.043	1.16
TR-12-02	263	266	3	M897582	South to North	0.062	0.98
TR-12-02	266	267.8	1.8	M897583	South to North	0.093	1.01
TR-12-02	267.8	269.64	1.84	M897584	South to North	0.11	1.97
TR-12-02	269.64	270.5	0.86	M897585	South to North	0.05	2.19
TR-12-02	270.5	271.7	1.2	M897586	South to North	0.127	2.4
TR-12-02	271.7	273.35	1.65	M897587	South to North	0.046	0.82
TR-12-02	273.35	276	2.65	M897588	South to North	0.083	0.76
TR-12-02	276	279	3	M897589	South to North	0.051	0.88
TR-12-02	279	284	5	M897590	South to North	0.034	0.97
TR-12-02	284	288.04	4.04	M897591	South to North	0.066	1.08
TR-12-02	288.04	291.26	3.22	M897592	South to North	0.089	0.98
TR-12-02	291.26	292.02	0.76	M897594	South to North	0.146	2.26
TR-12-02	292.02	293.1	1.08	M897595	South to North	0.068	0.77
TR-12-02	293.1	293.77	0.67	M897596	South to North	0.646	2.65
TR-12-02	293.77	294.42	0.65	M897597	South to North	0.075	1.47
TR-12-02	294.42	296.13	1.71	M897598	South to North	0.054	0.97
TR-12-02	296.13	297.05	0.92	M897599	South to North	0.062	0.99
TR-12-02	297.05	299.05	2	M897600	South to North	0.189	1.79
TR-12-02	299.05	300.2	1.15	M897601	South to North	0.131	1.8
TR-12-02	300.2	302.78	2.58	M897602	South to North	0.08	1.6
TR-12-02	302.78	304.94	2.16	M897603	South to North	0.154	2.09
TR-12-02	304.94	306.5	1.56	M897604	South to North	0.138	2.08
TR-12-02	306.5	307.1	0.6	M897605	South to North	0.104	1.39
TR-12-02	307.1	309.5	2.4	M897606	South to North	0.111	1.29
TR-12-02	309.5	311.42	1.92	M897607	South to North	0.151	2.74
TR-12-02	311.42	314.3	2.88	M897608	South to North	0.765	3.62
TR-12-02	314.3	314.85	0.55	M897609	South to North	0.206	2.46
TR-12-02	314.85	317.05	2.2	M897610	South to North	0.164	1.61
TR-12-02	317.05	318.3	1.25	M897611	South to North	0.262	3.45
TR-12-02	318.3	318.9	0.6	M897612	South to North	0.391	4.04
TR-12-02	318.9	319.9	1	M897613	South to North	0.604	4.5
TR-12-02	319.9	322.5	2.6	M897614	South to North	0.544	9.7
TR-12-02	322.5	324.1	1.6	M897615	South to North	10.85	93.6
TR-12-02	324.1	326.36	2.26	M897617	South to North	0.231	2.64
TR-12-02	326.36	329.2	2.84	M897618	South to North	0.091	0.85
TR-12-02	329.2	331.5	2.3	M897619	South to North	0.197	1.34
TR-12-02	331.5	333.45	1.95	M897620	South to North	0.105	0.73
TR-12-02	333.45	335.3	1.85	M897621	South to North	0.221	1.93
TR-12-02	335.3	336.5	1.2	M897622	South to North	0.49	3.06
TR-12-02	336.5	338.3	1.8	M897623	South to North	0.122	1.42
TR-12-02	338.3	340.1	1.8	M897624	South to North	0.087	7.4
TR-12-02	340.1	342.52	2.42	M897625	South to North	0.174	1.99

TR-12-02	342.52	345	2.48	M897626	South to North	0.056	0.28
TR-12-02	345	347.2	2.2	M897627	South to North	0.046	0.43
TR-12-02	347.2	349.98	2.78	M897628	South to North	0.025	0.31
TR-12-02	349.98	351.36	1.38	M897629	South to North	0.066	0.3
TR-12-02	351.36	353.65	2.29	M897630	South to North	0.031	0.34
TR-12-02	353.65	355.47	1.82	M897632	South to North	1.765	1.28
TR-12-02	355.47	356.44	0.97	M897633	South to North	0.606	1.42
TR-12-02	356.44	357.45	1.01	M897634	South to North	0.049	0.59
TR-12-02	357.45	358.91	1.46	M897635	South to North	0.332	1.77
TR-12-02	358.91	359.68	0.77	M897636	South to North	0.116	2.1
TR-12-02	359.68	360.7	1.02	M897638	South to North	0.318	3.33
TR-12-02	360.7	362.2	1.5	M897639	South to North	0.255	3
TR-12-02	362.2	363.5	1.3	M897640	South to North	0.038	0.51
TR-12-02	363.5	364.7	1.2	M897641	South to North	0.15	4.28
TR-12-02	364.7	365.35	0.65	M897642	South to North	0.221	6.55
TR-12-02	365.35	366.32	0.97	M897643	South to North	0.082	1.39
TR-12-02	366.32	367.2	0.88	M897644	South to North	0.091	0.83
TR-12-02	367.2	368.9	1.7	M897645	South to North	0.096	1.09
TR-12-02	368.9	369.9	1	M897646	South to North	0.557	5.48
TR-12-02	369.9	371.6	1.7	M897647	South to North	0.738	9.81
TR-12-02	371.6	373.9	2.3	M897648	South to North	0.128	1.67
TR-12-02	373.9	375.1	1.2	M897649	South to North	0.143	2.6
TR-12-02	375.1	376.8	1.7	M897650	South to North	0.183	3.38
TR-12-02	376.8	377.6	0.8	M897651	South to North	1.38	6.49
TR-12-02	377.6	378.3	0.7	M897652	South to North	0.172	2.34
TR-12-02	378.3	379.15	0.85	M897653	South to North	0.106	1.33
TR-12-02	379.15	384.5	5.35	M897654	South to North	0.094	0.58
TR-12-02	384.5	385.2	0.7	M897655	South to North	0.027	0.93
TR-12-02	385.2	386	0.8	M897656	South to North	0.047	1.23
TR-12-02	386	387.1	1.1	M897657	South to North	0.095	1
TR-12-02	387.1	388.48	1.38	M897658	South to North	0.114	3.92
TR-12-02	388.48	390	1.52	M897659	South to North	0.074	0.72
TR-12-02	390	391.1	1.1	M897660	South to North	0.094	1.14
TR-12-02	391.1	392.3	1.2	M897661	South to North	0.622	2.31
TR-12-02	392.3	396	3.7	M897662	South to North	0.058	0.39
TR-12-02	396	397.05	1.05	M897663	South to North	0.066	1.7
TR-12-02	397.05	398.1	1.05	M897664	South to North	0.035	0.45
TR-12-02	398.1	409.6	11.5	M897665	South to North	0.023	0.29
TR-12-02	409.6	411.6	2	M897667	South to North	0.031	0.43
TR-12-02	411.6	412.4	0.8	M897668	South to North	0.145	1.41
TR-12-02	412.4	412.96	0.56	M897669	South to North	0.64	13.75
TR-12-02	412.96	414.3	1.34	M897670	South to North	0.017	0.69
TR-12-02	414.3	416.3	2	M897671	South to North	0.116	1.39
TR-12-02	416.3	418.15	1.85	M897672	South to North	0.222	3.98
TR-12-02	418.15	419.5	1.35	M897673	South to North	0.021	0.5
TR-12-02	419.5	420.5	1	M897675	South to North	0.02	1.15
TR-12-02	420.5	430.8	10.3	M897676	South to North	0.093	1.18

TR-12-02	430.8	436.1	5.3	M897677	South to North	0.072	0.77
TR-12-02	436.1	436.7	0.6	M897678	South to North	0.042	0.52
TR-12-02	436.7	439.67	2.97	M897679	South to North	0.028	0.45
TR-12-02	439.67	440.2	0.53	M897680	South to North	0.026	0.62
TR-12-02	440.2	443.1	2.9	M897681	South to North	0.046	0.38
TR-12-02	443.1	445	1.9	M897682	South to North	0.038	0.85
TR-12-02	445	455	10	M897683	South to North	0.122	0.58
TR-12-04	1.4	2.97	1.57	M895001	North to South	0.142	2.68
TR-12-04	2.97	3.91	0.94	M895002	North to South	0.273	2.94
TR-12-04	3.91	5.26	1.35	M895003	North to South	0.436	8.93
TR-12-04	5.26	5.96	0.7	M895004	North to South	0.531	2.01
TR-12-04	5.96	7.39	1.43	M895005	North to South	0.13	2.18
TR-12-04	7.39	8.8	1.41	M895006	North to South	0.042	1.51
TR-12-04	8.8	9.44	0.64	M895007	North to South	1.465	43.3
TR-12-04	9.44	10.71	1.27	M895008	North to South	0.01	0.31
TR-12-04	10.71	11.56	0.85	M895009	North to South	0.015	1.34
TR-12-04	11.56	12	0.44	M895010	North to South	0.0025	0.17
TR-12-04	12	12.8	0.8	M895011	North to South	0.049	1.12
TR-12-04	12.8	13.65	0.85	M895012	North to South	0.0025	0.18
TR-12-04	13.65	14.56	0.91	M895013	North to South	0.0025	0.13
TR-12-04	14.56	15.15	0.59	M895014	North to South	0.0025	0.53
TR-12-04	15.15	15.75	0.6	M895015	North to South	0.0025	0.15
TR-12-04	15.75	17.24	1.49	M895016	North to South	0.0025	0.17
TR-12-04	17.24	18.8	1.56	M895017	North to South	0.0025	0.21
TR-12-04	18.8	20.2	1.4	M895018	North to South	0.006	0.35
TR-12-04	20.2	22.49	2.29	M895020	North to South	0.014	0.32
TR-12-04	22.49	24.2	1.71	M895021	North to South	0.016	0.18
TR-12-04	24.2	26.85	2.65	M895022	North to South	0.0025	0.12
TR-12-04	26.85	28.9	2.05	M895023	North to South	0.013	0.34
TR-12-04	28.9	31.34	2.44	M895024	North to South	0.011	0.3
TR-12-04	31.34	35	3.66	M895025	North to South	0.018	0.81
TR-12-04	35	36.2	1.2	M895026	North to South	0.019	2.62
TR-12-04	36.2	36.75	0.55	M895027	North to South	0.163	4.51
TR-12-04	36.75	37.8	1.05	M895029	North to South	0.012	2.93
TR-12-04	37.8	38.8	1	M895030	North to South	0.011	1.66
TR-12-04	38.8	39.9	1.1	M895031	North to South	0.09	3.2
TR-12-04	39.9	42.5	2.6	M895032	North to South	0.02	0.36
TR-12-04	42.5	43.79	1.29	M895033	North to South	0.036	1.44
TR-12-08	665	667	2	N829916	South to North	0.085	0.77
TR-12-08	667	668.16	1.16	N829917	South to North	0.091	0.87
TR-12-08	668.16	670.1	1.94	N829918	South to North	0.054	0.6
TR-12-08	670.1	672.05	1.95	N829919	South to North	0.056	0.43
TR-12-08	672.05	674.22	2.17	N829920	South to North	0.042	0.55
TR-12-08	674.22	675.45	1.23	N829921	South to North	0.057	0.95
TR-12-08	675.45	676.8	1.35	N829922	South to North	0.106	1.21
TR-12-08	676.8	677.43	0.63	N829923	South to North	2.15	50.3
TR-12-08	677.43	679.05	1.62	N829925	South to North	0.135	2.76

TR-12-08	679.05	680.5	1.45	N829926	South to North	0.053	0.93
TR-12-08	680.5	681.65	1.15	N829927	South to North	0.066	1.28
TR-12-08	681.65	682.65	1	N829928	South to North	0.055	1.03
TR-12-08	682.65	684.4	1.75	N829929	South to North	0.077	0.93
TR-12-08	684.4	686	1.6	N829931	South to North	0.091	1.09
TR-12-08	686	687	1	N829932	South to North	0.474	1.07
TR-12-08	687	689.05	2.05	N829933	South to North	0.309	1.1
TR-12-08	689.05	689.55	0.5	N829934	South to North	0.269	1.28
TR-12-08	689.55	691.33	1.78	N829935	South to North	0.814	7.28
TR-12-08	691.33	694	2.67	N829936	South to North	0.088	1.6
TR-12-08	694	696.03	2.03	N829937	South to North	0.219	5.48
TR-12-08	696.03	697.03	1	N829938	South to North	0.058	1.38
TR-12-08	697.03	700.35	3.32	N829939	South to North	0.257	0.73
TR-12-08	700.35	702.92	2.57	N829940	South to North	0.054	0.59
TR-12-08	702.92	703.61	0.69	N829941	South to North	0.025	0.3
TR-12-08	703.61	704.71	1.1	N829942	South to North	0.022	0.41
TR-12-08	704.71	705.8	1.09	N829943	South to North	0.653	1.06
TR-12-08	705.8	706.43	0.63	N829944	South to North	0.043	0.73
TR-12-08	706.43	707.25	0.82	N829945	South to North	0.721	8.83
TR-12-08	707.25	707.85	0.6	N829946	South to North	0.141	1.3
TR-12-08	707.85	709	1.15	N829947	South to North	0.067	0.31
TR-12-08	709	709.7	0.7	N829948	South to North	0.206	0.56
TR-12-08	709.7	710.28	0.58	N829949	South to North	8.89	10.75
TR-12-08	710.28	711.1	0.82	N829950	South to North	1.695	4.62
TR-12-08	711.1	711.83	0.73	N829951	South to North	0.189	0.61
TR-12-08	711.83	712.47	0.64	N829952	South to North	4.25	2.97
TR-12-08	712.47	713.2	0.73	N829953	South to North	0.076	0.55
TR-12-08	713.2	714.9	1.7	N829954	South to North	1.675	1.17
TR-12-08	714.9	715.63	0.73	N829955	South to North	0.167	1.39
TR-12-08	715.63	717.2	1.57	N829956	South to North	0.106	1.13
TR-12-08	717.2	718.15	0.95	N829957	South to North	1.755	3.61
TR-12-08	718.15	720.19	2.04	N829958	South to North	0.063	0.85
TR-12-08	720.19	721.38	1.19	N829959	South to North	0.357	3.04
TR-12-08	721.38	723.6	2.22	N829960	South to North	0.173	1.27
TR-12-08	723.6	725.73	2.13	N829961	South to North	0.114	1.07
TR-12-08	725.73	726.79	1.06	N829962	South to North	0.093	0.66
TR-12-08	726.79	727.61	0.82	N829963	South to North	0.14	0.68
TR-12-08	727.61	728.24	0.63	N829964	South to North	0.173	1.11
TR-12-08	728.24	728.83	0.59	N829965	South to North	0.318	6.17
TR-12-08	728.83	730.52	1.69	N829966	South to North	0.08	0.96
TR-12-08	730.52	731.91	1.39	N829967	South to North	0.106	0.74
TR-12-08	731.91	732.56	0.65	N829968	South to North	0.311	3.93
TR-12-08	732.56	733.1	0.54	N829969	South to North	0.365	2.4
TR-12-08	733.1	734.68	1.58	N829970	South to North	0.743	6.5
TR-12-08	734.68	736.47	1.79	N829972	South to North	0.205	1.73
TR-12-08	736.47	737.22	0.75	N829973	South to North	0.697	1.64
TR-12-08	737.22	738.33	1.11	N829974	South to North	0.091	1.29

TR-12-08	738.33	739.19	0.86	N829975	South to North	0.886	3.78
TR-12-08	739.19	740.44	1.25	N829976	South to North	0.409	3.14
TR-12-08	740.44	741.37	0.93	N829977	South to North	0.153	3.41
TR-12-08	741.37	742.4	1.03	N829979	South to North	0.075	1.82
TR-12-08	742.4	743	0.6	N829980	South to North	0.077	1.63
TR-12-08	743	743.72	0.72	N829981	South to North	0.123	14.65
TR-12-08	743.72	744.34	0.62	N829982	South to North	0.041	2.41
TR-12-08	744.34	745.61	1.27	N829983	South to North	0.133	1.4
TR-12-08	745.61	747.45	1.84	N829984	South to North	0.082	7.8
TR-12-08	747.45	750.49	3.04	N829985	South to North	0.035	1.06
TR-12-08	750.49	751.2	0.71	N829986	South to North	0.032	0.68
TR-12-08	751.2	752.2	1	N829987	South to North	0.463	35.1
TR-12-08	752.2	753.1	0.9	N829988	South to North	0.117	4.36
TR-12-08	753.1	753.6	0.5	N829989	South to North	0.046	1.09
TR-12-08	753.6	759.5	5.9	N829751	South to North	0.025	0.45
TR-12-08	759.5	762.33	2.83	N829752	South to North	0.014	0.35
TR-12-08	762.33	763.33	1	N829753	South to North	0.023	0.45
TR-12-08	763.33	764.48	1.15	N829754	South to North	0.056	0.45
TR-12-08	764.48	765.52	1.04	N829755	South to North	0.104	0.52
TR-12-08	765.52	767.77	2.25	N829756	South to North	0.032	0.5
TR-12-08	767.77	768.83	1.06	N829757	South to North	0.039	0.58
TR-12-08	768.83	770.39	1.56	N829758	South to North	0.055	0.73
TR-12-08	770.39	772.1	1.71	N829759	South to North	0.165	0.74
TR-12-08	772.1	773.1	1	N829760	South to North	0.019	0.29
TR-12-08	773.1	774.41	1.31	N829761	South to North	0.05	0.5
TR-12-08	774.41	776.2	1.79	N829762	South to North	0.02	0.35
TR-12-08	776.2	780.28	4.08	N829763	South to North	0.047	0.45
TR-12-08	780.28	782.56	2.28	N829764	South to North	0.073	0.45
TR-12-08	782.56	784.23	1.67	N829765	South to North	0.012	0.28
TR-12-08	784.23	787	2.77	N829766	South to North	0.054	0.82
TR-12-08	787	790.1	3.1	N829767	South to North	0.074	0.79
TR-12-08	790.1	792.77	2.67	N829768	South to North	0.093	1.04
TR-12-08	792.77	795.06	2.29	N829769	South to North	0.039	0.71
TR-12-08	795.06	796.12	1.06	N829770	South to North	0.457	6
TR-12-08	796.12	797.3	1.18	N829771	South to North	0.031	2.11
TR-12-08	797.3	798.4	1.1	N829772	South to North	0.027	1.16
TR-12-08	798.4	799.64	1.24	N829773	South to North	0.116	2.02
TR-12-08	799.64	800.7	1.06	N829774	South to North	0.03	1.09
TR-12-08	800.7	802.61	1.91	N829776	South to North	0.06	1.57
TR-12-08	802.61	803.8	1.19	N829777	South to North	0.071	1.3
TR-12-08	803.8	805.1	1.3	N829778	South to North	0.057	1.27
TR-12-08	805.12	807.12	2	N829780	South to North	0.04	1.21
TR-12-08	807.12	808.1	0.98	N829781	South to North	0.06	1.06
TR-12-08	808.1	808.6	0.5	N829782	South to North	0.094	1.25
TR-12-08	808.6	809.79	1.19	N829783	South to North	0.242	28.5
TR-12-08	809.79	811.2	1.41	N829784	South to North	0.158	2.26
TR-12-08	811.2	812.2	1	N829785	South to North	0.211	2.35

TR-12-08	812.2	812.95	0.75	N829786	South to North	0.067	2.02
TR-12-08	812.95	813.66	0.71	N829787	South to North	0.036	1.81
TR-12-08	813.66	818	4.34	N829788	South to North	0.052	3.08
TR-12-08	818	822.79	4.79	N829789	South to North	0.036	0.76
TR-12-08	822.79	824.04	1.25	N829790	South to North	0.146	1.38
TR-12-08	824.04	825.56	1.52	N829791	South to North	0.053	0.5
TR-12-08	825.56	826.77	1.21	N829792	South to North	0.03	0.52
TR-12-08	826.77	828	1.23	N829793	South to North	0.05	0.4
TR-12-08	828	829.13	1.13	N829794	South to North	0.012	0.31
TR-12-08	829.13	829.73	0.6	N829795	South to North	0.038	0.5
TR-12-08	829.73	833.17	3.44	N829796	South to North	0.051	0.59
TR-12-08	833.17	835.18	2.01	N829797	South to North	0.014	0.37
TR-12-08	835.18	836.98	1.8	N829799	South to North	0.019	0.35
TR-12-08	836.98	838.2	1.22	N829800	South to North	0.0025	0.18
TR-12-08	838.2	839.12	0.92	N828601	South to North	0.046	0.67
TR-12-08	839.12	840.59	1.47	N828602	South to North	0.068	0.76
TR-12-08	840.59	842.27	1.68	N828603	South to North	0.029	0.6
TR-12-08	842.27	843.48	1.21	N828604	South to North	0.105	1.74
TR-12-08	843.48	845.6	2.12	N828605	South to North	0.033	1.16
TR-12-08	845.6	847.12	1.52	N828606	South to North	0.027	0.88
TR-12-08	847.12	849.35	2.23	N828607	South to North	0.047	1.05
TR-12-08	849.35	849.85	0.5	N828608	South to North	0.122	5.05
TR-12-08	849.85	851.1	1.25	N828609	South to North	1.405	16.75
TR-12-08	851.1	851.92	0.82	N828610	South to North	0.297	8.79
TR-12-08	851.92	853.02	1.1	N828611	South to North	0.402	10.8
TR-12-08	853.02	853.7	0.68	N828612	South to North	0.123	4.05
TR-12-08	853.7	854.31	0.61	N828613	South to North	1.665	56.2
TR-12-08	854.31	855.31	1	N828615	South to North	0.049	2.79
TR-12-08	855.31	856.62	1.31	N828616	South to North	0.164	3.69
TR-12-08	856.62	857.8	1.18	N828617	South to North	0.052	1.08
TR-12-08	857.8	858.8	1	N828618	South to North	0.043	1.32
TR-12-08	858.8	859.8	1	N828619	South to North	0.026	1.11
TR-12-08	859.8	860.97	1.17	N828620	South to North	0.043	1.32
TR-12-08	860.97	862.13	1.16	N828621	South to North	0.062	1.26
TR-12-08	862.13	862.63	0.5	N828622	South to North	0.066	1.5
TR-12-08	862.63	863.49	0.86	N828623	South to North	0.24	3.46
TR-12-08	863.49	864.13	0.64	N828624	South to North	0.097	2.46
TR-12-08	864.13	864.82	0.69	N828625	South to North	0.073	2.27
TR-12-08	864.82	865.71	0.89	N828626	South to North	0.182	4.81
TR-12-08	865.71	867.2	1.49	N828627	South to North	0.106	4.15
TR-12-08	867.2	868.46	1.26	N828628	South to North	0.156	3.19
TR-12-08	868.46	869.62	1.16	N828629	South to North	0.07	2.4
TR-12-08	869.62	871.22	1.6	N828630	South to North	0.282	6.53
TR-12-08	871.22	872.59	1.37	N828631	South to North	0.062	2.7
TR-12-08	872.59	876	3.41	N828632	South to North	0.044	1.43
TR-12-08	876	877.59	1.59	N828633	South to North	0.044	1.27
TR-12-08	877.59	879.14	1.55	N828634	South to North	0.071	1.23

TR-12-08	879.14	881.18	2.04	N828635	South to North	0.1	2.32
TR-12-08	881.18	882.73	1.55	N828636	South to North	0.366	6
TR-12-08	882.73	883.33	0.6	N828637	South to North	0.375	4.58
TR-12-08	883.33	883.94	0.61	N828638	South to North	0.579	2.45
TR-12-08	883.94	890.04	6.1	N828639	South to North	0.15	1.4
TR-12-08	890.04	891.04	1	N828641	South to North	0.052	0.93
TR-12-08	891.04	892.68	1.64	N828642	South to North	0.047	1.04
TR-12-08	892.68	894.93	2.25	N828643	South to North	0.115	0.53
TR-12-08	894.93	897.63	2.7	N828644	South to North	0.068	0.45
TR-12-08	897.63	898.63	1	N828645	South to North	0.571	1.22
TR-12-08	898.63	900.5	1.87	N828646	South to North	0.063	1.09
TR-12-08	900.5	903.5	3	N828647	South to North	0.06	0.94
TR-12-08	903.5	906.63	3.13	N828648	South to North	0.053	0.43
TR-12-08	906.63	907.5	0.87	N828649	South to North	0.027	0.44
TR-12-08	907.5	909.08	1.58	N828650	South to North	0.358	1.17
TR-12-08	909.08	910.82	1.74	N828651	South to North	0.05	0.52
TR-12-08	910.82	913.5	2.68	N828652	South to North	0.059	0.77
TR-12-08	913.5	915	1.5	N828653	South to North	0.063	1.38
TR-12-08	915	916.08	1.08	N828654	South to North	0.132	3
TR-12-08	916.08	917.34	1.26	N828656	South to North	0.062	1.63
TR-12-08	917.34	919.08	1.74	N828657	South to North	0.23	3.75
TR-12-08	919.08	920.5	1.42	N828658	South to North	0.168	4.04
TR-12-08	920.5	921.72	1.22	N828659	South to North	0.139	4.06
TR-12-08	921.72	922.6	0.88	N828660	South to North	0.135	4.99
TR-12-08	922.6	923.69	1.09	N828661	South to North	0.071	1.9
TR-12-08	923.69	924.49	0.8	N828662	South to North	0.039	0.9
TR-12-08	924.49	925.09	0.6	N828663	South to North	0.044	1.39
TR-12-08	925.09	925.97	0.88	N828664	South to North	1.21	50.9
TR-12-08	925.97	926.82	0.85	N828665	South to North	0.916	9.43
TR-12-08	926.82	928.15	1.33	N828666	South to North	0.08	1.49
TR-12-08	928.15	929.26	1.11	N828667	South to North	0.04	1.16
TR-12-08	929.26	930.35	1.09	N828668	South to North	0.059	1.33
TR-12-08	930.35	931.39	1.04	N828669	South to North	0.228	6.26
TR-12-08	931.39	932.07	0.68	N828670	South to North	0.042	1.91
TR-12-08	932.07	932.79	0.72	N828671	South to North	0.061	1.92
TR-12-08	932.79	933.39	0.6	N828672	South to North	0.196	2.22
TR-12-08	933.39	934.52	1.13	N828673	South to North	0.087	1.54
TR-12-08	934.52	935.52	1	N828674	South to North	0.05	1.43
TR-12-08	935.52	936.47	0.95	N828675	South to North	0.082	1.52
TR-12-08	936.47	937.94	1.47	N828676	South to North	0.055	1.55
TR-12-08	937.94	939.68	1.74	N828677	South to North	0.05	0.97
TR-12-08	939.68	940.92	1.24	N828678	South to North	0.032	1.06
TR-12-08	940.92	942.92	2	N828680	South to North	0.072	1.61
TR-12-08	942.92	943.75	0.83	N828681	South to North	0.058	1.01
TR-12-08	943.75	945.39	1.64	N828682	South to North	0.057	0.77
TR-12-08	945.39	946	0.61	N828683	South to North	0.033	0.67
TR-12-08	946	947.25	1.25	N828684	South to North	0.025	0.54

TR-12-08	947.25	948.85	1.6	N828685	South to North	0.072	2.43
TR-12-08	948.85	950.06	1.21	N828686	South to North	0.033	1.21
TR-12-08	950.06	951.06	1	N828687	South to North	0.386	2.75
TR-12-08	951.06	952.08	1.02	N828688	South to North	0.038	0.87
TR-12-08	952.08	952.74	0.66	N828689	South to North	0.049	2.26
TR-12-08	952.74	953.69	0.95	N828690	South to North	0.058	2.38
TR-12-08	953.69	954.7	1.01	N828692	South to North	0.107	2.75
TR-12-08	954.7	956.08	1.38	N828693	South to North	0.017	0.53
TR-12-08	956.08	957.73	1.65	N828694	South to North	0.063	0.95
TR-12-08	957.73	959.1	1.37	N828695	South to North	0.19	2.1
TR-12-08	959.1	959.78	0.68	N828696	South to North	0.409	2.58
TR-12-08	959.78	960.59	0.81	N828697	South to North	0.05	0.96
TR-12-08	960.59	962.22	1.63	N828698	South to North	0.206	1.12
TR-12-08	962.22	963.92	1.7	N828699	South to North	0.107	1.8
TR-12-08	963.92	964.52	0.6	N828700	South to North	0.085	4.64
TR-12-08	964.52	965.28	0.76	N828701	South to North	0.264	16.4
TR-12-08	965.28	965.8	0.52	N828702	South to North	0.044	2.73
TR-12-08	965.8	966.65	0.85	N828703	South to North	0.08	2.48
TR-12-08	966.65	967.72	1.07	N828704	South to North	0.102	4.13
TR-12-08	967.72	970.54	2.82	N828705	South to North	0.049	1.17
TR-12-08	970.54	971.72	1.18	N828707	South to North	0.047	4.24
TR-12-08	971.72	973.2	1.48	N828708	South to North	0.026	0.91
TR-12-08	973.2	974.38	1.18	N828709	South to North	0.168	0.75
TR-12-08	974.38	975.76	1.38	N828710	South to North	0.061	0.75
TR-12-08	975.76	977	1.24	N828711	South to North	0.094	1.44
TR-12-08	977	977.8	0.8	N828712	South to North	0.052	1.48
TR-12-08	977.8	979.16	1.36	N828713	South to North	0.03	0.85
TR-12-08	979.16	980	0.84	N828714	South to North	0.023	0.66
TR-12-08	980	981.1	1.1	N828715	South to North	0.03	0.69
TR-12-08	981.1	982.32	1.22	N828716	South to North	0.02	0.67
TR-12-08	982.32	983.75	1.43	N828717	South to North	0.016	0.63
TR-12-08	983.75	984.25	0.5	N828718	South to North	0.017	0.89
TR-12-08	984.25	984.93	0.68	N828719	South to North	0.021	0.73
TR-12-08	984.93	986.27	1.34	N828720	South to North	0.012	0.42
TR-12-08	986.27	987.28	1.01	N828721	South to North	0.02	0.51
TR-12-08	987.28	988.38	1.1	N828722	South to North	0.017	0.41
TR-12-08	988.38	990.1	1.72	N828723	South to North	0.022	0.75
TR-12-08	990.1	991.11	1.01	N828724	South to North	0.059	3.59
TR-12-08	991.11	992.43	1.32	N828725	South to North	0.445	22.6
TR-12-08	992.43	993.56	1.13	N828726	South to North	0.113	18.9
TR-12-08	993.56	994.6	1.04	N828728	South to North	0.079	1.01
TR-12-08	994.6	995.3	0.7	N828729	South to North	0.319	2.98
TR-12-08	995.3	995.82	0.52	N828730	South to North	0.034	0.79
TR-12-08	995.82	996.6	0.78	N828731	South to North	0.022	0.62
TR-12-08	996.6	997.8	1.2	N828732	South to North	0.015	0.39
TR-12-08	997.8	998.51	0.71	N828733	South to North	0.021	0.46
TR-12-08	998.51	1000.02	1.51	N828734	South to North	0.015	0.36

TR-12-08	1000.02	1001.2	1.18	N828735	South to North	0.048	0.62
TR-12-08	1001.2	1002.3	1.1	N828736	South to North	0.017	0.67
TR-12-08	1002.3	1003.3	1	N828737	South to North	0.023	0.63
TR-12-08	1003.3	1005.45	2.15	N828738	South to North	0.018	0.45
TR-12-08	1005.45	1006.19	0.74	N828739	South to North	0.01	0.35
TR-12-08	1010	1011.13	1.13	N828740	South to North	0.013	0.43
TR-12-08	1011.13	1012.44	1.31	N828742	South to North	0.058	1.88
TR-12-08	1012.44	1013.9	1.46	N828743	South to North	1.285	53.4
TR-12-08	1013.9	1014.9	1	N828744	South to North	0.116	2.75
TR-12-08	1014.9	1016.56	1.66	N828745	South to North	0.104	3.48
TR-12-08	1016.56	1018.32	1.76	N828746	South to North	0.159	1.62
TR-12-08	1018.32	1018.8	0.48	N828747	South to North	0.023	0.63
TR-12-08	1018.8	1019.94	1.14	N828748	South to North	0.032	1.36
TR-12-08	1019.94	1027.65	7.71	N828749	South to North	0.116	0.68
TR-12-08	1027.65	1031.07	3.42	N828750	South to North	0.013	0.52
TR-12-08	1031.07	1036.75	5.68	N828751	South to North	0.028	1.08
TR-12-08	1036.75	1037.79	1.04	N828752	South to North	0.019	0.5
TR-12-08	1037.79	1038.56	0.77	N828753	South to North	0.202	2.66
TR-12-08	1038.56	1039.82	1.26	N828754	South to North	0.259	2.27
TR-12-08	1039.82	1041.8	1.98	N828756	South to North	0.323	6.37
TR-12-08	1041.8	1043.34	1.54	N828757	South to North	0.273	1.49
TR-12-08	1043.34	1045	1.66	N828758	South to North	0.045	1.09
TR-12-08	1045	1046	1	N828759	South to North	0.102	1.29
TR-12-08	1046	1046.5	0.5	N828760	South to North	0.011	0.54
TR-12-08	1046.5	1047	0.5	N828761	South to North	0.018	0.65
TR-12-08S	16.8	19.54	2.74	N828851	South to North	0.053	0.55
TR-12-08S	19.54	21.41	1.87	N828852	South to North	0.039	0.64
TR-12-08S	21.41	23.51	2.1	N828853	South to North	0.049	0.49
TR-12-08S	23.51	25.87	2.36	N828854	South to North	0.029	0.33
TR-12-08S	25.87	28.54	2.67	N828855	South to North	0.046	0.67
TR-12-08S	28.54	30.06	1.52	N828856	South to North	0.039	0.36
TR-12-08S	30.06	32.37	2.31	N828857	South to North	0.056	0.57
TR-12-08S	32.37	34.6	2.23	N828858	South to North	0.045	0.56
TR-12-08S	34.6	36.6	2	N828859	South to North	0.061	1.33
TR-12-08S	36.6	37.92	1.32	N828860	South to North	0.029	0.82
TR-12-08S	37.92	39.73	1.81	N828861	South to North	0.028	0.62
TR-12-08S	39.73	41.31	1.58	N828862	South to North	0.038	0.76
TR-12-08S	41.31	42.97	1.66	N828863	South to North	0.086	0.98
TR-12-08S	42.97	45.12	2.15	N828864	South to North	0.048	0.63
TR-12-08S	45.12	48.06	2.94	N828865	South to North	0.058	0.87
TR-12-08S	48.06	51.21	3.15	N828866	South to North	0.044	0.76
TR-12-08S	51.21	52.2	0.99	N828867	South to North	0.056	1.37
TR-12-08S	52.2	53.31	1.11	N828869	South to North	0.052	1.83
TR-12-08S	53.31	55.8	2.49	N828870	South to North	0.057	1.09
TR-12-08S	55.8	57.36	1.56	N828871	South to North	0.049	1.82
TR-12-08S	57.36	58.5	1.14	N828872	South to North	0.07	1.57
TR-12-08S	58.5	60.2	1.7	N828873	South to North	0.045	1.48

TR-12-08S	60.2	61.95	1.75	N828874	South to North	0.041	2.21
TR-12-08S	61.95	63.9	1.95	N828875	South to North	0.068	3
TR-12-08S	63.9	65.33	1.43	N828876	South to North	0.058	5.88
TR-12-08S	65.33	66.7	1.37	N828877	South to North	0.073	9.16
TR-12-08S	66.7	68.65	1.95	N828878	South to North	0.068	2.22
TR-12-08S	68.65	70.22	1.57	N828880	South to North	0.066	1.35
TR-12-08S	70.22	73.2	2.98	N828881	South to North	0.068	1.3
TR-12-08S	73.2	75.7	2.5	N828882	South to North	0.051	1.75
TR-12-08S	75.7	77.1	1.4	N828883	South to North	0.099	1.71
TR-12-08S	77.1	78.2	1.1	N828884	South to North	0.044	1.04
TR-12-08S	78.2	80.58	2.38	N828885	South to North	0.005	0.21
TR-12-08S	80.58	83.3	2.72	N828886	South to North	0.0025	0.16
TR-12-08S	83.3	84.56	1.26	N828887	South to North	0.039	0.19
TR-12-08S	84.56	86.67	2.11	N828888	South to North	0.007	0.4
TR-12-08S	86.67	88.66	1.99	N828889	South to North	0.008	0.44
TR-12-08S	88.66	91.3	2.64	N828890	South to North	0.057	1.52
TR-12-08S	91.3	94	2.7	N828891	South to North	0.054	1.46
TR-12-08S	94	95	1	N828892	South to North	0.014	0.77
TR-12-08S	95	97	2	N828893	South to North	0.03	0.67
TR-12-08S	97	98.5	1.5	N828894	South to North	0.039	1.51
TR-12-08S	98.5	100.2	1.7	N828895	South to North	0.092	1.18
TR-12-08S	100.2	103.13	2.93	N828896	South to North	0.07	1.03
TR-12-08S	103.13	104.4	1.27	N828897	South to North	0.048	1.09
TR-12-08S	104.4	106.9	2.5	N828898	South to North	0.039	0.79
TR-12-08S	106.9	108.1	1.2	N828899	South to North	0.05	1.72
TR-12-08S	108.1	111.08	2.98	N828900	South to North	0.029	1.32
TR-12-08S	111.08	114	2.92	N828901	South to North	0.011	0.62
TR-12-08S	114	116	2	N828902	South to North	0.007	0.69
TR-12-08S	116	117.4	1.4	N828904	South to North	0.011	0.56
TR-12-08S	117.4	120.3	2.9	N828906	South to North	0.008	0.36
TR-12-08S	120.3	122.95	2.65	N828907	South to North	0.014	0.27
TR-12-08S	122.95	125.6	2.65	N828908	South to North	0.007	0.33
TR-12-08S	125.6	127	1.4	N828909	South to North	0.012	0.65
TR-12-23	0	1	1	N815528	North to South	0.025	1.69
TR-12-23	1	2	1	N815529	North to South	0.655	29.6
TR-12-23	2	3	1	N815530	North to South	0.721	37.2
TR-12-23	3	4	1	N815531	North to South	0.364	16.6
TR-12-23	4	5	1	N815532	North to South	0.221	11.6
TR-12-23	5	6.3	1.3	N815533	North to South	1.51	50.3
TR-12-23	6.3	7.5	1.2	N815534	North to South	0.12	7.08
TR-12-23	7.5	8.8	1.3	N815535	North to South	0.066	5.19
TR-12-23	8.8	10	1.2	N815536	North to South	0.041	4.88
TR-12-23	10	11	1	N815537	North to South	0.101	10.4
TR-12-23	11	12.1	1.1	N815538	North to South	0.038	3.76
TR-12-23	12.1	13.4	1.3	N815539	North to South	0.007	0.58
TR-12-23	13.4	15.1	1.7	N815541	North to South	0.05	4.29
TR-12-23	15.1	16.7	1.6	N815542	North to South	0.215	21.3

TR-12-23	16.7	18	1.3	N815543	North to South	0.058	4.12
TR-12-23	18	19	1	N815544	North to South	0.715	30.1
TR-12-23	19	20	1	N815545	North to South	0.533	16.95
TR-12-23	20	21.3	1.3	N815546	North to South	0.595	25.1
TR-12-23	21.3	22.6	1.3	N815547	North to South	0.693	59.1
TR-12-23	22.6	23.7	1.1	N815548	North to South	2.6	95.4
TR-12-23	23.7	25.1	1.4	N815549	North to South	1.785	49
TR-12-23	25.1	26	0.9	N815550	North to South	5.46	82.6
TR-12-23	26	27.7	1.7	N815552	North to South	0.083	7.97
TR-12-23	27.7	28.8	1.1	N815553	North to South	0.107	10
TR-12-23	28.8	29.5	0.7	N815554	North to South	0.304	12.15
TR-12-23	29.5	30	0.5	N815555	North to South	0.175	6.01
TR-12-34	0	8	8	M897684	South to North	0.054	0.66
TR-12-34	8	13.8	5.8	M897685	South to North	0.13	0.68
TR-12-34	13.8	15.85	2.05	M897686	South to North	0.073	0.7
TR-12-34	15.85	17.25	1.4	M897687	South to North	0.139	1.3
TR-12-34	17.25	18.66	1.41	M897688	South to North	2.36	6.63
TR-12-34	18.66	20.86	2.2	M897689	South to North	0.811	4.21
TR-12-34	20.86	23.31	2.45	M897690	South to North	0.159	2.3
TR-12-34	23.31	25.3	1.99	M897691	South to North	0.188	1.79
TR-12-34	25.3	27.02	1.72	M897692	South to North	0.2	2.14
TR-12-34	27.02	28.2	1.18	M897693	South to North	0.19	1.68
TR-12-34	28.2	30	1.8	M897694	South to North	0.229	1.37
TR-12-34	30	30.5	0.5	M897695	South to North	1.395	2.07
TR-12-34	30.5	31.5	1	M897696	South to North	0.933	6.51
TR-12-34	31.5	32.5	1	M897697	South to North	0.219	3.28
TR-12-34	32.5	33.52	1.02	M897698	South to North	0.771	4.13
TR-12-34	33.52	35.45	1.93	M897699	South to North	0.323	2.93
TR-12-34	35.45	45.15	9.7	M897700	South to North	0.125	1.77
TR-12-34	45.15	55.15	10	M897701	South to North	0.044	0.66
TR-12-34	55.15	65.15	10	M897702	South to North	0.032	0.89
TR-12-34	65.15	69.5	4.35	M897703	South to North	0.065	0.72
TR-12-34	69.5	70.7	1.2	M897705	South to North	0.256	0.91
TR-12-34	70.7	72.9	2.2	M897706	South to North	0.062	0.82
TR-12-34	72.9	74.35	1.45	M897707	South to North	0.144	2.34
TR-12-34	74.35	76.2	1.85	M897708	South to North	0.127	2.99
TR-12-34	76.2	76.7	0.5	M897709	South to North	0.085	2.55
TR-12-34	76.7	78	1.3	M897710	South to North	0.07	31.3
TR-12-34	78	79.3	1.3	M897711	South to North	0.038	3.14
TR-12-34	79.3	80.26	0.96	M897712	South to North	0.498	53.5
TR-12-34	80.26	81.9	1.64	M897713	South to North	0.049	5.95
TR-12-34	81.9	83.4	1.5	M897714	South to North	0.1	2.36
TR-12-34	83.4	84.6	1.2	M897715	South to North	0.062	5.74
TR-12-34	84.6	86.13	1.53	M897716	South to North	0.295	8.81
TR-12-34	86.13	86.65	0.52	M897717	South to North	0.251	4.84
TR-12-34	86.65	87.3	0.65	M897718	South to North	0.097	2.15
TR-12-34	87.3	88.9	1.6	M897720	South to North	0.066	1.74

TR-12-34	88.9	90.5	1.6	M897721	South to North	0.132	1.55
TR-12-34	90.5	92.7	2.2	M897722	South to North	0.042	1.41
TR-12-34	92.7	93.6	0.9	M897723	South to North	0.214	3.7
TR-12-34	93.6	96.3	2.7	M897724	South to North	0.111	4.91
TR-12-34	96.3	97.25	0.95	M897725	South to North	0.809	30.9
TR-12-34	97.25	99.1	1.85	M897726	South to North	0.105	4.55
TR-12-34	99.1	99.9	0.8	M897727	South to North	0.228	1.82
TR-12-34	99.9	101.5	1.6	M897728	South to North	0.041	1.03
TR-12-34	101.5	103.15	1.65	M897729	South to North	0.05	0.95
TR-12-34	103.15	104.3	1.15	M897730	South to North	0.056	0.79
TR-12-34	104.3	105.15	0.85	M897731	South to North	0.077	0.86
TR-12-34	105.15	106.4	1.25	M897732	South to North	0.19	2.01
TR-12-34	106.4	108.6	2.2	M897733	South to North	0.112	1.55
TR-12-34	108.6	111.6	3	M897734	South to North	0.069	0.98
TR-12-34	111.6	112.3	0.7	M897735	South to North	0.128	4.83
TR-12-34	112.3	114.4	2.1	M897736	South to North	0.172	8.37
TR-12-34	114.4	117.2	2.8	M897737	South to North	0.043	1.17
TR-12-34	117.2	118.5	1.3	M897738	South to North	0.024	0.66
TR-12-34	118.5	121	2.5	M897739	South to North	0.026	0.68
TR-12-34	121	123.8	2.8	M897740	South to North	0.043	1.09
TR-12-34	123.8	125.9	2.1	M897741	South to North	0.033	0.93
TR-12-34	125.9	127.3	1.4	M897742	South to North	0.123	2.83
TR-12-34	127.3	129.25	1.95	M897743	South to North	0.14	3.36
TR-12-34	129.25	130.5	1.25	M897744	South to North	0.474	69.2
TR-12-34	130.5	133.2	2.7	M897746	South to North	0.047	18.6
TR-12-34	133.2	135.3	2.1	M897747	South to North	0.033	2.13
TR-12-34	135.3	137.55	2.25	M897748	South to North	0.017	1.1
TR-12-34	137.55	138.3	0.75	M897749	South to North	0.144	2.76
TR-12-34	138.3	140.4	2.1	M897750	South to North	0.742	8.56
TR-12-34	140.4	143.4	3	M897751	South to North	0.06	7.13
TR-12-34	143.4	146.4	3	M897752	South to North	0.062	1.45
TR-12-34	146.4	149.4	3	M897753	South to North	0.536	2.15
TR-12-34	149.4	152.5	3.1	M897754	South to North	0.189	2.24
TR-12-34	152.5	157.1	4.6	M897756	South to North	0.062	1.45
TR-12-34	157.1	158.5	1.4	M897757	South to North	0.045	1.01
TR-12-34	158.5	161	2.5	M897758	South to North	0.051	0.95
TR-12-34	161	164	3	M897759	South to North	0.025	0.95
TR-12-34	164	166	2	M897760	South to North	0.033	0.78
TR-12-34	166	169	3	M897762	South to North	0.043	0.6
TR-12-34	169	174.1	5.1	M897763	South to North	0.021	0.47
TR-12-35	1.1	6.34	5.24	M897765	North to South	0.0025	0.34
TR-12-35	6.34	9.1	2.76	M897766	North to South	0.0025	0.36
TR-12-35	9.1	10.2	1.1	M897767	North to South	0.005	0.31
TR-12-35	10.2	12.09	1.89	M897768	North to South	0.0025	0.23
TR-12-35	12.09	14.6	2.51	M897769	North to South	0.0025	0.29
TR-12-35	14.6	16.74	2.14	M897770	North to South	0.006	0.23
TR-12-35	16.74	17.58	0.84	M897771	North to South	0.01	0.39

TR-12-35	17.58	20.15	2.57	M897772	North to South	0.006	0.25
TR-12-35	20.15	23	2.85	M897773	North to South	0.007	0.38
TR-12-35	23	27	4	M897774	North to South	0.023	0.4
TR-12-35	27	28.13	1.13	M897775	North to South	0.0025	0.18
TR-12-35	28.13	30.1	1.97	M897776	North to South	0.0025	0.2
TR-12-35	30.1	30.9	0.8	M897777	North to South	0.0025	0.27
TR-12-35	30.9	32.15	1.25	M897778	North to South	0.007	0.44
TR-12-35	32.15	34.25	2.1	M897779	North to South	0.01	0.51
TR-12-35	34.25	34.75	0.5	M897780	North to South	0.006	0.23
TR-12-35	34.75	35.8	1.05	M897781	North to South	0.006	0.26
TR-12-35	35.8	37.75	1.95	M897782	North to South	0.0025	0.17
TR-12-35	37.75	40.5	2.75	M897783	North to South	0.006	0.33
TR-12-35	40.5	42.7	2.2	M897784	North to South	0.505	63.2
TR-12-35	42.7	44.2	1.5	M897785	North to South	0.006	0.3
TR-12-35	44.2	45.7	1.5	M897786	North to South	0.011	0.58
TR-12-35	45.7	47.5	1.8	M897787	North to South	0.006	0.37
TR-12-35	47.5	48.7	1.2	M897788	North to South	0.006	0.31
TR-12-35	48.7	50.32	1.62	M897790	North to South	0.0025	0.46
TR-12-35	50.32	52.05	1.73	M897791	North to South	0.01	0.63
TR-12-35	52.05	53.7	1.65	M897792	North to South	0.013	0.91
TR-12-35	53.7	56	2.3	M897793	North to South	0.021	1.37
TR-12-35	56	57.1	1.1	M897794	North to South	0.009	0.49
TR-12-35	57.1	59.4	2.3	M897795	North to South	0.054	1.33
TR-12-35	59.4	61.3	1.9	M897797	North to South	0.014	0.71
TR-12-35	61.3	63.25	1.95	M897798	North to South	0.013	0.63
TR-12-35	63.25	64.4	1.15	M897799	North to South	0.016	0.79
TR-12-35	64.4	68.2	3.8	M897800	North to South	0.018	1.28
TR-12-35	68.2	68.96	0.76	M897801	North to South	0.015	0.67
TR-12-35	68.96	71.65	2.69	M897802	North to South	0.022	0.59
TR-12-35	71.65	75.2	3.55	M897803	North to South	0.026	1.02
TR-12-35	75.2	77.4	2.2	M897804	North to South	0.051	2.82
TR-12-35	77.4	79.67	2.27	M897805	North to South	0.413	27.1
TR-12-35	79.67	81.6	1.93	M897806	North to South	0.578	17.05
TR-12-35	81.6	82.6	1	M897807	North to South	8.29	452
TR-12-35	82.6	83.85	1.25	M897808	North to South	3.32	66.1
TR-12-35	83.85	85.8	1.95	M897809	North to South	0.095	5.08
TR-12-35	85.8	87.35	1.55	M897810	North to South	0.072	2.89
TR-12-35	87.35	88.55	1.2	M897811	North to South	0.04	1.56
TR-12-35	88.55	90.65	2.1	M897812	North to South	0.043	1.37
TR-12-35	90.65	92.96	2.31	M897813	North to South	0.03	0.56
TR-12-35	92.96	94.1	1.14	M897814	North to South	0.015	0.65
TR-12-35	94.1	95.08	0.98	M897815	North to South	0.014	0.7
TR-12-35	95.08	97.2	2.12	M897816	North to South	0.014	0.44
TR-12-35	97.2	99.6	2.4	M897817	North to South	0.229	0.6
TR-12-35	99.6	101.4	1.8	M897818	North to South	0.031	0.38
TR-12-35	101.4	103.5	2.1	M897819	North to South	0.0025	0.15
TR-12-35	103.5	105.4	1.9	M897820	North to South	0.0025	0.12

TR-12-35	105.4	106.2	0.8	M897821	North to South	0.0025	0.19
TR-12-35	106.2	108.02	1.82	M897822	North to South	0.0025	0.11
TR-12-35	108.02	109.6	1.58	M897823	North to South	0.0025	0.15
TR-12-35	109.6	113.24	3.64	M897824	North to South	0.0025	0.08
TR-12-35	113.24	117.05	3.81	M897825	North to South	0.0025	0.19
TR-12-35	117.05	119.4	2.35	M897827	North to South	0.0025	0.13
TR-12-35	119.4	121.3	1.9	M897828	North to South	0.007	0.17
TR-12-35	121.3	123.3	2	M897829	North to South	0.006	0.18
TR-12-35	123.3	133.3	10	M897830	North to South	0.025	0.19
TR-12-35	133.3	135.8	2.5	M897831	North to South	0.011	0.11
TR-12-35	135.8	138.45	2.65	M897833	North to South	0.204	0.57
TR-12-35	138.45	141.6	3.15	M897834	North to South	0.0025	0.11
TR-12-35	141.6	143.95	2.35	M897835	North to South	0.005	0.14
TR-12-35	143.95	147.1	3.15	M897836	North to South	0.0025	0.08
TR-12-35	147.1	147.9	0.8	M897837	North to South	0.0025	0.25
TR-12-35	147.9	150.5	2.6	M897838	North to South	0.007	0.33
TR-12-35	150.5	160	9.5	M897839	North to South	0.0025	0.16
TR-12-35	160	170	10	M897840	North to South	0.0025	0.25
TR-12-35	170	180	10	M897842	North to South	0.0025	0.22
TR-12-35	180	182	2	M897843	North to South	0.044	1.23
TR-12-35	182	183	1	M897844	North to South	0.014	0.48
TR-12-35	183	188.2	5.2	M897845	North to South	0.007	0.2
TR-12-35	188.2	189.95	1.75	M897846	North to South	0.0025	0.01
TR-12-36A	1	4	3	M899901	South to North	0.005	0.24
TR-12-36A	4	6.2	2.2	M899902	South to North	0.005	0.18
TR-12-36A	6.2	8	1.8	M899903	South to North	0.0025	0.13
TR-12-36A	8	9.08	1.08	M899904	South to North	0.011	0.71
TR-12-36A	9.08	10.93	1.85	M899905	South to North	0.01	0.64
TR-12-36A	10.93	12.8	1.87	M899906	South to North	0.006	0.21
TR-12-36A	12.8	14	1.2	M899907	South to North	0.0025	0.16
TR-12-36A	14	16.2	2.2	M899908	South to North	0.006	0.19
TR-12-36A	16.2	17.26	1.06	M899909	South to North	0.008	0.33
TR-12-36A	17.26	20.2	2.94	M899910	South to North	0.012	0.6
TR-12-36A	20.2	27.16	6.96	M899911	South to North	0.005	0.39
TR-12-36A	27.16	29.56	2.4	M899913	South to North	0.0025	0.15
TR-12-36A	29.56	30.8	1.24	M899914	South to North	0.007	0.62
TR-12-36A	30.8	32.2	1.4	M899915	South to North	0.0025	0.19
TR-12-36A	32.2	34.08	1.88	M899916	South to North	0.005	0.17
TR-12-36A	34.08	38.6	4.52	M899917	South to North	0.006	0.25
TR-12-36A	38.6	40.06	1.46	M899918	South to North	0.027	0.95
TR-12-36A	40.06	41.01	0.95	M899919	South to North	0.516	8.49
TR-12-36A	41.01	42.3	1.29	M899920	South to North	0.074	2.26
TR-12-36A	42.3	43.85	1.55	M899921	South to North	0.033	0.95
TR-12-36A	43.85	46.06	2.21	M899922	South to North	0.006	0.38
TR-12-36A	46.06	47.07	1.01	M899923	South to North	0.005	0.63
TR-12-36A	47.07	48.68	1.61	M899924	South to North	0.032	0.87
TR-12-36A	48.68	49.7	1.02	M899925	South to North	0.108	1.66

TR-12-36A	49.7	54.7	5	M899926	South to North	0.009	0.24
TR-12-36A	54.7	56.7	2	M899927	South to North	0.042	0.52
TR-12-36A	56.7	58.4	1.7	M899928	South to North	0.006	0.21
TR-12-36A	58.4	60	1.6	M899929	South to North	0.006	0.29
TR-12-36A	60	61.5	1.5	M899930	South to North	0.0025	0.17
TR-12-36A	61.5	62.5	1	M899931	South to North	0.073	1.38
TR-12-36A	62.5	63.8	1.3	M899932	South to North	0.062	1.48
TR-12-36A	63.8	64.65	0.85	M899934	South to North	0.0025	0.13
TR-12-36A	64.65	65.95	1.3	M899935	South to North	0.009	0.44
TR-12-36A	65.95	67.9	1.95	M899936	South to North	0.005	0.32
TR-12-36A	67.9	70.15	2.25	M899937	South to North	0.012	0.28
TR-12-36A	70.15	72.08	1.93	M899938	South to North	0.041	0.79
TR-12-36A	72.08	73.1	1.02	M899939	South to North	0.006	0.44
TR-12-36A	73.1	74.1	1	M899940	South to North	0.009	0.27
TR-12-36A	74.1	75.1	1	M899942	South to North	0.007	0.16
TR-12-36A	75.1	78.4	3.3	M899943	South to North	0.02	1.15
TR-12-36A	78.4	80.05	1.65	M899944	South to North	0.036	1.53
TR-12-36A	80.05	81.42	1.37	M899945	South to North	0.021	0.75
TR-12-36A	81.42	82.45	1.03	M899946	South to North	0.026	0.88
TR-12-36A	82.45	84.65	2.2	M899947	South to North	0.028	1.08
TR-12-36A	84.65	86.8	2.15	M899948	South to North	0.055	1.01
TR-12-36A	86.8	89.58	2.78	M899949	South to North	0.021	0.57
TR-12-36A	89.58	91.85	2.27	M899950	South to North	0.012	0.49
TR-12-36A	91.85	94.45	2.6	M899951	South to North	0.011	0.69
TR-12-36A	94.45	97.1	2.65	M899952	South to North	0.008	0.45
TR-12-36A	97.1	99.73	2.63	M899953	South to North	0.006	0.39
TR-12-36A	99.73	102	2.27	M899954	South to North	0.013	1.04
TR-12-36A	102	105	3	M899955	South to North	0.013	2.58
TR-12-36A	105	106	1	M899956	South to North	0.028	25.8
TR-12-36A	106	109	3	M899957	South to North	0.019	2.89
TR-12-36A	109	112	3	M899958	South to North	0.015	0.63
TR-12-36A	112	115	3	M899959	South to North	0.018	0.87
TR-12-36A	115	117.7	2.7	M899960	South to North	0.007	0.53
TR-12-36A	117.7	120.4	2.7	M899961	South to North	0.006	0.57
TR-12-36A	120.4	123	2.6	M899962	South to North	0.01	1.48
TR-12-36A	123	127	4	M899964	South to North	0.007	0.84
TR-12-36A	127	128.2	1.2	M899965	South to North	0.0025	0.27
TR-12-36A	128.2	129.6	1.4	M899966	South to North	0.0025	0.41
TR-12-36A	129.6	131.4	1.8	M899967	South to North	0.0025	0.34
TR-12-36A	131.4	133.4	2	M899968	South to North	0.0025	0.25
TR-12-36A	133.4	135.39	1.99	M899969	South to North	0.019	0.47
TR-12-36A	135.39	137.06	1.67	M899970	South to North	0.0025	0.15
TR-12-36A	137.06	139.6	2.54	M899971	South to North	0.005	0.2
TR-12-36A	139.6	140.6	1	M899972	South to North	0.0025	0.1
TR-12-36A	140.6	141.6	1	M899973	South to North	0.0025	0.1
TR-12-36A	141.6	143.4	1.8	M899974	South to North	0.0025	0.87
TR-12-36A	143.4	146.1	2.7	M899975	South to North	0.0025	0.26

TR-12-36A	146.1	148.5	2.4	M899976	South to North	0.0025	1.37
TR-12-36A	148.5	151.15	2.65	M899977	South to North	0.0025	0.33
TR-12-36A	151.15	154.9	3.75	M899978	South to North	0.005	1.74
TR-12-36A	154.9	156.75	1.85	M899979	South to North	0.062	77.9
TR-12-36A	156.75	159.1	2.35	M899980	South to North	0.005	1.04
TR-12-36B	12.3	13.65	1.35	M899981	South to North	0.0025	0.41
TR-12-36B	13.65	15.2	1.55	M899982	South to North	0.0025	0.19
TR-12-36B	15.2	16.4	1.2	M899983	South to North	0.0025	0.14
TR-12-36B	16.4	17.7	1.3	M899984	South to North	0.0025	0.2
TR-12-36B	17.7	19.55	1.85	M899985	South to North	0.0025	0.21
TR-12-36B	19.55	21	1.45	M899986	South to North	0.0025	0.2
TR-12-36B	21	22.5	1.5	M899987	South to North	0.0025	0.13
TR-12-36B	22.5	24.4	1.9	M899988	South to North	0.006	0.42
TR-12-36B	24.4	25.97	1.57	M899989	South to North	0.0025	0.18
TR-12-36B	25.97	27.54	1.57	M899990	South to North	0.0025	0.17
TR-12-36B	27.54	28.6	1.06	M899991	South to North	0.0025	0.45
TR-12-36B	28.6	30	1.4	M899992	South to North	0.005	0.55
TR-12-36B	30	32	2	M899993	South to North	0.0025	0.18
TR-12-36B	32	34	2	M899994	South to North	0.0025	0.07
TR-12-36B	34	36.3	2.3	M899995	South to North	0.0025	0.08
TR-12-36B	36.3	37.6	1.3	M899996	South to North	0.0025	0.07
TR-12-36B	37.6	39.55	1.95	M899997	South to North	0.0025	0.19
TR-12-36B	39.55	40.8	1.25	M899998	South to North	0.0025	0.08
TR-12-36B	40.8	43.4	2.6	M899999	South to North	0.0025	0.24
TR-12-36B	43.4	45.65	2.25	M879901	South to North	0.0025	0.22
TR-12-36B	45.65	48.5	2.85	M879903	South to North	0.0025	1.01
TR-12-36B	48.5	50.1	1.6	M879904	South to North	0.0025	0.64
TR-12-36B	50.1	50.9	0.8	M879905	South to North	0.006	0.48
TR-12-36B	50.9	52.1	1.2	M879907	South to North	0.0025	0.18
TR-12-36B	52.1	54.1	2	M879908	South to North	0.0025	0.17
TR-12-36B	54.1	55.6	1.5	M879909	South to North	0.017	0.54
TR-12-36B	55.6	57.3	1.7	M879910	South to North	0.0025	0.18
TR-12-36B	57.3	59.4	2.1	M879911	South to North	0.0025	0.13
TR-12-36B	59.4	61.45	2.05	M879912	South to North	0.0025	0.14
TR-12-36B	61.45	62.6	1.15	M879913	South to North	0.0025	0.16
TR-12-36B	62.6	64.04	1.44	M879914	South to North	0.0025	0.12
TR-12-36B	64.04	65.95	1.91	M879915	South to North	0.0025	0.14
TR-12-36B	65.95	67	1.05	M879916	South to North	0.0025	0.08
TR-12-36B	67	68.86	1.86	M879917	South to North	0.0025	0.09
TR-12-36B	68.86	70.06	1.2	M879918	South to North	0.0025	0.13
TR-12-36B	70.06	71.65	1.59	M879919	South to North	0.0025	0.21
TR-12-36B	71.65	73.4	1.75	M879920	South to North	0.0025	0.23
TR-12-36B	73.4	74.8	1.4	M879921	South to North	0.0025	0.21
TR-12-36B	74.8	76.9	2.1	M879922	South to North	0.0025	0.2
TR-12-36B	76.9	78.9	2	M879923	South to North	0.006	0.25
TR-12-36B	78.9	80.55	1.65	M879924	South to North	0.0025	0.27
TR-12-36B	80.55	82.25	1.7	M879925	South to North	0.0025	0.2

TR-12-36B	82.25	83.7	1.45	M879926	South to North	0.0025	0.19
TR-12-36B	83.7	85	1.3	M879927	South to North	0.0025	0.32
TR-12-36B	85	86.15	1.15	M879928	South to North	0.005	5.11
TR-12-36B	86.15	88.4	2.25	M879929	South to North	0.0025	3.01
TR-12-36B	88.4	91.1	2.7	M879930	South to North	0.005	2.95
TR-12-36B	91.1	93	1.9	M879931	South to North	0.0025	0.44
TR-12-36B	93	95.8	2.8	M879932	South to North	0.009	1.41
TR-12-36B	95.8	97.5	1.7	M879933	South to North	0.0025	0.32
TR-12-36B	97.5	99.3	1.8	M879935	South to North	0.006	0.31
TR-12-36B	99.3	101.7	2.4	M879936	South to North	0.01	0.14
TR-12-36B	101.7	103.7	2	M879937	South to North	0.0025	0.26
TR-12-36B	103.7	106	2.3	M879938	South to North	0.005	0.18
TR-12-36B	106	106.9	0.9	M879939	South to North	0.258	2.42
TR-12-36B	106.9	108	1.1	M879940	South to North	0.092	1.68
TR-12-36B	108	109.1	1.1	M879941	South to North	0.04	0.68
TR-12-36B	109.1	111	1.9	M879943	South to North	0.075	0.57
TR-12-36B	111	112.6	1.6	M879944	South to North	0.01	0.42
TR-12-36B	112.6	113.85	1.25	M897851	South to North	0.433	4.55
TR-12-36B	113.85	115.14	1.29	M897852	South to North	0.235	2.83
TR-12-36B	115.14	119	3.86	M897853	South to North	0.036	0.75
TR-12-36B	119	120.5	1.5	M897854	South to North	0.078	0.61
TR-12-36B	120.5	123.5	3	M897855	South to North	0.044	0.44
TR-12-36B	123.5	124.9	1.4	M897856	South to North	0.016	0.26
TR-12-36B	124.9	127	2.1	M897857	South to North	0.014	0.17
TR-12-36B	127	129.06	2.06	M897858	South to North	0.014	0.28
TR-12-36B	129.06	130.98	1.92	M897859	South to North	0.01	0.23
TR-12-36B	130.98	131.9	0.92	M897860	South to North	0.006	0.12
TR-12-36B	131.9	133.4	1.5	M897861	South to North	0.007	0.14
TR-12-36B	133.4	135.5	2.1	M897862	South to North	0.006	0.13
TR-12-36B	135.5	138.2	2.7	M897863	South to North	0.02	0.17
TR-12-36B	138.2	139.42	1.22	M897864	South to North	0.007	0.09
TR-12-36B	139.42	141.15	1.73	M897865	South to North	0.006	0.1
TR-12-36B	141.15	143.9	2.75	M897866	South to North	0.005	0.1
TR-12-36B	143.9	147.6	3.7	M897867	South to North	0.006	0.12
TR-12-36B	147.6	150.4	2.8	M897869	South to North	0.006	0.24
TR-12-36B	150.4	152	1.6	M897870	South to North	0.0025	0.13
TR-12-36B	152	154.45	2.45	M897871	South to North	0.005	0.19
TR-12-36B	154.45	157.42	2.97	M897872	South to North	0.008	0.72
TR-12-36B	157.42	159.26	1.84	M897873	South to North	0.02	0.47
TR-12-36B	159.26	161.05	1.79	M897874	South to North	0.016	0.54
TR-12-36B	161.05	163.8	2.75	M897875	South to North	0.018	0.95
TR-12-36B	163.8	165.85	2.05	M897876	South to North	0.008	0.5
TR-12-36B	165.85	167.45	1.6	M897877	South to North	0.242	2.44
TR-12-36B	167.45	168.8	1.35	M897878	South to North	0.228	1.11
TR-12-36B	168.8	170.02	1.22	M897879	South to North	0.007	0.39
TR-12-36B	170.02	171.2	1.18	M897880	South to North	0.005	0.31
TR-12-36B	171.2	174.3	3.1	M897882	South to North	0.013	0.55

TR-12-36B	174.3	175.52	1.22	M897883	South to North	0.0025	0.34
TR-12-36B	175.52	176.75	1.23	M897884	South to North	0.005	0.24
TR-12-36B	176.75	178.4	1.65	M897885	South to North	0.006	0.18
TR-12-36B	178.4	180.2	1.8	M897886	South to North	0.007	0.25
TR-12-36B	180.2	181.6	1.4	N815001	South to North	0.011	0.21
TR-12-36B	181.6	183.3	1.7	N815002	South to North	0.009	0.2
TR-12-36B	183.3	184.92	1.62	N815003	South to North	0.012	0.29
TR-12-36B	184.92	187.84	2.92	N815004	South to North	0.033	1.06
TR-12-36B	187.84	189.8	1.96	N815005	South to North	0.013	0.83
TR-12-36B	189.8	192.8	3	N815006	South to North	0.007	0.3
TR-12-36B	192.8	194.4	1.6	N815007	South to North	0.005	0.21
TR-12-36B	194.4	196.04	1.64	N815008	South to North	0.009	0.5
TR-12-36B	196.04	201.04	5	N815009	South to North	0.011	0.53
TR-12-36B	201.04	206	4.96	N815010	South to North	0.009	0.38
TR-12-36B	206	208.9	2.9	N815011	South to North	0.0025	0.13
TR-12-36B	217.4	219.75	2.35	N815012	South to North	0.0025	0.12
TR-12-36B	219.75	226.13	6.38	N815013	South to North	0.0025	0.44
TR-12-36B	226.13	230.7	4.57	N815015	South to North	0.0025	0.51
TR-12-36B	230.7	235.5	4.8	N815016	South to North	0.0025	0.22
TR-12-36B	235.5	238.25	2.75	N815017	South to North	0.006	0.16
TR-12-36B	238.25	248	9.75	N815018	South to North	0.0025	0.32
TR-12-36B	248	257.1	9.1	N815019	South to North	0.013	0.66
TR-12-36B	257.1	258.2	1.1	N815020	South to North	0.017	0.93
TR-12-36B	258.2	259.7	1.5	N815021	South to North	0.022	0.66
TR-12-36B	259.7	261.4	1.7	N815022	South to North	0.006	0.21
TR-12-36B	261.4	263.7	2.3	N815023	South to North	0.011	0.35
TR-12-36B	263.7	264.7	1	N815024	South to North	0.0025	0.24
TR-12-36B	264.7	266.2	1.5	N815025	South to North	0.0025	0.15
TR-12-36B	266.2	269.6	3.4	N815026	South to North	0.005	0.26
TR-12-36B	269.6	271.5	1.9	N815027	South to North	0.035	0.51
TR-12-36B	271.5	273.2	1.7	N815028	South to North	0.0025	0.38
TR-12-36B	273.2	274.8	1.6	N815029	South to North	0.006	34.5
TR-12-36B	274.8	275.8	1	N815030	South to North	0.007	0.32
TR-12-36B	275.8	277.9	2.1	N815031	South to North	0.006	0.81
TR-12-36B	277.9	280.2	2.3	N815032	South to North	0.005	0.44
TR-12-36B	280.2	281.3	1.1	N815033	South to North	0.006	0.16
TR-12-36B	281.3	282.7	1.4	N815035	South to North	0.0025	0.19
TR-12-36B	282.7	284	1.3	N815036	South to North	0.005	0.14
TR-12-36B	284	287.9	3.9	N815037	South to North	0.0025	0.16
TR-12-36B	287.9	290.3	2.4	N815038	South to North	0.0025	0.12
TR-12-36B	290.3	291.5	1.2	N815039	South to North	0.0025	0.18
TR-12-36B	291.5	293.1	1.6	N815040	South to North	0.082	4.93
TR-12-36B	293.1	294.5	1.4	N815041	South to North	0.013	0.92
TR-12-36B	294.5	295.5	1	N815042	South to North	0.006	0.75
TR-12-36B	295.5	299.5	4	N815043	South to North	0.0025	0.4
TR-12-36B	299.5	301.2	1.7	N815044	South to North	0.008	0.2
TR-12-36B	301.2	302.7	1.5	N815045	South to North	0.0025	0.26

TR-12-36B	302.7	304.8	2.1	N815046	South to North	0.0025	0.27
TR-12-36B	304.8	308.6	3.8	N815047	South to North	0.075	1.49
TR-12-36B	308.6	310	1.4	N815048	South to North	0.0025	0.24
TR-12-36B	310	311.8	1.8	N815049	South to North	0.0025	0.18
TR-12-36B	311.8	313.1	1.3	N815050	South to North	0.0025	0.14
TR-12-36B	313.1	314.7	1.6	N815051	South to North	0.0025	0.35
TR-12-36B	314.7	316.4	1.7	N815052	South to North	0.007	1.29
TR-12-36B	316.4	317.9	1.5	N815053	South to North	0.009	0.14
TR-12-36B	317.9	320.8	2.9	N815054	South to North	0.0025	0.18
TR-12-36B	320.8	322.06	1.26	N815055	South to North	0.0025	0.22
TR-12-36B	322.06	324	1.94	N815056	South to North	0.008	0.33
TR-12-36B	324	326.8	2.8	N815057	South to North	0.011	0.76
TR-12-36B	326.8	329.2	2.4	N815058	South to North	0.138	8.74
TR-12-36B	329.2	331.3	2.1	N815059	South to North	0.162	9.27
TR-12-36B	331.3	333.5	2.2	N815060	South to North	0.796	17.65
TR-12-36B	333.5	336	2.5	N815061	South to North	0.193	6.96
TR-12-36B	336	339.7	3.7	N815062	South to North	0.01	1.55
TR-12-36B	339.7	342.7	3	N815063	South to North	0.012	3.54
TR-12-36B	342.7	344.15	1.45	N815064	South to North	0.01	2.56
TR-12-36B	344.15	345.7	1.55	N815065	South to North	0.013	8.89
TR-12-36B	345.7	346.5	0.8	N815066	South to North	0.011	0.7
TR-12-36B	346.5	348.2	1.7	N815068	South to North	0.044	1.57
TR-12-36B	348.2	349.8	1.6	N815069	South to North	0.266	7.93
TR-12-36B	349.8	351.7	1.9	N815070	South to North	0.094	9.17
TR-12-36B	351.7	356.3	4.6	N815072	South to North	0.025	0.62
TR-12-36B	356.3	357.5	1.2	N815073	South to North	0.009	0.34
TR-12-36B	357.5	358.5	1	N815074	South to North	0.008	0.39
TR-12-36B	358.5	360.8	2.3	N815075	South to North	5.73	279
TR-12-36B	360.8	363.3	2.5	N815076	South to North	6.7	355
TR-12-36B	363.3	365.3	2	N815077	South to North	1.075	64.2
TR-12-36B	365.3	367.7	2.4	N815078	South to North	1.18	39.5
TR-12-36B	367.7	370.2	2.5	N815079	South to North	0.049	5.14
TR-12-36B	370.2	371.7	1.5	N815080	South to North	0.038	1.73
TR-12-36B	371.7	372.8	1.1	N815081	South to North	0.145	6.92
TR-12-36B	372.8	377.5	4.7	N815082	South to North	0.085	2.64
TR-12-36B	377.5	382.9	5.4	N815083	South to North	0.022	0.91
TR-12-36B	389.06	390.55	1.49	N815084	South to North	0.01	0.3
TR-12-36B	390.55	392.25	1.7	N815085	South to North	0.014	1.01
TR-12-36B	392.25	401.45	9.2	N815086	South to North	0.037	3.7
TR-12-36B	401.45	405.5	4.05	N815087	South to North	0.014	1.48
TR-12-36B	405.5	412.9	7.4	N815088	South to North	0.013	1.32
TR-12-36B	412.9	417.7	4.8	N815089	South to North	0.012	0.89
TR-12-36B	417.7	419.9	2.2	N815090	South to North	0.008	0.54
TR-12-36B	419.9	421.2	1.3	N815091	South to North	0.016	1.75
TR-12-36B	421.2	421.75	0.55	N815092	South to North	0.156	9.46
TR-12-36B	421.75	424.6	2.85	N815093	South to North	0.045	2.37
TR-12-36B	424.6	427.55	2.95	N815095	South to North	0.007	0.74

TR-12-36B	427.55	430.55	3	N815096	South to North	0.011	1.26
TR-12-36B	430.55	432.06	1.51	N815097	South to North	0.029	8.74
TR-12-36B	432.06	433.3	1.24	N815098	South to North	0.012	1.77
TR-12-36B	433.3	434	0.7	N815099	South to North	0.02	1.71
TR-12-36B	434	436.35	2.35	N815100	South to North	0.018	0.96
TR-12-36B	436.35	437.9	1.55	N815101	South to North	0.0025	0.6
TR-12-36B	437.9	441.08	3.18	N815103	South to North	0.005	0.99
TR-12-36B	441.08	443.2	2.12	N815104	South to North	0.008	0.97
TR-12-36B	443.2	445.45	2.25	N815105	South to North	0.009	1.9
TR-12-36B	445.45	447.32	1.87	N815106	South to North	0.013	1.39
TR-12-36B	447.32	450.65	3.33	N815107	South to North	0.007	1.33
TR-12-36B	450.65	453	2.35	N815108	South to North	0.006	1
TR-12-36B	453	463	10	N815191	South to North	0.005	0.8
TR-12-36B	463	468	5	N815192	South to North	0.006	0.75
TR-12-36B	468	470.7	2.7	N815193	South to North	0.007	0.69
TR-12-36B	470.7	473.7	3	N815194	South to North	0.005	0.42
TR-12-36B	473.7	474.55	0.85	N815195	South to North	0.236	37
TR-12-36B	474.55	476.5	1.95	N815196	South to North	0.012	1.29
TR-12-36B	476.5	478.6	2.1	N815197	South to North	0.006	0.94
TR-12-36B	478.6	481.53	2.93	N815198	South to North	0.0025	0.39
TR-12-36B	481.53	483.35	1.82	N815199	South to North	0.011	1.2
TR-12-36B	483.35	484.5	1.15	N815200	South to North	0.008	0.69
TR-12-36B	484.5	487	2.5	N815201	South to North	0.005	0.32
TR-12-36B	487	490	3	N815202	South to North	0.0025	0.44
TR-12-36B	490	492.55	2.55	N815203	South to North	0.0025	0.41
TR-12-36B	492.55	495.58	3.03	N815204	South to North	0.011	2.97
TR-12-36B	495.58	496.5	0.92	N815205	South to North	0.007	0.35
TR-12-36B	496.5	498.3	1.8	N815206	South to North	0.0025	0.28
TR-12-36B	498.3	500.4	2.1	N815207	South to North	0.0025	0.3
TR-12-36B	500.4	503	2.6	N815208	South to North	0.047	1.98
TR-12-36B	503	504.6	1.6	N815209	South to North	0.047	2.24
TR-12-36B	504.6	506.45	1.85	N815210	South to North	0.016	0.67
TR-12-36B	506.45	511.14	4.69	N815211	South to North	0.019	1.56
TR-12-36B	515	518	3	N815212	South to North	0.393	2.82
TR-12-36B	518	519.25	1.25	N815213	South to North	0.439	1.89
TR-12-36B	519.25	521.15	1.9	N815214	South to North	0.519	2.69
TR-12-36B	521.15	523.3	2.15	N815216	South to North	0.014	0.48
TR-12-36B	523.3	525	1.7	N815217	South to North	0.036	1.17
TR-12-36B	525	534.6	9.6	N815218	South to North	0.013	0.3
TR-12-36B	534.6	536.5	1.9	N815219	South to North	0.009	0.2
TR-12-36B	536.5	539.18	2.68	N815220	South to North	0.016	0.6
TR-12-36B	539.18	540.8	1.62	N815221	South to North	0.008	0.25
TR-12-36B	540.8	550.8	10	N815222	South to North	0.011	0.28
TR-12-36B	550.8	556	5.2	N815223	South to North	0.011	0.24
TR-12-36B	556	559	3	N815225	South to North	0.013	0.43
TR-12-36B	559	563.85	4.85	N815226	South to North	0.005	0.25
TR-12-36B	563.85	565.6	1.75	N815227	South to North	0.008	0.48

TR-12-36B	565.6	575.6	10	N815228	South to North	0.0025	0.28
TR-12-36B	575.6	578.6	3	N815229	South to North	0.05	1.12
TR-12-36B	578.6	581.55	2.95	N815230	South to North	0.022	0.74
TR-12-36B	581.55	587.6	6.05	N815231	South to North	0.0025	0.29
TR-12-36B	587.6	594.75	7.15	N815232	South to North	0.011	0.42
TR-12-36B	594.75	598.4	3.65	N815233	South to North	0.007	0.33
TR-12-36B	598.4	601.26	2.86	N815234	South to North	0.078	1.46
TR-12-36B	601.26	606.87	5.61	N815235	South to North	0.0025	0.27
TR-12-36B	606.87	610.6	3.73	N815237	South to North	0.0025	0.33
TR-12-36B	610.6	613.3	2.7	N815238	South to North	0.012	0.75
TR-12-36B	613.2	615.84	2.64	N815239	South to North	0.025	1.21
TR-12-36B	615.84	620.6	4.76	N815240	South to North	0.012	1.2
TR-12-36B	638.5	639.5	1	N815241	South to North	0.006	0.33
TR-12-36B	639.5	640.95	1.45	N815242	South to North	0.009	0.33
TR-12-36B	640.95	642.35	1.4	N815243	South to North	0.015	0.49
TR-12-36B	642.35	644.25	1.9	N815244	South to North	0.34	3.3
TR-12-36B	644.25	646.3	2.05	N815245	South to North	0.005	0.22
TR-12-36B	646.3	647.55	1.25	N815246	South to North	0.036	0.34
TR-12-36B	647.55	648.95	1.4	N815247	South to North	0.02	0.42
TR-12-36B	648.95	649.9	0.95	N815248	South to North	0.018	1.12
TR-12-36B	649.9	652.7	2.8	N815250	South to North	0.0025	0.17
TR-12-36B	652.7	655	2.3	N815251	South to North	0.0025	0.21
TR-12-36B	655	656.1	1.1	N815252	South to North	0.0025	0.76
TR-12-36B	656.1	657.2	1.1	N815253	South to North	0.089	10.65
TR-12-36B	657.2	659.2	2	N815254	South to North	0.076	6.55
TR-12-36B	659.2	660.4	1.2	N815255	South to North	0.17	13.2
TR-12-36B	660.4	662.7	2.3	N815256	South to North	0.006	0.41
TR-12-36B	662.7	664.4	1.7	N815257	South to North	0.2	27
TR-12-36B	664.4	667.4	3	N815258	South to North	0.0025	0.48
TR-12-36B	667.4	669.45	2.05	N815259	South to North	0.0025	0.26
TR-12-36B	669.45	671.72	2.27	N815260	South to North	0.0025	0.15
TR-12-36B	671.72	673.6	1.88	N815261	South to North	0.0025	0.08
TR-12-36B	673.6	679.6	6	N815262	South to North	0.0025	0.11
TR-12-36B	679.6	682.95	3.35	N815263	South to North	0.029	0.32
TR-12-36B	700.4	705.4	5	N815264	South to North	0.008	0.19
TR-12-36B	705.4	708.4	3	N815265	South to North	0.0025	0.18
TR-12-36B	708.4	711.4	3	N815266	South to North	0.006	0.37
TR-12-36B	711.4	713.3	1.9	N815267	South to North	0.0025	0.17
TR-12-36B	713.4	714.4	1	N815268	South to North	0.0025	0.16
TR-12-36B	714.4	717.4	3	N815269	South to North	0.101	1.13
TR-12-36B	717.4	719.4	2	N815270	South to North	0.0025	0.2
TR-12-36B	719.4	729.4	10	N815271	South to North	0.297	6.85
TR-12-36B	729.4	739.25	9.85	N815272	South to North	0.006	0.19
TR-12-36B	739.25	742.4	3.15	N815273	South to North	0.0025	0.14
TR-12-36B	742.4	745.2	2.8	N815274	South to North	0.0025	0.16
TR-12-36B	745.2	748	2.8	N815275	South to North	0.0025	0.22
TR-12-36B	748	751.2	3.2	N815276	South to North	0.079	1.24

TR-12-36B	751.2	753	1.8	N815277	South to North	0.177	3.06
TR-12-36B	753	756	3	N815278	South to North	0.014	0.69
TR-12-36B	756	759	3	N815279	South to North	0.009	0.48
TR-12-36B	759	762	3	N815281	South to North	0.043	1.85
TR-12-36B	762	764.1	2.1	N815282	South to North	0.326	25.2
TR-12-36B	764.1	769	4.9	N815283	South to North	0.077	1.56
TR-12-36B	769	772	3	N815284	South to North	0.111	1.83
TR-12-36B	772	775.15	3.15	N815285	South to North	0.062	1.01
TR-12-36B	775.15	780.15	5	N815287	South to North	0.008	0.41
TR-12-37	0	2.6	2.6	N815288	South to North	0.0025	0.37
TR-12-37	2.6	3.9	1.3	N815289	South to North	0.007	0.38
TR-12-37	3.9	5.6	1.7	N815290	South to North	0.024	0.66
TR-12-37	5.6	7.08	1.48	N815291	South to North	0.042	1.02
TR-12-37	7.08	8.1	1.02	N815292	South to North	0.006	0.5
TR-12-37	8.1	9.45	1.35	N815293	South to North	0.041	1.03
TR-12-37	9.45	11.7	2.25	N815294	South to North	0.005	0.14
TR-12-37	11.7	13.1	1.4	N815295	South to North	0.0025	0.1
TR-12-37	13.1	15.07	1.97	N815296	South to North	0.0025	0.19
TR-12-37	15.07	16.24	1.17	N815297	South to North	0.014	0.44
TR-12-37	16.24	18.1	1.86	N815298	South to North	0.0025	0.16
TR-12-37	18.1	20	1.9	N815299	South to North	0.005	0.29
TR-12-37	20	22.1	2.1	N815300	South to North	0.006	0.34
TR-12-37	22.1	24.7	2.6	N815301	South to North	0.008	0.32
TR-12-37	24.7	27	2.3	N815302	South to North	0.069	1.43
TR-12-37	27	30	3	N815303	South to North	0.007	0.38
TR-12-37	30	33	3	N815304	South to North	0.019	0.71
TR-12-37	33	35.4	2.4	N815305	South to North	0.0025	0.49
TR-12-37	35.4	38.1	2.7	N815306	South to North	0.005	0.57
TR-12-37	38.1	40.15	2.05	N815307	South to North	0.0025	0.21
TR-12-37	40.15	42.45	2.3	N815308	South to North	0.0025	0.14
TR-12-37	42.45	45.05	2.6	N815309	South to North	0.0025	0.48
TR-12-37	45.05	47.97	2.92	N815310	South to North	0.0025	0.4
TR-12-37	47.97	50.51	2.54	N815311	South to North	0.0025	0.24
TR-12-37	50.51	53	2.49	N815312	South to North	0.029	0.55
TR-12-37	53	54.55	1.55	N815313	South to North	0.022	0.26
TR-12-37	54.55	56.2	1.65	N815314	South to North	0.052	1.01
TR-12-37	56.2	58.2	2	N815315	South to North	0.0025	0.32
TR-12-37	58.2	59.1	0.9	N815316	South to North	0.026	0.81
TR-12-37	59.1	61.88	2.78	N815318	South to North	0.0025	0.18
TR-12-37	61.88	64.5	2.62	N815319	South to North	0.0025	0.19
TR-12-37	64.5	66.4	1.9	N815320	South to North	0.0025	0.26
TR-12-37	66.4	68.3	1.9	N815321	South to North	0.0025	0.17
TR-12-37	68.3	70.8	2.5	N815323	South to North	0.006	0.5
TR-12-37	70.8	72.4	1.6	N815324	South to North	0.0025	0.25
TR-12-37	72.4	74.75	2.35	N815325	South to North	0.0025	0.15
TR-12-37	74.75	76.2	1.45	N815326	South to North	0.0025	0.13
TR-12-37	76.2	77.7	1.5	N815327	South to North	0.0025	0.13

TR-12-37	77.7	78.4	0.7	N815328	South to North	0.32	2.34
TR-12-37	78.4	80.6	2.2	N815329	South to North	0.0025	0.21
TR-12-37	80.6	82.95	2.35	N815330	South to North	0.0025	0.17
TR-12-37	82.95	84.2	1.25	N815331	South to North	0.0025	0.3
TR-12-37	84.2	86.5	2.3	N815332	South to North	0.0025	0.36
TR-12-37	86.5	89.4	2.9	N815333	South to North	0.0025	0.18
TR-12-37	89.4	91.4	2	N815334	South to North	0.0025	0.21
TR-12-37	91.4	94.4	3	N815335	South to North	0.0025	0.18
TR-12-37	94.4	97.4	3	N815336	South to North	0.0025	0.17
TR-12-37	97.4	101.4	4	N815337	South to North	0.0025	0.16
TR-12-37	101.4	103.1	1.7	N815338	South to North	0.082	0.42
TR-12-37	103.1	104.4	1.3	N815340	South to North	0.007	0.24
TR-12-37	104.4	107.4	3	N815341	South to North	0.0025	0.13
TR-12-37	107.4	109.1	1.7	N815342	South to North	0.0025	0.29
TR-12-37	109.1	110.6	1.5	N815343	South to North	0.0025	0.51
TR-12-37	110.6	111.25	0.65	N815344	South to North	0.0025	0.72
TR-12-37	111.25	113.5	2.25	N815345	South to North	0.0025	0.3
TR-12-37	113.5	115.8	2.3	N815346	South to North	0.0025	0.15
TR-12-37	115.8	117.2	1.4	N815347	South to North	0.007	0.59
TR-12-37	117.2	122.1	4.9	N815348	South to North	0.0025	0.23
TR-12-37	122.1	125.5	3.4	N815349	South to North	0.005	0.43
TR-12-37	125.5	129.5	4	N815351	South to North	0.097	1.4
TR-12-37	129.5	130.5	1	N815352	South to North	0.085	1.11
TR-12-37	130.5	133.2	2.7	N815353	South to North	0.008	0.28
TR-12-37	133.2	135.9	2.7	N815354	South to North	0.005	0.18
TR-12-37	135.9	138.04	2.14	N815355	South to North	0.08	1.62
TR-12-37	138.04	139.7	1.66	N815356	South to North	0.038	1.47
TR-12-37	139.7	141.54	1.84	N815357	South to North	0.195	4.47
TR-12-37	141.54	149.1	7.56	N815358	South to North	0.01	0.72
TR-12-37	149.1	150.95	1.85	N815359	South to North	0.045	1.69
TR-12-37	150.95	155.6	4.65	N815360	South to North	0.0025	0.23
TR-12-37	155.6	157.5	1.9	N815361	South to North	0.0025	0.16
TR-12-37	157.5	158.9	1.4	N815362	South to North	0.0025	0.08
TR-12-37	158.9	159.6	0.7	N815363	South to North	0.126	10.6
TR-12-37	159.6	162.25	2.65	N815364	South to North	0.04	1.05
TR-12-37	162.25	163.4	1.15	N815365	South to North	0.009	0.57
TR-12-37	163.4	165.5	2.1	N815366	South to North	0.006	1.15
TR-12-37	165.5	170.5	5	N815367	South to North	0.0025	0.34
TR-12-37	170.5	175.5	5	N815368	South to North	0.0025	0.16
TR-12-37	175.5	180.5	5	N815369	South to North	0.0025	0.23
TR-12-37	180.5	185.5	5	N815370	South to North	0.0025	0.31
TR-12-37	185.5	190.5	5	N815371	South to North	0.0025	0.27
TR-12-37	190.5	195.5	5	N815372	South to North	0.0025	0.54
TR-12-37	195.5	200.5	5	N815373	South to North	0.0025	0.25
TR-12-37	200.5	210.05	9.55	N815374	South to North	0.005	0.85
TR-12-37	210.05	218	7.95	N815375	South to North	0.0025	0.27
TR-12-37	218	222	4	N815376	South to North	0.0025	0.13

TR-12-37	222	223.5	1.5	N815377	South to North	0.0025	0.16
TR-12-37	223.5	224.65	1.15	N815378	South to North	0.0025	0.14
TR-12-37	224.65	228.55	3.9	N815379	South to North	0.0025	0.09
TR-12-37	228.55	229.5	0.95	N815380	South to North	0.0025	0.28
TR-12-37	229.5	235.8	6.3	N815381	South to North	0.0025	0.38
TR-12-37	235.8	236.1	0.3	N815382	South to North	0.006	1.34
TR-12-37	236.1	241.4	5.3	N815383	South to North	0.0025	0.42
TR-12-37	241.4	246.4	5	N815385	South to North	0.0025	0.39
TR-12-37	246.4	249	2.6	N815386	South to North	0.0025	0.8
TR-12-37	249	251.5	2.5	N815387	South to North	0.029	1.4
TR-12-37	251.5	253.02	1.52	N815388	South to North	0.141	2.13
TR-12-37	253.02	255.6	2.58	N815389	South to North	0.0025	0.19
TR-12-37	255.6	256.4	0.8	N815390	South to North	0.048	3.88
TR-12-37	256.4	258.04	1.64	N815391	South to North	0.038	1.92
TR-12-37	258.04	259.6	1.56	N815392	South to North	0.032	1.65
TR-12-37	259.6	261.1	1.5	N815394	South to North	0.015	0.69
TR-12-37	261.1	261.89	0.79	N815395	South to North	0.075	3.63
TR-12-37	261.89	265.8	3.91	N815396	South to North	0.005	2.86
TR-12-37	265.8	270	4.2	N815397	South to North	0.0025	0.4
TR-12-37	270	275	5	N815398	South to North	0.0025	0.33
TR-12-37	275	280	5	N815399	South to North	0.0025	0.27
TR-12-37	280	283.6	3.6	N815400	South to North	0.015	1.89
TR-12-37	283.6	286.4	2.8	N815401	South to North	0.006	1.39
TR-12-37	286.4	287.2	0.8	N815402	South to North	0.006	1
TR-12-37	287.2	289.6	2.4	N815403	South to North	0.0025	0.71
TR-12-37	289.6	291.5	1.9	N815404	South to North	0.0025	0.3
TR-12-37	291.5	295.4	3.9	N815405	South to North	0.0025	0.22
TR-12-37	295.4	303.25	7.85	N815406	South to North	0.0025	0.31
TR-12-37	303.25	306.3	3.05	N815407	South to North	0.0025	0.4
TR-12-37	306.3	312.1	5.8	N815408	South to North	0.0025	0.52
TR-12-37	312.1	313	0.9	N815409	South to North	0.007	0.2
TR-12-37	313	314	1	N815410	South to North	0.006	0.13
TR-12-37	314	315.4	1.4	N815411	South to North	0.0025	0.11
TR-12-37	315.4	316.5	1.1	N815413	South to North	0.0025	0.06
TR-12-37	316.5	317.7	1.2	N815414	South to North	0.0025	0.06
TR-12-37	317.7	319.8	2.1	N815415	South to North	0.0025	0.17
TR-12-37	319.8	324	4.2	N815416	South to North	0.0025	0.44
TR-12-37	324	329	5	N815417	South to North	0.0025	0.28
TR-12-37	329	334	5	N815418	South to North	0.0025	0.38
TR-12-37	334	338.8	4.8	N815419	South to North	0.0025	0.23
TR-12-37	338.8	340.4	1.6	N815420	South to North	0.0025	0.5
TR-12-37	340.4	345	4.6	N815421	South to North	0.0025	0.29
TR-12-37	345	349	4	N815422	South to North	0.0025	0.15
TR-12-37	349	350.4	1.4	N815423	South to North	0.005	0.34
TR-12-37	350.4	360.4	10	N815424	South to North	0.0025	0.16
TR-12-37	360.4	365.1	4.7	N815426	South to North	0.0025	0.18
TR-12-37	365.1	370	4.9	N815427	South to North	0.0025	0.13

TR-12-37	370	375	5	N815428	South to North	0.0025	0.15
TR-12-37	375	380	5	N815429	South to North	0.0025	0.21
TR-12-37	380	385	5	N815430	South to North	0.0025	0.19
TR-12-37	385	390	5	N815431	South to North	0.0025	0.23
TR-12-37	390	395	5	N815432	South to North	0.006	0.46
TR-12-37	395	401.2	6.2	N815433	South to North	0.0025	0.39
TR-12-37	401.2	405.95	4.75	N815434	South to North	0.0025	0.2
TR-12-37	405.95	412.1	6.15	N815435	South to North	0.0025	0.31
TR-12-37	412.1	417.5	5.4	N815436	South to North	0.0025	0.15
TR-12-37	417.5	424.7	7.2	N815437	South to North	0.0025	0.16
TR-12-37	424.7	431.1	6.4	N815438	South to North	0.0025	0.21
TR-12-37	431.1	434.3	3.2	N815439	South to North	0.0025	0.18
TR-12-37	434.3	436.08	1.78	N815440	South to North	0.014	1.04
TR-12-37	436.08	438	1.92	N815441	South to North	0.0025	0.22
TR-12-37	438	439.8	1.8	N815442	South to North	0.0025	0.48
TR-12-37	439.8	441.5	1.7	N815443	South to North	0.0025	0.41
TR-12-37	441.5	443.5	2	N815444	South to North	0.0025	0.26
TR-12-37	443.5	445.1	1.6	N815445	South to North	0.0025	11.65
TR-12-37	445.1	447.3	2.2	N815446	South to North	0.0025	0.5
TR-12-37	447.3	449	1.7	N815447	South to North	0.013	0.77
TR-12-37	449	450.1	1.1	N815448	South to North	0.0025	0.28
TR-12-37	450.1	451.5	1.4	N815450	South to North	0.0025	0.34
TR-12-37	451.5	454.2	2.7	N815451	South to North	0.005	0.83
TR-12-37	454.2	456.38	2.18	N815452	South to North	0.0025	0.25
TR-12-37	456.38	459	2.62	N815453	South to North	0.0025	0.27
TR-12-37	459	461.4	2.4	N815454	South to North	0.0025	0.29
TR-12-37	461.4	470	8.6	N815455	South to North	0.0025	0.37
TR-12-37	470	473	3	N815456	South to North	0.0025	0.32
TR-12-37	473	475.8	2.8	N815457	South to North	0.0025	0.34
TR-12-37	475.8	477.5	1.7	N815458	South to North	0.0025	0.29
TR-12-37	477.5	480.4	2.9	N815459	South to North	0.332	8.67
TR-12-37	480.4	482.1	1.7	N815460	South to North	0.04	0.85
TR-12-37	482.1	484.3	2.2	N815461	South to North	0.013	0.55
TR-12-37	484.3	494.3	10	N815462	South to North	0.0025	0.54
TR-12-37	494.3	504.2	9.9	N815464	South to North	0.0025	0.49
TR-12-37	504.2	512	7.8	N815465	South to North	0.0025	1.44
TR-12-37	512	516.5	4.5	N815466	South to North	0.0025	0.24
TR-12-37	516.5	518.3	1.8	N815467	South to North	0.0025	0.52
TR-12-37	518.3	520.35	2.05	N815468	South to North	0.0025	0.59
TR-12-37	520.35	522.5	2.15	N815469	South to North	0.0025	0.3
TR-12-37	522.5	531.7	9.2	N815470	South to North	0.0025	0.34
TR-12-37	531.7	533.4	1.7	N815471	South to North	0.0025	0.18
TR-12-37	533.4	536.5	3.1	N815472	South to North	0.0025	0.2
TR-12-37	536.5	538.3	1.8	N815473	South to North	0.0025	0.17
TR-12-37	538.3	541	2.7	N815474	South to North	0.0025	0.21
TR-12-37	541	543.7	2.7	N815475	South to North	0.0025	0.27
TR-12-37	543.7	546	2.3	N815476	South to North	0.0025	0.19

TR-12-37	546	550	4	N815477	South to North	0.0025	0.08
TR-12-37	550	551.2	1.2	N815478	South to North	0.0025	0.11
TR-12-37	551.2	557.7	6.5	N815479	South to North	0.0025	0.09
TR-12-37	557.7	560	2.3	N815480	South to North	0.0025	0.06
TR-12-37	560	570	10	N815481	South to North	0.0025	0.11
TR-12-37	570	573.58	3.58	N815482	South to North	0.0025	0.08
TR-12-37	573.58	574.7	1.12	N815483	South to North	0.0025	0.12
TR-12-37	574.7	576.1	1.4	N815484	South to North	0.0025	0.11
TR-12-37	576.1	585	8.9	N815485	South to North	0.0025	0.1
TR-12-37	585	587.9	2.9	N815486	South to North	0.0025	0.19
TR-12-37	587.9	589	1.1	N815487	South to North	0.0025	0.11
TR-12-37	589	590.85	1.85	N815488	South to North	0.0025	0.1
TR-12-37	590.85	592.7	1.85	N815489	South to North	0.0025	0.1
TR-12-37	592.7	595.1	2.4	N815490	South to North	0.0025	2.95
TR-12-37	595.1	597.1	2	N815491	South to North	0.007	0.21
TR-12-37	597.1	599.3	2.2	N815492	South to North	0.0025	0.1
TR-12-37	599.3	601.3	2	N815493	South to North	0.0025	0.26
TR-12-37	601.3	611.3	10	N815494	South to North	0.0025	0.14
TR-12-37	611.3	617.9	6.6	N815496	South to North	0.005	0.85
TR-12-37	617.9	618.9	1	N815497	South to North	0.0025	0.26
TR-12-37	618.9	626.8	7.9	N815498	South to North	0.0025	0.37
TR-12-37	626.8	628.05	1.25	N815499	South to North	0.01	1.11
TR-12-37	628.05	630.9	2.85	N815501	South to North	0.0025	0.29
TR-12-37	630.9	634	3.1	N815502	South to North	0.0025	0.19
TR-12-37	634	636	2	N815503	South to North	0.0025	0.28
TR-12-37	636	646	10	N815504	South to North	0.005	0.53
TR-12-37	646	651.6	5.6	N815505	South to North	0.0025	0.3
TR-12-37	651.6	652.7	1.1	N815506	South to North	0.0025	0.97
TR-12-37	652.7	662.7	10	N815508	South to North	0.0025	0.53
TR-12-37	662.7	671.6	8.9	N815510	South to North	0.0025	0.44
TR-12-38A	0	10	10	N815511	South to North	0.008	0.13
TR-12-38A	10	20	10	N815512	South to North	0.0025	0.11
TR-12-38A	20	30	10	N815513	South to North	0.011	0.12
TR-12-38A	30	40	10	N815515	South to North	0.0025	0.12
TR-12-38A	40	51	11	N815516	South to North	0.0025	0.13
TR-12-38B	0	3	3	N815517	South to North	0.007	1.27
TR-12-38B	3	6	3	N815518	South to North	0.0025	0.59
TR-12-38B	6	9	3	N815519	South to North	0.0025	0.48
TR-12-38B	9	12	3	N815520	South to North	0.0025	0.4
TR-12-38B	12	15	3	N815521	South to North	0.0025	0.56
TR-12-38B	15	18	3	N815523	South to North	0.0025	0.38
TR-12-38B	18	21	3	N815524	South to North	0.0025	0.53
TR-12-38B	21	24	3	N815525	South to North	0.0025	0.46
TR-12-38B	24	27	3	N815526	South to North	0.0025	0.44
TR-12-38B	27	29	2	N815527	South to North	0.0025	0.26
TR-12-39	0	1.8	1.8	N815556	South to North	0.214	6.85
TR-12-39	1.8	3	1.2	N815557	South to North	0.318	5.17

TR-12-39	3	4.7	1.7	N815558	South to North	0.243	4.96
TR-12-39	4.7	6.3	1.6	N815559	South to North	0.106	2.98
TR-12-39	6.3	7.3	1	N815560	South to North	0.113	1.89
TR-12-39	7.3	8.3	1	N815561	South to North	0.15	2.03
TR-12-39	8.3	9.1	0.8	N815562	South to North	0.09	2.45
TR-12-39	9.1	9.7	0.6	N815563	South to North	0.139	3.7
TR-12-39	9.7	11.8	2.1	N815564	South to North	0.132	2.54
TR-12-39	11.8	13	1.2	N815565	South to North	0.098	2.28
TR-12-39	13	13.7	0.7	N815566	South to North	0.309	6.9
TR-12-39	13.7	15.8	2.1	N815567	South to North	0.264	2.3
TR-12-39	15.8	18.2	2.4	N815568	South to North	0.141	2.54
TR-12-39	18.2	19.7	1.5	N815569	South to North	0.189	2.25
TR-12-39	19.7	22.1	2.4	N815570	South to North	0.083	1.76
TR-12-39	22.1	24.1	2	N815571	South to North	0.08	1.64
TR-12-39	24.1	26.7	2.6	N815572	South to North	0.095	1.67
TR-12-39	26.7	28.96	2.26	N815573	South to North	0.086	1.45
TR-12-39	28.96	30.8	1.84	N815574	South to North	0.119	1.73
TR-12-39	30.8	32.8	2	N815575	South to North	0.073	1.95
TR-12-39	32.8	35.1	2.3	N815576	South to North	0.036	2.18
TR-12-39	35.1	36	0.9	N815577	South to North	0.043	3.44
TR-12-39	36	39	3	N815578	South to North	0.051	1.2
TR-12-39	39	42	3	N815579	South to North	0.071	1.21
TR-12-39	42	42.6	0.6	N815580	South to North	0.046	1.08
TR-12-39	42.6	43.9	1.3	N815582	South to North	0.056	1.21
TR-12-39	43.9	44.5	0.6	N815583	South to North	0.051	2.17
TR-12-39	44.5	48.4	3.9	N815584	South to North	0.099	2.11
TR-12-39	48.4	53.4	5	N815586	South to North	0.066	1.02
TR-12-39	53.4	57.7	4.3	N815587	South to North	0.076	1.09
TR-12-39	57.7	58.4	0.7	N815588	South to North	0.069	2.49
TR-12-39	58.4	62.8	4.4	N815589	South to North	0.061	1.04
TR-12-39	62.8	65.8	3	N815590	South to North	0.06	1.04
TR-12-39	65.8	66.8	1	N815591	South to North	0.029	0.85
TR-12-39	66.8	67.85	1.05	N815592	South to North	0.021	1.21
TR-12-39	67.85	69.5	1.65	N815593	South to North	0.039	1.22
TR-12-39	69.5	71	1.5	N815594	South to North	0.018	0.43
TR-12-39	71	72.4	1.4	N815595	South to North	0.049	0.78
TR-12-39	72.4	74.5	2.1	N815596	South to North	0.014	0.42
TR-12-39	74.5	75.2	0.7	N815597	South to North	0.009	0.3
TR-12-39	75.2	79.1	3.9	N815598	South to North	0.013	0.37
TR-12-39	79.1	84.6	5.5	N815599	South to North	0.009	0.4
TR-12-39	84.6	85.75	1.15	N815600	South to North	0.022	0.51
TR-12-39	85.75	88.1	2.35	N815601	South to North	0.015	0.49
TR-12-39	88.1	92.55	4.45	N815602	South to North	0.031	0.78
TR-12-39	92.55	93.1	0.55	N815603	South to North	0.051	0.63
TR-12-39	93.1	94.5	1.4	N815604	South to North	0.196	2.38
TR-12-39	94.5	95.5	1	N815605	South to North	0.26	4.54
TR-12-39	95.5	97.3	1.8	N815607	South to North	0.153	1.95

TR-12-39	97.3	98.3	1	N815608	South to North	0.197	3.68
TR-12-39	98.3	99.65	1.35	N815609	South to North	0.232	3.04
TR-12-39	99.65	100.6	0.95	N815610	South to North	0.194	2.37
TR-12-39	100.6	101.66	1.06	N815611	South to North	0.103	2.5
TR-12-39	101.66	102.66	1	N815612	South to North	0.129	2.86
TR-12-39	102.66	104.36	1.7	N815613	South to North	0.095	1.18
TR-12-39	104.36	105.65	1.29	N815614	South to North	0.06	1.26
TR-12-39	105.65	108.65	3	N815615	South to North	0.068	1.41
TR-12-39	108.65	112.65	4	N815617	South to North	0.04	0.94
TR-12-39	112.65	116.5	3.85	N815618	South to North	0.094	2.2
TR-12-39	116.5	118.65	2.15	N815619	South to North	0.053	0.94
TR-12-39	118.65	121.1	2.45	N815620	South to North	0.083	1.55
TR-12-39	121.1	122.2	1.1	N815621	South to North	0.211	5.82
TR-12-39	122.2	124.55	2.35	N815622	South to North	0.104	1.99
TR-12-39	124.55	125.7	1.15	N815623	South to North	0.07	2.72
TR-12-39	125.7	128.2	2.5	N815624	South to North	0.049	0.97
TR-12-39	128.2	130.95	2.75	N815625	South to North	0.031	0.71
TR-12-39	130.95	133.25	2.3	N815626	South to North	0.091	1.8
TR-12-39	133.25	135.25	2	N815627	South to North	0.113	1.26
TR-12-39	135.25	137.1	1.85	N815628	South to North	0.066	0.86
TR-12-39	137.1	138.65	1.55	N815629	South to North	0.036	0.49
TR-12-39	138.65	140.45	1.8	N815630	South to North	0.042	0.62
TR-12-39	140.45	142.3	1.85	N815631	South to North	0.048	0.84
TR-12-39	142.3	145.4	3.1	N815632	South to North	0.106	1.63
TR-12-39	145.4	147.65	2.25	N815633	South to North	0.083	0.65
TR-12-39	147.65	150.4	2.75	N815634	South to North	0.118	0.97
TR-12-39	150.4	153.4	3	N815635	South to North	0.036	0.5
TR-12-39	153.4	155.32	1.92	N815636	South to North	0.08	0.89
TR-12-39	155.32	157.65	2.33	N815637	South to North	0.041	0.64
TR-12-39	157.65	159.75	2.1	N815638	South to North	0.036	0.78
TR-12-39	159.75	161.36	1.61	N815639	South to North	0.043	1.53
TR-12-39	161.36	162.55	1.19	N815640	South to North	0.094	1.31
TR-12-39	162.55	163.8	1.25	N815641	South to North	0.035	0.68
TR-12-39	163.8	165.4	1.6	N815642	South to North	0.03	0.93
TR-12-39	165.4	166.4	1	N815643	South to North	0.064	2.72
TR-12-39	166.4	169.4	3	N815644	South to North	0.127	26.5
TR-12-39	169.4	170.72	1.32	N815645	South to North	0.04	0.91
TR-12-39	170.72	175.55	4.83	N815646	South to North	0.035	1.36
TR-12-39	175.55	180.1	4.55	N815648	South to North	0.043	0.87
TR-12-39	180.1	184.46	4.36	N815649	South to North	0.054	1.17
TR-12-39	184.46	185.46	1	N815650	South to North	0.03	0.89
TR-12-39	185.46	186.6	1.14	N815651	South to North	0.049	1.28
TR-12-39	186.6	187.6	1	N815652	South to North	0.042	0.96
TR-12-39	187.6	189.1	1.5	N815653	South to North	0.042	0.63
TR-12-39	189.1	190.61	1.51	N815654	South to North	0.029	0.64
TR-12-39	190.61	192.7	2.09	N815656	South to North	0.0025	0.01
TR-12-39	192.7	194.77	2.07	N815657	South to North	0.039	0.87

TR-12-39	194.77	196.45	1.68	N815658	South to North	0.05	0.78
TR-12-39	196.45	197.3	0.85	N815659	South to North	0.049	1.21
TR-12-39	197.3	200.3	3	N815660	South to North	0.136	2.94
TR-12-39	200.3	201.4	1.1	N815661	South to North	0.22	2.5
TR-12-39	201.4	202.6	1.2	N815662	South to North	0.421	10.8
TR-12-39	202.6	204.7	2.1	N815663	South to North	0.047	1.27
TR-12-39	204.7	206.7	2	N815664	South to North	0.041	1.27
TR-12-39	206.7	208.8	2.1	N815665	South to North	0.02	0.54
TR-12-39	208.8	211.2	2.4	N815666	South to North	0.038	0.99
TR-12-39	211.2	214.2	3	N815667	South to North	0.035	0.46
TR-12-39	214.2	215.1	0.9	N815668	South to North	0.085	1.09
TR-12-39	215.1	218.88	3.78	N815669	South to North	0.058	1.35
TR-12-39	218.88	221.6	2.72	N815670	South to North	0.054	1.52
TR-12-39	221.6	223	1.4	N815671	South to North	0.078	1.57
TR-12-39	223	227.6	4.6	N815672	South to North	0.011	0.3
TR-12-39	227.6	229.55	1.95	N815673	South to North	0.044	0.56
TR-12-39	229.55	232	2.45	N815674	South to North	0.007	0.28
TR-12-39	232	236.08	4.08	N815675	South to North	0.064	1.35
TR-12-39	236.08	237.9	1.82	N815676	South to North	0.086	1.11
TR-12-39	237.9	239.85	1.95	N815677	South to North	0.067	1.04
TR-12-39	239.85	242.5	2.65	N815678	South to North	0.094	1.03
TR-12-39	242.5	243.95	1.45	N815679	South to North	0.03	1
TR-12-39	243.95	247	3.05	N815680	South to North	0.033	0.61
TR-12-39	247	250.55	3.55	N815681	South to North	0.045	0.98
TR-12-39	250.55	254.7	4.15	N815682	South to North	0.036	0.61
TR-12-39	254.7	255.45	0.75	N815684	South to North	0.034	0.6
TR-12-39	255.45	256.6	1.15	N815685	South to North	0.042	0.65
TR-12-39	256.6	258.1	1.5	N815686	South to North	0.089	0.66
TR-12-39	258.1	259.46	1.36	N815687	South to North	0.234	0.85
TR-12-39	259.46	260.27	0.81	N815688	South to North	0.07	0.86
TR-12-39	260.27	261.2	0.93	N815690	South to North	0.083	1.12
TR-12-39	261.2	262.1	0.9	N815691	South to North	0.078	1.41
TR-12-39	262.1	263.1	1	N815692	South to North	0.066	1.1
TR-12-39	263.1	264.05	0.95	N815693	South to North	0.061	0.86
TR-12-39	264.05	265.05	1	N815694	South to North	0.065	0.97
TR-12-39	265.05	265.95	0.9	N815695	South to North	0.063	1.05
TR-12-39	265.95	267.45	1.5	N815696	South to North	0.045	0.9
TR-12-39	267.45	268.35	0.9	N815697	South to North	0.165	2.26
TR-12-39	268.35	269.4	1.05	N815698	South to North	0.166	2.42
TR-12-39	269.4	271.02	1.62	N815699	South to North	0.246	1.71
TR-12-39	271.02	272.6	1.58	N815700	South to North	0.101	1.49
TR-12-39	272.6	273.3	0.7	N815701	South to North	0.074	1.12
TR-12-39	273.3	274.44	1.14	N815702	South to North	0.077	1.15
TR-12-39	274.44	275.44	1	N815703	South to North	0.069	1.25
TR-12-39	275.44	276.8	1.36	N815704	South to North	0.071	0.86
TR-12-39	276.8	277.7	0.9	N815705	South to North	0.066	1.19
TR-12-39	277.7	280.1	2.4	N815706	South to North	0.052	0.98

TR-12-39	280.1	281.67	1.57	N815707	South to North	0.049	1.08
TR-12-39	281.67	284.2	2.53	N815708	South to North	0.069	0.84
TR-12-39	284.2	285.2	1	N815709	South to North	0.107	1.29
TR-12-39	285.2	285.9	0.7	N815710	South to North	0.041	0.68
TR-12-39	285.9	287.85	1.95	N815711	South to North	0.074	1.67
TR-12-39	287.85	288.69	0.84	N815712	South to North	0.121	2.66
TR-12-39	288.69	289.5	0.81	N815713	South to North	0.106	1.69
TR-12-39	289.5	290.3	0.8	N815714	South to North	0.127	2.2
TR-12-39	290.3	291.25	0.95	N815715	South to North	0.12	2.12
TR-12-39	291.25	294.1	2.85	N815716	South to North	0.021	0.47
TR-12-39	294.1	297.1	3	N815717	South to North	0.02	0.36
TR-12-39	297.1	300.1	3	N815718	South to North	0.01	0.23
TR-12-39	300.1	303.1	3	N815719	South to North	0.015	0.3
TR-12-39	303.1	305	1.9	N815720	South to North	0.011	0.31
TR-12-39	305	306.1	1.1	N815722	South to North	0.012	0.37
TR-12-39	306.1	311.9	5.8	N815723	South to North	0.012	0.37
TR-12-39	311.9	312.9	1	N815724	South to North	0.11	2.01
TR-12-39	312.9	313	0.1	N815725	South to North	0.042	1.83
TR-12-39	313	314.4	1.4	N815726	South to North	0.091	1.34
TR-12-39	314.4	315.9	1.5	N815727	South to North	0.089	1.67
TR-12-39	315.9	317.6	1.7	N815728	South to North	0.056	0.9
TR-12-39	317.6	318.67	1.07	N815729	South to North	0.061	0.88
TR-12-39	318.67	319.6	0.93	N815730	South to North	0.083	2.59
TR-12-39	319.6	320.5	0.9	N815731	South to North	0.059	1.2
TR-12-39	320.5	322.2	1.7	N815733	South to North	0.065	0.87
TR-12-39	322.2	325.12	2.92	N815734	South to North	0.08	1.36
TR-12-39	325.12	325.4	0.28	N815735	South to North	0.18	7.37
TR-12-39	325.4	327.76	2.36	N815736	South to North	0.206	1.64
TR-12-39	327.76	329.75	1.99	N815737	South to North	0.106	2.63
TR-12-39	329.75	331.35	1.6	N815738	South to North	0.166	1.31
TR-12-39	331.35	332.5	1.15	N815739	South to North	0.13	2.03
TR-12-39	332.5	333.78	1.28	N815740	South to North	0.091	2.48
TR-12-39	333.78	335.6	1.82	N815741	South to North	0.102	1.42
TR-12-39	335.6	336.48	0.88	N815742	South to North	0.148	5.19
TR-12-39	336.48	337.38	0.9	N815743	South to North	0.138	2.61
TR-12-39	337.38	338.06	0.68	N815744	South to North	0.178	2.83
TR-12-39	338.06	339.2	1.14	N815745	South to North	0.205	2.68
TR-12-39	339.2	340.15	0.95	N815746	South to North	0.657	4.03
TR-12-39	340.15	340.85	0.7	N815747	South to North	0.104	1.38
TR-12-39	340.85	341.88	1.03	N815748	South to North	0.14	2.14
TR-12-39	341.88	342.65	0.77	N815749	South to North	0.257	2.99
TR-12-39	342.65	343.43	0.78	N815750	South to North	0.188	1.63
TR-12-39	343.43	344.5	1.07	N815751	South to North	0.094	4
TR-12-39	344.5	346.6	2.1	N815752	South to North	0.1	1.99
TR-12-39	346.6	348.75	2.15	N815753	South to North	0.09	1.66
TR-12-39	348.75	349.53	0.78	N815754	South to North	0.134	3.5
TR-12-39	349.53	350.8	1.27	N815755	South to North	0.064	1.71

TR-12-39	350.8	351.4	0.6	N815756	South to North	0.181	13.5
TR-12-39	351.4	353	1.6	N815757	South to North	0.168	7.1
TR-12-39	353	354.6	1.6	N815758	South to North	0.096	3.61
TR-12-39	354.6	355.45	0.85	N815759	South to North	0.074	2.46
TR-12-39	355.45	356.5	1.05	N815760	South to North	1.115	34.4
TR-12-39	356.5	357.6	1.1	N815762	South to North	0.177	4.9
TR-12-39	357.6	360.45	2.85	N815763	South to North	0.053	0.83
TR-12-39	360.45	362.6	2.15	N815764	South to North	0.1	1.24
TR-12-39	362.6	365.6	3	N815765	South to North	0.163	1.87
TR-12-39	365.6	366.4	0.8	N815767	South to North	0.046	1.58
TR-12-39	366.4	367.5	1.1	N815768	South to North	0.101	3.29
TR-12-39	367.5	369.5	2	N815769	South to North	0.049	1.23
TR-12-39	369.5	371.85	2.35	N815770	South to North	0.046	0.79
TR-12-39	371.85	374.6	2.75	N815771	South to North	0.072	0.91
TR-12-39	374.6	375.2	0.6	N815772	South to North	0.059	1.4
TR-12-39	375.2	375.62	0.42	N815773	South to North	0.073	1.44
TR-12-39	375.62	376.7	1.08	N815774	South to North	0.148	1.74
TR-12-39	376.7	377.4	0.7	N815775	South to North	0.173	2.14
TR-12-39	377.4	377.9	0.5	N815776	South to North	0.177	1.99
TR-12-39	377.9	378.7	0.8	N815777	South to North	0.165	1.66
TR-12-39	378.7	379.3	0.6	N815778	South to North	0.094	1.26
TR-12-39	379.3	380.3	1	N815779	South to North	0.062	0.98
TR-12-39	380.3	381.03	0.73	N815780	South to North	0.07	0.67
TR-12-39	381.03	381.9	0.87	N815781	South to North	0.027	1.11
TR-12-39	381.9	382.4	0.5	N815782	South to North	0.062	2.86
TR-12-39	382.4	383.15	0.75	N815783	South to North	0.047	1.01
TR-12-39	383.15	385.3	2.15	N815784	South to North	0.043	0.92
TR-12-39	385.3	386.7	1.4	N815785	South to North	0.089	1.14
TR-12-39	386.7	387.6	0.9	N815786	South to North	0.056	1.37
TR-12-39	387.6	390.18	2.58	N815787	South to North	0.064	0.95
TR-12-39	390.18	390.95	0.77	N815788	South to North	0.069	1.5
TR-12-39	390.95	392.3	1.35	N815789	South to North	0.066	0.94
TR-12-39	392.3	393.2	0.9	N815790	South to North	0.069	0.67
TR-12-39	393.2	394.36	1.16	N815791	South to North	0.431	2.71
TR-12-39	394.36	394.8	0.44	N815792	South to North	0.066	0.89
TR-12-39	394.8	395.35	0.55	N815793	South to North	0.095	1.69
TR-12-39	395.35	395.9	0.55	N815794	South to North	0.069	2.28
TR-12-39	395.9	396.53	0.63	N815795	South to North	0.06	4.26
TR-12-39	396.53	398.26	1.73	N815796	South to North	0.06	1.34
TR-12-39	398.26	399.4	1.14	N815797	South to North	0.112	2.14
TR-12-39	399.4	400.33	0.93	N815798	South to North	0.092	2.37
TR-12-39	400.33	401.3	0.97	N815799	South to North	0.112	1.4
TR-12-39	401.3	402.4	1.1	N815800	South to North	0.109	1.46
TR-12-39	402.4	404.2	1.8	N815802	South to North	0.173	1.51
TR-12-39	404.2	404.9	0.7	N815803	South to North	0.089	1.71
TR-12-39	404.9	406.4	1.5	N815804	South to North	0.288	1.77
TR-12-39	406.4	407.7	1.3	N815805	South to North	0.297	6.31

TR-12-39	407.7	408.8	1.1	N815807	South to North	0.148	18.6
TR-12-39	408.8	410.25	1.45	N815808	South to North	0.08	1.66
TR-12-39	410.25	410.96	0.71	N815809	South to North	0.102	3.76
TR-12-39	410.96	411.92	0.96	N815810	South to North	0.088	3.38
TR-12-39	411.92	413	1.08	N815811	South to North	0.082	1.59
TR-12-39	413	415.3	2.3	N815812	South to North	0.046	0.94
TR-12-39	415.3	417.55	2.25	N815813	South to North	0.052	0.71
TR-12-39	417.55	419.1	1.55	N815814	South to North	0.054	0.75
TR-12-39	419.1	419.65	0.55	N815815	South to North	0.096	1.36
TR-12-39	419.65	421.8	2.15	N815816	South to North	0.074	0.84
TR-12-39	421.8	422.2	0.4	N815817	South to North	0.042	1.46
TR-12-39	422.2	423.65	1.45	N815818	South to North	0.112	1.35
TR-12-39	423.65	424.3	0.65	N815819	South to North	0.083	1.16
TR-12-39	424.3	425.2	0.9	N815820	South to North	0.145	1.45
TR-12-39	425.2	426.1	0.9	N815821	South to North	0.099	1.46
TR-12-39	426.1	426.9	0.8	N815822	South to North	0.321	3.01
TR-12-39	426.9	428.2	1.3	N815823	South to North	0.082	1.21
TR-12-39	428.2	428.9	0.7	N815824	South to North	0.084	0.81
TR-12-39	428.9	429.8	0.9	N815825	South to North	0.069	1
TR-12-39	429.8	430.95	1.15	N815826	South to North	0.067	0.87
TR-12-39	430.95	432.2	1.25	N815827	South to North	0.077	1.22
TR-12-39	432.2	433.2	1	N815828	South to North	0.067	1.02
TR-12-39	433.2	433.8	0.6	N815829	South to North	0.046	0.63
TR-12-39	433.8	435.3	1.5	N815830	South to North	0.061	0.65
TR-12-39	435.3	436.8	1.5	N815831	South to North	0.067	0.86
TR-12-39	436.8	437.9	1.1	N815832	South to North	0.067	0.63
TR-12-39	437.9	439.7	1.8	N815834	South to North	0.081	1.06
TR-12-39	439.7	440.8	1.1	N815835	South to North	0.182	5.26
TR-12-39	440.8	441.75	0.95	N815836	South to North	0.081	0.69
TR-12-39	441.75	443.45	1.7	N815837	South to North	0.091	0.73
TR-12-39	443.45	444.98	1.53	N815838	South to North	0.096	0.93
TR-12-39	444.98	446.2	1.22	N815839	South to North	0.082	1.22
TR-12-39	446.2	446.95	0.75	N815841	South to North	0.092	0.95
TR-12-39	446.95	448.4	1.45	N815842	South to North	0.11	1
TR-12-39	448.4	449.4	1	N815843	South to North	0.069	0.6
TR-12-39	449.4	450.56	1.16	N815844	South to North	0.081	0.69
TR-12-39	450.56	452.2	1.64	N815845	South to North	0.078	0.63
TR-12-39	452.2	453.1	0.9	N815846	South to North	0.082	0.6
TR-12-39	453.1	454.4	1.3	N815847	South to North	0.085	0.76
TR-12-39	454.4	455.6	1.2	N815848	South to North	0.097	0.84
TR-12-39	455.6	457.1	1.5	N815849	South to North	0.074	0.82
TR-12-39	457.1	457.9	0.8	N815850	South to North	0.212	2.68
TR-12-39	457.9	458.4	0.5	N815851	South to North	0.351	7.51
TR-12-39	458.4	459	0.6	N815852	South to North	0.241	1.77
TR-12-39	459	460.1	1.1	N815853	South to North	0.527	2.63
TR-12-39	460.1	463.1	3	N815854	South to North	0.119	0.95
TR-12-39	463.1	463.9	0.8	N815855	South to North	0.079	0.86

TR-12-39	463.9	465.1	1.2	N815856	South to North	0.12	0.85
TR-12-39	465.1	466.1	1	N815857	South to North	0.104	1.08
TR-12-39	466.1	467.3	1.2	N815858	South to North	0.097	0.75
TR-12-39	467.3	468.2	0.9	N815859	South to North	0.18	2.53
TR-12-39	468.2	468.74	0.54	N815860	South to North	0.077	0.67
TR-12-39	468.74	469.85	1.11	N815861	South to North	0.249	1.21
TR-12-39	469.85	470.4	0.55	N815862	South to North	0.098	1.08
TR-12-39	470.4	471.3	0.9	N815863	South to North	0.123	0.94
TR-12-39	471.3	472.4	1.1	N815864	South to North	0.143	1.42
TR-12-39	472.4	473.4	1	N815865	South to North	0.084	1.02
TR-12-39	473.4	475	1.6	N815866	South to North	0.08	1.01
TR-12-39	475	476.6	1.6	N815867	South to North	0.17	1.75
TR-12-39	476.6	478.25	1.65	N815868	South to North	0.202	2.03
TR-12-39	478.25	481.25	3	N815869	South to North	0.104	1.56
TR-12-39	481.25	484.25	3	N815871	South to North	0.133	1.92
TR-12-39	484.25	487.26	3.01	N815872	South to North	0.166	1.72
TR-12-39	487.26	490.38	3.12	N815873	South to North	0.182	1.49
TR-12-39	490.38	492.85	2.47	N815874	South to North	0.165	1.04
TR-12-39	492.85	493.8	0.95	N815875	South to North	0.2	1.97
TR-12-39	493.8	494.4	0.6	N815876	South to North	0.241	2.83
TR-12-39	494.4	497.4	3	N815878	South to North	0.15	2.2
TR-12-39	497.4	498	0.6	N815879	South to North	0.159	3.11
TR-12-39	498	498.4	0.4	N815880	South to North	0.124	4.41
TR-12-39	498.4	500.02	1.62	N815881	South to North	0.18	2.26
TR-12-39	500.02	501.32	1.3	N815882	South to North	0.404	4.96
TR-12-39	501.32	501.9	0.58	N815883	South to North	0.19	2.61
TR-12-39	501.9	502.78	0.88	N815884	South to North	0.162	1.91
TR-12-39	502.78	503.8	1.02	N815885	South to North	0.303	10.45
TR-12-39	503.8	504.7	0.9	N815886	South to North	0.117	1.79
TR-12-39	504.7	505.55	0.85	N815887	South to North	0.097	1.22
TR-12-39	505.55	506.1	0.55	N815888	South to North	0.352	3.51
TR-12-39	506.1	506.88	0.78	N815889	South to North	0.23	2.81
TR-12-39	506.88	508.2	1.32	N815890	South to North	0.175	1.62
TR-12-39	508.2	508.95	0.75	N815891	South to North	0.145	2.56
TR-12-39	508.95	509.52	0.57	N815892	South to North	0.131	3.33
TR-12-39	509.52	510.52	1	N815893	South to North	0.224	7.9
TR-12-39	510.52	511.2	0.68	N815894	South to North	0.351	2.91
TR-12-39	511.2	512.3	1.1	N815895	South to North	0.089	1.61
TR-12-39	512.3	512.86	0.56	N815896	South to North	0.188	2.48
TR-12-39	512.86	513.65	0.79	N815897	South to North	0.075	0.95
TR-12-39	513.65	514.6	0.95	N815898	South to North	0.093	1.68
TR-12-39	514.6	515.21	0.61	N815899	South to North	0.091	3.69
TR-12-39	515.21	516.3	1.09	N815901	South to North	0.168	1.7
TR-12-39	516.3	518.2	1.9	N815902	South to North	0.099	1.11
TR-12-39	518.2	518.85	0.65	N815903	South to North	0.075	1.46
TR-12-39	518.85	519.66	0.81	N815904	South to North	0.077	1.25
TR-12-39	519.66	520.8	1.14	N815905	South to North	0.081	1.14

TR-12-39	520.8	522.52	1.72	N815906	South to North	0.082	0.94
TR-12-39	522.52	523.2	0.68	N815907	South to North	0.177	2.87
TR-12-39	523.2	525.3	2.1	N815908	South to North	0.123	2.27
TR-12-39	525.3	526.5	1.2	N815909	South to North	0.073	0.82
TR-12-39	526.5	527.05	0.55	N815911	South to North	0.065	1.18
TR-12-39	527.05	527.9	0.85	N815912	South to North	0.09	0.87
TR-12-39	527.9	528.45	0.55	N815913	South to North	0.195	5.16
TR-12-39	528.45	530.5	2.05	N815914	South to North	0.073	1.9
TR-12-39	530.5	531.7	1.2	N815915	South to North	0.144	6.35
TR-12-39	531.7	533.9	2.2	N815916	South to North	0.095	1.56
TR-12-39	533.9	535.7	1.8	N815917	South to North	0.059	0.94
TR-12-39	535.7	536.4	0.7	N815918	South to North	0.311	1.77
TR-12-39	536.4	537.1	0.7	N815919	South to North	0.261	2.42
TR-12-39	537.1	538.3	1.2	N815920	South to North	0.101	2.06
TR-12-39	538.3	539.4	1.1	N815921	South to North	0.11	2.01
TR-12-39	539.4	540.75	1.35	N815922	South to North	0.087	1.4
TR-12-39	540.75	541.35	0.6	N815923	South to North	0.086	0.97
TR-12-39	541.35	543.7	2.35	N815924	South to North	0.173	1.21
TR-12-39	543.7	544.85	1.15	N815925	South to North	0.066	0.79
TR-12-39	544.85	545.5	0.65	N815926	South to North	0.093	0.88
TR-12-39	545.5	546.2	0.7	N815927	South to North	0.084	0.94
TR-12-39	546.2	548.6	2.4	N815928	South to North	0.135	1.07
TR-12-39	548.6	550.1	1.5	N815929	South to North	0.112	1.14
TR-12-39	550.1	551.25	1.15	N815930	South to North	0.133	2.18
TR-12-39	551.25	552.05	0.8	N815931	South to North	0.153	2.01
TR-12-39	552.05	553.4	1.35	N815932	South to North	0.141	1.6
TR-12-39	553.4	554.5	1.1	N815934	South to North	0.213	3
TR-12-39	554.5	555.65	1.15	N815935	South to North	0.263	2.39
TR-12-39	555.65	556.85	1.2	N815936	South to North	0.156	2.02
TR-12-39	556.85	557.85	1	N815937	South to North	0.183	4.89
TR-12-39	557.85	559.1	1.25	N815938	South to North	0.245	15.85
TR-12-39	559.1	560	0.9	N815939	South to North	0.28	12.25
TR-12-39	560	561.2	1.2	N815941	South to North	0.277	4.08
TR-12-39	561.2	562.1	0.9	N815942	South to North	0.099	3.04
TR-12-39	562.1	562.9	0.8	N815943	South to North	0.159	3.59
TR-12-39	562.9	563.55	0.65	N815944	South to North	0.118	2.64
TR-12-39	563.55	564	0.45	N815945	South to North	0.213	2.5
TR-12-39	564	564.9	0.9	N815946	South to North	0.115	1.47
TR-12-39	564.9	566.48	1.58	N815947	South to North	0.165	1.75
TR-12-39	566.48	568.15	1.67	N815948	South to North	0.112	2.1
TR-12-39	568.15	569.15	1	N815949	South to North	0.089	1.81
TR-12-39	569.15	570.8	1.65	N815950	South to North	0.057	0.95
TR-12-39	570.8	572.4	1.6	N815951	South to North	0.117	1.15
TR-12-39	572.4	574.3	1.9	N815952	South to North	0.106	1.26
TR-12-39	574.3	575.4	1.1	N815953	South to North	0.084	1.21
TR-12-39	575.4	576.2	0.8	N815954	South to North	0.11	1.21
TR-12-39	576.2	577.56	1.36	N815955	South to North	0.099	1.24

TR-12-39	577.56	579.2	1.64	N815956	South to North	0.122	1.91
TR-12-39	579.2	580.6	1.4	N815957	South to North	0.179	4.75
TR-12-39	580.6	581.85	1.25	N815958	South to North	0.111	3.03
TR-12-39	581.85	582.3	0.45	N815959	South to North	0.077	1.15
TR-12-39	582.3	583.3	1	N815960	South to North	0.085	1.5
TR-12-39	583.3	584	0.7	N815961	South to North	0.058	1.15
TR-12-39	584	585.3	1.3	N815962	South to North	0.066	0.71
TR-12-39	585.3	586.2	0.9	N815963	South to North	0.12	1.14
TR-12-39	586.2	587	0.8	N815964	South to North	0.087	1.23
TR-12-39	587	588.1	1.1	N815965	South to North	0.09	0.92
TR-12-39	588.1	589.25	1.15	N815966	South to North	0.074	1.4
TR-12-39	589.25	590.4	1.15	N815967	South to North	0.072	1.93
TR-12-39	590.4	591.2	0.8	N815968	South to North	0.078	1.73
TR-12-39	591.2	592.2	1	N815969	South to North	0.088	2.22
TR-12-39	592.2	593.5	1.3	N815970	South to North	0.21	4.99
TR-12-39	593.5	594.4	0.9	N815972	South to North	0.212	11.75
TR-12-39	594.4	596	1.6	N815973	South to North	0.25	4.61
TR-12-39	596	598	2	N815974	South to North	0.136	1.43
TR-12-39	598	599.8	1.8	N815975	South to North	0.191	1.31
TR-12-39	599.8	601.5	1.7	N815976	South to North	0.279	1.73
TR-12-39	601.5	603	1.5	N815977	South to North	0.493	2.49
TR-12-39	603	604.3	1.3	N815978	South to North	0.108	1.06
TR-12-39	604.3	605.2	0.9	N815979	South to North	0.093	0.88
TR-12-39	605.2	606.2	1	N815980	South to North	0.087	0.81
TR-12-39	606.2	607.5	1.3	N815981	South to North	0.158	1.16
TR-12-39	607.5	609.4	1.9	N815983	South to North	0.202	1.36
TR-12-39	609.4	611.2	1.8	N815984	South to North	0.19	1.5
TR-12-39	611.2	613.55	2.35	N815985	South to North	0.249	1.61
TR-12-39	613.55	616.25	2.7	N815986	South to North	1.05	2.47
TR-12-39	616.25	617.05	0.8	N815987	South to North	0.156	1.44
TR-12-39	617.05	618.95	1.9	N815988	South to North	0.11	1.84
TR-12-39	618.95	619.75	0.8	N815989	South to North	0.683	10.45
TR-12-39	619.75	620.26	0.51	N815990	South to North	0.125	0.96
TR-12-39	620.26	621.5	1.24	N815991	South to North	0.47	14.15
TR-12-39	621.5	622.9	1.4	N815992	South to North	1.38	31.6
TR-12-39	622.9	624.05	1.15	N815993	South to North	0.121	1.56
TR-12-39	624.05	625.1	1.05	N815994	South to North	0.142	1.91
TR-12-39	625.1	626.86	1.76	N815995	South to North	0.126	1.17
TR-12-39	626.86	629.1	2.24	N815996	South to North	0.137	1.26
TR-12-39	629.1	630.1	1	N815997	South to North	0.201	2.56
TR-12-39	630.1	631.5	1.4	N815998	South to North	0.15	1.6
TR-12-39	631.5	632.3	0.8	N815999	South to North	0.126	1.2
TR-12-39	632.3	635.82	3.52	N816000	South to North	0.111	1.81
TR-12-39	635.82	636.6	0.78	M355701	South to North	0.158	1.37
TR-12-39	636.6	638.65	2.05	M355702	South to North	0.143	2.09
TR-12-39	638.65	641.5	2.85	M355703	South to North	0.123	1.96
TR-12-39	641.5	644.5	3	M355704	South to North	0.133	1.93

TR-12-39	644.5	647.5	3	M355705	South to North	1.46	5.23
TR-12-39	647.5	649	1.5	M355706	South to North	0.392	18.25
TR-12-39	649	651	2	M355708	South to North	0.388	5.58
TR-12-39	651	653.05	2.05	M355709	South to North	0.31	3.57
TR-12-39	653.05	655.1	2.05	M355710	South to North	0.166	1.99
TR-12-39	655.1	657.05	1.95	M355711	South to North	0.133	1.48
TR-12-39	657.05	659.35	2.3	M355712	South to North	0.263	1.61
TR-12-39	659.35	660.8	1.45	M355713	South to North	0.159	1.27
TR-12-39	660.8	662.65	1.85	M355714	South to North	0.224	1.55
TR-12-39	662.65	663.85	1.2	M355715	South to North	0.584	3.17
TR-12-39	663.85	665.65	1.8	M355716	South to North	0.297	1.61
TR-12-39	665.65	667.05	1.4	M355717	South to North	0.235	1.91
TR-12-39	667.05	668.85	1.8	M355718	South to North	0.077	0.86
TR-12-39	668.85	670.75	1.9	M355719	South to North	0.139	1.4
TR-12-39	670.75	672.72	1.97	M355721	South to North	0.109	1.86
TR-12-39	672.72	674.5	1.78	M355722	South to North	0.134	1.66
TR-12-39	674.5	676.7	2.2	M355723	South to North	0.092	1.34
TR-12-39	676.7	678.35	1.65	M355724	South to North	0.102	1.16
TR-12-39	678.35	679.8	1.45	M355725	South to North	0.133	1.26
TR-12-39	679.8	681.8	2	M355726	South to North	0.08	0.91
TR-12-39	681.8	682.6	0.8	M355727	South to North	0.117	1.65
TR-12-39	682.6	683.5	0.9	M355728	South to North	0.092	1.51
TR-12-39	683.5	684.35	0.85	M355729	South to North	0.201	2.64
TR-12-39	684.35	686.1	1.75	M355730	South to North	0.099	1.4
TR-12-39	686.1	688.5	2.4	M355731	South to North	0.075	1.01
TR-12-39	688.5	690.2	1.7	M355732	South to North	0.208	2.47
TR-12-39	690.2	691.1	0.9	M355733	South to North	0.093	1.38
TR-12-39	691.1	693.3	2.2	M355734	South to North	0.074	1.14
TR-12-39	693.3	694	0.7	M355735	South to North	0.087	1.02
TR-12-39	694	694.7	0.7	M355736	South to North	0.08	2.58
TR-12-39	694.7	696.7	2	M355737	South to North	0.143	2.7
TR-12-39	696.7	698.4	1.7	M355738	South to North	0.067	2.1
TR-12-39	698.4	700.4	2	M355739	South to North	0.339	5.87
TR-12-39	700.4	703	2.6	M355740	South to North	0.064	0.84
TR-12-39	703	704.1	1.1	M355741	South to North	0.065	1.4
TR-12-39	704.1	705.1	1	M355742	South to North	0.053	0.93
TR-12-39	705.1	706	0.9	M355743	South to North	0.04	0.6
TR-12-39	706	708.5	2.5	M355744	South to North	0.053	0.61
TR-12-39	708.5	709.6	1.1	M355745	South to North	0.062	0.82
TR-12-39	709.6	710.6	1	M355746	South to North	0.057	0.75
TR-12-39	710.6	712.2	1.6	M355748	South to North	0.103	2.12
TR-12-39	712.2	713.2	1	M355749	South to North	0.118	0.87
TR-12-39	713.2	714.05	0.85	M355750	South to North	0.13	1.19
TR-12-39	714.05	715.05	1	M355751	South to North	0.19	1.56
TR-12-39	715.05	716.3	1.25	M355752	South to North	0.102	1.31
TR-12-39	716.3	719	2.7	M355754	South to North	0.082	0.86
TR-12-39	719	720.9	1.9	M355755	South to North	0.058	0.88

TR-12-39	720.9	722.6	1.7	M355756	South to North	0.164	1.15
TR-12-39	722.6	724.5	1.9	M355757	South to North	0.058	0.84
TR-12-39	724.5	726.5	2	M355758	South to North	0.084	1.17
TR-12-39	726.5	729.5	3	M355759	South to North	0.082	1.02
TR-12-39	729.5	731.7	2.2	M355760	South to North	0.094	0.77
TR-12-39	731.7	733.9	2.2	M355761	South to North	0.055	0.69
TR-12-39	733.9	735.25	1.35	M355762	South to North	0.062	1.09
TR-12-39	735.25	737.28	2.03	M355763	South to North	0.06	0.96
TR-12-39	737.28	739.98	2.7	M355764	South to North	0.076	0.7
TR-12-39	739.98	741.1	1.12	M355765	South to North	0.132	1.25
TR-12-39	741.1	742.8	1.7	M355766	South to North	0.114	0.97
TR-12-39	742.8	744.25	1.45	M355767	South to North	0.159	1.09
TR-12-39	744.25	746.25	2	M355768	South to North	0.116	0.81
TR-12-39	746.25	749.35	3.1	M355769	South to North	0.168	0.84
TR-12-39	749.35	752.2	2.85	M355770	South to North	0.134	0.93
TR-12-39	752.2	755.2	3	M355771	South to North	0.093	0.79
TR-12-39	755.2	757.2	2	M355772	South to North	0.06	0.6
TR-12-39	757.2	760.2	3	M355773	South to North	0.083	0.71
TR-12-39	760.2	764.05	3.85	M355774	South to North	0.071	0.62
TR-12-39	764.05	766.9	2.85	M355775	South to North	0.07	0.62
TR-12-39	766.9	769.35	2.45	M355776	South to North	0.067	0.39
TR-12-39	769.35	771.9	2.55	M355777	South to North	0.094	0.59
TR-12-39	771.9	773.65	1.75	M355778	South to North	0.197	0.99
TR-12-39	773.65	776.65	3	M355779	South to North	0.167	1.15
TR-12-39	776.65	778.6	1.95	M355780	South to North	0.132	1.47
TR-12-39	778.6	781.6	3	M355781	South to North	0.399	1.27
TR-12-39	781.6	783.3	1.7	M355782	South to North	0.071	0.81
TR-12-39	783.3	786.3	3	M355783	South to North	0.071	1.02
TR-12-39	786.3	791.6	5.3	M355784	South to North	0.088	1.39
TR-12-39	791.6	793.4	1.8	M355786	South to North	0.231	2.67
TR-12-39	793.4	794.35	0.95	M355787	South to North	0.211	1.54
TR-12-39	794.35	797.35	3	M355788	South to North	0.067	1.04
TR-12-39	797.35	800.8	3.45	M355789	South to North	0.081	1.35
TR-12-39	800.8	803.3	2.5	M355790	South to North	0.082	2.11
TR-12-39	803.3	806.3	3	M355791	South to North	0.092	1.29
TR-12-39	806.3	808.05	1.75	M355792	South to North	0.229	3.58
TR-12-39	808.05	809.4	1.35	M355793	South to North	8.41	26.1
TR-12-39	809.4	811.7	2.3	M355795	South to North	0.73	7.08
TR-12-39	811.7	814.7	3	M355796	South to North	0.177	2.22
TR-12-39	814.7	817.15	2.45	M355797	South to North	0.122	2
TR-12-39	817.15	820.15	3	M355798	South to North	0.12	2.82
TR-12-39	820.15	822.65	2.5	M355799	South to North	0.118	3.17
TR-12-39	822.65	827.25	4.6	M355800	South to North	0.093	1.9
TR-12-39	827.25	829.3	2.05	M355801	South to North	0.117	2.35
TR-12-39	829.3	831.71	2.41	M355802	South to North	0.127	1.7
TR-12-39	831.71	837.4	5.69	M355804	South to North	0.122	2.04
TR-12-39	837.4	840.4	3	M355805	South to North	0.102	1.95

TR-12-39	840.4	842.6	2.2	M355806	South to North	0.105	1.43
TR-12-39	842.6	845.6	3	M355807	South to North	0.095	1.54
TR-12-39	845.6	847.45	1.85	M355808	South to North	0.094	1.76
TR-12-39	847.45	850.2	2.75	M355809	South to North	0.207	2.13
TR-12-39	850.2	852.8	2.6	M355810	South to North	0.121	2.04
TR-12-39	852.8	855.95	3.15	M355811	South to North	0.12	2.95
TR-12-39	855.95	859.9	3.95	M355812	South to North	0.088	1.85
TR-12-39	859.9	863.6	3.7	M355814	South to North	0.167	4.95

APPENDIX VII

GEOLOGICAL AND GEOTECHNICAL LOGS

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382932.13	6889648.8	1425.111	476.45

ZONE: Klaza

SECTION:

HOLE: DDH-KL-12-51

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 15-20, 2012

Geology logged by: Xena Montague and Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	230.55	230.55		Redrill of KL-11-51.
230.55	284.10	53.55	GRD	Weak-moderate phyllic altered granodiorite with patches of argillic and propyllitic alteration.
284.10	285.00	0.90	FEL	Fractured, clay altered granodiorite.
285.00	419.14	134.14	GRD	Mostly moderate phyllic interval with patches of strong argillic alteration.
419.14	445.71	26.57	GRD	Moderate argillic alteration with patchy propyllitic and phyllic vein envelopes on quartz-carbonate
445.71	449.85	4.14	GRD	Moderate propyllitic with phyllic vein envelopes.
449.85	455.35	5.50	FEL	Quartz feldspar porphyry dyke.
455.35	463.96	8.61	GRD	Moderate argillic alteration with patchy propyllitic and phyllic vein envelopes on quartz-carbonate veins.
463.96	465.65	1.69	GRD	Light green-grey quartz feldspar porphyry dyke with crosscutting mineralized veins.
465.65	476.46	10.81	GRD	Strongly propyllitic granodiorite with phyllic envelopes on mineralized quartz veins.
476.46	486.77	10.31	FEL	Light green-grey quartz feldspar porphyry dyke with two crosscutting mineralized veins.
				EOH

SAMPLES

Numbers: N828001 - N828229

Total: 167

Batch: 51-1 to 51-4; 80-6; 87-3

Date Sent:

Certificate:

COMMENTS

Redrill of KL-11-51, reaming depth 230.50m. Hole lost due to technical difficulties.

KLAZA

Hole: DDH-KL-12-51 **Logger Name:** **Xena Montague and Teresa Cruz** **Date: July 17, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	230.35	230.35																			Continuation of hole KL-11-51, reamed until 230.50m.
230.35	284.10	53.75																			Majority of interval is weak-moderate phylic alteration.
			230.35	234.72	4.37	mKgW	GRD	MG	LT	GR				ARG	3I						Moderate argillic altered granodiorite.
										GY											
			234.72	238.50	3.78	mKgW	GRD	MG	LT	GR				ARG	2I						Weak argillic altered granodiorite with narrow (15cm) phyllic altered granodiorite aroun quartz/chalcedony/carbonate veining.
			238.50	242.23	3.73	mKgW	GRD	MG	DK	GR			3I	PRO	3I						Silicified, moderate propyllitic altered granodiorite hosting infrequent white carbonate veinlets.
			242.23	248.78	6.55	mKgW	GRD	MG	LT	GR				ARG	2I						Weak argillic altered granodiorite with narrow (15cm) phyllic altered granodiorite aroun quartz/chalcedony/carbonate veining.
										PK											
			248.78	265.78	17.00	mKgW	GRD	MG	LT	GR				PHC	3I	2.00					Moderate-strong phyllic altered granodiorite enveloping frequent carbonate veinlets, white/green breccia/gouge, mineralized quartz/chalcedony/carbonate veinlets and massive mineralized veins. Disseminated pyrite adjacent to veins.
										GY					2I						
			265.78	266.60	0.82	mKgW	GRD	MG	LT	GR				PRO	4I						Strong propyllitic altered granodiorite.
										GY											
			266.60	268.60	2.00	mKgW	GRD	MG	LT	GR				PHC	3I	1.00					Moderate phyllic altered granodiorite envelope around pink chaldecony and white carbonate breccia hosting rare pyrite blebs.
			268.60	269.90	1.30	mKgW	GRD	MG	LT	RD	ST			ARG	3I			He	3.00		Hematite stained, moderate argillic altered granodiorite.
										WH											
			269.90	272.62	2.72	mKgW	GRD	MG	LT	GR				PHC	2I						Moderate argillic granodiorite with a weak phyllic overprint, frequent ankerite veinlets, one offwhite chalcedony veinlet with infilled carbonate.
														ARG	3I						
			272.61	274.90	2.29	mKgW	GRD	MG	LT	GR	PA			ARG	3I						Argillic alteration overprinting propyllitic altered granodiorite.
									DK					PRO	2I						
			274.90	284.10	9.20	mKgW	GRD	MG	LT	GR	FR			PHC	3I	2.00					Phyllic overprinting argillic altered granodiorite enveloping mineralized quartz/chalcedony veins with pyrite, sphalerite, and two faults in the interval.
														ARG	2I						
284.10	285.00	0.90				LKqP	FEL	MG	MD	TN	PO			CLY	3I						Fractured, clay altered quartz-feldspar porphyry dyke..
285.00	419.14	134.14				mKgW	GRD	MG	LT	GR											Majority of interval is strongly altered granodiorite, mostly moderate phyllic and strong argillic.
			285.00	288.12	3.12	mKgW	GRD	MG	LT	GR	FR			PHC	3I	2.00					Fractured, phyllic altered granodiorite. Infrequent disseminated pyrite.
			288.12	298.60	10.48	mKgW	GRD	MG	LT	GR	PA			ARG	4I						Patchy moderate-strong argillic altered granodiorite overprinting propyllitic altered granodiorite. Interval is fractured in weakly faulted areas (292.00-292.70m).
									MD						3I						
			298.00	300.00	2.00	mKgW	GRD	MG	LT	GR				PHC	3I	2.00					Moderate-strong phyllic altered granodiorite hosting frequent mineralized quartz/chalcedony/carboat veins and ankerite veinlets.
															4I						
			300.00	304.00	4.00	mKgW	GRD	MG	LT	GR				PHC	3I	4.00		Se	2.00		Strong phyllic altered granodiorite, klaza zone?, sericite in dyke selvedges.
														SER	3I						
			304.00	306.75	2.75	mKgW	GRD	MG	LT	GR				PHC	3I	2.00					Moderate-strong phyllic altered granodiorite hosting frequent mineralized quartz/chalcedony/carboat veins and ankerite veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
															4I						
			306.75	312.02	5.27	mKgW	GRD	MG	DK	GR				PRO	3I						Moderate-strong propyllitic altered granodiorite.
			312.02	314.08	2.06	mKgW	GRD	MG	LT	GR				ARG	3I						Moderate argillic altered granodiorite.
										WH											
			314.08	314.70	0.62	mKgW	GRD	MG	LT	GR				PHC	3I	1.00					Light green, moderate phyllic altered granodiorite enveloping a quartz/chalcedony/carbonate vein hosting blebby pyrite.
										PK											
			314.70	319.50	4.80	mKgW	GRD	MG	DK	GR			2I	PRO	3I			Ak	1.00		Siliceous, moderate propyllitic altered granodiorite with infrequent ankerite veinlets.
			319.50	324.18	4.68	mKgW	GRD	MG	LT	GR	ST			ARG	3I			He	2.00		Moderate-strong argillic altered granodiorite with hematite stains, crosscut by chalcedony/ankerite veinlets and one mineralized breccia vein.
										PK											
			324.18	328.76	4.58	mKgW	GRD	MG	DK	GR				PRO	3I	<1					Dark green propyllitic altered granodiorite with quartz/ankerite veinlets and trace pyrite.
			328.76	331.10	2.34	mKgW	GRD	MG	LT	PK				ARG	3I			He	2.00		Moderate-strong argillic altered granodiorite with hematite stains, crosscut by chalcedony/ankerite veinlets and one mineralized breccia vein.
			331.10	335.66	4.56	mKgW	GRD	MG	DK	GR				3I							Dark green propyllitic altered granodiorite with quartz/ankerite veinlets and trace pyrite.
			335.66	345.44	9.78	mKgW	GRD	MG	LT	GR				PHC	3I	3.00					Moderate-strong phyllic altered granodiorite, strong phyllic altered granodiorite enveloping massive mineralized veins - see secondary structures.
			345.44	350.60	5.16	mKgW	GRD	MG	MD	GR	PA		3I								Moderate silicified propyllitic/argillic altered granodiorite in patches.
			350.60	351.10	0.50	mKgW	GRD	MG	LT	GR				PHC	4I						Intense phylic altered granodiorite with disseminated pyrite and boook sericite and sericite altered feldspars.
			351.10	355.43	4.33	mKgW	GRD	MG	LT	GR				ARG	3I	<1		Sp	<1		Quartz poor, phyllic/argillic altered granodiorite, later flooded by quartz.
														PHC	2I						
			355.43	356.30	0.87	mKgW	GRD	MG	LT	GR				PHC	4I	4.00		Se	15.00		Strong phyllic altered granodiorite with abundant replacement sericite (from feldspars: 35%) and book sericite. Pervasive disseminated pyrite.
			356.30	358.12	1.82	mKgW	GRD	MG	LT	GR				PHC	3I						Moderate-strong phyllic altred granodiorite with frequent white-green clay gouge veinlets.
			358.12	361.50	3.38	mKgW	GRD	MG	LT	GR				ARG	4I						Strong argillic altered granodiorite crosscut by ankerite veinlets.
			361.50	362.00	0.50					PK				PHC	3I	3.00					Moderate phyllic granodiorite with strong phyllic altered envelopes around mineralized quartz veins.
			362.40	364.70	2.30	mKgW	GRD	MG	LT		PA			ARG	3I						Patchy argillic/propyllitic altered granodiorite with a narrow 10cm phyllic envelope around a mineralized quartz vein.
									DK					PRO	3I						
			364.70	372.00	7.30	mKgW	GRD	MG	LT	GR				PHC	3I	5.00					Moderate, mostly stron phyllic altered granodiorite enveloping approximately 15 mineralized smoky quartz veins.
			372.00	374.80	2.80	mKgW	GRD	MG	LT	GR				ARG	3I						Moderate-strong argillic altered granodiorite.
										WH											
			374.80	376.75	1.95	mKgW	GRD	MG	DK	GR	MO			PRO	3I						Mottled propyllitic altered granodiorite with patchy potassive overprinting.
										PK				POT	2I						
			376.75	378.10	1.35	mKgW	GRD	MG	LT	GR	PA			ARG	2I						Patchy weak-moderate argillic altered granodiorite.
										PK											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			378.10	381.88	3.78	mKgW	GRD	MG	DK	GR	MO			PRO	3I	1.00					Moderate-strong propyllitic altered granodiorite with weak potassic overprinting. Trace disseminated pyrite.
										PK				POT	2I						
			381.88	386.60	4.72	mKgW	GRD	MG	MD	GR	PA			PHC	2I					x	Patchy weak phyllic and moderate argillic granodiorite.
										PK				ARG	3I						
			386.60	389.30	2.70	mKgW	GRD	MG	DK	GR	MO			PRO	3I						Mottled propyllitic altered granodiorite with patchy potassive overprinting, with frequent carbonate veinlets.
										PK				POT	2I						
			389.30	391.00	1.70	mKgW	GRD	MG	LT	WH	CR			ARG	4I						Strong argillic altered granodiorite, crumbly.
										PK											
			391.00	399.10	8.10	mKgW	GRD	MG	LT	GR				PHC	2I						Weak-moderate phyllic altered granodiorite. Infrequent ankerite/carbonate veinlets.
			399.10	402.12	3.02	mKgW	GRD	MG	DK	GR				PRO	3I						Moderate-strong propyllitic altered granodiorite with carbonate veinlets.
			402.12	405.50	3.38	mKgW	GRD	MG	LT	WH				ARG	3I						Moderate-strong argillic altered granodiorite.
										PK											
			405.50	407.42	1.92	mKgW	GRD	MG	LT	GR				PHC	2I						Moderate argillic altered granodiorite with weak phyllic altered envelopes around crustiform chalcedony veins.
														ARG	3I						
			407.42	412.00	4.58	mKgW	GRD	MG	DK	GR				PRO	3I						Moderate-strong propyllitic altered granodiorite with carbonate veinlets.
			412.00	413.82	1.82	mKgW	GRD	MG	LT	GR				ARG	4I						Strong argillic altered granodiorite with frequent chalcedony/carbonate veinlets.
			413.82	415.90	2.08	mKgW	GRD	MG	DK	GY				PRO	3I						Moderat propyllitic altered granodiorite.
			415.90	419.14	3.24	mKgW	GRD	MG	MD	GN	RB			PRO	2I						Moderate-weak propyllitic overprinted argillic with approximately 50% rubbly recovery. Crosscut by calcite veinlets and mineralized quartz vins.
										GY				ARG	3I						
419.14	445.71	26.57				mKgW	GRD	MG	LT	GN				ARG	3I						Moderate argillic granodiorite with patchy propyllitic and phyllic vein envelopes. Crosscut by calcite veinlets and mineralized quartz veins. Dominantely light green due to green clays in argillic altered intervals.
										GY				PHC	2I						
														PRO	1I						
			420.86	423.05	2.19	mKgW	GRD	MG	LT	GN	GO			ARG	3I						Argillic granodiorite with moderate patchy gouge development.
										GY											
			443.87	444.51	0.64	mKgW	GRD	MG	MD	GN			4I	PRO	3I			To	10.00		Short interval of strongly silica flooded propyllitic granodiorite, such that original granodiorite textures are obliterated. Quartz eyes and patchy pink potassic alteration is present.
														POT	2I						
445.71	449.85	4.14				mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic granodiorite with phyllic vein envelopes around crosscutting quartz veinlets.
									MD	GY				PHC	3I						
449.85	455.35	5.50				LKqP	FEL	FG	LT	GN								Ca	3.00		Light green fine-grained quartz feldspar porphyry dyke, with phenocrysts of 1-3mm clay altered feldspar and quartz. Crosscut by cracks infilled by calcite.
										GY											
			454.49	455.35	0.86	LKqP	FEL	FG	LT	GN	RB			CLY	2I						Heavily gouged and rubbly dyke leading to the downhole contact with granodiorite.
										GY	GO										
455.35	463.96	8.61				mKgW	GRD	MG	LT	GN				ARG	3I						Moderate argillic granodiorite with patchy propyllitic and phyllic vein envelopes. Crosscut by calcite veinlets and mineralized quartz veins. Patchy propyllitic is typically expressed by a higher epidote content in light green argillic granodiorite.
									MD					PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
														PHC	3I						
			455.35	457.00	1.65	mKgW	GRD	MG	LT	GN	RB			PRO	3I						Moderate propyllitic with heavy fracturing and moderate gouge.
										GY	GO			ARG	2I						
			463.14	463.96	0.82	mKgW	GRD	MG	LT	GN				PRO	3I						Dyke selvedge: moderate propyllitic and phyllic with many crosscutting smoky-grey mineralized quartz veins.
									MD					PHC	3I						
463.96	465.65	1.69				LKqP	FEL	FG	LT	GN											Light green quartz feldspar porphyry dyke with quartz and feldspar phenocrysts about 1 2mm diameter. Crosscut by calcite veinlets.
										GY											
465.65	476.46	10.81				mKgW	GRD	MG	MD	GN				PRO	4I						Strongly propyllitic granodiorite with phyllic vein envelopes, crosscut by mineralized quartz veins and calcite veinlets.
									DK	GY				PHC	3I						
			465.65	465.90	0.25	mKgW	GRD	MG	MD	GN				PHC	3I						Dyke selvedge: closely spaced smoky quartz veins and veinlets with weak brecciation of the granodiorite.
									DK	BK				PRO	2I						
			469.46	470.14	0.68	mKgW	GRD	MG	LT	PK				ARG	3I						Moderate argillic with patchy pink potassic alteration.
										GN				POT	1I						
			472.89	474.80	1.91	mKgW	GRD	MG	LT	GN				ARG	3I						Moderate argillic with phyllic vein envelopes.
										GY				PHC	1I						
476.46	486.77	10.31				LKqP	FEL	FG	LT	GN											Quartz feldspar porphyry dyke with two crosscutting mineralized veins.
										GY											
																					EOH

Hole: DDH-KL-12-51 Logger Name: Xena Montague and Teresa Cruz

Depth (m)		DESCRIPTION
284.10		Faulted, white-green gouge matric with rounded-subangular clasts of phyllic altered granodiorite. Sharp contact at 85 degrees TCA of granodiorite to feldspar porphyry dyke. Top 4cm of porphyry dyke is a chilled margin.
285.00		Sharp contact at 90 degrees TCA between feldspar porphyry dyke (hanging wall) and grandiorite (foot wall). Top 15cm of feldspar porphyry dyke is a chilled margin. Top of granodiorite is brecciatd and mineralized (in clasts).
449.85		Sharp, clay altered contact at 20 degrees TCA between propyllitic granodiorite (hanging wall) and feldspar porphyry dyke (foot wall). Contact is 35 cm long and highly undulatory, with a 1cm thick chilled margin in the feldspar porphyry dyke.
455.35		Gradational, heavily gouged contact between feldspar porphyry dyke (hanging wall) and granodiorite (foot wall) at 80 degrees TCA.
463.96		Sharp 80 degree contact between granodiorite (hanging wall) and feldspar porphyry dyke (foot wall) that is rubbly and fractured in the foot wall.
465.65		Sharp, clay altered 60 degree contact between feldspar porphyry dyke and granodiorite (foot wall).
476.76		Sharp 70 degree contact between granodiorite (hanging wall) and quartz feldspar porphyry dyke (foot wall) that is moderately mineralized by crosscutting veins and strongly gouged.
		EOH

Hole: DDH-KL-12-51 **Logger Name:** Xena Montague and Teresa **Date:** July 25, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	235.70	235.70	70					White, non-mineralized carbonate veinlet.	
VT	238.20	238.22	30			Sp	60	Veinlet completely infilled with sphalerite with blebs of pyrite.	
						Py	4		
VT	243.10	243.11	85			Sp	30	White translucent quartz veinlet hosting blebby honey brown sphalerite and pyrite. Ankerite veinlets present.	
						Py	30		
VN	245.34	235.38	55					White-off-white chalcedony vein with lenses of smoky quartz.	
FX	245.80	246.00			30.00			Frequent netted fractured filled with grey clay gouge.	
VN	246.65	246.66	85			Sp	15	Smoky quartz and white translucent quartz hosting honey brown sphalerite and pyrite.	
						Py	15		
VN	250.46	250.48	80			Sp	55	Smoky quartz vein hosting massive mineralization: honey brown sphalerite, pyrite, chalcopyrite, and trace galena.	
						Py	15		
						Cp	2		
						Gn	1		
VT	250.56	250.60	80		3.00	Py		Three smoky quartz veinlets hosting blebby pyrite and interstitial arsenopyrite blebs.	
						As			
VN	251.26	251.32	85			Py	20	Smoky quartz vein with netted/brecciated texture hosting blebby pyrite and arsenopyrite.	
						As	4		
VN	251.37	251.41	85			Py	25	Smoky quartz vein with netted/brecciated texture hosting blebby pyrite.	
FT	253.80	254.80						Netted, brecciated phyllic altered granodiorite with white-green clay-gouge.	
VN	255.80	255.81						Possible vein, dark grey gouge.	
BX	259.20	259.30	30			Py		Dark grey siliceous breccia with angular clasts of ankerite, matrix is aphanitic dark grey quartz-right with very fine grained pyrite blebs.	
VN	260.86	261.02	85			Py		Vuggy off-white translucent quartz vein with some smoky quartz components. Some brecciated white quartz with interstitial white carbonate. Coarse grained blebby pyrite, one 1cm^2 angular clast completely replaced by pyrite. Blebby honey brown sphalerite, interstitial galena and trace fine grained arsenopyrite. Interstitial and netted ankerite.	
						Gn			
						Sp			
						As			
VT	261.40	261.90	75		4.00			Four white carbonate veinlets, one 2cm wide and brecciated with angular clasts of phyllic altered granodiorite.	
VN	262.38	262.40	90			Py	2	Vuggy smoky quartz vein hosting fine grained crystalline pyrite.	
VN	262.65	262.80	90			Sp	10		
						Py	15		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
						As	1		
VN	264.26	264.36	40			Py	1	Massive pink-white chalcedony with disseminated pyrite.	
BX	267.02	267.22	80		32.00			Pink-white chalcedony breccia, carbonate flooded, matrix is crystalline. Clasts are 1mm-2cm angular phyllic altered granodiorite.	
BX	267.44	267.50	80					Pink-white chalcedony breccia, carbonate flooded, matrix is crystalline. Clasts are 1mm-2cm angular phyllic altered granodiorite.	
BX	267.90	267.91	60					Pink-white chalcedony breccia, carbonate flooded, matrix is crystalline. Clasts are 1mm-2cm angular phyllic altered granodiorite.	
VN	271.86	271.90	35					Off-white chalcedony vein with white carbonate infilling previous vugs.	
VT	276.05	276.17	55		7.00	Py	15	Smoky quartz/off-white chalcedony with minor. White carbonate (interstitial), hosting blebby pyrite and sphalerite (only chalcedony)	
						Sp	5		
VN	279.54	279.60	45		2.00	Py	30	Two smoky quartz veins, one with interstitial ankerite hosting blebby pyrite and blackjack sphalerite.	
						Sp	2		
VN	279.83	279.86	90			Py	50	Massive smoky-white quartz vein hosting blebby pyrite and sphalerite. Strong phyllic alteration envelope.	
						Sp	5		
VT	280.39	280.40	35			Ak	95	One ankerite veinlet.	
FT	280.60	284.10	40 top/ 90 bottom			Py	2	Fractured, crumbled, faulted phyllic altered granodiorite, with possible mineralized veinlets (dark grey clay gouge), and disseminated pyrite throughout.	
FT	284.98	285.04	90					Grey-green clay gouged fault between feldspar porphyry dyke and granodiorite.	
VN	285.04	285.11	90			Py	20	White breccia: matrix is crystalline white-pink chalcedony, white carbonate, and clasts are angular-subangular smoky quartz and completely replaced (mineralized with pyrite) iron-rich minerals.	
VT	285.27	286.10	85		10.00			Ten crustiform pink-white chalcedony veinlets with carbonate flooding.	
FT	285.60	286.60	0-40					Weak developed by fault, white-green clay rich matrix with clasts of local phyllic altered granodiorite.	
VN	291.35	291.38	70					Colloform off-white chalcedony, translucent quartz with carbonate flooding vein.	x
FT	282.00	282.70						Weak developed by fault, white-green clay rich matrix with clasts of local phyllic altered granodiorite.	
VN	293.53	293.54	90			Py	2	Massive, crystalline pink-white chalcedony, flooded by carbonate.	
VN	294.15	294.25	85			Sp	30	Pink-white chalcedony dominating vein. Vugs coated with white carbonate, translucent grey quartz crystals present. Fine grained to medium grained crystals of sphalerite (honey grown sphalerite) and blebs of pyrite. Vein is crosscut by 1cm wide white carbonate vein.	
						Py	15		
VN	299.25	302.60	85		10.00	Py	45	Ten mineralized veins, all similar: multistage veining, complex veins. Smoky quartz and grey translucent quartz veins with stringers of off-white chalcedony, ankerite, and white carbonate are common. Smoky quartz component hosts the pyrite, whereas chalcedony hosts the sphalerite. Sulphides are blebby. veins as 1-1.5cm wide.	
						Sp	15		
VT	299.25	302.60	80		20.00	Py	5	Frequent smoky quartz veinlets hosting pyrite, also ankerite and white-pink chalcedony veinlet, both hosting pyrite.	
VN	303.85	303.88	80			Py	15	Massive, prismatic grey translucent quartz with interstitial ankerite hosting blebby pyrite in inner selvedges.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
DK	310.88	310.98	60					Aplite dyke	
VN	320.55	320.68	70			Py	12	Complex vein: banded vein with grey translucent quartz, brecciate colloform chalcedony veining, breccia clasts of smoky quartz, milky, off-white chalcedony, altered carbonated flooded, minor vugs in chalcedony present.	
						Sp	2		
VT	332.40	332.45	90		2.00	Py	5	Two white translucent quartz and off-white chalcedony and ankerite veinlets hosting blebby pyrite and sphalerite.	
						Sp	4		
VN	338.85	338.87	90			Py	5	Smoky quartz vein hosting aphanitic sulphides. Visible pyrite.	
VT	339.20	339.27	85		3.00	Py	5	Three dark grey (aphanitic sulphides) veinlets hosting blebby pyrite, minor gouge.	
FT	341.13	341.27	60					White-green clay gouge matrix, with rounded clasts of phyllic altered granodiorite fault.	
FN	342.00	342.13	65			Py	70	Massive pyrite hosted in smoky quartz.	
GO	342.13	342.26	65						
VN	342.26	342.37	75			Py	80	Massive pyrite hosted in smoky quartz vein.	
VN	342.50	342.72	80			Py	5	Dark grey, aphanitic veinlets (sulphides) with irregular clasts of white, translucent quartz. Some blebs of pyrite.	
VT	342.74	342.90	80		9.00	Py	5	Dark grey aphanitic veinlets (sulphides) blebby pyrite.	
VN	243.00	343.25	80		3.00	Py		Three white, translucent quartz veins hosting blebby pyrite, chalcopyrite and fine grained sphalerite. Some interstitial ankerite.	
						Sp			
						Cp			
VN	350.73	350.82	75			Py	70	White-smoky translucent quartz vein hosting blebby pyrite and possible very fine grained sphalerite.	
VT	355.54	355.56	85					Smoky quartz/white chalcedony/carbonate veinlet hosting blebby pyrite.	
VN/FT	355.95	356.03	70			Py	10	Faulted vein, dark grey gouge, visible blebs of pyrite.	
VN	361.68	361.72	90			Py	5	White translucent quartz vein hosting blebby pyrite on inner and outer selvedge. Outer selvedge is finer grained, with/without arsenopyrite.	
						As	1		
VN	361.95	361.10	90		2.00	Py	25	Two white translucent white quartz veins hosting blebby-massive pyrite. With strong phyllic altered granodiorite (with disseminated pyrite) in between.	
VT	362.37	362.38	90			Py	3	White, translucent quartz vein with interstitial ankerite hosting blebby pyrite.	
VN	363.30	363.31	90			Py	10	White-grey translucent quartz vein with interstitial ankerite vein hosting blebby pyrite along inner and outer selvedges.	
VN	364.92	364.97	85			Py	35	Smoky quartz vein hosting blebby pyrite and arsenopyrite.	
						As	15		
VN	365.20	365.21	85			Py	2	Smoky quartz, banded vein with ankerite breccia (minor), blebby pyrite with smoky quartz.	
VT	365.69	365.70	50			Py	4	Banded veinlet, smoky quartz and ankerite hosting blebs of pyrite in 2 cm selvedge.	
VN	366.30	366.55	80		2.00	Py	2	Dark grey, smoky quartz/aphanitic sulphides (?) veinlets crosscut by chalcedony/ankerite breccia. Rare pyrite blebs.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	366.55	370.50	80		40.00	Py	25	Frequent dark grey veinlets hosting blebby pyrite veinlets.	
VN	377.89	377.90	85					Ankerite and white carbonate vein.	
VN	382.75	383.89	85			Py	20	Complex vein: banded smoky quartz, grey and white translucent quartz, fine grained sulphide veinlets. Blebby pyrite, blebby arsenopyrite, crystalline honey brown sphalerite, ankerite flooded and in veinlets.	
						As	2		
						Sp	1		
VT	304.50	385.50	75		2.00			Off white chalcedony/milky quartz veinlets hosting blebby pyrite.	
VN	386.42	386.44	70			Py	5	Comb quartz (grey, translucent) vein infilled with white carbonate with chlorite and pyrite selvedge.	
						Cl	7		
VT	387.25	388.40	75		2.00	Sp	2	Off-white chalcedony veinlets hosting sphalerite.	
FT	391.00	391.50						Weakly developed fault.	
VN	396.30	396.48	90		2.00			Two off white colloform chalcedony veins with white carbonate breccia, no mineralization.	
VT	398.00	398.35	85			Py	20	White-grey translucent quartz veinlets with pyrite blebs.	
VN	402.05	402.10	90		3.00	Py	5	White translucent quartz vein with ankerite on outer selvedge, hosting blebby pyrite and minor sphalerite.	
						Sp	1		
VN	406.14	406.17	90					Off-white crustiform chalcedony, broken up by white carbonate vein, no mineralization.	
VT	406.20	406.21	90			Py	5	Off white chalcedony with white translucent quartz veinlet hosting blebby pyrite.	
VN	407.90	407.91	85			Py	2	Pink chalcedony crustiform/colloform veinlet with minor pyrite and sphalerite blebs	
						Sp	1		
VT	407.51	407.52	70			He	2	White weakly banded quartz veinlet hosting red disseminated hematite.	
VN	407.90	407.92	80			Sp	4	Weakly crustiform white chalcedony-calcite vein with blebby sphalerite at its centre.	
						Ca	20		
VN	408.51	408.55	80			Py	10	Grey translucent quartz (1.5cm) adjacent to 1.5cm white massive quartz vein. Grey quartz hosts two parallel smoky quartz veinlets. Disseminated-blebby pyrite and discontinuous white calcite veinlets.	
						Ca	2		
GO	409.31	409.34	80					Weakly gouged silicified argillic granodiorite.	
VT	409.39	409.40	90			Py	1	White massive quartz veinlet hosting weakly disseminated pyrite.	
GO	409.50	409.54	90			Py	1	Weakly gouged argillic granodiorite.	
VN	410.88	410.90	45			Py	1	Smoky-white quartz vein with 4mm thick dark green chlorite borders. Hosts weakly disseminated pyrite.	
VN	412.39	412.42	60			Py	1	White-grey quartz vein with crosscutting calcite veinlets quartz hosts disseminated pyrite and weakly disseminated arsenopyrite.	
						As	1		
VT	413.21	413.22	90			Py	1	White-grey-off-white banded quartz vein with disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	413.79	413.81	70			Py	7.00	White quartz-calcite veinlet hosting blebby-disseminated pyrite, blebby galena, disseminated-blebby sphalerite.	
						Ga	2.00		
						Sp	4.00		
						Ca	10.00		
VN	416.85	416.87	70.00			Cb	3.00	Grey translucent massive quartz vein with carbonate-filled cracks perpendicular to vein direction.	
VN	417.19	417.25	90.00			Py	10.00	White massive quartz vein with grey translucent quartz veinlet. Hosts disseminated-blebby pyrite, and is crosscut by long cracks.	
VN	417.28	417.53	90.00		2.00	Py	2.00	White massive quartz veins with disseminated pyrite and disseminated chalcopyrite.	
						Cp	1.00		
VN	417.94	418.01	80.00		2.00	Py	20.00	Two smoky-white quartz veins with vuggy smoky quartz at the centre. White quartz is weakly crustiform at the vein borders. Hosts blebby-massive pyrite and blebby arsenopyrite.	
						As	2.00		
VN	418.91	419.11	70.00		2.00	Py	1.00	Two 3cm thick massive grey quartz veins that are crosscut by carbonate-filled cracks. Hosts weakly disseminated pyrite.	
VN	420.83	420.88	60.00		2.00	Py	40.00	white massive quartz veins with blebby-massive pyrite. Pyrite has replaced approximately 40% of the quartz veins.	
GO	420.95	421.67	60.00			Py	1.00	Moderate-weak gouge in argillic-phyllic granodiorite, with a few crosscutting mineralized quartz veins.	
VN	421.58	421.70	80.00			Py	5.00	Thick, smoky quartz vein that brecciated host granodiorite and has 1-3cm granodiorite class. Uphole third of the vein is weakly gouged, hosting disseminated pyrite.	
GO	421.80	421.82	60.00					Gouged phyllic granodiorite.	
GO	421.91	422.60	50.00					Weakly-moderately gouged granodiorite.	
VT	423.76	424.51	90.00		10.00	Se	2.00	Ten white quartz veinlets with sericite crystals in 1mm phyllic envelopes.	
VT	426.22	426.23	60.00			Py	1.00	Grey quartz veinlet with thin chlorite-rich envelopes, hosting disseminated pyrite.	
VN	427.09	427.12	70.00					Light grey massive-crackled quartz vein.	
VN	428.04	428.12	90.00			Py	40.00	Thick quartz vein: 3.5cm grey quartz with heavy pyrite mineralization. 2cm white massive quartz with small vugs and weakly disseminated pyrite. 2cm of grey quartz crosscut by smoky quartz veinlets and vuggy white quartz veinlets with blebby-disseminated pyrite.	
VN	429.74	429.76	40.00			Py	1.00	Poorly defined off white quartz vein with weakly disseminated pyrite.	
VN	430.51	430.53	65.00			Py	2.00	Strongly clay altered white quartz vein with smoky quartz veinlet borders, with disseminated pyrite in the clay.	
VT	430.59	430.61	45.00			Py	1.00	White, weakly clay altered quartz veinlet, hosting disseminated pyrite.	
VN	430.95	430.97	90.00			Py	25.00	White massive quartz vein hosting blebby-massive pyrite.	
VT	431.10	431.11	80.00			Py	1.00	White massive quartz vein hosting disseminated pyrite.	
VN	433.30	433.32	75.00			Py		Milky quartz vein hosting blebby pyrite, bordered by 1mm thick smoky quartz veinlets. Downhole of the quartz vein is a 1 cm thick massive white calcite vein.	
						Ca			

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	433.91	433.92	50.00			Py	4.00	Very thin white quartz veinlet with dark green chlorite borders 1mm thick. Hosts disseminated-blebby pyrite and disseminated arsenopyrite in the chlorite envelope.	
						As	2.00		
VN	435.38	435.41	60.00					Thick calcite vein.	
VN	435.51	435.57	80.00		2.00	Py	40.00	White quartz veins mostly replaced by massive-blebby pyrite, and hosting blebby sphalerite and disseminated-blebby arsenopyrite.	
						Sp	6.00		
						As	2.00		
VT	435.69	436.55	80.00		6.00	Py	12.00	Six grey quartz veinlets with blebby-massive pyrite in the centre, with blebs of galena and arsenopyrite. Thin sphalerite veinlets border the vein and are weakly discontinuous.	
						Sp	8.00		
						Gn	4.00		
						As	2.00		
VT	437.41	437.43	60.00			Py	10.00	White vaguely dendritic quartz veinlet with blebby-massive pyrite, blebby sphalerite, blebby galena, and disseminated-blebby arsenopyrite.	
						Sp	4.00		
						Gn	2.00		
						As	1.00		
VT	437.80	437.81	80.00					Pyrite veinlet.	
VT	437.93	438.05	60.00			Py	16.00	Smoky-white quartz veinlet with discontinuous pyrite veinlets.	
VN	438.18	438.20	80.00			Py	20.00	White massive quartz vein with blebby-disseminated pyrite.	
GO	439.27	439.54	70.00			Py	2.00	Weakly-moderately gouged phyllic granodiorite with disseminated pyrite.	
VN	439.62	439.65	90.00			Py	1.00	White quartz vein with smoky quartz veinlet on up hole border. Smoky quartz hosts disseminated pyrite.	
VT	441.05	443.00	85.00		15.00	Py	3.00	Fifteen 1mm thick white quartz veinlets with dark green chlorite envelopes. Hosts disseminated pyrite and disseminated sphalerite.	
						Sp	1.00		
VN	443.23	443.52	70.00		3.00	Py	3.00	Three thick smoky quartz veins with small (<3mm diameter) clasts of granodiorite. Hosts disseminated pyrite. Think white-milky quartz veinlets border each vein.	
VT	443.74	443.87	90.00		3.00	Py	3.00	White massive quartz veinlets with blebby pyrite and sphalerite, with discontinuous carbonate-filled microfractures lining each border.	
						Sp	3.00		
						Cb	2.00		
VT	445.49	446.38	70.00		2.00	Py	6.00	White massive quartz veinlets with blebby pyrite and sphalerite.	
						Sp	2.00		
VN	446.88	446.92	70.00			Py	15.00	White-grey translucent quartz vein with blebby-massive pyrite and a milky quartz veinlet on the downhole border.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	447.07	447.14	60.00			Py	20.00	Thick quartz vein with a 4mm milky quartz vein in smoky quartz. Smoky quartz hosts blebby-massive pyrite.	
VT	447.20	447.27	90.00		2.00	Py	5.00	Smoky quartz veinlets with off-white milky quartz borders. Hosts disseminated-blebby pyrite.	
VT	447.58	449.02	60.00		12.00			Twelve 1mm thick milky quartz veinlets with grey quartz borders (<1mm). No mineralization.	
VN	448.01	448.03	80.00			Py	10.00	White-milky quartz vein with blebby-disseminated pyrite and discontinuous creamy weakly crustiform quartz.	
VN	449.12	449.18	90.00		2.00	Py	2.00	Off-white crustiform quartz veinlets adjacent to grey translucent with disseminated pyrite.	
GO	454.43	454.49	70.00					Gouged quartz feldspar porphyry dyke.	
GO	455.96	456.07	80.00					Gouged quartz feldspar porphyry dyke.	
VT	456.19	456.21	80.00		2.00	Py	2.00	Off-white-milky-smoky quartz in alternating bands with disseminated pyrite.	
VN	457.69	457.72	45.00					Grey massive quartz vein.	
VN	457.72	457.73	85.00			Py	3.00	Weakly clay altered white-smoky quartz vein hosting disseminated pyrite.	
VN	458.46	458.48	45.00					Quartz vein with 3mm colloform chalcedony, 4mm grey translucent quartz, 4mm milky white massive quartz.	
VN	459.12	459.16	90.00			Py	2.00	Quartz vein with alternating bands of off-white, grey, and milky quartz veinlets, hosting disseminated pyrite and weakly oxide-stained.	
VN	459.75	459.77	50.00					Quartz vein with alternating veinlets of creamy-grey translucent quartz.	
VN	459.89	459.93	75.00			Py	10.00	White-grey quartz vein brecciated by smoky quartz veinlets, bearing disseminated pyrite.	
VN	460.13	460.40	80.00			Py	1.00	Indistinct white massive quartz veins with weakly disseminated pyrite in their phyllic envelopes.	
VT	461.42	461.43	75.00					White-pink chalcedony vein.	
VT	462.92	462.93	60.00					White-grey massive quartz veinlet.	
VT	463.21	463.50	65.00		9.00	Py	15.00	Netted smoky quartz veinlets that weakly brecciate the granodiorite. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	2.00		
VT	463.51	463.54	90.00			Py	1.00	Grey massive quartz vein with bordering white, weakly clay altered quartz veinlets. Hosts weakly disseminated pyrite.	
VN	463.88	463.97	80.00			Py	5.00	Dyke selvedge: smoky-milky-grey quartz veins and veinlets that are closely spaced and weakly brecciate the granodiorite. Hosts disseminated-blebby pyrite.	
VN	465.64	465.89	75.00			Py	10.00	Dyke selvedge: smoky-milky-grey quartz veins and veinlets that are closely spaced and weakly brecciate the granodiorite. Hosts disseminated-blebby pyrite.	
VT	466.07	466.50	60.00		7.00	Py	3.00	White-milky quartz veinlets with dark green chlorite borders.	
VN	466.45	466.46	90.00			Py	2.00	Smoky quartz vein with quarts feldspar phenocrysts approximately 1mm in diameter.	
VN	467.55	467.58	90.00			Py	3.00	White-milky quartz in alternating bands with disseminated pyrite.	
VT	468.80	468.80	75.00			Py	5.00	White-grey quartz vein with a smoky quartz veinlet. Hosts disseminated-blebby pyrite and blebby sphalerite.	
						Sp	1.00		
VN	471.84	471.87	60.00			Py	6.00	White-milky quartz vein with discontinuous pyrite stringers, blebby-disseminated pyrite, and a clay altered galena veinlet.	
						Gn	2.00		
VN	473.42	473.46	80.00			Ca	10.00	Off-white quartz-calcite vein.	
VN	475.43	475.44	70.00			Py	1.00	Alternating bands of smoky and white quartz veinlets with disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	475.90	475.93	60.00			Py	8.00	White-grey quartz vein with blebby-disseminated pyrite and blebby sphalerite.	
						Sp	4.00		
VN	476.28	476.45	90.00		3	Py	5.00	Smoky-white quartz in alternating bands in the dyke selvedge. Hosts disseminated-blebby pyrite.	
VN	481.41	481.59	10.00			Py	3.00	Milky quartz vein with blebby pyrite.	
VN	481.67	481.69	90.00			Py	1.00	Moderately clay altered grey-white quartz vein with disseminated pyrite.	
								EOH	

KLAZA

Hole: DDH-KL-12-51 **Date: July 17, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
238.15	9.9	6.3	846.8	538.1	GRD		PHC	4I	Sp	2	2.74394	2.743116	Stong phyllic altered granodiorite with disseminated pyrite and a honey brown sphalerite and pyrite stringer.
									Py	3			
246.5	9.9	6.3	864.4	553.7	GRD		PHC	3I	Py	2	2.800971	2.782105	Moderate phyllic altered granodiorte with a quartz-carbonate veinlet.
251	10	6.3	886.8	569.3	GRD		PHC	4I	Py	11	2.844819	2.793071	strong phyllic altered granodiorite crosscut by a smoky quartz stringer hosting 65% pyrite.
262.5	11.5	6.3	1048.5	687.8	VEN		VEN		Py	20	2.924823	2.906848	Banded, complex vein (see Secondary Structure).
							PHC	4I	Sp	20			
267	9.9	6.3	804.6	490.6	GRD		ARG	3I-4I	He	5	2.607197	2.56242	Moderate-strong argillic alteration with weak hematite staining.
Calibration			2001.2	1744.4									Calibration test with 2.0kg mass.
276	9.5	6.3	893.1	592.4	GRD		PHC	4I	Py	10	3.015821	2.97007	Strong phyllic altered vein crosscut by quartz-ankerite veinlet and mineralized with blebby pyrite, galena, and sphalerite.
									Sp	2			
									Ga	1			
									Se	2			
288.3	10.1	6.3	865.2	547.6	GRD		PHC	3I-4I	Py	4	2.748047	2.724181	Moderate-strong phyllic altered granodiorite crosscut by a pyrite veinlet.
									Se	3			
312.1	9.6	6.3	806.3	598.8	GRD		ARG	4I	Py	1	2.694353	3.885783	Strong argillic altered granodiorite.
299.2	8.8	6.3	813.1	544.2	VEN				Py	15	2.964083	3.023801	See secondary structures.
									Sp	20			
320.7	9.3	6.3	882.9	592	VEN				Py	15	3.045493	3.035064	See secondary structures.
Calibration			2001.5										Calibration test with a 2kg mass.
327.8	10.2	6.3	873.7	548.5	GRD		PRO	3I	Py	1	2.747838	2.686654	Moderate propyllitic altered granodiorite with trace disseminated pyrite.
342	11.9	6.3	1438.9	1057	VEN				Py	75	3.878937	3.76774	Smoky quartz vein with massive pyrite.
346.2	10	6.3	857.1	539.6	GRD		PHC	2I	Se	?	2.749543	2.699528	Weak phyllic altered granodiorite.
									Py	?			
358.85	10	6.3	795.1	478.4	GRD		ARG	4I			2.550649	2.510578	Strong argillic altered granodiorite.
431.35	10	6.3	829.1	512	GRD		PHC	3I			2.65972	2.614633	Moderate phyllic overprinting weakly argillic in granodiorite.
							ARG	2I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
444.15	9.7	6.3	835.5	525.6	GRD		PRO	2I			2.763145	2.696031	Heavily silica flooded, weak propyllitic granodiorite.
							SIL	4I					
448.13	9.6	6.3	798.4	492.6	GRD		ARG	3I			2.667954	2.610857	Argillic with weak propyllitic and many chlorite crystals.
							PRO	1I					
469.57	9.7	6.3	800.5	492.8	GRD		ARG	3I	Py	1	2.647394	2.60156	Moderate pink-white argillic with disseminated pyrite.
Calibration			2001.5										Calibration test with a 2kg mass.
483.72	9.4	6.3	609.2	381.9	FEL						2.079031	2.680158	Quartz feldspar porphyry dyke.
													EOH

KLAZA

Hole: DDH-KL-12-51 **Date: July 18, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
230.35	232.43	2.08	2.08	100	N813501	1				
232.43	235.20	2.77	2.77	100	N813502	1				
235.20	236.20	1.00	1.00	100	N813503	1				
236.20	238.55	2.35	2.35	100	N813504	1				
238.55	240.70	2.15	2.10	97.7	N813505	1				
					N813506	1				Klaza STD-1
240.70	242.78	2.08	2.02	97.1	N813507	1				
242.78	243.78	1.00	0.98	98	N813508	1				
243.78	245.30	1.52	1.50	98.7	N813509	1				
245.30	246.70	1.40	1.40	100	N813510	1				
246.70	248.30	1.60	1.60	100	N813511	1				
248.30	249.30	1.00	1.00	100	N813512	1				
249.30	250.30	1.00	1.00	100	N813513	1				
250.30	251.50	1.20	1.15	95.8	N813514	1				
					N813515	1				Blank
251.50	252.50	1.00	1.00	100	N813516	1				
252.50	254.85	2.35	2.35	100	N813517	1				
254.85	257.20	2.35	2.35	100	N813518	1				
					N813519	1				Klaza STD-1
257.20	258.75	1.55	1.55	100	N813520	1				
258.75	259.75	1.00	0.90	90	N813521	1				
259.75	260.75	1.00	1.00	100	N813522	1				
260.75	262.88	2.13	2.13	100	N813523	1				
					N813524	1				Blank
262.88	264.26	1.38	1.38	100	N813525	1				
264.26	265.26	1.00	1.00	100	N813526	1				
265.26	266.65	1.39	1.39	100	N813527	1				
					N813528	1				Duplicate
266.65	267.95	1.30	1.30	100	N813529	1				
267.95	270.98	3.03	3.00	99	N813530	1				
270.98	273.41	2.43	2.43	100	N813531	1				
					N813532	1				Coarse reject duplicate
273.41	275.30	1.89	1.89	100	N813533	1				
275.30	276.30	1.00	1.00	100	N813534	1				
276.30	279.20	2.90	2.90	100	N813535	1				
279.20	280.20	1.00	1.00	100	N813536	1				
280.20	282.41	2.21	2.00	90.5	N813537	6				Continuation of KL-12-80 Batch 6
282.41	284.15	1.74	1.55	89.1	N813538	6				
284.15	284.98	0.83	0.83	100	N813539	6				Felsic dyke
284.98	286.70	1.72	1.72	100	N813540	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N813541	6				Blank
286.70	288.65	1.95	1.95	100	N813542	6				
288.65	290.07	1.42	1.42	100	N813543	6				
290.07	291.45	1.38	1.38	100	N813544	6				
					N813545	6				Klaza STD-1
291.45	292.83	1.38	1.38	100	N813546	6				
292.83	295.00	2.17	2.00	92.2	N813547	6				
295.00	298.00	3.00	3.00	100	N813548	6				
298.00	299.00	1.00	1.00	100	N813549	6				
299.00	300.00	1.00	1.00	100	N813550	6				
					N813551	6				Blank
300.00	302.30	2.30	2.30	100	N813552	6				
302.30	303.89	1.59	1.59	100	N813553	6				
303.89	306.93	3.04	3.04	100	N813554	6				
306.93	309.98	3.05	2.90	95.1	N813555	6				
309.98	313.03	3.05	3.05	100	N813556	6				
313.03	314.03	1.00	1.00	100	N813557	6				
					N813558	6				Quarter Duplicate
314.03	315.03	1.00	1.00	100	N813559	2				
315.03	318.00	2.97	2.97	100	N813560	2				
318.00	320.00	2.00	1.97	98.5	N813561	2				
320.00	321.00	1.00	1.00	100	N813562	2				
321.00	322.15	1.15	1.10	95.7	N813563	2				
					N813564	2				Quarter Duplicate
322.15	325.22	3.07	3.07	100	N813565	2				
325.22	328.27	3.05	3.05	100	N813566	2				
328.27	331.32	3.05	3.05	100	N813567	2				
					N813568	2				Klaza STD-1
331.32	334.37	3.05	3.05	100	N813569	2				
334.37	336.40	2.03	2.03	100	N813570	2				
336.40	338.80	2.40	2.40	100	N813571	2				
338.80	339.80	1.00	1.00	100	N813572	2				
339.80	341.00	1.20	1.20	100	N813573	2				
341.00	343.35	2.35	2.35	100	N813574	2				
					N813575	2				Blank
343.35	345.43	2.08	2.08	100	N813576	2				
345.43	348.04	2.61	2.61	100	N813577	2				
348.04	350.57	2.53	2.53	100	N813578	2				
350.57	351.57	1.00	1.00	100	N813579	2				
					N813580	2				Blank
351.57	352.67	1.10	1.10	100	N813581	2				
352.67	355.30	2.63	2.63	100	N813582	2				
355.30	356.65	1.35	1.35	100	N813583	2				
356.65	358.20	1.55	1.55	100	N813584	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
358.20	361.50	3.30	3.20	97	N813585	2				
361.50	362.50	1.00	1.00	100	N813586	2				
					N813587	2				Klaza STD-2
362.50	363.50	1.00	1.00	100	N813588	2				
363.50	364.70	1.20	1.20	100	N813589	2				
364.70	365.28	0.58	1.58	272	N813590	2				
365.28	368.40	3.12	2.10	67.3	N813591	2				
368.40	370.60	2.20	2.15	97.7	N813592	2				
370.60	373.65	3.05	3.05	100	N813593	2				
					N813594	2				Coarse reject duplicate
373.65	376.75	3.10	3.10	100	N813595	3				
376.75	379.65	2.90	2.90	100	N813596	3				
					N813597	3				Klaza STD-2
379.65	382.20	2.55	2.50	98	N813598	3				
382.20	383.20	1.00	1.00	100	N813599	3				
					N813600	3				Blank
383.20	385.55	2.35	2.35	100	N813601	3				
385.55	386.55	1.00	1.00	100	N813602	3				
386.55	389.23	2.68	2.68	100	N813603	3				
389.23	392.28	3.05	3.05	100	N813604	3				
392.28	394.40	2.12	2.10	99.1	N813605	3				
394.40	396.25	1.85	1.65	89.2	N813606	3				
396.25	397.25	1.00	1.00	100	N813607	3				
397.25	399.30	2.05	2.00	97.6	N813608	3				
399.30	401.42	2.12	2.12	100	N813609	3				
					N813610	3				Coarse reject duplicate
401.42	404.47	3.05	3.05	100	N813611	3				
404.47	406.12	1.65	1.65	100	N813612	3				
406.12	407.90	1.78	1.78	100	N813613	3				
407.90	408.90	1.00	1.00	100	N813614	3				
408.90	410.57	1.67	1.67	100	N813615	3				
					N813616	3				Quarter duplicate
410.57	413.61	3.04	3.04	100	N813617	3				
413.61	416.33	2.72	2.68	98.5	N813618	3				
416.33	417.33	1.00	0.86	86	N813619	3				Rubbly
					N813620	3				Klaza STD-3
417.33	419.15	1.82	1.75	96.2	N813621	3				
419.15	420.79	1.64	1.60	97.6	N813622	3				
420.79	421.94	1.15	1.13	98.3	N813623	3				
421.94	423.05	1.11	1.11	100	N813624	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
423.05	424.05	1.00	0.96	96	N813625	3				
424.05	426.13	2.08	2.08	100	N813626	3				
426.13	427.39	1.26	1.19	94.4	N813627	3				
427.39	428.43	1.04	1.03	99	N813628	3				
					N813629	3				Blank
428.43	430.33	1.90	1.89	99.5	N813630	3				
430.33	431.38	1.05	1.05	100	N813631	4				
431.38	433.22	1.84	1.84	100	N813632	4				
433.22	434.28	1.06	1.02	96.2	N813633	4				
					N813634	4				Klaza STD-3
434.28	435.32	1.04	1.04	100	N813635	4				
435.32	436.67	1.35	1.31	97	N813636	4				
436.67	438.27	1.60	1.60	100	N813637	4				
438.27	439.27	1.00	0.97	97	N813638	4				
439.27	440.33	1.06	1.03	97.2	N813639	4				
440.33	443.07	2.74	2.51	91.6	N813640	4				
443.07	444.07	1.00	0.92	92	N813641	4				
444.07	445.10	1.03	1.03	100	N813642	4				
					N813643	4				Quarter Duplicate
445.10	447.14	2.04	2.03	99.5	N813644	4				
					N813645	4				Blank
447.14	448.94	1.80	1.75	97.2	N813646	4				
448.94	450.00	1.06	1.06	100	N813647	4				
450.00	452.16	2.16	1.89	87.5	N813648	4				
452.16	453.24	1.08	1.08	100	N813649	4				
					N813650	4				Coarse reject duplicate
453.24	455.30	2.06	2.07	100	N813651	4				
					N813652	4				Blank
455.30	456.41	1.11	0.96	86.5	N813653	4				Rubbly
456.41	457.75	1.34	1.34	100	N813654	4				
457.75	459.06	1.31	1.31	100	N813655	4				
459.06	460.24	1.18	1.17	99.2	N813656	4				
460.24	461.56	1.32	1.27	96.2	N813657	4				
					N813658	4				Klaza STD-2
461.56	462.89	1.33	1.18	88.7	N813659	4				
462.89	463.99	1.10	1.08	98.2	N813660	4				
463.99	465.63	1.64	1.64	100	N813661	4				
465.63	466.71	1.08	1.04	96.3	N813662	4				
466.71	468.48	1.77	1.72	97.2	N813663	4				
468.48	471.18	2.70	2.59	95.9	N813664	4				
471.18	472.66	1.48	1.47	99.3	N813665	4				
472.66	475.38	2.72	2.72	100	N813666	4				
475.38	476.45	1.07	1.07	100	N813667	3				This tag is inserted from KL-12-87 Batch 3 (13th sample of batch 3)

KLAZA

Hole: DDH-KL-12-51 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
230.00	230.73	0.73	0.73	100	0.00	0		2	1S	1W	
230.73	233.78	3.05	2.98	98	0.61	20		1	1S	1W	
233.78	236.83	3.05	3.00	98	1.98	65		2	3S	1W	
236.83	239.88	3.05	2.87	94	1.47	48		2	4S	1W	
239.88	242.93	3.05	2.97	97	1.56	51		2	2S	1W	
242.93	245.97	3.04	3.27	108	0.93	31		2	1S	1W	
245.97	249.02	3.05	3.00	98	1.41	46		2	5S	1W	
249.02	252.07	3.05	3.05	100	2.76	90		2	5S	1W	
252.07	255.12	3.05	3.00	98	0.57	19		1	0S	1W	
255.12	258.17	3.05	2.94	96	0.57	19		2	1S	1W	
258.17	261.21	3.04	3.00	99	1.33	44		2	4S	1W	
261.21	264.26	3.05	3.05	100	2.53	83		2	5S	1W	
264.26	267.31	3.05	3.00	98	2.53	83		2	5S	1W	
267.31	270.36	3.05	3.05	100	2.12	70		2	3S	1W	
270.36	273.41	3.05	3.00	98	1.28	42		2	4S	2W	
273.41	276.45	3.04	2.98	98	0.56	18		2	4S	2W	
276.45	279.50	3.05	3.05	100	0.35	11		2	4S	1W	
279.50	282.55	3.05	2.70	89	0.60	20		1	2S	3W	
282.55	285.60	3.05	3.05	100	0.25	8		1	3S	3W	
285.60	288.65	3.05	3.05	100	0.77	25		2	5S	2W	
288.65	291.69	3.04	3.04	100	1.26	41		2	3S	1W	
291.69	294.74	3.05	3.03	99	0.77	25		1	5S	2W	
294.74	297.79	3.05	3.05	100	0.45	14.75		2	4S	2W	
297.79	300.84	3.05	3.05	100	0.56	18.36		2	1S	3W	
300.84	303.89	3.05	3.05	100	1.32	43.28		2	4S	1W	
303.89	306.93	3.04	3.04	100	1.45	47.7		2	3S	1W	
306.93	309.98	3.05	2.93	96.1	1.45	47.54		2	5S	1W	
309.98	313.03	3.05	3.05	100	2.26	74.1		2	4S	1W	
313.03	316.08	3.05	3.05	100	2.37	77.7		2	4S	1W	
316.08	319.13	3.05	3.03	99.3	1.50	49.18		2	5S	1W	
319.13	322.17	3.04	3.04	100	0.42	13.82		2	4S	2W	
322.17	325.22	3.05	3.05	100	1.57	51.48		2	4S	1W	
325.22	328.27	3.05	3.05	100	1.49	48.85		2	4S	1W	
328.27	331.32	3.05	3.05	100	1.49	48.85		2	3S	1W	
331.32	334.37	3.05	3.05	100	1.55	50.82		2	4S	1W	
334.37	337.41	3.04	3.03	99.7	1.66	54.61		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
337.41	340.46	3.05	3.05	100	2.33	76.39		2	4S	1W	
340.46	343.51	3.05	3.05	100	1.75	57.38		2	3S	2W	
343.51	346.56	3.05	3.05	100	1.47	48.2		2	4S	2W	
346.56	349.61	3.05	3.05	100	1.95	63.93		2	4S	1W	
349.61	352.65	3.04	3.04	100	0.95	31.25		2	3S	1W	
352.65	355.70	3.05	3.05	100	1.44	47.21		2	4S	2W	
355.70	358.75	3.05	3.05	100	0.95	31.15		1	2S	3W	
358.75	361.80	3.05	2.94	96.4	1.55	50.82		2	2S	1W	
361.80	364.85	3.05	3.05	100	1.42	46.56		2	4S	1W	
364.85	367.89	3.04	3.04	100	1.22	40.13		1	2S	3W	
367.89	370.94	3.05	2.90	95.1	0.40	13.11		2	4S	3W	
370.94	373.99	3.05	2.84	93.1	1.62	53.11		2	3S	2W	
373.99	377.04	3.05	3.05	100	1.22	40		2	3S	2W	
377.04	380.09	3.05	3.05	100	0.35	11.48		2	3S	1W	
380.09	383.13	3.04	2.80	92.1	0.40	13.16		2	3S	2W	
383.13	386.18	3.05	3.05	100	1.24	40.66		2	3S	1W	
386.18	389.23	3.05	3.05	100	1.48	48.52		2	4S	1W	
389.23	392.28	3.05	3.00	98.4	0.41	13.44		1	3S	4W	
392.28	395.33	3.05	3.00	98.4	0.30	9.836		1	2S	3W	
395.33	398.37	3.04	2.95	97	1.41	46.38		2	2S	3W	
398.37	401.42	3.05	3.05	100	1.55	50.82		2	3S	1W	
401.42	404.47	3.05	2.98	97.7	1.20	39.34		2	3S	1W	
404.47	407.52	3.05	3.05	100	1.61	52.79		2	4S	1W	
407.52	410.57	3.05	3.05	100	1.72	56.39		2	4S	1W	
410.57	413.61	3.04	2.97	97.7	1.68	55.26		2	4S	2W	
413.61	416.67	3.06	2.92	95.4	0.40	13.07		2	3S	1W	
416.67	419.71	3.04	2.90	95.4	1.30	42.76		2	4S	2W	
419.71	422.76	3.05	3.05	100	0.63	20.66		1	1S	3W	
422.76	425.81	3.05	2.99	98	1.47	48.2		2	3S	2W	
425.81	428.85	3.04	3.04	100	2.05	67.43		2	4S	1W	
428.85	431.90	3.05	3.05	100	1.87	61.31		2	2S	2W	
431.90	434.95	3.05	2.95	96.7	1.72	56.39		2	3S	1W	
434.95	438.00	3.05	3.01	98.6	1.63	53.37		2	4S	1W	
438.00	441.05	3.05	2.80	91.9	0.74	24.29		2	2S	3W	
441.05	444.09	3.04	3.04	100	2.24	73.68		2	3S	1W	
444.09	447.14	3.05	3.02	99	1.12	36.72		2	3S	2W	
447.14	450.19	3.05	3.02	99	0.90	29.51		1	2S	4W	
450.19	453.24	3.05	2.81	92.1	0.56	18.36		2	1S	3W	
453.24	456.29	3.05	2.86	93.8	0.58	19.02		1	1S	4W	
456.29	459.33	3.04	3.05	100	0.82	26.97		1	2S	3W	
459.33	462.38	3.05	2.87	94.1	0.94	30.82		2	3S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
462.38	465.43	3.05	3.05	100	1.42	46.56		2	2S	3W	
465.43	468.48	3.05	3.01	98.7	1.74	57.05		2	2S	2W	
468.48	471.53	3.05	2.83	92.8	1.22	40		2	3S	1W	
471.53	474.57	3.04	3.05	100	2.18	71.71		2	3S	1W	
474.57	477.62	3.05	3.03	99.3	1.56	51.15		2	3S	1W	
477.62	480.67	3.05	2.73	89.5	1.09	35.74		2	3S	1W	
480.67	483.72	3.05	2.92	95.7	2.09	68.52		2	3S	1W	
483.72	486.77	3.05	1.47	48.2	1.24	40.66		2	3S	1W	EOH

KLAZA

Hole: DDH-KL-12-51 **Tech Name:** Tory/Jamie **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
230.00	230.73	0.73	-	-	-	-	-	-	
230.73	233.78	3.05	-	-	-	-	-	-	rubble
233.78	236.83	3.05	45.00	0.50	1.00	2.00	2R	1W	very competent
236.83	239.88	3.05	45.00	0.40	1.00	2.00	3R	1W	
239.88	242.93	3.05	50.00	0.25	0.00	2.00	2R	1W	
242.93	245.97	3.04	60.00	0.50	0.00	2.00	3R	1W	
245.97	249.02	3.05	70.00	0.60	1.00	2.00	2R	1W	Additional joint sets: 50,0.50,0,2,2R,1W
249.02	252.07	3.05	45.00	0.20	0.00	2.00	2R	1W	Additional joint sets: 60,0.50,0,3,3R,1W
252.07	255.12	3.05	45.00	0.25	0.00	2.00	3R	1W	
255.12	258.17	3.05	45.00	0.20	0.00	2.00	3R	1W	
258.17	261.21	3.04	45.00	0.30	0.00	2.00	3R	1W	
261.21	264.26	3.05	40.00	0.30	0.00	2.00	3R	1W	Additional joint sets: 70,0.60,0,1,3R,1W
264.26	267.31	3.05	75.00	0.70	0.00	2.00	2R	1W	
267.31	270.36	3.05	45.00	0.30	1.00	3.00	3R	1W	
270.36	273.41	3.05	35.00	0.45	2.00	3.00	3R	1W	
273.41	276.45	3.04	40.00	0.35	5.00	2.00	3R	2W	
276.45	279.50	3.05	50.00	0.35	2.00	2.00	3R	1W	
279.50	282.55	3.05	35.00	0.15	0.00	1.00	3R	1W	
282.55	285.60	3.05	-	-	-	-	-	-	Rubble
285.60	288.65	3.05	50.00	0.65	3.00	2.00	3R	2W	
288.65	291.69	3.04	50.00	0.60	10.00	2.00	3R	2W	
291.69	294.74	3.05	-	-	-	-	-	-	
294.74	297.79	3.05	40.00	0.40	5.00	2.00	3R	1W	
297.79	300.84	3.05	50.00	0.50	2.00	3.00	3R	1W	
300.84	303.89	3.05	45.00	0.25	1.00	2.00	3R	1W	
303.89	306.93	3.04	35.00	0.60	0.00	2.00	3R	1W	
306.93	309.98	3.05	10.00	1.00	0.00	3.00	3R	1W	
309.98	313.03	3.05	40.00	0.30	5.00	1.00	3R	1W	
313.03	316.08	3.05	40.00	1.00	0.00	1.00	3R	1W	
316.08	319.13	3.05	40.00	0.30	2.00	2.00	3R	1W	
319.13	322.17	3.04	45.00	0.20	3.00	2.00	3R	1W	
322.17	325.22	3.05	50.00	0.15	0.00	2.00	3R	1W	
325.22	328.27	3.05	-	-	-	-	-	-	
328.27	331.32	3.05	50.00	0.45	1.00	2.00	3R	1W	
331.32	334.37	3.05	55.00	0.40	3.00	2.00	3R	1W	
334.37	337.41	3.04	50.00	0.50	4.00	2.00	3R	1W	
337.41	340.46	3.05	50.00	0.80	2.00	2.00	3R	1W	
340.46	343.51	3.05	70.00	0.10	5.00	2.00	3R	1W	

KLAZA

343.51	346.56	3.05	35.00	0.35	2.00	3.00	3R	1W	
346.56	349.61	3.05	40.00	0.40	2.00	2.00	3R	1W	
349.61	352.65	3.04	60.00	0.50	2.00	2.00	3R	1W	
352.65	355.70	3.05	60.00	0.25	5.00	1.00	3R	1W	
355.70	358.75	3.05	50.00	0.25	3.00	3.00	3R	2W	
358.75	361.80	3.05	50.00	0.07	0.00	2.00	3R	1W	
361.80	364.85	3.05	50.00	0.20	3.00	2.00	3R	2W	
364.85	367.89	3.04	55.00	0.15	1.00	3.00	3R	2W	
367.89	370.94	3.05	-	-	-	-	-	-	
370.94	373.99	3.05	-	-	-	-	-	-	
373.99	377.04	3.05	30.00	0.15	10.00	3.00	3R	2W	
377.04	380.09	3.05	-	-	-	-	-	-	
380.09	383.13	3.04	40.00	0.10	0.00	2.00	3R	1W	
383.13	386.18	3.05	50.00	0.25	1.00	2.00	3R	1W	
386.18	389.23	3.05	55.00	0.30	3.00	2.00	3R	2W	
389.23	392.28	3.05	50.00	0.10	5.00	2.00	1R	2W	
392.28	395.33	3.05	-	-	-	-	-	-	
395.33	398.37	3.04	70.00	0.45	0.00	2.00	3R	1W	
398.37	401.42	3.05	75.00	0.10	2.00	2.00	3R	1W	
401.42	404.47	3.05	30.00	0.40	7.00	3.00	3R	1W	
404.47	407.52	3.05	-	-	-	-	-	-	
407.52	410.57	3.05	40.00	0.40	2.00	1.00	3R	1W	
410.57	413.61	3.04	35.00	0.20	2.00	2.00	3R	1W	
413.61	416.67	3.06	30.00	0.15	0.00	2.00	3R	1W	
416.67	419.71	3.04	-	-	-	-	-	-	
419.71	422.76	3.05	60.00	0.15	3.00	3.00	3R	1W	
422.76	425.81	3.05	50.00	0.15	4.00	3.00	3R	1W	
425.81	428.85	3.04	75.00	0.20	0.00	2.00	3R	1W	Additional joint sets: 40,0.15,0,2,3R,1W
428.85	431.90	3.05	45.00	0.15	3.00	2.00	3R	1W	
431.90	434.95	3.05	60.00	0.10	0.00	2.00	3R	1W	
434.95	438.00	3.05	-	-	-	-	-	-	
438.00	441.05	3.05	-	-	-	-	-	-	
441.05	444.09	3.04	35.00	0.30	0.00	2.00	3R	1W	
444.09	447.14	3.05	-	-	-	-	-	-	
447.14	450.19	3.05	50.00	0.30	10.00	2.00	3R	2W	
450.19	453.24	3.05	-	-	-	-	-	-	
453.24	456.29	3.05	-	-	-	-	-	-	
456.29	459.33	3.04	60.00	0.15	0.00	3.00	3R	1W	
459.33	462.38	3.05	45.00	0.10	2.00	2.00	3R	2W	
462.38	465.43	3.05	50.00	0.50	3.00	2.00	3R	2W	
465.43	468.48	3.05	60.00	0.30	4.00	2.00	3R	2W	
468.48	471.53	3.05	50.00	0.30	0.00	2.00	3R	1W	
471.53	474.57	3.04	30.00	0.40	2.00	2.00	2R	1W	Additional joint sets: 60,0.70,0,2,3R,1W
474.57	477.62	3.05	45.00	0.60	0.00	2.00	3R	1W	Additional joint sets: 65,0.30,0,2,3R,1W
477.62	480.67	3.05	85.00	0.40	0.00	3.00	3R	1W	
480.67	483.72	3.05	65.00	0.20	0.00	2.00	2R	1W	
483.72	486.77	3.05	65.00	0.15	0.00	2.00	2R	1W	EOH

KLAZA

Hole: DDH-KL-12-51 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing- continued drilling from last years hole
2.00	n/a	casing
3.00	n/a	casing
4.00	n/a	casing
5.00	n/a	casing
6.00	n/a	casing
7.00	n/a	casing
8.00	n/a	casing
9.00	n/a	casing
10.00	n/a	casing
11.00	n/a	casing
12.00	n/a	casing
13.00	n/a	casing
14.00	n/a	casing
15.00	n/a	casing
16.00	n/a	casing
17.00	n/a	casing
18.00	n/a	casing
19.00	n/a	casing
20.00	n/a	casing
21.00	n/a	casing
22.00	n/a	casing
23.00	n/a	casing
24.00	n/a	casing
25.00	n/a	casing
26.00	n/a	casing
27.00	n/a	casing
28.00	n/a	casing
29.00	n/a	casing
30.00	n/a	casing
31.00	n/a	casing
32.00	n/a	casing
33.00	n/a	casing
34.00	n/a	casing
35.00	n/a	casing
36.00	n/a	casing
37.00	n/a	casing
38.00	n/a	casing
39.00	n/a	casing
40.00	n/a	casing

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
41.00	n/a	casing
42.00	n/a	casing
43.00	n/a	casing
44.00	n/a	casing
45.00	n/a	casing
46.00	n/a	casing
47.00	n/a	casing
48.00	n/a	casing
49.00	n/a	casing
50.00	n/a	casing
51.00	n/a	casing
52.00	n/a	casing
53.00	n/a	casing
54.00	n/a	casing
55.00	n/a	casing
56.00	n/a	casing
57.00	n/a	casing
58.00	n/a	casing
59.00	n/a	casing
60.00	n/a	casing
61.00	n/a	casing
62.00	n/a	casing
63.00	n/a	casing
64.00	n/a	casing
65.00	n/a	casing
66.00	n/a	casing
67.00	n/a	casing
68.00	n/a	casing
69.00	n/a	casing
70.00	n/a	casing
71.00	n/a	casing
72.00	n/a	casing
73.00	n/a	casing
74.00	n/a	casing
75.00	n/a	casing
76.00	n/a	casing
77.00	n/a	casing
78.00	n/a	casing
79.00	n/a	casing
80.00	n/a	casing
81.00	n/a	casing

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
82.00	n/a	casing
83.00	n/a	casing
84.00	n/a	casing
85.00	n/a	casing
86.00	n/a	casing
87.00	n/a	casing
88.00	n/a	casing
89.00	n/a	casing
90.00	n/a	casing
91.00	n/a	casing
92.00	n/a	casing
93.00	n/a	casing
94.00	n/a	casing
95.00	n/a	casing
96.00	n/a	casing
97.00	n/a	casing
98.00	n/a	casing
99.00	n/a	casing
100.00	n/a	casing
101.00	n/a	casing
102.00	n/a	casing
103.00	n/a	casing
104.00	n/a	casing
105.00	n/a	casing
106.00	n/a	casing
107.00	n/a	casing
108.00	n/a	casing
109.00	n/a	casing
110.00	n/a	casing
111.00	n/a	casing
112.00	n/a	casing
113.00	n/a	casing
114.00	n/a	casing
115.00	n/a	casing
116.00	n/a	casing
117.00	n/a	casing
118.00	n/a	casing
119.00	n/a	casing
120.00	n/a	casing
121.00	n/a	casing
122.00	n/a	casing

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
123.00	n/a	casing
124.00	n/a	casing
125.00	n/a	casing
126.00	n/a	casing
127.00	n/a	casing
128.00	n/a	casing
129.00	n/a	casing
130.00	n/a	casing
131.00	n/a	casing
132.00	n/a	casing
133.00	n/a	casing
134.00	n/a	casing
135.00	n/a	casing
136.00	n/a	casing
137.00	n/a	casing
138.00	n/a	casing
139.00	n/a	casing
140.00	n/a	casing
141.00	n/a	casing
142.00	n/a	casing
143.00	n/a	casing
144.00	n/a	casing
145.00	n/a	casing
146.00	n/a	casing
147.00	n/a	casing
148.00	n/a	casing
149.00	n/a	casing
150.00	n/a	casing
151.00	n/a	casing
152.00	n/a	casing
153.00	n/a	casing
154.00	n/a	casing
155.00	n/a	casing
156.00	n/a	casing
157.00	n/a	casing
158.00	n/a	casing
159.00	n/a	casing
160.00	n/a	casing
161.00	n/a	casing
162.00	n/a	casing
163.00	n/a	casing

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
164.00	n/a	casing
165.00	n/a	casing
166.00	n/a	casing
167.00	n/a	casing
168.00	n/a	casing
169.00	n/a	casing
170.00	n/a	casing
171.00	n/a	casing
172.00	n/a	casing
173.00	n/a	casing
174.00	n/a	casing
175.00	n/a	casing
176.00	n/a	casing
177.00	n/a	casing
178.00	n/a	casing
179.00	n/a	casing
180.00	n/a	casing
181.00	n/a	casing
182.00	n/a	casing
183.00	n/a	casing
184.00	n/a	casing
185.00	n/a	casing
186.00	n/a	casing
187.00	n/a	casing
188.00	n/a	casing
189.00	n/a	casing
190.00	n/a	casing
191.00	n/a	casing
192.00	n/a	casing
193.00	n/a	casing
194.00	n/a	casing
195.00	n/a	casing
196.00	n/a	casing
197.00	n/a	casing
198.00	n/a	casing
199.00	n/a	casing
200.00	n/a	casing
201.00	n/a	casing
202.00	n/a	casing
203.00	n/a	casing
204.00	n/a	casing

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
205.00	n/a	casing
206.00	n/a	casing
207.00	n/a	casing
208.00	n/a	casing
209.00	n/a	casing
210.00	n/a	casing
211.00	n/a	casing
212.00	n/a	casing
213.00	n/a	casing
214.00	n/a	casing
215.00	n/a	casing
216.00	n/a	casing
217.00	n/a	casing
218.00	n/a	casing
219.00	n/a	casing
220.00	n/a	casing
221.00	n/a	casing
222.00	n/a	casing
223.00	n/a	casing
224.00	n/a	casing
225.00	n/a	casing
226.00	n/a	casing
227.00	n/a	casing
228.00	n/a	casing
229.00	n/a	casing
230.00	n/a	casing
231.00	19.2	
232.00	1.4	
233.00	15.6	
234.00	2.01	
235.00	0.36	
236.00	0.53	
237.00	0.67	
238.00	1.06	
239.00	4.28	
240.00	1.04	
241.00	8.5	
242.00	3.4	
243.00	0.8	
244.00	0.23	
245.00	0.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
246.00	0.69	
247.00	2.01	
248.00	10.8	
249.00	0.4	
250.00	0.89	
251.00	0.62	
252.00	0.71	
253.00	0.54	
254.00	0.43	
255.00	0.54	
256.00	0.31	
257.00	0.51	
258.00	0.6	
259.00	0.53	
260.00	0.62	
261.00	0.34	
262.00	0.54	
263.00	0.53	
264.00	0.64	
265.00	0.62	
266.00	5.19	
267.00	0.45	
268.00	0.51	
269.00	0.73	
270.00	0.18	
271.00	0.62	
272.00	0.95	
273.00	1.19	
274.00	0.84	
275.00	5.57	
276.00	0.77	
277.00	1.02	
278.00	20.1	
279.00	0.62	
280.00	0.75	
281.00	0.31	
282.00	0.38	
283.00	0.31	
284.00	0.33	
285.00	0.48	
286.00	0.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
287.00	0.57	
288.00	0.16	
289.00	0.9	
290.00	11	
291.00	0.73	
292.00	0.36	
293.00	0.82	
294.00	20.8	
295.00	3.72	
296.00	2.94	
297.00	0.63	
298.00	0.99	
299.00	0.7	
300.00	0.3	
301.00	0.2	
302.00	0.16	
303.00	0.38	
304.00	0.55	
305.00	0.45	
306.00	0.52	
307.00	3.89	
308.00	1.15	
309.00	41.4	
310.00	38.6	
311.00	12	
312.00	0.78	
313.00	0.95	
314.00	29.4	
315.00	26.8	
316.00	7	
317.00	22.7	
318.00	14.8	
319.00	13.4	
320.00	1.22	
321.00	0.62	
322.00	0.65	
323.00	1.09	
324.00	1.96	
325.00	2.99	
326.00	0.82	
327.00	0.6	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
328.00	0.87	
329.00	0.68	
330.00	0.87	
331.00	3.56	
332.00	19.2	
333.00	13.3	
334.00	1.34	
335.00	7.87	
336.00	0.82	
337.00	0.36	
338.00	1.34	
339.00	0.33	
340.00	0.52	
341.00	0.7	
342.00	0.08	
343.00	0.48	
344.00	0.62	
345.00	0.97	
346.00	8.38	
347.00	10.4	
348.00	1.09	
349.00	0.99	
350.00	0.33	
351.00	0.55	
352.00	0.38	
353.00	0.28	
354.00	0.31	
355.00	0.58	
356.00	0.4	
357.00	0.35	
358.00	0.23	
359.00	0.52	
360.00	3.78	
361.00	0.8	
362.00	0.5	
363.00	14.7	
364.00	0.73	
365.00	0.58	
366.00	0.36	
367.00	0.16	
368.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
369.00	0.15	
370.00	0.2	
371.00	0.11	
372.00	0.58	
373.00	0.6	
374.00	0.5	
375.00	7.52	
376.00	1.91	
377.00	0.52	
378.00	0.68	
379.00	0.72	
380.00	5.98	
381.00	15.1	
382.00	0.99	
383.00	0.43	
384.00	0.48	
385.00	0.52	
386.00	0.9	
387.00	11.9	
388.00	4.65	
389.00	0.85	
390.00	0.3	
391.00	0.2	
392.00	0.18	
393.00	0.36	
394.00	0.26	
395.00	0.47	
396.00	0.42	
397.00	0.58	
398.00	0.31	
399.00	0.3	
400.00	0.28	
401.00	0.1	
402.00	0.4	
403.00	4.85	
404.00	0.52	
405.00	0.18	
406.00	0.1	
407.00	0.08	
408.00	0.11	
409.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
410.00	0.57	
411.00	24.4	
412.00	0.31	
413.00	0.15	
414.00	0.13	
415.00	7.02	
416.00	0.38	
417.00	0.4	
418.00	0.35	
419.00	0.18	
420.00	0.38	
421.00	0.11	
422.00	0.11	
423.00	0.18	
424.00	0.28	
425.00	0.28	
426.00	0.11	
427.00	0.08	
428.00	0.13	
429.00	0.06	
430.00	0.15	
431.00	0.2	
432.00	0.3	
433.00	0.4	
434.00	0.1	
435.00	0.21	
436.00	0.23	
437.00	0.08	
438.00	0.2	
439.00	0.15	
440.00	0.11	
441.00	0.05	
442.00	0.26	
443.00	0.13	
444.00	11.2	
445.00	1.76	
446.00	8.95	
447.00	0.35	
448.00	0.53	
449.00	0.52	
450.00	0.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
451.00	0.23	
452.00	0.23	
453.00	0.23	
454.00	0.2	
455.00	0.47	
456.00	0.13	
457.00	0.33	
458.00	0.26	
459.00	0.42	
460.00	0.26	
461.00	0.26	
462.00	0.33	
463.00	0.42	
464.00	0.1	
465.00	0.42	
466.00	0.52	
467.00	24.1	
468.00	9.66	
469.00	0.95	
470.00	0.31	
471.00	0.35	
472.00	0.78	
473.00	0.82	
474.00	0.52	
475.00	0.43	
476.00	0.23	
477.00	0.25	
478.00	0.26	
479.00	0.2	
480.00	0.23	
481.00	0.21	
482.00	0.35	
483.00	0.21	
484.00	0.21	
485.00	0.3	
486.00	0.16	

EOH

KLAZA

Hole: **DDH-KL-12-51** **Date:**

Box #	From (m)	To (m)
1	230.00	233.59
2	233.59	237.52
3	237.52	241.55
4	241.55	245.15
5	245.15	248.92
6	248.92	252.74
7	252.74	256.07
8	256.07	259.49
9	259.49	263.45
10	263.45	267.31
11	267.31	270.98
12	270.98	274.73
13	274.73	278.73
14	278.73	282.41
15	282.41	285.97
16	285.97	289.67
17	289.67	293.27
18	293.27	296.90
19	296.90	299.86
20	299.86	303.89
21	303.89	307.70
22	307.70	312.03
23	312.03	315.95
24	315.95	319.70
25	319.70	323.44
26	323.44	327.60
27	327.60	331.51
28	331.51	335.40
29	335.40	339.41
30	339.41	343.51
31	343.51	347.24
32	347.24	351.38
33	351.38	355.43
34	355.43	359.17
35	359.17	363.00
36	363.00	366.82
37	366.82	370.14
38	370.14	373.99
39	373.99	378.10
40	378.10	381.98

KLAZA

41	381.98	385.92
42	385.92	389.80
43	389.80	393.30
44	393.30	396.79
45	396.79	401.46
46	401.46	404.47
47	404.47	408.57
48	408.57	412.42
49	412.42	416.33
50	416.33	420.00
51	420.00	423.38
52	423.38	427.39
53	427.39	431.28
54	431.28	434.95
55	434.95	439.07
56	439.07	443.23
57	443.23	447.07
58	447.07	450.80
59	450.80	454.49
60	454.49	457.85
61	457.85	461.63
62	461.63	465.51
63	465.51	469.73
64	469.73	473.66
65	473.66	477.46
66	477.46	481.23
67	481.23	486.00
68	486.00	486.77

EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383061.68	6889844.6	1392.64	268.83

SECTION:

HOLE: DDH-KL-12-64

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 7-9, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	18.89	18.89	OVB	Overburden and casing
18.89	47.45	28.56	GRD	Intense phyllic alteration in granodiorite
47.45	55.80	8.35	GRD	Moderate-intense propyllitic alteration
55.80	56.60	0.80	FEL	Quartz feldspar porphyry dyke
56.60	60.46	3.86	GRD	Moderate propyllitic alteration of granodiorite
60.46	60.74	0.28	VEN	Thick quartz sulphide vein
60.74	70.80	10.06	GRD	Moderate propyllitic alteration of granodiorite
70.80	88.87	18.07	GRD	Weak-moderate phyllic alteration of granodiorite
88.87	89.85	0.98	VEN	Quartz sulphide vein
89.85	125.00	35.15	GRD	Weak-moderate phyllic alteration of granodiorite
125.00	126.33	1.33	VEN	Quartz sulphide vein
126.33	142.50	16.17	GRD	Weak-moderate phyllic alteration of granodiorite
142.50	184.6	42.10	GRD	Moderate propyllitic alteration of granodiorite
184.6	186.52	1.92	VEN	Quartz sulphide vein
186.52	238.8	52.28	GRD	Moderate propyllitic alteration of granodiorite
238.8	239.3	0.50	VEN	Quartz sulphide vein
239.3	267.72	28.42	GRD	Moderate propyllitic alteration of granodiorite
267.72	268.83	1.11	FEL	Quartz feldspar porphyry dyke

SAMPLES

Numbers: N828001 - N828229

Total: 229

Batch: 1 to 7

Date Sent:

Certificate:

COMMENTS

Hole lost due to technical difficulties.

KLAZA

Hole: DDH-KL-12-64 **Logger Name:** 0 **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	18.89	18.89					ovb														obv/casing
18.89	55.80	36.91					grd	mg	Lt	Gn		2i		arg	2i	py		py	1.00		GRD with patchy alteration (ARG, PHC, PRO). More intense weathering and alteration in the top 30m of the hole. Crosscut by small Qz veins. Pervasive Tourmaline throughout.
									Md	Gy				pro	3i			cp	1.00		
														phc	4i			to	1.00		
																		se	1.00		
																		sp	3.00		
			18.89	47.45	28.56		GRD	MG	Lt	Gn		1i		PHC	4i	py		py	1.00		Phyllic alteration envelope: regions of highly silicified GRD, cut by Qz veins.
									Md	Gy				PRO	1i			cp	1.00		
																		to	1.00		
																		se	1.00		
																		sp	3.00		
			47.75	55.80	8.05		GRD	MG	Lt	Gn				PHC	2i	py		py	1.00		Propyllitic alteration envelope: includes patches of argillic, phyllic, and clay/fault gouge. Mottled green-pink (hematite?)
									Md	Pk				PRO	4i			cp	1.00		
																		to	1.00		
																		se	1.00		
																		sp	3.00		
55.80	56.60	0.80					FEL	FG	Md	Gn	Po										Dike of quartz feldspar porphyry. Fine-grained, phenocrysts are 0.5-2mm diameter, feldspar clasts are zoned (transluscent centre, pink rim).
										Gy											
56.60	267.72	211.12					GRD	MG	Lt	Gn				PHC	4i			py	1.00		GRD with patchy propyllitic and phyllic alteration, cut by mineralized/non-mineralized quartz veis. Minor silicified intervals.
									Md	Gy				PRO	3i			to	1.00		
			70.80	76.00	5.20		GRD	MG	Lt	Gn				PHC	3i			py	1.00		Intensely clay gouged/altered GRD. Overall weak-moderate phyllic alteration.
									Md	Gy				CLY	4i			sp	1.00		
			81.80	83.93	2.13		GRD	MG	Lt	Gn				PHC	3i			py	1.00		Moderately clay gouged/altered GRD. Overall weak-moderate phyllic alteration.
									Md	Gy				CLY	3i			sp	1.00		
			102.72	142.50	39.78		GRD	MG	Lt	Gn				PHC	4i			py	1.00		Phyllic alteration envelope, with patches of argillic alteration, and long intervals of
									Md	Gy				PRO	3i			sp	1.00		
			142.50	172.50	30.00		GRD	MG	Lt	Gn				PHC	3i			py	1.00		Propyllytic alteration envelope with patchy phyllic alteration. Quatrz veins with mineralization throughout. Carbonate infills are common. Argillic alteration is patchy from 133-166m. Quartz veinlets with high sulphide content and pyrite blebs are pervasive.
									Md	Gy				PRO	4i			sp	1.00		
			172.50	175.40	2.90		GRD	MG	Lt	Gn	Po			PHC	3i			py	1.00		Argillic alteration envelope grading into phyllic alterationwhich hosts 2 mineralized veins
									Md	Gy				ARG	2i			to	1.00		
			175.40	181.50	6.10		GRD	MG	Lt	Gn	Po			PRO	3i			py	1.00		Propyllytic alteration envelope, with patchy phyllic alteration, crosscut by Quartz veins and veinlets and sulphide stringers.
									Md	Gy				PHC	2i			ca	5.00		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			181.50	190.25	8.75		GRD	MG	Lt	Gn	Po			PHC	3i			Ak	2.00		Phyllic alteration envelope with patchy argillic alteration. Interval is intensely crosscut by carbonate veinlets, and often offset preexisting quartz veins. Quartz veins show netted textures. Disseminated pyrite throughout. Sulphide stringers are common. A mixing zone exists where unit is partially intruded by porphyry quartz feldspar dyke. Dyke is heavily silicified and has a varied contact with the GRD. Contact is sharp to gradational to mixed, indicating the GRD was warm when the dyke intruded, allowing for mixing and blurring of the contact to occur.
									Md	Gy	Di			ARG	2i			As	1.00		
														SIL	2i			Py	2.00		
																		Se	2.00		
			190.25	210.50	20.25		GRD	MG	Lt	Gn	Po			PRO	4i			Py	1.00		Propyllytic alteration envelope crosscut by quartz veins and veinlets. Disseminated pyrite near quartz veins and veinlets. The 198-200.25m interval is clay gouged.
									Md	Gy								To	1.00		
			210.50	230.40	19.90		GRD	MG	Lt	Gn	Po		3i	PHC	3i			Ep	5.00		Moderate to intense phyllic alteration with patchy argillic alteration. 212.45-214m has high Ep/Cl content and veining. 214-214.5m is silica flooded and brecciated.
									Md	Gy	Bx			ARG	3i			Py	2.00		
														PRO	2i			Ca	2.00		
																		Ak	1.00		
																		Cl	3.00		
			230.40	267.72	37.32		GRD	MG	Lt	Gn	Po			PRO	4i			Ca	4.00		Propyllytic GRD with minor clay gouge, cut by an aplite dike. Crosscut by quartz and carbonate veinlets and sulphide stringers.
									Md	Gy				PHC	2i			Py	1.00		
														GO	4i			Se	2.00		
																		Ga	1.00		
																		As	1.00		
267.72	268.83						FEL	FG	Lt	GN								Ca	3.00		Sharp-brecciated contact w/GRD. FEL porphyry dyke. Dyke is cross out by carbonate veinlets. ~30cm of propyllytic GRD is hosted in the dyke, possibly a more resistant GRD as the dyke shows flow banding at the contact.
									Md												
																					EOH

KLAZA

Hole: KL-12-64 **Logger Name: Teri Cruz** **Date: June 8, 2012**

Depth (m)	DESCRIPTION
55.80	Granodiorite to porphyry quartz feldspar dyke. Clay gouge along sharp contact.
56.60	Dyke to granodiorite, clay along sharp contact.
185.00	Granodiorite to porphyry quartz feldspar dyke. Contact is varied and runs approximately 1ℓ° to core axis. Contact is sharp to gradational and mixed, indicating the GRD was sufficiently warm to allow mixing with the dyke.
267.72	Sharp, slightly brecciated contact between GRD and porphyry Qz Fd dyke. EOH 268.83

KLAZA

Hole: KL-12-64 **Logger Name:** Teri Cruz **Date:** June 8, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	19.40	19.41	60.00			Sp	10.00	Quartz vein, honey brown Sphalerite dominated, pyrite blebs and cubes, brown oxidation at vein edges.	
						Py	8.00		
VN	19.99	20.00	40.00			Py	2.00	Sulphide stringers with slight seracite alteration in nearby GRD, netted chalcedony, and fine pyrite throughout.	
						Ch	8.00		
VN	20.65	20.68	20.00			To	35.00	Quartz vein with blebby Tourmaline and disseminated pyrite throughout.	
						Py	1.00		
VN	21.30	21.31	40.00			Ch	99.00	Chalcedonic vein with oxide alteration in small fractures, hosting fine-grained pyrite.	
						Py	2.00		
VN	22.92	22.94	90.00			Sp	20.00	Vuggy, white-transluscent Quartz vein. Rich in sulphides, pyrite and sphalerite most abundant, galena and arsenopyrite are minor. Sphalerite varies from blackjack to honey brown.	
						Py	5.00		
						As	1.00		
						Ga	1.00		
VN	27.13	27.14	80.00			Py	10.00	Chalcedony ribbons around a pyrite-rich centre vein	
VN	27.70	27.90	20.00			Ak	2.00	Quartz combs at the borders, netted texture, minor carbonate (Ankerite/Calcite) veinlets, quartz eyes. Sulphides are concentrated at the centre of the vein. Quartz is smoky and white. Honeybrown sphalerite.	
						Ca	2.00		
						Sp	8.00		
VN	28.40	28.50	40.00			To	10.00	White Quartz vein with tourmaline blebs and disseminated pyrite. Quartz crystals grow perpendicular to vein borders.	
						Py	2.00		
VN	29.40	29.50	50.00		2.00	To	30.00	White Quartz vein with tourmaline blebs and disseminated pyrite. Quartz crystals grow perpendicular to vein borders.	
VN	29.60	29.70	45.00			To	15.00	White Quartz eyes and combs, with interstitial and blebby tourmaline. Calcite rhombs in the quartz, although rare. Minor pyrite and ankerite.	
						Ca	1.00		
						Py	1.00		
						Ak	1.00		
VN	32.41	32.44	30.00			To	15.00	Banded quartz with tourmaline blebs and minor pyrite.	
						Py	1.00		
VN	32.61	33.15	45.00			Se	1.00	Clayey gouge material with minor seracite alteration. Tourmaline blebs remain from the original vein.	
						To	5.00		
VN	37.15	39.86	45.00		5.00	To	30.00	Banded quartz with tourmaline blebs and minor pyrite.	
						Py	2.00		
VN	41.25	41.30	40.00			To	20.00	Milky quartz combs with tourmaline, seracite alteration, and minor quartz eyes.	
						Se	5.00		
VN	46.20	46.26	80.00			Py	20.00	Banded smoky quartz, honey brown sphalerite, calcite veinlets, pyrite is disseminated or blebby.	
VN	50.40	50.41	70.00			Py	80.00	Smoky -clear quartz vein with intense pyrite mineralization. Moderate breakdown of vein material. Minor sphalerite.	
VN	55.60	55.80	60.00			To	10.00	Quartz vein with blebby tourmaline and fine pyrite and calcite interstitial to the quartz.	
VN	56.70	56.80	90.00			To	2.00	Smoky-clear quartz vein, brecciated with some pyrite. Tourmaline is interstitial to quartz.	
VN	57.30	57.50	90.00		2.00	Sp	8.00	Smoky quartz vein with pyrite blebs and honey brown sphalerite and minor disseminated arsenopyrite.	
VN	59.43	59.46	80.00			Sp	5.00	Banded, milky-clear quartz hosting pyrite, honey brown sphalerite, and galena.	
VN	59.63	59.64	80.00			Sp	2.00	Milky white quartz vein hosting pyrite and blackjack sphalerite.	
						Py	3.00		
VN	60.46	60.74	80.00			Sp	10.00	White-clear quartz vein hosting blackjack/honey brown sphalerite and pyrite. Cut by veinlets of calcite. Galena is found in areas of high sulphide content.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	61.36	61.39	80.00			Py	5.00	White-clear quartz vein hosting blackjack/honey brown sphalerite, galena and pyrite.	
VN	64.90	65.00	80.00			Py	10.00	White quartz vein hosting pyrite, blackjack sphalerite, ankerite, and galena. Sulphides are focuesd at the vein centre, with minor arsenopyrite at vein borders.	
						As	1.00		
VN	86.83	87.17	70.00			Sp	30.00	White-clear quartz hosting a blackjack/honeybrown sphalerite veinlet in the centre. Pyrite throughout.	
						Py	5.00		
VN	88.87	89.85	90.00			Py	20.00	Thick quartz vein missing approximately 50% recovery. Pyrite, chalcopyrite, tourmaline, and clay are interstitial to large grains of smoky-clear quartz. Sparkly, aphanitic sulphides are at the borders of the vein.	
						Cp	1.00		
						To	1.00		
VN	90.70	91.04	70.00		2.00	Py	10.00	Clear quartz with sparse tourmaline blebs, pyrite stringers, sphalerite stringers, and crosscut by ankerite veinlets.	
						To	1.00		
						Sp	1.00		
						Ak	1.00		
VN	92.65	93.23	90.00		3.00	Py	20.00	White-clear quartz with indistinct banding. Pyrite blebs and stringers, with minor honeybrown sphalerite and ankerite. Sulphides are interstitial, while pyrite/ankerite stringers crosscut the quartz.	
						Sp	1.00		
						Ak	1.00		
VN	96.25	96.56	75.00		3.00	Py	1.00	Weak quartz veining adjacent to wo 5cm argillic alteration envelopes with minor disseminated pyrite.	
VN	98.30	98.45	90.00			Py	7.00	Chalcedonic quartz vein with prominent banding at the edges, and smoky in the centre. Pyrite and tourmaline are interstitial with pyrite in stringers parallel to the chacedony.	
						To	1.00		
						Ch	30.00		
VN	99.47	100.03	80.00		2.00	Py	1.00	Clear quartz vein with calcite stringers, minor disseminated pyrite, and tourmaline.	
						Ca	1.00		
						To	1.00		
VN	100.45	100.60	90.00			Py	5.00	Clear-white quartz with interstitial pyrite	
VN	103.54	103.63	85.00			Py	10.00	Clear-white, and chalcedonic quartz hosting brecciated blackjack/honey brown sphalerite. Aphanitic sulphide stringers are densely bordered by pyrite. Minor calcite infilling fractures.	
						Sp	5.00		
						Ch	5.00		
VN	106.13	106.52	25.00					Quartz vein rich in aphanitic sulphides. Vein has been weakly clay altered and is incompetent.	
VN	112.02	112.15	90.00			Sp	1.00	White-clear quartz vein hosting interstitial blebs of sphalerite, tourmaline, and pyrite. Quartz "eyes" are common.	
						To	1.00		
						Py	5.00		
VN	123.32	123.90	80.00		5.00	Py	1.00	White-clear quartz vein hosting pyrite, arsenopyrite, and aphanitic sulphide stringers. Quartz is netted in places.	
						As	1.00		
VN	125.00	126.33	90.00			Py	10.00	White-smoky quartz vein with netter ankerite veinlets, aphanitic sulphide stringers crosscutting ankerite veinlets. Quartz vein hots blebby pyrite and arsenopyrite (<1mm-1cm). Vein crosscuts stron phyllic altered GRD.	
						Ak	5.00		
						As	1.00		
VN	126.40	127.30	80.00		3.00	Ak	5.00	Smoky-white-clear quartz vein cut by aphanitic sulphide stringers and ankerite veinlets. Moderately clay altered.	
						Py	1.00		
VN	129.46	129.60	70.00			Se	3.00	Smoky-clear quartz hosting blebby pyrite, minor clay alteration, and seracite development.	
						Py	8.00		
VN	135.20	135.22	80.00			Py	5.00	Smoky-white quartz vein hostin pyrite. Aphanitic sulphide stringers run parallel to the quartz vein.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	137.85	138.25	60.00		5.00	Py	2.00	White quartz vein hosting pyrite, arsenopyrite, and sphalerite. Aphanitic sulphide stringers are common. Netted textures in smaller quartz veinlets.	
						As	1.00		
						Sp	1.00		
VN	139.20	139.50	70.00		4.00	Py	3.00	White-clear quartz vein hosting pyrite, galena, arsenopyrite, and aphanitic sulphide stringers.	
						Ga	1.00		
						As	1.00		
VN	141.40	141.45	70.00			Py	1.00	White quartz vein crosscutting and brecciating sulphide stringers. Hosts minor pyrite.	
VN	142.20	142.50	85.00		7.00	Py	1.00	Clear-white quartz, many small veins and veinlets making a stockwork/netted texture in GRD.	
						As	1.00		
VN	144.30	144.50	70.00		3.00	Py	2.00	White quartz vein hosting sulphide stringers and pyrite.	
VN	147.50	148.20	80.00		3.00	Py	2.00	White quartz vein hosting sulphide stringers and pyrite. Quartz crystals oriented perpendicular to vein edges.	
VT	150.50	171.00	60.00		20.00	Py	1.00	Many closely spaced quartz veinlets, hosting pyrite and sphalerite. Veinlets (1-3mm) are sometimes filled by carbonates.	
						Ak	1.00		
						Sp	1.00		
VN	162.30	162.42	60.00		2.00	Py	5.00	White-smoky quartz with lattice/netted texture, hosting pyrite blebs.	
VN	183.00	183.15	30.00			Py	3.00	Weathered white quartz vein, hosting pyrite, arsenopyrite, and galena. Quartz varies from white to pink. Minor netted carbonate veinlets.	
						As	1.00		
						Ga	1.00		
						Ca	2.00		
VN	184.60	186.52	15.00		2.00	Py	1.00	White quartz vein hosting pyrite, arsenopyrite, and sulphide stringers. Vein is crosscut by calcite veinlets. Veinlets are netted, and offset orlder smoky quartz veins. Minor brecciation and large pyrite blebs.	
						As	1.00		
						Ca	2.00		
						To	1.00		
GO	197.70	200.25	90.00			Se	2.00	Clay gouged propyllytic GRD. Some sugary Se alteration.	
VN	212.70	213.50	70.00		4.00	Py	3.00	White-clear quartz veins hosting pyrite, arsenopyrite, and aphanitic sulphide stringers. Crosscut by calcite veinlets. Quartz and calcite veinlets are netted. More intense epidote surrounding these veins.	
						Ca	1.00		
						As	1.00		
						Ep	5.00		
VN	213.90	214.60	80.00		6.00	Py	5.00	Quartz veins hosting pyrite and arsenopyrite. Cut by aphanitic sulphide stringers and carbonate infills. Silica flooded and brecciated.	
						As	1.00		
						Ca	2.00		
FX	217.50	218.50	5.00			Py	2.00	Fracture filled with grey clay, hosting fine pyrite, arsenopyrite, and galena. Some gouge material where GRD is weaker and broken.	
						As	1.00		
						Ga	1.00		
VN	219.70	220.20	80.00		3.00	Py	2.00	White quartz vein with chalcedony ribbons near borders. Pyrite and arsenic hosted, with seracite along fractures.	
						Se	3.00		
						As	1.00		
VN	220.75	221.40	90.00		2.00	Py	3.00	White-smokey quartz vein hosting disseminated pyrite, sphalerite, and arsenopyrite. Crosscut by ankerite veinlets. Vuggy quartz with sulphide stringers.	
						As	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	1.00		
						Ak	1.00		
VN	227.20	227.30	90.00		2.00	Sp	5.00	White-clear quartz vein hosting sphalerite stringers and disseminated pyrite.	
						Py	1.00		
VN	229.17	229.27	90.00			Sp	4.00	Clear quartz vein with pyrite blebs, disseminated aresnopyrite, blackjack sphalerite blebs, and seracite alteration with clays (likely kaolinite) and limonite staining.	
						Py	3.00		
						As	1.00		
						Se	2.00		
VN	229.30	229.35	90.00			Py	3.00	Clear quartz vein with pyrite blebs/disseminated. Minor netted quartz veinlets.	
VN	238.80	239.30	90.00			Py	3.00	Quartz vein hosting pyrite, arsenic, galena, and sulphide stringers. Weak to moderate seracite alteration. Galena is soft from weathering and alteration.	
						As	1.00		
						Se	5.00		
VN	239.55	239.70	90.00			Py	2.00	Quartz vein hosting disseminated pyrite and arsenopyrite, aphanitic sulphide stringers, and weak seracite alteration.	
						As	1.00		
GO	240.75	247.00	90.00		2.00			Two 1-2m intervals of clay gouge hosting carbonates.	
VN	247.70	247.90	80.00			Py	2.00	White-clear quartz vein hosting pyrite blebs/disseminated and arsenopyrite. Vein is crosscut by aphanitic sulphide stringers.	
						As	1.00		
DY	254.50	254.65	85.00					Green-pink aplite dyke with central smoky quartz veinlet. Crosscut by calcite veinlets.	
VN	257.55	257.65	90.00			Py	10.00	White-clear quartz vein hosting pyrite blebs, sphalerite blebs, and aphanitic sulphide stringers. Crosscut by carbonate veinlets.	
						Sp	5.00		
VN	262.03	263.75	90.00			Py	5.00	White-clear Qz vein hosting pyrite blebs, tourmaline, and minor chalcedony ribbons. Crosscut and parallel to aphanitic sulphide stringers.	
						To	3.00		
VN	266.00	266.50	80.00		3.00	Py	4.00	White-clear Qz vein hosting pyrite. Quartz is pink-stained near vein GRD contacts. Weak netted carbonate veins.	
VN	267.50	267.75	80.00			Py	6.00	White-clear Qz vein hosting disseminated pyrite and arsenopyrite, and blebby pyrite Cut by aphanitic sulphide stringers. EOH	
						As	1.00		

KLAZA

Hole: KL-12-64 **Date:** Teri Cruz

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
56.37	10	6.3	810.5	591.8	FEL	PO					2.600052	3.70599	Dark grey dyke
63.29	9.9	6.3	826.7	611.6	GRD		PRO	3I			2.678809	3.843329	Moderatly propylitic GRD
94	9.8	6.3	826.8	521	GRD	MG	PHC	4I	PY	<1	2.706471	2.703728	Moderatly Strong Phyllic GRD
													with disseminated pryite
103.5	9	6.3	842.8	563.2	GRD	BN	PHC	4I	PY	10	3.004077	3.014306	Smokey/white quartz vein with banded
					VEN	VN			SP	2			white/pink colloform chalcedony veining,
													blebs of blackjack sphalerite, pyrite
													stringers, vuggy (minor), minor netted
													texture in ankerite veinlets.
125.75	9.95	6.3	868.3	642	VEN	BL	PHC	4I	PY	20	2.799469	3.836942	Smokey/white quartz vein with netted
						NT			AS	<3			ankerite veinlets and dark grey quartz?
													and/or aphanitic sulphide stringers
													crosscutting ankerite veinlets. Vein is
													hosting blebby pyrite and arsenopyrite.
													pyrite and arsenopyrite blebs (some
													crystals) range in size form <1mm-1cm.
													Vein cross cuts strong phyillic altered
													grandodiorite.
137	10.1	6.3	848.7	625.1	GRD		PRO	3I			2.69564	3.795617	Moderatly propylitic granodiorite
142	9.7	6.35	871.4	660.8	GRD		PHC	3I	PY	1	2.836668	4.137702	Moderatly phyllic granodiorite with
													disseminated pyrite and milky quartz
													veinlets.
177	9.45	6.35	768.9	569.9	GRD		ARG	3I			2.569217	3.863819	Dominantly argillic altered GRD,
							PHC	2I					with minor phyllic alteration.
187	9.8	6.03	767.1	445.1	GRD		PHC	2I			2.740952	2.382298	Alterations present in equal dominance.
							ARG	2I					
196	10.4	6.03	870.5	538.8	GRD		PRO	3I			2.930967	2.624359	Moderately propyllitic GRD.
228	10	6.03	884.3	558.1	GRD		PHC	3I			3.096529	2.710914	Moderately phyllic GRD.
266.8	9.7	6.3	816.6	504.8	GRD		PRO	2I			2.70064	2.618987	Weak-moderate propyllytic GRD.
267.8	9.6	6.3	803.8	495.8	FEL						2.685999	2.60974	Porphyry Qz Fd dyke
EOH													

KLAZA

DDH-KL-12-64 **Teri Cruz** **Date: June 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
18.89	20.42	1.53	1.53	100	N828001	1				
20.42	23.46	3.04	2.88	94.7	N828002	1				
23.46	26.52	3.06	3.06	100	N828003	1				
26.52	28.50	1.98	1.98	100	N828004	1				
		0.00			N828005	1				Klaza 2
28.50	29.91	1.41	1.41	100	N828006	1				
29.91	31.51	1.60	1.60	100	N828007	1				
		0.00			N828008	1				Duplicate
31.51	33.05	1.54	1.54	100	N828009	1				
33.05	35.66	2.61	2.48	95	N828010	1				
35.66	38.71	3.05	2.87	94.1	N828011	1				
38.71	41.76	3.05	3.03	99.3	N828012	1				
		0.00			N828013	1				Klaza 1
41.76	44.70	2.94	2.94	100	N828014	1				
44.70	45.20	0.50	0.45	90	N828015	1				
45.20	47.06	1.86	0.83	44.6	N828016	1				
		0.00			N828017	1				Blank
47.06	48.09	1.03	0.98	95.1	N828018	1				
48.09	50.90	2.81	2.81	100	N828019	1				
50.90	53.95	3.05	2.99	98	N828020	1				
53.95	54.98	1.03	1.01	98.1	N828021	1				
54.98	55.70	0.72	0.72	100	N828022	1				
55.70	56.46	0.76	0.63	82.9	N828023	1				
56.46	57.46	1.00	0.88	88	N828024	1				
		0.00			N828025	1				Blank
57.46	58.46	1.00	1.00	100	N828026	1				
58.46	60.05	1.59	1.59	100	N828027	1				
60.05	61.14	1.09	1.04	95.4	N828028	1				
61.14	62.21	1.07	1.07	100	N828029	1				
62.21	63.50	1.29	1.29	100	N828030	1				
63.50	64.40	0.90	0.72	80	N828031	1				
64.40	65.40	1.00	1.00	100	N828032	1				
		0.00			N828033	1				Blank
65.40	66.47	1.07	1.07	100	N828034	1				
		0.00			N828035	1				Coarse reject duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
66.47	67.47	1.00	1.00	100	N828036	1				
67.47	68.47	1.00	1.00	100	N828037	2				
68.47	69.17	0.70	0.70	100	N828038	2				
69.17	70.17	1.00	1.03	103	N828039	2				
		0.00			N828040	2				Klaza Standard 1
70.17	70.50	0.33	0.61	185	N828041	2				
70.50	72.00	1.50	0.68	45.3	N828042	2				
72.00	73.00	1.00	0.85	85	N828043	2				
73.00	74.00	1.00	0.79	79	N828044	2				
74.00	75.29	1.29	0.94	72.9	N828045	2				
75.29	76.33	1.04	0.98	94.2	N828046	2				
76.33	77.64	1.31	1.01	77.1	N828047	2				
		0.00			N828048	2				Duplicate
77.64	78.58	0.94	0.94	100	N828049	2				
78.58	79.58	1.00	1.00	100	N828050	2				
79.58	80.50	0.92	0.92	100	N828051	2				
80.50	81.38	0.88	0.79	89.8	N828052	2				
81.38	82.60	1.22	0.78	63.9	N828053	2				
82.60	84.00	1.40	1.28	91.4	N828054	2				
		0.00			N828055	2				Klaza Standard 1
84.00	85.00	1.00	1.00	100	N828056	2				
85.00	86.00	1.00	0.95	95	N828057	2				
		0.00			N828058	2				Coarse reject duplicate
86.00	86.73	0.73	0.73	100	N828059	2				
86.73	87.84	1.11	1.01	91	N828060	2				
87.84	88.84	1.00	1.00	100	N828061	2				
88.84	89.84	1.00	0.51	51	N828062	2				
		0.00			N828063	2				Blank
89.84	91.25	1.41	0.99	70.2	N828064	2				
91.25	92.26	1.01	0.96	95	N828065	2				
92.26	93.26	1.00	0.95	95	N828066	2				
93.26	94.26	1.00	0.96	96	N828067	2				
94.26	95.26	1.00	0.77	77	N828068	2				
		0.00			N828069	2				Blank
95.26	96.39	1.13	1.01	89.4	N828070	2				
96.39	97.33	0.94	0.97	103	N828071	2				
97.33	98.41	1.08	1.05	97.2	N828072	2				Batch 2 end
98.41	99.40	0.99	0.99	100	N828073	3				Batch 3 start
99.40	100.75	1.35	1.09	80.7	N828074	3				
100.75	101.70	0.95	0.94	98.9	N828075	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
101.70	102.72	1.02	0.98	96.1	N828076	3				
		0.00			N828077	3				Duplicate
102.72	103.70	0.98	0.98	100	N828078	3				
103.70	104.65	0.95	0.80	84.2	N828079	3				
104.65	105.63	0.98	0.98	100	N828080	3				
105.63	106.63	1.00	0.86	86	N828081	3				
		0.00			N828082	3				Klaza Standard 2
106.63	107.70	1.07	0.84	78.5	N828083	3				
107.70	108.75	1.05	0.94	89.5	N828084	3				
108.75	109.75	1.00	0.84	84	N828085	3				
109.75	110.75	1.00	0.86	86	N828086	3				
110.75	111.86	1.11	1.09	98.2	N828087	3				
111.86	112.86	1.00	0.97	97	N828088	3				
112.86	113.82	0.96	0.80	83.3	N828089	3				
113.82	114.91	1.09	1.09	100	N828090	3				
114.91	115.87	0.96	0.96	100	N828091	3				
		0.00			N828092	3				Coarse reject duplicate
115.87	116.87	1.00	1.00	100	N828093	3				
116.87	118.22	1.35	1.08	80	N828094	3				
118.22	119.24	1.02	0.91	89.2	N828095	3				
119.24	120.17	0.93	0.93	100	N828096	3				
120.17	121.11	0.94	0.90	95.7	N828097	3				
121.11	122.11	1.00	1.00	100	N828098	3				
122.11	123.32	1.21	1.21	100	N828099	3				
		0.00			N828100	3				Blank
123.32	124.25	0.93	0.93	100	N828101	3				
124.25	125.00	0.75	0.75	100	N828102	3				
125.00	126.33	1.33	1.33	100	N828103	3				Super vein!!
		0.00			N828104	3				Klaza standard 3
126.33	127.30	0.97	0.97	100	N828105	3				
127.30	128.28	0.98	0.98	100	N828106	3				
128.28	129.46	1.18	1.10	93.2	N828107	3				
		0.00			N828108	3				Blank - end 3
129.46	130.44	0.98	0.98	100	N828109	4				start batch 4
130.44	131.44	1.00	0.98	98	N828110	4				
131.44	132.44	1.00	1.00	100	N828111	4				
132.44	133.44	1.00	0.90	90	N828112	4				
		0.00			N828113	4				Klaza standard 2
133.44	134.44	1.00	1.00	100	N828114	4				
134.44	135.44	1.00	0.90	90	N828115	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
135.44	136.44	1.00	0.80	80	N828116	4				
136.44	137.44	1.00	1.00	100	N828117	4				
137.44	138.34	0.90	0.90	100	N828118	4				
138.34	139.14	0.80	0.70	87.5	N828119	4				
		0.00			N828120	4				Duplicate
139.14	140.17	1.03	1.00	97.1	N828121	4				
140.17	141.17	1.00	1.00	100	N828122	4				
141.17	142.18	1.01	0.90	89.1	N828123	4				
142.18	143.23	1.05	0.97	92.4	N828124	4				
143.23	144.28	1.05	0.99	94.3	N828125	4				
144.28	145.40	1.12	1.10	98.2	N828126	4				
145.40	146.39	0.99	0.96	97	N828127	4				
146.39	147.48	1.09	0.98	89.9	N828128	4				
		0.00			N828129	4				Klaza standard 1
147.48	148.72	1.24	1.24	100	N828130	4				
		0.00			N828131	4				Blank
148.72	149.72	1.00	1.00	100	N828132	4				
149.72	150.81	1.09	1.09	100	N828133	4				
150.81	151.92	1.11	1.11	100	N828134	4				
151.92	153.00	1.08	1.08	100	N828135	4				
153.00	154.00	1.00	1.00	100	N828136	4				
		0.00			N828137	4				Coarse reject duplicate
154.00	155.20	1.20	1.20	100	N828138	4				
155.20	156.20	1.00	1.00	100	N828139	4				
156.20	157.04	0.84	0.84	100	N828140	4				
157.04	158.02	0.98	0.90	91.8	N828141	4				
158.02	158.97	0.95	0.83	87.4	N828142	4				
		0.00			N828143	4				Blank
158.97	160.03	1.06	1.06	100	N828144	4				End batch 4
160.03	161.52	1.49	1.40	94	N828145	5				
		0.00			N828146	5				Klaza standard 2
161.52	162.54	1.02	0.99	97.1	N828147	5				
162.54	163.68	1.14	1.08	94.7	N828148	5				
163.68	166.72	3.04	3.02	99.3	N828149	5				
166.72	169.77	3.05	2.93	96.1	N828150	5				
169.77	172.37	2.60	2.54	97.7	N828151	5				
172.37	173.44	1.07	1.04	97.2	N828152	5				
		0.00			N828153	5				Blank
173.44	174.52	1.08	1.08	100	N828154	5				nice vein.
174.52	175.87	1.35	1.28	94.8	N828155	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
175.87	178.92	3.05	2.84	93.1	N828156	5				
178.92	181.97	3.05	2.88	94.4	N828157	5				
181.97	182.98	1.01	1.00	99	N828158	5				
		0.00			N828159	5				Duplicate
182.98	184.00	1.02	1.00	98	N828160	5				
184.00	185.01	1.01	0.98	97	N828161	5				
185.01	185.67	0.66	0.58	87.9	N828162	5				
185.67	186.67	1.00	0.88	88	N828163	5				
		0.00			N828164	5				Klaza standard 1
186.67	187.70	1.03	0.85	82.5	N828165	5				
187.70	188.55	0.85	0.85	100	N828166	5				
188.55	189.78	1.23	0.93	75.6	N828167	5				
189.78	191.11	1.33	1.30	97.7	N828168	5				
191.11	194.16	3.05	2.78	91.1	N828169	5				
194.16	197.21	3.05	3.00	98.4	N828170	5				
197.21	197.77	0.56	0.56	100	N828171	5				
		0.00			N828172	5				Coarse reject duplicate
197.77	200.25	2.48	0.67	27	N828173	5				gouge
200.25	201.50	1.25	0.70	56	N828174	5				
201.50	203.00	1.50	0.64	42.7	N828175	5				
203.00	204.00	1.00	1.00	100	N828176	5				
204.00	206.35	2.35	1.92	81.7	N828177	5				
206.35	209.40	3.05	3.01	98.7	N828178	5				
		0.00			N828179	5				Blank
209.40	212.45	3.05	2.85	93.4	N828180	5				End batch 5
212.45	213.59	1.14	1.08	94.7	N828181	6				
		0.00			N828182	6				Klaza standard 3
213.59	214.61	1.02	0.96	94.1	N828183	6				
214.61	215.60	0.99	0.99	100	N828184	6				
215.60	217.40	1.80	1.64	91.1	N828185	6				
217.40	218.54	1.14	1.14	100	N828186	6				
218.54	219.70	1.16	1.16	100	N828187	6				
		0.00			N828188	6				Blank
219.70	220.80	1.10	1.08	98.2	N828189	6				
220.80	221.65	0.85	0.82	96.5	N828190	6				
221.65	222.65	1.00	0.90	90	N828191	6				
222.65	223.75	1.10	1.10	100	N828192	6				
223.75	225.06	1.31	0.93	71	N828193	6				
225.06	226.30	1.24	1.02	82.3	N828194	6				
226.30	227.13	0.83	0.83	100	N828195	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
227.13	228.17	1.04	1.00	96.2	N828196	6				
228.17	229.25	1.08	1.01	93.5	N828197	6				
		0.00			N828198	6				Duplicate
229.25	230.10	0.85	0.85	100	N828199	6				
230.10	231.12	1.02	0.93	91.2	N828200	6				
231.12	233.78	2.66	2.28	85.7	N828201	6				
233.78	236.83	3.05	3.05	100	N828202	6				
236.83	238.90	2.07	1.86	89.9	N828203	6				
					N828204	6				Blank
238.90	239.88	0.98	0.95	96.9	N828205	6				
239.88	240.90	1.02	1.01	99	N828206	6				
240.90	241.90	1.00	0.75	75	N828207	6				
241.90	242.93	1.03	0.83	80.6	N828208	6				
242.93	245.97	3.04	3.04	100	N828209	6				
245.97	247.00	1.03	0.84	81.6	N828210	6				
247.00	247.68	0.68	0.49	72.1	N828211	6				
					N828212	6				Klaza standard 3
247.68	248.69	1.01	1.01	100	N828213	6				
248.69	249.70	1.01	1.00	99	N828214	6				
					N828215	6				coarse reject duplicate
249.70	252.07	2.37	2.37	100	N828216	6				end batch 6
252.07	255.12	3.05	2.84	93.1	N828217	7				
255.12	256.20	1.08	1.08	100	N828218	7				
256.20	256.95	0.75	0.70	93.3	N828219	7				
					N828220	7				Duplicate
256.95	257.70	0.75	0.72	96	N828221	7				
257.70	259.20	1.50	1.43	95.3	N828222	7				
259.20	260.49	1.29	1.00	77.5	N828223	7				
260.49	261.41	0.92	0.74	80.4	N828224	7				
					N828225	7				Duplicate
261.41	264.26	2.85	2.85	100	N828226	7				
264.26	266.48	2.22	2.14	96.4	N828227	7				
266.48	267.74	1.26	1.04	82.5	N828228	7				
267.74	268.83	1.09	1.00	91.7	N828229	7				
										EOH

KLAZA

Hole: DDH_KL_12_64 **Tech Name: Larissa, Barry, Lizzie, Jamie, Dereł** **Date: June 7, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	18.19	18.19	3.60	20	0.14	1		1	0S	5W	OVB and casing
18.19	20.42	2.23	1.58	71	0.47	21		2	4S	4W	
20.42	23.46	3.04	2.97	98	1.96	64		2	5S	3W	
23.46	26.52	3.06	3.00	98	1.96	64		2	5S	4W	
26.52	29.56	3.04	2.73	90	2.40	79		1	3S	3W	
29.56	32.61	3.05	2.92	96	2.00	66		1	4S	3W	
32.61	35.66	3.05	2.93	96	1.97	65		1	4S	3W	
35.66	38.71	3.05	2.85	93	2.15	70		2	4S	3W	
38.71	41.76	3.05	3.03	99	2.53	83		2	4S	3W	
41.76	44.81	3.05	3.02	99	1.67	55		2	4S	3W	
44.81	47.85	3.04	2.98	98	1.12	37		2	3S	3W	
47.85	50.90	3.05	3.04	100	2.50	82		2	5S	2W	
50.90	53.95	3.05	2.91	95	2.20	72		2	4S	2W	
53.95	57.00	3.05	2.97	97	2.00	66		2	3S	2W	
57.00	60.05	3.05	2.88	94	2.10	69		2	3S	2W	
60.05	63.09	3.04	2.83	93	1.75	58		2	3S	1W	
63.09	66.14	3.05	3.04	100	2.22	73		2	3S	1W	
66.14	69.19	3.05	3.05	100	1.76	58		2	4S	1W	
69.19	72.24	3.05	2.68	88	1.23	40		1	3S	3W	
72.24	75.29	3.05	2.60	85	0.44	14		1	1S	3W	
75.29	78.33	3.04	2.91	96	1.80	59		2	4S	2W	
78.33	81.38	3.05	2.85	93	1.96	64		2	4S	3W	
81.38	84.43	3.05	2.48	81	0.64	21		2	2S	4W	
84.43	87.48	3.05	3.07	101	1.20	39		2	4S	4W	
87.48	90.52	3.04	2.08	68	1.39	46		2	4S	3W	very broken; mineralized zone at 88.80m
90.52	93.57	3.05	2.70	88.5	1.60	52.46		1	5S	3W	
93.57	96.62	3.05	2.75	90.2	1.55	50.82		1	5S	2W	
96.62	99.67	3.05	2.78	91.1	1.61	52.79		2	5S	2W	
99.67	102.72	3.05	2.74	89.8	1.85	60.66		2	5S	2W	
102.72	105.77	3.05	2.76	90.5	1.91	62.62		2	5S	2W	
105.77	108.81	3.04	2.78	91.4	2.11	69.41		1	1S	2W	
108.81	111.86	3.05	2.60	85.2	0.79	25.9		1	4S	2W	
111.86	114.91	3.05	2.88	94.4	1.48	48.52		2	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
114.91	117.95	3.04	2.77	91.1	2.63	86.51		2	5S	1W	
117.95	121.01	3.06	2.96	96.7	1.40	45.75		2	5S	1W	
121.01	124.05	3.04	2.75	90.5	2.15	70.72		2	4S	2W	
124.05	127.10	3.05	3.17	104	2.44	80		2	5S	2W	
127.10	130.15	3.05	2.78	91.1	2.00	65.57		2	4S	1W	
130.15	133.20	3.05	2.88	94.4	2.14	70.16		2	5S	1W	
133.20	136.25	3.05	3.01	98.7	2.73	89.51		2	5S	1W	
136.25	139.29	3.04	2.91	95.7	2.64	86.84		2	6S	1W	
139.29	142.34	3.05	3.03	99.3	2.92	95.74		2	5S	1W	
142.34	145.39	3.05	2.92	95.7	2.74	89.84		2	5S	1W	
145.39	148.44	3.05	2.84	93.1	2.72	89.18		2	5S	1W	
148.44	151.49	3.05	2.95	96.7	2.34	76.72		2	5S	1W	
151.49	154.53	3.04	2.78	91.4	2.04	67.11		2	5S	1W	
154.53	157.58	3.05	2.75	90.2	1.28	41.97		2	5S	1W	
157.58	160.63	3.05	2.86	93.8	2.39	78.36		2	5S	1W	
160.63	163.68	3.05	2.94	96.4	2.49	81.64		2	5S	1W	
163.68	166.72	3.04	3.04	100	2.60	85.53		2	5S	1W	
166.72	169.77	3.05	2.96	97	2.61	85.57		2	6S	1W	
169.77	172.82	3.05	2.95	96.7	2.65	86.89		2	5S	1W	
172.82	175.87	3.05	2.90	95.1	2.41	79.02		2	5S	1W	
175.87	178.92	3.05	2.93	96.1	2.31	75.74		2	5S	1W	
178.92	181.97	3.05	2.93	96.1	2.72	89.18		2	5S	1W	
181.97	185.01	3.04	2.87	94.4	2.31	75.99		2	5S	1W	1.86 Block error fixed by BP
185.01	188.06	3.05	2.84	93.1	1.84	60.33		2	6S	1W	3.91 Block error fixed by BP
188.06	191.11	3.05	2.98	97.7	1.79	58.69		2	6S	1W	
191.11	194.16	3.05	2.88	94.4	2.22	72.79		2	5S	1W	
194.16	197.21	3.05	2.89	94.8	2.16	70.82		2	5S	1W	
197.21	200.25	3.04	1.40	46.1	0.46	15.13		1	5S	1W	Block error fixed by LF
200.25	203.30	3.05	1.85	60.7	0.60	19.67		2	5S	1W	
203.30	206.35	3.05	2.61	85.6	1.81	59.34		2	6S	1W	
206.35	209.90	3.55	2.93	82.5	2.64	74.37		2	5S	1W	
209.90	212.45	2.55	2.86	112	1.93	75.69		2	5S	1W	
212.45	215.49	3.04	2.94	96.7	1.96	64.47		2	6S	1W	
215.49	218.54	3.05	2.92	95.7	1.67	54.75		2	5S	1W	
218.54	221.59	3.05	2.86	93.8	1.74	57.05		2	5S	1W	
221.59	224.64	3.05	3.00	98.4	1.24	40.66		2	5S	1W	
224.64	227.69	3.05	3.01	98.7	1.89	61.97		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
227.69	230.73	3.04	3.05	100	2.34	76.97		2	5S	1W	
230.73	233.78	3.05	3	98.4	0.52	17.05		2	5S	1W	
233.78	236.83	3.05	3.03	99.3	2.52	82.62		2	6S	1W	
236.83	239.88	3.05	3.04	99.7	1.98	64.92		1	5S	1W	
239.88	242.93	3.05	2.85	93.4	0.55	18.03		2	0S	1W	Heavily gouged section
242.93	245.97	3.04	3.04	100	0.83	27.3		2	5S	1W	
245.97	249.02	3.05	3.03	99.3	0.94	30.82		1	0S	1W	Heavily gouged section
249.02	252.07	3.05	3	98.4	0.82	26.89		2	5S	1W	
252.07	255.12	3.05	2.95	96.7	1.18	38.69		2	5S	1W	
255.12	258.17	3.05	3.05	100	1.03	33.77		1	5S	1W	
258.17	261.21	3.04	1.46	48	1.20	39.47		1	4S	1W	
261.21	264.21	3.00	3	100	2.23	74.33		1	4S	1W	
264.21	267.31	3.10	2.82	91	1.40	45.16		1	4S	1W	
267.31	268.83	1.52	1.64	108	0.72	47.37		1	5S	1W	
											EOH

KLAZA

Hole:__DDH_KL_12_64____ Tech Name:_Larissa_____ Date:___June 7, 2012_____ Page _1_ of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	18.19	18.19							
18.19	20.42	2.23	25	0.20	<1	1.00	3R	3W	
			80	0.25	0.00	2.00	3R	3W	
20.42	23.46	3.04	30	0.40	1.00	1.00	3R	2W	
			75	0.15	0.00	2.00	3R	2W	
23.46	26.52	3.06	25	0.50	0.00	1.00	3R	3W	
			60	0.50	0.00	3.00	3R	2W	
26.52	29.56	3.04	20	0.45	0.00	21.00	3R	3W	
			60	0.40	0.00	1.00	3R	2W	
29.56	32.61	3.05	20	1.50	0.00	1.00	3R	2W	
			40	0.45	0.00	1.00	3R	2W	
32.61	35.66	3.05	80	0.20	0.00	1.00	3R	2W	
35.66	38.71	3.05	30	0.30	0.00	1.00	3R	2W	
			80	0.24	0.00	1.00	3R	2W	
38.71	41.76	3.05	25	1.00	0.00	1.00	3R	3W	
			80	0.20	0.00	1.00	3R	2W	
41.76	44.81	3.05	45	0.20	0.00	1.00	3R	2W	
44.81	47.85	3.04	30	0.10	0.00	1.00	3R	2W	
			75	0.15	0.00	1.00	3R	2W	
47.85	50.90	3.05	70	0.15	0.00	1.00	3R	2W	
			40	0.75	0.00	1.00	3R	2W	
50.90	53.95	3.05	45	0.30	0.00	1.00	3R	2W	
			80	0.35	0.00	1.00	3R	2W	
53.95	57.00	3.05	40	0.80	0.00	1.00	3R	2W	
57.00	60.05	3.05	80	0.40	0.00	1.00	3R	1W	
			50	0.20	0.00	1.00	3R	2W	
60.05	63.09	3.04	80	0.30	0.00	1.00	3R	1W	
			60	1.00	0.00	1.00	3R	1W	
63.09	66.14	3.05	80	0.60	0.00	1.00	3R	1W	
66.14	69.19	3.05	70	0.20	0.00	2.00	3R	1W	
69.19	72.24	3.05	15	0.80	0.00	1.00	3R	1W	
			60	0.65	0.00	1.00	3R	2W	
72.24	75.29	3.05	15	0.55	0.00	2.00	3R	2W	
75.29	78.33	3.04	45	0.05	0.00	2.00	3R	2W	
			55	0.04	0.00	1.00	3R	2W	
78.33	81.38	3.05	35	0.30	0.00	2.00	3R	2W	
			85	0.30	0.00	2.00	3R	2W	

KLAZA

81.38	84.43	3.05	0	0.15	0.00	1.00	3R	2W	
84.43	87.48	3.05	55	0.09	0.00	1.00	3R	2W	
			35	0.16	0.00	1.00	3R	2W	
87.48	90.52	3.04	30	0.20	0.00	1.00	3R	2W	opposite orientation of 2nd joint set with 30 degree attitude
			30	0.15	0.00	1.00	3R	2W	see note above
			40	0.40	0.00	1.00	3R	2W	
90.52	93.57	3.05	45	0.16	0.00	1.00	3R	2W	
			80	0.06	7.00	2.00	3R	3W	
93.57	96.62	3.05	45	0.20	0.00	1.00	2R	2W	
			45	0.03	0.00	1.00	2R	2W	
96.62	99.67	3.05	70	0.08	0.00	2.00	3R	2W	
99.67	102.72	3.05	35	0.35	0.00	1.00	2R	2W	
102.72	105.77	3.05	65	0.15	0.00	1.00	2R	2W	
105.77	108.81	3.04	35	0.30	8.00	1.00	2R	3W	Heavily broken, clay being smeared smooth in many individual joints
108.81	111.86	3.05	40	0.40	0.00	2.00	3R	2W	
111.86	114.91	3.05	50	0.25	2.00	1.00	2R	3W	
114.91	117.95	3.04	30	0.25	0.00	1.00	3R	2W	
117.95	121.01	3.06	30	0.25	1.00	1.00	3R	2W	Many randomly oriented joints
121.01	124.05	3.04	35	0.10	0.00	2.00	3R	2W	
			40	0.07	0.00	1.00	3R	2W	
124.05	127.10	3.05	25	0.25	0.00	1.00	3R	2W	
			35	0.06	10.00	1.00	3R	2W	
127.10	130.15	3.05	55	0.40	1.00	1.00	3R	2W	Heavy gouge within one fracture
			40	0.11	25.00	1.00	3R	2W	
130.15	133.20	3.05	55	0.35	3.00	1.00	3R	1W	
			35	0.47	2.00	2.00	3R	1W	
			20	0.06	3.00	1.00	2R	1W	
133.20	136.25	3.05	45	0.21	0.00	2.00	3R	1W	
			15	1.17	0.00	1.00	3R	2W	
136.25	139.29	3.04	45	1.16	1.00	1.00	3R	2W	
139.29	142.34	3.05	60	0.35	0.00	1.00	3R	1W	
			25	1.35	1.00	2.00	3R	1W	
142.34	145.39	3.05	80	0.50	0.00	1.00	2R	1W	
			25	0.26	0.00	1.00	2R	1W	
145.39	148.44	3.05	/						
148.44	151.49	3.05	70	0.70	0.00	1.00	2R	1W	
151.49	154.53	3.04	25	0.60	0.00	1.00	2R	1W	
			50	0.70	1.00	1.00	2R	1W	
154.53	157.58	3.05	30	0.50	0.00	1.00	3R	1W	
157.58	160.63	3.05	70	0.30	0.00	1.00	2R	1W	
			55	0.60	0.00	1.00	2R	1W	
160.63	163.68	3.05	35	0.35	1.00	1.00	2R	1W	
			60	1.43	0.00	1.00	2R	1W	
163.68	166.72	3.04	30	0.19	0.00	1.00	2R	1W	
			70	0.90	0.00	1.00	3R	1W	
166.72	169.77	3.05	30	0.70	0.00	1.00	3R	1W	
			70	0.67	0.00	1.00	2R	1W	
169.77	172.82	3.05	25	1.15	0.00	1.00	2R	1W	

KLAZA

			60	0.14	0.00	1.00	3R	1W	
172.82	175.87	3.05	75	0.09	0.00	1.00	3R	1W	
			60	0.82	0.00	1.00	3R	1W	
			85	0.10	0.00	1.00	2R	1W	
			20	0.20	0.00	2.00	2R	1W	
175.87	178.92	3.05	50	1.00	0.00	1.00	3R	1W	
178.92	181.97	3.05	45	0.30	0.00	1.00	3R	1W	
			25	0.46	0.00	1.00	2R	1W	
181.97	185.01	3.04							No joint sets; several weakened and mineralized joints
185.01	188.06	3.05	25	0.18	0.00	1.00	1R	1W	Shattered rock adjacent downhole
188.06	191.11	3.05	30	0.15	0.00	1.00	2R	1W	
191.11	194.16	3.05	65	0.28	0.00	1.00	2R	1W	Competent rock interrupted by small infilled veinlets (CaCO3/SiO2)
194.16	197.21	3.05	40	0.15	0.00	1.00	2R	1W	
			60	0.12	0.00	1.00	2R	1W	Preferred slide orientation (Not slickenslide)
			30	0.15	0.00	1.00	2R	1W	
197.21	200.25	3.04	25	0.36	2.00	1.00	2R	1W	Crushed rubble from 198m-200m
200.25	203.30	3.05	20	0.80	12.00	1.00	3R	2W	
203.30	206.35	3.05	60	0.60	0.00	1.00	3R	1W	
206.35	209.90	3.55	40	0.20	0.00	1.00	2R	1W	
209.90	212.45	2.55	25	0.25	0.00	2.00	3R	1W	
212.45	215.49	3.04	45	0.25	2.00	1.00	3R	1W	
215.49	218.54	3.05	60	1.15	3.00	1.00	3R	1W	One long shallow (10 degree) fracture between 217.5m-218.5m, with lo
218.54	221.59	3.05	30	0.06	0.00	1.00	3R	1W	
			45	0.30	3.00	1.00	2R	1W	
			30	0.12	1.00	2.00	3R	1W	
221.59	224.64	3.05	45	0.06	0.00	1.00	3R	1W	run is heavily fractured and rubbly
224.64	227.69	3.05	85	0.28	0.00	1.00	3R	3W	Run and joints preferentially/partially weathered, 225.40m-226.40m
227.69	230.73	3.04	70	0.20	1.00	1.00	2R	1W	
			60	0.05	0.00	1.00	2R	1W	
230.73	233.78	3.05	30	0.12	3.00	1.00	2R	1W	
			30	0.12	0.00	1.00	2R	1W	
			25	n/a	250.00	1.00	2R	2W	Shear zone at 233m
233.78	236.83	3.05	45	0.20	0.00	1.00	3R	1W	
			45	0.04	50.00	1.00	3R	2W	
			30	0.03	1.00	1.00	2R	1W	
			30	0.05	0.00	1.00	2R	1W	
236.83	239.88	3.05	30	0.20	0.00	1.00	2R	1W	
			45	0.15	1.00	2.00	3R	1W	
			40	0.05	3.00	2.00	3R	1W	
239.88	242.93	3.05	40	0.09	0.00	1.00	2R	1W	
			30	0.02	0.00	1.00	2R	2W	gouge from 240.80m-242.70m
242.93	245.97	3.04	30	0.06	3.00	1.00	1R/2R	1W	competent run; gougy slickenslide
			45	0.17	0.00	1.00	2R	1W	
			30	0.09	1.00	1.00	2R	1W	
245.97	249.02	3.05	60	0.04	0.00	1.00	2R	1W	calcite crystallization at 246.00m; gouge from 246.30m-247.00m
249.02	252.07	3.05	80	0.81	0.00	1.00	2R	1W	gouge at top of run, 10cm
			50	0.01	3.00	1.00	2R	1W	
			30	0.30	0.00	1.00	2R	1W	

KLAZA

			50	0.17	0.00	1.00	2R	1W	
252.07	255.12	3.05	35	0.27	5.00	2.00	3R	1W	gouge but no consistent joints at 253.80
255.12	258.17	3.05	40	0.50	0.00	1.00	2R	1W	very smooth, preferential groove marks (Not slickenslide). Gougy rubbl
258.17	261.21	3.04	45	1.28	0.00	1.00	2R	1W	
261.21	264.26	3.05	85	0.40	0.00	1.00	2R	1W	
264.26	267.31	3.05	70	0.30	0.00	1.00	2R	1W	
			45	1.35	0.00	1.00	3R	1W	
			45	2.82	0.00	1.00	3R	1W	
267.31	268.38	1.07	55	0.20	0.00	1.00	3R	1W	
	EOH								

KLAZA

Hole: DDH-KL-12-64 Date:June 8, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		casing
2.00		OVB
3.00		OVB
4.00		OVB
5.00		OVB
6.00		OVB
7.00		OVB
8.00		OVB
9.00		OVB
10.00		OVB
11.00		OVB
12.00		OVB
13.00		OVB
14.00		OVB
15.00		OVB
16.00		OVB
17.00		OVB
18.00		OVB
19.00	12.70	
20.00	3.47	
21.00	1.73	
22.00	3.14	
23.00	2.40	
24.00	1.17	
25.00	1.16	
26.00	1.22	
27.00	3.78	
28.00	3.47	
29.00	1.58	
30.00	1.33	
31.00	2.47	
32.00	5.36	
33.00	1.58	
34.00	2.27	
35.00	3.14	
36.00	1.25	
37.00	1.74	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
38.00	3.92	
39.00	1.21	
40.00	0.99	
41.00	0.91	
42.00	1.99	
43.00	3.95	
44.00	0.82	
45.00	1.29	
46.00	1.22	
47.00	1.66	
48.00	6.70	
49.00	2.65	
50.00	1.39	
51.00	1.04	
52.00	2.23	
53.00	2.20	
54.00	19.30	
55.00	1.86	
56.00	4.28	
57.00	3.27	
58.00	3.49	
59.00	1.62	
60.00	2.70	
61.00	2.52	
62.00	4.95	
63.00	4.36	
64.00	7.52	
65.00	2.43	
66.00	2.99	
67.00	2.66	
68.00	4.41	
69.00	3.91	
70.00	1.49	
71.00	1.73	
72.00	1.75	
73.00	1.83	
74.00	2.22	
75.00	3.37	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
76.00	3.42	
77.00	2.77	
78.00	1.96	
79.00	2.55	
80.00	1.76	
81.00	4.11	
82.00	3.32	
83.00	4.43	
84.00	3.02	
85.00	3.71	
86.00	1.32	
87.00	2.28	
88.00	1.49	
89.00	3.64	
90.00	1.81	
91.00	1.68	
92.00	1.14	
93.00	5.12	
94.00	3.84	
95.00	2.42	
96.00	3.14	
97.00	9.24	
98.00	2.46	
99.00	3.20	
100.00	5.66	
101.00	8.63	
102.00	12.80	
103.00	2.57	
104.00	5.15	
105.00	3.20	
106.00	1.37	
107.00	1.76	
108.00	1.44	
109.00	2.48	
110.00	2.28	
111.00	2.77	
112.00	1.84	
113.00	2.99	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
114.00	2.70	
115.00	2.77	
116.00	2.67	
117.00	2.06	
118.00	8.21	
119.00	3.14	
120.00	1.68	
121.00	1.46	
122.00	2.94	
123.00	2.90	
124.00	2.41	
125.00	2.10	
126.00	1.98	
127.00	2.15	
128.00	1.88	
129.00	0.84	
130.00	3.93	
131.00	2.31	
132.00	1.93	
133.00	0.89	
134.00	2.55	
135.00	2.33	
136.00	1.78	
137.00	19.50	
138.00	2.21	
139.00	3.09	
140.00	0.89	
141.00	10.30	
142.00	2.23	
143.00	10.40	
144.00	1.78	
145.00	8.48	
146.00	5.46	
147.00	4.75	
148.00	2.16	
149.00	20.10	
150.00	6.40	
151.00	4.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
152.00	20.90	
153.00	28.30	
154.00	31.10	
155.00	10.50	
156.00	15.50	
157.00	1.52	
158.00	12.00	
159.00	1.54	
160.00	1.88	
161.00	4.78	
162.00	4.67	
163.00	6.18	
164.00	15.80	
165.00	13.60	
166.00	12.20	
167.00	25.80	
168.00	20.70	
169.00	28.20	
170.00	3.88	
171.00	23.80	
172.00	6.03	
173.00	1.96	
174.00	0.77	
175.00	4.45	
176.00	3.56	
177.00	6.61	
178.00	6.40	
179.00	1.84	
180.00	1.41	
181.00	8.53	
182.00	1.83	
183.00	1.86	
184.00	1.07	
185.00	3.24	
186.00	1.22	
187.00	3.41	
188.00	4.23	
189.00	3.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
190.00	1.81	
191.00	25.10	
192.00	35.50	
193.00	6.90	
194.00	17.60	
195.00	6.35	
196.00	23.10	
197.00	13.80	
198.00	16.70	
199.00	11.00	
200.00	3.04	
201.00	7.61	
202.00	10.30	
203.00	1.99	
204.00	7.32	
205.00	17.10	
206.00	15.10	
207.00	6.11	
208.00	15.00	
209.00	15.50	
210.00	14.20	
211.00	4.35	
212.00	7.87	
213.00	2.97	
214.00	1.37	
215.00	1.99	
216.00	1.81	
217.00	1.09	
218.00	1.36	
219.00	0.84	
220.00	3.66	
221.00	3.17	
222.00	1.73	
223.00	0.65	
224.00	3.74	
225.00	2.72	
226.00	1.32	
227.00	1.88	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
228.00	1.10	
229.00	1.04	
230.00	2.08	
231.00	19.00	
232.00	17.60	
233.00	1.31	
234.00	0.67	
235.00	0.63	
236.00	1.20	
237.00	0.75	
238.00	1.09	
239.00	1.15	
240.00	2.08	
241.00	2.63	
242.00	2.70	
243.00	23.40	
244.00	20.90	
245.00	23.20	
246.00	3.25	
247.00	13.70	
248.00	0.85	
249.00	14.00	
250.00	15.00	
251.00	14.90	
252.00	18.90	
253.00	2.72	
254.00	6.78	
255.00	19.50	
256.00	16.00	
257.00	6.14	
258.00	10.40	
259.00	2.68	
260.00	0.25	
261.00	12.90	
262.00	0.80	
263.00	1.29	
264.00	17.80	
265.00	12.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
266.00	2.46	
267.00	8.40	
268.00	0.82	EOH

KLAZA

Hole: DDH-KL-12-64 **Date: June 8, 2012**

Box #	From (m)	To (m)
1	0.00	18.19
2	18.19	21.75
3	21.75	25.45
4	25.45	29.56
5	29.56	33.27
6	33.27	37.08
7	37.08	41.11
8	41.11	44.81
9	44.81	48.18
10	48.18	52.24
11	52.24	55.90
12	55.90	59.73
13	59.73	63.18
14	63.18	66.98
15	66.98	70.35
16	70.35	74.00
17	74.00	77.21
18	77.21	81.20
19	81.20	84.35
20	84.35	86.73
21	86.73	91.05
22	91.05	94.74
23	94.74	98.37
24	98.37	102.38
25	102.38	106.00
26	106.00	109.68
27	109.68	112.86
28	112.86	116.74
29	116.74	120.55
30	120.55	124.62
31	124.62	128.41
32	128.41	132.11
33	132.11	135.90
34	135.90	140.02
35	140.02	144.07
36	144.07	148.30
37	148.30	152.10

KLAZA

38	152.10	155.40
39	155.40	158.97
40	158.97	162.78
41	162.78	166.72
42	166.72	170.61
43	170.61	174.63
44	174.63	178.77
45	178.77	182.58
46	182.58	186.52
47	186.52	189.78
48	189.78	193.46
49	193.46	197.33
50	197.33	203.30
51	203.30	207.50
52	207.50	211.00
53	211.00	214.83
54	214.83	218.54
55	218.54	222.10
56	222.10	225.54
57	225.54	229.27
58	229.27	232.70
59	232.70	236.83
60	236.83	240.48
61	240.48	244.10
62	244.10	247.68
63	247.68	251.63
64	251.63	255.52
65	255.52	259.20
66	259.20	263.23
67	263.23	267.10
68	267.10	268.83
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382996.19	6889826.6	1401.51	242.93

SECTION:

HOLE: KL-DDH-12-65

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 10th - June 13th, 2012

Geology logged by: Derek Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.62	7.62	OVB	Overburden
7.62	14.05	6.43	GRD	Oxidized weakly phyllic altered granodiorite.
14.05	43.86	29.81	GRD	Moderate to strongly phyllic altered granodiorite.
43.86	47.30	3.44	FEL	Grey quartz feldspar porphyry dyke
47.30	90.71	43.41	GRD	Primarily moderatly phyllic altered granodiorite.
90.71	90.85	0.14	VEN	White/grey quartz sulphide vein.
90.85	102.00	11.15	GRD	Moderate to strongly phyllic altered granodiorite.
102.00	119.81	17.81	GRD	Weak potassic and propyllitic altered granodiorite.
119.81	120.25	0.44	VEN	Quartz sulphide vein zone.
120.25	126.32	6.07	GRD	Moderatly phyllic altered granodiorite.
126.32	130.75	4.43	FEL	Three quartz feldspar porphyry dykes
130.75	131.1	0.35	VEN	Quartz sulphide vein zone.
131.10	134.03	2.93	GRD	Moderatly phyllic altered granodiorite.
134.03	134.43	0.4	VEN	Grey/white quartz sulphide vein.
134.43	189.52	55.09	GRD	Weakly propyllitic altered granodiorite.
189.52	190.67	1.15	VEN	Silicious sulphide gouge zone
190.67	242.93	52.26	GRD	Weakly propyllitic altered granodiorite. 242.93 EOH

SAMPLES

Numbers: N829001 - N829157

Total: 157

Batch: 1 to 11

Date Sent: June 23, 2012

Certificate:

COMMENTS

KLAZA

Hole: DDH-12-65 **Logger Name: Derek Walsh** **Date: June 13, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	7.62	7.62					OVB		MD	BN		5I									Overburden containing pieces of heavily oxidized GRD. Overburden start at 25' = casing.
7.62	8.64	1.02					GRD		MD	OR		5I		PRO	5I						Heavily broken up intensely oxidized granodiorite. Possibly moderatly propylitic, the oxidation obscures the alteration.
8.64	13.49	4.85					GRD		MD	OR		5I		PHC	3I						Intensely oxidized brown/orange granodiorite with patches of grey/green moderate phyllic alteration.
			9.34	9.53	0.19		GRD		LT	GY		2I	3I					To	50		Weakly oxidized, moderatly silicified granodiorite containing ~50% disseminated to blebby black tourmaline.
			12.27	12.47	0.20		GRD		LT	GY		2I	2I			3.0		To	75		Weakly oxidized, moderatly silicified granodiorite containing ~75% disseminated to blebby black tourmaline and 3% disseminated to blebby pyrite.
			12.47	12.52	0.05		GRD		MD	GY			4I			7.0	1.00				Stringly silicified granodiorite containing weak amounts of pyrite and trace amounts of arsenopyrite.
			12.61	12.65	0.04		GRD		LT	GN		2I	3I	PHC	2I	10.0					Grey/green weakly oxidized phyllic altered and moderatly silicified granodiorite containing ~10% disseminated to blebby pyrite.
13.49	14.05	0.56					GRD					2I									Weakly oxidized medium grey granodiorite.
14.05	43.86	29.81					GRD		MD	GN		3I		PHC	3-4I						Moderate to strong phyllic altered granodiorite containing an abundance white and green moderate argillic alteration pateches (2-20cm). Less frequent weakly propylitic patches vary between 25-40cm wide. Orange oxidation is contained to 1mm-2cm envelopes around fractures and milky white/grey unmineralized quartz veinz and veinlets. Occasionally oxidation is more dominate in ~30cm sections.
										WH	PA			ARG	3I						
														PRO	2I						
			14.66	14.86	0.20		GRD			GY			2I								Weakly silicified granodiorite containing ~50% blebby massive black tourmaline and
			22.00	23.06	1.06		GRD		MD	GY				PHC	4I						Strongly phyllic and weakly argillic altered granodiorite containing ~5% disseminated to blebby black tourmaline and ~1% disseminated pyrite.
														ARG	2I	1.0		To	5		
			27.32	29.07	1.75		GRD		MD	GY											Medium grey granodiorite.
			30.90	31.32	0.42		GRD		LT	GN				PHC	2I	3.0		To	70		Green/Grey granodiorite containing ~70% black tourmaline and 3% disseminated pyrite.
			37.15	37.20	0.05		BXA		MD	GY				ARG	2I						Medium grey matrix with with light grey green clasts of weakly argillic granodiorite with weak phyllic overprinting. Clasts range from 0.5-2cm.
														PHC	2I						
			41.40	41.60	0.20		GRD		LT	GN	DI			PHC	2I	3.0					Weakly phyllic altered granodiorite contains 3% disseminated pyrite. Gouge filled fractures permiate this interval.
43.86	47.30	3.44					FEL		MD	GY											Grey quartz feldspar porphyry dyke with an abundance of red patches. The dyke is heavily fractured, these fractures contain grey clay gouge.
47.30	47.55	0.25																			Gouge zone described in secondary structures.
			47.55	47.61	0.06		BXA			BK						5.0					Black sulphide breccia containing ~5% disseminated pyrite.
47.61	80.03	32.42					GRD		MD	GN				PHC	3I						Moderate phyllic altered granodiorite containing multiple patches of moderate phyllic alteredgranodiorite with a weak to moderate phyllic overprint. Unmineralized white quartz and carbonate stringers and veinlets are present throughout the interval and primarily occure in the altered sections.
														ARG	3I						
			54.70	55.40	0.70		GRD			GY				POT	2I						Weakly potassic altered granodiorite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			58.78	60.22	1.44		GRD			GY				POT	2I						Weakly potassic altered granodiorite. Contains two quartz carbonate veinlets with moderate phyllic envelopes (~5cm).
			61.00	62.75	1.75		GRD			GY				POT	2I						Weakly potassic altered granodiorite.
			70.64	72.54	1.90		GRD			WH				ARG	4I						White strongly phyllic altered granodiorite with a light green trace phyllic over and patches of weak propylitic alteration.
									LT	GN				PRO	2I						
														PHC	1I						
			72.72	73.00	0.28		BXA		LT	GY	VU	2I	3I			3.0					Moderatly silicified, weakly oxidized, vuggy light green/grey breccia clasts that are quartz or phyllic altered granodiorite (0.5-4cm). Contains 3% disseminated pyrite. The center of the interval contains black sulphidestringers that from a net texture.
			74.57	75.54	0.97		GRD		LT	GN				ARG	3I						White/green moderatly argillic granodiorite with trace amounts of phyllic overprint.
														PHC	2I						
			75.54	77.30	1.76		GRD		DK	GN				PRO	3I						Dark grey/green moderatly propylitic altered granodiorite.
			77.00	77.18	0.18		GRD			GN				PRO	2I	1.0		To	40		Weakly propylitic grey/green granodiorite with ~40% disseminated to blebby tourmaline and ~1% disseminated pyrite.
80.03	89.43	9.40					GRD		MD	GN			3I	PRO	2I						Grey/green weak to moderatly silicified, weakly propylitic granodiorite with patches of moderate phyllic alteration and trace potassic alteration. Quartz veins and veinlets are abundant throughout the interval.
														PHC	3I						
														POT	1I						
			88.34	89.25	0.91		GRD		LT	GN				ARG	4I						White strongly argillic altered granodiorite with patches of trace to weak ight green phyllic alteration.
														PHC	1-2I						
89.43	102.00	12.57					GRD		MD	GN			3I	PHC	3-4I						Moderate to strongly phyllic altered granodiorite containing patches of phyllic overprinted moderate argillic alteration. Weak to moderate silicification is present throughout the interval and dominant near veins.
														ARG	3I						
			92.69	93.76	1.07		GRD		LT	GN				ARG	2-3I			To	1		Light grey moderate to strong argillic altered granodiorite with weak phyllic overprinting. Gouge is contained in multiple fractures throughout the interval. ~ 1%disseminated black touramline throughout the interval.
									LT	GY				PHC	2I						
102.00	118.22	16.22					GRD		MD	GY	PA			PRO	2I						Medium grey granodiorite with large patches of weak potassic and propylitic alteration. Contains multiple quartz and carbonate veinlets and stringers.
											PA			POT	2I						
			109.54	109.87	0.33		GRD		LT	GN				PHC	3I						Moderate phyllic envelope around a quartz and black sulphide stringer vein.
			111.99	112.33	0.34		GRD			GY				ARG	3I						Moderately argillic and weakly potassic altered granodiorite. The interval is heavily broken up and rubbly.
														POT	2I						
118.22	137.93	19.71					GRD			GN				PHC	3I						Light green moderatley phyllic altered granodiorite, with large patches of weak propylitic alteration and smaller patches of argillic alteration with a phyllic overprint. Interval contains multiple unmineralized grey quartz veins.
											PA			PRO	2I						
											PA			ARG	2I						
			122.35	122.93	0.58		GRD		LT	GN				ARG	3I						Moderatley argillic altered granodiorite with a weak phyllic overprint.
														PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			125.38	125.77	0.39		FEL		MD	GY			3I	ARG	3I						Medium grey green moderatly silicified quartz feldspar prophyry dyke with patches of argillic alteration.
									MD	GN	PA										
			126.32	126.90	0.58		FEL		DK	GY											Dark grey quartz feldspar porphyry dyke
			128.27	129.34	1.07		FEL		DK	GY											Dark grey quartz feldspar porphyry dyke
			133.12	133.72	0.60		FEL		LT	GY											Light grey quartz feldspar porphyry dyke
			135.50	137.54	2.04		GRD		LT	GN				ARG	3I						Light green/white moderatly argillic altered granodiorite with a weak phyllic overprint.
										WH				PHC	2I						
137.93	176.50	38.57					GRD		MD	GY				PRO	2I						Weakly propylitic and potassic altered dark grey green granodiorite. Contains an abundance of white carbonate unmineralized stringers.
									DK	GN				POT	2I						
			149.18	151.28	2.10		GRD			WH	PA			ARG	4I						Alternating patches of argillic overprinted by potassic alteration with patches of propylitic alteration.
									DK	GN	PA			PRO	3-4I						
									MD	PK	PA			POT	2-4I						
			169.79	171.67	1.88		GRD			WH				ARG	3I						Argillic granodiorite overprinted by patchy propylitic alteration.
									DK	GN	PA			PRO	3I						
176.50	177.42	0.92					GRD		DK	GN				ARG	4I						Intensely propylitic and strongly argillic altered granodiorite. The interval is heavily broken up to gravel.
														PRO	5I						
177.42	185.55	8.13					GRD			WH				ARG	3I						Moderatly potassic and argillic altered granodiorite with phyllic envelopes surrounding vein zones. The interval contains moderate amounts of unmineralized white carbonate stringers throughout the interval.
										PK				POT	3I						
											EN			PHC	3I						
			180.04	181.22	1.18		GRD		MD	GN	EN			PHC	3I	1.0					Moderatly phyllic altered envelope around a grey quartz and black sulphide vein zone.
			181.89	182.30	0.41		GRD		MD	GN	EN			PHC	3I						Medium green phyllic envelope surrounding two light tan carbonate veinlets.
185.55	197.64	12.09					GRD			GN				PHC	3-4I	1.0					Moderatly phyllic altered granodiorite hosting multiple white carbonate veinlets and stringers. This interval hosts multiple large quartz sulphide veins and siliceous gouge zones.
			187.55	190.67	3.12		GRD			GY				PHC	3I						Siliceous gouge zone with batches of moderate to strong phyllic alteration. Siliceous and gouge portions contain strong sulphide mineralization.
										BK											
			192.41	194.16	1.75		GRD		MD	GY				PRO	2I						Unaltered weakly propylitic granodiorite.
									DK	GN											
197.64	242.93	45.29					GRD		DK	GN				PRO	1-3I						Moderatly propylitic to unaltered dark green to medium grey granodiorite. The interval contains multiplke white carbonate unmineralized veinlets
									MD	GY											
			207.05	210.45	3.40		GRD		MD	GN				PHY	3I						Moderatly phyllic altered granodiorite with patches of silica alteration.
											PA		1I								
			218.54	219.22	0.68		GRD		DK	GN				PRO	3I						Dark green and white moderatly propylitic and argillic altered granodiorite.
										WH				ARG	3I						
			221.21	224.73	3.52		GRD		MD	GN				PHC	3I						Moderatly phyllic altered granodiorite with patches of phyllic overprinted argillic alteration.
											PA			ARG	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			224.73	225.28	0.55		GRD			WH				ARG	3I						Moderatly argillic and potassic altered granodiorite.
										PK				POT	3I						
	242.93																				EOH

KLAZA

Hole: DDH-12-65 **Logger Name: Derek Walsh** **Date: June 13, 2012**

Depth (m)	DESCRIPTION
43.86	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
125.38	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
125.77	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
126.32	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
126.90	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
128.27	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
129.34	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
133.12	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
133.72	Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.

KLAZA

Hole: DDH-12-65 **Logger Name:** Derek Walsh **Date:** June 13, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	12.52	12.61	85.00		1.00	Py	4.00	Dark purple/black and medium grey quartz vein containing weak amounts of disseminated pyrite. Vein has been moderatly oxidized.	
VN	17.37	17.39	30.00		1.00	Py	10.00	Grey quartz and white calcite vein containing ~10% disseminated pyrite.	
VT	17.46	17.47	70.00		1.00	Py	5.00	Grey quartz and white calcite vein containing ~5% disseminated 1-2mm pyrite blebs.	
VN	18.67	18.69	41.00		1.00	Py	3.00	Dominantly milky white quartz vein with trace amounts of calcite. The vein contains ~3% disseminated to blebby pyrite.	
VT	20.52	20.53	50.00		1.00	Py	<1	Grey and milky white quartz veinlet with trace amounts of disseminated pyrite.	
VN	21.50	21.51	45.00		1.00	Py	7.00	White quartz/calcite vein , strongly oxidized, containing ~7% 1-5mm pyrite blebs.	
VN	22.76	22.79	50.00		1.00	Py	8.00	Grey quartz white calcite vein, weakly oxidized.	
VT	24.00	24.01	75.00		1.00	Py	7.00	White quartz/calcite vein , strongly oxidized, containing ~7% pyrite blebs (1-4mm).	
			43.00		1.00	Py	5.00	Milky white quartz veinlet containing ~40% black sphalerite(?) blebs and ~ 5% pyrite blebs.	
						Sp	40.00		
VT	25.20	25.21	40.00		1.00	Py	7.00	Grey/milky white quartz veinlet containing ~7% disseminated pyrite.	
VT	25.53	25.54	30.00		1.00	Py	1.00	Milky white quartz veinlet containing ~1% disseminated pyrite.	
VN	31.07	31.13	35.00		1.00	Py	1.00	White and medium grey quartz vein containing ~1% disseminated pyrite.	
GO	33.83	33.84	85.00		1.00			Grey clay gouge.	
GO	41.32	41.40	85.00		1.00			Weakly ophyllic alterd grey green clay gouge.	
GO	41.58	41.59	50.00		1.00			Black sulphide gouge (0.5cm)	
GO	43.42	43.54	85.00		1.00			Grey clay gouge.	
GO	43.61	43.86	90.00		1.00	Py	3.00	Moderatly phyllic altered granodiorite, heavily broken up and altered to clay gouge. Contains ~3% blebby to disseminated pyrite.	
GO	47.30	47.40	N/A		1.00	Py	1.00	Light orange, grey and black clay gouge. Gouge contains trace amounts of disseminated pyrite.	
GO	47.40	47.55	N/A		1.00	Py	7.00	Phyllic altered granodiorite, heavily altered to clay gouge (65%). Contains 7% disseminated to blebby pyrite.	
VN	48.74	48.77	30.00		1.00	Py	3.00	White and grey quartz/calcite vein containing ~ 3% pyrite blebs (1-2mm) and ~15% bright red blebby sphalerite.	
						Sp	15.00		
GO	50.30	50.32	45.00		1.00	Py	3.00	Grey clay gouge vein containing ~3% disseminated pyrite.	
VN	51.22	51.24	30.00		1.00	Py	3.00	Grey quartz vein containing 3% blebby pyrite and 5% blebby sphalerite.	
						Sp	5.00		
VN	63.02	63.05	45.00		1.00	Py	5.00	Grey/milky white quartz vein containg 5% disseminated pyrite with one large 1.5cm pyrite bleb.	
VN	64.37	64.39	55.00		1.00	Py	1.00	Grey quartz vein containing ~1% disseminated pyrite.	
VN	66.57	66.61	90.00		1.00	Py	7.00	4cm vein consisting of stacked parallel veinlets of alternating grey and milky white quartz, which contain ~ 7% disseminated pyrite.	
						Sp	10.00	The last veinlet contains an abundance of sphalerite blebs with smaller pyrite blebs.	
VT	70.63	70.64	45.00		1.00	Py	8.00	Milky white quartz veinlet containing ~8% pyrite blebs.	
VN	74.07	74.11	45.00		1.00			Milky white/grey quartz vein with comb texture.	
VN	74.55	74.57	85.00		1.00	Py	3.00	White/Grey calcite/quartz vein containing ~3% disseminated pyrite and trace amounts of sphalerite and galena.	
						Sp	<1		
						Gn	<1		
VN	79.30	79.41	85.00		1.00	Py	1.00	Heavily broken up and rubbly milky white/grey quartz and sulphide vein containing ~10-15% blebs of sphalerite and pyrite as well as ~1% Gn.	
						Sp	15.00		
						Gn	15.00		
VN	82.18	82.21	50.00		1.00	Py	1.00	Milky white quartz vein containing ~1% disseminated pyrite.	
GO	82.21	82.24	50.00		1.00	Py	<1	Grey/brown clay gouge containing <1% disseminated pyrite.	
VN	82.79	83.01	55.00		1.00	Py	1.00	Large milky white/grey quartz vein hosting ~1% disseminated pyrite. The quartz exhibits comb texture as well as minor net texture and a few 1-2mm vugs.	
VN	83.88	83.91	70.00		1.00			Milky white quartz vein exhibiting comb texture with interstitial dark green chlorite and light tan carbonate.	
VN	84.17	84.20	70.00		1.00	Py	1.00	Light tan and milky white quartz vein exhibiting minor comb texture and contains ~1% disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	84.34	84.40	85.00		1.00	Py	5.00	Medium Grey quartz vein containing disseminated to blebby pyrite and sphalerite as well as disseminated galena. Grey quartz has a milky white 0.5cm quartz veinlet running parallel through the center of the vein.	
						Sp	3.00		
						Gn	1.00		
VN	88.33	88.34	65.00		1.00	Py	1.00	Grey white quartz carbonate vein containin trace amounts of [yrite and galena.	
						Gn	<1		
VN	90.07	90.09	65.00		1.00			Grey quartz vein hosting ~30% pyrite blebs along its margin.	
VT	90.22	90.52	70.00		4.00	Py	10.00	Four milky white and grey quartz veinlets which contain 5-10% blebs of pyrite and sphalerite and 1% disseminated galena.	
						Sp	10.00		
						Gn	1.00		
VT	90.67	90.68	75.00		1.00	Py	40.00	Grey quartz veinlet containing ~40% pyrite blebs and ~40% sphalerite blebs.	
						Sp	40.00		
VN	90.71	90.85	65.00		1.00	Py	25.00	Milky white/grey quartz sulphide vein hosting moderate amounts of blebby to disseminated pyrite and sphalerite along with trace amounts of blebby galena and trace amounts of disseminated arsenopyrite. There is minor breciation of the quartz vein and phyllic altered granodiorite host rock in the center of the interval.	
						Sp	18.00		
						Gn	3.00		
						As	<1		
GO	93.73	93.95	N/A		1.00	Py	3.00	Heavily broken up gouge and vein zone hosting disseminated pyrite (~3%) from what appears to be broken up and rubbly quartz pyrite vein.	
VN	96.68	96.79	55.00		2.00			Two milky white 3cm wide quartz veins with grey interstitial quartz.	
VN	97.35	97.37	70.00		1.00	Py	1.00	Milky white quartz vein hosting interstitial grey quartz and pyrite blebs.	
GO	98.39	98.42	85.00		1.00	Py	3.00	Dark grey clay sulphide gouge hosting ~3% disseminated pyrite.	
VN	99.13	99.14	80.00		1.00	Py	15.00	Grey quartz veinlet containing black sulphide stringers and ~15% disseminated pyrite.	
VN	99.23	99.27	80.00		1.00	Py	20.00	Vein is half grey quartz containing pyrite blebs and black sulphide breccia containing disseminated pyrite.	
VN	99.33	99.36	80.00		1.00	Py	30.00	Grey quartz wein hosting ~30% pyrite blebs, ~2% disseminated arsenopyrite and <1% galena. Vein contains multiple black sulphide stringers.	
						As	2.00		
						Gn	<1		
VN	99.39	99.42	80.00		1.00	Py	5.00	Grey quartz and massive sphalerite vein containing ~55 pyrite blebs.	
						Sp	60.00		
VN	99.52	99.53	80.00		1.00	Py	30.00	Grey quartz hosting a blebby pyrite vein.	
VN	101.45	101.54	50.00		1.00	Py	3.00	Milky white comb textured quartz with interstitial strongly silicified and propylitic granodiorite and a 1.5cm hexagonal zoned grey white quartz crystal.	
VN	109.77	109.80	85.00		1.00	Py	3.00	Grey quartz vein hosting multiple black sulphide stringers and weak amounts of disseminated pyrite.	
VN	119.81	120.25	75.00		5.00	Py	10.00	Quartz sulphide vein zone containing three large (5-8cm) vuggy quartz vein with blebs of pyrite and sphalerite along with trace amounts of arsenopyrite and galena. The lower two veins are 1-2cm wide grey quartz containing and a abundance of black sukphide stringers and disseminated pyrite.	
						Sp	10.00		
						Gn	1.00		
						As	1.00		
GO	126.25	126.32	75.00		1.00			Grey green clay gouge.	
VN	127.90	127.93	60.00		1.00	Py	1.00	Milky white and smokey grey quartz vein containing trace amounts of disseminated pyrite. White quartz exgibiting minor comb texture.	
VN	129.86	129.89	80.00		1.00	Py	5.00	White and dark grey quartz vein exhibiting weak amounts of disseminated pyrite.	
VN	130.75	131.10	80.00		1.00	Py	10.00	Quartz sulphide vein zone containing an abundace of black sulphide stringers. Host multiple white and grey quartz vein hosting disseminated arsenopyrite, sphalerite and galena as well as blebby to disseminated pyrite. The center of the interval contains small amounts of light grey clay gouge.	
						As	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	<1		
						Gn	<1		
VT	131.33	131.34	60.00		1.00	Py	<1	Dark grey quartz sulphide veinlet that has been partially altered to clay gouge.	
VN	132.10	132.13	65.00		1.00	Py		Black grey sulphide vein with breccia texture.	
VN	132.25	132.30	80.00		1.00	Py	40.00	Milky white quartz vein with ~40% blebby pyrite.	
VN	134.03	134.43	90.00		1.00	Py	13.00	Large grey and milky white quartz sulphide vein containg disseminated to massive pyrite disseminated to blebby sphalerite and galena, and dissminated As.	
						Sp	3.00		
						As	4.00		
						Gn	1.00		
						Cp	<1		
VN	135.65	135.68	60.00		1.00	Py	15.00	Quartz pyrite vein.	
VN	137.57	137.67	80.00		1.00	Py	15.00	Black/Dark Grey quartz sulphide vein hosting ~15% disseminated to blebby pyrite.	
VN	147.56	147.62	40.00		1.00	Ep	2.00	Grey quarz vein running parallel to a 3 cm mixed zone of minerals and/or alternation with some crabonate and epidote.	
VN	148.80	148.93	70.00		3.00	Py	8.00	Three quartz pyrite veins ranging from 1-3cm. Veins and surrounding granodiorite contain blebby to disseminated pyrite. Middle vein exhibits minor breccia texture and all veins contain a few black sulphidation stringers.	
VN	178.62	178.65	80.00		1.00	Py	10.00	Grey/white quartz vein hosting ~10% disseminated to blebby pyrite.	
FT	179.52	179.53	55.00		1.00			Fault plane shown by chloritic slicken slide surface.	
VN	180.41	180.44	70.00		1.00	Py	5.00	Grey quartz/black sulphide vein hosting small pyrite blebs and disseminated arsenopyrite	
						As	7.00		
VN	180.63	180.66	85.00		1.00	Py	2.00	Grey quartz and black sulphide vein hosting blebs of pyrite, arsenopyrite and sphalerite.	
						As	3.00		
						Sp	5.00		
VT	180.71	180.76	75.00		4.00	Py	1.00	Four smokey quartz veinlets hosting disseminated pyrite.	
VN	183.55	183.66	70.00		2.00	Py	5.00	Two ~3cm grey quartz vein hosting disseminated to blebby pyrite veinlets.	
VT	183.76	183.77	45.00		1.00	Py	3.00	Grey quartz veinet hosting disseminated pyrite.	
VN	185.91	186.01	85.00		1.00	Py	3.00	Smokey/Grey Quartz and black sulphide vein hosting disseminated to blebby pyrite.	
VN	186.27	186.33	45.00		1.00	Py	2.00	Grey quartz veinet hosting disseminated pyrite, sphalerite and arsenopyrite.	
						Sp	<1		
						As	<1		
VN	187.55	187.86	65.00		7.00	Py	5.00	Zone containing ~7 grey quartz and black vein and veinlets hosting disseminated to bleby pyrite and sphalerite.	
						Sp	1.00		
GO	188.62	188.80	70.00		1.00	Py	1.00	Black/dark grey gouge hosting ~1% disseminated pyrite.	
VN	188.94	189.52	90.00		1.00	Py	1.00	Silicious black and dark grey vein hosting disseminated to blebby pyrite. Center of the interval contains a white carbonate vein. The interval is also crosscut by white carbonate veinlets and stringers of differing orientation.	
GO/VN	189.52	190.67	N/A		1.00	Py	3.00	Interval contains alternating zones of grey to black clay gouge and silicious grey to blackquartz sulphide vein. Blebby to disseminated pyrite is abundant throughout the interval. The center of the interval is crosscut by four ~1cm white carbonate veins. Arsenopyrite and sphalerite are present throughout the interval but in small quantities.	
						As	<1		
						Sp	<1		
VN/VT	191.25	191.39	80.00		4.00	Py	30.00	Interval contains one quartz pyrite vein (1cm)and three veinlets. Pyrite is disseminated t blebby.	
VN	194.34	194.35	85.00		1.00	Py	45.00	Grey quartz and blebby pyrite vein.	
VN	195.41	195.42	80.00		1.00	Py	10.00	Grey quartz and black sulphide vein hosting disseminated pyrite.	
VN	196.11	196.12	60.00		1.00	Py	20.00	Grey quartz vein hosting 20% blebby pyrite.	
VT	196.55	196.56	75.00		1.00	Py	100.00	0.5cm blebby pyrite veinlet.	
VN	197.05	197.21	85.00		1.00	Py	30.00	Dark grey and black quartz/sulphide silicious vein hosting dissemnated to massive pyrite and disseminated to blebby arsenopyrite.	
						As	1.00		
VT	197.24	197.25	80.00		1.00	Py	50.00	Grey quartz and blebby pyrite veinlet.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	208.10	208.30	50.00		1.00			Grey green heavily brokenup gouge zone.	
VN	208.76	208.78	80.00		1.00	Py	1.00	Smokey quartz and black sulphide vein hosting disseminated pyrite.	
VN	208.95	209.20	85.00		1.00	Py	1.00	Broken and rubbly silicious vein zone hosting multiple grey quartz veinlets with disseminated to blebby pyrite.	
GO	214.18	215.76	N/A		1.00	Py	<1	Medium grey, heavily broken up gouge zone containing <1% disseminated pyrite.	
VN	222.52	222.53	75.00		1.00	Py	60.00	Grey quartz vein hosting blebby pyrite.	
								EOH	

KLAZA

Hole: KL-12-65 **Date:** 13-Jun-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
8.85	9.57	6.3	806.6	492.3	GRD		PHC	4I			2.703805	2.566338	Strongly propylliticpylliticpyllytic granodiorite
16	10.18	6.3	784.2	475.8	GRD		PRO	2I			2.471201	2.542802	Weakly propyllitic and potassic granodiorite
							POT	2I					
17.2	10.3	6.3	880.1	535.6	GRD		PHC	4I			2.741093	2.554717	Strongly phyllic and moderately silicified granodiorite
							SIL	3I					
21.8	9.7	6.3	815	492.1	GRD		PHC	3I			2.695348	2.524001	Strongly argillic and weakly phyllic overprinted granodiorite
							ARG	3I					
22.5	9.6	6.3	821.3	502.8	GRD		PHC	3I	To	1	2.744477	2.57865	Moderate phyllic overprinting argillic in granodiorite, hosting minor pyrite and tourmaline
							ARG	3I	Py	1			
60	10.1	6.3	857	526.1	GRD		PRO	3I			2.722002	2.589906	Moderately propyllitic granodiorite
66.3	10	6.3	840.6	536.6	GRD		PHC	3I			2.696612	2.765132	Moderate phyllic overprinting argillic in granodiorite
							ARG	2I					
77.5	9.35	6.3	807.4	496.1	GRD		PRO	2I	To	40	2.770168	2.59364	Weakly propyllitic granodiorite hosting blebby-disseminated tourmaline and disseminated pyrite.
									Py	1			
82.8	9.5	6.3	770.7	466.3	VN				Py	2	2.6025	2.531866	Milky white-grey quartz vein hosting pyrite. Quartz shows comb and netted textures, and small vugs.
91.15	9.5	6.3	820.9	506.6	GRD		PHC	3I			2.772016	2.611836	Moderately phyllic granodiorite
114.35	9.8	6.3	834.5	510.2	GRD		PRO	3I	Py	1	2.731677	2.573235	Moderately propyllitic granodiorite with disseminated pyrite
120.5	10.1	6.3	871.3	543.5	GRD		PHC	2I			2.767422	2.658023	Weakly phyllic granodiorite
134.5	9.5	6.3	767.5	459.4	GRD		ARG	4I			2.591694	2.491074	Weak phyllic overprinting strong argillic in granodiorite
							PHC	1I					
156	10.4	6.3	876.4	537.9	GRD		PRO	4I			2.703324	2.589069	Moderately propylliticpyllytic alteration overprinting weak phyllic alteration on granodiorite.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							PHC	1I					
197.45	10.2	6.3	1150.9	814.5	VN				Py	30	3.619649	3.421225	Dark grey quartz vein hosting disseminated-massive pyrite and disseminated-blebby arsenopyrite.
									As	1			
211	10.1	6.3	855.4	525	GRD		PRO	4I			2.71692	2.588983	Moderate to intense propyllitic altered granodiorite.
223	9.7	6.3	846.1	524.8	GRD		PHC	3I			2.798201	2.633364	Weak to moderate phyllic alteration ovreprinting argillic alteration in the granodiorite.
							ARG	1I					

KLAZA

Hole: KL-12-65 **Date:** 13-Jun-12

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
8.23	9.23	1.00	1.00	100	N829001	7				
9.23	11.87	2.64	2.54	96.2	N829002	7				
11.87	12.87	1.00	1.00	100	N829003	7				
					N829004	7				Blank
12.87	14.33	1.46	1.46	100	N829005	7				
14.33	15.37	1.04	1.00	96.2	N829006	7				
15.37	17.34	1.97	1.83	92.9	N829007	7				
17.34	18.79	1.45	1.45	100	N829008	7				
					N829009	7				Duplicate (Coarse Reject)
18.79	20.25	1.46	1.43	97.9	N829010	7				
20.25	21.95	1.70	1.50	88.2	N829011	7				
21.95	22.75	0.80	0.80	100	N829012	7				
22.75	24.08	1.33	1.12	84.2	N829013	7				
					N829014	7				Klaza STD-2
24.08	25.14	1.06	1.06	100	N829015	7				
25.14	28.12	2.98	2.98	100	N829016	7				
28.12	30.92	2.80	2.81	100	N829017	7				
30.92	31.92	1.00	1.00	100	N829018	7				
					N829019	7				Blank
31.92	32.92	1.00	1.00	100	N829020	7				
32.92	35.92	3.00	3.00	100	N829021	7				
					N829022	7				Klaza STD-1
35.92	38.93	3.01	3.00	99.7	N829023	7				
38.93	41.29	2.36	2.20	93.2	N829024	8				
41.29	42.68	1.39	1.38	99.3	N829025	8				
42.68	43.86	1.18	1.18	100	N829026	8				
43.86	46.30	2.44	2.44	100	N829027	8				
46.30	47.30	1.00	1.00	100	N829028	8				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
47.30	48.30	1.00	1.00	100	N829029	8				
48.30	49.36	1.06	1.00	94.3	N829030	8				
					N829031	8				Duplicate
49.36	52.39	3.03	3.00	99	N829032	8				
52.39	55.20	2.81	2.81	100	N829033	8				
55.20	58.27	3.07	3.00	97.7	N829034	8				
58.27	61.35	3.08	3.00	97.4	N829035	8				
61.35	62.93	1.58	1.55	98.1	N829036	8				
					N829037	8				Duplicate coarse reject
62.93	64.40	1.47	1.47	100	N829038	8				
64.40	65.66	1.26	1.26	100	N829039	8				
65.66	66.66	1.00	1.00	100	N829040	8				
66.66	69.49	2.83	2.83	100	N829041	8				
69.49	72.46	2.97	2.97	100	N829042	8				
					N829043	8				Blank
72.46	73.56	1.10	1.02	92.7	N829044	8				
73.56	74.56	1.00	1.00	100	N829045	8				
74.56	75.46	0.90	0.86	95.6	N829046	8				
75.46	76.59	1.13	1.09	96.5	N829047	8				
					N829048	8				Blank
76.59	77.60	1.01	1.00	99	N829049	8				
77.60	78.50	0.90	0.89	98.9	N829050	8				
78.50	79.40	0.90	0.76	84.4	N829051	8				
79.40	80.40	1.00	0.93	93	N829052	8				
80.40	81.90	1.50	1.50	100	N829053	8				
					N829054	8				Klaza STD-1
81.90	82.95	1.05	1.00	95.2	N829055	8				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
82.95	83.85	0.90	0.86	95.6	N829056	8				
83.85	84.79	0.94	0.90	95.7	N829057	8				
					N829058	8				Klaza STD-3
84.79	85.79	1.00	0.95	95	N829059	8				
85.79	86.67	0.88	0.88	100	N829060	9				
86.67	88.33	1.66	1.54	92.8	N829061	9				
					N829062	9				Blank
88.33	89.85	1.52	1.46	96.1	N829063	9				
89.85	90.85	1.00	1.00	100	N829064	9				
90.85	92.00	1.15	1.15	100	N829065	9				
					N829066	9				Klaza STD-2
92.00	93.15	1.15	1.15	100	N829067	9				
93.15	94.15	1.00	0.96	96	N829068	9				
94.15	95.15	1.00	0.98	98	N829069	9				
95.15	96.05	0.90	0.90	100	N829070	9				
96.05	97.15	1.10	1.08	98.2	N829071	9				
					N829072	9				Duplicate
97.15	98.44	1.29	1.09	84.5	N829073	9				
					N829074	9				Blank
98.44	99.67	1.23	1.20	97.6	N829075	9				
99.67	100.67	1.00	1.00	100	N829076	9				
100.67	104.51	3.84	3.00	78.1	N829077	9				
104.51	107.58	3.07	3.00	97.7	N829078	9				
107.58	110.52	2.94	2.94	100	N829079	9				
110.52	113.57	3.05	3.00	98.4	N829080	9				
113.57	116.54	2.97	2.94	99	N829081	9				
					N829082	9				Duplicate coarse reject

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
116.54	118.82	2.28	2.26	99.1	N829083	9				
118.82	119.82	1.00	1.00	100	N829084	9				
119.82	120.82	1.00	1.00	100	N829085	9				
					N829086	9				Blank
120.82	121.84	1.02	1.02	100	N829087	9				
121.84	124.85	3.01	2.90	96.3	N829088	9				
124.85	126.32	1.47	1.47	100	N829089	9				
					N829090	9				Klaza STD-1
126.32	126.91	0.59	0.59	100	N829091	9				
126.91	128.30	1.39	1.28	92.1	N829092	9				
128.30	129.32	1.02	0.79	77.5	N829093	9				
129.32	130.04	0.72	0.74	103	N829094	9				
130.04	130.70	0.66	0.64	97	N829095	9				
130.70	132.34	1.64	1.48	90.2	N829096	10				
132.34	133.15	0.81	0.77	95.1	N829097	10				
133.15	134.04	0.89	0.73	82	N829098	10				
134.04	135.04	1.00	0.95	95	N829099	10				
		0.00			N829100	10				Blank
135.04	137.53	2.49	2.65	106	N829101	10				
137.53	138.49	0.96	0.96	100	N829102	10				
		0.00			N829103	10				Klaza STD-2
138.39	141.53	3.14	2.84	90.4	N829104	10				
141.53	142.61	1.08	1.08	100	N829105	10				
142.61	143.61	1.00	1.00	100	N829106	10				
143.61	146.61	3.00	2.70	90	N829107	10				
146.61	148.80	2.19	2.19	100	N829108	10				
		0.00			N829109	10				Coarse Reject Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
148.80	149.80	1.00	1.00	100	N829110	10				
		0.00			N829111	10				Blank
149.80	151.23	1.43	1.43	100	N829112	10				
151.23	154.23	3.00	3	100	N829113	10				
154.23	157.23	3.00	3.00	100	N829114	10				
		0.00			N829115	10				Klaza STD-1
157.23	160.23	3.00	2.95	98.3	N829116	10				
160.23	163.23	3.00	3	100	N829117	10				
163.23	166.23	3.00	3.00	100	N829118	10				
166.23	168.40	2.17	2.17	100	N829119	10				
168.40	169.77	1.37	1.37	100	N829120	10				
		0.00			N829121	10				Duplicate
169.77	171.67	1.90	1.57	82.6	N829122	10				
171.67	174.67	3.00	2.6	86.7	N829123	10				
174.67	175.67	1.00	0.52	52	N829124	10				
175.67	177.47	1.80	1.52	84.4	N829125	10				
177.47	180.12	2.65	2.65	100	N829126	10				
180.12	181.13	1.01	0.99	98	N829127	10				
181.13	182.90	1.77	1.73	97.7	N829128	10				
182.90	183.90	1.00	0.83	83	N829129	10				
183.90	185.52	1.62	1.62	100	N829130	10				
185.52	186.55	1.03	1	97.1	N829131	10				
186.55	187.55	1.00	1.00	100	N829132	11				
		0.00			N829133	11				Klaza STD-3
187.55	188.61	1.06	1.04	98.1	N829134	11				
188.61	190.77	2.16	2.02	93.5	N829135	11				
		0.00			N829136	11				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
190.77	191.67	0.90	0.9	100	N829137	11				
191.67	193.23	1.56	1.54	98.7	N829138	11				
		0.00			N829139	11				Duplicate
193.23	195.44	2.21	2.21	100	N829140	11				
195.44	196.51	1.07	1.07	100	N829141	11				
196.51	197.52	1.01	1	99	N829142	11				
197.52	200.50	2.98	2.88	96.6	N829143	11				
200.50	203.30	2.80	2.63	93.9	N829144	11				
203.30	206.23	2.93	2.78	94.9	N829145	11				
206.23	208.40	2.17	2.17	100	N829146	11				
208.40	209.40	1.00	0.88	88	N829147	11				
209.40	212.55	3.15	2.94	93.3	N829148	11				
212.55	214.09	1.54	1.54	100	N829149	11				
		0.00			N829150	11				Klaza STD-1
214.09	215.74	1.65	1	60.6	N829151	11				
		0.00			N829152	11				Blank
215.74	218.50	2.76	2.64	95.7	N829153	11				
218.50	221.42	2.92	2.69	92.1	N829154	11				
		0.00			N829155	11				Coarse Reject Duplicate
221.42	223.72	2.30	2.2	95.7	N829156	11				
223.72	225.27	1.55	1.41	91	N829157	11				
										EOH

KLAZA

Hole: DDH-12-64 **Tech Name: Barry Penner** **Date: June 11, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	1.10	72	0.00	0		1	0S	5W	
1.52	4.57	3.05	1.63	53	0.00	0		1	0S	5W	
4.57	6.10	1.53	0.79	52	0.00	0		2	0S	5W	
6.10	7.62	1.52	0.54	36	0.00	0		1	0S	5W	
7.62	8.23	0.61	0.43	70	0.00	0		1	0S	5W	
8.23	11.28	3.05	2.52	83	1.23	40		2	2S	5W	
11.28	14.33	3.05	2.91	95	1.49	49		2	5S	3W	
14.33	17.37	3.04	3.03	100	2.87	94		2	2S	2W	
17.37	20.42	3.05	2.85	93	2.20	72		2	5S	2W	
20.42	23.47	3.05	3.03	99	2.96	97		2	5S	2W	
23.47	26.52	3.05	3.02	99	2.86	94		2	5S	2W	
26.52	29.57	3.05	2.88	94	2.61	86		2	5S	2W	
29.57	32.61	3.04	2.88	95	1.94	64		2	5S	2W	
32.61	35.66	3.05	2.97	97	2.22	73		2	5S	2W	
35.66	38.71	3.05	2.94	96	2.35	77		2	5S	2W	
38.71	41.76	3.05	2.83	93	2.61	86		1	2S	2W	
41.76	44.81	3.05	2.89	95	2.05	67		1	2S	2W	
44.81	47.85	3.04	2.95	97	2.01	66		1	2S	2W	
47.85	50.90	3.05	2.87	94	2.39	78		2	5S	2W	
50.90	53.95	3.05	2.97	97	2.30	75		2	5S	2W	
53.95	57.00	3.05	3.05	100	2.96	97		2	5S	2W	
57.00	60.05	3.05	2.95	97	2.73	90		2	5S	2W	
60.05	63.09	3.04	2.96	97	2.80	92		2	5S	2W	
63.09	66.14	3.05	2.98	98	2.77	91		2	5S	2W	
66.14	69.19	3.05	3.05	100	2.74	90		2	5S	1W	
69.19	72.24	3.05	3.05	100	2.65	87		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	3.00	98	2.36	77		2	4S	3W	
75.29	78.33	3.04	2.98	98	2.17	71		2	3S	2W	
78.33	81.38	3.05	2.70	89	1.17	38		2	4S	3W	
81.38	84.43	3.05	2.97	97	1.99	65		2	4S	2W	
84.43	87.47	3.04	2.94	97	1.96	64		2	5S	1W	
87.47	90.53	3.06	2.92	95	1.92	63		1	5S	2W	
90.53	93.57	3.04	2.88	95	1.76	58		1	5S	1W	
93.57	96.62	3.05	2.65	87	1.60	52		1	4S	1W	
96.62	99.67	3.05	2.75	90	2.02	66		1	5S	1W	
99.67	102.72	3.05	2.80	92	1.90	62		2	5S	1W	
102.72	105.75	3.03	2.86	94	1.74	57		1	5S	1W	
105.75	108.81	3.06	3.00	98	2.38	78		1	5S	1W	
108.81	111.86	3.05	2.96	97	2.42	79		2	5S	1W	
111.86	114.91	3.05	2.98	98	2.23	73		1	5S	1W	
114.91	117.96	3.05	2.85	93	2.10	69		2	5S	1W	
117.96	121.01	3.05	2.81	92	2.33	76		2	5S	1W	
121.01	124.05	3.04	2.71	89	1.40	46		2	5S	1W	
124.05	127.10	3.05	2.84	93	2.13	70		1	5S	1W	
127.10	130.15	3.05	2.72	89	0.93	30		1	5S	1W	
130.15	133.20	3.05	2.78	91	1.18	39		1	5S	1W	
133.20	136.25	3.05	2.69	88	1.96	64		2	5S	1W	
136.25	139.29	3.04	2.72	89	1.27	42		1	5S	1W	
139.29	142.34	3.05	2.74	90	1.27	42		1	5S	1W	
142.34	145.39	3.05	2.70	89	1.77	58		2	5S	1W	
145.39	148.43	3.04	2.95	97	2.19	72		1	5S	2W	
148.43	151.48	3.05	3.01	99	2.20	72		2	5S	2W	
151.48	154.53	3.05	2.95	97	2.13	70		1	5S	1W	
154.53	157.58	3.05	2.91	95	2.14	70		1	5S	2W	
157.58	160.63	3.05	3.05	100	2.41	79		1	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	3.05	100	1.13	37		2	5S	2W	
163.68	166.73	3.05	2.99	98	2.13	70		1	5S	2W	
166.73	169.77	3.04	3.04	100	2.23	73		2	5S	2W	
169.77	172.82	3.05	2.73	90	1.23	40		2	2S	3W	
172.82	175.87	3.05	2.55	84	0.78	26		2	4S	3	
175.87	178.92	3.05	3.01	99	1.11	36		2	4S	4	
178.92	181.97	3.05	3.05	100	2.75	90		2	2S	2	
181.97	185.01	3.04	2.86	94	2.35	77		2	5S	2	
185.01	188.06	3.05	2.95	97	2.08	68		1	5S	2	
188.06	191.11	3.05	2.93	96	1.12	37		1	3S	4	
191.11	194.16	3.05	2.95	97	1.35	44		2	3S	1	
194.16	197.21	3.05	2.94	96	2.08	68		1	4S	1	
197.21	200.25	3.04	2.87	94	2.48	82		1	5S	1	
200.25	203.30	3.05	2.75	90	1.96	64		1	4S	2	
203.30	206.35	3.05	2.78	91	2.06	68		2	5S	1	
206.35	209.40	3.05	2.75	90	1.51	50		1	4S	3	
209.40	212.45	3.05	2.76	90	2.33	76		2	5S	2	
212.45	215.49	3.04	2.3	76	1.20	39		1	4S	4W	
215.49	218.54	3.05	2.84	93	1.47	48		1	4S	3W	
218.54	221.59	3.05	2.78	91	1.77	58		2	4S	1W	
221.59	224.64	3.05	2.71	89	2.47	81		2	5S	1W	
224.64	227.69	3.05	2.67	88	1.21	40		1	5S	4W	
227.69	230.73	3.04	2.72	89	1.69	56		2	4S	3W	
230.73	233.78	3.05	2.9	95	2.22	73		2	4S	2W	
233.78	236.83	3.05	3.02	99	2.78	91		2	4S	1W	
236.83	239.88	3.05	2.93	96	2.71	89		2	4S	1W	
239.88	242.93	3.05	2.94	96	2.55	84		2	4S	1W	EOH

KLAZA

Hole: DDH-KL-12-65 Tech Name: Barry Penner Date: June 11, 2012 Page 1 of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52								rubble
1.52	4.57								rubble
4.57	6.10								rubble
6.10	7.62								rubble
7.62	8.23								rubble
8.23	11.28								heavily fractured and weathered, no joint sets
11.28	14.33		40	0.18	0.00	1.00	3R	3W	heavily fractured and weathered, no joint sets
14.33	17.37		50	0.30	0.00	1.00	2R	2W	
17.37	20.42		40	0.07	1.00	2.00	3R	2W	
20.42	23.47								no joint sets
23.47	26.52		50		3.00	2.00	2R	2W	single prominent joint
			30	0.29	2.00	1.00	2R	2W	
26.52	29.57								no joint sets
29.57	32.61		65	0.14	0.00	1.00	2R	2W	heavily fractured for 20cm at bottom of run
32.61	35.66		65	0.18	0.00	2.00	3R	2W	
			55	0.05	1.00	1.00	2R	2W	
35.66	38.71		65	0.20	1.00	1.00	2R	2W	
			35	0.44	0.00	1.00	2R	2W	
38.71	41.76								no joint sets
41.76	44.81		85		300.00	1.00	2R	3W	single gougy joint
44.81	47.85		85		1000.00	2.00	3R	4W	severely weathered/gougy joint
47.85	50.90		55	0.69	0.00	1.00	3R	1W	
50.90	53.95		40	0.08	0.00	1.00	2R	2W	
53.95	57.00		35	0.50	0.00	1.00	2R	1W	competent rock
57.00	60.05		40	1.87	8.00	1.00	2R	2W	
60.05	63.09		45	0.15	1.00	1.00	2R	2W	
63.09	66.14		30	0.20	2.00	1.00	3R	1W	
66.14	69.19		85	0.22	0.00	1.00	2R	2W	
			65	0.25	0.00	1.00	3R	2W	
69.19	72.24								
72.24	75.29								Competent rock, vuggy, moderately weathered (72.73 for 27cm), no joint sets, but joints common at points of weakness and veins.
75.29	78.33		45	0.07	1.00	1.00	3R	2W	
			30	0.07	0.00	1.00	2R	2W	Quartz vein
78.33	81.38		30	0.10	0.00	1.00	2R	3W	Grooves on joint faces (not 1R)
81.38	84.43		30	0.14	250.00	1.00	2R	2W	
			30	0.62	200.00	2.00	2R	2W	

KLAZA

84.43	87.47	3.04	80	0.12	0.00	1.00	2R	2W	Single prominent joint
87.47	90.53	3.06	45		350.00	1.00	2R	2W	
90.53	93.57	3.04	85	0.34	0.00	1.00	2R	2W	92.0-92.2 heavily fractured
		0.00	45	0.20	350.00	2.00	2R	2W	
93.57	96.62	3.05	45	0.20	0.00	1.00	2R	2W	
96.62	99.67	3.05	80	0.15	2.00	1.00	2R	2W	
99.67	102.72	3.05	40	0.30	0.00	1.00	2R	2W	
		0.00	70	0.10	0.00	1.00	3R	2W	
102.72	105.77	3.05	60	0.60	0.00	1.00	2R	2W	
105.77	108.81	3.04	30	0.40	0.00	1.00	2R	2W	
		0.00	70	0.80	1.00	1.00	3R	2W	
108.81	111.86	3.05	30	0.80	1.00	1.00	2R	2W	
			45	0.50	1.00	1.00	3R	2W	
			75	0.60	1.00	1.00	3R	2W	
111.86	114.91	3.05	35	0.90	1.00	1.00	2R	2W	
			45	0.15	1.00	1.00	3R	2W	
			80	0.50	1.00	1.00	2R	1W	
114.91	117.96	3.05	30	0.90	1.00	1.00	2R	2W	
			80	0.40	1.00	1.00	2R	2W	
117.96	121.01	3.05	80	0.15	3.00	3.00	3R	2W	
			30	0.20	1.00	1.00	2R	2W	
121.01	124.05	3.04	85	0.30	1.00	1.00	3R	2W	
			40	0.70	1.00	1.00	2R	2W	
124.05	127.10	3.05	30	0.70	1.00	1.00	2R	3W	
			70	0.50	3.00	3.00	2R	2W	
127.10	130.15	3.05	50	0.10	1.00	1.00	2R	2W	heavily fractured and silicified
			35	0.30	1.00	1.00	2R	3W	
130.15	133.20	3.05	80	0.15	2.00	2.00	2R	3W	
			30	0.70	1.00	1.00	2R	2W	
133.20	136.25	3.05	85	1.00	1.00	1.00	2R	2W	heavily fractured; incl. felsic dyke and veins
			45	0.30	1.00	1.00	2R	2W	
136.25	139.29	3.04	45	0.15	1.00	1.00	2R	2W	
			90	0.10	1.00	1.00	2R	42W	
139.29	142.34	3.05	20	0.50	1.00	1.00	2R	2W	
			45	0.20	1.00	1.00	2R	2W	
142.34	145.39	3.05	35	0.40	1.00	1.00	2R	2W	
			70	0.40	1.00	3.00	2R	2W	
145.39	148.43	3.04	45	0.40	1.00	1.00	2R	2W	
			30	0.50	1.00	1.00	3R	3W	
148.43	151.48	3.05	70	0.15	1.00	1.00	3R	3W	
			45	0.20	1.00	1.00	2R	2W	
151.48	154.53	3.05	20	0.10	1.00	1.00	2R	2W	
			55	0.60	1.00	1.00	2R	2W	
154.53	157.58	3.05	45	0.50	1.00	1.00	2R	2W	
			85	0.15	1.00	1.00	2R	2W	
157.58	160.63	3.05	45	0.40	1.00	1.00	2R	2W	
			70	0.15	1.00	1.00	2R	2W	

KLAZA

160.63	163.68	3.05	45	0.20	1.00	1.00	3R	3W	heavily fractured and clay gouged
			85	0.40	1.00	3.00	2R	3W	
163.68	166.73	3.05	55	0.20	1.00	1.00	2R	2W	
			65	0.50	1.00	1.00	2R	2W	
166.73	169.77	3.04	45	0.70	1.00	1.00	2R	2W	
			45	0.30	1.00	1.00	2R	2W	
169.77	172.82	3.05	45	0.30	1.00	1.00	2R	3W	heavily fractured and clay gouged
172.82	175.87	3.05	25	0.20	1.00	1.00	2R	1W	
		0.00	50	0.40	0.00	3.00	2R	1W	heavily fractured
175.87	178.92	3.05	40	0.50	0.00	1.00	2R	1W	
178.92	181.97	3.05	45	0.45	0.00	1.00	1R	1W	1 joint slickenslide
181.97	185.01	3.04	50	0.30	0.00	1.00	2R	1W	
185.01	186.06	1.05	55	0.55	1.00	1.00	2R	1W	
186.06	191.11	5.05						4W	strongly mineralized, pervasive fluid weathering. Very weak rock 188.57-190.77m
191.11	194.16	3.05	60	0.15	1.00	1.00	2R	2W	
194.16	197.21	3.05	65	0.06	1.00	1.00	3R	2W	
197.21	200.25	3.04	20	0.23	0.00	1.00	2R	2W	
200.25	203.30	3.05	85	0.55	0.00	1.00	2R	2W	
		0.00	45	0.11	0.00	1.00	2R	2W	
203.30	206.35	3.05	35	0.16	0.00	1.00	2R	2W	
		0.00	45		40.00	1.00	3R	3W	single gougy joint
		0.00	40	0.30	0.00	1.00	2R	3W	
206.35	209.40	3.05	85	0.10	0.00	1.00	2R	2W	fractured and rubbly run
209.40	212.45	3.05	50	0.49	0.00	1.00	2R	2W	almost slickenslide
212.45	215.49	3.04							very weak after 214.85; crumbly
		0.00	35		200.00	1.00	2R	4W	prominent gouged joint at 215.42
215.49	218.54	3.05	30	0.02	0.00	1.00	3R	2W	
		0.00	60	0.35	0.00	1.00	3R	2W	
218.54	221.59	3.05	20	0.20	0.00	1.00	3R	2W	
221.59	224.64	3.05	85	0.60	0.00	1.00	2R	2W	
		0.00	40	0.20	0.00	1.00	3R	2W	
224.64	227.69	3.05	60	0.40	0.00	1.00	2R	1W	
227.69	230.73	3.04	35	0.45	1.00	1.00	2R	1W	highly fractured
230.73	233.78	3.05	30	0.50	1.00	1.00	2R	1W	
		0.00	30	0.50	1.00	1.00	2R	1W	opposite orientation from above joint set
		0.00	55	0.45	1.00	1.00	2R	1W	
233.78	236.83	3.05	40	0.35	0.00	1.00	2R	1W	
		0.00	80	1.45	0.00	1.00	2R	1W	
236.83	239.88	3.05	45	0.90	0.00	1.00	2R	1W	
		0.00	70	0.35	0.00	1.00	2R	1W	
239.88	242.93	3.05	45	0.60	0.00	1.00	2R	1W	EOH

KLAZA

Hole: KL-12-65 Date: June 13, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	2.97	OVB
2.00	2.83	OVB
3.00	10.00	OVB
4.00	8.01	OVB
5.00	0.87	OVB
6.00	3.15	OVB
7.00	7.99	OVB
8.00	5.56	
9.00	4.72	
10.00	2.97	
11.00	3.00	
12.00	4.41	
13.00	7.99	
14.00	18.40	
15.00	1.46	
16.00	16.60	
17.00	3.03	
18.00	1.74	
19.00	2.56	
20.00	1.74	
21.00	0.39	
22.00	1.02	
23.00	1.27	
24.00	1.07	
25.00	18.30	
26.00	7.14	
27.00	4.48	
28.00	24.90	
29.00	25.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	5.04	
31.00	5.09	
32.00	2.75	
33.00	4.13	
34.00	4.46	
35.00	6.73	
36.00	6.83	
37.00	3.86	
38.00	10.75	
39.00	3.71	
40.00	5.49	
41.00	2.36	
42.00	4.72	
43.00	7.72	
44.00	4.13	
45.00	2.38	
46.00	2.95	
47.00	1.84	
48.00	5.04	
49.00	5.51	
50.00	2.78	
51.00	4.69	
52.00	2.68	
53.00	29.80	
54.00	7.57	
55.00	18.70	
56.00	1.96	
57.00	3.03	
58.00	28.10	
59.00	25.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	28.00	
61.00	8.95	
62.00	38.50	
63.00	1.41	
64.00	6.72	
65.00	2.63	
66.00	3.76	
67.00	28.00	
68.00	14.90	
69.00	2.21	
70.00	0.48	
71.00	2.11	
72.00	1.12	
73.00	1.39	
74.00	1.49	
75.00	1.31	
76.00	26.10	
77.00	0.43	
78.00	1.64	
79.00	1.74	
80.00	0.89	
81.00	2.04	
82.00	73.00	
83.00	1.12	
84.00	1.76	
85.00	10.70	
86.00	24.50	
87.00	29.80	
88.00	31.00	
89.00	6.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	1.15	
91.00	1.07	
92.00	2.48	
93.00	1.83	
94.00	2.50	
95.00	1.59	
96.00	1.41	
97.00	1.37	
98.00	1.26	
99.00	3.81	
100.00	6.75	
101.00	2.25	
102.00	4.14	
103.00	15.50	
104.00	39.00	
105.00	15.60	
106.00	29.80	
107.00	35.70	
108.00	31.60	
109.00	30.10	
110.00	43.80	
111.00	50.00	
112.00	26.90	
113.00	34.10	
114.00	43.00	
115.00	9.97	
116.00	7.20	
117.00	3.51	
118.00	26.90	
119.00	5.22	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.36	
121.00	2.97	
122.00	5.00	
123.00	1.71	
124.00	0.38	
125.00	3.04	
126.00	1.94	
127.00	3.81	
128.00	4.78	
129.00	3.22	
130.00	1.44	
131.00	2.72	
132.00	4.50	
133.00	3.04	
134.00	4.04	
135.00	0.95	
136.00	1.10	
137.00	3.37	
138.00	20.30	
139.00	2.67	
140.00	80.10	
141.00	32.90	
142.00	16.20	
143.00	6.26	
144.00	13.70	
145.00	11.70	
146.00	2.23	
147.00	3.00	
148.00	4.31	
149.00	2.88	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	3.98	
151.00	3.78	
152.00	4.00	
153.00	35.40	
154.00	40.00	
155.00	48.00	
156.00	6.04	
157.00	3.84	
158.00	36.10	
159.00	77.90	
160.00	3.39	
161.00	4.31	
162.00	5.10	
163.00	3.94	
164.00	33.60	
165.00	31.80	
166.00	22.30	
167.00	4.48	
168.00	8.95	
169.00	6.53	
170.00	6.28	
171.00	2.87	
172.00	10.40	
173.00	7.22	
174.00	19.80	
175.00	4.55	
176.00	42.10	
177.00	12.10	
178.00	3.07	
179.00	6.68	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	4.09	
181.00	6.77	
182.00	4.20	
183.00	5.44	
184.00	3.64	
185.00	1.96	
186.00	6.51	
187.00	4.63	
188.00	1.34	
189.00	3.67	
190.00	1.54	
191.00	3.04	
192.00	3.12	
193.00	15.00	
194.00	1.27	
195.00	2.10	
196.00	29.30	
197.00	0.85	
198.00	24.90	
199.00	2.73	
200.00	1.83	
201.00	1.99	
202.00	10.90	
203.00	1.19	
204.00	17.30	
205.00	34.10	
206.00	20.60	
207.00	2.72	
208.00	1.27	
209.00	1.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.25	
211.00	26.00	
212.00	3.44	
213.00	1.26	
214.00	1.19	
215.00	0.70	
216.00	2.10	
217.00	3.59	
218.00	8.19	
219.00	7.03	
220.00	3.56	
221.00	18.80	
222.00	0.95	
223.00	0.87	
224.00	1.41	
225.00	6.18	
226.00	40.30	
227.00	14.10	
228.00	14.10	
229.00	18.10	
230.00	7.10	
231.00	34.50	
232.00	7.77	
233.00	38.90	
234.00	46.90	
235.00	50.20	
236.00	32.80	
237.00	52.00	
238.00	12.40	
239.00	51.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	40.10	
241.00	53.90	
242.00	11.70	EOH

KLAZA

Hole: **KL-12-65** **Date: June 13, 2012**

Box #	From (m)	To (m)
1	0.00	4.67
2	4.67	9.39
3	9.39	13.10
4	13.10	16.88
5	16.88	20.77
6	20.77	24.93
7	24.93	29.07
8	29.07	33.00
9	33.00	37.07
10	37.07	41.76
11	41.76	44.81
12	44.81	48.87
13	48.87	52.78
14	52.78	56.68
15	56.68	60.42
16	60.42	64.42
17	64.42	68.44
18	68.44	74.46
19	74.46	76.28
20	76.28	79.70
21	79.70	83.55
22	83.55	87.47
23	87.47	91.35
24	91.35	94.85
25	94.85	98.90
26	98.90	102.83
27	102.83	106.61
28	106.61	110.52
29	110.52	114.45

KLAZA

30	114.45	118.40
31	118.40	122.20
32	122.20	126.00
33	126.00	129.43
34	129.43	133.05
35	133.05	136.73
36	136.73	142.14
37	142.14	144.27
38	144.27	147.86
39	147.86	151.87
40	151.87	155.78
41	155.78	160.00
42	160.00	163.68
43	163.68	167.81
44	167.81	171.67
45	171.67	175.53
46	175.53	178.92
47	178.92	182.94
48	182.94	186.80
49	186.80	190.77
50	190.77	194.36
51	194.36	198.39
52	198.39	202.51
53	202.51	206.35
54	206.35	209.71
55	209.71	213.78
56	213.78	217.73
57	217.73	221.42
58	221.42	225.05
59	225.05	228.62
60	228.62	231.87
61	231.87	235.92
62	235.92	239.88
63	239.88	242.93
		EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382996.19	6889826.6	1401.51	242.93

ZONE: KLAZA

SECTION:

HOLE: KL-DDH-12-66

CLAIM: YC37990

Contractor: Strike

Drill: 2

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 13th - July 19th, 2012

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	48.95	48.95	GRD	Patchy alteration halos, most interval is propyltic
48.95	51.42	2.47	FEL	Quartz-feldspar porphyry dyke
51.42	68.62	17.20	GRD	Phyllic altered GRD hosting smoky Qz veins with Py, Gn, Sp, Cp and minor As
68.62	138.36	69.74	GRD	Patchy propylitic and phyllic alteration halos, down hole is moderate phyllic altered GRD
138.36	162.00	23.64	GRD	Patchy weak to moderate phyllic altered GRD hosting crustiform, vuggy, and brecciated smoky Qz veins with Py, As, Sp, Gn, and Cp
162.00	205.00	43.00	GRD	Patchy phyllic and propyltic altered GRD
205.00	250.00	45.00	GRD	Moderate to strong phyllic altered GRD hosting infrequent Py stringers and Qz/Ch veins with Py
250.00	303	53.00	GRD	Moderate to strong phyllic altered GRD hosting frequent Py stringers and crustiform Qz/Ch/Cb veins
303.00	323	20	GRD	Propyltic altered GRd
323.00	374.3	51.3	GRD	Patchy alteration halos, most is phyllic alteration, includes mineralized gouge, Qz veins and crustiform
374.30	378.00	3.70	FEL	Quartz-feldspar porphyry dyke
378.00	413.73	35.73	GRD	Patchy alteration halos of GRD crosscut by infrequent Cb veinlets 45-90° TCA.
413.73	414.65	0.92	MAF	Siliceous Qz-feldspar porphyry dyke with mineralized veins and Py replacement textures (pervasive blebs). Book sericite present.
414.65	417.63	2.98	FEL	Quartz-feldspar porphyry dyke
417.63	422.90	5.27	MAF	As 413.73-414.65 m
422.90	425.00	2.10	GRD	Patchy alteration halos of propyllitic, phyllic, and argillic altered GRD
425.00	425.24	0.24	MAF	Moderate phyllic altered MAF PO with trace disseminated Py
425.24	453.24	28.00	GRD	Patchy alteration of propyllitic, argillic, phyllic altered GRD. Phyllic altered envelopes around veins. EOH @ 453.24 m

SAMPLES

Numbers: N829001 - N829129

Total: 284

Batch: 1 to 8

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-DDH-12-66 **Logger Name:** X. Montague **Date: June 22, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
0.00	1.32	1.32					OVB														Overburden, no recovery
1.32	48.95	47.63				mKgW	GRD	MG	MD	GR	GR	4I		PRO	3I						Patchy alteration halos of propyllitic, phyllic, and argillic. GRD crosscut by Qz/Cb veining. Strong pervasive oxidation up to 14m. Oxidation in fractures up to 45m. Alteration halos broken out in subintervals. Frequent (1/m) Cb veinlets crosscutting 0-90°, ankerite veinlets common with similar orientation.
										GY				PHC	3I						
														ARG	3I						
			1.32	10.54	9.22	mKgW	GRD	MG	MD	OR	FR	4I		ARG	3I	<1					Strong oxidized GRD, most moderate argillic alteration crosscut by Cb veinlets and very-fine grained black stringers
										BN											
			10.54	10.71	0.17	mKgW	GRD	MG	MD	GR	GR	3I		PHC	3I	2.00					Moderate phyllic envelope around three pyrite veinlets, moderate pervasive oxidation
										OR											
			10.71	14.20	3.49	mKgW	GRD	MG	MD	OR	FR	4I		ARG	3I						Strong oxidized moderate argillic altered GRD crosscut by Cb veins, possible fault
										BN											
			14.20	15.24	1.04	mKgW	GRD	MG	MD	GY	FR	4I		PRO	2I						Weakly propyllitic altered GRD
										OR											
			15.24	15.58	0.34	mKgW	GRD	MG	LT	GR	GR	2I		ARG	2I						Weak argillic altered GRD
			15.58	15.85	0.27	mKgW	GRD	MG	MD	GR	EN	2I		PHC	3I	2.00					Moderate phyllic altered envelope of GRD with Py stringers
			15.85	16.80	0.95	mKgW	GRD	MG	LT	WH	GR	2I		ARG	2I						Weak argillic altered GRD
										OR											
			16.80	18.66	1.86	mKgW	GRD	MG	MD	OR	PA	2I		ARG	2I						Patchy weak argillic and phyllic altered GRD
										WH				PHC	2I						
			18.66	21.06	2.40	mKgW	GRD	MG	MD	GR	GR	2I		PRO	2I						Weak propyllitic altered GRD
										GY											
			21.06	21.91	0.85	mKgW	GRD	MG	LT	WH	GR	2I		ARG	2I						Weak argillic altered GRD
											OR										
			21.91	22.40	0.49	mKgW	GRD	MG	MD	OR	EN	2I		PHC	3I	2.00					Moderate phyllic altered GRD envelope around Qz/Cb vein hosting Py
										GY											
			22.40	24.57	2.17	mKgW	GRD	MG	MD	GR	GR	2I		PRO	2I						Weak propyllitic altered GRD
										GY											
			24.57	25.00	0.43	mKgW	GRD	MG	LT	GR	GR	2I		ARG	3I						Moderate argillic altered GRD
										WH											
			25.00	35.90	10.90	mKgW	GRD	MG	MD	GY	GR	2I		PRO	3I	<1					Patchy alteration halos of propyllitic, argillic, with weak potassic overprinting at 27-29m
										GR	PA			ARG	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
										PK				POT	2I						
			35.90	48.95	13.05	mKgW	GRD	MG	LT	GR	GR	2I		PHC	3I			To	2.00		Moderate phyllic altered GRD with patches of fine-medium grained pervasive To. Epidote in veinlets and replacing plagioclase? Associated with To? Frequent Cb veinlets 3/m.
										GY								Ep	2.00		
48.95	51.42	2.47				LKqP	FEL	FGMG	MD	GY	PO				3I						Medium green/tan altered FEL PO
										TN											
51.42	374.30	322.88				mKgW	GRD	MG													Alteration envelopes of propyllitic, phyllic and argillic around smoky Qz milky white Qz veins , often mineralized. Frequent Cb/Ak veinlets 2/m, 65-75° TCA
			51.42	68.62	17.20	mKgW	GRD	MG	LT	GR	EN			PHC	3I	<1		Gn	<1		Moderate/strong phyllic altered GRD hosting mineralized smoky Qz/milky white Qz veins
											GR				4I			Cp	<1		
																		Sp	<1		
			51.42	53.40	1.98	mKgW	GRD	MG						PHC	3I						Frequent Py stringers and Qz/Cb veins enveloping a pink Ch vein. 20+/m stringers/m
			64.30	65.10	0.80	mKgW	GRD	MG	MD	GR	FR			PHC	3I	2.00					Vuggy, siliceous phyllic altered GRD with netted Cb veinlets which have been oxidized and limonite stained. Py present
									LT												
			68.62	69.80	1.18	mKgW	GRD	MG	MD	GR	GR			PRO	3I						Moderate propyllitic altered GRD
										GY											
			69.80	75.16	5.36	mKgW	GRD	MG	LT	GR	EN			PHC	3I	1.00					Moderate/strong phyllic altered GRD envelope hosting PY stringers and mineralized veins described in secondary structures
			75.16	76.46	1.30	mKgW	GRD	MG	MD	GR				PRO	3I						Moderate propyllitic altered GRD
			76.46	77.62	1.16	mKgW	GRD	MG					3I	PHC	3I	<1					Silic flooded phyllic altered GRD with limonite stained fractures
			77.62	78.85	1.23	mKgW	GRD	MG	MD	GR				PRO	3I	1.00					Moderate propyllitic altered GRD hosting Py stringers.
										GY											
			78.85	79.94	1.09	mKgW	GRD	MG	LT	GR	PK			PHC	2I						Weak phyllic altered GRD with weak potassic overprinting.
										GY				POT	1I						
			79.94	92.49	12.55	mKgW	GRD	MG	MD	GR				PRO							Patchy propyllitic and phyllic alteration envelopes around Py stringers 3/m. 45-80° TCA
										GY				PHC							
			92.49	95.11	2.62	mKgW	GRD	MG	LT	GR	EN			PHC	4I	<1					Strong phyllic altered GRD
			95.11	99.40	4.29	mKgW	GRD	MG	MD	GR				PHC	3I	3.00					Moderate phyllic altered GRD hosting Py blebs and Py veinlets
			99.40	117.30	17.90	mKgW	GRD	MG	LT	GR	EN			PHC	4I	3.00		Ep	3.00		Strong phyllic altered GRD envelope crosscut by frequent epidote/Py veinlets and smoky Qz mineralized veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
			117.30	131.74	14.44	mKgW	GRD	MG	MD	GR	GR			PHC	3I	3.00		Ep	<1		Moderate phyllic altered GRD crosscut by Py strings (7/m). Ep present in some veinlets
										GY											
			131.74	134.00	2.26	mKgW	GRD	MG	LT	GR	EN			PHC	4I			He	<1		Strong phyllic altered GRD enveloping smoky Qz/Ak vein with vugs and prismatic Qz crystals. He present in fractures at 130 m
			134.00	138.36	4.36	mKgW	GRD	MG	MD	GR	GR			PHC	3I	1.00		Ep	1.00		Moderate phyllic altered GRD crosscut by Py stringers (7/m) ~1-2% Ep blebs adjacent and in veins
			138.36	149.60	11.24	mKgW	GRD	MG	LT	GR	EN			PHC	4I	1.00					Strong phyllic altered GRD crosscut by mineralized Qz/Cb veins
			149.60	164.15	14.55	mKgW	GRD	MG	LT	GR	PA			PHC	3I	2.00					Patchy alteration of moderate to strong phyllic altered GRD crosscut by Cb veinlets and infrequent Py stringers, scattered Qz/Cb veins.
									MD						4I						
			164.15	167.10	2.95	mKgW	GRD	MG	LT	GR	GR			ARG	3I						Moderate argillic altered GRD with weak potassic alteration
														POT	2I						
			167.10	173.05	5.95	mKgW	GRD	MG	LT	GR	EN			PHC	3I	<1					Strong phyllic altered GRD crosscut by Qz/Cb veins
			173.05	176.25	3.20	mKgW	GRD	MG	MD	GR	GR			PRO	3I	<1					Strong propyllitic/weak phyllic altered GRD
														PHC	2I						
			176.25	177.08	0.83	mKgW	GRD	MG	LT	PK	GR			ARG	2I						Weak/moderate argillic altered GRD
										GR					3I						
			177.08	195.05	17.97	mKgW	GRD	MG	LT	GR	GR			PHC	3I						Patchy alteration halos of weak/moderate phyllic altered GRD to weak/moderate propyllitic alteration. Infrequent Py stringers and 1/m Cb veinlets
									MD	GY				PRO	3I						
			195.05	196.03	0.98	mKgW	GRD	MG	LT	GR	EN			PHC	3I	<1					Moderate to strong phyllic altered GRD hosting milky pink Ch vein with Py
															4I						
			196.03	211.12	15.09	mKgW	GRD	MG	LT	PK	MO			ARG	3I	<1					Strong argillic altered GRD with a mottled green/pink texture. Very crumbly and fractured, almost brecciated/gougy.
										GR				POT?	2I						
			211.12	217.50	6.38	mKgW	GRD	MG	LT	GR	EN			PHC	3I	2.00					Moderate phyllic altered GRD hosting off white crustiform Ch veins.
			217.50	230.50	13.00	mKgW	GRD	MG	LT	GR				PHC	3I	<1					Moderate/strong phyllic altered GRD hosting grey/white Qz veins and Cb veinlets
															2I						
			230.50	235.35	4.85	mKgW	GRD	MG	LT	GR	PA			PHC	2I	<1					Patchy alteration of moderate/strong phyllic altered GRD, very fractured and friable
									MD						3I						
			235.35	250.45	15.10	mKgW	GRD	MG	LT	GR	EN			PHC	4I	3.00					Strong phyllic altered GRD enveloping mineralized smoky Qz veins.
			250.45	254.00	3.55	mKgW	GRD	MG	LT	PK	MO			ARG	4I	<1					Moderate/strong argillic altered GRD crosscut by dark, opaque, grey clay rich vein.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
										GR											
			254.00	268.57	14.57	mKgW	GRD	MG	LT	GR	EN			PHC	3I	1.00					Moderate, mostly strong phyllic altered GRD enveloping frequent mineralized smoky Qz veins.
									MD						4I						
			268.57	270.72	2.15	mKgW	GRD	MG	LT	GR	FR			ARG	3I						Highly fractured moderate argillic altered GRD
			270.72	278.70	7.98	mKgW	GRD	MG	LT	GR	EN			PHC	3I	1.00					Moderate/strong phyllic altered GRD hosting frequent mineralized Qz/Ch/Cb veins 3/m. <1% disseminated Py
															4I						
			278.70	281.55	2.85	mKgW	GRD	MG	LT	GR	FR			ARG	2I	<1					Moderate argillic alteration, highly fractured, phyllic overprinting?
														PHC	3I						
			281.55	302.35	20.80	mKgW	GRD	MG	LT	GR	EN			PHC	3I	2.00					Moderate/strong phyllic altered GRD enveloping mineralized Qz/Ch/Cb veins
															4I						
			302.35	311.20	8.85	mKgW	GRD	MG	LT	GR	PA			ARG	3I	<1					Patchy alteration of weak/moderate argillic, propyllitic, and weak phyllic altered halos of GRD
									MD	GY				PRO	3I						
										WH				PHC	2I						
			311.20	313.80	2.60	mKgW	GRD	MG	LT	GR	EN			PHC	4I	2.00					Strong phyllic altered GRD hosting Py stringers and breccia gouge.
			313.80	322.00	8.20	mKgW	GRD	MG	DK	GR	MO			PRO	3I						Moderate propyllitic altered GRD with weak potassic overprinting
										PK				POT	2I						
										GY											
			322.00	328.30	6.30	mKgW	GRD	MG	LT	GY	EN			PHC	3I	1.00					Moderate/strong phyllic altered GRD hosting mineralized veins/veinlets
										GR					4I						
			328.30	330.43	2.13	mKgW	GRD	MG	DK	GR				PRO	3I						Moderate propyllitic altered GRD
										GY											
			330.43	331.30	0.87	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Moderate/strong phyllic altered GRD enveloping a grey, translucent Qz, Ak, Cb veinlet; no mineralization.
															4I						
			331.30	333.33	2.03	mKgW	GRD	MG	DK	GR				PRO	3I	<1					Moderate propyllitic altered GRD
										GY											
			333.33	343.23	9.90	mKgW	GRD	MG	LT	GR	PA			PHC	3I						Patchy alteration halos of moderate argillic altered GRD and moderate/strong phyllic altered GRD crosscut by Qz/Ch/Cb mineralized veins
										PK				ARG	3I						
			343.23	358.26	15.03	mKgW	GRD	MG	LT	GR	EN			PHC	4I	1.00					Strong phyllic altered GRD enveloped a vein zone of smoky Qz/Ch/Cb mineralized veins. Majority of this interval is highly fractured, maybe advanced argillic (kaolinite) alteration, crosscut by phyllic enveloping veins.
			343.64	346.50	2.86	mKgW	GRD	MG	LT	GR				ARG	4I	2.00					Strong argillic altered GRD overprinted by phyllic alteration. No reaction with HCl. Disseminated Py present.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
			349.37	353.24	3.87	mKgW	GRD	MG	LT	GR	FR			ARG	4I	4.00					Strong argillic altered GRD, highly fractured, possible overprinted by phyllic alteration. Almost brecciated texture. No HCl reaction.
			358.26	361.90	3.64	mKgW	GRD	MG	LT	GR	PA			PRO	4I						Patchy alteration of strong propyllitic and moderate argillic altered GRD.
									DK	WH				ARG	3I						
			361.90	369.60	7.70	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Highly fractured (in strong argillic altered GRD) and slightly more competent in phyllic altered vein zones. Hosts mineralized Qz/Ch/Cb veins.
											FR			ARG	4I						
			369.60	373.05	3.45	mKgW	GRD	MG	DK	GR				PRO	4I						Strong propyllitic altered GRD hosting vuggy calcite veins
										GY											
			373.05	374.30	1.25	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Moderate phyllic altered GRD enveloping the FEL PO dyke
374.30	378.00	3.70				LKqP	FEL	PO	MD	GR	PO			PHC	3I						Moderate phyllic? Or argillic? Altered FEL PO dyke crosscut by Ak veinlets and one pink Ch crustiform bleb, infilled with calcite
										TN				ARG	3I						
378.00	413.73	35.73				mKgW	GRD	MG													Patchy alteration halos of GRD crosscut by infrequent Cb veinlets 45-90° TCA.
			378.00	384.30	6.30	mKgW	GRD	MG	DK	GR				PRO	4I						Strong propyllitic altered GRD hosting Cb veinlets
			384.30	391.10	6.80	mKgW	GRD	MG	LT	GR	PA			ARG	4I						Patchy alteration halos of argillic, phyllic and propyllitic altered GRD hosting infrequent smoky Qz veinlets mineralized with Py
									DK	GY				PRO	3I						
										WH				PHC	3I						
			391.10	392.25	1.15	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Moderate/strong phyllic altered GRD enveloping two mineralized Qz/Ch/Cb veins
															4I						
			392.25	408.10	15.85	mKgW	GRD	MG	LT	GR	PA			PRO	3I						Patchy alteration of argillic/propyllitic/phyllic altered GRD crosscut by infrequent Ak veinlets
									MD	WH				PHC	3I						
														ARG	3I						
			404.50	405.70	1.20	mKgW	GRD	MG	MD	GR				PRO	3I						Moderate propyllitic altered GRD with infrequent Cb veinlets
									DK	GY											
			409.10	410.45	1.35	mKgW	GRD	MG	DK	GR				PRO	3I						Moderate propyllitic altered GRD enveloping a phyllic envelope
										GY											
			409.18	409.48	0.30	mKgW	GRD	MG	LT	GR	EN			PHC	3I	1.00					Moderate p phyllic altered GRD enveloping mineralized smoky Qz veins
			410.45	413.73	3.28	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Patchy moderate phyllic and propyllitic altered GRD
									MD					PRO	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		GR=GRANITIC TEXTURE
413.73	414.65	0.92				LKqP	MAF	PO	MD	GR	PO		4I	PHC	3I	3.00		Se	<1		Siliceous Qz-feldspar porphyry dyke with mineralized veins and Py replacement textures (pervasive blebs). Book sericite present. Inequigranular phenocrysts of altered plagioclase ± hornblende ± magnetite. Partially replaced by pyrite. Not magnetic.
														PRO	###						
414.65	417.63	2.98				LKqP	FEL	PO	LT	GR	PO			PHC	3I			Ch	2.00		Moderate phyllic altered FEL PO with Cb veinlets and angular phenocrysts? Or replacement pink Ch veins
417.63	422.90	5.27				LKqP	MAF	PO	MD	GR	PO										Siliceous Qz-feldspar porphyry dyke with mineralized veins and Py replacement textures (pervasive blebs). Book sericite present. Inequigranular phenocrysts of altered plagioclase ± hornblende ± magnetite. Partially replaced by pyrite. Not magnetic.
									DK												
422.90	425.00	2.10				mKgW	GRD	MG	LT	GR	PA			PRO	2I						Patchy alteration halos of propyllitic, phyllic, and argillic altered GRD
									DK	GY				PHC	3I						
														ARG	3I						
			423.40	423.92	0.52	mKgW	GRD	MG	LT	WH				ARG	3I						Moderate argillic altered GRD
										PK											
			423.92	425.00	1.08	mKgW	GRD	MG	MD	GR				PRO	3I	1.00		Se	<1		Moderate propyllitic altered GRD with trace disseminated Py and book Se
										GY											
425.00	425.24	0.24				LKqP	MAF	PO	MD	GR	PA			PRO	3I	<1					Moderate phyllic altered MAF PO with trace disseminated Py
										GY				PHC	3I						
425.24	453.24	28.00				mKgW	GRD	MG	MD	GR	PA			PRO	3I						Patchy alteration of propyllitic, argillic, phyllic altered GRD. Phyllic altered envelopes around veins; broken out into sub intervals
										GY				PHC	3I						
										WH				ARG	3I						
			425.24	427.70	2.46	mKgW	GRD	MG	MD	GR				PRO	3I	1.00		Se	<1		Moderate propyllitic altered GRD with trace disseminated Py and book Se
										GY											
			425.70	426.74	1.04	mKgW	GRD	MG	LT	WH				ARG	3I						Moderate argillic altered GRD
										PK											
			435.60	436.34	0.74	mKgW	GRD	MG	LT	GR	EN			PHC	3I	2.00					Moderate phyllic altered GRD enveloping three Qz/Ch/Cb mineralized veins. Disseminated Py present
			439.00	449.75	10.75	mKgW	GRD	MG	LT	WH	GR			PHC	3I						Patchy moderate argillic/phyllic altered GRD crosscut by Ch/Cb veinlets @ 30-60°
										PK				ARG	3I						
			449.75	453.24	3.49	mKgW	GRD	MG						PRO	2I						Weak to moderate propyllitic altered GRD
															3I						
																					EOH 453.24 m

KLAZA

Hole: KL-12-66 **Logger Name: Xena Montague** **Date: June 22, 2012**

Depth (m)	DESCRIPTION
48.95	Sharp contact between mineralized Qz vein (hosted in GRD) and the quartz-feldspar porphyry dyke. Clasts are 1mm-2cm, composed of GRD and exist in the FEL PO
51.42	Sharp contact bewtween FEL PO and GRD. A 14 cm grey smoky Qz vein exists between the two units and contains clasts of GRD, little mineralization. 30 cm of FEL is gouge, very friable.
374.30	Sharp 80-90° contact between mineralized Qz vein (hosted in GRD) and the quartz-feldspar porphyry dyke. 15cm of FEL PO downhole is strong argillic altered, highly fractures, non-planar contact as dyke is fingered into GRD.
378.00	70° sharp contact between, uphole, FEL PO and downhole, GRD. 2cm uphole of FEL PO is strong clay altered. At 377.70 377.86 70° and 30° sharp contact of GRD exists forming a wedge shape.
413.74	75° sharp contact between, uphole vein zone (hosted in GRD) and downhole, MAF PO. Top 15cm of MAF PO dyke is strong clay altered, gougy, with clasts of GRD present.
414.70	60° sharp contact between uphole MAF PO and downhole FEL PO. Top 6cm of FEL PO is strong clay altered
417.65	70° sharp contact between uphole FEL PO and downhole MAF PO
422.90	45° sharp contact between uphole MAF PO and downhoel propylitic altered GRD. Bottom 8cm of MAF PO is fine grained, propylitic altered with replacement epidote and existing magnetite.
	EOH

KLAZA

Hole: KL-DDH-12-66 **Logger Name:** **Date:** June 18, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	4.00	4.08	0.08	70.00		1.00	Qz	90.00	Vuggy, strong oxidized Qz vein	
VN	7.74	7.76	0.02	42.00		1.00	Qz	95.00	Smoky Qz vein hosting fine-grained Py	
							Py	5.00		
VN	12.29	12.35	0.06	65.00		1.00	Qz	95.00	Milky grey Qz vein with vugs hosting Py	
							Gn	5.00		
GO	12.35	13.00	0.65	65.00		1.00	Py	1.00	Orange/brown intense oxidized faulted gouge	
VN	13.40	13.52	0.12	35.00		4.00	Cb	99.99	White calcite veins with brecciated oxidized GRD in between (veins are source of breccia texture)	
VN	17.10	17.24	0.14	70.00		1.00	Qz	70.00	Banded and brecciated Ch/Qz/Cb vein work. Moderate oxidation. Blebby Py in smoky Qz veinlets	
							Ch	10.00		
VN	21.95	22.00	0.05	70.00		1.00	Py	10.00	Milky white and smoky Qz vein hosting Py and possible Gn. Crosscut by Cb veining at 30° TCA	
VN	34.90	34.92	0.02	45.00		1.00	Cb	99.99	White Cb vein, no mineralization	
VT	36.20	36.21	0.01	80.00		1.00	Ch	99.99	Banded, vuggy, Ch veinlet	
VT	36.50	36.53	0.03	85.00		3.00	Py	5.00	Three smoky Qz/milky-white Qz veinlets hosting Py	
FT	34.32	38.32	4.00			1.00			Unknown orientation, highly oxidized, faulted/brecciated GRD, multiple fractures, gougy.	
GO										
VT	41.20	41.21	0.01	85.00		1.00	Ch	45.00	Crustiform Qz/Ch veinlet hosting Py	
							Qz	50.00		
							Py	5.00		
VN	44.48	44.52	0.04	85.00		1.00	Py	30.00	Smoky Qz vein hosting fine-medium grained Py and Gn	
							Gn	5.00		
FT	48.17	48.19	0.02	45.00		1.00	Py	<1		
FT	48.09	48.10	0.01	45.00		1.00	Py	<1		
VN	48.91	48.95	0.04	90.00		1.00				
GO	51.12	51.42	0.30	75.00		1.00	Py	<1	Gouge altered FEL PO at contact	
VN	51.42	51.54	0.12	85.00		1.00	Py	1.00	Crustiform smoky Qz rich, siliceous vein hosting trace, fine-grained Py crystals. Includes lenses of phyllic altered GRD	
VN	52.00	52.04	0.04	65.00		1.00	Py	5.00	Smoky Qz vein with milky white Qz eyes hosting Py and Sp	
							Sp	1.00		
VN	52.68	52.71	0.03	55.00		3.00	Py	5.00	Smoky Qz and Ak vein hosting cubic Py, euhedral Sp and blebs of Gn, all fine grained	
							Sp	1.00		
							Gn	1.00		
VT	52.32	53.40	1.08	55.00		20.00	Py	5.00	Frequent Py stringers and possible Gn	
							Gn	<1		
VN	52.97	53.05	0.08	70.00		1.00	Py	3.00	Milky white/pink Ch vein, vuggy, crosscut by netted smoky Qz veinlets. Mineralization adjacent to Ch in	
							As	3.00		
							Gn	1.00		
							Sp	1.00		
VN	54.14	54.15	0.01	60.00		1.00	Gn	10.00	Smoky Qz vein hosting Gn and Py	
							Py	8.00		
DK	48.95	51.42	2.47	80.00		1.00			FEL PO Dyke	
DK	55.37	55.64	0.27	30.00		2.00	Py	2.00	Two silica rich dykes intruding of the GRD hosting blebby Py and Cl (altered Bt?)	
							Cl	2.00		
VN	58.61	58.64	0.03	75.00		1.00	Py	30.00	Milky white Qz/smoky Qz vein hosting Py	
VN	59.47	59.49	0.02	80.00		1.00	Py	60.00	Dark grey aphanitic mineralized vein (smoky Qz). Multiple stringers of Py and Gn	
							Gn	10.00		
VN	59.79	59.82	0.03	70.00		1.00	Gn	65.00	Completely mineralized vein. Gn dominated (up to 1.3cm crystals) with Cp, Py, and blebs of honey brown Sp	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Cp	20.00		
							Sp	10.00		
							Py	5.00		
VT	59.60	59.90	0.30	70.00		6.00	Gn	2.00	Mineralized veinlets adjacent to the above vein	
							Sp	2.00		
							Cp	2.00		
							Py	2.00		
VT	62.12	62.20	0.08	70.00		2.00	Py	5.00	Epidote/Qz veinlets hosing Py	
							Ep	20.00		
VN	62.28	62.31	0.03	65.00			Ep		Epidote vein with netted texture hosting Py blebs. Some Cl present	
							Py			
							Cl			
VT	63.40	63.60	0.20	60.00		2.00	Py	2.00	Milky Qz/smoky Qz veinlets with minor Cb hosting Py	
VN	63.86	64.01	0.15	80.00		1.00	Py	40.00	Smoky Qz and white, translucent Qz vein with pink/white Ch veins on the downhole end. Hosting blebby	
							As	2.00		
							Gn	2.00		
							Sp	5.00		
VN	64.06	64.20	0.14	85.00		1.00	Gn	1.00		
							Sp	1.00		
							Py	1.00		
VN	65.15	65.25	0.10	85.00		2.00	Py	2.00	Smoky Qz veins hosting Py, honey brown Sp, As?	
							Sp	<1		
							As	<1		
VN	72.65	72.70	0.05	85.00		1.00	Py	60.00	Milky white Qz/smoky Qz vein hosting Py, Cp and As	
							As	5.00		
							Cp	8.00		
VT	74.00	74.50	0.50	70.00		7.00	Py		1 cm Smoky Qz veins hosting Py	
VN	83.04	86.06	3.02	65.00		1.00	Py	10.00	Milky Qz and ankerite vein hosting Py, honey brown Sp and Gn	
							Ap	5.00		
							Gn	1.00		
VN	84.75	84.77	0.02	75.00		1.00	Py	25.00	Milky white Qz vein hosting Py, Sp and Cp	
							Sp	5.00		
							Cp	1.00		
VT	86.00	86.80	0.80	80.00		3.00	Py		Smoky Qz/milky white vein hosting Py and Sp	
							Sp			
VN	92.98	93.00	0.02	70.00		1.00	Py	75.00	Smoky Qz vein hosting massive Py and trace Gn	
							Gn	2.00		
GO	94.39	94.44	0.05						Light green faulted gouge	
VT	94.44	95.00	0.56	55.00		20.00			Netted ankerite veinlets downhole from gouge	
VN	99.49	99.51	0.02	85.00		1.00	Py	20.00	Smoky Qz and Ak vein hosting Py	
VN	101.82	101.90	0.08	75.00		1.00	Py	35.00	Smoky Qz and translucent white Qz vein hosting Py and As	
							As	3.00		
VT	105.77	107.28	1.51	80.00		3.00	Py	<1	Smoky Qz vein mineralized with Py	
VN	109.13	109.15	0.02	80.00		1.00	Py	3.00	vuggy, smoky Qz/Ch vein hosting Py	
VT	109.15	117.30	8.15	60.00		10.00	Py	3.00	Frequent Ep/smoky Qz veinlets hosting Py mineralization	
							Ep	3.00		
VN	110.66	110.67	0.01	70.00		1.00	Py	25.00	Smoky Qz vein mineralized with Py	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	114.00	118.50	4.50	60.00		9.00	Py	<1	Smoky Qz and white translucent veins hosting Py, one with Gn, Sp and As (at 114.70m)	
							Gn	<1		
							Sp	<1		
							As	<1		
VN	120.50	120.52	0.02	55.00		1.00	Py	40.00	Smoky Qz and white Cb vein hosting Py and Cp	
							Cl	10.00		
							Cp	5.00		
							Cb	10.00		
VN	127.85	127.88	0.03	70.00		1.00	Py	55.00	Translucent white Qz vein with Cb hosting blebby Py and Cp	
							Cp	5.00		
VN	132.15	132.30	0.15	80.00		2.00	Py	2.00	Smoky Qz and milky white Qz with ankerite with vugs filled with euhedral calcite. Vein is hosting trace disseminated Py	
VN	138.47	138.50	0.03	85.00		1.00	Py	3.00	Smoky Qz/Ak vein hosting disseminated Py	
VN	139.59	139.62	0.03	70.00		1.00	Py	3.00	White translucent Qz/Ak vein hosting blebby Py with minor a sericitic selvage	
VN	142.48	142.50	0.02	65.00		1.00	Py	10.00	White translucent Qz/Ak vein hosting blebby Py	
VN	143.78	143.80	0.02	65.00		1.00	Py	60.00	Smoky Qz vein hosting blebby/massive Py	
GO	143.97	144.02	0.05	65.00		1.00	Py	35.00	Faulted gouge hosting euhedral Py	
VN	152.90	152.95	0.05	60.00		1.00	Py	4.00	Brecciated, minor vugs of smoky Qz, ankerite and pink Ch hosting blebby and disseminated Py	
VN	157.35	157.47	0.12	70.00		1.00	Py	25.00	White, translucent Qz vein with Ak and crustiform Ch hosting FG-MG blebby and disseminated Py	
FT/GO	157.65	158.52	0.87	35.00		1.00			Shallow bearing fault gouge through strong phyllic altered GRD	
VN	161.12	161.14	0.02	70.00		1.00	Py	15.00	Smoky Qz vein hosting Py	
VN	162.67	162.74	0.07	65.00			Py	20.00	Pink/white Ch vein selvaged with mineralization. Smoky Qz interstitial to mineralization. Py/Cp/As is very	
							As	5.00		
							Sp	10.00		
							Gn	2.00		
							Cp	5.00		
GO	162.99	163.55	0.56	45.00		1.00	Py	75.00	Smoky Qz vein hosting massive Py	
VN	165.12	165.16	0.04	70.00		1.00	Py	5.00	Smoky Qz/pink-white Ch vein hosting disseminated-blebby Py	
GO	167.52	167.55	0.03	30.00		1.00	Py	2.00	Fault with mineralized gouge/breccia in a 2cm width	
GO	168.00	168.40	0.40	20.00		1.00	Py	2.00	Fault with mineralized gouge/breccia in a 2cm width	
FT	169.35	170.57	1.22			1.00	Py	2.00	Brecciated fault with gouge in-between phyllic altered GRD hosting disseminated Py	
GO										
BX										
VN	172.00	172.02	0.02	75.00		1.00	Py	20.00	Smoky Qz and Ak vein hosting blebby Py, minor brecciated texture	
VN	177.28	177.30	0.02	75.00		1.00	Py	20.00	Smoky Qz vein hosting blebby and disseminated Py	
VN	179.93	179.95	0.02	75.00		1.00	Py	2.00	Smoky Qz vein crosscut by Cb veinlet hosting Py with PHC altered halo (35cm wide)	
VN	181.50	181.53	0.03	75.00		1.00	Py	20.00	Translucent white Qz with Cb vein with ripped up Qz within. Hosting blebby Py	
VN	183.08	183.10	0.02	65.00		1.00	Py	5.00	Smoky Qz vein with Cb/Ak hosting blebby Py	
VN	187.28	187.29	0.01			1.00	Py	2.00	Smoky Qz/Ak veinlet hosting Py	
VN	187.75	187.78	0.03	80.00		1.00	Py	40.00	Smoky Qz vein hosting blebby to massive Py and Cp	
								5.00		
VN	189.72	189.75	0.03	75.00		1.00	Py	10.00	Smoky Qz vein hosting blebby Py	
VN	195.95	196.01	0.06	30.00		1.00	Py	4.00	Crustiform milky white Ch vein hosting trace disseminated Py	
VN	196.30	196.38	0.08	40.00		1.00	Py	1.00	Dark, opaque grey clay rich vein hosting trace disseminated Py	
VN	211.20	211.27	0.07	20.00		1.00	Py	1.00	Dark, opaque grey clay rich vein hosting trace disseminated Py	
VN	211.85	211.90	0.05	5.00		1.00			Crustiform milky vein with comb quartz infilled with calcite, no mineralization	x
VN	213.20	213.25	0.05	60.00		12.00			Pink Ch vein, crustiform texture, calcite infilling, ankerite veinlets also infilling	x

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	215.75	215.76	0.01	65.00		1.00	Py	15.00	Smoky Qz/translucent white Qz vein hosting blebby Py	
VN	218.13	218.15	0.02	86.00		1.00	Py	5.00	Smoky Qz/Ak vein hosting blebby Py	
VN	221.50	221.62	0.12	65.00		1.00	Py	55.00	Pink Ch, Al, Cb flooded gougy vein hosting euhedral Py and blebs	
VT	221.15	222.20	1.05	65.00		6.00	Py	5.00	Py stringers	
VN	226.33	226.35	0.02	60.00		1.00	Py	30.00	Smoky Qz vein hosting blebby Py	
VN	234.80	234.82	0.02	60.00		1.00	Py	10.00	Smoky Qz vein hosting blebby Py	
GO	244.70	245.30	0.60	30.00		2.00			Gougy, brecciated fault	
VN	247.39	247.60	0.21	70.00		2.00			Dark, pink, siliceous dyke/vein	
VN	249.00	250.10	1.10	70.00		3.00	Py		Three smoky Qz/off-white Ch/Cb veins, one 3cm hosting 0.5 cm band of As and other two just Py	
							As			
VN	254.32	254.36	0.04	85.00					Smoky Qz vein hosting blebby Py	
VN	256.90	256.95	0.05	85.00		1.00	Py	7.00	The vein is composed of pale white/pink Ch with minor comb, grey, translucent Qz infilled with calcite	
							Cp	7.00		
VN	260.30	270.30	10.00	65.00		18.00	Py	5.00	Within each vein: Smoky Qz, translucent grey Qz vein hosting Py stringers. 1cm-cm wide veins.	
VN	263.20	263.22	0.02	60.00		1.00	Py	8.00	Smoky Qz and vuggy pink Ch vein with minor Cb infilling hosting Py stringers	
VN	268.00	268.03	0.03	80.00		2.00	Py	5.00	Smoky Qz and off white Ch vein hosting blebs of Py	
VT	271.00	278.70	7.70	70.00		12.00	Py	2.00	Smoky Qz/pink Ch/white Cb veins often hosting blebby Py	
VN	273.20	273.25	0.05	60.00		1.00	Py	10.00	Vuggy comb pink/white Ch, hosting blebby Py	
VN	275.44	275.48	0.04	80.00		1.00	Py	40.00	Smoky Qz vein with comb Ch, infilled with Ak hosting fine grained to massive Py	
VN	282.14	282.18	0.04	70.00		3.00	Py	15.00	Pink comb Ch with Ak hosting blebby Py	
VN	284.75	284.80	0.05	75.00		1.00	Py	2.00	Vuggy comb pink/white Ch, grey, translucent Qz with Ak, slight crustiform texture	
VN	288.24	288.34	0.10	25.00		1.00	Py	1.00	Siliceous brown/orange Qz veinlet crosscut by calcareous flooded breccia, hosting disseminated Py	
VN	289.00	289.02	0.02	65.00		1.00	Py	30.00	Black, very fine grained vein/veinlet hosting blebby Py	
VN	292.25	292.32	0.07	60.00		1.00	Py	35.00	White/pink Ch vein, crustiform texture, with a late stage Ak VT. Enveloped by smoky Qz vein which hosts	
							Sp	5.00		
VN	294.25	294.37	0.12	25.00		1.00	Py	35.00	White/pink Ch vein, crustiform texture, with a late stage Ak VT. Enveloped by smoky Qz vein which hosts	
							Sp	3.00		
VT	299.00	300.40	1.40	75.00		4.00	Py	5.00	Py stringers	
VN	300.70	300.74	0.04	75.00		1.00	Py	50.00	Translucent/white Qz vein hosting massive Py	
DK	311.55	311.65	0.10	40.00		1.00	Py	3.00	Black breccia dyke hosting disseminated Py. Clasts are angular, phyllic altered GRD 1mm-3cm	x
FT	311.75	312.25	0.50	45.00		1.00	Py	<1	Highly fractures, friable phyllic altered GRD hosting disseminated Py	
GO										
VT	313.80	322.00	8.20	65.00		12.00			Cb veinlets	
VN	324.00	324.25	0.25	40.00		4.00	Py	1.00	Netted calcite veins and veinlets with one off white Ch veinlet hosting Py and Sp	
							Sp	1.00		
VN	325.38	325.41	0.03	75.00		1.00	Py	35.00	Smoky Qz vein hosting disseminated Py and As	
							As	3.00		
VN	325.85	326.00	0.15	75.00		2.00	Py	2.00	Translucent white Qz vein with off white Ch veinlet. Slight netted texture. Disseminated to small blebs of Py	
VN	327.75	327.85	0.10	70.00		1.00	Py		Smoky Qz, white Cb, Ch (minor) vein hosting large blebs (3cm) of Cp rimmed with honey brown Sp. Top	
							Cp			
							Sp			
							As			
VN	337.41	338.00	0.59	30.00		6.00			Netted Cb veinlets crosscutting Ch/Ak/Qz veins	
VN	337.70	337.76	0.06	85.00		1.00	Py	5.00	Smoky Qz vein with off white Ch hosting medium grained Sp and blebby Py/Cp	
							Sp	15.00		
							Cp	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	337.85	338.00	0.15	90.00		3.00	Py	2.00	Off white Ch veins hosting Sp and Py	
								3.00		
GO	343.64	346.50	2.86				Py	2.00	Strong argillic altered GRD overprinted by phyllic alteration. No reaction with HCl. Disseminated Py present	
FT/BX										
VN	346.73	346.88	0.15	25.00		1.00	Py	3.00	Smoky Qz, Ak, calcite vein hosting blebby Py, and fine-medium grained honey brown/black jack Sp	
							Sp	2.00		
VN	347.12	347.40	0.28	75.00		1.00	Py	10.00	10 cm smoky Qz vein with off white Ch. 9 cm on either side of argillic altered GRD. Hosting disseminated Py and veinlets	
VN	349.78	349.90	0.12	70.00		1.00	Py	20.00	*new zone* Smoky Qz/off white/tan Ch, white Cb veining, brecciated texture hosting fine-coarse grained Py. Possibly As/Sp/Gn in fine grained black (remnant) veining	
VN	350.80	350.92	0.12	60.00		1.00	Py	15.00	Very altered vein, smoky Qz dominated with minor off white Ch hosting medium-coarse grained Py	
VN	352.20	352.31	0.11	55.00		1.00	Py	5.00	Very altered vein, smoky Qz dominated with minor off white Ch hosting fine grained Py and v. fine grained As	
							As	3.00		
VN	353.10	353.18	0.08	90.00		1.00	Py	15.00	Competent vein (compared to the two up hole). Smoky Qz with minor off white Ch, hosting fine-grained blebby Py, Cp and euhedral Sp	
							Cp	2.00		
							Sp	2.00		
VN	353.90	353.93	0.03	85.00		1.00	Py	60.00	Translucent grey Qz/white Ch vein hosting massive Py	
VN	352.75	352.90	0.15	80.00		2.00	Py	5.00	Two 2cm smoky Qz veins with minor white Ch veinlets and Ak veinlets. Hosting Py and Sp in blebs	
							Sp	3.00		
VN	356.34	356.36	0.02	75.00		1.00	Py	10.00	Off white Ch and Ak vein hosting disseminated to blebby Py. Strong argillic altered GRD up hole for 15cm	
VN	357.60	357.95	0.35	75.00		2.00	Py	7.00	Dominantly off white/pink Ch vein, minor crustiform Qz texture, Ak present. Both veins very clay altered, rich in euhedral Py. Blebby Py with associated As	
							As	2.00		
VT	363.39	363.40	0.01	35.00			He	60.00	Hematite veinlet	
VN	366.95	367.13	0.18	50.00		3.00	Py	5.00	3 mineralized smoky Qz, milky white Ch veins. Sulphides are blebby and disseminated.	
							As	2.00		
							Sp	5.00		
							Cp	<1		
VN	367.53	367.59	0.06	60.00		1.00	Py	7.00	Smoky Qz vein with off white Ch and white Cb veining hosting blebby Py and blebby honey brown Sp	
							Sp	5.00		
FT	368.45	368.52	0.07	40.00		1.00			Highly clay altered fault	
VN	368.95	368.96	0.01	65.00		1.00			Vuggy calcite vein	
FT	359.10	359.18	0.08	20.00		1.00			Highly clay altered fault	
VN	374.04	374.16	0.12	65.00		1.00	Py	15.00	Smoky Qz vein hosting blebby Py, As and honey brown Sp	
							As	4.00		
							Sp	2.00		
FT	375.95	375.98	0.03	80.00		1.00			Highly clay altered fault	
VN	378.75	378.76	0.01	65.00		1.00	Py	2.00	Pink/white Ch crustiform vein, infilled with calcite, one grey, mineralized Qz vein	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	391.36	391.51	0.15	90.00		1.00	Py	15.00	First 4 cm is smoky Qz vein hosting blebby to stringers of Py, next 3.5cm is slight brecciated, crustiform white chalcedony with lenses of smoky, microcrystalline Qz, bands of Ak present. Blebby Py present in smoky Qz lenses. Next 3 cm is phyllic altered GRD hosting blebs of Py. Remainder 4 cm is mineralized smoky Qz hosting fine grained massive Py and stringers crosscut by calcite veinlets	
VN	392.00	392.09	0.09	85.00		1.00	Py	25.00	Smoky Qz vein infilled with blebby Py with vuggy pink Ch filled with calcite	
VN	397.20	397.40	0.20	70.00		1.00			Gouge matrix with GRD clasts, slight breccia texture	
VN	398.53	398.56	0.03	80.00		1.00	Py	55.00	Smoky Qz vein hosting fine grained to massive Py and As	
							As	5.00		
VN	400.67	400.70	0.03	75.00		1.00			Brecciated smoky Qz/Ak vein with clasts of phyllic altered GRD	
VT	402.05	402.20	0.15				Py	20.00	Section of strong propyllitic altered GRD hosting frequent blebs of Py	
VT	404.25	404.26	0.01	80.00		1.00	Py	30.00	Smoky Qz vein with white Ch blebs hosting blebby Py, honey brown Sp and Gn	
							Sp	10.00		
							Gn	2.00		
VT	409.36	409.42	0.06	75.00		5.00	Py	20.00	Set of Py stringers hosted in smoky Qz vein	
VN	410.36	410.37	0.01	80.00					Smoky Qz vein hosting fine grained massive Py and an Ak/Ca veinlet hosting Sp/Py/Cp	
VN	413.61	413.74	0.13	90.00		1.00	Py	20.00	Smoky Qz vein hosting blebby Py, interstitial As, Cp, Py and Sp. Blebs of Gn (minor). Off white Ch veinlet present with blebs of Sp	
							As	1.00		
							Sp	3.00		
							Gn	2.00		
							Cp	2.00		
GO	414.66	414.68	0.02	60.00		1.00			Gouge altered FEL PO at contact	
VT	413.74	414.65	0.91	60.00		5.00			Netted, off white Ch/Ca veinlets crosscutting. One 1 cm Qz/Ch/Cb vein hosting blebby Py, slight brecciated texture	
VN	427.28	427.38	0.10	85.00			Py	5.00	Smoky Qz, white Cb vein minor Ak vein enveloped by Py stringers in smoky Qz. Small blebs of honey brown Sp and Gn present	
							Gn	1.00		
							Sp	1.00		
VN	428.34	428.40	0.06	45.00		1.00	Py	1.00	Off white Ch/white Cb vein with clasts of GRD present. Smoky Qz hosting blebby Py present	
BX	428.00	428.40	0.40			1.00			MAF PO matrix and angular (7cm) clasts (1-7cm) of phyllic altered GRD	
VN	435.90	435.95	0.05	75.00		2.00			Crustiform Ch veining, multiple stages, flooded with calcite. No mineralization	
VN	436.02	436.06	0.04	75.00		1.00	Py	7.00	Smoky Qz, milky grey microcrystalline Qz, white/pink Ch Qz vein hosting blebby Py and Sp ± As	
							Sp	2.00		
VN	440.42	440.48	0.06	80.00		1.00			Siliceous vein, microcrystalline smoky Qz, no mineralization. Clasts of plagioclase? Texture similar to siliceous dyke (MAF PO)	
GO	441.15	441.50	0.35	75.00		1.00			Strong altered, gougy matrix with clasts of GRD	
GO	447.90	447.97	0.07	60.00		1.00			Strong altered, gougy matrix with clasts of GRD	
VN	449.35	449.45	0.10	75.00		1.00	Py	15.00	Smoky Qz, hosting blebby Py ± As, minor Sp. Off white Ch veinlets present.	
							Ch	1.00		
							Sp	1.00		
									EOH	

KLAZA

Hole: KL-12-66 **Date:** 22-Jun-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
59.8	10.1	6.3	1074.3	794	GRD		PHC	3I	Gn	65	3.41219	3.832679	Completely mineralized vein hosting massive Gn, Cp, Py & Sp.
									Cp	20			
									Py	5			
									Sp	10			
72.65	10.1	6.3	1136.6	796.5	GRD	EN	PHC	4I	Py	60	3.610067	3.341958	Strong phyllic altered GRD enveloping a smoky Qz vein hostin Py, Cp, and As
									As	5			
									Cp	8			
81.2	9.25	6.3	1190	879.5	GRD		PHC	4I	Py	70	4.126998	3.832528	Massive Py and As vein in smoky Qz vein
					VEN				As	30			
97.18	10.9	6.3	934.6	588.7	GRD		PHC	4I			2.750605	2.701937	Strong phyllic, silica flooded GRD hosting a smoky Qz veinlet
							SIL						
133.46	10	6.3	852.1	529.2	GRD		PHC	4I	Py	<1	2.733503	2.638897	Strong PHC altered GRD hosting <1% diss Py.
164.3	10.3	6.3	823	493.3	GRD		ARG	3I			2.563254	2.496209	Moderately argillic altered GRD with a weak PHC overprint
							PHC	2I					
194.5	10	6.3	816.2	498.4	GRD		PRO	3I	Py	2	2.618337	2.568282	Moderate propylitic altered GRD, blebby Py
214.15	10.2	6.3	847.3	520	GRD		ARG	3I			2.664809	2.588756	Weak PHC overprinted moderate ARG altered GRD
							PHC	1I					
216.35	9.7	6.3	934.2	626.3	GRD		PHC	4I	Py	20	3.089564	3.034102	Strong phyllic alteration with Qz vein hosting Py
231.15	9.8	6.3	775.7	459.7	GRD		ARG	4I			2.539199	2.454747	Strong argillic altered GRD with weak potassic overprinting
							POT	1I					
260.75	10	6.3	890.2	566.3	GRD		PHC	4I	Py	8	2.855726	2.748379	Milky-smoky Qz vein hosting Py in phyllic altered GRD

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
293.6	10.2	6.3	863.8	534.8	GRD		PRO	4I			2.716702	2.625532	Mod/Strong propylitic altered GRD
297.8	10.05	6.3	872.2	552.6	GRD		PHC	3I	Py	1	2.784063	2.729036	Moderate phyllic alteration with a Py stringer
310.2	9.5	6.3	744.3	438	GRD		ARG	2I			2.513353	2.429971	Weak-moderate argillic altered GRD
								3I					
324.15	10.1	6.3	872	548.5	GRD		PHC	2I			2.769645	2.695518	calcite veins/veinlets
333.3	10.2	6.3	838.1	510.7	GRD		PRO	2I			2.635874	2.559866	Weak propylitic altered GRD
343	9.6	6.3	749.3	437.5	GRD		ARG	3I			2.50388	2.403143	Moderate propylitic/argillic altered GRD
334.8	10.15	6.3	871.6	549.8	GRD		PHC	3I	Py	<1	2.754737	2.708515	Moderate phyllic altered GRD with trace disseminated Py
360.25	9.8	6.3	798.3	487.2	GRD		ARG	3I			2.613178	2.566056	Patchy propylitic/argillic altered GRD
							PRO	3I					
375	9.9	6.3	832.9	512.9	FEL	PO	?	2I			2.698899	2.602813	Tan/green, weak-moderate altered (clay) FEL PO
337.25	10	6.3	813.9	519.2	FEL	PO	?	2I	Ak	3	2.610959	2.761792	Green, phyllic? Altered FEL PO hosting elongated blebs of Ak/Cb
									Cb	3			
405.45	9.6	6.3	813.9	504.7	GRD		PRO	2I			2.719749	2.632277	
								3I					Weak to moderate propylitic altered GRD
415.5	9.4	6.3	801.4	498.3	FEL	PO	PHC	3I	Ch	3	2.734957	2.644012	Weak-moderate phyllic altered FEL PO with phenocryats of pink Ch
419.4	10	6.3	882.5	559.7	MAF	PO	PHC	3I	Se	<1	2.831025	2.733891	Moderate phyllic altered MAF PO with Sp and Py in stringers and book sericite. Non magnetic
									Py	<1			
									Sp	<1			
422.05	8.2	6.3	596.5	395.8	MAF	PO	PRO	4I	Ep	5	2.333596	2.972098	Magnetic MAF PO, with radiating

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
									Py	5			euhedral epidote replacing plag. Blebs of Py. Strong propylitic alteration due to the abundance of Ep.
													EOH

KLAZA

Hole: **KL-DDH-12-66** **Date:** June 22, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
2.00	3.45	1.45	1.39	95.9	N829451	1				0-2.00 m, OVB, no sample
3.45	6.21	2.76	2.47	89.5	N829452	1				
6.21	9.20	2.99	2.80	93.6	N829453	1				
9.20	11.95	2.75	2.75	100	N829454	1				
					N829455					STD 2
11.95	12.95	1.00	0.98	98	N829456	1				
					N829457					BLANK
12.95	14.19	1.24	1.20	96.8	N829458	1				
14.19	16.47	2.28	2.26	99.1	N829459	1				
16.47	17.47	1.00	0.98	98	N829460	1				
17.47	19.47	2.00	1.93	96.5	N829461	1				
19.47	21.63	2.16	2.00	92.6	N829462	1				
21.63	22.63	1.00	1.00	100	N829463	1				
22.63	24.47	1.84	1.84	100	N829464	1				
					N829465					BLANK
24.47	26.35	1.88	1.83	97.3	N829466	1				
26.35	27.40	1.05	0.92	87.6	N829467	1				
27.40	29.57	2.17	2.09	96.3	N829468	1				
					N829469					DUPLICATE
29.57	31.75	2.18	2.01	92.2	N829470	1				
31.75	33.90	2.15	2.14	99.5	N829471	1				
					N829472					STD 2
33.90	36.12	2.22	1.95	87.8	N829473	1				
36.12	37.12	1.00	0.89	89	N829474	1				
37.12	38.50	1.38	1.30	94.2	N829475	1				
38.50	39.33	0.83	0.80	96.4	N829476	1				
39.33	40.33	1.00	1.00	100	N829477	1				
40.33	42.00	1.67	1.60	95.8	N829478	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
42.00	43.81	1.81	1.80	99.4	N829479	1				
43.81	44.81	1.00	0.70	70	N829480	1				
44.81	46.00	1.19	1.17	98.3	N829481	1				
46.00	47.00	1.00	1.00	100	N829482	1				
					N829483					COARSE REJECT DUPLICATE
47.00	48.00	1.00	0.86	86	N829484	1				
48.00	49.00	1.00	0.95	95	N829485	1				
49.00	51.28	2.28	2.26	99.1	N829486	1				
51.28	52.28	1.00	0.98	98	N829487	2				
					N829488					BLANK
52.28	53.43	1.15	1.15	100	N829489	2				
53.43	55.77	2.34	2.33	99.6	N829490	2				
55.77	57.96	2.19	2.19	100	N829491	2				
					N829492					STD 1
57.96	58.98	1.02	1.02	100	N829493	2				
58.98	59.98	1.00	1.00	100	N829494	2				
59.98	61.82	1.84	1.84	100	N829495	2				
61.82	63.39	1.57	1.55	98.7	N829496	2				
63.39	64.39	1.00	1.00	100	N829497	2				
					N829498					BLANK
64.39	65.62	1.23	1.22	99.2	N829499	2				
65.62	68.51	2.89	2.87	99.3	N829500	2				
68.51	70.34	1.83	1.83	100	N829501	2				
70.34	72.24	1.90	1.90	100	N829502	2				
72.24	73.24	1.00	1.00	100	N829503	2				
					N829504					STD 3
73.24	75.00	1.76	1.76	100	N829505	2				
75.00	76.46	1.46	1.40	95.9	N829506	2				
76.46	77.62	1.16	1.10	94.8	N829507	2				
77.62	79.25	1.63	1.63	100	N829508	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
79.25	80.53	1.28	1.26	98.4	N829509	2				
					N829536					DUPLICATE * INSERTED N829536
80.53	81.53	1.00	0.98	98	N829510	2				
81.53	83.08	1.55	1.54	99.4	N829511	2				
83.08	86.00	2.92	2.90	99.3	N829512	2				
86.00	87.00	1.00	1.00	100	N829513	2				
87.00	89.83	2.83	2.83	100	N829514	2				
89.83	92.04	2.21	2.20	99.5	N829515	2				
92.04	93.13	1.09	1.00	91.7	N829516	2				
93.13	94.65	1.52	1.52	100	N829517	2				
94.65	97.78	3.13	2.97	94.9	N829518	2				
97.78	98.96	1.18	1.18	100	N829519	2				
					N829520					COARSE REJECT DUPLICATE
98.96	99.97	1.01	1.00	99	N829521	2				
99.97	101.04	1.07	1.07	100	N829522	3				
101.04	102.10	1.06	1.00	94.3	N829523	3				
					N829524					BLANK
102.10	103.66	1.56	1.56	100	N829525	3				
103.66	105.65	1.99	1.99	100	N829526	3				
					N829527					STD 1
105.65	107.42	1.77	1.70	96	N829528	3				
107.42	109.01	1.59	1.59	100	N829529	3				
109.01	110.72	1.71	1.53	89.5	N829530	3				
110.72	113.64	2.92	2.92	100	N829531	3				
113.64	116.16	2.52	2.52	100	N829532	3				
116.16	117.40	1.24	1.24	100	N829533	3				
					N829534					BLANK
117.40	120.00	2.60	2.60	100	N829535	3				
120.00	122.20	2.20	2.18	99.1	N829537	3				* N829536 IS INSERTED ABOVE
122.20	124.05	1.85	1.75	94.6	N829538	3				
124.05	127.10	3.05	3.05	100	N829539	3				
127.10	130.15	3.05	2.90	95.1	N829540	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
130.15	131.45	1.30	1.30	100	N829541	3				
					N829542					DUOLICATE
131.45	132.49	1.04	1.00	96.2	N829543	3				
132.49	134.00	1.51	1.50	99.3	N829544	3				
134.00	136.05	2.05	2.05	100	N829545	3				
136.05	138.95	2.90	2.90	100	N829546	3				
138.95	139.95	1.00	1.00	100	N829547	3				
139.95	141.75	1.80	1.76	97.8	N829548	3				
					N829549					STD 1
141.75	143.50	1.75	1.75	100	N829550	3				
143.50	144.42	0.92	0.92	100	N829551	3				
144.42	146.45	2.03	2.03	100	N829552	3				
146.45	148.25	1.80	1.80	100	N829553	3				
148.25	150.00	1.75	1.75	100	N829554	3				
					N829555					COARSE REJECT DUPLICATE
150.00	152.00	2.00	1.92	96	N829556	3				
152.00	153.05	1.05	1.05	100	N829557	3				
153.05	155.88	2.83	2.80	98.9	N829558	3				
155.88	156.70	0.82	0.82	100	N829559	4				
156.70	158.50	1.80	1.76	97.8	N829560	4				
158.50	160.50	2.00	2.00	100	N829561	4				
160.50	162.45	1.95	1.95	100	N829562	4				
162.45	163.55	1.10	1.10	100	N829563	4				
					N829564	4				BLANK
163.55	165.05	1.50	1.46	97.3	N829565	4				
165.05	166.10	1.05	1.00	95.2	N829566	4				
166.10	168.60	2.50	2.50	100	N829567	4				
168.60	169.35	0.75	0.75	100	N829568	4				
169.35	170.65	1.30	1.3	100	N829569	4				
					N829570	4				STD 2
170.65	173.50	2.85	2.80	98.2	N829571	4				
173.50	175.52	2.02	1.90	94.1	N829572	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
175.52	176.25	0.73	0.70	95.9	N829573	4				
176.25	178.75	2.50	2.50	100	N829574	4				
178.75	181.44	2.69	2.70	100	N829575	4				
181.44	183.18	1.74	1.72	98.9	N829576	4				
183.18	185.12	1.94	1.94	100	N829577	4				
185.12	187.05	1.93	1.93	100	N829578	4				
					N829579	4				DUPLICATE
187.05	188.05	1.00	1.00	100	N829580	4				
188.05	189.40	1.35	1.35	100	N829581	4				
189.40	190.42	1.02	1.00	98	N829582	4				
190.42	193.25	2.83	2.70	95.4	N829583	4				
193.25	195.45	2.20	2.20	100	N829584	4				
					N829585	4				STD 1
195.45	197.15	1.70	1.70	100	N829586	4				
197.15	200.25	3.10	3.05	98.4	N829587	4				
200.25	203.30	3.05	3.05	100	N829588	4				
203.30	206.35	3.05	3.05	100	N829589	4				
					N829590	4				COARSE REJECT DUPLICATE
206.35	209.15	2.80	2.80	100	N829591	4				
					N829592	4				BLANK
209.15	210.10	0.95	0.95	100	N829593	4				
210.10	213.35	3.25	3.23	99.4	N829594	4				
213.35	215.70	2.35	2.30	97.9	N829595	5				
215.70	217.60	1.90	1.90	100	N829596	5				
217.60	219.20	1.60	1.60	100	N829597	5				
219.20	221.20	2.00	2.00	100	N829598	5				
					N829599	5				STD 1
221.20	222.22	1.02	1.00	98	N829600	5				
					N829601	5				BLANK
222.22	224.03	1.81	1.81	100	N829602	5				
224.03	226.23	2.20	2.20	100	N829603	5				
226.23	227.55	1.32	1.30	98.5	N829604	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
227.55	230.00	2.45	2.45	100	N829605	5				
230.00	233.01	3.01	3	99.7	N829606	5				
233.01	235.58	2.57	2.57	100	N829607	5				
235.58	238.66	3.08	3.05	99	N829608	5				
238.66	241.25	2.59	2.60	100	N829609	5				
					N829610	5				DUPLICATE
241.25	243.80	2.55	2.40	94.1	N829611	5				
243.80	244.65	0.85	0.85	100	N829612	5				
244.65	247.15	2.50	2.50	100	N829613	5				
					N829614	5				STD 1
247.15	249.00	1.85	1.80	97.3	N829615	5				
249.00	250.20	1.20	1.15	95.8	N829616	5				
					N829617	5				BLANK
250.20	253.00	2.80	2.80	100	N829618	5				
253.00	255.12	2.12	2.10	99.1	N829619	5				
255.12	257.05	1.93	1.93	100	N829620	5				
257.05	258.05	1.00	1.00	100	N829621	5				
258.05	260.70	2.65	2.65	100	N829622	5				
260.70	262.62	1.92	1.92	100	N829623	5				
262.62	264.82	2.20	2.20	100	N829624	5				
264.82	265.98	1.16	1.15	99.1	N829625	5				
265.98	268.05	2.07	2.07	100	N829626	5				
268.05	269.75	1.70	1.70	100	N829627	5				
					N829628	5				COARSE REJECT DUPLICATE
269.75	271.10	1.35	1.15	85.2	N829629	5				
271.10	273.35	2.25	2.10	93.3	N829630	5				
273.35	275.35	2.00	2	100	N829631	6				
					N829632	6				STD 1
275.35	276.95	1.60	1.60	100	N829633	6				
276.95	277.90	0.95	0.95	100	N829634	6				
					N829635	6				BLANK
277.90	279.55	1.65	1.65	100	N829636	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
279.55	282.55	3.00	3.00	100	N829637	6				
282.55	285.60	3.05	3.05	100	N829638	6				
285.60	288.65	3.05	3.05	100	N829639	6				
288.65	291.40	2.75	2.75	100	N829640	6				
					N829641	6				STD 2
291.40	292.40	1.00	1.00	100	N829642	6				
292.40	294.74	2.34	2.35	100	N829643	6				
294.74	296.90	2.16	2.10	97.2	N829644	6				
296.90	299.10	2.20	2.20	100	N829645	6				
299.10	300.70	1.60	1.60	100	N829646	6				
300.70	303.79	3.09	3.09	100	N829647	6				
303.79	306.85	3.06	3.05	99.7	N829648	6				
306.85	309.80	2.95	2.95	100	N829649	6				
309.80	311.60	1.80	1.80	100	N829650	6				
					N829651	6				DUPLICATE
311.60	313.03	1.43	1.25	87.4	N829652	6				
313.03	316.05	3.02	3.00	99.3	N829653	6				
316.05	319.13	3.08	3.00	97.4	N829654	6				
319.13	322.17	3.04	3.05	100	N829655	6				
322.17	325.32	3.15	3.15	100	N829656	6				
325.32	326.32	1.00	0.99	99	N829657	6				
					N829658	6				BLANK
326.32	328.02	1.70	1.65	97.1	N829659	6				
328.02	331.05	3.03	3.00	99	N829660	6				
331.05	334.15	3.10	3.10	100	N829661	6				
334.15	337.10	2.95	2.95	100	N829662	6				
					N829663	6				COARSE REJECT DUPLICATE
337.10	338.10	1.00	1.00	100	N829664	6				
338.10	340.79	2.69	2.54	94.4	N829665	6				
340.79	343.62	2.83	2.83	100	N829666	6				
343.62	344.87	1.25	1.25	100	N829667	7				
344.87	346.10	1.23	1.23	100	N829668	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
346.10	347.50	1.40	1.37	97.9	N829669	7				
347.50	349.60	2.10	1.95	92.9	N829670	7				
					N829671	7				STD 1
349.60	352.17	2.57	2.55	99.2	N829672	7				
352.17	353.17	1.00	0.97	97	N829673	7				
					N829674	7				BLANK
353.17	354.17	1.00	1.00	100	N829675	7				
354.17	356.17	2.00	2.00	100	N829676	7				
356.17	357.27	1.10	1.10	100	N829677	7				
357.27	358.27	1.00	1.00	100	N829678	7				
358.27	361.00	2.73	2.73	100	N829679	7				
361.00	364.00	3.00	2.95	98.3	N829680	7				
					N829681	7				STD 2
364.00	366.90	2.90	2.88	99.3	N829682	7				
366.90	367.90	1.00	0.94	94	N829683	7				
367.90	369.70	1.80	1.80	100	N829684	7				
369.70	371.86	2.16	2.16	100	N829685	7				
371.86	374.30	2.44	2.45	100	N829686	7				
374.30	376.30	2.00	2.00	100	N829687	7				
376.30	378.00	1.70	1.70	100	N829688	7				
					N829689	7				DUPLICATE
378.00	380.90	2.90	2.77	95.5	N829690	7				
380.90	383.90	3.00	3.00	100	N829691	7				
383.90	386.67	2.77	2.75	99.3	N829692	7				
386.67	389.23	2.56	2.56	100	N829693	7				
389.23	391.25	2.02	2.02	100	N829694	7				
391.25	392.25	1.00	1.00	100	N829695	7				
					N829696	7				BLANK
392.25	395.33	3.08	3.08	100	N829697	7				
395.33	396.95	1.62	1.62	100	N829698	7				
396.95	398.48	1.53	1.53	100	N829699	7				
398.48	399.48	1.00	1.00	100	N829700	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
399.48	400.72	1.24	1.24	100	N829701	7				
					N829702	7				COARSE REJECT DUPLICATE
400.72	403.78	3.06	3.06	100	N829703	8				
403.78	406.72	2.94	2.94	100	N829704	8				
406.72	409.30	2.58	2.53	98.1	N829705	8				
					N829706	8				STD 2
409.30	410.90	1.60	1.58	98.8	N829707	8				
410.90	412.90	2.00	2.00	100	N829708	8				
412.90	413.95	1.05	1.00	95.2	N829709	8				
					N829710	8				BLANK
413.95	414.69	0.74	0.74	100	N829711	8				
414.69	417.62	2.93	2.93	100	N829712	8				
417.62	419.85	2.23	2.20	98.7	N829713	8				
419.85	421.94	2.09	2.09	100	N829714	8				
421.94	423.00	1.06	1.05	99.1	N829715	8				
423.00	425.81	2.81	2.65	94.3	N829716	8				
					N829717	8				COARSE REJECT DUPLICATE
425.81	427.25	1.44	1.38	95.8	N829718	8				
427.25	428.25	1.00	1.00	100	N829719	8				
428.25	431.07	2.82	2.82	100	N829720	8				
431.07	432.78	1.71	1.60	93.6	N829721	8				
432.78	436.20	3.42	3.41	99.7	N829722	8				
					N829723	8				STD 3
436.20	437.20	1.00	1.00	100	N829724	8				
					N829725	8				BLANK
437.20	439.20	2.00	1.90	95	N829726	8				
439.20	440.54	1.34	1.30	97	N829727	8				
440.54	441.54	1.00	1.00	100	N829728	8				
441.54	444.27	2.73	2.73	100	N829729	8				
444.27	447.14	2.87	2.87	100	N829730	8				
447.14	448.40	1.26	1.26	100	N829731	8				
448.40	449.40	1.00	1.00	100	N829732	8				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
449.40	450.80	1.40	1.32	94.3	N829733	8				
					N829734	8				DUPLICATE
										EOH @ 453.24 m

KLAZA

Hole: DH-12-66 **Tech Name: Larissa** **Date: June 7, 2012**

From	To (m	Interv	Recovery (m)	Reco	RQD (m)	RQD	HCl Reactivit	Hardn	Stren	Weat	DESCRIPTION
0.00	1.52	1.52	0.17	11	0.00	0		2	0S	5w	OVB
1.52	3.66	2.14	1.50	70	0.00	0		1	1S	4w	
3.66	5.18	1.52	1.34	88	0.00	0		1	1S	4w	
5.18	6.71	1.53	1.43	93	0.00	0		1	0S	4w	
6.71	8.23	1.52	1.57	103	1.05	69		2	2S	3w	
8.23	9.75	1.52	1.40	92	1.06	70		2	2S	4w	
9.75	11.28	1.53	1.41	92	0.50	33		1	2S	4w	
11.28	12.89	1.61	1.23	76	0.00	0		1	0S	4w	
12.80	14.33	1.53	1.45	95	0.48	31		1	0S	4w	
14.33	15.85	1.52	1.33	88	0.35	23		1	0S	4w	
15.85	17.37	1.52	1.34	88	0.52	34		2	4S	3w	hardness: very weak 2; argillic alteration
17.37	20.42	3.05	2.98	98	1.19	39		2	3S	4w	
20.42	23.47	3.05	3.05	100	0.67	22		2	4S	4w	
23.47	26.52	3.05	3.05	100	0.60	20		2	4S	3w	
26.52	29.57	3.05	2.97	97	1.63	53		2	4S	4w	
29.57	32.61	3.04	3.00	99	0.88	29		2	5S	4w	
32.61	35.66	3.05	3.05	100	0.79	26		2	5S	3w	gougy/rubbly section
35.66	38.71	3.05	3.95	130	0.71	23		1	3S	4w	
38.71	41.76	3.05	3.05	100	2.05	67		2	5S	3w	
41.76	44.81	3.05	2.95	97	0.45	15		2	5S	3w	
44.81	47.85	3.04	3.02	99	1.60	53		2	5S	3w	
47.85	50.90	3.05	3.02	99	1.20	39		2	5S	2w	weak, heavily altered zone
50.90	53.95	3.05	3.05	100	1.57	51		1	2S	1w	
53.95	57.00	3.05	2.97	97	0.95	31		2	3S	1w	
57.00	60.05	3.05	2.97	97	2.23	73		2	5S	1w	
60.05	63.09	3.04	3.05	100	2.00	66		2	5S	1w	
63.09	66.14	3.05	3.04	100	1.59	52		2	5S	2w	
66.14	69.19	3.05	3.05	100	2.24	73		2	5S	1w	
69.19	72.24	3.05	3.05	100	1.18	39		2	5S	2w	
72.24	75.29	3.05	2.94	96	1.97	65		2	5S	2W	
75.29	78.33	3.04	2.93	96	1.66	55		1	5S	3W	rubble from 77m to 77.25m

KLAZA

From	To (m	Interv	Recovery (m)	Reco	RQD (m)	RQD	HCl Reactivit	Hardn	Stren	Weat	DESCRIPTION
78.33	81.38	3.05	3.05	100	1.52	50		2	5S	1W	
81.38	84.43	3.05	3.02	99	2.69	88		2	5S	1W	
84.43	87.48	3.05	3.01	99	2.66	87		2	5S	1W	
87.48	90.52	3.04	3.06	101	2.27	75		2	5S	1W	
90.52	93.57	3.05	2.95	97	2.56	84		2	5S	1W	
93.57	96.62	3.05	2.97	97	2.16	71		2	5S	1W	
96.62	99.67	3.05	3.04	100	2.11	69		2	5S	1W	
99.67	102.72	3.05	2.96	97	2.28	75		2	5S	1W	
102.72	105.77	3.05	2.97	97	2.50	82		2	5S	1W	
105.77	108.81	3.04	2.95	97	2.33	77		2	5S	1W	
108.81	111.86	3.05	2.85	93	2.36	77		2	5S	1W	
111.86	114.91	3.05	3.07	101	2.39	78		2	5S	1W	
114.91	117.96	3.05	3.05	100	2.54	83		2	5S	1W	
117.96	121.01	3.05	3.03	99	2.14	70		2	5S	1W	
121.01	124.05	3.04	2.85	94	2.68	88		2		1W	
124.05	127.10	3.05	2.85	93	2.43	80		2		1W	
127.10	130.15	3.05	2.37	78	1.12	37		1	1S	3W	
130.15	133.20	3.05	2.81	92	1.39	46		2	5S	3W	
133.20	136.25	3.05	2.97	97	2.23	73		2	5S	1W	
136.25	139.29	3.04	2.97	98	2.15	71		2	5S	1W	
139.29	142.34	3.05	2.87	94	2.39	78		2	5S	1W	
142.34	145.39	3.05	3.00	98	2.04	67		1	5S	1W	
145.39	148.44	3.05	2.83	93	0.86	28		2	4S	1W	
148.44	151.49	3.05	2.77	91	1.68	55		2	3S	1W	
151.49	154.53	3.04	2.74	90	1.58	52		2	4S	1W	
154.53	157.58	3.05	2.55	84	1.10	36		1	1S	1W	
157.58	160.63	3.05	2.97	97	2.61	86		1	1S	1W	
160.63	163.68	3.05	3.05	100	2.34	77		1	5S	1W	
163.68	166.73	3.05	2.26	74	0.46	15		1	2S	1W	
166.73	169.77	3.04	2.78	91	0.76	25		1	1S	1W	
169.77	172.82	3.05	2.66	87	1.20	39		1	1S	1W	
172.82	175.87	3.05	2.75	90	1.24	41		2	4S	1W	
175.87	178.92	3.05	2.88	94	1.75	57		1	3S	1W	
178.92	181.97	3.05	2.92	96	2.27	74		1	4S	1W	

KLAZA

From	To (m	Interv	Recovery (m)	Reco	RQD (m)	RQD	HCl Reactivit	Hardn	Stren	Weat	DESCRIPTION
181.97	185.01	3.04	2.96	97	2.63	87		2	5S	1W	
185.01	188.06	3.05	2.87	94	2.59	85		2	5S	1W	
188.06	191.10	3.04	2.94	97	2.33	77		2	5S	1W	
191.10	194.16	3.06	2.73	89	1.95	64		2	4S	1W	
194.16	197.21	3.05	2.85	93	1.98	65		1	2S	1W	
197.21	200.25	3.04	2.93	96	0.35	12		1	2S	1W	
200.25	202.08	1.83	1.75	96	0.12	7		1	2S	1W	
202.08	205.13	3.05	2.59	85	1.14	37		1	3S	1W	
205.13	206.35	1.22	1.20	98	0.15	12		1	3S	1W	
206.35	209.40	3.05	2.78	91	1.75	57		1	2S	1W	
209.40	212.45	3.05	3.02	99	2.65	87		2	3S	2W	
212.45	215.49	3.04	2.96	97	2.70	89		2	5S	2W	
215.49	218.54	3.05	2.77	91	2.55	84		2	5S	2W	
218.54	220.98	2.44	2.59	106	2.14	88		2	5S	2W	
220.98	224.03	3.05	2.99	98	2.42	79		1	4S	3W	
224.03	225.86	1.83	1.60	87	1.38	75		2	5S	2W	
225.86	227.69	1.83	1.88	103	1.49	81		2	5S	2W	
227.69	230.73	3.04	2.67	88	1.52	50		2	5S	2W	
230.73	233.01	2.28	1.94	85	0.63	28		1	2S	3W	
233.01	234.39	1.38	1.28	93	0.22	16		1	2S	4W	
234.39	236.83	2.44	2.16	89	0.50	20		1	2S	4W	
236.83	238.66	1.83	1.49	81	0.10	5		1	2S	4W	
238.66	239.88	1.22	0.92	75	0.13	11		1	2S	4W	
239.88	242.93	3.05	2.47	81	0.32	10		1	1S	4W	
242.93	245.97	3.04	2.46	81	0.30	10		1	1S	4W	
245.97	249.02	3.05	2.83	93	1.55	51		2	5S	3W	
249.02	252.07	3.05	2.83	93	1.18	39		1	1S	4W	
252.07	255.12	3.05	2.73	90	1.02	33		1	1S	4W	
255.12	258.17	3.05	2.92	96	2.12	70		2	4S	2W	
258.17	261.21	3.04	2.79	92	2.24	74		2	4S	2W	
261.21	264.26	3.05	2.98	98	2.18	71		2	5S	2W	
264.26	267.31	3.05	2.80	92	1.49	49		1	4S	3W	
267.31	270.36	3.05	2.97	97	1.33	44		1	2S	4W	
270.36	273.41	3.05	2.58	85	0.28	9		1	2S	4W	

KLAZA

From	To (m	Interv	Recovery (m)	Reco	RQD (m)	RQD	HCl Reactivit	Hardn	Stren	Weat	DESCRIPTION
273.41	276.45	3.04	3.03	100	1.66	55		2	5S	2W	
276.45	279.50	3.05	2.98	98	1.82	60		2	4S	3W	
279.50	282.55	3.05	2.97	97	1.37	45		2	2S	4W	
282.55	285.60	3.05	2.97	94	2.01	66		2	2S	3W	
285.60	288.65	3.05	2.87	99	2.52	83		2	6S	2W	
288.65	291.69	3.04	3.01	98	1.97	65		2	5S	2W	
291.69	294.74	3.05	2.98	100	2.17	71		2	5S	2W	
294.74	297.79	3.05	3.05	100	1.34	44		2	5S	2W	
297.79	300.84	3.05	3.05	100	2.16	71		2	4S	3W	
300.84	303.89	3.05	3.05	100	2.48	81		2	5S	1W	
303.89	306.93	3.04	3.04	90	2.48	82		1	3S	3W	
306.93	309.98	3.05	3.05	93	2.66	87		2	5S	2W	
309.98	313.03	3.05	2.73	98	1.19	39		1	2S	4W	
313.03	316.08	3.05	2.83	96	0.98	32		1	4S	2W	Gougy joints
316.08	319.13	3.05	3.00	100	0.91	30		1	3S	3W	
319.13	322.17	3.04	2.93	92	1.43	47		2	5S	2W	
322.17	325.22	3.05	3.05	97	2.16	71		1	4S	3W	
325.22	328.20	2.98	2.80	102	2.06	69		2	5S	2W	
328.20	331.32	3.12	2.97	95	2.82	90		2	5S	2W	
331.32	334.37	3.05	3.05	100	1.70	56		2	5S	2W	
334.37	337.41	3.04	3.04	100	1.68	55		1	3S	3W	
337.41	340.46	3.05	2.92	96	2.08	68		2	5S	2W	
340.46	343.51	3.05	2.92	96	1.62	53		1	4S	3W	
343.51	346.56	3.05	2.95	97	0.00	0		1	2S	3W	Clay gouge
346.56	348.39	1.83	1.55	85	0.43	23		1	2S	3W	
348.39	349.61	1.22	1.15	94	0.31	25		2	2S	3W	
349.61	352.65	3.04	3.00	99	0.00	0		1	2S	4W	Gouge
352.65	355.70	3.05	3.05	100	1.60	52		2	3S	2W	
355.70	358.75	3.05	3.00	98	1.68	55		2	4S	1W	
358.75	361.80	3.05	2.85	93	1.25	41		1	4S	2W	
361.80	364.85	3.05	2.46	81	0.31	10		1	2S	3W	

KLAZA

From	To (m	Interv	Recovery (m)	Reco	RQD (m)	RQD	HCl Reactivit	Hardn	Stren	Weat	DESCRIPTION
364.85	367.13	2.28	2.01	88	0.32	14		1	2S	3W	
367.13	367.89	0.76	0.73	96	0.00	0		1	2S	3W	Clay altered, gouge
367.89	370.33	2.44	2.05	84	0.00	0		1	2S	4W	Clay altered, gouge
370.33	373.38	3.05	1.75	57	1.70	56		2	4S	2W	
373.38	373.99	0.61	0.68	111	0.45	74		2	5S	2W	
373.99	376.43	2.44	2.11	86	0.66	27		2	3S	1W	
376.43	377.04	0.61	0.56	92	0.43	70		2	3S	1W	
377.04	379.48	2.44	2.36	97	1.78	73		2	5S	1W	
379.48	380.09	0.61	0.34	56	0.25	41		2	4S	1W	
380.09	383.13	3.04	3.02	99	2.34	77		3	3S	2W	
383.13	386.18	3.05	2.62	86	1.26	41		3	4S	3W	
386.18	389.23	3.05	2.55	84	0.35	11		1	3S	3W	
389.23	390.14	0.91	0.63	69	0.40	44		1	1S	4W	
390.14	392.27	2.13	2.22	104	1.27	60		2	4S	3W	Cave in at 390.20m
392.27	395.33	3.06	2.74	90	1.65	54		2	4S	3W	
395.33	398.37	3.04	2.97	98	2.00	66		1	4S	3W	
398.37	401.42	3.05	3.06	100	2.76	90		2	5S	3W	
401.42	404.47	3.05	3.03	99	2.34	77		2	5S	2W	
404.47	407.52	3.05	2.92	96	2.65	87		2	5S	2W	
407.52	410.57	3.05	2.84	93	1.87	61		1	4S	2W	
410.57	413.61	3.04	3.03	100	2.24	74		2	5S	2W	
413.61	416.66	3.05	2.87	94	1.55	51		2	5S	1W	
416.66	419.71	3.05	2.91	95	2.35	77		2	5S	1W	
419.71	422.76	3.05	2.98	98	2.56	84		2	6S	1W	
422.76	425.81	3.05	2.85	93	1.96	64		2	5S	1W	
425.81	428.85	3.04	2.90	95	2.40	79		2	5S	2W	
428.85	431.90	3.05	2.89	95	2.45	80		2	5S	2W	
431.90	434.95	3.05	3.05	100	2.52	83		2	4S	1W	
434.95	436.00	1.05	2.80	267	2.08	198		1	4S	1W	
436.00	441.05	5.05	2.98	59	2.32	46		2	4S	1W	
441.05	444.09	3.04	2.91	96	1.84	61		1	4S	1W	
444.09	447.14	3.05	2.94	96	1.54	50		2	4S	1W	
447.14	450.19	3.05	2.84	93	1.96	64		2	5S	1W	
450.19	453.24	3.05	2.91	95	2.19	72		2	5S	1W	EOH

KLAZA

Hole:KL-DDH-12-66 Tech Name Barry, Jamie, Nikki Date:_June 7/12___ Page _1__ of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52							
1.52	3.66	2.14							
3.66	5.18	1.52	60	0.06	0.00	1.00	3R	3W	
5.18	6.71	1.53							
6.71	8.23	1.52	25	0.28	0.00	2.00	3R	3W	
			70	0.09	0.00	3.00	3R	3W	
8.23	9.75	1.52	50	0.60	1.00	2.00	3R	3W	
9.75	11.28	1.53	70	0.10	1.00	1.00	2R	3W	joints highly oxidized within highly fractured rock
11.28	12.28	1.00	60	0.07	0.00	1.00	2R	3W	
12.28	14.33	2.05	50	0.11	0.00	1.00	3R	3W	set of 2 joints
14.33	15.85	1.52	75	0.10	0.00	1.00	3R	2W	set of 5 joints regular spacing
15.85	17.37	1.52	70	0.22	0.00	1.00	3R	2W	3 joints
			50	0.40	1.00	1.00	3R	2W	4 joints, irregular spacing
17.37	20.42	3.05	70	0.20	1.00	2.00	3R	2W	12 joints, fairly regular spacing
20.42	23.47	3.05	20	0.30	1.00	2.00	3R	2W	3 joints, irregular spacing
			50	0.30	1.00	2.00	3R	2W	5 joints, regular spacing; one w/ 4mm gouge
			65	0.30	0.00	1.00	3R	2W	6 joints, irregular spacing
23.47	26.52	3.05	45	0.18	1.00	1.00	2R	2W	6 joints, irregular spacing
			65	0.30	1.00	1.00	2R	2W	5 joints, irregular spacing
			80	0.04	1.00	1.00	2R	2W	2 joints
26.52	29.57	3.05	55	0.50	2.00	1.00	2R	2W	5 joints, irregular spacing; one joint w/ 10mm gouge
29.57	32.61	3.04	60	0.20	1.00	1.00	3R	2W	4 joints, irregular spacing
			75	0.15	0.00	1.00	3R	2W	7 joints, fairly regular spacing
32.61	35.66	3.05	60	0.25	0.00	1.00	2R	2W	3 joints, irregular spacing
			45	0.60	1.00	1.00	3R	2W	3 joints, irregular spacing
35.66	38.71	3.05	35	0.15	1.00	1.00	2R	2W	5 joints fairly regular spacing
38.71	41.76	3.05	55	0.20	0.00	1.00	2R	2W	5 joints, irregular spacing
41.76	44.81	3.05	65	0.20	0.00	1.00	2R	2W	3 joints, irregular spacing
44.81	47.85	3.04	65	0.30	0.00	1.00	2R	2W	4 joints, irregular spacing
			30	0.25	0.00	1.00	2R	2W	2 sets of 2 regularily spaced
47.85	50.90		80	0.60	0.00	1.00	1R	2W	regularly spaced
			50	0.15	0.00	2.00	2R	2W	regular spacing
50.90	53.95		80	0.15	0.00	1.00	3R	1W	
			60	0.30	0.00	1.00	2R	1W	regular spacing
53.95	57.00		65	0.07	0.00	2.00	2R	1W	regular spacing
			65	0.20	0.00	2.00	2R	1W	irregular spacing
57.00	60.05	3.05	55	0.15	0.00	2.00	2R	1W	regular spacing
		0.00	75	0.05	0.00	1.00	3R	1W	1 small set reg. spaced (2 joints)
60.05	63.09	3.04	80	0.07	0.00	2.00	2R	1W	irregular spaced (3 joints)
		0.00	45	0.40	0.00	1.00	2R	1W	regular spacing
		0.00	65	0.50	0.00	1.00	2R	1W	regular spacing
63.09	66.14	3.05	70	0.18	0.00	1.00	2R	1W	regular spacing
66.14	69.19	3.05	80	0.15	0.00	1.00	2R	1W	regular spacing
69.19	72.24	3.05							very fractured rock

KLAZA

		0.00							
72.24	75.29	3.05	70	0.45	0.00	1.00	2R	1W	regular spacing
75.29	78.33	3.04	65	0.10	0.00	1.00	2R	1W	progressively increasing widths
		0.00			0.00		2R	1W	
78.33	81.38	3.05	65	0.20	0.00	2.00	2R	1W	irregularly spaced set
81.38	84.43	3.05	65	0.40	0.00	1.00	2R	1W	regularly spaced set
84.43	87.48	3.05	65	0.30	0.00	2.00	2R	1W	
87.48	90.52	3.04	70	0.25	0.00	3.00	2R	1W	
90.52	93.57	3.05			0.00		2R	1W	
93.57	96.62	3.05	70	0.20	0.00	1.00	2R	1W	
96.62	99.67	3.05	35	0.30	0.00	1.00	2R	1W	
		0.00	80	0.18	0.00	1.00	2R	1W	
99.67	102.72	3.05	60	0.50	0.00	2.00	2R	1W	
102.72	105.77	3.05	65	0.15	0.00	1.00	2R	1W	
105.77	108.81	3.04	65	0.20	0.00	1.00	2R	1W	
		0.00	40	0.14	0.00	2.00	2R	1W	
108.81	111.86	3.05	45	0.25	0.00	2.00	2R	1W	irregularly spaced
111.86	114.91	3.05	45	0.15	0.00	2.00	2R	1W	
114.91	117.96	3.05	45	0.15	0.00	1.00	2R	1W	
117.96	121.01	3.05	70	0.30	0.00	1.00	2R	1W	
121.01	124.05	3.04	70	0.35	0.00	1.00	3R	1W	
124.05	127.10	3.05	60	0.23	0.00	2.00	3R	1W	
		0.00	70	0.03	0.00	1.00	3R	1W	
127.10	130.15	3.05	45	0.20	0.00	1.00	3R	1W	
130.15	133.20	3.05	65	0.25	0.00	1.00	3R	1W	
133.20	136.25	3.05	80	0.34	0.00	1.00	3R	1W	
136.25	139.29	3.04	50	0.21	0.00	3.00	3R	1W	
139.29	142.34	3.05	50	0.38	0.00	2.00	3R	1W	
142.34	145.39	3.05	50	0.25	0.00	2.00	3R	1W	
145.39	148.44	3.05	60	0.10	0.00	1.00	3R	1W	
148.44	151.49	3.05	50	0.23	0.00	2.00	3R	1W	
151.49	154.53	3.04	50	0.19	0.00	1.00	2R	1W	
154.53	157.58	3.05	65	0.37	0.00	1.00	2R	1W	
157.58	160.63	3.05	45	0.35	0.00	1.00	2R	1W	3 joints, irregular spacing
160.63	163.68	3.05	55	0.50	20.00	1.00	2R	1W	7 joints, irregular spacing; lower 3 closer spacing with ~45mm gouge
163.68	166.73	3.05	65	0.15	0.00	3.00	2R	1W	2 joints; interval very fractured, incompetent
166.73	169.77	3.04	45	0.11	20.00	1.00	3R	1W	2 joints
			60	0.09	2.00	1.00	2R	1W	4 joints, fairly regular spacing
169.77	172.82	3.05	35	0.35	2.00	1.00	2R	1W	6 joints, irregular spacing
			55	0.26	1.00	1.00	2R	1W	2 joints
172.82	175.87	3.05	60	0.30	1.00	1.00	2R	1W	9 joints, irregular spacing
175.87	178.92	3.05	50	0.53	2.00	1.00	2R	1W	3 joints, regular spacing
			30	0.60	1.00	1.00	2R	1W	4 joints, irregular spacing
178.92	181.97	3.05	45	0.30	0.00	1.00	2R	1W	5 joints; 3 in an evenly spaced set, 2 more separate
			70	0.23	1.00	1.00	2R	1W	3 joints, evenly spaced
181.97	185.01	3.04	40	0.07	0.00	1.00	2R	1W	4 joints, evenly spaced
			65	0.37	5.00	1.00	2R	1W	2 joints; 1 with 10mm gouge, 1 with 0mm
			50	0.21	0.00	1.00	2R	1W	2 joints
185.01	188.06	3.05	50	0.30	2.00	1.00	2R	1W	6 joints, irregular spacing
188.06	191.10	3.04	70	1.00	1.00	1.00	2R	1W	4 joints; 2 sets spaced ~.15m separated by 1.3m
			60	0.35	1.00	1.00	2R	1W	6 joints, irregular spacing
191.10	194.16	3.06	25	0.60	1.00	1.00	2R	1W	3 joints; fairly regular spacing, highly fractured rock
194.16	197.21	3.05	35	0.41	15.00	1.00	2R	3W	
197.21	200.25	3.04							no sets; rubble

KLAZA

200.25	202.08	1.83							
202.08	205.13	3.05	60	0.11	0.00	1.00	3R	4W	very soft, strongly weathered and altered rock
205.13	206.35	1.22							rubble, non-coherent sets, hematite staining
206.35	209.40	3.05	35	0.10	0.00	2.00	3R	4W	soft rock, clay altered
209.40	212.45	3.05							same as above, no sets
212.45	215.49	3.04	35	0.40	0.00	1.00	2R	2W	
215.49	218.54	3.05	30	0.97	1.00	1.00	2R	2W	
218.54	220.98	2.44							competent, no coherent sets
220.98	224.03	3.05	45	0.20	2.00	1.00	2R	2W	
		0.00	20		35.00	1.00	2R	4W	very gouged joint
224.03	225.86	1.83	25	0.27	0.00	1.00	2R	2W	
225.86	227.62	1.76	30	0.27	0.00	1.00	2R	2W	
		0.00	15		15.00	2.00	2R	4W	steep, long, gouged, single joint
227.62	230.73	3.11	45	0.09	15.00	1.00	1R	4W	
230.73	233.01	2.28							rubble, no sets
233.01	234.39	1.38							same as above
234.39	236.83	2.44	20		0.00	1.00	1R	3W	mostly rubble around single joint
236.83	238.66	1.83							all rubble
238.66	239.88	1.22							no sets, slickenslide evident on some fracture faces
239.88	242.93	3.05	15	0.05	0.00	1.00	2R	3W	run is demolished, almost entirely rubble
242.93	245.97	3.04							same as above, lots of rubble and clay alteration
245.97	249.02	3.05	35	1.17	2.00	1.00	2R	3W	
249.02	252.07	3.05	45		0.00	2.00	3R	3W	
		0.00	60		15.00	1.00	2R	4W	single gouged joint. Rest is soft, clay altered mush
		0.00							
252.07	255.12	3.05	30	0.10	5.00	1.00	1R	4W	slickenslide in clay altered rock
		0.00	70	0.19	0.00	1.00	2R	2W	
255.12	258.17	3.05	60	0.12	0.00	1.00	2R	2W	
		0.00	45	0.45	0.00	1.00	2R	2W	
		0.00	50	0.21	10.00	1.00	2R	3W	
258.17	261.21	3.04	70	0.08	0.00	1.00	2R	2W	
		0.00	55	0.22	0.00	1.00	2R	2W	
261.21	264.26	3.05	35	0.29	0.00	1.00	2R	2W	
		0.00	40	0.07	0.00	1.00	2R	2W	opposite orientation from above run
		0.00	40	0.15	5.00	1.00	2R	3W	
264.26	267.31	3.05	40	0.15	5.00	1.00	2R	3W	
		0.00	50	0.25	0.00	1.00	2R	2W	
		0.00	45	0.12	30.00	1.00	2R	3W	
267.31	270.36	3.05	45	0.18	0.00	1.00	2R	2W	very gouged, rubbly section follows this set
270.36	273.41	3.05							no sets; gouged, clay altered rubble
273.41	276.45	3.04	60	0.40	0.00	1.00	2R	2W	
		0.00	55	0.21	15.00	1.00	3R	3W	
276.45	279.50	3.05							no coherent sets
279.50	282.55	3.05	30		80.00	1.00	3R	4W	lots of rubble surrounding gouged single joint
		0.00							weak, randomly fractured rock
282.55	285.60	3.05	65	0.11	0.00	1.00	2R	3W	
			35		30.00	1.00	2R	4W	single gouged joint
285.60	288.65	3.05							no coherent sets. Competent run with many small veinlets and randomly oriented fractures @ ~30-60 degrees
		0.00							
288.65	291.69	3.04	25	0.30	0.00	1.00	2R	2W	
291.69	294.74	3.05	20		20.00	1.00	3R	3W	
294.74	297.79	3.05	45	0.08	0.00	1.00	2R	2W	
		0.00	45	0.17	0.00	1.00	2R	2W	
297.79	300.84	3.05	60	0.05	0.00	1.00	2R	2W	

KLAZA

300.84	303.89	3.05	70	0.07	1.00	1.00	2R	2W	
		0.00	45	0.36	0.00	1.00	2R	2W	
303.89	306.93	3.04	45	0.12	0.00	1.00	2R	2W	
		0.00	20		20.00	1.00	3R	4W	single gouged, clay altered joint
306.93	309.98	3.05	65	0.24	0.00	1.00	2R	2W	
309.98	313.03	3.05	30	0.03	0.00	1.00	3R	3W	
		0.00	40	0.12		1.00	2R	4W	bordering soft clay alteration
313.03	316.08	3.05	65	0.12	0.00	1.00	2R	2W	
		0.00	25	0.16	0.00	1.00	2R	2W	groove marks (not slickenslide) indicating direction of motion
316.08	319.13	3.05	65	0.04	0.00	1.00	2R	2W	
		0.00	30	0.05	2.00	1.00	2R	3W	
		0.00	65	0.02	17.00	1.00	2R	3W	
319.13	322.17	3.04	30	0.10	0.00	1.00	2R	3W	
		0.00	60	0.07	0.00	2.00	3R	2W	
322.17	325.22	3.05	70	0.10	1.00	1.00	2R	2W	
		0.00	45	0.32	3.00	1.00	2R	3W	
325.22	328.27	3.05	45	0.10	0.00	2.00	2R	2W	
		0.00	40	0.21	3.00	1.00	2R	3W	
328.27	331.32	3.05	20	0.20	0.00	1.00	2R	2W	
		0.00	50	0.01	0.00	1.00	2R	3W	
		0.00	20	0.11	1.00	1.00	3R	2W	
331.32	334.37	3.05	70	0.14	0.00	1.00	2R	1W	
334.37	337.41	3.04	35	0.02	1.00	1.00	2R	2W	
		0.00	60	0.09	0.00	1.00	2R	1W	
337.41	340.46	3.05	45	0.20	1.00	1.00	3R	1W	
340.46	343.51	3.05	60	0.40	0.00	3.00	2R	1W	
		0.00	30	0.60	0.00	3.00	3R	1W	
343.51	346.56	3.05							Gougy, no sets
346.56	349.61	3.05	45	0.30	0.00	3.00	3R	2W	Gougy, no sets
349.61	352.65	3.04							Gougy, no sets
352.65	355.70	3.05	60	0.15	0.00	1.00	2R	1W	
355.70	358.75	3.05	60	0.40	0.00	1.00	3R	1W	
358.75	361.80	3.05	30	0.80	0.00	1.00	2R	1W	
		0.00	60	0.20	0.00	2.00	3R	1W	
361.80	364.85	3.05	45	0.10	10.00	1.00	2R	2W	Gougy
364.85	367.13	2.28							Gougy and fractured
367.13	367.89	0.76	60	0.10	2.00	3.00	2R	2W	
367.89	370.33	2.44	45	0.20	40.00	2.00	2R	3W	
370.33	373.38	3.05	30	0.30	0.00	1.00	2R	1W	
		0.00	45	0.60	0.00	1.00	2R	1W	
373.38	376.43	3.05	60	0.10	2.00	1.00	2R	1W	
		0.00	45	0.15	1.00	1.00	2R	2W	
376.43	377.04	0.61	45	0.20	0.00	3.00	3R	1W	
377.04	379.48	2.44	70	0.10	0.00	1.00	3R	1W	
379.48	380.09	0.61	45	0.20	0.00	1.00	2R	2W	
380.09	383.13	3.04	50	0.30	1.00	1.00	2R	1W	
383.13	386.18	3.05	30	1.20	2.00	1.00	2R	2W	
			45	0.25	3.00	1.00	3R	2W	
386.18	389.23	3.05	65	0.05	0.00	1.00	3R	1W	
389.23	390.14	0.91	20		120.00	1.00	2R	4W	
390.14	392.27	2.13	30	0.14	0.00	1.00	2R	2W	Single joint, lots of gouge
392.27	395.33	3.06	70	0.08	0.00	1.00	3R	2W	
395.33	398.37	3.04	65	0.05	1.00	1.00	2R	3W	
			35	0.11	1.00	1.00	2R	2W	

KLAZA

398.37	401.42	3.05	75	0.33	0.00	1.00	3R	2W	
401.42	404.47	3.05	30	0.07	1.00	1.00	3R	2W	
			65	0.35	0.00	1.00	2R	3W	
404.47	407.52	3.05	50	0.15	0.00	1.00	2R	2W	
407.52	410.57	3.05	75	0.18	0.00	1.00	2R	2W	
410.57	413.61	3.04	35	0.90	0.00	2.00	3R	2W	
413.61	416.66	3.05	55	0.35	1.00	1.00	3R	2W	
			60	0.02	20.00	1.00	2R	4W	
416.66	419.71	3.05	30	0.20	0.00	1.00	2R	2W	
419.71	422.76	3.05	40	1.54	0.00	1.00	3R	1W	
422.76	425.81	3.05	45	0.94	0.00	1.00	2R	2W	
425.81	428.85	3.04	45	0.05	0.00	2.00	2R	2W	
428.85	431.90	3.05	45	0.16	0.00	1.00	2R	2W	
		0.00	30	0.22	0.00	1.00	2R	2W	
431.90	434.95	3.05	50	0.30	1.00	1.00	2R	1W	
434.95	438.00	3.05	70	0.25	0.00	1.00	2R	1W	
		0.00	30	0.60	1.00	1.00	2R	1W	
438.00	441.05	3.05	75	0.45	0.00	1.00	2R	1W	
441.05	444.09	3.04	65	0.75	1.00	1.00	2R	1W	
		0.00	50	0.50	1.00	1.00	2R	1W	
444.09	447.14	3.05	65	0.20	0.00	1.00	2R	1W	
447.14	450.19	3.05	35	0.17	0.00	1.00	2R	1W	
		0.00	25	0.15	0.00	1.00	2R	1W	
		0.00	70	0.15	0.00	1.00	3R	1W	
450.19	453.24	3.05	45	0.25	0.00	1.00	2R	1W	
			60	0.40	0.00	1.00	2R	1W	EOH

KLAZA

‹L-DDH-12-66 **Date: June 7/12**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	N/A	No recovery
2.00	1.02	
3.00	4.75	
4.00	4.20	
5.00	4.23	
6.00	1.98	
7.00	3.96	
8.00	1.74	
9.00	3.20	
10.00	1.86	
11.00	1.68	
12.00	3.56	
13.00	9.77	
14.00	7.92	
15.00	12.60	
16.00	7.40	
17.00	5.84	
18.00	7.08	
19.00	9.00	
20.00	6.46	
21.00	2.46	
22.00	6.92	
23.00	24.00	
24.00	14.30	
25.00	13.20	
26.00	5.04	
27.00	3.49	
28.00	5.89	
29.00	7.99	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	3.44	
31.00	2.95	
32.00	10.50	
33.00	15.10	
34.00	7.71	
35.00	2.21	
36.00	9.27	
37.00	1.17	
38.00	3.47	
39.00	2.73	
40.00	4.90	
41.00	1.29	
42.00	3.54	
43.00	1.07	
44.00	4.18	
45.00	5.59	
46.00	1.59	
47.00	3.47	
48.00	3.19	
49.00	7.22	
50.00	6.87	
51.00	1.76	
52.00	9.30	
53.00	6.60	
54.00	1.96	
55.00	4.92	
56.00	3.49	
57.00	2.90	
58.00	3.19	
59.00	5.29	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.65	
61.00	6.16	
62.00	16.50	
63.00	5.89	
64.00	1.91	
65.00	2.15	
66.00	4.45	
67.00	8.76	
68.00	4.73	
69.00	4.14	
70.00	8.65	
71.00	6.36	
72.00	2.45	
73.00	3.52	
74.00	3.52	
75.00	3.79	
76.00	5.81	
77.00	3.47	
78.00	3.42	
79.00	4.48	
80.00	2.88	
81.00	8.08	
82.00	8.87	
83.00	23.00	
84.00	6.70	
85.00	15.20	
86.00	5.35	
87.00	8.19	
88.00	2.92	
89.00	7.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	3.98	
91.00	6.55	
92.00	2.80	
93.00	7.34	
94.00	3.46	
95.00	4.45	
96.00	4.62	
97.00	6.66	
98.00	5.40	
99.00	4.40	
100.00	3.78	
101.00	5.81	
102.00	6.11	
103.00	5.69	
104.00	4.33	
105.00	4.63	
106.00	4.40	
107.00	5.44	
108.00	5.99	
109.00	5.42	
110.00	5.72	
111.00	5.12	
112.00	5.25	
113.00	2.99	
114.00	4.85	
115.00	5.40	
116.00	5.02	
117.00	4.80	
118.00	6.51	
119.00	5.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	7.92	
121.00	7.25	
122.00	1.94	
123.00	9.54	
124.00	6.38	
125.00	9.89	
126.00	5.84	
127.00	4.20	
128.00	11.18	
129.00	3.36	
130.00	6.53	
131.00	7.29	
132.00	4.92	
133.00	5.67	
134.00	5.51	
135.00	7.77	
136.00	5.12	
137.00	6.55	
138.00	1.54	
139.00	7.27	
140.00	8.88	
141.00	2.85	
142.00	4.87	
143.00	6.88	
144.00	1.73	
145.00	6.85	
146.00	6.87	
147.00	2.57	
148.00	4.38	
149.00	4.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	7.24	
151.00	4.62	
152.00	7.47	
153.00	6.92	
154.00	2.04	
155.00	1.96	
156.00	10.70	
157.00	1.78	
158.00	2.80	
159.00	4.41	
160.00	7.03	
161.00		
162.00		
163.00		
164.00	5.22	
165.00		
166.00		
167.00	6.30	
168.00	7.07	
169.00	7.56	
170.00	4.62	
171.00	5.09	
172.00	3.10	
173.00	3.36	
174.00	3.19	
175.00	2.80	
176.00	4.03	
177.00	4.51	
178.00	3.67	
179.00	5.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	9.74	
181.00	3.83	
182.00	9.24	
183.00	1.68	
184.00	6.75	
185.00	3.29	
186.00	2.41	
187.00	3.51	
188.00	3.94	
189.00	7.14	
190.00	3.61	
191.00	4.03	
192.00	5.71	
193.00	6.40	
194.00	4.31	
195.00	3.51	
196.00	5.32	
197.00	7.32	
198.00	5.62	
199.00	3.49	
200.00	5.71	
201.00	3.46	
202.00	5.49	
203.00	7.45	
204.00	5.79	
205.00	3.81	
206.00	5.84	
207.00	2.36	
208.00	12.80	
209.00	7.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	9.47	
211.00	10.30	
212.00	7.59	
213.00	3.19	
214.00	5.51	
215.00	4.63	
216.00	6.85	
217.00	6.43	
218.00	9.69	
219.00	15.50	
220.00	11.10	
221.00	6.85	
222.00	9.20	
223.00	6.38	
224.00	10.70	
225.00	4.30	
226.00	4.13	
227.00	5.57	
228.00	5.99	
229.00	12.10	
230.00	4.28	
231.00	6.26	
232.00	7.30	
233.00	27.10	
234.00	3.41	
235.00	1.74	
236.00	1.56	
237.00	2.31	
238.00	19.60	
239.00	6.04	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	1.17	
241.00	21.00	
242.00	12.90	
243.00	4.36	
244.00	2.60	
245.00	7.17	
246.00	3.27	
247.00	2.46	
248.00	8.09	
249.00	8.66	
250.00	4.70	
251.00	1.64	
252.00	4.56	
253.00	4.95	
254.00	8.01	
255.00	6.31	
256.00	3.14	
257.00	8.80	
258.00	4.90	
259.00	5.56	
260.00	17.90	
261.00	2.87	
262.00	10.20	
263.00	6.26	
264.00	6.63	
265.00	0.35	
266.00	1.89	
267.00	2.90	
268.00	0.58	
269.00	0.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.63	
271.00	2.92	
272.00	1.42	
273.00	0.58	
274.00	0.31	
275.00	3.41	
276.00	1.52	
277.00	3.15	
278.00	2.85	
279.00	2.78	
280.00	1.68	
281.00	1.68	
282.00	0.33	
283.00	1.42	
284.00	2.52	
285.00	2.03	
286.00	2.57	
287.00	2.08	
288.00	2.20	
289.00	4.68	
290.00	4.30	
291.00	3.30	
292.00	5.57	
293.00	4.03	
294.00	2.45	
295.00	1.12	
296.00	3.71	
297.00	3.91	
298.00	0.40	
299.00	3.56	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	3.66	
301.00	2.33	
302.00	2.06	
303.00	3.84	
304.00	1.56	
305.00	2.23	
306.00	5.29	
307.00	2.28	
308.00	3.10	
309.00	3.79	
310.00	3.54	
311.00	2.52	
312.00	1.84	
313.00	2.11	
314.00	3.72	
315.00	5.66	
316.00	1.02	
317.00	11.30	
318.00	18.20	
319.00	26.90	
320.00	30.20	
321.00	31.90	
322.00	3.46	
323.00	4.41	
324.00	4.85	
325.00	5.86	
326.00	3.54	
327.00	2.15	
328.00	3.02	
329.00	1.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	36.20	
331.00	1.98	
332.00	24.40	
333.00	1.62	
334.00	2.38	
335.00	4.06	
336.00	12.50	
337.00	2.69	
338.00	2.10	
339.00	1.84	
340.00	2.06	
341.00	1.54	
342.00	1.12	
343.00	1.04	
344.00	1.62	
345.00	1.12	
346.00	0.52	
347.00	1.22	
348.00	1.91	
349.00	0.80	
350.00	1.73	
351.00	1.93	
352.00	1.41	
353.00	1.04	
354.00	1.98	
355.00	2.01	
356.00	2.26	
357.00	1.83	
358.00	1.71	
359.00	7.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	2.31	
361.00	2.11	
362.00	2.08	
363.00	2.60	
364.00	8.50	
365.00	3.02	
366.00	0.48	
367.00	1.51	
368.00	0.94	
369.00	1.04	
370.00	5.47	
371.00	4.13	
372.00	6.72	
373.00	2.30	
374.00	3.42	
375.00	3.25	
376.00	3.22	
377.00	2.35	
378.00	0.21	
379.00	1.59	
380.00	2.55	
381.00	17.90	
382.00	7.91	
383.00	1.84	
384.00	0.87	
385.00	1.81	
386.00	1.79	
387.00	1.73	
388.00	19.40	
389.00	3.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	1.68	
391.00	5.09	
392.00	3.41	
393.00	5.54	
394.00	10.00	
395.00	8.18	
396.00	4.80	
397.00	1.29	
398.00	3.96	
399.00	2.41	
400.00	2.55	
401.00	3.96	
402.00	2.70	
403.00	1.42	
404.00	5.72	
405.00	16.70	
406.00	2.20	
407.00	5.98	
408.00	9.18	
409.00	3.86	
410.00	9.34	
411.00	6.97	
412.00	1.10	
413.00	1.99	
414.00	5.15	
415.00	5.44	
416.00	1.94	
417.00	2.67	
418.00	2.23	
419.00	4.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	4.36	
421.00	4.20	
422.00	3.71	
423.00	6.26	
424.00	2.87	
425.00	8.45	
426.00	4.25	
427.00	0.84	
428.00	2.77	
429.00	3.57	
430.00	2.90	
431.00	18.10	
432.00	1.12	
433.00	22.20	
434.00	27.90	
435.00	25.50	
436.00	1.93	
437.00	8.95	
438.00	7.19	
439.00	4.73	
440.00	8.03	
441.00	7.94	
442.00	7.54	
443.00	2.28	
444.00	10.50	
445.00	15.00	
446.00	8.97	
447.00	8.88	
448.00	10.20	
449.00	9.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	20.90	
451.00	23.30	
452.00	25.20	
453.00	7.27	EOH

KLAZA

Hole: KL-DDH-12-66 **Date: June 7/1**

Box #	From (m)	To (m)
1	0.00	5.80
2	5.80	9.84
3	9.84	13.52
4	13.52	17.54
5	17.54	21.58
6	21.58	25.66
7	25.66	29.57
8	29.57	33.19
9	33.19	36.83
10	36.83	40.80
11	40.80	44.52
12	44.52	48.06
13	48.06	52.32
14	52.32	56.24
15	56.24	60.30
16	60.30	64.35
17	64.35	68.51
18	68.51	72.24
19	72.24	76.56
20	76.56	80.25
21	80.25	84.60
22	84.60	88.75
23	88.75	93.13
24	93.13	97.11
25	97.11	101.35
26	101.35	105.47
27	105.47	109.48
28	109.48	113.75
29	113.75	117.96

KLAZA

30	117.96	122.20
31	122.20	126.48
32	126.48	130.42
33	130.42	134.61
34	134.61	138.56
35	138.56	142.86
36	142.86	146.71
37	146.71	150.86
38	150.86	154.95
39	154.95	159.00
40	159.00	162.99
41	162.99	166.91
42	166.91	170.74
43	170.74	175.00
44	175.00	179.07
45	179.07	183.35
46	183.35	187.51
47	187.51	191.49
48	191.49	195.45
49	195.45	199.50
50	199.50	203.15
51	203.15	207.41
52	207.41	211.63
53	211.63	215.84
54	215.84	219.89
55	219.89	223.92
56	223.92	228.02
57	228.02	232.00
58	232.00	235.58
59	235.58	239.25
60	239.25	242.73
61	242.73	246.54
62	246.54	250.63
63	250.63	254.78
64	254.78	258.86
65	258.86	262.86
66	262.86	266.94

KLAZA

67	266.94	270.96
68	270.96	275.03
69	275.03	278.76
70	278.76	282.75
71	282.75	286.70
72	286.70	290.81
73	290.81	294.70
74	294.70	298.74
75	298.74	302.91
76	302.91	306.93
77	306.93	311.14
78	311.14	315.51
79	315.51	319.27
80	319.27	323.57
81	323.57	327.71
82	327.71	331.64
83	331.64	335.71
84	335.71	339.66
85	339.66	343.87
86	343.87	347.85
87	347.85	351.66
88	351.66	355.70
89	355.70	359.98
90	359.98	364.11
91	364.11	367.68
92	367.68	371.55
93	371.55	375.54
94	375.54	379.48
95	379.48	383.62
96	383.62	387.36
97	387.36	391.28
98	391.28	395.07
99	395.07	399.15
100	399.15	403.27
101	403.27	407.39
102	407.39	411.62
103	411.62	415.67

KLAZA

104	415.67	419.85
105	419.85	424.08
106	424.08	428.20
107	428.20	432.10
108	432.10	
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383125.89	6889765	1395.471	276.45

SECTION:

HOLE: KL-DDH-12-67

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 13-16, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	40.50	40.50	GRD	Moderate-intense propyllitic altered granodiorite
40.50	41.40	0.90	VEN	Quartz sulphide veinlet swarm
41.40	65.58	24.18	GRD	Moderate-intense propyllitic altered granodiorite
65.58	85.50	19.92	GRD	Moderate phyllic alteration in granodiorite
85.50	86.00	0.50	VEN	Quartz sulphide vein zone hosting arsenopyrite
86.00	93.78	7.78	GRD	
93.78	95.25	1.47	VEN	Quartz sulphide vein zone hosting arsenopyrite
95.25	110.30	15.05	GRD	
110.30	110.40	0.10	VEN	Quartz sulphide vein zone
110.40	120	9.60	GRD	
120	120.69	0.69	VEN	Vuggy quartz sulphide vein with galena
120.69	132.96	12.27	GRD	
132.96	133.82	0.86	VEN	Smoky quartz sulphide vein zone
133.82	263.5	129.68	GRD	phc
263.5	266.7	3.20	FEL	Quartz feldspar porphyry dyke
266.7	276.45	9.75	GRD	Unaltered granodiorite; EOH 276.45 m

SAMPLES

Numbers: N828230 - N828423

Total: 194

Batch: 4

Date Sent:

Certificate:

COMMENTS

Hole ended due to technical difficulties. Survey started from 887'.

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383065.99	6889758.8	1401.482	321.87

SECTION:

HOLE: KL-DDH-12-68

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates:

Geology logged by: Derek Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.75	6.75	OVB	Overburden
6.75	22.94	16.19	FEL	Grey quartz feldpar porphyry dyke.
22.94	90.20	67.26	GRD	Unaltered GRD with patches of PHC and ARG altera
90.20	93.57	3.37	GRD	Gouge zone hosting sulphide stringers.
93.57	121.21	27.64	GRD	Moderate to strongly phyllic altered granodiorite.
121.21	122.20	0.99	FEL	Grey quartz feldpar porphyry dyke.
122.20	152.52	30.32	GRD	Phyllic and phyllic overprinted argillic altered GRD.
152.52	152.68	0.16	VEN	Smokey quartz, calcite and black sulphide vein.
152.68	174.66	21.98	GRD	Phyllic and phyllic overprinted argillic altered GRD.
174.66	177.07	2.41	VEN	Strongly silicified sulphide vein zone.
177.07	225.13	48.06	GRD	Phyllic and phyllic overprinted argillic altered GRD.
225.13	237.97	12.84	GRD	Moderate to strongly propyllitic altered granodiorite.
237.97	238.22	0.25	VEN	Smokey quartz and semi-massive pyrite vein.
238.22	305.05	66.83	GRD	Alternation patches of PHC, ARG AND PRO alteratio
305.05	310.89	5.84	FEL	Grey quartz feldpar porphyry dyke.
310.89	321.87	10.98	GRD	Weak to moderatly propyllitic altered granodiorite.
321.87				EOH

SAMPLES

Numbers: N829158 - N829377

Total: 220

Batch: 1-7

Date Sent: June 23, 2012

Certificate:

COMMENTS

EOH at 321.87m

KLAZA

Hole: KL-DDH-12-68 **Logger Name: Derek Walsh** **Date: June 13, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	6.75	6.75					OVB		LT	BN		X									Light brown overburden containing clast of unaltered weakly argillic granodiorite.
6.75	22.94	16.19					FEL		MD	GY		X									Medium grey quartz feldspar porphyry dyke that has been oxidized orange. Dyke is heavily fractured.
									MD	OR											
			17.88	18.60	0.72		GRD			OR		X		ARG	3I						White moderatly argillic altered granodiorite that is partially oxidized orange.
										WH											
22.47	22.94	0.47					BXA		MD	GY			X								Medium to dark grey brecciated silicified granodiorite hosting trace amounts of pyrite blebs. Lower half of the interval is brecciated by chalcedony.
									DK	GY											
22.94	33.13	10.19					GRD			GY				ARG	3I						Moderatly argillic altered granodiorite weakly overprinted by phyllic alteration and contains patches of weak propyllitic alteration. Propyllitic alteration increases to strong at the end of the interval, hosting multiple gouge veins.
										GN				PHC	2I						
											PA			PRO	2-4I						
33.13	51.68	18.55					GRD		MD	GY											
			36.00	37.22	1.22		GRD		LT	GN	EN			PHC	3I						Grey unalterd granodiorite.
			37.22	43.12	5.90		GRD			WH		X		ARG	3-4I						Green moderate phyllic envelope around a quartz, sulphide and gouge vein.
										GN	PA			PRO	3I						
											PA			PHC	2I						
			47.13	48.01	0.88		GRD			WH				ARG	3I						White argillic altered granodiorite with patches of phyllic and potassic alteration.
										GN	PA			PHC	2I						
										RD	PA			POT	3I						
51.68	71.33	19.65					GRD		LT	GN				PHC	3-4I	<1					Light green moderate to strongly phyllic altered granodiorite hosting a dark grey quartz sulphide gouge zone with disseminated pyrite. It contains patches of weak propyllitic alteration at the end of the interval.
											PA			PRO	2I						
71.30	87.60	16.30					GRD			GY											Grey unaltered granodiorite with small weak phyllic envelopes areound white quartz or carbonate veinlets.
									LT	GN	EN			PHC	2I						
			76.63	77.40	0.77		GRD		LT	GN	EN			PHC	3I						Light green moderatly phyllic envelope surrounding a quartz sulphid vein.
87.60	121.21	33.61			0.00		GRD		LT	GN				PHC	3-4I	<1					Light green moderate to strongly phyllic altered granodiorite hosting trace amounts of disseminated pyrite. It contains patches of weak tomoderate argillic alteration. The interval hosts multiple quartz sulphide veins and a large clay gouge zone.
										WH	PA			ARG	2-3I						
			97.17	99.72	2.55		GRD		DK	GN				PRO	2I						Weakly propylitic granodiorite. The interval is fractured and partially broken up.
									MD	GY											
			107.36	109.49	2.13		GRD		DK	GN				PRO	2I						Moderatly propyllitic altered granodiorite.
									MD	GY											
			109.57	113.13	3.56		GRD		DK	GN				PRO	2-3I						Weak to moderatly propyllitic altered granodiorite.
									MD	GY											
			113.13	114.45	1.32		GRD		LT	GN				ARG	3I						Moderatly argillic altered granodiorite with a weak phyllic overprint.
														PHC	2I						
121.21	122.20	0.99					FEL			GY											Grey quartz feldspar prophryr dyke
122.20	207.20	85.00					GRD			GN	PA			PHC	2-4I						Alternating patches of phyllic and phyllic overprinted argillic alteration. Phyllic alteration is more abundant and expansive then the argillic alteration.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
									LT	GY	PA			ARG	2-3I						
			125.96	127.00	1.04		GRD		DK	GY				PRO	2I						Weakly proplylitic altered granodiorite.
									DK	GN											
			134.22	134.70	0.48		GRD		LT	PU											Unaltered light purple granodiorite with patches of weak propyllitic alteration
									DK	GN				PRO	2I						
			140.13	140.96	0.83		GRD			WH				ARG	4I						Strongly argillic altered granodiorite hosting moderate to strongly hematite staining.
										RD				HEM	3-4I						
			142.58	145.15	2.57		GRD		DK	GN			X	PRO	3-4I						Moderate to strong propyllitic alteration alternating with moderatly phyllic altered and silicified granodiorite.
									MD	GN				PHC	3I						
			152.68	153.00	0.32		GRD			GY			X	ARG	3I	5.00					Moderatly argillic altered granodiorite with weak phyllic overprint and weakly silicified. Interval hosts disseminated to blebby pyrite. A large bleb (mass?)(6cm) of grey quartz is inb the center of the interval.
														PHC	2I						
			153.71	154.20	0.49		GRD			GY			X	PHC	2I	<1					Intensely silicified, weakly phyllic altered granodiorite, hosting trace amounts of disseminated pyrite.
			159.20	159.60	0.40		GRD		DK	GN				PRO	2I						Weakly propyllitic and potassic altered granodiorite.
									DK	PU				POT	2I						
			160.28	161.00	0.72		GRD			GN				PHC	3I						Moderatly propyllitic and weakly potassic altered granodiorite.
									LT	RD				POT	2I						
			169.90	173.75	3.85		GRD		LT	GN				PHC	3I						Moderatly phyllic altered granodiorite hosting an abundance of white carbonate veinlets and stringers along with many grey gouge filled fractures.
			174.66	177.98	3.32		VEN		DK	GY											Silicified vein and breccia sulphide zone.
			186.10	188.06	1.96		GRD			WH				ARG	4I						Strongly argillic altered granodiorite with large patches of weak to strong hematite staining. Strong propyllitic envelopes (1-2cm) around quartz stringers.
									LT	RD				HEM	2-4I						
									DK	GN	EN			PRO	4.00						
			189.78	192.87	3.09		GRD			WH				ARG	3I						Moderatly argillic alteration with hematite and phyllic overprinting. Strong propyllitic envelopes arounds quartz carbonate stringers.
									LT	GN				PHC	2-3I						
									LT	RD				HEM	3I						
									DK	GN	EN			PRO	4I						
			192.87	194.34	1.47		GRD		DK	GN				PRO	2I						Weakly propyllitic and potassic a;tered granodiorite.
									LT	RD				POT	2I						
			198.80	199.00	0.20		GRD			GY			X			3.00					Intensely silicified granodiorite hosting disseminated to blebby pyrite.
			201.12	201.41	0.29		GRD			GY			X	PHC	2I	3.00					Moderatly silicified and weakly phyllic altered granodiorite hosting blebby to disseminated pyrite.
			201.41	203.67	2.26		GRD			GY			X	PHC	3I	<1					Strongly silicified and moderatly and moderatly phyllic altered granodiorite. Hoststrace amounts fo disseminated pyrite.
									LT	GN											
			204.67	206.72	2.05		GRD		DK	GN				PRO	2-3I						Weak to moderatly propyllitic altered granodiorite.
										GY											
207.20	225.13	17.93					GRD			GN			X	PHC	2I						Weakly phyllic and weak to strongly silicified granodiorite. Large portions of the interval are partially or entierly altered to gry gouge. The partial alteration occure primarily as infilling of the abundant fractures throughout the interval.
										GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
225.13	235.71	10.58					GRD		DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite with large patches of light green moderate phyllic alteration. Phyllic patches contain unmineralized grey quartz veins/veinlets.
									LT	GN				PHC	3I						
			226.55	228.08	1.53		GRD		LT	GN				PHC	3I						Light green moderatly phyllic altered granodiorite with patches of argillic alteration with moderate phyllic overprint. Contains three unmineralized grey quartz veinlets.
														ARG	3I						
			229.56	231.57	2.01		GRD		LT	GN				PHC	3I						Light green moderatly phyllic altered granodiorite with patches of argillic alteration with moderate phyllic overprint. Contains three unmineralized grey quartz veinlets.
														ARG	3I						
			233.97	235.71	1.74		GRD		LT	GN				PHC	3I						Light green moderatly phyllic altered granodiorite with patches of argillic alteration with moderate phyllic overprint.
														ARG	3I						
235.71	239.05	3.34					GRD		LT	GN	VU		X	PHC	3I						Moderalty silicified and phyllic altered granodiorite. The interval hosts a vuggy calcite vein, smokey quartz/massive pyrite vein and multiple quartz sulphide veinlets and stringers.
										GY											
239.05	250.57	11.52					GRD			WH				ARG	3I						Moderatly phyllic altered granodiorite with a weak phyllic overprint. Contains patches of strong propyllitic alteration. Propyllitic alteration increases in quality at the end of the interval.
									LT	GN				PHC	2I						
									DK	GN	PA			PRO	4I						
			242.93	245.95	3.02		GRD		DK	GN			X	PRO	3I						Moderatly propyllitic altered granodiorite with patches of weak silicification.
										GY											
250.47	259.60	9.13					GRD		LT	GN			X	PHC	3I						Moderatly phyllic altered granodiorite that has been weak to moderatly silicified. The interval contains patches of argillic alteration, most of which have a weak phyllic overprint. There are occationals quartz sulphide stringers throughout the interval.
										GY	PA			ARG	3I						
			258.03	258.23	0.20		APL			GY			X								Intensely silicified grey green aplite dyke. The lower third of the dyke has been minorly brecciated by white carbonate veinlets.
										GN											
259.00	271.71	12.71					GRD		DK	GN				PRO	2-4I						Weak to strongly propylitic altered granodiorite hosting an abundance of unmineralized white carbonate stringers. Contains patches of both moderate silicificatio and argillic alteration.
										GY	PA			ARG	3I						
			264.24	264.90	0.66		GRD		LT	GN				PHC	3I						Light green moderatly phyllic altered granodiorite.
271.71	284.27	12.56					GRD			WH				ARG	3-4I						Moderate to strongly argillic altered granodiorite with multiple patches of weak to moderate propyllitic alteration. The interval contains multiple quartz carbonate veinlets.
									DK	GN	PA			PRO	2-3I						
284.27	299.58	15.31					GRD		DK	GN				PRO	2-3I						Weak to moderatly propyllitic altered granodiorite with patches of moderate phyllic alteration. Contains an abundance of white carbonate unmineralized veinlets and stringers of differing orientations.
										WH	PA			ARG	3I						
299.58	305.05	5.47					GRD		LT	GN				PHC	3I						Green moderatly phyllic altered granodiorite with patches of moderate phyllic alteration

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
										GY	PA			ARG	3I						
			301.88	301.96	0.08		GRD			GY			X			<1					Band of intensely silicifed granodiorite, hosting trance amounts of disseminated pyrite.
305.05	310.89	5.84					FEL			GY											Grey green quartz feldspar porphyry dyke.
										GN											
			305.63	306.65	1.02		FEL			GY											Heavily fractured and gouge infilled quartz feldspar porphyry dyke.
										GN											
310.89	321.87	10.98					GRD		DK	GN				PRO	2-3I						Dark green/grey weak to moderatky propyllitic altered granodiorite. Hosts a few white carbonate veinlets and stringers.
									DK	GY											
			314.84	316.29	1.45		GRD		LT	GN				PHC	2-3I						Weak to moeratly phyllic and argillic altered granodiorite.
														ARG	2-3I						
321.87																					EOH

KLAZA

Hole: KL-DDH-12-68 **Logger Name: Derek Walsh** **Date: June 13, 2012**

Depth (m)		DESCRIPTION
6.75		Sharp contact between weakly argillic altered granodiorite and a grey quartz feldspar porphyry dyke.
22.94		Sharp contact between moderatly argillic altered granodiorite and a grey quartz feldspar porphyry dyke.
121.21		Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
122.20		Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
258.03		Sharp contact between moderatly phyllic altered granodiorite and a grey green aplite dyke.
258.23		Sharp contact between moderatly phyllic altered granodiorite and a grey green aplite dyke.
305.05		Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.
310.89		Sharp contact between moderatly phyllic altered granodiorite and a grey quartz feldspar porphyry dyke.

KLAZA

Hole: KL-DDH-12-68 **Logger Name:** Derek Walsh **Date:** June 18, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	7.06	7.16			1.00			Soft brown oxidized clay gouge.	
GO	11.93	12.07	70.00		1.00			Light tan gouge hosting fragments of grey quartz.	
VN	24.93	25.03	60.00		1.00	Py	15.00	Grey to blakc quartz sulphide vein hostoing disseminated to blebby pyrite and black sulphide stringers. Contains trace blebs of galena.	
					1.00	Gn	<1		
GO	30.11	30.28	65.00		1.00			Grey and light tan clay gouge vein.	
GO	30.58	30.62	65.00		1.00			Grey clay gouge vein.	
GO	30.97	31.00	70.00		1.00			Grey clay gouge vein.	
GO	31.10	31.11	55.00		1.00			Grey clay gouge vein.	
VN	31.45	31.50	75.00		1.00	Py	3.00	Grey quartz and white calcedony vein hosting 3% pyrite blebs and multiple black sulphide stringers.	
VN	36.70	36.72	50.00		1.00	Py	10.00	Grey quartz vein hosting disseminated pyrite and tourmaline blebs.	
					1.00	To	25.00		
VN	36.74	36.86	80.00		1.00	Py	1.00	Grey to milky white quartz vein hosting disseminated pyrite and paralleling a 6cm semi clay gouge vein.	
VN	52.76	52.79	77.00		1.00	Py	1.00	Blebby pyrite and sphalerite vein.	
					1.00	Sp	60.00		
VN	53.25	53.98			1.00	Py	1.00	White and black siliceous gouge sulphide zone exhibiting moderate brecciation and host disseminated to blebby pyrite.	
VT	55.57	55.58	50.00		1.00	Py	20.00	Milky white quartz veinlet hosting blebby pyrite.	
VN	64.48	64.50	35.00		1.00	Py	20.00	Blebby tourmaline pyrite vein	
					1.00	To	30.00		
GO	66.44	66.45	30.00		1.00	Py	20.00	Black gouge veinlet hosting disseminated pyrite.	
VN	69.52	69.54	75.00		1.00	Py	2.00	Grey to milky white quartz hosting disseminated pyrite.	
VN	76.87	76.90	75.00		1.00	Py	40.00	Grey quartz vein hosting semi-massive pyrite and blebby sphalerite.	
					1.00	Sp	10.00		
GO	84.84	84.86	45.00		1.00			Dark grey gouge vein.	
VN	86.38	86.40	85.00		1.00	Py	2.00	Grey quartz vein hosting trace amounts of blebby Py and galena.	
						Gn	<1		
VT	88.90	88.91	85.00		1.00	Py	60.00	Grey quartz and blebby pyrite veinlet.	
VN	89.02	89.05	85.00		1.00	Py	3.00	White chalcedony vein hosting blebby Py, massive Sp and trace amounts of disseminated As.	
					1.00	Sp	70.00		
					1.00	As	<1		
VT	89.40	89.41	85.00		1.00	Py	2.00	White chalcedony vein hosting disseminated Py and Sp.	
					1.00	Sp	3.00		
VN	89.57	89.59	85.00		1.00	Py	25.00	Grey quartz sulphide vein hosting disseminated to blebby pyrite and sphalerite along with trace amounts of galena.	
					1.00	Sp	25.00		
					1.00	Gn	<1		
GO	90.20	93.57			1.00	Py	1.00	Grey clay gouge zone hosting multiple quartz sulphide stringers and disseminated pyrite.	
VN	93.57	93.80	75.00		4.00	Py	2.00	Zone hosting multiple white chalcedony and black sulphide veins and stringers.	
VN	94.79	94.92	85.00		1.00			White carbonate breccia, containing green phyllic altered granodiorite clasts.	
VN	94.98	95.08	80.00		1.00	Py	10.00	Black sulphide vein with a 2cm white carbonate vein running through the center. Vein hosts disseminated to semi-massive pyrite and blebby sphalerite.	
					1.00	Sp	<1		
GO	101.15	101.41	25.00		1.00	Py	1.00	Black sulphide gouge vein hosting disseminated pyrite.	
GO	101.41	101.84	25.00		1.00	Py	1.00	Grey clay gouge vein hosting blebby to disseminates pyrite.	
VN	106.25	106.39			4.00	Py	2.00	Quartz carbonate vein/veinlet hosting disseminated pyrite and sphalerite, which exhibitsminor amounts of brecciation.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	1.00		
VN	108.87	109.15			5.00	Py	10.00	Vein zone hosting a semi-massive pyrite chalcedony vein, a chalcedony vein hosting blebb sphalerite, pyrite and galena, two chalcedony veinlets hosting disseminated pyrite, one is a vuggy quartz/calcite and black sulphide vein hosting disseminated pytite,	
						Sp	1.00		
						Gn	1.00		
VN	114.33	114.35	85.00		1.00			White/yellow calcite vein.	
VN	114.35	114.36	85.00		1.00	Py	1.00	Grey quartz vein that has been brecciated and host trace amounts of disseminated pyrite.	
VN	120.86	120.91	75.00		4.00	Py	30.00	Veinlet zone hosting white chalcedony, black sulphide and pyrite veinlets.	
GO	121.19	121.21	75.00		1.00			Grey clay gouge.	
BX	122.20	122.22	85.00		1.00	Py	2.00	Black sulphide beccia hosting disseminated to blebby pyrite.	
VN	122.28	122.33	70.00		1.00	Py	17.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite and sphalerite, as well as disseminated arsenopyrite.	
						Sp	3.00		
						As	1.00		
VN	122.43	122.54	75.00		1.00	Py	10.00	Smokey quartz and calcite vein hosting disseminated to blebby pyrite and disseminated arsenopyrite.	
						As	<1		
VN	125.00	125.03	85.00		1.00	Py	8.00	Grey quartz and white chalcedony vein hosting blebby to disseminated pyrite.	
VT	125.08	125.09	85.00		1.00	Py	40.00	Grey quartz veinlet (2mm) hosting blebby pyrite and sphalerite.	
						Sp	40.00		
VN	130.62	130.64	50.00		1.00			Green aplite vein (1.5cm) is faulted perpendicularly at 50° and the fault plane is infilled by a white pink quartz carbonate vein.	
BX	132.84	132.98	80.00		1.00	Py	3.00	black, green, grey silicified sulphide breccia hosting disseminated pyrite and galena.	
						Gn	2.00		
VT	139.43	139.43	20.00		1.00	Sp	70.00	Grey quartz and bright red sphalerite veinlet	
VN	146.06	146.12	80.00		1.00	Py	20.00	Grey quartz sulphite vein hosting disseminated to blebby pyrite, sphalerite and galena.	
						Sp	3.00		
						Gn	4.00		
VN	146.25	146.28	85.00		1.00	Py	10.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	147.60	147.86	50.00		4.00	Py	7.00	Vein/veinlet zone hosting two grey quartz/white carbonate veins and two white carbonate veonlets. Pyrite is disseminated throughout the interval.	
VT	150.05	150.06	70.00		1.00	Py	15.00	Grey quartz and white carbonate vein hosting disseminated pyrite and sphalerite.	
						Sp	10.00		
VN	150.43	150.47	70.00		1.00			Grey quartz and white carbonate vein hosting disseminated to blebby pyrite,+/- 10cm around the vein hosting dissemnated pyrite.	
VN	150.59	150.61	35.00		1.00			Silicified gouge vein hosting disseminated pyrite.	
VN	150.83	150.84	75.00		1.00	Py	10.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	152.25	152.68			1.00			Grey to smokey quartz, white calcite and black sulphide vein hosting disseminated to semi-massive pyrite. The upper third of the vein has been brecciated by white calcite and contains vugs wchich hold calcite rhombs up to 1cm in size.	
BX	153.01	153.13	75.00		1.00	Py	4.00	Smokey quartz/white calcite/ black carbonate breccia hosting disseminated to blebby pyrite.	
VN	155.23	155.27	20.00		1.00	Py	2.00	Grey to smokey quartz vein (4cm) crosscut by multiple white carbonate veinlets and stringers of diffeering angles.	
VN	164.69	164.75	85.00		1.00	Py	2.00	Grey quartz vein hosting disseminated pyrite and is crosscut by carbonate veinlets.	
VN	166.17	166.28	85.00		1.00	Py	8.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	166.47	166.57	85.00		1.00	Py	2.00	Silicified vein zone hosting disseminated pyrite with a 1cm white carbonate vein in the center of the interval hosting disseminated pyrite and sphalerite.	
						Sp	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	167.00	167.06	80.00		1.00			Light tan gouge vein.	
VN	167.71	167.80	85.00		1.00	Py	3.00	Silicified vein zone hosting disseminated to blebby pyrite. The lower third has been minorly brec ciated by carbonate veinlets.	
VN	169.65	169.76	85.00		2.00	Py	3.00	Contains two (2-3cm) grey quartz and light tan carbonate veins which host disseminated to blebby pyrite.	
GO	169.85	169.91	85.00		1.00			Grey gouge vein.	
BX	173.82	173.91	65.00		1.00	Py	4.00	Intensely silicified granodiorite, brecciated by white carbonate veinlets, which hosts disseminated pyrite.	
GO	174.39	174.99	70.00		1.00			Ligth grey gouge zone.	
VN	174.66	177.07			1.00	Py	5.00		
						SP	<1	Strongly silicifed vein zone. Large grey to smokey quartz veins have been brecciated by carbonate vein/veinlets and stringers. White calcite rhombs are clearly visible in smokey quartz. Two 7cm mineralized bands of blebby pyrite in in high abundance hosted in smokey quartz are located at 175.28m and 176.31m. Disseminated to blebby pyrite is abundant throughout the interval. Trace amounts of of sphalerite and galena are present and primarily located in the center of the interval. Arsenopyrite is slightly less frequent but is present in small quantities throughout the interval. Chalcopyrite is present in trace amounts and found in conjunction with pyrite.	
						Gn	<1		
						As	<1		
VN	177.07	177.74	75.00		10.00	Py	70.00	Quartz sulpjide vein zone (5veins/5 veinlets) with multiple quartz sulphide stringers. Veins/veinlets host an abundance of blebby pyrite with trace amounts of arsenopyrite. The majority of the veins are located at 75°.	
						As	<1		
VN	177.74	177.90	53.00		1.00	Py	75.00	Smokey quartz vein hosting ~75% massive pyrite and ~5% semi-massive chalcopyrite. Part of the vein is missing, which lowers the recovery.	
						Cp	5.00		
VN	177.97	177.98	85.00		1.00	Py	70.00	Grey quartz vein hosting an abundance of blebby pyrite and trace amounts of arsenopyrite.	
						As	1.00		
VN	179.87	179.89	75.00		1.00	Py	35.00	Smokey quartz vein (1.5cm) hosting blebby pyrite.	
GO	180.66	180.70	50.00		1.00	Py		Grey clay gouge	
VN	183.61	183.62	80.00		1.00	Py	40.00	Grey quartz vein (1cm) hosting disseminated pyrite and light tan ankerite stringers.	
VN	184.52	184.54	85.00		1.00	Py	50.00	Grey quartz vein hosting disseminated to blebby pyrite, bleddy sphalerite and disseminated galena.	
						Sp	3.00		
						Gn	1.00		
VN	185.04	185.09	70.00		2.00	Py	8.00	A 2.5cm white carbonate veinlet parallels a 2.5cm grey quartz veinlet which host blebby pyrite. The veins are divided by a 100% sphalerite stringer.	
						Sp	1.00		
VN	188.55	189.60	60.00		1.00	Py	3.00	White (1.5cm) calcite vein paralleled by light tan carbonate and grey quartz veins (1cm) on either side. Veins host disseminated to blebby pyrite and sphalerite. White calcite contains an angular 2cm long pseudohexagonal smokey quartz inclusion.	
						Sp	3.00		
VT	195.82	195.83	85.00		1.00	Py	15.00	Grey quartz and blebby pyrite veinlet.	
ST	196.04	196.06	85.00		4.00	Py	50.00	Black sulphide and pyrite stringer zone.	
VT	199.25	199.35	70.00		2.00	Py	10.00	Smokey quartz veinlet zone hosting dissemiinated pyrite.	
VT	200.68	200.76	75.00		5.00	Py	3.00	Grey quartz veinlet zone hosting disseminated pyrite.	
VN	202.43	202.44	75.00		1.00	Py	30.00	Light tan carbonate vein hosting blebby pyrite and disseminated arsenopyrite.	
						As	3.00		
GO	211.76	213.78			1.00			Large gouge zone with grey strongly silicified granodiorite clasts (1mm-2cm) in the light grey gouge matrix.	
GO	216.00	216.30			1.00			Light tan gouge.	
VN	217.58	217.62	85.00		1.00	Py	20.00	Grey to smokey quartz vein hosting blebby pyrite and sphalerite.	
						Sp	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	217.62	221.59			1.00			Grey to light tan clay gouge hoisting clasts of silicified granodiorite (<1cm). Patches in the lower half of the interval are black sulphide gouge.	
VN	231.04	231.05	85.00		1.00	Py	<1	Light pink carbonate vein hosting a few small pyrite blebs.	
VT	235.52	235.53	80.00		1.00	Py	3.00	Light tan carbonate/grey quartz and black sulphide stringer and veinlet hosting weak amounts of disseminated pyrite.	
VN	235.95	236.00	25.00		1.00	Py	1.00	Milky white quartz vein that is infilled by a dark green breccia with white quartz clasts. Edges of infill exhibt semi-comb texture.	
VT	237.03	237.58			16.00	Py	10.00	Veinlet/stringer zone hosting an abundance of quartz pyrite stringers.	
VT	237.67	237.71	75.00		4.00	Py	3.00	Veinlet zone of four smokey quartz veinlets hosting disseminated pyrite.	
BX	237.71	237.90	55.00		1.00			White vuggy carbonate breccia hosting pyrite blebs and grey strongly silicified granodiorite clasts. Vuggs contain small (0.5cm) calcite crystals.	
VN	237.97	238.22	77.00		1.00	Py	35.00	Grey to smokey quartz vein hosting disseminated to semi-massive pyrite.	
VT	238.81	238.82	75.00		1.00	Py	50.00	Grey quartz and blebby pyrite veinlet	
VT	240.79	240.80	55.00		1.00	Py	40.00	Smokey quartz veinlet hosting disseminated arsenopyrite and blebby pyrite.	
						As	2.00		
GO	241.96	242.93			1.00			Grey gouge zone containing moderate phyllic altered granodiorite that has ben partially of fully altered to gouge.	
VN	254.68	254.70	80.00		1.00	Py	65.00	Grey quartz and bleeby to semi-massive pyrite vein (1.5).	
BX	254.95	255.12	35.00		1.00	Py	1.00	Medium grey carbonate breccia with clast of phyllic altered granodiorite and quartz. Hosts disseminated pyrite.	
GO	255.72	256.21			1.00	Py	2.00	Dark grey to black sulphide gouge hosting an abundance of pyrite stringers and disseminated pyrite.	
GO	256.21	256.64			1.00	Py	2.00	Dark grey/light green partial gouge zone with moderatly phyllic altered granodiorite hosting pyrite stringers.	
BX	257.52	257.62	50.00		1.00			White carbonate breccia hosting disseminated pyrite and green phyllic granodiorite clasts.	
VN	264.31	264.33	80.00		1.00	Py	2.00	1.5cm light tan to grey quartz/carbonate vein hosting blebby to disseminated pyrite.	
VT	272.00	272.01	85.00		1.00	Py	40.00	Dark grey quartz and pyrite veinlet.	
VN	272.13	272.18	85.00		1.00	Py	20.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	277.66	280.13			1.00	Py	1.00	Grey clay gouge zone containing 1mm-4cm sized clasts of moderatly phyllic altered granodiorite. Hosts disseminated to blebby pyrite.	
VT	281.94	281.95	85.00		1.00	Py	25.00	Grey quartz veinlet hosting disseminated to blebby pyrite, sphalerite and galena.	
						As	25.00		
						Sp	25.00		
VN	284.56	284.57	80.00		1.00	Py	5.00	Grey quartz vein hosting blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	286.94	286.95	80.00		1.00	Py	10.00	Grey quartz vein hosting blebby pyrite and sphalerite.	
						Sp	5.00		
VN	287.13	287.14	85.00		1.00	Py	1.00	White carbonate veinlet hosting disseminated pyrite.	
VN	287.37	287.38	65.00		1.00	Py	1.00	Grey quartz veinlet hosting blebs of pyrite and sphalerite.	
						Sp	3.00		
VT	287.56	287.57	80.00		1.00	Py	10.00	Grey quartz veinlet hosting disseminated pyrite and sphalerite.	
						Sp	10.00		
BX	291.79	291.84	85.00		1.00	Py	1.00	Dark grey breccia hosting trace amounts of disseminated pyrite. Breccia has two white cardonate veinlets running through it.	
DY	298.25	298.37	25.00		1.00			Green/grey aplite dyke	
VN	298.58	298.61	80.00		1.00	Py	7.00	Smokey quartz and blebby pyrite vein.	
GO	300.05	300.17			1.00			Grey to dark grey clay gouge	
VN	301.00	301.10	70.00		1.00	Py	3.00	White quartz vein hosting disseminated pyrite and blebby sphalerite and galena.	
						Sp	10.00		
						Gn	5.00		
GO	301.60	301.66			1.00			Grey clay gouge.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	303.26	303.28	85.00		1.00	Py	5.00	Grey quartz vein hosting disseminated pyrite and sphalerite.	
						Sp	10.00		
VN	303.39	303.41	85.00		1.00	Py	15.00	Grey quartz veinlet hosting disseminated to blebby pyrite and sphalerite.	
						Sp	20.00		
VN	303.67	303.73	85.00		1.00	Py	5.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	304.53	304.55	75.00		1.00	Py	85.00	Grey quartz vein hosting semi-massive to massive pyrite and blebby chalcipyrite.	
						Cp	2.00		
GO	304.68	305.05			1.00			Grey clay gouge.	
VN	315.99	316.03	85.00		1.00	Py	20.00	Grey quartz vein hosting disseminated to blebby pyrite.	
	321.87							EOH	

KLAZA

Hole: KL-DDH-12-68 **Date:** June 13, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
5.12	6.75	1.63	0.90	55.2	N829158	1				
6.75	8.74	1.99	1.93	97	N829159	1				
8.74	11.22	2.48	2.39	96.4	N829160	1				
11.22	12.18	0.96	0.96	100	N829161	1				
12.18	15.30	3.12	3.00	96.2	N829162	1				
15.30	17.86	2.56	2.53	98.8	N829163	1				
17.86	18.94	1.08	1.00	92.6	N829164	1				
					N829165	1				Duplicate
18.94	21.24	2.30	2.30	100	N829166	1				
21.24	22.51	1.27	1.00	78.7	N829167	1				
					N829168	1				Klaza Standard 2
22.51	23.52	1.01	1.00	99	N829169	1				
23.52	24.52	1.00	1.00	100	N829170	1				
24.52	25.51	0.99	0.99	100	N829171	1				
					N829172	1				Blank
25.51	28.00	2.49	2.49	100	N829173	1				
28.00	30.15	2.15	2.08	96.7	N829174	1				
30.15	31.51	1.36	1.32	97.1	N829175	1				
31.51	33.13	1.62	1.62	100	N829176	1				
33.13	36.00	2.87	2.88	100	N829177	1				
36.00	37.00	1.00	1.00	100	N829178	1				
37.00	39.84	2.84	2.65	93.3	N829179	1				
39.84	41.76	1.92	1.89	98.4	N829180	1				
					N829181	1				Coarse reject duplicate
41.76	42.77	1.01	1.00	99	N829182	1				
42.77	45.79	3.02	3.00	99.3	N829183	1				
45.79	48.78	2.99	3.00	100	N829184	1				
48.78	50.49	1.71	1.71	100	N829185	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N829186	1				Klaza standard 3
50.49	52.18	1.69	1.69	100	N829187	1				
52.18	53.18	1.00	1.00	100	N829188	1				
53.18	54.18	1.00	1.00	100	N829189	1				
					N829190	1				Blank
54.18	55.64	1.46	1.46	100	N829191	1				
55.64	58.73	3.09	2.98	96.4	N829192	1				
58.73	59.74	1.01	1.00	99	N829193	1				
59.74	60.70	0.96	0.96	100	N829194	2				
60.70	62.17	1.47	1.47	100	N829195	2				
62.17	63.29	1.12	1.12	100	N829196	2				
63.29	64.34	1.05	1.03	98.1	N829197	2				
					N829198	2				Duplicate
64.34	65.39	1.05	1.00	95.2	N829199	2				
65.39	66.58	1.19	1.19	100	N829200	2				
66.58	68.72	2.14	2.13	99.5	N829201	2				
68.72	69.76	1.04	1.03	99	N829202	2				
					N829203	2				Blank
69.76	72.82	3.06	3.00	98	N829204	2				
72.82	75.29	2.47	2.47	100	N829205	2				
75.29	76.39	1.10	1.10	100	N829206	2				
					N829207	2				Klaza Standard 3
76.39	77.39	1.00	1.00	100	N829208	2				
77.39	80.04	2.65	2.53	95.5	N829209	2				
80.04	82.83	2.79	2.80	100	N829210	2				
					N829211	2				Coarse Reject
82.83	83.93	1.10	1.00	90.9	N829212	2				
83.93	84.98	1.05	1.05	100	N829213	2				
84.98	86.08	1.10	1.10	100	N829214	2				
86.08	87.06	0.98	0.98	100	N829215	2				
87.06	88.82	1.76	1.76	100	N829216	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
88.82	89.79	0.97	0.95	97.9	N829217	2				
					N829218	2				Blank
89.79	90.78	0.99	0.95	96	N829219	2				
90.78	93.97	3.19	2.73	85.6	N829220	2				
					N829221	2				Klaza Standard-2
93.97	95.14	1.17	1.17	100	N829222	2				
95.14	96.55	1.41	1.23	87.2	N829223	2				
96.55	98.21	1.66	1.66	100	N829224	2				
98.21	99.76	1.55	1.55	100	N829225	2				
99.76	101.17	1.41	1.27	90.1	N829226	2				
101.17	102.18	1.01	0.93	92.1	N829227	2				
102.18	103.53	1.35	1.35	100	N829228	2				
103.53	105.37	1.84	1.84	100	N829229	2				
105.37	106.44	1.07	1.07	100	N829230	3				
106.44	108.65	2.21	2.21	100	N829231	3				
108.65	109.70	1.05	1.05	100	N829232	3				
					N829233	3				Blank
109.70	111.84	2.14	2.14	100	N829234	3				
111.84	113.55	1.71	1.69	98.8	N829235	3				
113.55	114.56	1.01	1.00	99	N829236	3				
					N829237	3				Duplicate
114.56	116.88	2.32	2.32	100	N829238	3				
116.88	119.07	2.19	2.19	100	N829239	3				
119.07	120.24	1.17	1.10	94	N829240	3				
					N829241	3				Klaza Standard 2
120.24	121.19	0.95	0.95	100	N829242	3				
121.19	122.20	1.01	0.97	96	N829243	3				
122.20	123.20	1.00	1.00	100	N829244	3				
					N829245	3				Blank
123.20	124.71	1.51	1.51	100	N829246	3				
124.71	125.71	1.00	1.00	100	N829247	3				
125.71	127.00	1.29	1.29	100	N829248	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
127.00	128.80	1.80	1.69	93.9	N829249	3				
128.80	131.27	2.47	2.47	100	N829250	3				
131.27	132.25	0.98	0.98	100	N829251	3				
					N829252	3				Klaza Standard 1
132.25	133.30	1.05	0.98	87.6	N829253	3				
133.30	134.22	0.92	0.92	100	N829254	3				
134.22	136.25	2.03	2.02	99.5	N829255	3				
					N829256	3				Coarse Reject Duplicate
136.25	138.43	2.18	2.18	100	N829257	3				
138.43	139.83	1.40	1.39	99.3	N829258	3				
139.83	142.34	2.51	2.26	90	N829259	3				
142.34	145.43	3.09	3.00	97.1	N829260	3				
145.43	146.43	1.00	0.96	96	N829261	3				
146.43	147.67	1.24	1.24	100	N829262	3				
147.67	149.82	2.15	2.15	100	N829263	3				
149.82	150.95	1.13	0.96	85	N829264	3				
150.95	152.26	1.31	1.31	100	N829265	3				
152.26	153.23	0.97	0.96	99	N829266	4				
					N829267	4				Blank
153.23	154.30	1.07	0.98	91.6	N829268	4				
154.30	155.49	1.19	1.19	100	N829269	4				
155.49	157.58	2.09	1.99	95.2	N829270	4				
157.58	160.45	2.87	2.87	100	N829271	4				
					N829272	4				Coarse reject duplicate
160.45	162.35	1.90	1.90	100	N829273	4				
162.35	164.48	2.13	2.00	93.9	N829274	4				
164.48	166.02	1.54	1.39	90.3	N829275	4				
					N829276	4				Duplicate
166.02	166.99	0.97	0.97	100	N829277	4				
166.99	167.94	0.95	0.95	100	N829278	4				
167.94	169.64	1.70	1.68	98.8	N829279	4				
169.64	170.64	1.00	1.00	100	N829280	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
170.64	172.44	1.80	1.73	96.1	N829281	4				
172.44	173.64	1.20	1.20	100	N829282	4				
					N829283	4				Klaza Standard 2
173.64	174.65	1.01	0.95	94.1	N829284	4				
					N829285	4				Klaza Standard 1
174.65	177.17	2.52	2.35	93.3	N829286	4				
177.17	178.14	0.97	0.94	96.9	N829287	4				
					N829288	4				Blank
178.14	179.80	1.66	1.66	100	N829289	4				
179.80	180.80	1.00	1.00	100	N829290	4				
180.80	182.64	1.84	1.83	99.5	N829291	4				
182.64	184.43	1.79	1.58	88.3	N829292	4				
184.43	185.54	1.11	1.00	90.1	N829293	4				
					N829294	4				Blank
185.54	188.06	2.52	1.54	61.1	N829295	4				
188.06	189.06	1.00	1.00	100	N829296	4				
189.06	191.79	2.73	2.73	100	N829297	4				
191.79	194.16	2.37	2.14	90.3	N829298	4				
194.16	195.53	1.37	1.27	92.7	N829299	4				
195.53	196.68	1.15	1.08	93.9	N829300	4				
196.68	198.74	2.06	1.87	90.8	N829301	4				
198.74	199.76	1.02	0.97	95.1	N829302	5				
199.76	201.12	1.36	1.36	100	N829303	5				
201.12	203.41	2.29	1.93	84.3	N829304	5				
					N829305	5				Blank
203.41	205.02	1.61	1.61	100	N829306	5				
205.02	206.79	1.77	1.77	100	N829307	5				
					N829308	5				Coarse Reject Duplicate
206.79	208.44	1.65	1.59	96.4	N829309	5				
208.44	209.67	1.23	1.20	97.6	N829310	5				
209.67	211.67	2.00	2.00	100	N829311	5				
211.67	213.78	2.11	2.05	97.2	N829312	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
213.78	216.00	2.22	2.12	95.5	N829313	5				
216.00	217.52	1.52	1.52	100	N829314	5				
					N829315	5				Klaza Standard 2
217.52	219.12	1.60	1.60	100	N829316	5				
219.12	220.52	1.40	1.40	100	N829317	5				
					N829318	5				Blank
220.52	222.06	1.54	1.54	100	N829319	5				
222.06	223.62	1.56	1.55	99.4	N829320	5				
223.62	225.13	1.51	1.50	99.3	N829321	5				
225.13	226.57	1.44	1.42	98.6	N829322	5				
226.57	228.07	1.50	1.50	100	N829323	5				
					N829324	5				Duplicate
228.07	230.20	2.13	2.10	98.6	N829325	5				
230.20	231.37	1.17	1.17	100	N829326	5				
231.37	233.95	2.58	2.52	97.7	N829327	5				
233.95	235.50	1.55	1.50	96.8	N829328	5				
235.50	236.97	1.47	1.47	100	N829329	5				
					N829330	5				Klaza Standard 1
236.97	238.41	1.44	1.30	90.3	N829331	5				
238.41	239.61	1.20	1.20	100	N829332	5				
239.61	241.96	2.35	2.35	100	N829333	5				
241.96	243.04	1.08	0.80	74.1	N829334	5				
243.04	245.09	2.05	2.05	100	N829335	5				
245.09	246.39	1.30	1.24	95.4	N829336	5				
246.39	249.02	2.63	2.32	88.2	N829337	5				
249.02	250.47	1.45	1.45	100	N829338	6				
250.47	252.50	2.03	1.89	93.1	N829339	6				
252.50	253.50	1.00	1.00	100	N829340	6				
					N829341	6				Duplicate
253.50	254.64	1.14	0.88	77.2	N829342	6				
254.64	256.74	2.10	2.10	100	N829343	6				
					N829344	6				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
256.74	258.22	1.48	1.48	100	N829345	6				
258.22	260.79	2.57	2.49	96.9	N829346	6				
260.79	262.84	2.05	2.05	100	N829347	6				
262.84	264.26	1.42	1.42	100	N829348	6				
					N829349	6				Coarse Reject Duplicate
264.26	265.39	1.13	1.13	100	N829350	6				
265.39	267.32	1.93	1.87	96.9	N829351	6				
267.32	270.19	2.87	2.86	99.7	N829352	6				
270.19	271.52	1.33	1.22	91.7	N829353	6				
271.52	272.52	1.00	1.00	100	N829354	6				
272.52	274.57	2.05	1.95	95.1	N829355	6				
274.57	275.91	1.34	1.15	85.8	N829356	6				
275.91	277.64	1.73	1.70	98.3	N829357	6				
277.64	280.15	2.51	2.30	91.6	N829358	6				
280.15	281.84	1.69	1.69	100	N829359	6				
281.84	284.20	2.36	2.33	98.7	N829360	6				
284.20	285.22	1.02	1.00	98	N829361	6				
285.22	286.33	1.11	1.11	100	N829362	6				
					N829363	6				Klaza Standard 2
286.33	287.60	1.27	1.27	100	N829364	6				
287.60	289.26	1.66	1.62	97.6	N829365	6				
289.26	291.69	2.43	2.28	93.8	N829366	6				
291.69	292.69	1.00	1.00	100	N829367	6				
					N829368	6				Klaza Standard 3
292.69	295.54	2.85	2.85	100	N829369	6				
295.54	298.06	2.52	2.52	100	N829370	6				
298.06	299.06	1.00	1.00	100	N829371	6				
					N829372	6				Blank
299.06	301.01	1.95	1.95	100	N829373	6				
301.01	303.82	2.81	2.81	100	N829374	7				
					N829375	7				Blank
303.82	305.05	1.23	1.23	100	N829376	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
305.05	306.70	1.65	1.61	97.6	N829377	7				
										EOH

KLAZA

Hole: KL-DDH-12-68 **Date:** 13-Jun-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
14.08	10	6.3	862.2	535.3	FEL		OXI				2.765904	2.637504	Grey quartz feldspar porphyry dyke.
27.21	10.3	6.3	865.1	528.1	GRD		ARG	3I			2.694375	2.567062	Moderately argillic granodiorite with a weak phyllic overprint.
							PHC	21					
95.43	9.8	6.3	852.3	535.9	GRD		PHC	3I			2.789944	2.693742	Moderately phyllic altered granodiorite.
117.64	9.5	6.3	817.3	505.8	GRD		PRO	1I			2.759859	2.623756	Tracely propyllitic altered granodiorite.
121.42	9.4	6.3	791.5	487.3	FEL						2.701171	2.601907	Grey quartz feldspar porphyry dyke.
127.2	9.8	6.3	804.8	484.1	GRD		ARG	3I			2.634456	2.50951	Moderately argillic granodiorite with a weak phyllic overprint.
							PHC	2I					
153.5	9.8	6.3	865.3	545.6	GRD		PHC	3I			2.832498	2.7066	Moderately silicified and phyllic altered granodiorite.
							SIL	3I					
160.63	10.2	6.3	846.2	517.4	GRD		PHC	3I			2.661349	2.573601	Moderately phyllic and weakly potassic altered granodiorite.
							POT	2I					
177.9	10.1	6.3	1633.9	1311.5	VEN				Py	80	5.189591	5.067928	Smokey quartz and massive sulphide vein, hosting massive pyrite and semi-massive chalcopyrite.
									Cp	5			
180.3	10.1	6.3	910.4	578	GRD		PHC	4I	Py	<1	2.891611	2.738869	Strongly phyllic and moderately silicified granodiorite hosting trace amounts of disseminated pyrite.
							SIL	3I					
193.4	9.7	6.3	830.4	511.8	GRD		PHC	2I			2.746279	2.606403	Weakly phyllic and potassic altered granodiorite.
							POT	2I					
202.9	9.5	6.3	848.2	535.3	GRD		SIL	4I	Py	3	2.864202	2.71077	Strongly silicified and weakly phyllic altered granodiorite hosting disseminated pyrite.
							PHC	21					
241.5	9.6	6.3	785	474.4	GRD		ARG	4I			2.623176	2.527366	Argillic altered granodiorite
252.8	9.6	6.3	780.5	467.6	GRD		PRO	3I	Py	1	2.608139	2.494407	Propyllitic altered granodiorite hosting disseminated pyrite, sphalerite and arsenopyrite.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
									Sp	1			
									As	1			
257.73	9.6	6.3	823.4	510.6	GRD		PRO	1I	Py	1	2.751495	2.632353	Weakly propyllitic in granodiorite hosting disseminated pyrite.
268.06	9.7	6.3	826.1	510.4	GRD		ARG	3I	Cb	5	2.732058	2.616725	Moderate argillic altered granodiorite with a weak phyllic overprinting.
							PRO	2I	Py	1			
272.27	9.7	6.3	864.9	561.4	GRD		PRO	3I	He	1	2.860376	2.849753	Moderate propyllitic in granodiorite with weak hematite staining, with carbonate stringers and weak silicification.
							SIL	2I	Cb	10			
244.25	9.9	6.3	810.7	491.8	GRD		PHC	2I	Py	5	2.626963	2.542176	Weak phyllic overprinting weak argillic altered granodiorite hosting disseminated pyrite.
							ARG	1I					
282.77	10	6.3	798.7	474.4	GRD		ARG	3I			2.562198	2.462843	Moderately argillic altered granodiorite with minor silicification.
288.74	9.9	6.3	844.8	522.7	GRD		PRO	2I	Cb	2	2.73746	2.622788	Weakly propyllitic altered granodiorite hosting carbonate veinlets.
306.97	10.4	6.3	890.1	553.1	FEL						2.745582	2.641246	Quartz feldspar porphyry dyke.

KLAZA

Hole: KL-DDH-12-68 Tech Name: Barry Penner **Date: June 17, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	6.71	6.71	2.82	42	0.12	2		1	0S	5W	OVB
6.71	8.23	1.52	1.33	88	0.65	43		1	0S	4W	
8.23	11.28	3.05	2.91	95	2.49	82		2	3S	3W	
11.28	14.33	3.05	3.04	100	2.62	86		1	3S	3W	
14.33	17.37	3.04	3.00	99	2.50	82		2	3S	3W	
17.37	20.42	3.05	2.88	94	1.65	54		2	3S	3W	
20.42	23.47	3.05	2.87	94	2.18	71		1	2S	4W	
23.47	26.52	3.05	2.77	91	1.59	52		2	3S	3W	weak 2 (hardness)
26.52	29.57	3.05	2.93	96	1.86	61		2	4S	3W	
29.57	32.61	3.04	2.90	95	1.72	57		1	2S	4W	
32.61	35.66	3.05	2.85	93	1.78	58		2	4S	3W	gouge section, 32.61-33.15m
35.66	28.71	-6.95	2.92	-42	1.44	-21		2	0S	3W	large rubble section
28.71	41.76	13.05	2.87	22	1.72	13		2	2S	3W	
41.76	44.81	3.05	2.96	97	1.95	64		2	4S	2W	
44.81	47.85	3.04	2.97	98	1.51	50		2	5S	2W	
47.85	50.90	3.05	3.05	100	2.30	75		3	5S	2W	
50.90	53.95	3.05	3.04	100	2.10	69		2	2S	2W	
53.95	57.00	3.05	3.01	99	2.34	77		2	4S	2W	
57.00	60.05	3.05	3.05	100	2.66	87		3	5S	2W	
60.05	63.09	3.04	2.79	92	2.27	75		2	1S	2W	
63.09	66.14	3.05	2.91	95	1.89	62		2	5S	2W	
66.14	69.19	3.05	3.01	99	1.75	57		2	5S	2W	
69.19	72.24	3.05	2.85	93	2.08	68		2	5S	2W	
72.24	75.29	3.05	3.04	100	2.15	70		2	5S	2W	
75.29	78.33	3.04	2.93	96	1.83	60		2	5S	2W	
78.33	81.38	3.05	3.02	99	1.46	48		2	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.87	94	2.01	66		2	5S	2W	
84.43	87.48	3.05	3.05	100	2.61	86		2	2S	2W	clay altered section
87.48	90.53	3.05	2.94	96	1.60	52		1	5S	3W	
90.53	93.57	3.04	2.97	98	0.84	28		1	2S	4W	
93.57	96.62	3.05	2.89	95	2.00	66		2	5S	3W	
96.62	99.67	3.05	3.05	100	1.37	45		2	2S	3W	
99.67	102.72	3.05	2.84	93	1.08	35		2	2S	2W	Lots of gouge
102.72	105.77	3.05	3.05	100	2.53	83		1	5S	1W	
105.77	108.81	3.04	2.97	98	1.52	50		2	4S	2W	Gougy sections
108.81	111.86	3.05	3.05	100	2.43	80		1	3S	2W	
111.86	114.91	3.05	3.02	99	2.32	76		1	5S	3W	
114.91	117.96	3.05	3.05	100	1.87	61		1	5S	2W	
117.96	121.01	3.05	3.05	100	2.51	82		1	5S	2W	
121.01	124.05	3.04	3.04	100	1.70	56		2	4S	1W	Dyke
124.05	127.10	3.05	3.05	100	1.89	62		1	5S	1W	
127.10	130.15	3.05	3.05	100	1.77	58		2	3S	1W	
130.15	133.20	3.05	3.05	100	1.75	57		1	5S	2W	
133.20	136.25	3.05	3.05	100	2.75	90		1	5S	2W	
136.25	139.29	3.04	3.04	100	1.78	59		1	5S	1W	
139.29	142.34	3.05	2.95	97	2.49	82		2	4S	1W	Hematite staining
142.34	145.39	3.05	3.05	100	2.54	83		3	5S	1W	
145.39	148.44	3.05	3.05	100	2.76	90		3	5S	1W	
148.44	151.49	3.05	3.02	99	2.36	77		2	6S	1W	
151.49	154.53	3.04	3.04	100	2.84	93		2	6S	1W	
154.53	157.58	3.05	3.05	100	1.84	60		2	6S	1W	
157.58	160.63	3.05	2.92	96	2.10	69		2	5S	1W	
160.63	163.68	3.05	2.98	98	2.17	71		1	4S	1W	
163.68	166.73	3.05	2.88	94	1.91	63		1	5S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.04	100	2.23	73		1	6S	1W	
169.77	172.82	3.05	2.80	92	2.22	73		2	6S	1W	
172.82	175.87	3.05	2.97	97	1.38	45		2	5S	1W	
175.87	178.92	3.05	2.97	97	1.48	49		1	4S	1W	Intense veining for 3.5m
178.92	181.97	3.05	2.93	96	1.68	55		1	6S	1W	
181.97	185.01	3.04	2.71	89	1.50	49		2	5S	1W	
185.01	188.06	3.05	3.05	100	2.08	68		2	5S	1W	Hematite stained argillic alteration
188.06	191.11	3.05	3.05	100	2.32	76		2	5S	1W	
191.11	194.16	3.05	2.85	93	2.04	67		2	5S	1W	
194.16	197.21	3.05	2.97	97	2.21	72		2	5S	1W	
197.21	200.25	3.04	3.04	100	1.30	43		1	5S	1W	
200.25	203.30	3.05	2.89	95	1.32	43		1	4S	1W	
203.30	206.35	3.05	3.05	100	1.29	42		2	2S	1W	Rubble
206.35	209.40	3.05	2.73	90	0.94	31		2	2S	1W	Rubble
209.40	212.45	3.05	2.93	96	0.89	29		1	0S	1W	
212.45	215.49	3.04	2.87	94	0.43	14		1	0S	1W	
215.49	218.54	3.05	3.05	100	1.01	33		1	0S	1W	
218.54	221.59	3.05	2.87	94	0.56	18		1	0S	1W	
221.59	224.64	3.05	3.05	100	0.42	14		1	0S	1W	
224.64	227.69	3.05	2.73	90	2.70	89		1	1S	1W	
227.69	230.73	3.04	3.05	100	2.73	90		2	4S	1W	
230.73	233.78	3.05	2.75	90	2.56	84		2	4S	1W	
233.78	236.83	3.05	2.95	97	1.58	52		2	4S	1W	
236.83	239.88	3.05	2.84	93	1.00	33		2		1W	
239.88	242.93	3.05	2.76	90	0.99	32		1	0S	1W	
242.93	245.97	3.04	3.05	100	1.77	58		1		1W	
245.97	249.02	3.05	2.72	89	2.19	72		2		1W	
249.02	252.07	3.05	2.95	97	2.01	66		1		1W	
252.07	255.12	3.05	2.83	93	1.74	57		2		1W	
255.12	258.17	3.05	3.00	98	2.53	83		1		1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	2.98	98	2.69	88		2		1W	
261.21	264.26	3.05	3.04	100	1.99	65		2		1W	
264.26	267.31	3.05	2.87	94	2.39	78		2		1W	
267.31	270.36	3.05	2.93	96	2.65	87		2		1W	
270.36	273.41	3.05	2.92	96	2.38	78		2		1W	
273.41	276.45	3.04	2.63	87	1.36	45		2		1W	
276.45	279.50	3.05	2.91	95	0.30	10		1	0S	1W	
279.50	282.55	3.05	3.02	99	0.64	21		1	0S	1W	
282.55	285.60	3.05	2.96	97	1.64	54		2	4S	1W	
285.60	288.65	3.05	3.05	100	2.21	72		2	5S	3W	
288.65	291.69	3.04	2.78	91	2.12	70		2	2S	2W	
291.69	294.74	3.05	3.03	99	1.64	54		2	2S	3W	
294.74	297.79	3.05	2.96	97	1.86	61		1	2S	4W	
297.79	300.84	3.05	2.99	98	2.08	68		2	5S	3W	
300.84	303.89	3.05	2.96	97	2.04	67		1	1S	3W	
303.89	306.93	3.04	2.86	94	2.73	90		1	1S	4W	
306.93	309.98	3.05	2.86	94	1.96	64		1	6S	2W	
309.98	313.03	3.05	2.93	96	1.94	64		1	1S	4W	
313.03	316.08	3.05	2.66	87	1.14	37		1	1S	4W	
316.08	319.13	3.05	2.51	82	0.80	26		1	2S	4W	
319.13	321.87	2.74	2.62	96	1.45	53		1	2S	4W	EOH

KLAZA

Hole: KL-DDH-12-68 Tech Name: Barry, Teri Date: 16/6/2012 Page _1__ of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	6.71	6.71							no sets
6.71	8.23	1.52							no sets
8.23	11.28	3.05	60	0.17	0.00	1.00	2R	4W	
11.28	14.33	3.05	40	0.05	0.00	2.00	2R	2W	
14.33	17.37	3.04	70	0.11	0.00	1.00	2R	2W	
			65	0.30	2.00	1.00	2R	2W	
17.37	20.42	3.05	55	0.05	1.00	1.00	2R	3W	
		0.00	60	0.13	1.00	1.00	2R	3W	
20.42	23.47		60	0.08	1.00	1.00	2R	2W	
		0.00	80		30.00	1.00	3R	4W	Surrounded by heavy clay alteration.
23.47	26.52	3.05	50	0.20	10.00	2.00	3R	3W	
26.52	29.57	3.05	40	0.20	0.00	1.00	2R	2W	
29.57	32.61	3.04	55	0.15	5.00	1.00	3R	3W	
		0.00	30	0.07	20.00	1.00	2R	3W	
32.61	35.66	3.05	30	0.19	0.00	3.00	2R	2W	
		0.00	50	0.10	1.00	1.00	2R	2W	
35.66	38.71	3.05	45	0.15	3.00	2.00	2R	3W	
38.71	41.76	3.05	45	0.15	3.00	2.00	2R	2W	
41.76	44.81	3.05	45	0.20	0.00	1.00	2R	2W	
		0.00	30	0.40	0.00	1.00	3R	3W	
44.18	47.85	3.67	40	0.80	0.00	1.00	2R	2W	
			60	0.50	0.00	1.00	2R	2W	
47.85	50.90		50	0.10	0.00	1.00	2R	2W	
50.90	53.95		70	0.20	2.00	1.00	3R	2W	
53.95	57.00		45	0.30	0.00	1.00	2R	1W	
			60	0.20	2.00	1.00	2R	2W	
57.00	60.05		45	0.25	0.00	1.00	2R	2W	
			65	0.20	0.00	1.00	2R	2W	
60.05	63.09		45	0.50	3.00	1.00	2R	2W	
			30	0.60	0.00	1.00	2R	2W	
			65	1.00	0.00	1.00	3.00	2W	
63.09	66.14		45	0.60	4.00	2.00	R2R	3W	
			60	0.40	0.00	1.00	2R	2W	
66.14	69.19		50	0.39	0.00	1.00	2R	2W	

KLAZA

			30	0.25	20.00	1.00	2R		3W	
69.19	72.24		60	0.15	0.00	1.00	2R		2W	
			25	0.25	0.00	3.00	2R		2W	
72.24	75.29									Competent rock, no joint sets
75.29	78.33		30	0.27	0.00	1.00	3R		2W	
78.33	81.38		25	0.12	5.00	1.00	2R		2W	
			40	0.20	0.00	1.00	2R		2W	
0.00			40	0.09	0.00	1.00	2R		2W	Opposite orientation of previous 40 degree joint set
81.38	84.43		40	0.58	0.00	1.00	2R		2W	Continuous from last run.
84.43	87.48	3.05	65	0.32	0.00	1.00	2R		1W	
		0.00	70	0.12	2.00	1.00	3R		2W	
87.48	90.53	3.05	35	0.30	0.00	1.00	3R		2W	Heavy clay alteration at end of run
90.53	93.57	3.04	55	0.03	3.00	2.00	3R		3W	Heavy clay alteration throughout run.
93.57	96.62	3.05	75	0.10	0.00	1.00	3R		1W	
		0.00	45	0.80	0.00	1.00	3R		1W	
96.62	99.67	3.05	50	0.30	0.00	1.00		2.00	1W	
		0.00	35	0.60	0.00	1.00	2R		2W	
99.67	102.72	3.05	30	0.70	0.00	1.00	2R		2W	
		0.00	60	0.25	0.00	3.00	2R		2W	
102.72	105.77	3.05	40	0.40	0.00	1.00	3R		2W	
105.77	108.81	3.04	45	0.15	0.00	1.00	2R		2W	
108.81	111.86	3.05	60	0.30	0.00	1.00	2R		1W	
111.86	114.91	3.05	40	0.80	2.00	1.00	2R		2W	
		0.00	80	0.25	0.00	1.00	2R		2W	
114.91	117.96	3.05	80	0.30	0.00	1.00	2R		2W	
		0.00	45	0.10	4.00	2.00	2R		2W	
117.96	121.01	3.05	80	0.30	0.00	1.00	2R		2W	
		0.00	45	0.10	4.00	2.00	2R		2W	
121.01	124.05	3.04	75	0.30	1.00	1.00	2R		1W	
		0.00	45	0.10	2.00	2.00	2R		1W	
124.05	127.10	3.05	45	0.60	0.00	1.00	2R		2W	
		0.00	80	0.90	0.00	1.00	2R		2W	
127.10	130.15	3.05	45	0.10	0.00	1.00	2R		2W	
130.15	133.20	3.05	60	0.15	0.00	3.00	2R		2W	
		0.00	85	0.30	0.00	1.00	2R		2W	
133.20	136.25	3.05	65	0.15	0.00	1.00	2R		2W	
		0.00	45	1.00	3.00	2.00	2R		2W	
136.25	139.29	3.04	45	0.40	0.00	1.00	2R		2W	
139.29	142.34	3.05	45	0.45	2.00	1.00	2R		3W	
142.34	145.39	3.05	45	0.65	0.00	1.00	2R		2W	
		0.00	70	0.40	0.00	1.00	3R		2W	
145.39	148.44	3.05	45	0.30	3.00	1.00	2R		2W	
148.44	151.49	3.05	60	0.20	1.00	1.00	3R		2W	
		0.00	45	0.40	5.00	1.00	2R		3W	

KLAZA

151.49	154.53	3.04	45	0.50	0.00	1.00	3R	2W	
154.53	157.58	3.05	65	0.25	1.00	1.00	3R	3W	
157.58	160.63	3.05	30	0.60	1.00	2.00	2R	2W	
		0.00	60	0.40	0.00	3.00	3R	2W	
160.63	163.68	3.05	80	0.25	1.00	3.00	3R	3W	
		0.00	45	0.15	0.00	1.00	3R	1W	
163.68	166.73	3.05	70	0.15	0.00	1.00	3R	2W	
		0.00	45	0.20	1.00	2.00	3R	2W	
166.73	169.77	3.04	30	1.50	2.00	1.00	2R	3W	
		0.00	45	0.20	1.00	1.00	2R	3W	
169.77	172.82	3.05	70	0.25	3.00	3.00	3R	3W	
		0.00	45	0.50	2.00	3.00	3R	3W	
172.82	175.87	3.05	45	0.06	1.00	2.00	3R	2W	Dense veining.
175.87	178.92	3.05	45	0.15	1.00	1.00	2R	2W	
		0.00	70	0.25	0.00	1.00	3R	2W	
178.92	181.97	3.05	45	0.20	0.00	1.00	2R	2W	
			75	0.60	0.00	3.00	2R	2W	
181.97	185.01		20	0.15	0.00	1.00	3R	1W	
			50	0.20	0.00	3.00	3R	1W	
185.01	188.06		45	0.25	0.00	3.00	3R	1W	
188.06	191.11		45	0.60	1.00	3.00	2R	1W	
191.11	194.16		30	0.40	2.00	1.00	2R	3W	
			60	0.20	0.00	1.00	2R	1W	
194.16	197.21		40	0.60	0.00	1.00	2R	1W	
197.21	200.25		45	0.30	30.00	1.00	2R	3W	
200.25	203.30		45	0.15	2.00	1.00	3R	2W	
203.30	206.35		45	0.20	0.00	2.00	2R	2W	
			80	0.10	0.00	3.00	3R	2W	
206.35	209.40		50	0.08	1.00	1.00	2R	3W	
0.00			85	0.50	2.00	1.00	2R	3W	
209.40	212.45		60	0.10	4.00	1.00	2R	3W	
212.45	215.49								
215.49	218.54								
218.54	221.59								
221.59	224.00								
224.00	227.69		60	0.25	0.00	1.00	2R	2W	
227.69	230.73		45	4.50	0.00	1.00	3R	2W	
230.73	233.78		45	0.10	0.00	1.00	2R	2W	
233.78	236.83		45	0.40	0.00	1.00	2R	2W	
236.83	239.88		45	0.15	0.00	1.00	3R	2W	
239.88	242.93		45	0.25	0.00	1.00	3R	3W	
242.93	245.97		45	0.35	0.00	1.00	2R	2W	
			30	1.20	2.00	1.00	2R	2W	
245.97	249.02		45	0.20	0.00	1.00	3R	2W	

KLAZA

249.02	252.07		45	0.60	0.00	1.00	3R	3W	
			60	0.50	0.00	3.00	3R	2W	
252.07	255.12		75	0.30	0.00	1.00	2R	2W	
			35	0.25	0.00	2.00	3R	2W	
255.12	258.17		60	0.30	2.00	3.00	2R	2W	
258.17	261.21		60	0.25	0.00	1.00	3R	2W	
261.21	264.26		25	0.15	0.00	1.00	2R	2W	
264.26	267.31		50	0.25	0.00	1.00	3R	2W	
267.31	270.36		70	0.25	0.00	1.00	2R	2W	
270.36	273.41		60	0.10	0.00	1.00	3R	2W	
273.41	276.45		30	0.10	0.00	1.00	2R	2W	fractured
276.45	279.50				0.00				clay gouged - no sets
279.50	282.55		45	0.40	0.00	1.00	3R	2W	
282.55	285.60		30	0.35	0.00	1.00	2R	2W	
285.60	288.65		45	0.25	0.00	1.00	2R	1W	
288.65	291.69		30	0.30	0.00	1.00	2R	1W	
291.69	294.74		50	0.20	0.00	1.00	2R	1W	
			30	0.80	6.00	2.00	3R	2W	
294.74	297.79		30	0.15	1.00	1.00	3R	2W	
			45	0.50	0.00	1.00	3R	2W	
297.79	300.84		45	0.10	5.00	1.00	2R	3W	
300.84	303.89		60	0.06	2.00	1.00	2R	3W	
303.89	306.93								gougy GRD - FEL dyke contact
306.93	309.98		45	0.10	2.00	1.00	3R	3W	
309.98	313.03		45	0.30	0.00	1.00	3R	2W	
313.03	316.08		70	0.06	0.00	3.00	2R	2W	
316.08	319.13		80	0.15	0.00	3.00	3R	2W	
			50	0.15	0.00	1.00	2R	1W	
319.03	321.87		80	0.15	0.00	1.00	2R	2W	EOH

KLAZA

Hole: KL-12-68 Date: June 13,2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	6.18	
2.00	2.55	
3.00	0.31	
4.00	0.60	
5.00	0.92	
6.00	3.49	
7.00	1.47	
8.00	2.04	
9.00	1.00	
10.00	0.58	
11.00	2.62	
12.00	1.22	
13.00	1.39	
14.00	1.02	
15.00	1.81	
16.00	2.16	
17.00	2.21	
18.00	3.12	
19.00	2.57	
20.00	3.27	
21.00	2.67	
22.00	2.21	
23.00	2.04	
24.00	1.54	
25.00	2.33	
26.00	2.68	
27.00	4.40	
28.00	2.45	
29.00	2.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.41	
31.00	3.15	
32.00	4.30	
33.00	2.90	
34.00	41.50	
35.00	27.90	
36.00	4.62	
37.00	1.99	
38.00	12.50	
39.00	4.23	
40.00	34.40	
41.00	2.60	
42.00	0.82	
43.00	2.48	
44.00	1.83	
45.00	4.01	
46.00	36.50	
47.00	5.72	
48.00	4.85	
49.00	22.50	
50.00	13.30	
51.00	15.00	
52.00	1.36	
53.00	2.92	
54.00	1.47	
55.00	1.47	
56.00	1.99	
57.00	1.62	
58.00	1.66	
59.00	2.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.37	
61.00	1.91	
62.00	1.64	
63.00	0.80	
64.00	2.04	
65.00	1.39	
66.00	1.41	
67.00	6.30	
68.00	3.44	
69.00	2.13	
70.00	4.88	
71.00	4.46	
72.00	49.10	
73.00	49.90	
74.00	36.10	
75.00	11.50	
76.00	32.10	
77.00	2.99	
78.00	35.90	
79.00	35.60	
80.00	59.40	
81.00	37.90	
82.00	8.61	
83.00	2.13	
84.00	3.39	
85.00	3.00	
86.00	33.50	
87.00	6.60	
88.00	1.10	
89.00	1.54	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.33	
91.00	1.05	
92.00	1.96	
93.00	1.31	
94.00	2.99	
95.00	0.75	
96.00	2.88	
97.00	2.97	
98.00	5.66	
99.00	1.81	
100.00	1.42	
101.00	0.85	
102.00	1.00	
103.00	2.26	
104.00	2.77	
105.00	1.69	
106.00	2.45	
107.00	2.70	
108.00	2.97	
109.00	1.59	
110.00	2.55	
111.00	2.78	
112.00	16.80	
113.00	2.33	
114.00	2.75	
115.00	1.96	
116.00	18.70	
117.00	53.90	
118.00	2.26	
119.00	2.28	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.31	
121.00	2.20	
122.00	0.78	
123.00	2.63	
124.00	0.53	
125.00	0.42	
126.00	7.64	
127.00	2.70	
128.00	2.36	
129.00	2.58	
130.00	4.08	
131.00	1.99	
132.00	2.55	
133.00	3.02	
134.00	2.01	
135.00	45.40	
136.00	51.50	
137.00	35.80	
138.00	1.86	
139.00	1.14	
140.00	1.69	
141.00	2.18	
142.00	15.20	
143.00	2.62	
144.00	1.41	
145.00	18.30	
146.00	2.11	
147.00	1.66	
148.00	1.61	
149.00	1.57	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.20	
151.00	1.15	
152.00	1.89	
153.00	0.40	
154.00	0.43	
155.00	1.12	
156.00	2.13	
157.00	4.21	
158.00	2.77	
159.00	25.50	
160.00	2.48	
161.00	2.41	
162.00	1.68	
163.00	1.09	
164.00	3.94	
165.00	2.20	
166.00	1.12	
167.00	1.73	
168.00	1.52	
169.00	1.26	
170.00	2.45	
171.00	2.23	
172.00	1.14	
173.00	1.09	
174.00	1.17	
175.00	1.00	
176.00	0.92	
177.00	1.49	
178.00	0.87	
179.00	1.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	2.25	
181.00	2.46	
182.00	1.46	
183.00	2.82	
184.00	1.57	
185.00	1.47	
186.00	2.43	
187.00	2.97	
188.00	7.61	
189.00	2.78	
190.00	3.83	
191.00	0.68	
192.00	2.01	
193.00	38.60	
194.00	46.90	
195.00	22.60	
196.00	1.27	
197.00	1.10	
198.00	2.20	
199.00	1.26	
200.00	1.89	
201.00	1.62	
202.00	1.31	
203.00	1.61	
204.00	16.40	
205.00	3.59	
206.00	8.11	
207.00	1.15	
208.00	0.55	
209.00	1.79	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	1.98	
211.00	1.96	
212.00	2.40	
213.00	2.46	
214.00	2.13	
215.00	0.99	
216.00	1.17	
217.00	0.99	
218.00	0.97	
219.00	1.73	
220.00	1.36	
221.00	0.84	
222.00	1.56	
223.00	0.99	
224.00	0.84	
225.00	0.82	
226.00	1.66	
227.00	1.74	
228.00	1.79	
229.00	1.52	
230.00	1.78	
231.00	0.85	
232.00	1.84	
233.00	1.29	
234.00	1.98	
235.00	1.17	
236.00	0.92	
237.00	2.85	
238.00	0.63	
239.00	1.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.43	
241.00	2.99	
242.00	0.94	
243.00	0.85	
244.00	0.52	
245.00	1.66	
246.00	0.73	
247.00	1.73	
248.00	0.62	
249.00	0.53	
250.00	1.36	
251.00	3.15	
252.00	0.63	
253.00	1.00	
254.00	1.59	
255.00	1.41	
256.00	1.31	
257.00	0.42	
258.00	0.94	
259.00	3.47	
260.00	2.65	
261.00	1.96	
262.00	2.57	
263.00	3.88	
264.00	1.83	
265.00	2.67	
266.00	1.22	
267.00	2.18	
268.00	3.20	
269.00	1.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	1.61	
271.00	2.38	
272.00	2.62	
273.00	1.41	
274.00	1.79	
275.00	0.99	
276.00	2.11	
277.00	1.79	
278.00	1.66	
279.00	1.02	
280.00	0.87	
281.00	1.62	
282.00	0.60	
283.00	0.47	
284.00	1.41	
285.00	4.95	
286.00	3.71	
287.00	0.73	
288.00	18.60	
289.00	32.50	
290.00	9.24	
291.00	7.44	
292.00	3.07	
293.00	2.15	
294.00	21.10	
295.00	28.10	
296.00	54.10	
297.00	53.00	
298.00	16.00	
299.00	2.85	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	1.51	
301.00	4.04	
302.00	3.56	
303.00	1.54	
304.00	2.26	
305.00	2.15	
306.00	1.56	
307.00	2.13	
308.00	2.01	
309.00	2.53	
310.00	0.52	
311.00	2.35	
312.00	18.50	
313.00	31.00	
314.00	2.04	
315.00	2.33	
316.00	6.48	
317.00	30.90	
318.00	15.10	
319.00	12.60	
320.00	1.69	
321.00	29.10	EOH

KLAZA

Hole: KL-DDH-12-68 **Date: June 18, 2012**

Box #	From (m)	To (m)
1	0.00	6.71
2	6.71	10.58
3	10.58	14.33
4	14.33	17.95
5	17.95	21.72
6	21.72	25.51
7	25.51	29.00
8	29.00	32.61
9	32.61	36.47
10	36.47	40.08
11	40.08	44.20
12	44.20	47.85
13	47.85	51.80
14	51.80	55.87
15	55.87	60.05
16	60.05	64.02
17	64.02	67.86
18	67.86	71.61
19	71.61	75.44
20	75.44	79.38
21	79.38	83.31
22	83.31	87.48
23	87.48	91.32
24	91.32	94.86
25	94.86	97.91
26	97.91	102.43
27	102.43	106.16
28	106.16	109.96
29	109.96	113.83

KLAZA

30	113.83	117.82
31	117.82	122.11
32	122.11	125.96
33	125.96	130.15
34	130.15	134.18
35	134.18	138.45
36	138.45	142.55
37	142.55	146.74
38	146.74	151.00
39	151.00	154.95
40	154.95	158.71
41	158.71	162.69
42	162.69	166.55
43	166.55	170.37
44	170.37	174.49
45	174.49	178.38
46	178.38	181.93
47	181.93	186.10
48	186.10	189.94
49	189.94	194.05
50	194.05	197.65
51	197.65	201.12
52	201.12	204.42
53	204.42	208.07
54	208.07	211.67
55	211.67	215.37
56	215.37	218.54
57	218.54	222.18
58	222.18	225.13
59	225.13	228.96
60	228.96	232.90
61	232.90	236.67
62	236.67	239.88
63	239.88	243.34
64	243.34	246.69
65	246.69	250.96
66	250.96	254.64

KLAZA

67	254.64	258.30
68	258.30	262.11
69	262.11	266.38
70	266.38	270.36
71	270.36	274.20
72	274.20	277.56
73	277.56	281.62
74	281.62	285.34
75	285.34	289.26
76	289.26	293.31
77	293.31	296.81
78	296.81	300.75
79	300.75	304.92
80	304.92	309.05
81	309.05	312.69
82	312.69	316.29
83	316.29	320.04
84	320.04	321.87
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			381787.69	6889953.94	1301.95	221.59

ZONE: BRX

SECTION:

HOLE: DDH-KL-12-69

CLAIM: YC37984

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 20th - June 27th, 2012

Geology logged by: Derek Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.42	7.42	OVB	Overburden
7.42	86.04	78.62	GRD	Trace to moderalty oxidized granodiorite.
86.04	95.65	9.61	GRD	Phyllic altered granodiorite
95.65	104.47	8.82	GRD	Patches of propyllitic and argillic alteration.
104.47	166.64	62.17	GRD	GRD with patches phyllic and propyllitic alteration
166.64	170.20	3.56	GRD	Moderatly phyllic altered granodiorite.
170.20	180.34	10.14	FEL	Quartz feldspar porphyry dyke.
180.34	185.15	4.81	GRD	Moderatly phyllic altered granodiorite.
185.15	188.72	3.57	FEL	Quartz feldspar porphyry dyke.
188.72	191.00	2.28	GRD	Phyllic and argillic altered granodiorite.
191.00	192.25	1.25	VEN	Quartz and massive sulphide vein.
192.25	193.8	1.55	GRD	Phyllic and argillic altered granodiorite.
193.80	193.89	0.09	VEN	Smokey quartz sulphide vein.
193.89	200.03	6.14	GRD	Phyllic and argillic altered granodiorite.
200.03	221.59	21.56	GRD	Grey granodiorite.
221.59		-221.59		EOH

SAMPLES

Numbers: N829378-N829450, M897051-M897072

Total: 95

Batch: 1-3

Date Sent:

Certificate:

COMMENTS

EOH @ 221.59 m

KLAZA

Hole: DDH-KL-12-69 **Logger Name:** **Derek Walsh** **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	7.42	7.42					OBV			BN											Overburden with granodiorite clasts.
7.42	86.04	78.62				mKgW	GRD	MG		GY		2I		ARG	2I						Grey weak to moderately oxidized granodiorite with occasional patches of argillic alteration.
										OR											
			8.95	14.33	5.38	mKgW	GRD	MG		WH		4I		ARG	3I						Moderately argillic altered granodiorite with moderate to strong patches of weak argillic alteration.
										OR											
			33.68	34.82	1.14	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with moderate amounts of alteration.
										OR											
			54.55	55.88	1.33	mKgW	GRD	MG		GY	EN		3I	ARG	3I						Gouge surrounded by moderately silicified envelope then a moderately argillic altered envelope.
											EN										
			62.22	65.15	2.93	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with patches of weak potassic alteration and
											PA			POT	2I						
											EN			PHC	3I						
			69.30	74.16	4.86	mKgW	GRD	MG	LT	GN				PHC	1-2I						Trace to weakly phyllic altered granodiorite with patches of weak argillic and potassic alteration
											PA			ARG	2I						
											PA			POT	2I						
			79.53	80.27	0.74	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately Phyllic altered granodiorite.
			83.37	85.27	1.90	mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderately phyllic altered granodiorite.
86.04	95.65	9.61				mKgW	GRD	MG	LT	GN				PHC	2-3I						Light green weak to moderately phyllic altered granodiorite. Contains a few patches of weak propyllitic altered granodiorite.
									DK	GN	PA			PRO	2I						
			91.44	92.01	0.57	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite.
									DK	PU											
95.65	102.63	6.98				mKgW	GRD	MG	DK	GN	PA			PRO	3I						Alternating patches of moderate propyllitic and weak to moderate argillic alteration.
										WH	PA			ARG	2I						
102.63	104.47	1.84				mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green phyllic envelope surrounding a smokey quartz sulphide vein.
104.47	166.64	62.17				mKgW	GRD	MG	MD	GY											Primarily unaltered medium grey granodiorite with patches of dark green weakly propyllitic alteration and light green weak phyllic envelopes around the occasional quartz carbonate veinlet.
									DK	GN	PA			PRO	2I						
									LT	GN	EN			PHC	2I						
			113.80	116.55	2.75	mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite hosting quartz/sulphide veins and veinlets.
			123.75	125.10	1.35	mKgW	GRD	MG		WH				ARG	2-3I						White weak to moderately argillic altered granodiorite with patches of weak propyllitic alteration.
									DK	GN	PA			PRO	2I						
			125.10	131.28	6.18	mKgW	GRD	MG	LT	GN				PHC	3-4I						Light green moderate to strongly phyllic altered granodiorite hosting multiple quartz/carbonate and sulphide veins and veinlets. Contains a few large patches of moderate potassic and argillic alteration.
										PK	PA			POT	3I						
										WH	PA			ARG	3I						
			132.89	133.13	0.24	LKqP	FEL		MD	GY											Medium grey quartz feldspar porphyry dyke.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			138.64	139.18	0.54	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple white carbonate veinlets.
			141.27	141.78	0.51	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope around a quartz/carbonate pyrite vein.
			144.46	145.40	0.94	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic and potassic altered granodiorite.
										PK				POT	3I						
			148.13	149.62	1.49	mKgW	GRD	MG		WH	EN			ARG	3I						Moderately argillic and weakly potassic envelope surrounding a moderate phyllic envelope which hosts 2 large carbonate pyrite veins and multiple veinlets.
										PK	EN			POT	2I						
									LT	GN	EN			PHC	3I						
			154.58	157.17	2.59	mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderately phyllic altered granodiorite with patches of weak to moderate argillic alteration.
										WH	PA			ARG	2-3I						
166.64	170.20	3.56				mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with patches of moderate argillic and weak potassic alteration. Interval hosts an abundance of quartz pyrite and white carbonate veinlets.
										WH	PA			ARG	3I						
										PK	PA			POT	2I						
170.20	180.34	10.14				LKqP	FEL			GY											Grey, green, orange quartz feldspar porphyry dyke.
										GN											
										OR											
			173.15	173.45	0.30	LKqP	FEL			GY											Quartz feldspar porphyry dyke partially altered gouge.
180.34	185.15	4.81				mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderately phyllic altered granodiorite with patches of moderate phyllic and propyllitic alteration.
										WH	PA			ARG	3I						
									DK	GN	PA			PRO	3I						
185.15	188.72	3.57				LKqP	FEL			GY											Grey green quartz feldspar porphyry dyke with with 1mm-0.8cm sized phenocrysts.
										GN											
			186.52	187.06	0.54	mKgW	GRD	MG		GY			5I								
										GN											Strong to intensely silicified granodiorite. The interval has been fractured and the fractures have been in filled by white carbonate.
188.72	200.03	11.31				mKgW	GRD	MG	LT	GN				PHC	3I						Alternating patches of moderate phyllic and argillic alteration with a weak phyllic overprint. The interval host an abundance of quartz sulphide veining and massive pyrite.
										WH				ARG	3I						
			188.78	189.13	0.35	mKgW	GRD	MG		WH				ARG	5I						Intensely argillic altered granodiorite.
200.03	221.59	21.56				mKgW	GRD	MG	MD	GY											Medium grey primarily unaltered granodiorite with small phyllic or propyllitic envelopes around unmineralized quartz or carbonate veinlets.
									LT	GN	EN			PHC	2I						
	EOH								DK	GN	EN			PRO	2I						
																					EOH @ 221.59 m

KLAZA

Hole: DDH-KL-12-69 Logger Name: Derek Walsh

Depth (m)		DESCRIPTION
132.89		Sharp contact between weakly propylittic altered granodiorite and quartz feldspar porphyryr dyke.
133.13		Sharp contact between weakly propylittic altered granodiorite and quartz feldspar porphyryr dyke.
170.20		Sharp contact between weakly propylittic altered granodiorite and quartz feldspar porphyryr dyke.
180.34		Sharp contact between weakly propylittic altered granodiorite and quartz feldspar porphyryr dyke.
185.15		Sharp contact between moderatly phyllic altered granodiorite and quartz feldspar porphyryr dyke.
188.72		Sharp contact between moderatly phyllic altered granodiorite and quartz feldspar porphyryr dyke.

KLAZA

Hole: DDH-KL-12-69 **Logger Name:** Derek Walsh **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	32.30	32.33	55.00			Py	<1	Smokey quartz and white carbonate vein hosting trace amounts of disseminated pyrite.	
VN	34.64	34.66	75.00					Oxidized, smokey quartz/ carbonate vein	
GO	55.00	55.06	35.00					Light brown gouge vein	
GO	62.54	62.85	70.00					Grey clay gouge	
VN	65.54	65.57	50.00			Py	1.00	Grey/white quartz/carbonate vein hosting trace amounts of blebby pyrite.	
GO	75.20	75.31	60.00					Grey clay gouge vein	
VT	77.80	77.89	60.00		3.00	Py	5.00	Three grey/white quartz carbonate veinlets, one hosting blebby pyrite an done hosting disseminated pyrite.	
VT	78.00	78.01	50.00			Py	1.00	Dark grey and white smokey quartz/carbonate veinlet hosting trace amounts of disseminated pyrite.	
ST	78.63	78.64	55.00			Py	1.00	Quartz carbonate stringer hosting disseminated pyrite.	
VT	79.90	79.91	85.00			Py	1.00	Grey/white quartz carbonate veinlet hosting disseminated pyrite.	
VN	82.92	82.93	75.00			Py	3.00	White quartz carbonate vein hosting trace amounts of disseminated pyrite.	
VN	83.55	83.58	75.00			Py	1.00	Grey /white quartz carbonate vein hosting trace amounts of disseminated pyrite.	
VN	83.70	83.78	75.00		2.00	Py	2.00	Smokey to grey quartz vein and white carbonate veins (2cm) hosting disseminated pyrite.	
VT	89.98	89.99	75.00			Py	10.00	Smokey quartz veinlet hosting blebby pyrite and galena.	
						Gn	25.00		
VT	90.21	91.22				Py	5.00	Smokey quartz veinlet hosting disseminated pyrite and galena.	
						Gn	3.00		
VT	91.27	91.28	60.00			Py	15.00	Grey quartz/carbonate veinlet hosting disseminated pyrite.	
VT	94.94	95.02	45.00		2.00	Py	1.00	Two smokey quartz veinlets hosting disseminated pyrite.	
VT	95.12	95.13	80.00			Py	4.00	Grey quartz blebby pyrite veinlet.	
VT	95.26	95.27	75.00			Py	4.00	Grey quartz veinlet hosting blebby pyrite	
VN	102.96	102.98	75.00			Py	20.00	Smokey quartz vein hosting disseminated pyrite and galena.	
						Gn	15.00		
VN	114.47	114.50	80.00			Py	5.00	Quartz sulphide vein hosting disseminated pyrite and arsenopyrite	
							3.00		
VN	114.62	114.64	85.00			Py	6.00	Smokey quartz vein minorly brecciated by white carbonate veinlets and hosts disseminated to blebby pyrite.	
VN	115.19	115.20	60.00			Py	20.00	Grey to smokey quartz vein hosting blebby pyrite.	
VN	115.79	115.81	70.00			Py	45.00	Grey quartz vein hosting blebby pyrite	
VN	115.93	115.94	80.00			Py	15.00	Milky white to grey quartz vein hosting blebby pyrite	
VN	120.50	120.51	80.00			Py	3.00	Milky white to grey to grey quartz vein hosting blebby pyrite.	
GO	125.95	126.00	40.00					Grey gouge vein	
VN	126.82	126.84	20.00			Py	2.00	Grey quartz/white carbonate vein hosting disseminated pyrite.	
VT	127.32	127.33	77.00			Py	20.00	Grey quartz veinlet hosting blebby pyrite and sphalerite.	
						Sp	5.00		
VN	128.04	128.07	45.00			Py	3.00	Smokey quartz/ light tan chalcedony vein hosting blebby pyrite.	
BX	131.13	131.16	80.00			Py	3.00	Smokey quartz vein hosting disseminated pyrite, brecciated by light tan carbonate veining.	
BX	133.81	133.82	75.00						
VT	134.28	134.29	70.00			Py	2.00	Grey/white quartz/carbonate veinlet hosting blebby pyrite.	
VN	136.22	136.24	30.00			Py	1.00	Smokey quartz, minorly brecciated by parallel running (20°) white to light tan carbonate veinlets.	
VN	141.38	141.40	70.00			Py	5.00	Tan carbonate/grey quartz veinlet hosting blebby pyrite.	
VN	143.88	143.89	55.00			Py	3.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	148.61	148.65	80.00			Py	3.00	Grey/white quartz/carbonate vein hosting disseminated pyrite.	
VN	149.00	149.07	80.00						
VN	151.35	151.37	55.00			Py	20.00	Smokey quartz and white carbonate vein hosting blebby pyrite.	
VT	152.06	152.07	65.00			Py	85.00	Grey quartz and pyrite veinlet.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	154.61	154.63	70.00			Py	15.00	Carbonate veinlet hosting blebby pyrite.	
VT	155.83	155.84	70.00			Py	60.00	Grey quartz and blebby pyrite veinlet.	
VN	157.88	157.90	80.00			Py	10.00	Grey quartz and tan chalcedony vein hosting blebby pyrite.	
VT	167.14	167.15	70.00			Py	5.00	Grey/white quartz/carbonate vein hosting blebby pyrite.	
VN	168.00	168.03	40.00			Py	2.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VT	168.52	168.53	80.00			Py	40.00	White carbonate and pyrite veinlet.	
VN	169.81	169.82	85.00			Py	15.00	Smokey quartz/carbonate vein hosting blebby pyrite, sphalerite and disseminated arsenopyrite.	
						Sp	5.00		
						As	<1		
GO	179.71	179.86						Grey clay gouge.	
GO	180.46	180.60	35.00					Grey clay gouge.	
VN	181.17	181.19	55.00			Py	5.00	Grey/white quartz/carbonate vein hosting blebby pyrite and sphalerite and disseminated arsenopyrite.	
						Sp	1.00		
						As	<1		
VT	183.50	183.51	20.00			Py	30.00	White carbonate veinlet hosting blebby pyrite.	
BX	186.71	186.76						Black breccia hosting trace amounts of disseminated pyrite.	
BX	187.77	187.99	55.00		2.00	Py	<1	One 2cm and one 3cm breccia hosting trace amounts of disseminated pyrite.	
VN	188.13	188.20	80.00			Py	<1	Grey to smokey quartz vein hosting disseminated pyrite.	
BX	189.84	189.87	60.00			Py	<1	Black breccia partially altered to clay gouge, hosting trace amounts of disseminated pyrite.	
VN	190.45	190.47	75.00			Py	7.00	Grey and white quartz carbonate vein hosting blebby pyrite.	
VN	191.00	192.25				Py	60.00	Grey to milky white quartz vein hosting a high abundance of blebby to massive pyrite with trace amounts of disseminated galena, arsenopyrite, chalcopyrite and tetrahedrite.	
						Gn	<1		
						As	1.00		
						Ch	1.00		
						Tt	<1		
VN	192.71	192.72	80.00			Py	60.00	Grey quartz and blebby pyrite veinlet.	
VN	192.87	192.89	60.00			Py	7.00	Grey quartz vein hosting blebby sphalerite and pyrite and disseminate arsenopyrite.	
						Sp	30.00		
						As	1.00		
GO	193.56	193.57	50.00			Py	3.00	Black gouge hosting disseminated pyrite.	
VN	193.65	193.69	65.00			Py	4.00	Smokey quartz vein hosting blebby pyrite and sphalerite and disseminated arsenopyrite and galena.	
						Sp	10.00		
						As	1.00		
						Gn	<1		
VN	193.80	193.89	65.00			Py	3.00	Smokey quartz vein hoisting semi-massive sphalerite, blebby pyrite and disseminated arsenopyrite and galena.	
						Sp	30.00		
						Gn	15.00		
						As	4.00		
VN	194.07	194.09	80.00			Py	2.00	Grey quartz vein hosting disseminated pyrite.	
VT	194.40	194.41	80.00			Py	85.00	Grey quartz pyrite vein	
VN	194.69	194.80	60.00			Py	30.00	Milky white quartz vein hosting large pyrite blebs, smaller chalcopyrite and galena blebs and disseminated arsenopyrite blebs.	
						Ch	3.00		
						Gn	1.00		
						As	<1		
VN	194.85	194.88	60.00			Py	15.00	Milky white quartz and blebby pyrite vein.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	195.25	195.27	75.00			Py	7.00	Grey quartz and blebby pyrite vein	
VT	197.57	197.58	60.00			Py	5.00	White carbonate veinlet hosting blebby pyrite.	
VN	199.35	199.47	55.00			Py	5.00	chalcedony, quartz and carbonate vein hosting blebby pyrite, blebby to disseminated sphalerite and disseminated arsenopyrite. Vein exhibits minor brecciation from carbonate veinlets.	
						Sp	3.00		
						As	2.00		
ST	199.61	199.96				Py	80.00	Black sulphide and pyrite stringer zone.	
GO	209.38	209.40	60.00					Grey clay gouge	
								EOH	

KLAZA

Hole: DDH-KL-12-69 **Date:**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
41.39	9.3	5.2	507.2	316.9	GRD						2.568028	2.665265	Grey granodiorite
70.2	9.8	5.2	496.4	303.6	GRD		PHC	2I			2.385114	2.574689	Weakly phyllic altered granodiorite
84.58	9.9	5.2	510.5	316.6	GRD		PHC	3I			2.428086	2.6328	Moderately phyllic altered granodiorite
92.78	9.6	5.2	496.8	306.1	GRD		ARG	3I			2.436766	2.605139	Weakly phyllic overprinted argillic alteration.
		5.2					PHC	2I					
142	9.9	5.2	528	330.2	GRD						2.511321	2.669363	Unaltered grey granodiorite.
174.94	10.1	5.2	507.5	312.8	FEL						2.366018	2.606574	Grey, green, orange quartz feldspar porphyry dyke
191.6	7.5	5.2	715.9	542.1	VEN				Py	70	4.494636	4.119102	Milky white quartz vein hosting massive pyrite.
194.75	13.8	5.2	823.5	560.5	VEN				Py	35	2.809881	3.131179	Two 4cm veins around moderately phyllic altered granodiorite hosting disseminated pyrite. The first vein is smokey quartz hosting blebby pyrite, chalcopyrite and disseminated arsenopyrite. The second vein is milky white quartz hosting blebby pyrite.
									Cp	5			
									As	1			

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			

KLAZA

Hole: DDH-KL-12-69 **Date:** June 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
76.75	77.75	1.00	1.00	100	N829378	7				
77.75	78.75	1.00	1.00	100	N829379	7				
					N829380	7				Duplicate
78.75	80.40	1.65	1.54	93.3	N829381	7				
80.40	81.88	1.48	1.48	100	N829382	7				
81.88	83.50	1.62	1.62	100	N829383	7				
					N829384	7				Klaza Sandard-2
83.50	84.51	1.01	1.01	100	N829385	7				
84.51	86.06	1.55	1.53	98.7	N829386	7				
86.06	87.68	1.62	1.62	100	N829387	7				
87.68	89.52	1.84	1.77	96.2	N829388	7				
89.52	90.52	1.00	1.00	100	N829389	7				
					N829390	7				Blank
90.52	91.52	1.00	1.00	100	N829391	7				
91.52	92.33	0.81	0.81	100	N829392	7				
92.33	93.41	1.08	1.05	97.2	N829393	7				
93.41	94.81	1.40	1.39	99.3	N829394	7				
94.81	95.81	1.00	1.00	100	N829395	7				
95.81	97.91	2.10	2.10	100	N829396	7				
97.91	100.35	2.44	2.44	100	N829397	7				
100.35	102.65	2.30	2.17	94.3	N829398	7				
					N829399	7				Klaza Standard-2
102.65	103.65	1.00	1.00	100	N829400	7				
103.65	106.00	2.35	2.24	95.3	N829401	7				
106.00	108.39	2.39	2.32	97.1	N829402	7				
108.39	110.51	2.12	2.12	100	N829403	7				
					N829404	7				Coarse Reject Duplicate
110.51	112.87	2.36	2.36	100	N829405	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
112.87	114.40	1.53	1.52	99.3	N829406	7				
114.40	115.98	1.58	1.54	97.5	N829407	7				
115.98	118.48	2.50	2.40	96	N829408	7				
118.48	119.84	1.36	1.36	100	N829409	7				
119.84	120.89	1.05	1.02	97.1	N829410	2				
120.89	121.91	1.02	1.00	98	N829411	2				
121.91	123.75	1.84	1.55	84.2	N829412	2				
123.75	126.27	2.52	2.52	100	N829413	2				
					N829414	2				Klaza Standard-2
126.27	127.39	1.12	1.12	100	N829415	2				
127.39	128.39	1.00	1.00	100	N829416	2				
128.39	130.39	2.00	2.00	100	N829417	2				
130.39	131.39	1.00	1.00	100	N829418	2				
					N829419	2				Blank
131.39	133.75	2.36	2.30	97.5	N829420	2				
133.75	134.73	0.98	0.98	100	N829421	2				
134.73	135.80	1.07	1.07	100	N829422	2				
135.80	136.82	1.02	1.02	100	N829423	2				
136.82	139.19	2.37	2.37	100	N829424	2				
139.19	141.28	2.09	2.09	100	N829425	2				
141.28	142.35	1.07	1.07	100	N829426	2				
					N829427	2				Duplicate
142.35	144.00	1.65	1.29	78.2	N829428	2				
144.00	145.57	1.57	1.57	100	N829429	2				
					N829430	2				Coarse Reject Duplicate
145.57	146.75	1.18	1.00	84.7	N829431	2				
146.75	148.32	1.57	1.57	100	N829432	2				
					N829433	2				Klaza Standard-2
148.32	149.32	1.00	1.00	100	N829434	2				
149.32	151.32	2.00	2.00	100	N829435	2				
151.32	152.55	1.23	1.00	81.3	N829436	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
152.55	154.60	2.05	2.04	99.5	N829437	2				
154.60	155.82	1.22	1.20	98.4	N829438	2				
155.82	156.97	1.15	1.15	100	N829439	2				
					N829440	2				Blank
156.97	159.65	2.68	2.68	100	N829441	2				
159.65	162.23	2.58	2.53	98.1	N829442	2				
162.23	165.03	2.80	2.80	100	N829443	2				
165.03	166.66	1.63	1.63	100	N829444	2				
166.66	168.56	1.90	1.90	100	N829445	2				
168.56	170.19	1.63	1.65	101	N829446	3				
170.19	172.00	1.81	1.81	100	N829447	3				
172.00	174.70	2.70	2.70	100	N829448	3				
174.70	177.04	2.34	2.34	100	N829449	3				
177.04	179.16	2.12	2.12	100	N829450	3				
179.16	180.30	1.14	1.14	100	M897051	3				
					M897052	3				Klaza Standard-2
180.30	181.42	1.12	1.10	98.2	M897053	3				
181.42	182.65	1.23	1.20	97.6	M897054	3				
182.65	183.94	1.29	1.22	94.6	M897055	3				
					M897056	3				Duplicate
183.94	185.13	1.19	1.17	98.3	M897057	3				
185.13	186.50	1.37	1.37	100	M897058	3				
186.50	187.50	1.00	1.00	100	M897059	3				
					M897060	3				Coarse Reject Duplicate
187.50	188.72	1.22	1.22	100	M897061	3				
188.72	190.44	1.72	1.72	100	M897062	3				
					M897063	3				Klaza Standard-1
190.44	192.26	1.82	1.82	100	M897064	3				
					M897065	3				Blank
192.26	193.50	1.24	1.24	100	M897066	3				
193.50	194.86	1.36	1.36	100	M897067	3				
					M897068	3				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
194.86	195.86	1.00	1.00	100	M897069	3				
195.86	198.80	2.94	2.94	100	M897070	3				
198.80	199.84	1.04	1.02	98.1	M897071	3				
199.84	200.88	1.04	1.04	100	M897072	3				EOH

KLAZA

Hole: DDH-KL-12-69 **Tech Name: Barry Penner** **Date: June 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	2.13	2.13	0.49	23	0.14	7		1	0S	5W	up until 1.85 no recovery, overburden and soil.
2.13	5.18	3.05	2.00	66	0.00			1	0S	5W	intervals of soil
5.18	8.23	3.05	2.84	93	0.85			1	0S	4W	
8.23	11.28	3.05	2.89	95	0.60			1	1S	4W	
11.28	14.33	3.05	2.56	84	0.15			1	0S	5W	
14.33	16.15	1.82	1.53	84	0.67			1	0S	5W	
16.15	19.20	3.05	2.79	91	1.84			1	4S	4W	
19.20	20.42	1.22	1.22	100	0.52			2	4S	3W	
20.42	23.47	3.05	3.04	100	1.41			1	2S	4W	
23.47	26.52	3.05	2.97	97	1.41			1	2S	4W	
26.52	29.57	3.05	2.94	96	2.09			2	3S	3W	
29.57	32.61	3.04	2.89	95	2.18			2	4S	3W	
32.61	35.66	3.05	3.02	99	2.58			1	3S	3W	
35.66	38.71	3.05	3.02	99	2.58			2	5S	2W	
38.71	41.76	3.05	3.00	98	1.92			2	5S	2W	
41.76	44.89	3.13	3.02	96	2.30			2	5S	2W	
44.89	47.85	2.96	3.04	103	1.52			2	5S	3W	
47.85	50.90	3.05	3.01	99	2.33			2	5S	2W	
50.90	53.95	3.05	3.03	99	2.50			2	5S	2W	
53.95	57.00	3.05	2.92	96	2.05			1	2S	3W	
57.00	60.05	3.05	2.75	90	2.34			2	5S	2W	
60.05	63.09	3.04	2.80	92	1.26			1	1S	2W	gouge
63.09	66.14	3.05	2.57	84	0.75			2	2S	2W	
66.14	69.19	3.05	2.73	90	1.39			1	2S	2W	
69.19	72.24	3.05	2.57	84	1.91			1	2s	2W	
72.24	75.29	3.05	2.72	89	1.83			2	1s	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	2.97	98	2.52			2	4s	1W	
78.33	81.38	3.05	2.88	94	2.58			2	5s	1W	
81.38	84.43	3.05	2.90	95	2.50			2	4s	1W	
84.43	87.48	3.05	2.87	94	2.22			2	5S	1W	
87.48	90.52	3.04	2.96	97	2.96			2	5S	1W	
90.52	93.57	3.05	3.11	102	2.49			2	4S	1W	
93.57	96.62	3.05	3.18	104	2.73			1	5S	2W	rubbly and highly fractured
96.62	99.67	3.05	3.02	99	0.94			1	1S	2W	rubbly and highly fractured
99.67	102.72	3.05	2.96	97	1.76			1	1S	2W	rubbly and highly fractured
102.72	105.77	3.05	2.93	96	2.14			1	5S	2W	
105.77	108.81	3.04	2.86	94	1.97			2	5S	2W	
108.81	111.86	3.05	2.95	97	2.17			2	4S	2W	
111.86	114.91	3.05	3.04	100	2.52			2	4S	2W	
114.91	117.96	3.05	2.98	98	1.81			1	1S	3W	
117.96	121.01	3.05	3.07	101	2.14			1	1S	3W	
121.01	123.75	2.74	2.51	92	1.02			1	1S	3W	
123.75	126.80	3.05	3.04	100	1.11			1	2S	3W	
126.80	129.85	3.05	2.98	98	1.51			2	5S	1W	
129.85	130.15	0.30	0.36	120	0.36			2	3S	1W	
130.15	133.05	2.90	2.69	93	1.31			1	1S	3W	
133.05	136.09	3.04		0							
136.09	139.29	3.20		0							
139.29	142.34	3.05	2.91	95	2.27			2	3S	1W	
142.34	145.39	3.05	3.04	100	2.14			2	1S	1W	
145.39	148.13	2.74	2.84	104	1.44			1	0S	3W	
148.13	151.18	3.05	3.05	100	2.41			2	4S	2W	
151.18	154.23	3.05	2.76	90	1.51			2	2S	1W	
154.23	154.53	0.30	0.28	93	0.28			2	3S	1W	
154.53	157.58	3.05	2.78	91	1.42			2	2S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
157.58	160.63	3.05	2.85	93	1.87			1	4S	2W	
160.63	163.68	3.05	3.06	100	2.62			2	4S	1W	
163.68	166.73	3.05	3.04	100	2.52			2	4S	1W	
166.73	169.77	3.04	3.05	100	2.22			2	4S	2W	
169.77	172.82	3.05	3.04	100	1.10			2	2S	3W	
172.82	175.87	3.05	2.79	91	1.22			2	1S	3W	
175.87	178.92	3.05	3.02	99	1.16			2	2S	3W	
178.92	181.97	3.05	2.72	89	0.86			2	1S	3W	
181.97	185.01	3.04	2.68	88	1.82			2	2S	2W	
185.01	188.06	3.05	2.54	83	1.88			2	1S	2W	
188.06	191.11	3.05	2.74	90	1.94			2	1S	2W	
191.11	194.16	3.05	2.96	97	2.39			2	3S	2W	
194.16	197.21	3.05	3.00	98	2.34			2	4S	2W	
197.21	200.25	3.04	2.91	96	1.93			2	5S	1W	
200.25	203.30	3.05	2.82	92	1.81			2	5S	1W	
203.30	206.35	3.05	2.95	97	1.86			2	5S	1W	
206.35	209.10	2.75	3.03	110	1.75			2	5S	1W	
209.10	212.45	3.35	2.95	88	2.02			2	5S	2W	
212.45	215.49	3.04	2.82	93	1.82			2	5S	2W	
215.49	218.54	3.05	3.04	100	1.26			2	2S	1W	
218.54	221.59	3.05	3.03	99	1.67			2	5S	2W	EOH

KLAZA

Hole: DDH-KL-12-69 **Tech Name:** Barry Penner **Date:** June 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	2.13								OVB
2.13	5.18								very crumbly/fractured
5.18	8.23		50.00	0.37	0.00	2.00	2R	3W	
8.23	11.28		50.00	0.25	0.00	2.00	2R	3W	solid rock for first 70cm, then crumbly/fractured
11.28	14.33								crumbly/fractured
14.33	16.15								
16.15	19.20		30.00	0.72	0.00	2.00	3R	3W	
19.20	20.42		45.00	0.13	4.00	2.00	3R	3W	
20.42	23.47		30.00	0.40	3.00	2.00	3R	3W	
			60.00	0.30	0.00	2.00	2R	3W	
23.47	26.52		60.00	0.25	0.00	2.00	2R	2W	
26.52	29.57		30.00		1.00	2.00		2W	
			65.00	0.18	0.00	1.00	2R	2W	
29.57	32.61								
32.61	35.66		55.00	0.07	0.00	1.00	2R	2W	
35.66	38.71		45.00	0.08	0.00	1.00	2R	2W	
38.71	41.76		30.00	0.38	0.00	1.00	2R	2W	
41.76	44.81		50.00	0.13	0.00	1.00	2R	2W	
44.81	47.85		50.00	0.02	0.00	1.00	2R	3W	
47.85	50.90		40.00	0.12	0.00	1.00	2R	2W	
50.90	53.95		50.00	0.22	0.00	1.00	2R	2W	
53.95	57.00		45.00	0.17	0.00	2.00	3R	2W	
57.00	60.05		35.00	0.07	0.00	1.00	2R	2W	
60.05	63.09		50.00	0.04	0.00	2.00	2R	2W	
63.09	66.14		70.00	0.08	0.00	1.00	2R	2W	
66.14	69.19		65.00	0.02	0.00	1.00	2R	2W	
69.19	72.24		55.00	0.12	0.00	1.00	2R	2W	
72.24	75.29		55.00		60.00	1.00	2R	4W	
75.29	78.33								
78.33	81.38		55.00	0.08	0.00	1.00	2R	1W	
81.38	84.43								
84.43	87.48		40.00	0.13	0.00	2.00	3R	1W	
87.48	90.52								
90.52	93.57		60.00	0.45	0.00	2.00	3R	1W	
93.57	96.62		65.00	0.06	0.00	2.00	2R	2W	
			25.00	0.10	0.00	1.00	2R	2W	
96.62	99.67		70.00	0.12	1.00	2.00	3R	2W	

KLAZA

99.67	102.72		65.00	0.09	0.00	1.00	2R	2W	
102.72	105.77		65.00	0.10	0.00	1.00	3R	1W	
105.77	108.81		35.00	0.09	0.00	2.00	2R	2W	
108.81	111.86		70.00	0.08	0.00	1.00	2R	2W	
			50.00	0.26	0.00	1.00	2R	2W	
111.86	114.91		6.00	0.18	0.00	2.00	2R	2W	
114.91	117.96		60.00	0.15	0.00	2.00	2R	2W	
117.96	121.01								
121.01	123.75								
123.75	126.80		30.00	0.05	0.00	2.00	3R	2W	
126.80	129.85		45.00	0.03	0.00	1.00	3R	2W	
129.85	130.15		40.00	0.35	0.00	1.00	3R	2W	
130.15	133.05		55.00	0.16	0.00	2.00	3R	2W	
133.05	136.09		20.00	0.20	0.00	1.00	2R	2W	
			25.00	0.32	0.00	1.00	2R	2W	
136.09	139.29		30.00	0.26	0.00	1.00	2R	2W	
			60.00	0.30	0.00	1.00	2R	1W	
139.29	142.34		30.00	0.10	0.00	1.00	2R	2W	
			45.00	0.23	0.00	1.00	2R	1W	
142.34	145.39		30.00	0.28	0.00	1.00	2R	1W	
			60.00	0.03	10.00	1.00	2R	1W	gouge connected to argillic alteration
145.39	148.13		55.00	0.60	310.00	1.00	2R	2W	good chunks of gouge
			20.00	0.80				2W	
148.13	151.18		45.00	0.40	0.00	1.00	2R	3W	
151.18	154.23		30.00	0.10	0.00	1.00	2R	2W	
154.23	154.53								
154.53	157.58		25.00	0.08	0.00	1.00	2R	3W	
157.58	160.63		15.00	0.18	0.00	1.00	2R	1W	
			40.00	0.12	0.00	1.00	2R	2W	
160.63	163.68								
163.68	166.73		25.00	4.17	0.00	1.00	2R	2W	
166.73	169.77		20.00	0.15	0.00	1.00	2R	2W	
169.77	172.82		50.00	0.21	0.00	1.00	2R	3W	
			30.00	0.07	0.00	1.00	2R	3W	
172.82	175.87		35.00	0.14	0.00	1.00	2R	3W	
175.87	178.92		30.00	0.18	0.00	1.00	2R	3W	
178.92	181.97		40.00	0.20	0.00	1.00	2R	3W	
			20.00	0.05	190.00	1.00	2R	3W	
181.97	185.01		35.00	0.09	0.00	1.00	2R	2W	
185.01	188.06		40.00	0.15	30.00	1.00	2R	2W	
188.06	191.11		20.00	0.08	10.00	1.00	2R	3W	
191.11	194.16		50.00	0.38	0.00	1.00	2R	1W	
			30.00	0.20	0.00	1.00	2R	1W	
194.16	197.21		30.00	0.12	0.00	1.00	2R	2W	
197.21	200.25		50.00	0.23	0.00	1.00	2R		
			30.00	0.09	0.00	1.00	2R	2W	
200.25	203.30		4.00	0.05	0.00	1.00	2R	2W	

KLAZA

			20.00	0.28	0.00	1.00	2R	1W	
203.30	206.35		60.00	0.17	0.00	1.00	2R	2W	
			30.00	0.32	0.00	1.00	2R	2W	
206.35	209.40		25.00	0.07	0.00	1.00	2R	2W	
			40.00	0.25	0.00	1.00	2R	2W	
209.40	212.45		30.00	0.18	0.00	1.00	2R	2W	
			45.00	0.12	0.00	1.00	2R	2W	
212.45	215.49		50.00	0.14	0.00	1.00	2R	2W	
			25.00	0.10	0.00	1.00	2R	2W	
215.49	218.54		25.00	0.12	0.00	1.00	2R	1W	
			5.00	0.07	0.00	1.00	2R	3W	
			20.00	0.09	0.00	1.00	2R	2W	
218.54	221.59								No sets. EOH

KLAZA

Hole: DDH-KL-12-69 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	14.80	
2.00	15.90	
3.00	19.90	
4.00	3.44	
5.00	20.30	
6.00	1.11	
7.00	19.00	
8.00	15.90	
9.00	1.59	
10.00	5.19	
11.00	3.76	
12.00	1.99	
13.00	13.50	
14.00	7.15	
15.00	18.90	
16.00	17.40	
17.00	15.80	
18.00	21.90	
19.00	20.50	
20.00	18.50	
21.00	16.40	
22.00	14.90	
23.00	7.08	
24.00	1.51	
25.00	3.23	
26.00	6.75	
27.00	2.79	
28.00	20.60	
29.00	3.91	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	13.00	
31.00	21.10	
32.00	12.40	
33.00	18.10	
34.00	2.39	
35.00	5.74	
36.00	24.30	
37.00	21.10	
38.00	22.40	
39.00	19.50	
40.00	4.64	
41.00	6.78	
42.00	26.10	
43.00	25.20	
44.00	5.01	
45.00	5.30	
46.00	19.00	
47.00	24.40	
48.00	21.20	
49.00	22.80	
50.00	25.10	
51.00	20.50	
52.00	14.10	
53.00	23.00	
54.00	16.00	
55.00	4.39	
56.00	3.56	
57.00	2.59	
58.00	9.04	
59.00	9.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	15.50	
61.00	19.90	
62.00	15.00	
63.00	3.29	
64.00	3.89	
65.00	5.69	
66.00	13.20	
67.00	8.87	
68.00	21.20	
69.00	16.10	
70.00	3.25	
71.00	5.52	
72.00	9.15	
73.00	4.39	
74.00	4.35	
75.00	8.16	
76.00	5.61	
77.00	16.30	
78.00	4.97	
79.00	29.00	
80.00	7.30	
81.00	7.11	
82.00	5.21	
83.00	11.30	
84.00	6.22	
85.00	3.00	
86.00	8.83	
87.00	3.86	
88.00	3.51	
89.00	4.55	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	5.38	
91.00	4.28	
92.00	6.14	
93.00	3.55	
94.00	4.88	
95.00	7.26	
96.00	6.29	
97.00	6.20	
98.00	7.10	
99.00	11.90	
100.00	9.25	
101.00	7.61	
102.00	15.70	
103.00	7.21	
104.00	5.16	
105.00	14.60	
106.00	14.70	
107.00	25.60	
108.00	5.84	
109.00	18.80	
110.00	14.00	
111.00	17.00	
112.00	2.48	
113.00	4.79	
114.00	7.01	
115.00	3.38	
116.00	3.40	
117.00	8.30	
118.00	24.20	
119.00	3.97	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	6.35	
121.00	20.60	
122.00	6.45	
123.00	4.92	
124.00	3.64	
125.00	6.94	
126.00	10.10	
127.00	6.06	
128.00	4.48	
129.00	6.19	
130.00	6.43	
131.00	7.13	
132.00	9.53	
133.00	7.19	
134.00	15.80	
135.00	24.80	
136.00	9.34	
137.00	24.20	
138.00	147.70	
139.00	2.68	
140.00	8.91	
141.00	3.05	
142.00	6.25	
143.00	12.80	
144.00	6.60	
145.00	2.25	
146.00	1.61	
147.00	6.66	
148.00	1.90	
149.00	1.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	3.85	
151.00	6.23	
152.00	1.92	
153.00	3.42	
154.00	12.30	
155.00	2.46	
156.00	2.76	
157.00	2.17	
158.00	12.70	
159.00	13.40	
160.00	8.50	
161.00	12.40	
162.00	8.99	
163.00	12.60	
164.00	11.90	
165.00	9.20	
166.00	5.82	
167.00	0.96	
168.00	1.10	
169.00	0.45	
170.00	1.33	
171.00	0.75	
172.00	1.08	
173.00	1.10	
174.00	0.14	
175.00	0.24	
176.00	0.77	
177.00	0.51	
178.00	0.61	
179.00	1.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.14	
181.00	0.79	
182.00	1.06	
183.00	0.28	
184.00	1.08	
185.00	0.45	
186.00	0.36	
187.00	1.08	
188.00	0.38	
189.00	0.24	
190.00	0.88	
191.00	1.76	
192.00	1.31	
193.00	1.43	
194.00	0.73	
195.00	1.94	
196.00	4.79	
197.00	2.43	
198.00	1.41	
199.00	1.92	
200.00	9.10	
201.00	21.20	
202.00	17.90	
203.00	9.69	
204.00	6.80	
205.00	21.10	
206.00	24.30	
207.00	20.10	
208.00	21.10	
209.00	23.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	23.90	
211.00	20.20	
212.00	16.00	
213.00	1.96	
214.00	1.92	
215.00	16.50	
216.00	1.43	
217.00	19.40	
218.00	2.76	
219.00	4.10	
220.00	19.60	
221.00	5.00	EOH

KLAZA

Hole: **DDH-KL-12-69** **Date:**

Box #	From (m)	To (m)
1	0.00	7.50
2	7.50	13.13
3	13.13	19.15
4	19.15	24.06
5	24.06	29.96
6	29.96	35.66
7	35.66	41.03
8	41.03	46.25
9	46.25	51.48
10	51.48	56.95
11	56.95	62.50
12	62.50	68.06
13	68.06	73.82
14	73.82	79.43
15	79.43	85.21
16	85.21	90.84
17	90.84	96.21
18	96.21	101.34
19	101.34	107.02
20	107.02	112.37
21	112.37	117.79
22	117.79	122.77
23	122.77	127.87
24	127.87	133.05
25	133.05	138.49
26	138.49	143.93
27	143.93	149.18
28	149.18	155.00
29	155.00	160.47

KLAZA

30	160.47	166.09
31	166.09	171.56
32	171.56	176.43
33	176.43	181.30
34	181.30	186.88
35	186.88	192.52
36	192.52	198.01
37	198.01	203.82
38	203.82	209.54
39	209.54	215.49
40	215.49	220.92
41	220.92	221.59
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383192.43	6889687.4	1399.937	255.12

SECTION:

HOLE: DDH-KL-12-70

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: 2.13 (m) in / **out**

Drilling dates: June 20-June 22, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.80	5.80	OVB	Overburden
5.80	24.33	18.53	GRD	Oxidized weakly propyllitic granodiorite
24.33	39.40	15.07	GRD	Oxidized moderatly phyllic granodiorite
39.40	53.08	13.68	GRD	Unaltered granodiorite
53.08	54.12	1.04	GRD	Weakly phyllic altered granodiorite
54.12	58.80	4.68	FEL	Quartz feldspar porphyry dyke
58.80	60.90	2.10	GRD	Moderately phyllic altered granodiorite
60.90	63.90	3.00	VEN	Quartz-sulphide vein/veinlet zone
63.90	93.47	29.57	GRD	Moderately phyllic altered granodiorite
93.47	96.10	2.63	VEN	Netted quartz-sulphide vein zone
96.10	105.10	9.00	GRD	Weak-moderate phyllic altered granodiorite
105.10	106.74	1.64	VEN	Vuggy quartz-sulphide vein zone
106.27	143.12	36.85	GRD	Weak phyllic alteration in granodiorite
143.12	221.80	78.68	GRD	Unaltered granodiorite
221.80	236.51	14.71	GRD	Argillic-phyllic
236.51	254.42	17.91	FEL	Quartz feldspar porphyry dyke
254.12	255.12	1	GRD	Weakly argillic granodiorite. EOH

SAMPLES

Numbers: N828424 - N828542

Total: 119

Batch: 4

Date Sent:

Certificate:

COMMENTS

EOH @ 255.12 m

KLAZA

Hole: DDH-KL-12-70 **Logger Name:** Teresa Cruz **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	54.12	54.12					GRD	MG	Lt	Gn	Fr	4I				1.00		To	1.00		7' Casing at 0.00m. Granodiorite with propyllitic, phyllic, and argillic alteration. Pervasive oxidation to approximately 34.75m, then oxidation is limited to fracture envelopes until 44.60m. Clay gouge is pervasive with oxidation. Disseminated to blebby pyrite is common.
									Md	Gy											
			0.00	18.88	18.88		GRD	MG	Lt	Gn	Fr	4I		PRO	2I	1.00		To	1.00		Poor recovery to 5.8m. Rock is mainly rubble-clay and heavily oxidized, with very little competent core. Rock regains competence after 5.80m, but is still heavily oxidized. Orange stains are pervasive, and oxidized clays are common. Fracture faces are completely obscured by black-brown stains. Overall granodiorite is weakly propyllitic, but mostly unaltered.
									Md	Gy											
			18.88	22.81	3.93		GRD	MG	Lt	Gn	Fr	3I		ARG	3I			Se	2.00		Moderate argillic alteration of granodiorite, with a sharp transition from propyllitic to argillic at 18.88m, and from argillic to propyllitic at 22.81m.
									Md	Gy											
			22.81	24.33	1.52		GRD	MG	Lt	Gn				PRO	3I			Cl	10.00		Weak-moderate propyllitic alteration with patches of weak phyllic overprint. Moderate oxide staining on fracture faces and approximately 5mm fracture envelopes.
									Md	Gy				PHC	2I						
			24.33	39.40	15.07		GRD	MG	Lt	Gn				OXI	2I	1.00					Dominantly phyllic alteration with argillic patches (24.33-26.80m; 33.00-33.60m; 36.10-36.80m). Oxide staining is common and pervades beyond fractures. Minor silica flooding in short intervals. Crosscut by mineralized smoky quartz veins and hosts disseminated pyrite.
									Md	Gy				PHC	3I						
														ARG	2I						
														SIL	1I						
			39.40	53.08	13.68		GRD	MG	Lt	Gn				OXI	2I						Unaltered granodiorite, cut by quartz veins (with bordering phyllic alteration). Overall weak-moderate oxide staining. Patches of weak phyllic, propyllitic, and argillic alteration. Cut by quartz veins that are bordered by thin phyllic envelopes.
									Md	Gy											
			53.08	54.12	1.04		GRD	MG	Lt	Gn				PHC	2I	1.00		Cl	10.00		Phyllic intensity increases with proximity to quartz vein at 53.85m. Patchy argillic alteration, cut by unmineralized quartz veinlets and two mineralized quartz veins.
									Md	Gy				ARG	3I						
54.12	58.80	4.68					FEL	FG	Lt	Gn											Quartz feldspar porphyry dyke. Zoned plagioclase phenocrysts (up to 1.5cm long) in darker, more mafic areas. Darker areas at 59.45-55.00m and 55.23-55.89m). Dyke is crosscut by quartz veins. Brecciated and silica flooded (57.15-57.25m) by quartz veins. All quartz is smoky-milky.
									Md	Gy											
58.80	137.87	79.07					GRD	MG	Lt	Gn											Granodiorite with patchy alteration envelopes (phyllic, propyllitic, argillic) hosting disseminated pyrite, cut by quartz and carbonate veins and veinlets.
									Md	Gy											
			58.80	80.50	21.70		GRD	MG	Lt	Gn				PHC	3I	1.00					Phyllic alteration envelope with patchy propyllitic alteration, grading into argillic-dominated. Crosscut by quartz veins/veinlets and carbonate veinlets. Oxidation envelopes on fractures (1-3mm each side).
									Md	Gy											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			80.50	89.60	9.10		GRD	MG	Lt	Gn				ARG	3I			To	1.00		Argillic alteration envelope cut by quartz veins/veinlets (unmineralized). Veins are weakly mineralized.
									Md	Gy				PHC	1I						
			89.60	122.62	33.02		GRD	MG	Lt	Gn				PHC	3I						Weak-moderate phyllic alteration overprinting weak argillic. Crosscut by mineralized quartz veins, carbonate veinlets. Patchy argillic and propyllitic alteration. Moderate-intense oxidation staining at 95.15-99.67m.
									Md	Gy				ARG	2I	1.00					
														OXI	2I						
			122.62	129.22	6.60		GRD	MG	Lt	Gn											Unaltered granodiorite.
									Md	Gy											
			129.22	134.55	5.33		GRD	MG	Lt	Gn				ARG	3I	1.00					Moderate-intense argillic alteration overprinted by weak phyllic and <1% disseminated pyrite and hematite staining (132.5-133.0m)
									Md	Gy				PHC	1I						
			134.55	137.87	3.32		GRD	MG	Lt	Gn				PHC	2I			Se	2.00		Weak argillic alteration overprinted by weak phyllic. Cut by mineralized quartz veins. Some sericite alteration.
									Md	Gy				ARG	2I						
137.87	141.59	3.72					FEL	FG	Lt	Gn				SIL	2I						Quartz feldspar porphyry dyke, crosscut by quartz veinlets. Vugs are now filled by comb quartz at edges, and clear massive quartz in the centre.
									Md	Gy											
141.59	236.51	94.92					GRD	MG	Lt	Gn											Granodiorite with patchy phyllic, propyllitic, and argillic alteration. Very weak mineralization. Rarely cut by mineralized quartz veins.
									Md	Gy											
			141.59	143.12	1.53		GRD	MG	Lt	Gn				PHC	2I						Weak argillic overprinted by phyllic alteration. Cut by one mineralized quartz vein.
									Md	Gy				ARG	2I						
			143.12	146.44	3.32		GRD	MG	Lt	Gn											Unaltered granodiorite cut by one mineralized vein.
									Md	Gy											
			146.44	149.24	2.80		GRD	MG	Lt	Gn				PHC	3I						Moderate phyllic in granodiorite crosscut by mineralized quartz veins
									Md	Gy											
			194.24	161.10	-33.14		GRD	MG	Lt	Gn				ARG	4I						Moderate-intense argillic alteration overprinted by patchy phyllic alteration. Intense argillic alteration from 150.55-154.33m with hematite staining. Silica flooded from 158.40-161.10m.
									Md	Gy											
			161.10	185.65	24.55		GRD	MG	Lt	Gn											Unaltered granodiorite cut by very few mineralized quartz veins.
									Md	Gy											
			185.65	192.90	7.25		GRD	MG	Lt	Gn				ARG	3I						Argillic alteration envelope with patchy phyllic alteration near small veins
									Md	Gy				PHC	2I						
			192.90	221.80	28.90		GRD	MG	Lt	Gn											Unaltered granodiorite with xenoliths and crosscutting quartz veins.
									Md	Gy											
			221.80	236.51	14.71		GRD	MG	Lt	Gn				ARG	3I	1.00					Moderate argillic alteration overprinted by weak-moderate phyllic near veins cut by quartz veins. Minor gougey interval.
									Md	Gy				PHC	3I						
			236.51	243.74	7.23		GRD	MG	Lt	Gn				PHC	2I	4.00					Granodiorite with phyllic alteration and crosscut by mineralized quartz veins
									Md	Gy											
243.74	254.42	10.68					FEL	FG	Lt	Gn											Quartz feldspar porphyry dyke with plagioclase phenocrysts. Sharp contacts with granodiorite. 3cm margin of porphyry dyke is microcrystalline due to close contact to cold granodiorite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									Md	Gy											
254.42	255.12	0.70					GRD	MG	Lt	Gn				ARG	2I						Weakly argillic altered granodiorite. No mineralization. EOH
									Md	Gy											
																					EOH

KLAZA

Hole: DDH-KL-12-70 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
54.12		Sharp contact at 50 degrees between granodiorite and quartz feldspar porphyry dyke. 2mm oxide staining envelope on either side of the contact.
58.80		Assumed sharp contact, but intense fractuing disguises actual contact angles. Smoky quartz vein adjacent to contact with 3mm oxidation envelope.
137.87		Sharp, clay altered contact at 30 degrees between granodiorite and quartz feldspar porphyry dyke.
141.59		Brecciated, clay altered 45 degree sharp contact between porphyry dyke and granodiorite.
242.74		Sharp contact at 55 degrees between granodiorite and porphyry dyke.
254.42		Stepped sharp contact at 45 degrees between porphyry dyke and argillic altered granodiorite.

KLAZA

Hole: DDH-KL-12-70 **Logger Name:** Teresa Cruz **Date:** June 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
ST	9.80	9.81	50.00			Py	100.00	Very fine pyrite stringer	
GO	5.50	6.00	90.00					Gouged granodisseminatedorite with heavy oxide staining	
GO	8.70	9.30	90.00					Gouged granodisseminatedorite with heavy oxide staining	
GO	14.40	14.70	90.00					Gouged granodisseminatedorite with heavy oxide staining	
VN	34.08	34.29	70.00			Py	20.00	Milky-smoky coloforom quartz vein hosting pyrite stringers, blebbyebby pyrite. Clay gouge disseminatedsguises true thickness of the quartz vein, and gouge has 10% pyrite.	
VT	34.41	34.72	80.00		5.00	Py	2.00	Smoky quartz veinlets offset by later microfaults. Veinlets host disseminatedsseminated pyrite. Eyes of quartz form due to silica floodisseminatedng.	
VN	38.33	38.52	90.00		2.00	Py	2.00	Milky-smoky vuggy-banded quartz vein hosting disseminatedsseminated blebbyebby pyrite, blebbyebby sphalerite, and sphalerite stringers.	
						Sp	2.00		
VN	38.81	38.83	80.00			Py	1.00	Heavily clay altered quartz vein. Original textures are destroyed by clay. Hosts disseminatedsseminated pyrite.	
VN	38.99	39.01	80.00			Py	10.00	Grey-smoky quartz vein hosting blebbyebby pyrite.	
VN	50.95	50.96	80.00			Py	1.00	Banded milky-smoky quartz vein hosting disseminatedsseminated pyrite.	
VN	53.95	54.95	75.00			Py	12.00	Netted-brecciated-banded milky-white-smoky quartz vein hosting disseminatedsseminated-blebbyebby pyrite. Situated at porphyry feldspar dyke selvedge. Large blebbyebs of milky quartz	
						Ch	8.00		
VN	57.10	57.21	80.00			Py	1.00	Smoky quartz vein intruded into the porphyry dyke. The vein brecciated and silica flooded the dyke. Slightly vuggy, with disseminatedsseminated pyrite.	
VN	58.74	58.94	80.00			Py	1.00	Smoky quartz vein intruded into the porphyry dyke. The vein brecciated and silica flooded the dyke. Slightly vuggy, with disseminatedsseminated pyrite.	
VT	60.90	63.90	45.00			Py	2.00	Many densely netted smoky quartz veinlets, veinlets are thin and show little textures, but host disseminatedsseminated-blebbyebby pyrite.	
VN	63.92	63.45	70.00			Py	5.00	White-smoky quartz vein with some chalcedonic bandisseminatedng. Hosts disseminatedsseminated pyrite and blebbyebby sphalerite.	
VN	65.11	65.15	60.00			Py	1.00	Grey quartz vein with minor vugs, crosscut by milky quartz veinlets. Hosts disseminatedsseminated to blebbyebby pyrite.	
VN	65.23	65.38	90.00			Py	1.00	Banded smoky-grey quartz vein hosting disseminatedsseminated pyrite. blebbyebs of darker quartz within the vein.	
VN	67.22	67.33	60.00			Py	1.00	Vuggy-crustiform quartz. Vugs are partially filled by white crustiform quartz, vein is generally grey-smoky. Overall quartz vein/veinlets have netted the granodisseminatedorite, and hosts very minor pyrite.	
VN	68.53	68.56	60.00			Py	20.00	Whit comb quartz vein hosting blebbyebby pyrite at vein centre.	
VN	69.70	69.71	80.00			Py	1.00	White crustiform quartz vein hosting blebbyebby pyrite at vein centre.	
VN	70.09	70.18	60.00			Py	1.00	White quartz vein with minor pink hematite staining and disseminatedsseminated pyrite. Has a thick (4.5 cm envelope) of phyllic alteration.	
VN	71.20	71.21	60.00			Py	20.00	Grey-smoky quartz vein with crustiform textures. Hosts parallel oriented pyrite stringers.	
VT	71.26	71.75	50.00			Py	1.00	2mm smoky quartz veinlets hosting disseminatedsseminated pyrite	
VN	72.41	72.42	90.00			Py	1.00	Smoky-milky quartz vein with disseminatedsseminated pyrite	
VN	72.74	72.75	50.00			Py	10.00	White quartz vein with blebbyebby pyrite hosted at vein centre	
VN	72.87	72.88	60.00			Py	5.00	Milky chalcedony vein with blebbyebby pyrite	
VT	73.04	73.05	80.00			Py	8.00	White-milky quartz vein with blebbyebby pyrite	
VN	73.35	73.58	40.00			Py	1.00	White quartz vein with disseminatedsseminated pyrite	
VN	74.34	74.35	45.00			Py	1.00	White-smoky crustiform quartz. White quartz is focused at vein centres, while smoky quartz is at the borders. Hosts disseminatedsseminated pyrite.	
VN	82.16	82.20	60.00			Py	1.00	White quartz hosting smoky quartz stringers and disseminatedsseminated pyrite.	
VT	84.67	84.87	70.00			Py	1.00	Massive white quartz vein with minor vugs. disseminatedsseminated pyrite at vein borders.	
VT	84.51	84.52	90.00			Py	1.00	Milky crustiform quartz veinlet with smoky quartz at the centre with disseminatedsseminated pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	86.08	88.16	30.00			Py	1.00	White textureless quartz with pyrite blebbyebs and red hematite staining at the top of the fold.	
VN	87.77	87.83	80.00			Py	1.00	Smoky -white vuggy quartz hosting disseminatedsseminated pyrite. Crosscut by milky quartz veinlets.	
VN	90.10	90.40	85.00			Py	1.00	Milky-white comb quartz, bordered by smoky quartz. Hosts blebbyebby pyrite.	
VN	90.50	90.53	90.00			Py	1.00	Milky-white quartz, stained orange by iron oxides. Staining highlights minor banded texture and disseminatedsseminated pyrite.	
VN	92.03	92.05	60.00			Py	1.00	Smoky-white chalcedony vein with disseminatedsseminated pyrite	
VN	93.47	93.53	45.00			Py	1.00	White massive quartz vein with blebbyebby pyrite	
VN	93.70	93.72	85.00					White crustiform quartz vein	
VN	94.56	94.58	85.00			Py	2.00	White-smoky crustiform quartz vein with weak iron staining. Hosts blebbyebby tourmaline, pyrite, and disseminatedsseminated arsenopyrite.	
						To	3.00		
						As	1.00		
ST	94.69	94.70	45.00			Py	1.00	Sphalerite stringers, with grey quartz at edges.	
						Sp	90.00		
VN	94.96	95.00	55.00			Py	15.00	Milky-white quartz vein with central milky comb quartz portion. Crosscut by smoky quartz veinlets.	
ST	95.08	95.09	40.00			Py	80.00	Pyrite stringer with sphalerite blebbyebs at edges	
						Sp	20.00		
VN	95.16	95.18	80.00			Py	20.00	Vuggy grey-white quartz vein with disseminatedsseminated to blebbyebby pyrite	
VN	95.50	95.53	80.00			Py	5.00	White-smoky vuggy quartz vein with disseminatedsseminated-blebbyebby pyrite	
VN	95.70	95.73	75.00			Py	2.00	Grey vuggy quartz with disseminatedsseminated-blebbyebby pyrite	
VN	95.85	96.10	90.00			Py	10.00	Thick smoky vuggy quartz vein with disseminatedsseminated blebbyebby pyrite, cut by milky quartz. Cut by veinlets that have been oxide stained. White quartz eyes are present.	
VN	96.77	97.22	80.00			Py	20.00	Smoky-white crustiform quartz vein with disseminatedsseminated blebbyebby pyrite and blebbyebby sphalerite	
						Sp	10.00		
GO	97.22	100.19	60.00			Py	5.00	Oxidisseminatedzed clay gouge of phyllic and argillic granodisseminatedorite with disseminatedsseminated pyrite	
						Se	10.00		
VN	99.41	99.43	85.00			Py	5.00	Milky-smoky brecciated quartz vein with disseminatedsseminated-blebbyebby pyrite.	
VN	100.19	100.22	80.00			Py	2.00	Clay altered smoky-white quartz vein with disseminatedsseminated pyrite. Possiblebbyy relict banded chalcedony textures.	
VN	101.22	101.31	70.00			Py	15.00	White-milky netted quartz vein bordered by sphalerite stringers and pyrite stringers. Pyrite is blebbyebby-disseminatedsseminated. Vein is offset by microfaults.	
						Sp	10.00		
VN	102.47	102.72	45.00			Py	3.00	White-milky-smoky brecciated-crustiform quartz vein that has been partially clay altered.	
VN	104.19	104.24	70.00			Py	5.00	Clay gouged smoky white Qz vein with disseminated pyrite	
VN	104.54	104.58	45.00			Py	2.00	Milky-smoky quartz vein with central pyrite-sphalerite ST	
						Sp	10.00		
VN	105.10	105.14	60.00			Py	10.00	White-grey quartz vein with blebby pyrite and pyrite ST	
VN	105.24	105.30	90.00			Py	10.00	White-grey quartz vein with netted smoky quartz veinlets. Hosts disseminated-blebby pyrite interstitially to milky quartz blebbyebs.	
VN	105.36	105.62	90.00			Py	30.00	Thick white-smoky quartz vein with massive-disseminated-blebby pyrite and disseminated arsenopyrite. Fractured at the centre, and missing some recovery.	
						As	1.00		
VN	106.61	106.74	60.00			Py	20.00	Smoky-grey massive quartz vein with massive-blebby pyrite.	
VN	107.32	107.34	80.00			Py	30.00	Milky-grey vuggy-comb quartz vein with hexagonal euhedral quartz crystals, chalcedonic quartz stringers, and massive-disseminated pyrite and disseminated arsenopyrite	
						As	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	108.15	108.40	85.00			Py	10.00	Milky-smoky brecciated-crustiform quartz vein with blebby-disseminated pyrite. Crosscut by carbonate stringers, smoky quartz stringers.	
						Cb	6.00		
VN	108.84	108.87	90.00			Py	10.00	Chalcedonic pink quartz borders a milky-vuggy-comb quartz vein with brecciated and disseminated-blebby pyrite.	
						Ch	10.00		
VN	109.70	109.12	85.00			Py	10.00	Pink chalcedonic quartz borders a milky-white-smoky vuggy-brecciated-latticed-crustiform quartz vein with pyrite blebby-disseminated-stringers and sphalerite blebbyebs	
						Sp	10.00		
						Ch	15.00		
VN	110.25	110.27	90.00			Py	2.00	Crustiform white-green quartz vein with hematite staining, disseminated Py, blebby sphalerite.	
						Sp	1.00		
VN	110.81	110.83	60.00			Py	5.00	Smoky-milky crustiform quartz vein with disseminated pyrite	
VN	111.15	111.22	85.00			Py	50.00	White-smoky vuggy-crustiform quartz vein with massive pyrite and blebby sphalerite	
VN	113.23	113.25	90.00			Py	10.00	Milky quartz vein with blebby sphalerite and disseminated pyrite	
						Sp	8.00		
VN	113.93	114.13	60.00			Py	15.00	Smoky-white netted quartz with minor combs. Hosts massive-blebby pyrite	
VN	116.38	116.45	90.00			Py	45.00	White-grey quartz with massive pyrite	
VN	116.59	116.60	80.00			Py	2.00	Milky quartz vein with disseminated Py and disseminated tourmaline	
						To	1.00		
VT	117.34	117.36	60.00			Py	80.00	Pyrite veinlet with smoky quartz at borders and disseminated sphalerite	
						Sp	50.00		
VT	117.78	118.20	70.00			Py	3.00	Milky colloform quartz vein with disseminated pyrite	
VN	118.43	118.54	90.00			Py	20.00	Smoky-white vuggy quartz vein with blebby-massive pyrite and blebby sphalerite	
VN						Sp	5.00		
VN	119.35	119.47	80.00			Py	4.00	Smoky-white clay gouged quartz vein with pink chalcedony, disseminated-blebby pyrite and pyrite stringers.	
						Ch	10.00		
VN	119.62	119.64	75.00			Py	40.00	White-grey quartz vein with blebby-massive pyrite, minor crustiform texture	
VN	120.36	120.51	90.00			Py	40.00	White quartz with massive pyrite, and the pyrite masks quartz textures	
VN	121.62	121.63	80.00			Py	40.00	Smoky quartz with minor bandisseminatedng. Hosts massive pyrite	
VN	121.75	121.77	90.00			Py	30.00	White-milky clay altered quartz with colloform texture.	
						He	1.00		
VN	122.00	122.02	90.00			Py	5.00	Milky-grey colloform quartz vein with blebby sphalerite and blebby pyrite	
						Sp	10.00		
VN	134.60	134.63	90.00			Py	10.00	Smoky brecciated-clay gouged vein with pyrite stringers and blebby sphalerite	
						Sp	5.00		
VN	135.28	135.33	70.00			Py	10.00	White-smoky quartz vein with sphalerite stringers and blebby pyrite interstitial to the quartz	
						Sp	10.00		
VN	142.70	142.73	70.00			Py	3.00	Smoky quartz vein with blebby pyrite	
VN	148.37	148.47	85.00			Py	15.00	Smoky quartz vein with clay alteration and brecciation. Hosts blebby pyrite and blebby sphalerite	
						Sp	2.00		
ST	148.72	148.77	70.00			Py	99.00	blebby and stringers of pyrite, no apparent quartz veins, and minor silica floodisseminatedng.	
VN	166.84	166.86	85.00			Py	1.00	White quartz vein with smoky quartz veinlets, hosting disseminated pyrite	
VN	169.14	169.18	70.00			Py	1.00	White massive quartz vein with disseminated pyrite and hematite staining.	
VN	174.20	174.26	90.00			Py	2.00	White-milky vuggy-comb quartz vein with disseminated-blebby pyrite	
VN	188.38	188.45	80.00		2.00	Py	5.00	Milky comb-vuggy quartz with blebby sphalerite, disseminated-blebby pyrite, and stringers and blebbyebs of galena	
						Ga	10.00		
						Sp	20.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	192.75	192.80	30.00			Py	1.00	Clay altered milky quartz vein with disseminated pyrite. Minor pink chalcedony at vein borders	
VN	195.87	195.93	90.00			Py	5.00	White clay gouged quartz vein with disseminated-blebby pyrite	
VN	200.13	200.08	90.00			Py	1.00	White-milky quartz vein with blebby-massive pyrite.	
VN	205.05	205.21	75.00		2.00	Py	3.00	White-milky quartz vein with disseminated-Py and hematite staining	
VN	206.56	206.59	90.00			Py	35.00	White quartz with massive pyrite centre. Many euhedral pyrite crystals.	
GO	228.72	231.41	90.00			Py	1.00	Moderate-intense clay gouge in silica-flooded granodisseminatedorite with mineralized quartz veins, with weak oxide staining.	
VN	235.67	235.78	80.00		2.00	Py	3.00	White quartz vein with disseminated pyrite and smoky quartz stringers	
VN	237.12	237.15	90.00			Py	10.00	White quartz vein with iron staining, blebby pyrite, blebby sphalerite	
						Sp	20.00		
VN	240.50	240.54	90.00			Py	50.00	White-milky-smoky quartz vein with minor crustiform and massive pyrite	
VT	229.73	229.74	85.00			Py	1.00	Smoky quartz veinlet with disseminated pyrite	
VN	230.81	230.92	30.00			Py	1.00	Clay gouged white quartz vein with disseminated pyrite	
VN	231.36	231.60	80.00			Py	25.00	White-smoky crustiform quartz with blebby-disseminated pyrite and blebby sphalerite.	
						Sp	5.00		
								EOH	

KLAZA

Hole: DDH-KL-12-70 **Date:** Jun-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
55.35	10.15	6.3	866.5	536.5	FEL				Ep	2	2.738619	2.625758	Mafic dyke related to prophyry dyke.
									Pl	15			
39.7	9.85	6.3	828	507	GRD		PRO				2.696641	2.579439	Weak-moderate propyllitic alteration on granodiorite
109.95	10	6.3	851.4	525.2	GRD						2.731258	2.610055	Unaltered granodiorite
113	9.9	6.3	854.8	536.7	GRD		PHC		Cb	5	2.769863	2.687205	Weakly phyllic granodiorite crosscut by carbonate veinlets.
120.88	10.1	6.3	873.9	545.8	GRD		PHC		Py	1	2.77568	2.663517	Weak-moderate phyllic granodiorite with silica flooding overprinting weak argillic alteration. Less than 1% disseminated pyrite.
							ARG						
							SIL						
132.69	9.8	6.3	758.8	450.3	GRD		ARG				2.483878	2.459643	Moderate-intense argillic alteration overprinted by weak phyllic with hematite staining.
							PHC						
													EOH

KLAZA

Hole: DDH-KL-12-70 **Date:** June 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
5.18	8.23	3.05	2.74	89.8	N828424	1				
8.23	11.28	3.05	2.89	94.8	N828425	1				
11.28	14.33	3.05	2.81	92.1	N828426	1				
14.33	17.37	3.04	2.76	90.8	N828427	1				
17.37	20.42	3.05	3.00	98.4	N828428	1				
20.42	23.47	3.05	2.54	83.3	N828429	1				
23.47	26.52	3.05	2.70	88.5	N828430	1				
26.52	29.57	3.05	2.95	96.7	N828431	1				
29.57	32.61	3.04	2.69	88.6	N828432	1				
32.61	33.79	1.18	1.09	92.4	N828433	1				
		0.00			N828434	1				Klaza STD-2
33.79	34.92	1.13	1.05	92.9	N828435	1				
34.92	37.29	2.37	2.27	95.8	N828436	1				
37.29	38.30	1.01	1.00	99	N828437	1				
38.30	39.37	1.07	1.07	100	N828438	1				
39.37	41.76	2.39	2.23	93.3	N828439	1				
41.76	44.81	3.05	2.81	92.1	N828440	1				
44.81	47.15	2.34	2.34	100	N828441	1				
47.15	48.15	1.00	1.00	100	N828442	1				
48.15	50.90	2.75	2.67	97.1	N828443	1				
50.90	51.90	1.00	1.00	100	N828444	1				
		0.00			N828445	1				Blank
51.90	53.21	1.31	1.31	100	N828446	1				
		0.00			N828447	1				Duplicate
53.21	54.21	1.00	1.00	100	N828448	1				
54.21	57.10	2.89	2.81	97.2	N828449	1				
57.10	58.72	1.62	1.52	93.8	N828450	1				
		0.00			N828451	1				Klaza STD-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
58.72	59.72	1.00	1.00	100	N828452	1				
59.72	61.97	2.25	2.26	100	N828453	1				
		0.00			N828454	1				Coarse reject duplicate
61.97	63.49	1.52	1.47	96.7	N828455	1				
63.49	65.43	1.94	1.94	100	N828456	1				
		0.00			N828457	1				Blank
65.43	67.17	1.74	1.70	97.7	N828458	1				
67.17	68.17	1.00	1.00	100	N828459	1				
68.17	69.19	1.02	1.02	100	N828460	2				
69.19	70.19	1.00	1.00	100	N828461	2				
70.19	71.28	1.09	1.00	91.7	N828462	2				
71.28	72.34	1.06	1.00	94.3	N828463	2				
72.34	73.34	1.00	1.00	100	N828464	2				
					N828465	2				Blank
73.34	75.46	2.12	2.12	100	N828466	2				
75.46	78.33	2.87	2.77	96.5	N828467	2				
78.33	79.33	1.00	1.00	100	N828468	2				
79.33	82.17	2.84	2.84	100	N828469	2				
					N828470	2				Coars reject duplicate
82.17	83.87	1.70	1.62	95.3	N828471	2				
83.87	85.74	1.87	1.87	100	N828472	2				
85.74	86.74	1.00	1.00	100	N828473	2				
86.74	88.80	2.06	2.06	100	N828474	2				
88.80	89.91	1.11	1.06	95.5	N828475	2				
					N828476	2				Klaza STD-2
89.91	90.91	1.00	1.00	100	N828477	2				
90.91	92.57	1.66	1.66	100	N828478	2				
92.57	93.57	1.00	1.00	100	N828479	2				
					N828480	2				duplicate
93.57	94.57	1.00	1.00	100	N828481	2				
94.57	96.09	1.52	1.46	96.1	N828482	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N828483	2				Blank
96.09	99.26	3.17	2.88	90.9	N828484	2				
99.26	100.26	1.00	1.00	100	N828485	2				
100.26	101.30	1.04	1.04	100	N828486	2				
101.30	102.47	1.17	1.17	100	N828487	2				
102.47	104.11	1.64	1.57	95.7	N828488	2				
					N828489	2				Klaza STD-1
104.11	105.61	1.50	1.47	98	N828490	2				
105.61	106.97	1.36	1.26	92.6	N828491	2				
106.97	108.11	1.14	1.14	100	N828492	2				
108.11	109.18	1.07	1.07	100	N828493	2				
109.18	110.79	1.61	1.61	100	N828494	2				
110.79	111.83	1.04	1.03	99	N828495	2				
111.83	113.92	2.09	2.02	96.7	N828496	3				
113.92	116.11	2.19	2.19	100	N828497	3				
116.11	117.39	1.28	1.28	100	N828498	3				
117.39	118.42	1.03	1.03	100	N828499	3				
118.42	119.65	1.23	1.13	91.9	N828500	3				
					N828501	3				Blank
119.65	120.65	1.00	0.88	88	N828502	3				
120.65	122.02	1.37	1.37	100	N828503	3				
122.02	123.02	1.00	1.00	100	N828504	3				
123.02	125.83	2.81	2.81	100	N828505	3				
					N828506	3				Klaza STD-3
125.83	128.81	2.98	2.81	94.3	N828507	3				
128.81	131.76	2.95	2.81	95.3	N828508	3				
					N828509	3				Coarse reject duplicate
131.76	134.68	2.92	2.89	99	N828510	3				
					N828511	3				Klaza STD-2
134.68	135.85	1.17	1.08	92.3	N828512	3				
135.85	137.85	2.00	2.00	100	N828513	3				
137.85	139.54	1.69	1.56	92.3	N828514	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
139.54	141.51	1.97	1.97	100	N828515	3				
141.51	142.69	1.18	1.07	90.7	N828516	3				
					N828517	3				Duplicate
142.69	143.71	1.02	1.02	100	N828518	3				
143.71	146.32	2.61	2.61	100	N828519	3				
146.32	148.78	2.46	2.46	100	N828520	3				
					N828521	3				Blank
148.78	150.95	2.17	2.11	97.2	N828522	3				
150.95	153.00	2.05	2.01	98	N828523	3				
153.00	154.53	1.53	1.47	96.1	N828524	3				
154.53	157.39	2.86	2.70	94.4	N828525	3				
157.39	160.26	2.87	2.87	100	N828526	3				
227.69	228.68	0.99	0.99	100	N828527	3				
228.68	231.63	2.95	2.83	95.9	N828528	3				
231.63	234.06	2.43	2.43	100	N828529	3				
234.06	235.19	1.13	1.10	97.3	N828530	3				
235.19	237.14	1.95	1.60	82.1	N828531	3				
		0.00			N828532	4				Blank
237.14	239.63	2.49	2.29	92	N828533	4				
		0.00			N828534	4				Klaza STD-2
239.63	240.53	0.90	0.90	100	N828535	4				
		0.00			N828536	4				Blank
240.53	242.14	1.61	1.60	99.4	N828537	4				
		0.00			N828538	4				Coarse reject duplicate
242.14	243.73	1.59	1.55	97.5	N828539	4				
		0.00			N828540	4				Klaza STD-3
243.73	245.97	2.24	2.14	95.5	N828541	4				
		0.00			N828542	4				Duplicate
										EOH

KLAZA

Hole: DDH-KL-12-70 **Tech Name:Larissa Pepper** **Date: June 7, 20121**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.90	59	0.00	0		1	0S	5W	OVB
1.52	4.57	3.05	1.00	33	0.11	4		1	0S	5W	
4.57	5.18	0.61	0.07	11	0.00	0		1	0S	5W	
5.18	8.23	3.05	2.90	95	0.68	22		1	1S	4W	
8.23	11.28	3.05	3.04	100	0.29	10		1	1S	4W	
11.28	14.33	3.05	2.99	98	1.32	43		1	1S	4W	
14.33	17.37	3.04	2.91	96	0.75	25		1	1S	4W	
17.37	20.42	3.05	2.95	97	1.12	37		1	1S	4W	
20.42	23.47	3.05	2.70	89	1.13	37		1	2S	4W	
23.47	26.52	3.05	2.91	95	0.91	30		2	4S	3W	
26.52	29.57	3.05	2.96	97	2.44	80		2	5S	2W	
29.57	32.61	3.04	3.07	101	2.02	66		1	0S	3W	
32.61	35.66	3.05	2.65	87	0.67	22		1	0S	3W	
35.66	38.71	3.05	2.84	93	0.90	30		1	1S	3W	
38.71	41.76	3.05	3.02	99	1.44	47		1	1S	3W	
41.76	44.81	3.05	2.88	94	0.73	24		1	1S	3W	
44.81	47.85	3.04	2.88	95	1.47	48		2	2S	3W	
47.85	50.90	3.05	2.95	97	2.07	68		1	1S	3W	
50.90	53.95	3.05	3.05	100	2.76	90		2	5S	2W	
53.95	57.00	3.05	2.95	97	2.50	82		1	5S	2W	
57.00	60.05	3.05	2.88	94	1.57	51		2	4S	3W	
60.05	63.09	3.04	2.93	96	1.83	60		2	5S	2W	
63.09	66.14	3.05	2.83	93	2.08	68		2	2S	3W	
66.14	69.19	3.05	3.05	100	1.72	56		2	5S	3W	
69.19	72.24	3.05	3.00	98	2.10	69		1	2S	3W	
72.24	75.29	3.05	3.02	99	0.97	32		1	4S	3W	
75.29	78.33	3.04	2.97	98	1.94	64		2	5S	2W	
78.33	81.38	3.05	3.06	100	2.18	71		2	5S	2W	
81.38	84.43	3.05	2.99	98	2.58	85		2	5S	2W	
84.43	87.48	3.05	2.96	97	2.79	91		2	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
87.48	90.53	3.05	2.97	97	2.59	85		2	5S	2W	
90.53	93.57	3.04	3.05	100	2.37	78		2	5S	2W	
93.57	96.62	3.05	2.91	95	1.97	65		2	2S	2W	
96.62	99.67	3.05	2.57	84	0.29	10		1	1S	4W	
99.67	102.72	3.05	3.05	100	1.64	54		1	2S	2W	
102.72	105.77	3.05	2.87	94	0.89	29		2	3S	2W	
105.77	108.81	3.04	2.97	98	1.39	46		2	5S	1W	
108.81	111.86	3.05	2.99	98	2.11	69		2	5S	1W	
111.86	114.91	3.05	2.94	96	1.95	64		2	5S	1W	
114.91	117.96	3.05	3.00	98	2.02	66		2	4S	1W	
117.96	121.01	3.05	2.96	97	2.01	66		1	5S	2W	
121.01	124.05	3.04	3.04	100	1.46	48		2	2s	2W	
124.05	127.10	3.05	2.94	96	2.07	68		2	4s	2W	
127.10	130.15	3.05	2.93	96	1.60	52		1	5s	3W	
130.15	133.20	3.05	3.05	100	1.22	40		2	4s	3W	
133.20	136.25	3.05	3.01	99	1.76	58		2	5s	2W	
136.25	139.29	3.04	2.90	95	1.52	50		2	3s	3W	
139.29	142.34	3.05	3.05	100	1.35	44		2	5s	2W	
142.34	145.39	3.05	3.04	100	2.02	66		1	3S	2W	
145.39	148.44	3.05	3.08	101	1.23	40		2	4S	2W	
148.44	151.49	3.05	3.02	99	0.90	30		1	1S	4W	
151.49	154.53	3.04	2.94	97	0.00	0		1	1S	4W	
154.53	157.58	3.05	2.89	95	1.70	56		1	4S	2W	
157.58	160.63	3.05	2.97	97	1.98	65		1	2S	3W	
160.63	163.68	3.05	3.00	98	2.27	74		2	5S	2W	
163.68	166.73	3.05	2.94	96	2.04	67		2	5S	2W	
166.73	169.77	3.04	3.07	101	0.96	32		2	5S	2W	
169.77	172.82	3.05	3.03	99	1.68	55		2	5S	2W	
172.82	175.87	3.05	3.02	99	0.89	29		2	5S	1W	
175.87	178.92	3.05	2.94	96	1.63	53		2	5S	1W	
178.92	181.97	3.05	3.05	100	2.18	71		2	5S	1W	
181.97	185.10	3.13	2.96	95	1.22	39		1	5S	2W	
185.10	188.06	2.96	3.01	102	2.27	77		2	5S	1W	
188.06	191.12	3.06	2.91	95	2.00	65		2	5S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
191.12	194.16	3.04	3.05	100	1.91	63		2	5S	1W	
194.16	197.21	3.05	2.98	98	0.50	16		2	5S	1W	
197.21	200.25	3.04	3.04	100	1.35	44		2	5S	1W	
200.25	203.30	3.05	2.96	97	2.60	85		2	5S	1W	
203.30	206.35	3.05	2.98	98	2.47	81		2	5S	1W	
206.35	209.40	3.05	3.01	99	2.59	85		2	5S	2W	
209.40	212.45	3.05	2.88	94	1.45	48		1	5S	2W	
212.45	215.49	3.04	3.05	100	2.21	73		2	5S	2W	
215.49	218.54	3.05	2.93	96	2.86	94		2	5S	1W	
218.54	221.59	3.05	2.93	96	2.11	69		2	5S	1W	
221.59	224.64	3.05	2.98	98	2.08	68		2	5S	2W	
224.64	227.69	3.05	2.85	93	1.45	48		2	4S	2W	
227.69	230.73	3.04	2.92	96	0.17	6		1	1S	4W	
230.73	233.78	3.05	2.87	94	0.41	13		1	1S	4W	
233.78	236.83	3.05	2.68	88	1.58	52		2	2S	3W	
236.83	239.88	3.05	2.88	94	2.00	66		2	5S	2W	
239.88	242.93	3.05	2.99	98	1.76	58		1	1S	4W	
242.93	245.97	3.04	3.05	100	1.25	41		2	2S	3W	
245.97	249.02	3.05	3	98	1.62	53		2	5S	1W	
249.02	252.07	3.05	3.08	101	2.67	88		2	5S	1W	EOH
252.07	255.12	3.05	2.44	80	1.06	35		2	4S	1W	

KLAZA

Hole: DDH-KL-12-70 **Tech Name:** Barry Penner **Date:** June 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52							OVB
1.52	4.57	3.05							OVB
4.57	5.18	0.61							OVB
5.18	8.23	3.05	60	0.08	0.00	2.00	2R	3W	
8.23	11.28	3.05							
11.28	14.33	3.05	65	0.12	0.00	3.00	3R	3W	
14.33	17.37	3.04	40	0.16	0.00	1.00	2R	3W	
17.37	20.42	3.05	60	0.18	0.00	1.00	2R	3W	
20.42	23.47	3.05	50	0.06	0.00	1.00	2R	3W	
23.47	26.52	3.05	20	0.20	0.00	2.00	3R	3W	
26.52	29.57	3.05	65	0.20	0.00	1.00	3R	2W	
29.57	32.61	3.04	30	0.25	140.00	1.00	3R	4W	
32.61	35.66	3.05							rubble
35.66	38.71	3.05	60	0.08	4.00	1.00	3R	3W	
38.71	41.76	3.05	30		0.00	2.00	2R	3W	
41.76	44.81	3.05		0.02					rubble
44.81	47.85	3.04	45		0.00	1.00	3R	2W	
47.85	50.90	3.05							competent, no joint sets
50.90	53.95	3.05	30	0.10	0.00	1.00	2R	2W	
		0.00	85	0.08	0.00	1.00	3R	1W	
53.95	57.00	3.05	65	0.16	0.00	1.00	3R	1W	
57.00	60.05	3.05	35	0.20	0.00	1.00	3R	2W	
60.05	63.09	3.04	50	0.36	0.00	1.00	2R	2W	
63.09	66.14	3.05	45	0.20	0.00	1.00	3R	2W	
66.14	69.19	3.05	60	0.10	0.00	1.00	3R	2W	
69.19	72.24	3.05	40	0.74	0.00	1.00	2R	2W	
72.24	75.29	3.05	70	0.23	1.00	1.00	2R	2W	
75.29	78.33	3.04							competent, no coherent sets
78.33	81.38	3.05	50	0.14	0.00	1.00	2R	2W	
81.38	84.43	3.05	85	0.05	0.00	1.00	3R	2W	
		0.00	70	0.43	0.00	1.00	2R	2W	
84.43	87.48	3.05	45	0.50	0.00	2.00	3R	2W	
87.48	90.53	3.05	70	0.12	2.00	1.00	2R	2W	
		0.00	45	0.35	0.00	1.00	3R	2W	
90.53	93.57	3.04	45	0.50	0.00	1.00	2R	1W	
		0.00	65	0.05	2.00	1.00	2R	1W	
93.57	96.62	3.05	65	0.07	0.00	1.00	3R	2W	

KLAZA

96.62	99.67	3.05	40	0.05	1.00	1.00	2R	2W	
99.67	102.72	3.05	50	0.44	1.00	1.00	2R	2W	crumbly interval
102.72	105.77	3.05	55	0.35	0.00	1.00	2R	1W	
		0.00	45	0.30	2.00	1.00	2R	1W	
105.77	108.81	3.04	80	0.05	0.00	1.00	2R	1W	
108.81	111.86	3.05	65	0.30	0.00	1.00	2R	1W	
111.86	114.91	3.05	60	0.05	0.00	2.00	3R	1W	
114.91	117.96	3.05	30	0.32	1.00	1.00	2R	1W	
		0.00	40	0.08	2.00	1.00	2R	1W	
117.96	121.01	3.05	20	0.55	1.00	1.00	2R	1W	
		0.00	40	0.50	0.00	1.00	3R	1W	
121.01	124.05	3.04	25	0.02	0.00	1.00	3R	2W	
		0.00	70	0.06	0.00	1.00	2R	2W	
124.05	127.10	3.05	20	0.03	0.00	1.00	2R	2W	
127.10	130.15	3.05	70	0.11	0.00	1.00	2R	2W	
		0.00	30	0.11	0.00	1.00	2R	2W	
130.15	133.20	3.05	40	0.08	0.00	1.00	2R	2W	lots of rubble
133.20	136.25	3.05	80	0.10	0.00	1.00	3R	2W	
		0.00	55	0.10	0.00	1.00	2R	2W	continues into next run
136.25	139.29	3.04	55	0.10	0.00	1.00	2R	2W	
139.29	142.34	3.05	50	0.08	0.00	2.00	3R	2W	
142.34	145.39	3.05	80	0.10	20.00	1.00	3R	4W	
		0.00	55	0.05	0.00	1.00	3R	2W	continues into next run
145.39	148.44	3.05	55	0.05	0.00	1.00	3R	2W	
148.44	151.49	3.05							gougy rubble all through run
151.49	154.53	3.04							
154.53	157.58	3.05	70	0.02	4.00	2.00	2R	2W	
157.58	160.63	3.05	30	0.20	0.00	2.00	2R	2W	
160.63	163.68	3.05	60	0.20	0.00	1.00	2R	1W	
163.68	166.73	3.05	65	0.10	2.00	1.00	2R	1W	6 joints, in pairs: // // //
166.73	169.77	3.04	70	0.07	0.00	1.00	2R	1W	
169.77	172.82	3.05	45	0.14	0.00	1.00	2R	2W	
172.82	175.87	3.05	30	0.15	0.00	3.00	2R	2W	
		0.00	80	0.35	0.00	1.00	2R	1W	
175.87	178.92	3.05	55	0.25	0.00	1.00	2R	2W	
178.92	181.97	3.05	70	0.25	0.00	1.00	2r	2W	
181.97	185.01	3.04	40	0.10	2.00	1.00	2r	3WQ	
185.01	188.06	3.05	35	0.15	0.00	1.00	2r	2W	
		0.00	70	0.20	0.00	1.00	2r	2W	
		0.00	25	0.01	2.00	1.00	2r	3W	
188.06	191.12	3.06							fractures, no sets; fairly competent
191.12	194.16	3.04	65	0.17	0.00	1.00	2r	1W	
		0.00	50	0.04	0.00	2.00	3r	2W	
194.16	197.21	3.05	40	0.06	0.00	1.00	3r	2W	
197.21	200.25	3.04							competent, weathered rock. Fractures but no joint sets.
200.25	203.30	3.05	70	0.22	0.00	1.00	2r	1W	
203.30	206.35	3.05	40	0.04	0.00	1.00	2r	1W	

KLAZA

206.35	209.40	3.05	60	0.40	0.00	1.00	2r	1W	
209.40	212.45	3.05	50	0.15	0.00	1.00	2r	1W	
		0.00	75	0.16	0.00	1.00	2r	1W	
212.45	215.50	3.05	30	0.50	0.00	1.00	2r	1W	
		0.00	60	0.20	0.00	1.00	2r	1W	
215.50	218.54	3.04	70	0.35	0.00	1.00	2r	1W	
218.54	221.59	3.05	35	0.75	0.00	1.00	2r	1W	
		0.00	75	0.11	0.00	1.00	2r	1W	
221.59	224.64	3.05	40	1.02	0.00	1.00	3r	1W	
224.64	227.69	3.05	50	0.30	0.00	1.00	2r	1W	
227.69	230.73	3.04							very crumbly and fractured
230.73	233.78	3.05							very crumbly and fractured
233.78	236.83	3.05	30	0.15	0.00	1.00	3r	1w	
236.83	239.88	3.05	80	0.25	0.00	1.00	2r	1w	
239.88	242.93	3.05	60	1.05	0.00	1.00	2r	1w	
242.93	245.97	3.04							very crumbly and fractured
245.97	249.02	3.05	70	0.12	0.00	1.00	2r	1w	
249.02	252.07	3.05	60	0.70	0.00	1.00	3r	1w	
		0.00	20	0.46	0.00	1.00	3r	1w	
252.07	255.12	3.05	60	0.30	0.00	1.00	2r	1w	EOH

KLAZA

Hole: DDH-KL-12-70 Date: June 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	3.34	
2.00	25.80	
3.00	2.38	
4.00	3.84	
5.00	8.76	
6.00	5.52	
7.00	8.78	
8.00	5.54	
9.00	3.61	
10.00	4.78	
11.00	1.98	
12.00	2.73	
13.00	4.90	
14.00	16.20	
15.00	22.80	
16.00	4.35	
17.00	42.60	
18.00	31.20	
19.00	3.96	
20.00	2.68	
21.00	4.13	
22.00	2.01	
23.00	2.04	
24.00	24.90	
25.00	5.19	
26.00	4.62	
27.00	5.17	
28.00	9.34	
29.00	5.22	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	5.52	
31.00	3.37	
32.00	2.80	
33.00	3.24	
34.00	3.17	
35.00	11.80	
36.00	5.35	
37.00	6.92	
38.00	1.29	
39.00	6.41	
40.00	6.09	
41.00	8.45	
42.00	3.67	
43.00	11.00	
44.00	1.57	
45.00	5.22	
46.00	49.40	
47.00	9.82	
48.00	1.89	
49.00	5.22	
50.00	5.35	
51.00	10.30	
52.00	8.65	
53.00	15.70	
54.00	6.31	
55.00	6.11	
56.00	4.88	
57.00	5.49	
58.00	1.29	
59.00	5.82	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.65	
61.00	5.54	
62.00	10.40	
63.00	1.05	
64.00	4.16	
65.00	9.00	
66.00	5.77	
67.00	2.16	
68.00	2.40	
69.00	6.75	
70.00	4.98	
71.00	7.77	
72.00	6.24	
73.00	3.89	
74.00	7.49	
75.00	7.07	
76.00	3.17	
77.00	7.40	
78.00	8.88	
79.00	4.70	
80.00	7.74	
81.00	8.75	
82.00	6.98	
83.00	5.10	
84.00	7.29	
85.00	6.66	
86.00	3.67	
87.00	12.90	
88.00	9.40	
89.00	7.77	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	6.65	
91.00	8.56	
92.00	8.76	
93.00	9.47	
94.00	9.24	
95.00	6.51	
96.00	4.60	
97.00	7.00	
98.00	5.51	
99.00	1.32	
100.00	2.40	
101.00	1.78	
102.00	8.26	
103.00	8.82	
104.00	8.21	
105.00	3.59	
106.00	1.34	
107.00	3.74	
108.00	3.79	
109.00	3.79	
110.00	2.08	
111.00	2.99	
112.00	2.53	
113.00	13.20	
114.00	5.37	
115.00	2.13	
116.00	5.84	
117.00	0.43	
118.00	5.47	
119.00	3.47	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	3.37	
121.00	3.30	
122.00	1.61	
123.00	9.13	
124.00	7.57	
125.00	11.60	
126.00	4.67	
127.00	3.69	
128.00	6.30	
129.00	4.04	
130.00	1.61	
131.00	1.51	
132.00	2.40	
133.00	5.76	
134.00	5.26	
135.00	6.53	
136.00	5.72	
137.00	6.45	
138.00	2.31	
139.00	4.31	
140.00	2.92	
141.00	2.67	
142.00	3.36	
143.00	3.41	
144.00	24.20	
145.00	6.26	
146.00	34.40	
147.00	4.33	
148.00	3.64	
149.00	4.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	31.70	
151.00	6.87	rubble
152.00	26.00	
153.00	4.56	rubble
154.00	4.48	
155.00	2.97	
156.00	2.28	
157.00	6.18	
158.00	5.64	
159.00	3.32	
160.00	6.85	
161.00	3.49	
162.00	6.97	
163.00	3.84	
164.00	3.37	
165.00	2.45	
166.00	10.60	
167.00	14.00	
168.00	1.79	
169.00	3.51	
170.00	5.20	
171.00	53.20	
172.00	36.30	
173.00	8.14	
174.00	4.70	
175.00	3.51	
176.00	43.50	
177.00	37.10	
178.00	50.00	
179.00	14.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	46.70	
181.00	4.11	
182.00	6.24	
183.00	45.30	
184.00	2.36	
185.00	2.40	
186.00	2.78	
187.00	6.14	
188.00	2.57	
189.00	7.02	
190.00	3.67	
191.00	2.11	
192.00	2.46	
193.00	2.01	
194.00	1.42	
195.00	1.72	
196.00	4.36	
197.00	1.07	
198.00	1.41	
199.00	2.57	
200.00	1.41	
201.00	2.88	
202.00	34.30	
203.00	47.70	
204.00	40.30	
205.00	6.11	
206.00	48.60	
207.00	48.70	
208.00	43.80	
209.00	53.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	17.90	
211.00	48.00	
212.00	55.00	
213.00	46.90	
214.00	44.50	
215.00	48.50	
216.00	60.10	
217.00	3.76	
218.00	19.30	
219.00	39.40	
220.00	37.30	
221.00	10.60	
222.00	5.86	
223.00	8.03	
224.00	35.50	
225.00	47.00	
226.00	8.40	
227.00	2.21	
228.00	1.15	
229.00	2.63	
230.00	1.37	
231.00	0.48	
232.00	1.76	
233.00	3.09	
234.00	1.49	
235.00	1.93	
236.00	3.34	
237.00	2.62	
238.00	3.84	
239.00	7.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	3.94	
241.00	28.60	
242.00	36.60	
243.00	6.30	
244.00	4.80	
245.00	5.20	
246.00	4.78	
247.00	2.41	
248.00	5.40	
249.00	1.76	
250.00	5.19	
251.00	3.19	
252.00	3.10	
253.00	7.56	
254.00	2.75	
255.00	2.46	EOH @ 255.12

KLAZA

Hole: **DDH-KL-12-70** **Date:**

Box #	From (m)	To (m)
1	0.00	5.91
2	5.91	9.31
3	9.31	13.04
4	13.04	16.29
5	16.29	19.87
6	19.87	23.60
7	23.60	27.45
8	27.45	31.30
9	31.30	35.02
10	35.02	38.52
11	38.52	41.76
12	41.76	45.13
13	45.13	48.63
14	48.63	52.97
15	52.97	57.00
16	57.00	60.36
17	60.36	64.57
18	64.57	68.27
19	68.27	72.24
20	72.24	75.95
21	75.95	80.00
22	80.00	84.25
23	84.25	88.59
24	88.59	92.66
25	92.66	96.62
26	96.62	100.36
27	100.36	103.98
28	103.98	107.36
29	107.36	110.92

KLAZA

30	110.92	114.91
31	114.91	118.78
32	118.78	122.32
33	122.32	125.83
34	125.83	129.97
35	129.97	133.51
36	133.51	137.61
37	137.61	141.12
38	141.12	144.86
39	144.86	148.44
40	148.44	151.57
41	151.57	154.53
42	154.53	158.40
43	158.40	162.16
44	162.16	166.41
45	166.41	169.95
46	169.95	173.84
47	173.84	177.52
48	177.52	181.59
49	181.59	185.17
50	185.17	189.12
51	189.12	193.01
52	193.01	196.64
53	196.64	200.11
54	200.11	204.29
55	204.29	208.25
56	208.25	212.45
57	212.45	216.39
58	216.39	220.77
59	220.77	224.64
60	224.64	228.41
61	228.41	231.81
62	231.81	234.67
63	234.67	238.89
64	238.89	242.89
65	242.89	246.25
66	246.25	249.97

KLAZA

67	249.97	253.49
68	253.49	255.12
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383121.04	6889670.2	1407.878	242.93

SECTION:

HOLE: DDH-KL-12-71

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 22 - June 25, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	24.64	24.64	GRD	Unaltered strongly oxidized granodiorite.
24.64	28.86	4.22	GRD	Phyllic granodiorite with mineralized quartz veins.
28.86	32.64	3.78	FEL	Quartz feldspar porphyry dyke.
32.64	46.95	14.31	GRD	Phyllic granodiorite with mineralized quartz veins.
46.95	69.41	22.46	FEL	Quartz feldspar porphyry dyke.
69.41	72.46	3.05	GRD	Phyllic granodiorite with mineralized quartz veins.
72.46	74.89	2.43	VEN	Smoky quartz veins with up to 50% arsenopyrite.
74.89	99.39	24.50	GRD	Phyllic granodiorite with mineralized quartz veins.
99.39	107.74	8.35	VEN	Smoky quartz veins with up to 50% arsenopyrite.
107.74	112.09	4.35	GRD	Phyllic granodiorite with mineralized quartz veins.
112.09	121.59	9.50	VEN	Vuggy smoky mineralized quartz veins.
121.59	196.34	74.75	GRD	Phyllic granodiorite with mineralized quartz veins.
196.34	199.43	3.09	VEN	Clay-altered mineralized smoky quartz veins.
199.43	238.51	39.08	GRD	Moderate argillic alteration in granodiorite.
238.51	242.93	4.42	GRD	Unaltered granodiorite to EOH.

SAMPLES

Numbers: N828543 - N828600
M897001 - M897086

Total: 144

Batch: 4

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-71 **Logger Name:** **Teresa Cruz** **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	28.86	28.86				mKgW	GRD	MG	Lt	Gn	Rb										Granodiorite with varying alterations, including phyllic, propyllitic, argillic, oxide, and silicification. Crosscut by quartz veins, and sometimes hosting disseminated pyrite.
									Md	Gy											
			0.00	7.00	7.00	mKgW	GRD	MG	Lt	Gn		4I									Top of hole is rubblebbyy and clay altered, with intense oxide staining. Competent rock is unaltered granodiorite. Pervasive oxide staining, especially on fracture faces.
									Md	Gy											
			7.00	10.52	3.52	mKgW	GRD	MG	Lt	Gn		4I		ARG	3I						Moderate argillic alteration with strong oxide staining.
									Md	Gy											
			10.52	24.64	14.12	mKgW	GRD	MG	Lt	Gn		4I									Unaltered, strongly oxidized granodiorite.
									Md	Gy											
			24.64	28.86	4.22	mKgW	GRD	MG	Lt	Gn				PHC	3I						Weak argillic overprinted by moderate phyllic alteration. Crosscut by mineralized quartz veins.
									Md	Gy				ARG	2I						
28.86	32.64	3.78				LKqP	FEL	FG	Lt	Gn	Rb			SIL	2I						Brecciated and intensely silica flooded quartz feldspar porphyry dyke. Rubbly and oxide stained.
									Md	Gy											
32.64	46.95	14.31				mKgW	GRD	MG	Lt	Gn				ARG	2I	1.00					Phyllic alteration overprinting weak, patchy argillic. Oxide staining along fractures. Fractures at 12 per 1m. Crosscut by mineralized quartz veins.
									Md	Gy				PHC	3I						
46.95	69.41	22.46				LKqP	FEL	FG	Lt	Gn	Rb			SIL	2I						Quartz feldspar porphyry dyke with patchy silica flooding and constituent changes that are reflected by colour change. Thick dyke selvedges.
									Md	Gy											
			46.95	48.95	2.00	LKqP	FEL	FG	Lt	Gn		1I									Weakly oxidized and crosscut by mineralized quartz veins.
									Md	Gy											
			48.95	57.00	8.05	LKqP	FEL	FG	Lt	Gn	Rb	3I									Heavily fractured and oxidized/stained dyke. Clay gouge is common.
									Md	Gy											
			57.00	69.41	12.41	LKqP	FEL	FG	Lt	Gn	Fr	2I		SIL	1I						Moderately fractured and oxide stained dyke, with minor clay gouge.
									Md	Gy											
69.41	99.39	29.98				mKgW	GRD	MG	Lt	Gn											Granodiorite with varying alterations, including phyllic, propyllitic, argillic, oxide, and silicification. Crosscut by quartz veins, and sometimes hosting disseminated pyrite.
									Md	Gy											
			69.41	78.62	9.21	mKgW	GRD	MG	Lt	Gn				PHC	3I						Phyllic alteration overprinting patchy argillic alteration. Crosscut by mineralized quartz veins.
									Md	Gy				ARG	2I						
			78.62	95.87	17.25	mKgW	GRD	MG	Lt	Gn											Unaltered granodiorite with minor phyllic alteration adjacent to quartz veins.
									Md	Gy											
			95.87	99.39	3.52	mKgW	GRD	MG	Lt	Gn				PHC	3I						Phyllic alteration with patchy argillic crosscut by quartz veins.
									Md	Gy				ARG	2I						
99.39	103.03	3.64					VEN	MG	Md	Gn						20.00		As	2.00		Dense veining with smoky-milky quartz. Quartz is vuggy and brecciates the host phyllic granodiorite. Pyrite, arsenopyrite, and sphalerite are all present. Varying quartz textures.
									Dk	Bk								Sp	5.00		
																		Cb	10.00		
103.03	136.50	33.47				mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00		To	1.00		Granodiorite with patchy argillic, phyllic, and propyllitic alterations. Crosscut by quartz veins and veinlets. Hosts disseminated pyrite and blebby tourmaline.
									Md	Gy				PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
														ARG	2I						
			103.03	122.83	19.80	mKgW	GRD	MG	Lt	Gn				PHC	3I						Phyllic envelope with patchy argillic alteration. One argillic interval is intense and crumblebbyy. Crosscut by mineralized quartz veins.
									Md	Gy				ARG	2I						
			122.83	132.81	9.98	mKgW	GRD	MG	Lt	Gn											Unaltered granodiorite with localized phyllic alteration envelopes near quartz veins.
									Md	Gy											
			132.81	136.50	3.69	mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00					Phyllic granodiorite with minor clay alteration. Crosscut by mineralized quartz veins, which brecciate granodiorite from 135.80-136.30m.
									Md	Gy											
136.50	138.03	1.53				LKqP	FEL	FG	Lt	Gn								Cb	5.00		Quartz feldspar porphyry dyke crosscut by carbonate veinlets.
									Md	Gy											
138.03	144.43	6.40				mKgW	GRD	MG	Lt	Gn				PHC	4I	2.00					Phyllic granodiorite with quartz veins and disseminated pyrite. Clay alteration intensifies with proximity to porphyry dyke.
									Md	Gy				CLY	3I						
144.43	144.70	0.27				LKqP	FEL	FG	Lt	Gn											Porphyry dyke with 20cm mineralized dyke selvedges.
									Md	Gy											
144.70	146.18	1.48				mKgW	GRD	MG	Lt	Gn				PHC	3I	15.00		Sp	7.00		Moderately phyllic altered granodiorite with blebby-disseminated pyrite and blebby sphalerite.
									Md	Gy											
146.18	146.94	0.76				LKqP	FEL	FG	Lt	Gn		2I									Porphyry dyke with 1-2 cm dyke selvedges. Rubbly and oxide stained near the end selvedge.
									Md	Gy											
146.94	177.34	30.40				mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00		To	1.00		Phyllic granodiorite with moderate argillic alteration overprinted by moderate phyllic alteration. Crosscut by mineralized quartz veins. Varying silica flooding from quartz veins and veinlets. Rubbly from 151.40-151.80m. One thick smoky quartz vein at 155.00-155.38m. Quartz vein occurrence increases after 164.00m. Pervasive moderate clay alteration starts at 175.02m and continues until 187m. Oxide stains fracture faces in the clay altered granodiorite. Granodiorite is cut by a vein zone at 177.30-179.30m. Hosts disseminated pyrite and blebby tourmaline.
									Md	Gy				ARG	3I						
														CLY	2I						
177.34	179.36	2.02					VEN	FG	Md	Gn				CLY	2I	5.00		As	1.00		Smoky white quartz veins with pyrite and arsenopyrite brecciate phyllic granodiorite. Smoky quartz is later brecciated by carbonate veinlets and veins. Entire interval is weak due to clay alteration along carbonate seams.
									Dk	Bk								Cb	10.00		
179.36	242.93	63.57				mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00		To	1.00		Phyllic granodiorite with moderate argillic alteration overprinted by moderate phyllic alteration. Crosscut by mineralized quartz veins. Varying silica flooding from quartz veins and veinlets. Rubbly from 151.40-151.80m. One thick smoky quartz vein at 155.00-155.38m. Quartz vein occurrence increases after 164.00m. Pervasive moderate clay alteration starts at 175.02m and continues until 187m. Oxide stains fracture faces in the clay altered granodiorite. Granodiorite is cut by a vein zone at 177.30-179.30m. Hosts disseminated pyrite and blebby tourmaline.
									Md	Gy				ARG	3I						
														CLY	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			179.36	192.45	13.09	mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00		To	1.00		Phyllic granodiorite with moderate argillic alteration overprinted by moderate phyllic alteration. Crosscut by mineralized quartz veins. Varying silica flooding from quartz veins and veinlets. Rubbly from 151.40-151.80m. One thick smoky quartz vein at 155.00-155.38m. Quartz vein occurrence increases after 164.00m. Pervasive moderate clay alteration starts at 175.02m and continues until 187m. Oxide stains fracture faces in the clay altered granodiorite. Granodiorite is cut by a vein zone at 177.30-179.30m. Hosts disseminated pyrite and blebby tourmaline.
									Md	Gy				ARG	3I						
														CLY	2I						
			192.45	195.08	2.63	mKgW	GRD	MG	Lt	Gn				PRO	3I	1.00		Cb	5.00		Moderate propyllitic alteration in granodiorite crosscut by carbonate veinlets. Hosts disseminated pyrite. Grades into argillic alteration envelope.
									Md	Gy											
			195.08	204.54	9.46	mKgW	GRD	MG	Lt	Gn				ARG	3I	1.00					Argillic alteration in phyllic granodiorite crosscut by quartz veinlets and veins. Clay alteration reduced rock strength from 198.30-200.90m.
									Md	Gy				PHC	2I						
			204.54	214.72	10.18	mKgW	GRD	MG	Lt	Gn				PRO	3I	2.00					Dominantly propyllitic alteration envelope with patchy argillic and phyllic alteration. Crosscut by quartz veins and carbonate veinlets. Hosts blebby pyrite. Hematite staining at 215.10m. Blebby tourmaline at 209.33m. Most mineralized quartz veins are clay altered and serve as points of weakness. Moderate-intense hematite staining at 210.75m.
									Md	Gy				PHC	2I						
														ARG	2I						
			214.72	238.51	23.79	mKgW	GRD	MG	Lt	Gn				PHC	2I	3.00		Sp	2.00		Dominantly argillic alteration with is intense and has crumbled sections of recovery from 222.4-225.3m. Crosscut by quartz veinlets/veins and carbonate veinlets. Minor oxide staining and clay alteration in crumbly zones.
									Md	Gy				ARG	4I						
														CLY	3I						
			238.51	242.93	4.42	mKgW	GRD	MG	Lt	Gn			2I			1.00					Unaltered granodiorite with patchy phyllic alteration near rare crosscutting quartz veins. Quartz veins are mineralized and appear with less often with depth.
									Md	Gy											
																					EOH

KLAZA

Hole: DDH-KL-12-71 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
28.86		Sharp 45 degree contact between granodiorite and quartz feldspar porphyry dyke. Clay altered and oxide stained, with slight brecciation that looks healed by later silicification.
32.64		Sharp 60 degree contact between porphyry dyke and granodiorite. Little to no
46.95		Sharp contact between granodiorite and porphyry dyke with a thick mineralized
69.41		Sharp contact between porphyry dyke and granodiorite with a thick mineralized
136.50		80 degree sharp contact between granodiorite and porphyry dyke.
138.03		Sharp stepped contact between porphyry dyke and granodiorite.
144.43		40 degree sharp planar contact between granodiorite and porphyry dyke with
144.70		90 degree sharp planar contact between porphyry dyke and granodiorite with
146.18		60 sharp planar-undulating contact between granodiorite and porphyry dyke
146.94		Rubbly-oxidized and clay altered contact between porphyry dyke and

KLAZA

Hole: DDH-KL-12-71 **Logger Name:** Teresa Cruz **Date:** June 23 - 26, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	25.48	25.56	90.00			Py	5.00	Grey quartz vein without textures, hosting disseminated-blebby interstitial pyrite.	
VN	25.56	25.88	80.00			Py	5.00	Brecciated and clay altered white-grey quartz vein. Hosts disseminated-blebby pyrite. 4 cm of clay gouge.	
VN	26.99	27.00	75.00			Py	20.00	Smoky-white quartz vein with minor crustiform texture. Hosts disseminated-blebby pyrite with iron staining.	
VN	27.36	27.39	80.00			Py	3.00	White quartz vein with disseminated pyrite and arsenopyrite, and blebby galena and sphalerite.	
						As	1.00		
						Ga	8.00		
						Sp	5.00		
VN	28.38	28.41	90.00			Py	1.00	Smoky-milky brecciated and crustiform quartz with disseminated pyrite.	
GO	29.90	30.34	10.00						
VN	14.23	14.26	85.00			Py	30.00	Euhedral crystals of calcite, white quartz , and cubic pyrite. Borders of the vein are 2-3mm euhedral pyrite cubes, and the centre is intermingled crystals of quartz and calcite.	
						Ca	20.00		
VN	22.66	22.70	90.00			Py	15.00	Massive white quartz stained by oxidation. Smoky quartz veinlets crosscut the white quartz. Hosts massive-blebby pyrite and blebby sphalerite.	
						Sp	5.00		
VN	25.48	25.56	90.00			Py	5.00	Grey quartz vein without textures, hosting Di-BL interstitial pyrite	
VN	25.56	25.88	80.00			Py	5.00	Brecciated and clay altered white-grey quartz vein. Hosts Di-BL pyrite. 4 cm of clay gouge.	
VN	26.99	27.00	75.00			Py	20.00	Smoky-white quartz vein with minor crustiform texture. Hosts Di-BL pyrite, with iron staining.	
VN	27.36	27.39	80.00			Py	3.00	White quartz vein with Di pyrite, Di arsenopyrite, BL galena, and BL sphalerite.	
						As	1.00		
						Ga	8.00		
						Sp	5.00		
VN	28.38	28.41	80.00			Py	1.00	Smoky-milky brecciatd and crustiform quartz with Di pyrite.	
GO	29.90	30.34	10.00					Gouge seam running from 0-45-60 degrees through 44cm of the porphyry dyke.	
VN	14.23	14.26	85.00			Py	30.00	Vein composed of euhedral crystals of calcite, white quartz, and pyrite. Borders of the vein are 2-3mm euhedral pyrite cubes, and he centre is intermingled crystals of quartz and calcite.	
						Ca	20.00		
VN	22.66	22.70	90.00			Py	15.00	Massive white quartz stained by oxidation. Smoky quartz veinlts crosscut the white quartz. Hosts massive-BL pyrite and BL sphalerite.	
						Sp	5.00		
VN	35.20	35.23	80.00			Py	30.00	White quartz vein with central massive BL pyrite veinlets.	
VN	37.67	37.73	90.00			Py	5.00	White-netted crustiform quartz that has been offset by microfaults. Cut by sphalerite stringers. Hosts BL pyrite and sphalerite.	
						Sp	10.00		
VN	38.09	38.10	85.00			Py	3.00	White-milky quartz with minor crustiform texture.	
VT	38.44	38.71	65.00		7.00	Py	2.00	White quartz veinlets with thin phyllic envelopes, hosting Di pyrite.	
VN	38.87	39.03	90.00		3.00	Py	5.00	White-milky quartz veins with minor clay alteration. Crosscut by pyrite stringers. Hosts Di pyrite.	
VN	39.41	39.66	60.00			Py	15.00	Clay altered white quartz vein with Di-BL pyrite. Bordered by pyrite stringers.	
VN	42.01	42.22	60.00		2.00	Py	1.00	Massive smoky quartz veins with Di pyrite.	
VN	43.12	43.72	30.00		6.00	Ga	5.00	White-milky comb-crustiform quartz veins with BL-Di galena.	
VN	44.91	44.93	90.00			Py	8.00	Crustiform-comb milky-smoky quartz vin crosscut by aphanitic pyrite stringer hosting Di-BL pyrite.	
VN	46.93	47.61	55.00			Py	15.00	Dyke selvedge vein swarm. Smoky quartz vein brecciated the host rock, entraining granodiorit clasts. Minor clay gouge. Blebs of milky-white quartz within smoky quartz. Crosscut by aphanitic pyrite stringers. Hosts BL-Di pyrite. Patchy argillic alteration.	
						Sp	10.00		
GO	51.87	53.80	90.00			Ca	4.00	Clay gouge in quartz feldspar porphyry dyke	
GO	59.03	59.49	60.00					Clay gouge in quartz feldspar porphyry dyke	
GO	63.94	65.09	50.00					Clay gouge in quartz feldspar porphyry dyke	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	69.44	70.41	50.00			Py	20.00	Clay gouged and altered dyke selvedge. Densely crosscut by smoky quartz veins, veinlets, and pyrite stringers. Weakly clay gouged. Hosts Di-BL pyrit. Quartz is crustiform-massive.	
VN	71.28	71.56	70.00		6.00	Py	10.00	White-milky crustiform squartz with BL pyrite and minor vugs.	
VT	72.17	72.19	80.00			Py	2.00	White quartz veinlet with Di-BL pyrite	
VN	72.46	72.58	90.00			Py	15.00	Vuggy smoky-milky quartz vein. Quartz is massive. Hosts BL-massive pyrite, BL sphalerite, BL tourmaline, and BL arsenopyrite. Arsenopyrite displays rhombic crystals, and is sometimes massive. Arsenopyrite is dull sulver-grey. Largest crystal is 3mm in diameter.	y
						Sp	7.00		
						As	12.00		
						To	3.00		
VN	73.05	73.14	45.00			Py	15.00	Sucrosic white quartz and BL tourmaline vein with Di-BL pyrite.	
						To	40.00		
VN	73.80	73.92	70.00			Py	3.00	Massive smoky quartz vein with Di pyrite.	
VN	74.41	74.77	80.00			Py	5.00	White-milky quartz cut by parallel smoky quartz veinlets, hosting Di pyrite. Mild-weak clay alteration and oxide staining.	
VN	74.69	74.89	80.00			Py	8.00	Smoky quartz vein with parallel chalcedony stringers. Hosts Di pyrite.	
						Ch	6.00		
VN	75.97	76.00	70.00			Py	20.00	White-milky quartz bordered by smoky quartz stringer. Hosting BL-Di pyrite.	
VN	76.46	76.53	50.00		3.00	Py	10.00	White-smoky quartz vein with BL pyrite. Several parallel smoky quartz stringers accompany the vein.	
VN	76.94	77.12	45.00			Ch	5.00		
						Py	10.00	White quartz with minor chalcedony banding. Chalcedony is orange, due to iron staining. Quartz is crustiform and netted.	
VN	77.89	78.11	45.00			Ch	10.00		
					2.00	Py	20.00	White quartz with chalcedony at the borders. Hematite stains some central white quartz. Hosts Di pyrite.	
VN	82.48	82.69	60.00			Ch	5.00		
					2.00	Py	10.00	White comb quartz with smoky quartz stringer in the centre. Chalcedony stringers are adjacent to one side of the vein. Hosts Di-BL pyrite.	
VN	83.76	83.92	70.00		2.00	Py	5.00	White massive quartz with Di pyrite.	
VN	87.63	87.67	50.00			Py	10.00	White comb quartz with central milky quartz blebs with interstitial Di-BL pyrite.	
VT	88.40	88.41	90.00			Py	2.00	White-milky quartz veinlet with smoky quartz stringer and Di pyrite.	
						Sp	10.00		
VN	91.38	91.42	50.00		3.00	Py	5.00	Milky-smoky quartz vein with infilled quartz vugs. Hosts Di-BL pyrite.	
VN	91.77	92.00	45.00					Three 3cm thick white massive quartz veins at 30-45-60 degree angles.	
VT	92.22	92.27	90.00			Py	3.00	Netted chalcedony stringers and veinlets with BL smoky quartz and Di pyrite.	
VN	96.62	96.65	90.00			Py	2.00	Milky comb quartz bordering white massive quartz vein. Hosts Di pyrite.	
VN	96.24	96.29	80.00			Py	1.00	Milky comb quartz cut by massive smoky quartz vein. Milky quartz hosts Di pyrite.	
VN	99.93	99.99	50.00			Py	20.00	Smoky quartz vein with massive arsenopyrite, massive pyrite, BL chalcopyrite.	y
						As	50.00		
						Cp	20.00		
VN	100.02	100.13	60.00			Py	50.00	Smoky quartz vein with massive pyrite, Di arsenopyrite, Di sericite. Rare hexagonal clear quartz crystals.	
						Se	1.00		
						As	1.00		
VN	100.18	100.34	80.00			Py	30.00	Vuggy-crustiform-netted white-milky quartz hosting massive-BL pyrite.	y
VN	100.50	100.81	90.00			Py	10.00	Vuggy and netted milky quartz vein/veinlets hosting Di-BL pyrite.	
						Cb	20.00		
VN	100.89	100.98	60.00			Py	20.00	White smoky-vuggy quartz crosscut by vuggy carbonate veins and smoky quartz stringers. Quartz hosts BL-massive pyrite, granodiorite is brecciated and hosts arsenopyrite.	
						Cb	30.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	100.98	101.18	90.00			Py	30.00	Smoky quartz hosts massive-BL pyrite. Some lattice texture white quartz, with parallel pyrite stringers. Smoky quartz vein brecciated by carbonate. Later stage additional smoky quartz stringers and veinlets.	y
						Cb	50.00		
VN	101.33	102.05	90.00			Py	30.00	Intense brecciation of white quartz vein by carbonate veins and veinlets. Carbonate combs rim vugs, and surround quartz infill. Some chalcedony veinlets.	
						Cb	40.00		
						Sp	10.00		
						Ch	5.00		
VN	102.38	102.65	70.00			Py	2.00	Smoky quartz vein that brecciated phyllic granodiorite. 0.5 cm long fragments of granodiorite held in quartz vein. Crosscut by carbonate veinlets. Hosts Di-BL pyrite and arsenopyrite.	
						As	1.00		
VN	102.97	103.04	70.00			Py	50.00	Smoky quartz vein with massive pyrite and BL sphalerite.	
						Sp	10.00		
VT	103.04	104.54	60.00			Py	2.00	Smoky quartz veinlets with Di pyrite.	
VN	104.54	104.93	70.00			Py	5.00	Smoky quartz vein with Di pyrite, Di chalcopyrite, Di-BL arsenopyrite. White quartz eyes developing in smoky quartz.	
						Cp	3.00		
						As	8.00		
VN	107.91	108.05	80.00			Py	50.00	White quartz vein with massive-BL pyrite, BL chalcopyrite, Di arsenopyrite.	
						Cp	8.00		
						As	1.00		
VN	107.74	107.77	90.00			Py	30.00	1.5cm thick sulphide vein with massive-BL arsenopyrite, massive-BL pyrite, BL chalcopyrite.	y
						As	50.00		
						Cp	20.00		
VN	108.56	108.57	50.00			Ch	30.00	Yellow-tan chalcedony with netter white quartz veinlets.	
VN	112.09	112.13	80.00			Py	3.00	White-milky quartz vein with Di pyrite.	
						As	1.00		
VN	112.42	112.44	85.00			Py	1.00	Vuggy-crustiform white quartz vein with Di pyrite.	
VT	113.77	113.79	75.00			Py	5.00	Fuzzy quartz vein with central veinlet of milky quartz and BL pyrite.	
VN	115.86	115.91	90.00			Py	20.00	White quartz vein with blebs of milky quartz. Hosts Di-BL pyrite. Cut by fine-grained pyrite stringers.	
VT	116.07	116.08	45.00			Py	2.00	Smoky quartz veinlet with Di pyrite and hematite staining.	
						He	1.00		
VT	117.28	117.29	45.00			Py	1.00	White quartz veinlet with carbonate and Di pyrite.	
						Cb	10.00		
VN	117.99	118.00	90.00			Py	1.00	White quartz vein crosscut by smoky quartz veinlets hosting Di pyrite.	
VT	118.16	118.37	80.00		4.00	Py	100.00	Pyrite stringers.	
VN	119.14	119.17	60.00			Py	1.00	White-grey quartz with weakly Di pyrite.	
VN	119.56	119.58	80.00			Py	3.00	White quartz vein with veinlets of chalcedony, hosting BL pyrite.	
						Ch	10.00		
VN	119.72	119.75	70.00			Py	20.00	White quartz with parallel veinlets of chalcedony. Hosts massive-BL pyrite and BL blackjack sphalerite.	
						Sp	6.00		
						Ch	8.00		
VN	119.96	120.10	70.00		2.00	Py	10.00	Smoky quartz vein with mossy milky quartz at edges. Hosts Di-BL pyrite and BL tourmaline.	
						To	5.00		
VN	121.56	121.59	90.00			Py	3.00	Milky quartz vein with bordering smoky quartz. Smoky quartz hosts Di pyrite.	
VN	132.00	132.03	80.00			Py	1.00	White crustiform quartz with Di pyrite.	
VN	133.00	133.04	45.00			Py	1.00	Milky quartz vein with smoky quartz veinlets, hosting Di pyrite. Minor clay alteration.	
VN	135.67	135.70	85.00			Py	15.00	Smoky quartz vein with Di-BL pyrit. Crosscut by a milky quartz veinlet.	
VN	135.78	136.02	80.00			Py	5.00	Dyke selvedge: granodiorite brecciated by milky-white quartz veinlets and veins cut by carbonate veinlets. Hosts Di-BL pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Cb	10.00		
VN	120.73	120.77	65.00			Py	2.00	Smoky quartz vein with Di pyrite.	
VT	122.39	122.43	30.00			Py	10.00	Whit quartz vein with BL-Di pyrite.	
VN	122.49	122.54	90.00			Py	15.00	Milky quartz vein with border of BL-massive pyrite and BL-massive honeybrown sphalerite.	
						Sp	10.00		
VN	122.99	123.08	80.00			Py	3.00	White quartz vein with BL pyrite and BL tourmaline.	
						To	5.00		
VN	123.47	123.50	30.00			Py	1.00	Central creamy-tan chalcedony vein bordered by white quartz.	
						Ch	40.00		
VN	124.60	124.62	80.00			Ch	80.00	White chalcedony vein with central BL white quartz.	
VN	141.06	142.00	20.00		3.00	Py	1.00	Smoky quartz veins at 30 degrees, evenly spaced with dense netted carbonate veinlets. Some pink-white chalcedony near smoky quartz veins. Smoky quartz veins host minor Di pyrite.	
						Cb	15.00		
						Ch	10.00		
VT	143.66	143.87	50.00		4.00	Py	1.00	Moderate-intensely clay altered and incompetent smoky quartz veinlets in phyllic granodiorite. Quartz veinlets host minor Di pyrite.	
						As	1.00		
VN	144.17	144.46	40.00			Py	15.00	Moderate-intensely clay altered and incompetent smoky-milky quartz veins crosscut by carbonate veinlets. Hosts Di-BL pyrit. Dyke selvedge.	
						Cb	15.00		
VN	147.69	147.93	70.00			Py	30.00	Vuggy smoky-white quartz vin. Vein is banded thickly, approximately 3 cm smoky, 3 cm white, 4 cm smoky. Veins host Di-BL pyrite.	
VN	149.42	149.48	80.00		2.00	Py	2.00	White quartz veins bordered by creamy-tan chalcedony quartz. Hosts Di pyrite.	
VN	151.00	151.41	90.00			Py	25.00	Smoky quartz with vugs and crosscutting white quartz. Minor brecciation. Hosts massive-BL pyrite.	
VN	151.49	153.00	70.00		5.00	Py	5.00	Vuggy smoky quartz vein. Host rock is rubbly, so exact vein textures are unclear.	
ST	154.84	155.01	70.00		17.00	Py	100.00	Densely packed pyrite stringer.	
VN	155.01	155.39	80.00			Py	15.00	Smoky quartz vein with crosscutting carbonate veins. Carbonate has brecciated smoky quartz. White quartz veins also crosscut. Smoky quartz hosts BL-Di pyrite, BL sphalerite, BL galena, and Di arsenopyrite.	
						Sp	20.00		
						Ga	5.00		
						As	1.00		
VT	157.36	157.37	90.00			Py	10.00	White quartz veinlets with blebby-Di pyrite and sphalerite at the borders.	
						Sp	5.00		
VN	158.85	158.89	90.00			Py	2.00	Milky-white quartz veinlet with stringers of smoky quartz. Hosts Di pyrite.	
VT	161.49	161.50	85.00			Py	1.00	White quartz vein with BL sphalerite and Di pyrite.	
						Sp	5.00		
VN	163.11	163.20	45.00			Py	5.00	White quartz veins at crosscutting angles.	
VN	163.98	164.04	45.00			Py	1.00	1 cm chalcedony vein with adjacent clay-altered smoky quartz vein hosting Di pyrite.	
						Ch	50.00		
VN	166.64	167.05	90.00			Py	30.00	Smoky quartz vein with central 1.5 cm thick white quartz vein. Smoky quartz hosts BL-massive pyrite, BL sphalerite, quartz is vuggy-crustiform.	
						Sp	10.00		
VN	170.33	170.46	70.00			Py	50.00	Smoky quartz with massive pyrit.	
VN	170.56	170.73	70.00			Py	4.00	Smoky quartz vein brecciating phyllic granodiorite host, then crosscut by tan carbonate veinlets.	
						Cb	15.00		
VN	171.20	171.31	50.00		2.00	Py	1.00	Central milky quartz bordered by smoky quartz veinlets hosting Di pyrite.	
VN	172.70	172.78	60.00			Py	10.00	Milky-white crustiform quartz vein with BL pyrite, BL sphalerite, and BL galena.	
						Sp	3.00		
						Ga	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	174.04	174.10	70.00			Py	2.00	Intensely clay-altered smoky quartz vein. All textures are destroyed, but clay is densly packed and retains original shape.	
VN	177.34	177.40	90.00		2.00	Py	3.00	Clay altered smoky quartz vein hosting disseminated pyrite.	
VN	177.60	177.70	80.00			Py	10.00	Smoky quartz vein cut by carbonate veinlets and white quartz veins. Shows crustiform texture and weak clay alteration. Hosts disseminated-blebby pyrite.	
VN	177.79	177.83	80.00			Py	30.00	Smoky quartz with vuggy-milky quartz veinlets. Smoky quartz hosts massive-blebby pyrite.	
VN	178.23	178.92	70.00		5.00	Py	2.00	Mineralized smoky quartz veins brecciating granodiorite. Crosscut by carbonate veinlets, hosting disseminated pyrite.	
VN	178.94	179.17	80.00			Py	10.00	Smoky quartz vein brecciated by carbonate veinlets. Quartz hosts blebby-disseminated pyrite and blebby galena and sphalerite.	
						Ga	10.00		
						Sp	5.00		
VN	179.25	179.36	90.00			Py	5.00	Smoky quartz vein with moderate clay alteration hosting disseminated pyrite.	
VT	179.63	179.66	45.00			Py	3.00	Smoky quartz veinlet with clay alteration, hosting disseminated pyrite.	
VN	181.29	183.25	50.00		6.00	Py	1.00	White-milky quartz veins with very low disseminated pyrite.	
VN	182.89	182.90	80.00			Py	20.00	Tan chalcedony and white quartz vein with blebby pyrite.	
						Ch	30.00		
VN	183.16	183.19	80.00			Py	2.00	White crustiform quartz vein with tan chalcedony veinlets. Quartz hosts disseminated pyrite.	
						Ch	5.00		
VN	184.08	184.09	90.00			Py	1.00	White crustiform quartz vein with parallel smoky quartz veinlets. Hosts disseminated pyrite.	
VN	185.78	185.96	20.00			Py	1.00	Clay altered smoky quartz vein with disseminated pyrite.	
VT	187.48	187.51	60.00			Py	1.00	Tan crustiform quartz veinlets with disseminated pyrite and dissemainted tourmaline.	
						To	3.00		
VT	188.43	188.45	85.00			Py	3.00	Tan crustiform quartz veinlet with central blebby sphalerite and disseminated pyrite.	
						Sp	25.00		
VN	191.85	192.01	45.00		8.00	Py	7.00	White semi-comb quartz veins with blebby sphalerite and disseminated pyrite.	
						Sp	5.00		
VN	196.34	196.84	90.00			Py	20.00	Smoky white clay altered quartz veins. Original textures are lost. Hosts disseminated to massive pyrite and blebby galena.	
						Ga	3.00		
VN	197.51	197.64	40.00			Py	15.00	Smoky-white clay altered mineralized quartz vein with disseminated-blebby pyrite.	
VT	197.88	197.93	45.00			Py	40.00	White quartz veinlet with blebby pyrite.	
VN	198.20	199.43	30.00		4.00	Py	20.00	Clay altered smoky quartz veins with disseminated-blebby pyrite.	
VN	201.01	201.15	80.00		2.00	Py	2.00	Milky quartz with chalcedony vein and dissemenated pyrite.	
						Ch	10.00		
VN	201.72	202.03	90.00		3.00	Py	2.00	White-smoky quartz veins in crackled granodiorite with disseminated pyrite.	
VN	202.53	202.75	70.00		3.00	Py	1.00	Smoky quartz borders with white crustiform central quartz vein. Hosts disseminated pyrite.	
VT	203.86	203.94	60.00		2.00	Py	1.00	Smoky quartz with minor tan chalcedony. Smoky quartz hosts disseminated pyrite.	
						Ch	3.00		
VN	204.30	204.35	80.00			Py	1.00	Tan chalcedony vein with blebby honey brown sphalerite and disseminated pyrite.	
						Ch	97.00		
						Sp	3.00		
VN	206.38	206.69	30.00		3.00	Py	10.00	Smoky quartz with veinlets of chalcedony. Smoky quartz hosts blebby chalcopyrite, and disseminated-blebby pyrite.	
						Ch	8.00		
						Cp	5.00		
VN	206.85	207.10	35.00			Py	20.00	Thick smoky quartz vein with moderate sericite alteration leading to sucrosic texture. Hosts massive-blebby-disseminated pyrite and disseminated arsenopyrite.	
						Se	10.00		
						As	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
ST	207.17	207.20	85.00			Py	100.00	Pyrite stringer	
VN	207.48	207.53	50.00			Py	20.00	Clay altered smoky quartz vein with blebby-disseminated pyrite.	
VN	207.90	208.09	80.00			Py	15.00	White-smoky crustifrom quartz vein with blebby pyrite and blebby galena.	
						Ga	5.00		
ST	208.18	208.20	90.00			Py	100.00	Pyrite stringers	
VN	208.65	208.67	90.00			Py	5.00	Tan mossy quartz with smoky quartz veinlets. Hosts disseminated pyrite, blebby tourmaline, and disseminated sericite.	
VN	209.32	209.36	60.00			Py	1.00	Tan chalcedony bordering white crustifrom quartz vein. Hosts disseminated pyrite, blebby tourmaline, and disseminated sericite.	
						To	10.00		
						Se	1.00		
						Ch	20.00		
VN	210.32	210.34	80.00			Py	1.00	Mossy green-white quartz vein with smoky quartz veinlets at borders. Hosts disseminated pyrite, blebby tourmaline, disseminated sericite.	
VT	211.29	211.30	45.00			Py	1.00	Smoky quartz veinlet with disseminated pyrite.	
VN	211.73	211.78	85.00			Py	15.00	White massive quartz vein bordered by white quartz.	
DY	217.38	217.41	80.00					Quartz feldspar aplite dyke with hematite staining.	
DY	219.91	220.10	45.00					Quartz feldspar aplite dyke with hematite staining.	
VN	228.82	228.84	90.00			Py	3.00	Milky crustiform quartz vein with moderate clay alteration, hosting disseminated-blebby pyrite.	
VN	228.90	228.95	50.00			Py	10.00	Smoky-white quartz vein with blebby-massive pyrite.	
VN	231.78	231.82	80.00			Py	3.00	White massive vaguely comb texture vein with disseminated pyrite and blebby hematite and disseminated magnesium.	
						He	2.00		
						Mg	1.00		
VT	238.29	238.45	80.00		3.00	Py	30.00	Smoky quartz veinlet with blebby pyrite.	
VN	238.40	238.41	90.00			Py	10.00	Central massive milky quartz vein bordered by smoky quartz veinlets hosting disseminated-blebby pyrite.	
VT	239.24	239.57	80.00		2.00	Py	15.00	Milky crustiform quartz vein with blebby pyrite and blebby sphalerite.	
						Sp	5.00		
VN	240.93	240.95	80.00			Py	15.00	White quartz vein with blebby pyrite and blebby sphalerite.	
						Sp	10.00		
VT	241.63	241.64	90.00			Py	2.00	White quartz veinlet with disseminated pyrite.	
ST	242.66	242.67	90.00			Py	80.00	Pyrite and sphalerite stringer.	
						Sp	20.00		
								EOH	

KLAZA

Hole: DDH-KL-12-71 **Date: June 24-26**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
63.14	9.8	6.3	808.3	496.7	FEL		OXI	2I			2.645913	2.594031	Limonite stained weathered quartz feldspar porphyry dyke. Clay alteration of plagioclase.
75	9.9	6.3	837.4	525.5	GRD		PHC	4I	Py	3	2.713481	2.684835	Moderate-intense phyllic in granodiorite
86.77	10	6.3	829.3	526.8	GRD		PRO	1I			2.660362	2.741488	Very weakly propyllitic granodiorite.
89.19	9.7	6.3	836.3	540.2	GRD		ARG	2I	Py	1	2.765791	2.824384	Very weakly propyllitic alteration overprinting argillic with disseminated pyrite and smoky quartz stringers.
							PHC	2I					
94.25	10	6.3	779.7	477	GRD		ARG	3I			2.501247	2.575818	Moderately argillic granodiorite with quartz stringers.
119.83	9.9	6.3	891.9	575.2	GRD		PHC	2I	Py	2	2.890081	2.81623	Moderately phyllic altered granodiorite with disseminated pyrite.
129.26	9.9	6.3	841.7	524.4	GRD						2.727415	2.652695	Unaltered granodiorite
136.25	11.7	6.3	1041.3	669.6	VEN		PHC	4I	Cb	5	2.855085	2.801453	Granodiorite brecciated by quartz veinlets with later carbonate veinlets. Smoky quartz vein with blebby pyrite and disseminated sphalerite.
							ARG	2I	Py	10			
									Sp	2			
162.85	10.2	6.3	876.6	548.8	GRD		PHC	3I	Py	1	2.756959	2.674192	Phyllic granodiorite with silica flooding and disseminated pyrite.
							SIL	2I					
167.97	10	6.3	816.5	489.2	GRD		ARG	3I	Py	1	2.6193	2.494653	Moderate argillic in granodiorite with weak phyllic overprint.
							PHC	1I					

KLAZA

Hole: DDH-KL-12-71 **Date:** June 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
22.56	25.48	2.92	2.92	100	N828543	1				
25.48	26.48	1.00	0.99	99	N828544	1				
26.48	27.48	1.00	1.00	100	N828545	1				
27.48	28.85	1.37	1.30	94.9	N828546	1				
28.85	30.73	1.88	1.88	100	N828547	1				
30.73	33.68	2.95	1.01	34.2	N828548	1				Rubbly
33.68	35.11	1.43	1.43	100	N828549	1				
					N828550	1				Coarse reject duplicate
35.11	36.15	1.04	1.00	96.2	N828551	1				
36.15	37.62	1.47	1.39	94.6	N828552	1				
37.62	38.62	1.00	1.00	100	N828553	1				
38.62	39.67	1.05	1.04	99	N828554	1				
39.67	40.81	1.14	1.01	88.6	N828555	1				
40.81	41.91	1.10	1.01	91.8	N828556	1				
41.91	44.49	2.58	2.58	100	N828557	1				
44.49	45.54	1.05	1.03	98.1	N828558	1				
					N828559	1				Duplicate
45.54	46.54	1.00	1.00	100	N828560	1				
					N828561	1				Klaza STD-1
46.54	47.62	1.08	0.98	90.7	N828562	1				
47.62	48.94	1.32	1.32	100	N828563	1				
48.94	51.21	2.27	1.97	86.8	N828564	1				
51.21	53.80	2.59	2.17	83.8	N828565	1				
53.80	57.00	3.20	2.79	87.2	N828566	1				
57.00	59.89	2.89	2.89	100	N828567	1				
59.89	62.72	2.83	2.83	100	N828568	1				
62.72	66.03	3.31	2.85	86.1	N828569	1				
66.03	67.24	1.21	1.20	99.2	N828570	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N828571	1				Klaza STD-3
67.24	69.40	2.16	1.89	87.5	N828572	1				
69.40	71.00	1.60	1.58	98.8	N828573	1				
					N828574	1				Blank
71.00	72.17	1.17	1.05	89.7	N828575	1				
72.17	73.17	1.00	0.93	93	N828576	1				
					N828577	1				
73.17	74.90	1.73	1.56	90.2	N828578	1				
74.90	75.90	1.00	1.00	100	N828579	2				
75.90	78.13	2.23	2.13	95.5	N828580	2				
78.13	81.12	2.99	2.95	98.7	N828581	2				
81.12	84.13	3.01	3.00	99.7	N828582	2				
84.13	87.04	2.91	2.84	97.6	N828583	2				
87.04	88.40	1.36	1.28	94.1	N828584	2				
					N828585	2				
88.40	91.30	2.90	2.90	100	N828586	2				
91.30	92.45	1.15	1.10	95.7	N828587	2				
92.45	93.96	1.51	1.36	90.1	N828588	2				
93.96	96.22	2.26	2.23	98.7	N828589	2				
					N828590	2				
96.22	97.33	1.11	1.09	98.2	N828591	2				
97.33	98.33	1.00	1.00	100	N828592	2				
98.33	99.89	1.56	1.56	100	N828593	2				
					N828594	2				
99.89	101.14	1.25	1.25	100	N828595	2				
					N828596	2				
101.14	103.06	1.92	1.86	96.9	N828597	2				
103.06	104.98	1.92	1.88	97.9	N828598	2				
104.98	107.04	2.06	1.91	92.7	N828599	2				
107.04	108.05	1.01	1.01	100	N828600	2				
					M897001	2				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
108.05	109.96	1.91	1.91	100	M897002	2				
109.96	111.53	1.57	1.38	87.9	M897003	2				
111.53	112.52	0.99	0.99	100	M897004	2				
112.52	113.67	1.15	1.00	87	M897005	2				
113.67	114.81	1.14	1.14	100	M897006	2				
					M897007	2				Duplicate
114.81	115.90	1.09	1.00	91.7	M897008	2				
115.90	117.98	2.08	2.08	100	M897009	2				
		0.00			M897010	2				Klaza STD-2
117.98	120.11	2.13	2.01	94.4	M897011	2				
120.11	122.30	2.19	2.06	94.1	M897012	2				
122.30	123.30	1.00	1.00	100	M897013	2				
123.30	124.66	1.36	1.30	95.6	M897014	2				
124.66	127.49	2.83	2.71	95.8	M897015	3				
127.49	130.58	3.09	2.91	94.2	M897016	3				
		0.00			M897017	3				Coarse reject duplicate
130.58	133.61	3.03	2.88	95	M897018	3				
133.61	135.45	1.84	1.71	92.9	M897019	3				
		0.00			M897020	3				Klaza STD-1
135.45	136.50	1.05	1.02	97.1	M897021	3				
136.50	138.00	1.50	1.50	100	M897022	3				
138.00	140.00	2.00	1.95	97.5	M897023	3				
140.00	142.42	2.42	2.40	99.2	M897024	3				
142.42	143.83	1.41	1.41	100	M897025	3				
143.83	145.16	1.33	1.33	100	M897026	3				
		0.00			M897027	3				Blank
145.16	146.21	1.05	1.00	95.2	M897028	3				
146.21	147.70	1.49	1.29	86.6	M897029	3				
147.70	148.83	1.13	1.06	93.8	M897030	3				
148.83	150.75	1.92	1.92	100	M897031	3				
		0.00			M897032	3				Klaza STD-1
150.75	153.18	2.43	1.96	80.7	M897033	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
153.18	154.35	1.17	1.16	99.1	M897034	3				
154.35	155.45	1.10	1.06	96.4	M897035	3				
		0.00			M897036	3				Blank
155.45	158.28	2.83	2.83	100	M897037	3				
158.28	159.30	1.02	1.02	100	M897038	3				
159.30	161.42	2.12	2.04	96.2	M897039	3				
161.42	163.33	1.91	1.91	100	M897040	3				
163.33	164.33	1.00	1.00	100	M897041	3				
164.33	165.83	1.50	1.45	96.7	M897042	3				
		0.00			M897043	3				Duplicate
165.83	166.83	1.00	1.00	100	M897044	3				
166.83	167.86	1.03	1.03	100	M897045	3				
167.86	170.23	2.37	2.37	100	M897046	3				
170.23	171.26	1.03	1.03	100	M897047	3				
171.26	172.71	1.45	1.45	100	M897048	3				
172.71	173.87	1.16	1.15	99.1	M897049	3				
173.87	174.84	0.97	0.97	100	M897050	3				
174.84	177.26	2.42	2.42	100	M897051	4				
177.26	178.26	1.00	0.90	90	M897052	4				Lost recovery
178.26	179.37	1.11	1.07	96.4	M897053	4				
		0.00			M897054	4				Blank
179.37	180.80	1.43	1.25	87.4	M897055	4				
180.80	182.34	1.54	1.54	100	M897056	4				
182.34	183.34	1.00	1.00	100	M897057	4				
183.34	184.53	1.19	1.08	90.8	M897058	4				
184.53	185.72	1.19	1.14	95.8	M897059	4				
		0.00			M897060	4				Klaza STD-2
185.72	187.14	1.42	1.23	86.6	M897061	4				
187.14	188.14	1.00	1.00	100	M897062	4				
188.14	190.20	2.06	1.94	94.2	M897063	4				
190.20	193.14	2.94	2.95	100	M897064	4				
193.14	194.46	1.32	1.26	95.5	M897065	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
		0.00			M897066	4				Duplicate
194.46	196.32	1.86	1.86	100	M897067	4				
196.32	198.43	2.11	1.75	82.9	M897068	4				
198.43	199.79	1.36	1.34	98.5	M897069	4				
		0.00			M897070	4				Blank
199.79	202.10	2.31	2.16	93.5	M897071	4				
202.10	204.37	2.27	2.27	100	M897072	4				
204.37	206.39	2.02	1.97	97.5	M897073	4				
		0.00			M897074	4				Coarse reject duplicate
206.39	207.52	1.13	1.08	95.6	M897075	4				
207.52	208.63	1.11	1.00	90.1	M897076	4				
208.63	210.07	1.44	1.44	100	M897077	4				
210.07	212.98	2.91	2.91	100	M897078	4				
212.98	215.95	2.97	2.86	96.3	M897079	4				
215.95	218.36	2.41	2.41	100	M897080	4				
218.36	221.21	2.85	2.83	99.3	M897081	4				
		0.00			M897082	4				Klaza STD-3
221.21	223.74	2.53	2.53	100	M897083	4				
223.74	226.71	2.97	2.96	99.7	M897084	4				
226.71	229.61	2.90	2.84	97.9	M897085	4				
229.61	232.61	3.00	3.00	100	M897086	4				EOH

KLAZA

Hole: DDH-KL-12-71 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18		0		0		1		5W	short intervals of granodioritic rubble
5.18	6.71	1.53	1.35	88	0.00	0		1		5W	
6.71	8.23	1.52	1.50	99	0.25	16		1	2S	4W	
8.23	11.27	3.04	3.00	99	1.26	41		1	2S	3W	
11.27	14.33	3.06	2.70	88	0.28	9		1	2S	4W	
14.33	17.37	3.04	3.03	100	0.15	5		1	2S	4W	
17.37	20.42	3.05	2.96	97	0.21	7		1	2S	3W	
20.42	23.47	3.05	2.87	94	1.07	35		1	2S	3W	
23.47	26.52	3.05	3.06	100	1.94	64		1	2S	3W	
26.52	29.57	3.05	2.82	92	1.64	54		2	3S	2W	
29.57	32.61	3.04	2.14	70	0.75	25		1	2S	2W	
32.61	35.66	3.05	2.91	95	2.15	70		1	2S	2W	
35.66	38.71	3.05	2.98	98	0.87	29		1	1S	5W	
38.71	41.76	3.05	2.84	93	1.47	48		2	4S	3W	
41.76	44.81	3.05	3.05	100	2.08	68		2	4S	3W	
44.81	47.88	3.07	2.91	95	1.45	47		2	4S	3W	
47.88	50.90	3.02	2.82	93	1.50	50		2	2S	3W	
50.90	53.95	3.05	2.46	81	0.13	4		1	0S	5W	
53.95	57.00	3.05	2.65	87	0.65	21		2	2S	3W	
57.00	60.05	3.05	2.94	96	1.01	33		2	1S	3W	
60.05	63.09	3.04	2.97	98	1.29	42		2	1S	3W	
63.09	66.14	3.05	2.74	90	0.74	24		2	1S	3W	
66.14	69.19	3.05	2.83	93	0.64	21		2	3S	2W	
69.19	72.24	3.05	2.87	94	0.22	7		2	1S	3W	
72.24	75.29	3.05	2.73	90	0.83	27		2	4S	2W	
75.29	78.33	3.04	3.02	99	2.34	77		2	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.90	95	2.36	77		2	5S	2W	
81.38	84.43	3.05	3.06	100	1.92	63		2	5S	2W	
84.43	87.48	3.05	2.96	97	2.41	79		2	5S	3W	
87.48	90.53	3.05	2.99	98	2.15	70		2	5S	2W	
90.53	93.57	3.04	2.75	90	1.01	33		1	2S	4W	
93.57	96.62	3.05	3.04	100	1.39	46		1	5S	4W	
96.62	99.17	2.55	2.97	116	2.19	86		2	2S	3W	
99.17	102.72	3.55	3.01	85	2.14	60		2	5S	2W	
102.72	105.77	3.05	3.00	98	1.94	64		2	5S	2W	
105.77	108.81	3.04	2.86	94	1.02	34		1	2S	3W	
108.81	111.86	3.05	2.96	97	1.61	53		1	1S	3W	
111.86	114.91	3.05	2.72	89	0.86	28		1	1S	3W	
114.91	117.90	2.99	2.92	98	1.90	64		2	5S	2W	
117.90	121.00	3.10	2.89	93	2.38	77		2	5S	2W	
121.00	124.05	3.05	3.02	99	2.04	67		2	5S	2W	
124.05	127.10	3.05	3.05	100	1.91	63		2	5S	2W	
127.10	130.15	3.05	2.87	94	2.36	77		2	1S	2W	
130.15	133.20	3.05	2.80	92	1.87	61		1	2S	3W	
133.20	136.25	3.05	2.73	90	1.20	39		1	1S	3W	
136.25	139.29	3.04	2.55	84	1.10	36		1	2S	3W	
139.29	142.34	3.05	3.05	100	1.23	40		1	1S	4W	
142.34	145.39	3.05	2.85	93	0.43	14		1	1S	4W	
145.39	148.44	3.05	2.7	89	1.75	57		2	1S	4W	
148.44	151.49	3.05	2.97	97	2.44	80		1	1S	3W	
151.49	154.53	3.04	3.00	99	2.60	86		1	1S	3W	
154.53	157.58	3.05	3.01	99	2.16	71		2	5S	2W	
157.58	160.63	3.05	2.85	93	2.22	73		2	5S	2W	
160.63	163.68	3.05	3.06	100	2.30	75		2	5S	1W	
163.68	166.73	3.05	3.02	99	2.59	85		1	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.04	100	2.50	82		2	5S	2W	
169.77	172.82	3.05	2.95	97	1.91	63		2	5S	2W	
172.82	175.87	3.05	2.88	94	1.17	38		1	1S	4W	
175.87	178.92	3.05	2.97	97	1.19	39		1	3S	3W	
178.92	181.97	3.05	2.95	97	1.40	46		1	1S	4W	
181.97	185.01	3.04	2.85	94	0.75	25		1	4S	3W	
185.01	188.06	3.05	2.80	92	0.60	20		1	1S	3W	
188.06	191.11	3.05	3.02	99	1.50	49		2	5S	2W	
191.11	194.16	3.05	3.06	100	1.52	50		2	5S	1W	
194.16	197.21	3.05	2.98	98	1.61	53		1	1S	2W	
197.21	200.25	3.04	2.97	98	0.42	14		1	1S	3W	
200.25	203.30	3.05	2.95	97	0.79	26		1	2S	3W	
203.30	206.35	3.05	2.97	97	2.27	75		2	5S	1W	
206.35	209.40	3.05	2.86	94	0.79	26		1	4S	2W	
209.40	212.45	3.05	2.87	94	1.35	44		2	5S	2W	
212.45	215.49	3.04	2.87	94	1.53	50		1	2S	2W	
215.49	218.54	3.05	3.05	100	0.20	7		1	1S	2W	
218.54	221.59	3.05	3.01	99	0.49	16		2	2S	2W	
221.59	224.64	3.05	3	98	0.12	4		1	0S	3W	
224.64	227.69	3.05	2.74	90	0.76	25		1	0S	3W	
227.69	230.73	3.04	2.98	98	0.29	10		1	0S	3W	
230.73	233.78	3.05	2.81	92	2.02	66		2	5S	2W	
233.78	236.83	3.05	2.87	94	2.38	78		2	5S	1W	
236.83	239.88	3.05	3.04	100	2.79	91		2	5S	1W	
239.88	242.93	3.05	2.97	97	1.80	59		2	5S	1W	EOH

KLAZA

Hole: DDH-KL-12-71 **Tech Name:** Barry Penner **Date:** Jun-12

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets: Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	DESCRIPTION
0.00	5.18								OVB & rubble
5.18	6.71								OVB & rubble
6.71	8.23		45.00	0.15	0.00	1.00	2R	3W	
8.23	11.27		35.00	0.21	0.00	1.00	2R	4W	
11.27	14.33								strongly weathered rubble
14.33	17.37								strongly weathered rubble
17.37	20.42								strongly weathered rubble
20.42	23.47		40.00	0.34	0.00	1.00	2R	3W	
23.47	26.52		4.00	0.02	0.00	1.00	2R	3W	
26.52	29.57								
29.57	32.11								
32.11	35.66		55.00	0.59	0.00	1.00	2R	3W	
35.66	38.71		20.00	0.10	0.00	1.00	2R	3W	
38.71	41.76		35.00	0.39	0.00	1.00	2R	3W	
41.76	44.81		40.00	0.60	0.00	1.00	2R	2W	
44.81	47.85								gouge rocks
47.85	50.90		20.00	0.82	0.00	1.00	2R	3W	
50.90	53.95								full of gouge
53.95	57.00		45.00	0.20	0.00	1.00	2R	3W	
57.00	60.50		35.00	0.34	0.00	1.00	2R	4W	
60.50	63.09		40.00	0.18	0.00	1.00	2R	3W	
63.09	66.14		30.00	0.55	25.00	1.00	2R	4W	
66.14	69.19		45.00	0.38	0.00	1.00	2R	2W	
69.19	72.24		40.00	0.08	68.00	1.00	2R	4W	
72.24	75.29		30.00	0.32	50.00	1.00	2R	4W	
75.29	78.33		60.00	0.13	0.00	2.00	2R	1W	
78.33	81.38		25.00	0.09	1.00	1.00	3R	2W	
81.38	84.43		50.00	0.37	0.00	1.00	2R	1W	
			70.00	0.14	0.00	1.00	2R	1W	
84.43	87.48		60.00	0.15	0.00	1.00	2R	1W	
87.48	90.53		65.00	1.43	0.00	2.00	2R	1W	
90.53	93.57		60.00	0.13	0.00	1.00	3R	1W	
			60.00	0.21	0.00	1.00	2R	3W	oriented 90 degrees off from previous set
93.57	96.62		45.00	0.04	0.00	2.00	3R	1W	
96.62	99.67								competent, no coherent sets
99.67	102.72		55.00	0.11	0.00	1.00	2R	1W	
102.72	105.77		60.00	0.19	0.00	2.00	2R	2W	

KLAZA

			70.00	0.14	0.00	2.00	3R	2W	
105.77	108.81		25.00	0.50	3.00	1.00	2R	2W	rubbly run
108.81	111.86								
111.86	114.91								
114.91	117.96		35.00	0.15	0.00	1.00	2R	2W	joint set shallows uphole, from 45 degrees to 25 degrees. Spacing increases from 2 to 22cm in proportion to shallowing.
117.96	121.01								competent, but random fractures only
121.01	124.05		60.00	0.22	0.00	1.00	2R	1W	
			45.00	0.19	0.00	2.00	2R	2W	
124.05	127.10		50.00						
			35.00						
127.10	130.15		45.00						
130.15	133.20		40.00						
			45.00						
133.20	136.25								rubbly run, evidence of directional motion (groove marks) on some fracture faces.
136.25	139.29								weak, rubbly run
139.29	142.34								weak, rubbly run
142.34	145.39								weak, rubbly run
145.39	148.44								weak, rubbly run
148.44	151.49		45.00	0.73	0.00	1.00	2R	2W	
151.49	154.53								some gouge, no fracture, rubble
154.53	157.58		55.00	0.25	0.00	2.00	3R	2W	
157.58	160.63		45.00	0.18	0.00	1.00	2R	1W	
			30.00	0.52	0.00	1.00	2R	2W	
160.63	163.68								
163.68	166.73		55.00	4.18	16.00	1.00	2R	3W	
			40.00	0.74	0.00	1.00	2R	1W	
166.73	169.77		70.00	0.49	0.00	1.00	2R	2W	
			50.00	0.22	0.00	1.00	2R	1W	
169.77	172.82		35.00	0.32	0.00	1.00	2R	1W	
172.82	175.87		55.00	0.08	0.00	1.00	3R	1W	set borders 1.5m+ of very clay altered, soft rock
175.87	178.92								no sets, vein zone, Si flooded
178.92	181.97								same as above with clay alteration
181.97	185.01								same as above with lots of rubble
185.01	188.06		80.00	0.05	0.00	2.00	3R	2W	
188.06	191.11		60.00	0.10	0.00	1.00	2R	1W	
191.11	194.16		45.00	0.27	1.00	1.00	2R	2W	
			45.00	0.27	0.00	1.00	2R	1W	
			85.00	0.10	0.00	1.00	2R	2W	
194.16	197.21		35.00	0.42	0.00	1.00	2R	2W	
197.21	200.25		30.00	0.06	0.00	1.00	2R	2W	
200.25	203.30								
203.30	206.35								
206.35	209.40		50.00	0.20	0.00	3.00	3R	3W	
209.40	212.45		65.00	0.06	0.00	1.00	2R	2W	
212.45	215.49		30.00	0.20	0.00	1.00	2R	2W	
215.49	218.54		65.00	0.08	0.00	3.00	2R	2W	

KLAZA

218.54	221.59		45.00	0.09	0.00	1.00	2R	2W		
221.59	224.64									
224.64	227.69		40.00	0.41	0.00	1.00	2R	2W		
227.69	230.73									
230.73	233.78		40.00	0.30	0.00	1.00	2R	2W		
233.78	236.83		65.00	0.05	0.00	1.00	2R	2W		
236.83	239.88		50.00	0.18	0.00	1.00	2R	1W		
239.88	242.93		40.00	0.28	0.00	1.00	2R	2W		
			35.00	0.55	0.00	1.00	2R	1W		

KLAZA

Hole: DDH-KL-12-71 Date: June 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		OVB
3.00		OVB
4.00		OVB
5.00		OVB
6.00	1.56	
7.00	1.49	
8.00	8.33	
9.00	8.08	
10.00	14.60	
11.00	6.78	
12.00	4.20	
13.00	6.73	
14.00	10.10	
15.00	3.71	
16.00	2.94	
17.00	8.13	
18.00	9.81	
19.00	1.36	
20.00	1.96	
21.00	5.14	
22.00	7.27	
23.00	11.30	
24.00	5.02	
25.00	4.56	
26.00	5.77	
27.00	2.62	
28.00	4.08	
29.00	4.46	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	4.60	
31.00	1.99	
32.00	0.57	
33.00	2.80	
34.00	3.74	
35.00	3.41	
36.00	5.70	
37.00	2.75	
38.00	5.84	
39.00	2.73	
40.00	3.66	
41.00	3.12	
42.00	4.85	
43.00	12.70	
44.00	3.24	
45.00	4.73	
46.00	3.52	
47.00	3.34	
48.00	2.80	
49.00	5.14	
50.00	4.23	
51.00	3.36	
52.00	1.51	
53.00	4.01	
54.00	3.22	
55.00	0.75	
56.00	6.18	
57.00	5.04	
58.00	8.13	
59.00	5.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.65	
61.00	2.15	
62.00	3.78	
63.00	4.50	
64.00	4.93	
65.00	7.49	
66.00	3.47	
67.00	1.93	
68.00	3.41	
69.00	3.86	
70.00	3.20	
71.00	1.57	
72.00	1.09	
73.00	3.71	
74.00	3.52	
75.00	4.08	
76.00	2.72	
77.00	1.78	
78.00	3.59	
79.00	18.70	
80.00	20.00	
81.00	28.00	
82.00	10.90	
83.00	25.20	
84.00	2.97	
85.00	41.60	
86.00	31.50	
87.00	30.00	
88.00	19.70	
89.00	1.47	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	6.48	
91.00	2.16	
92.00	4.55	
93.00	3.81	
94.00	3.72	
95.00	7.49	
96.00	5.42	
97.00	3.76	
98.00	4.76	
99.00	2.80	
100.00	2.85	
101.00	2.62	
102.00	4.08	
103.00	5.54	
104.00	7.52	
105.00	4.70	
106.00	3.71	
107.00	1.10	
108.00	1.34	
109.00	19.70	
110.00	6.03	
111.00	17.60	
112.00	2.38	
113.00	5.12	
114.00	26.50	
115.00	0.62	
116.00	3.09	
117.00	9.20	
118.00	3.10	
119.00	29.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	9.87	
121.00	7.96	
122.00	3.42	
123.00	3.81	
124.00	6.70	
125.00	45.30	
126.00	42.90	
127.00	7.62	
128.00	6.77	
129.00	22.90	
130.00	40.00	
131.00	46.00	
132.00	3.83	
133.00	5.69	
134.00	5.07	
135.00	3.59	
136.00	3.42	
137.00	3.37	
138.00	2.73	
139.00	3.44	
140.00	3.32	
141.00	2.60	
142.00	1.26	
143.00	1.69	
144.00	2.03	
145.00	2.53	
146.00	2.48	
147.00	3.30	
148.00	1.20	
149.00	3.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	2.33	
151.00	1.44	
152.00	0.13	
153.00	2.50	
154.00	2.70	
155.00	1.94	
156.00	2.03	
157.00	1.68	
158.00	1.68	
159.00	1.99	
160.00	2.62	
161.00	3.86	
162.00	1.09	
163.00	1.52	
164.00	1.56	
165.00	2.31	
166.00	2.25	
167.00	2.43	
168.00	5.88	
169.00	3.07	
170.00	3.62	
171.00	5.67	
172.00	4.67	
173.00	1.78	
174.00	1.05	
175.00	1.26	
176.00	0.78	
177.00	0.84	
178.00	1.42	
179.00	1.76	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.42	
181.00	2.78	
182.00	2.03	
183.00	1.91	
184.00	1.42	
185.00	1.91	
186.00	1.24	
187.00	0.89	
188.00	1.36	
189.00	1.42	
190.00	1.44	
191.00	2.50	
192.00	3.07	
193.00	1.59	
194.00	1.91	
195.00	2.85	
196.00	1.89	
197.00	0.97	
198.00	1.14	
199.00	1.26	
200.00	1.02	
201.00	1.15	
202.00	3.14	
203.00	5.91	
204.00	5.15	
205.00	2.35	
206.00	1.69	
207.00	1.96	
208.00	3.64	
209.00	3.42	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	2.63	
211.00	3.57	
212.00	2.01	
213.00	42.43	
214.00	6.18	
215.00	3.81	
216.00	42.50	
217.00	24.90	
218.00	15.00	
219.00	3.86	
220.00	7.56	
221.00	3.09	
222.00	40.10	
223.00	1.74	
224.00	3.37	
225.00	3.81	
226.00	1.54	
227.00	38.40	
228.00	29.40	
229.00	2.60	
230.00	7.19	
231.00	46.20	
232.00	2.94	
233.00	1.26	
234.00	41.50	
235.00	5.40	
236.00	49.30	
237.00	12.20	
238.00	31.30	
239.00	48.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	34.00	
241.00	10.40	
242.00	35.30	EOH

KLAZA

Hole: **DDH-KL-12-71** **Date:**

Box #	From (m)	To (m)
1	0.00	4.47
2	4.47	7.65
3	7.65	11.40
4	11.40	14.39
5	14.39	17.37
6	17.37	20.11
7	20.11	23.47
8	23.47	27.20
9	27.20	3.73
10	3.73	35.11
11	35.11	38.71
12	38.71	42.64
13	42.64	50.00
14	50.00	12.00
15	12.00	53.80
16	53.80	57.45
17	57.45	60.89
18	60.89	64.91
19	64.91	68.19
20	68.19	72.09
21	72.09	75.59
22	75.59	79.35
23	79.35	83.66
24	83.66	87.48
25	87.48	91.32
26	91.32	95.11
27	95.11	98.69
28	98.69	102.72
29	102.72	106.39

KLAZA

30	106.39	109.96
31	109.96	113.67
32	113.67	117.53
33	117.53	121.71
34	121.71	125.77
35	125.77	129.41
36	129.41	133.23
37	133.23	136.50
38	136.50	140.05
39	140.05	143.40
40	143.40	147.04
41	147.04	151.00
42	151.00	154.69
43	154.69	158.87
44	158.87	163.20
45	163.20	167.43
46	167.43	171.47
47	171.47	175.64
48	175.64	179.17
49	179.17	182.37
50	182.37	185.26
51	185.26	188.45
52	188.45	192.07
53	192.07	196.32
54	196.32	199.79
55	199.79	203.30
56	203.30	207.48
57	207.48	211.41
58	211.41	215.41
59	215.41	218.54
60	218.54	221.91
61	221.91	224.94
62	224.94	228.43
63	228.43	231.51
64	231.51	235.70
65	235.70	239.77
66	239.77	242.93

KLAZA

		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			381618.21	6890049.4	1275.419	249.02

ZONE: BRX

SECTION:

HOLE: KL-12-72

CLAIM: YC37984

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: 2.13 (m) in / **out**

Drilling dates: June 26 - 28

Geology logged by: Noah Phillips and Xena Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.13	2.13	OVB	Overburden.
2.13	178.58	176.45	GRD	Unmineralized granodiorite. Mainly unaltered but local phyllic and argillic alteration exist. Oxidized in fractures near surface.
178.58	204.40	25.82	GRD	Mineralized granodiorite. Most of the interval is phyllic altered. Large quartz veins carry most of the mineralization: massive pyrite and arsenopyrite and minor sphalerite, hematite, and galena are also found.
204.40	206.86	2.46	FEL	Light green at the top to dark purple at the bottom, quartz feldspar porphyry.
206.86	220.50	13.64	GRD	Highly mineralized, faulted and phyllic altered granodiorite.
220.50	249.02	28.52	GRD	Unaltered, relatively unmineralized granodiorite with small intervals of phyllic, potassic and argillic alteration.

SAMPLES

Numbers: N829735 - N829750, N829801 - N829854

Total: 70

Batch: 72-1, 72-2

Date Sent:

Certificate:

COMMENTS

EOH @ 249.02 m

KLAZA

Hole: KL-12-72 **Logger Name:** Noah Phillips and Xena Montague **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	2.13	2.13					OVB														Overburden.
2.13	178.58	176.45				mKgW	GRD	MG	LT	GY		2I				0.50	0.05	Li	4.00		Granodiorite. Locally altered. Oxidized in fractures near surface. Alteration zones broken out. Becomes slightly more mineralized downhole, but mineralization is always none to weak and mainly consists of pyrite around locally phyllic altered quartz veinlets.
			6.10	8.00	1.90	mKgW	GRD	MG	LT	GY	GR	4I		ARG	2I			Li	30		Strong, pervasively oxidized granodiorite with weak argillic alteration.
									LT	GN											
			24.00	26.40	2.40	mKgW	GRD	MG	MD	OR		4I		ARG	2I			Li	30		Strong, pervasively oxidized granodiorite with weak argillic alteration with one 60°carbonate veinlet.
									MD	BN											
			28.70	36.38	7.68	mKgW	GRD	MG	MD	OR		4I		ARG	2I			Li	30		Strong, pervasively oxidized granodiorite with weak argillic alteration with one 60°carbonate veinlet.
									MD	BN											
			36.38	43.30	6.92	mKgW	GRD	MG	LT	GY	GR	2I						Li	15		Unaltered granodiorite.
			43.30	46.37	3.07	mKgW	GRD	MG	LT	GY	PA	4I		PHC	2I			Li	15		Weakly to modeate argillic and localized phyllic altered granodiorite.
									LT	OR				ARG	3I						
			46.37	49.25	2.88	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			49.25	56.30	7.05	mKgW	GRD	MG	MD	OR	PA	3I		PHC	3I			Li	15		Patchy argillic and phyllic alteration halos, patchy oxidation staining.
									LT	GY				ARG	3I						
			56.30	56.78	0.48	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			56.78	57.50	0.72	mKgW	GRD	MG	LT	OR		3I		ARG	3I						Moderate argillic altered granodiorite.
										WH											
			57.50	61.00	3.50	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			61.00	61.80	0.80	mKgW	GRD	MG	LT	GR		2I		ARG	2I	<1					Weak argillic altered granodiorite with trace disseminated pyrite.
										OR				PHC	2I						
			61.80	64.25	2.45	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			64.25	64.78	0.53	mKgW	GRD	MG	LT	GY		2I		PHC	2I						Weakly phyllic and argillic altered granodiorite with trace disseminated pyrite.
										OR				ARG	2I						
			64.78	90.06	25.28	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			90.06	90.65	0.59	mKgW	GRD	MG	LT	GN	EN			PHC	3I	4.00					Moderately phyllic altered granodiorite enveloping a quartz vein (see secondary structure log).
			90.65	111.87	21.22	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			111.87	125.57	13.70	mKgW	GRD	MG	LT	GR	PA			PHC	2I						Patchy phyllic and argillic altered granodioriteenveloping quartz, chalcedony, and carbonnate veins, hosting pyrite.
									LT	GY				ARG	3I						
			125.57	129.60	4.03	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			129.60	130.33	0.73	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Moderately phyllic altered granodiorite.
									LT	GY				ARG	2I						
			130.33	133.50	3.17	mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
			133.50	136.13	2.63	mKgW	GRD	MG	LT	GR				PHC	2I						Light green, weakly phyllic altered granodiorite. Highly faulted.
			136.13	144.35	8.22	mKgW	GRD	MG	LT	GY				PHC	1I						Relatively unaltered granodiorite. Two phyllic envelopes around quartz and magnetite veins exist (see secondary structures).
									LT	GN											
			144.35	150.43	6.08	mKgW	GRD	MG	LT	GY				ARG	3I						Patchy moderately argillic altered granodiorite with phyllic altered patches.
										PK				PHC	2I						
			150.43	156.01	5.58	mKgW	GRD	MG	LT	GN	EN			PHC	2I	2.00					Relatively unaltered granodiorite. Light green phyllic alteration occurs as envelopes around quartz veinlets generally 5cm to either side of the veinlet. Quartz veinlets occur at a low density (see secondary structure).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			156.01	158.07	2.06	mKgW	GRD	MG	LT	GN				PHC	3I	2.00					Moderate pervasive phyllic alteration with weak argillic alteration at the top of the interval. Weak pyrite is associated with veinlets.
														ARG	1I						
			158.07	169.43	11.36	mKgW	GRD	MG	LT	GY				PHC	2I	0.50	0.50				Relatively unaltered granodiorite. Small intervals (<8cm) of phyllic alteration envelopes veinlets. Trace pyrite and arsenopyrite are seen within the alteration halos.
									LT	GN											
			169.43	170.08	0.65	mKgW	GRD	MG	LT	GN				PHC	3I						Granodiorite with pervasive phyllic alteration.
			170.08	171.42	1.34	mKgW	GRD	MG	LT	PK				ARG	3I						Argillic altered granodiorite overprinted by light green phyllic alteration. Interval is light pink to green.
									LT	GN				PHC	3I						
			171.42	171.74	0.32	mKgW	GRD	MG	DK	GN				PRO	4I	1.00					Intensely propyllitic altered granodiorite. Dark green in colour with trace blebs of pyrite.
			171.74	178.58	6.84	mKgW	GRD	MG						PHC	3I	1.00					Argillic altered granodiorite overprinted by light green phyllic alteration. Interval contains trace pyrite, mainly associated with veinlets.
														ARG	3I						
178.58	204.40	25.82				mKgW	GRD	MG	LT	GY				PHC	3I						Moderately to highly mineralized granodiorite. Most of the interval is phyllic altered with small intervals of argilli and propyllitic alteration. Several large quartz veins exist carrying much of the mineralization which consists of massive pyrite and arsenopyrite enveloping the veins. Minor sphalerite hematite and galena are also found associated with the veins.
									LT	GN				PRO	2I						
			178.58	180.00	1.42	mKgW	GRD	MG	LT	GN				PHC	4I	7.00	10	Sp	4.00		Intensely phyllic altered and mineralized granodiorite. Unit is dominated by 2 quarts veins, one containing massive pyrite on either side of the 5cm vein (178.65-178.85m) and one with 5cm of massive arsenopyrite
			180.00	181.36	1.36	mKgW	GRD	MG	LT	GN				PHC	4I	3.00	1.00				Same as above but with much less mineralization. Light green intensely phyllic altered granodiorite with blebby pyrite and trace disseminated arsenopyrite are seen in the interval.
			181.36	182.45	1.09	mKgW	GRD	MG	LT	GY				PRO	2I	2.00	1.00				Weakly propyllitic altered granodiorite. Interval is dark green in colour and trace to weak arsenopyrite and pyrite are seen, mainly around quartz veinlets.
									LT	GN											
			182.45	183.28	0.83	mKgW	GRD	MG	LT	GY				PHC	3I	1.00					Moderately phyllic altered granodiorite.
									LT	GN											
			183.28	190.67	7.39	mKgW	GRD	MG	LT	PN				ARG	3I	0.50					Interval alternates between argillic alteration overprinted by phyllic alteration and only phyllic altered granodiorite. Interval contains very few veinlets and the only mineralization is sparce blebby pyrite.
									LT	GN				PHC	3I						
									MD	GN											
			190.67	195.56	4.89	mKgW	GRD	MG	DK	GY				PRO	3I	0.30					Propyllitic altered granodiorite with medium sized (20cm) intervals of argillic altered granodiorite accounts for ~15% of the intterval. The majority of the interval is a propyllitic altered , dark green to dark grey granodiorite. Interval contains trace disseminated pyrite.
									DK	GN				ARG	2I						
			195.56	199.85	4.29	mKgW	GRD	MG	LT	GN				PHC	3I						Light green, phyllic altered granoodiorite. No visible mineralization.
			199.85	204.40	4.55	mKgW	GRD	MG	LT	GN				PHC	3I	12	6.00	He	3.00		Light green to medium grey, moderately faulted, highly mineralized granodiorite with several large (~5cm wide) quartz veins. Hematite is associated with a quartz fracture close to the top (see secondary structure log). Pyrite occurs disseminated through the interval and envelopes the largequartz veins and arsenopyrite is massive and associated with the dark black sulphide rich gouge. Minor galena is also seen in the gouge.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									MD	GY								Gn	3.00		
204.40	206.86	2.46	204.40	206.86	2.46	LKqP	FEL	FG	LT	GN						3.00					Light green at the top to dark purple at the bottom, quartz feldspar porphyry. Small intervals of faulted granodiorite exist within the dyke (total ~70cm) and contains fair pyrite mineralization.
									DK	GY											
206.86	220.50	13.64																			Highly mineralized, faulted and phyllic altered granodiorite.
			206.86	209.95	3.09	mKgW	GRD	MG	LT	GN				PHC	3I	####	4.00	Gn	2.00		Highly faulted and phyllic altered granodiorite. Mineralization consists of strong to intense fine grained, euhedral pyrite disseminated through the interval. Moderate galena, arsenopyrite and hematite are associated with the dark, very fine grained sulphide rich gouge.
									DK	GY								He	3.00		
			209.95	220.50	10.55	mKgW	GRD	MG	LT	GN				PHC	3I	5.00		He	2.00		Phyllic altered light green to light grey granodiorite with minor faulting. Moderate disseminated fine grained pyrite and weak hematite are found in the interval. One section between 219.58 and 219.88m contains a light orange alteration mineral (very soft, fine grained, clay altered???, no rxn to acid) which occupies about 60% of that sub-section. Part of the phyllic alteration???
									LT	OR											
220.50	249.02	28.52				mKgW	GRD	MG						PHC	1I	0.50	0.01				Unaltered granodiorite with small intervals of phyllic, potassic and argillic alteration. Little mineralization is seen and mainly consists of trace pyrite associated with alteration envelopes around quartz veinlets.
														POT	1I						
			220.50	223.98	3.48	mKgW	GRD	MG	LT	GN				PHC	2I						Relatively unaltered granodiorite. Phyllic alteration is found enveloping quartz veinlets.
									MD	GY											
			223.98	224.50	0.52	mKgW	GRD	MG	LT	PK				ARG	4I	2.00	0.30				Argillic altered granodiorite overprinted by moderate potassic alteration.
										WH				POT	3I						
			224.50	244.68	20.18	mKgW	GRD	MG	LT	GY				PHC	1I	1.00					Relatively unaltered granodiorite with light green phyllic alteration found enveloping quartz veinlets. Interval is relatively unmineralized though trace pyrite can be found in the alteration halos around veinlets.
									LT	GN											
									MD	GY											
			244.68	246.45	1.77	mKgW	GRD	MG	LT	PK				ARG	4I						Argillic altered granodiorite overprinted by moderate potassic alteration. Local phyllic alteration occurs enveloping quartz veinlets.
										WH				POT	3I						
														PHC	1I						
			246.45	249.02	2.57	mKgW	GRD	MG	MD	GY				PHC	1I						Unaltered granodiorite with trace phyllic alteration enveloping rare, unmineralized quartz veinlets.
			249.02																		**EOH**

KLAZA

Hole: KL-12-72 **Logger Name: Noah Phillips and Xena Montague**

Depth (m)		DESCRIPTION
204.40		Upper contact between faulted granodiorite and felsic quartz feldspar porphyry dyke. Contact is oriented at 66° to core axis, is stepped, and is sharp.
206.86		Lower contact between quartz feldspar porphyry and faulted granodiorite. Contact is sharp and is oriented at 60° to core axis.

KLAZA

Hole: KL-12-72 **Logger Name:** Noah Phillips and Xena Mor **Date:** July 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
FT	30.72	31.08	0.36	90.00		1.00	Li		Clay altered, brecciated fault. Matrix is grey/orange (oxidized) clay, clasts are phyllic altered granodiorite.	
GO										
GO	32.90	32.93	0.03	45.00		1.00	Go	10.00	Goethite/ limonite stained, gougy fault.	
							Li	15.00		
FT	33.70	33.92	0.22	30.00		1.00	-		Limonite stained, faulted, phyllic altered granodiorite. Strongly oxidized.	
VN	35.21	35.22	0.01	65.00		1.00	Ca	100	Calcite veinlet.	
FT	36.14	36.31	0.17	45.00		1.00	Go	10.00	Goethite/ limonite stained fault, very gouge rich, strongly oxidized.	
							Li	15.00		
VT	45.85	45.86	0.01	65.00		1.00	Ca		Calcite veinlet.	
VN	52.52	52.55	0.03	60.00		1.00	Py	7.00	Vuggy, translucent white quatz vein hosting blebby pyrite.	
FT	52.75	52.88	0.13	65.00		1.00	He		Faulted granodiorite stained with goethite, limonite and hematite.	
							Li			
							Go			
VT	75.13	75.14	0.01	60.00		1.00			Crustiform, translucent, grey quartz, offwhite chalcedony infilled calcite vein; no mineralization. 10cm phyllic envelope.	
VN	77.57	77.58	0.01	70.00		1.00	He	5.00	Same as 75.13-75.14m except smoky quartz has hematite veinlets.	
VN	78.87	78.89	0.02	45.00		1.00	Mg		Smoky quartz vein with manganese vein, some oxidized to hematite. Calcite infilled with quartz, 42cm phyllic altered envelope.	
							He			
VT	83.73	83.75	0.02	40.00		1.00	Mg		Smoky quartz vein with manganese and hematite.	
							He			
VN	90.25	90.32	0.07	45.00		1.00	Py		Translucent white and colourless quartz hosting blebby pyrite zoned smoky quartz. Ankerite veinlets and calcite veinlet.	
VN	113.70	113.73	0.03	70.00		1.00	Py	4.00	Dark grey, opaque quartz?. Zoned crystals hosting blebby pyrite.	
FT	115.40	115.48	0.08	65.00		1.00	-		Faulted granodiorite with strong argillic altered clasts. Matrix is white to grey gouge.	
VT	118.25	118.45	0.20	55.00		2.00	Py		Three <1cm smoky quartz veinlets, one with blebby arsenopyrite (tophole of the three).	
							As			
VN	118.72	118.74	0.02	75.00		1.00	Sp	95.00	Massive mineralized vein. Majority is zoned blackjack sphalerite with interstitial galena and some minor blebs of pyrite.	
							Gn	2.00		
							Py	2.00		
							Qz	1.00		
VN	119.78	119.81	0.03	75.00		1.00	Py	2.00	Smoky quartz vein with offwhite to pink chalcedony and ripped up white/smoky quartz in a brecciated texture.	
							As	1.00		
							Sp	<1		
							Gn	<1		
VN	124.59	124.63	0.04	70.00		1.00	Py	7.00	Translucent quartz vein hosting blebby pyrite.	
VT	124.90	125.05	0.15	70.00		3.00	Py	2.00	3 white translucent quartz veins with ankerite blebs and minor white-pink chalcedony hosting blebby pyrite and trace sphalerite.	
							Sp	<1		
FT	125.08	125.15	0.07	80.00		1.00	Py	2.00	Faulted vein? Hosts pyrite in blebs and crystals.	
VT	125.84	128.87	3.03	64.00		1.00	Py	1.50	0.1cm wide quartz veinlet weak pyrite in the selvedge and trace arsenopyrite hosted in the veinlet itself	
							As	0.50		
VT	126.14	126.23	0.09	23.00		2.00	Py	1.00	Two quartz veinlet ~3mm thick with trace pyrite in the alteration halos.	
VT	129.51	130.30	0.79	33.00		9.00	-		Nine parallel 0.1mm dark grey veinlets in phyllic altered rock. Veinlets contain trace fine grained pyrite, arsenopyrite and chalcedony disseminated in the veinlets.	
FLT	131.85	132.00	0.15	55.00		1.00	-		Minor highly clay and chlorite altered fault.	
VT	132.20	132.35	0.15	28.00		1.00	-		Calcite veinlet.	
FLT	132.70	132.70		25.00		1.00	Py	2.00	Highly clay and chlorite altered, o.5cm minor fault.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	134.80	134.93	0.13	21.00		1.00	Py	1.50	6cm wide quartz vein with minor calcite infilling along the edges. Clasts of wallrock (~3cm) are found within the vein. Trace disseminated pyrite is also found within the vein.	
VN	138.50	138.70	0.20	33.00		1.00	As	0.30	1cm wide quartz vein with weak pyrite and trace arsenopyrite (all fine grained) disseminated throughout the vein.	
VT	139.29	139.59	0.30	28.00		6.00	Py	0.50	Series of 6 veinlets (<1mm in width) with minor pyrite associated with the alteration halos around the veinlets.	
VT	141.35	141.37	0.02	60.00		2.00	-		2 small calcite veinlets oriented at 60° to core axisaround 0.1cm in width. No mineralization.	
FLT?	146.33	146.91	0.58	80.00		1.00	-		Small interval of fine grained, intensely clay and chlorite altered granodiorite. Small fault???	
VT	147.25	147.35	0.10	70 + 24		3.00	Py	4.00	Two sets of cross-cutting quartz-carbonate veinlets oriented at 70 and 24° to core axis. Interval contains fair, fine grained, euhedral pyrite disseminated within the alteration halo of the veinlets.	
FLT	148.00	148.89	0.89	40.00		1.00	-		Fault zone oriented at 40° to core axis. Fault core is at 148.44m and consists of highly clay altered, gougy rock. A vein parallel with the fault contains fine grained chlorite (+ minor epidote?). Interval is intensely clay altered and is highly chlorite altered.	
VT	150.50	154.76	4.26	67.00		4.00	-		Four quartz veinlets ~4mm thick and oriented at 67° to core axis.Phyllic alteration envelopes the veinlets to 3.5cm on either side.	
FLT	156.01	156.06	0.05	67.00		1.00	-		Small ~5cm wide minor fault.	
VT	156.50	156.70	0.20	33.00		6.00	Py	0.50	Six dark grey veinlets (0.5-2mm thick) containing trace pyrite.	
VT	157.90	158.00	0.10	39.00		1.00	Py	1.00	0.6cmdark grey veinlet with chlorite containing trace disseminated sulphides.	
VT	161.92	168.00	6.08	66.00		14.00	Py	1.00	0.1-0.3cm quartz veinlets with phyllic alteration halos.	
VT	172.00	177.00	5.00	60.00		16.00	Py	0.30	Numerous quartz veinlets oriented at 60° to core axis. Widths range from <1mm - 4mm. Minor pyrite is is disseminated in the alteration halos.	
VN	177.24	177.25	0.01	75.00		1.00	Py	1.00	One 2cm quartz vein oriented at 75° to core axis. Minor pyrite is found as blebs within the vein.	
FLT	178.39	178.42	0.03	60.00		1.00	-		Gougy, clay altered,~3cm thick sub-section. Minor fault???	
VN	178.66	178.86	0.20	50.00		1.00	Py	18.00	Large, highly mineralized quartz vein with a crustiform texture. Vein contains bands of pyrite, arsenopyrite, chalcedony and some hematite. Vein has a large alteration halo containing disseminated mineralization (mainly pyrite).	
							He	3.00		
							As	5.00		
VN	179.17	179.44	0.27	60.00		1.00	He	5.00	Large, massive vein oriented at 60° to core axis. Vein contains about 5cm of massive arsenopyrite, 2cm of combed quartz, some crustiform chalcedony, short 1cm sections of massive pyrite with minor hematite associated with the pyrite. A vuggy section of chalk white quartz occurs at the top of the vein.	
							As	30.00		
							Py	15.00		
FLT	180.50	180.94	0.44	26.00		1.00	Py	2.00	Large gougy fault with contacts oriented at 26° to core axis. Contains minor disseminated pyrite.	
VT	184.00	185.00	1.00	46.00		8.00	-		Series of very fine grained, small (<1mm) black veinlets. Unable to tell whether veinlets are very fine grained mineralizion or chlorite dominated (likely chlorite, has waxy feel to it).	
VT	185.00	195.00	10.00	37.00		30.00	-		Section of fine (0.1cm) calcite veinlets oriented at ~37° to core axis. Have a stepped appearance.	
FLT	194.55	194.70	0.15	29.00		1.00	-		Gougy, clay altered fault with contacts at 29° to core axis.	
VN	198.36	199.07	0.71	29.00		5.00	-		Series of thicker (0.3-2cm wide) calcite veins and veinlets.	
FLT	199.82	204.42	4.60	55.00		1.00	He	3.00	Large fault zone with abundant mineralization. Hematite is associated with a quartz vein within the fault (see below), pyrite is disseminated throughout and envelopes 2 large quartz veins (see 2 below) and arsenopyrite is associated with the black, sulphide rich, fine grained gouge.	
							As	6.00		
							Py	12.00		
							Gn	3.00		
VT	201.18	201.21	0.03	60.00		1.00	He	8.00	Quartz vein with abundant hematite. Hematite also exists within the alteration halo of the veinlet which extends 5cm to either side.	
VN	203.48	203.87	0.39	68.00		3.00	Py	10.00	Section with massive quartz veins ranging from 2-5cm in width. Veins are enveloped by bands of pyrite, arsenopyrite with dark black sulphide rich clay and hematite.	
							As	15.00		
							He	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FLT	206.86	209.95	3.09	60.00		1.00	Py	15.00	Faulted and highly mineralized section below the felsic dykeUpper contact with the dyke is at 60° and is sharp. Mineralization consists of strong to intense fine grained euhedral pyrite disseminated, and moderate arsenopyrite, galena and hematite associated with the fine grained black gouge.	
							As	4.00		
							Gn	2.00		
							He	3.00		
VN	210.50	210.70	0.20	15.00		1.00	Py	20.00	1cm vein at low angle to core axis filled with black, very fine grained sulphides and fine grained euhedral pyrite.	
VT	214.50	215.50	1.00	60.00		6.00	Py	80.00	6 pyrite dominated veinlets with minor quartz.	
							Qz	20.00		
FLT	215.75	218.62	2.87	60.00		3.00	Py	5.00	Fault zone with three moderate sized faults oriented. Faults contain disseminated fine grained pyrite, weak hematite and has ~6% sulphide rich, clack clay.	
							He	2.00		
VT	221.21	248.20	26.99	60.00		22.00	As	0.50	Quartz veinlets 1-3mm thick with phyllic alteration halos ~5cm to either side of the quartz veinlets which occur at a low density (1-3/m). These occasionally have euhedral crystals of pyrite or arsenopyrite within the alteration halos.	
							Py	1.00		
VT	245.44	245.87	0.43	60.00		10.00	He	2.00	Numerous ~2mm quartz veinlets and 1 vein occur in this interval of phyllic alteration. Minor hematite is seen in the veinlets.	
									EOH	

KLAZA

Hole: KL-12-72 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
22.3	11	5.2	592.3	369.7	GRD						2.535435	2.660827	Unaltered granodiorite.
35	10.1	5.2	540.4	337	GRD		ARG	2I	Li	15	2.519402	2.656834	Oxidized, weakly argillic altered, limonite stained granodiorite.
62.25	10	5.2	542.2	339.9	GRD						2.553071	2.680178	Unaltered granodiorite.
75.5	10.1	5.2	549.9	342.8	GRD						2.563692	2.655239	Unaltered granodiorite.
86.7	9.7	5.2	528.9	329.3	GRD						2.567469	2.6498	Unaltered granodiorite.
112.67	13.3	5.2	723.9	475.2	GRD		PHC	2I			2.562892	2.910736	Granodiorite with 2 veinlets ~1mm thick. Veinlets have a 1.5cm propyllitic alteration halo followed by 1.5cm of phyllic alteration. No visible mineralization.
							PRO	2I					
128.56	9.8	5.2	534.6	332.5	GRD		PHC	1I			2.568658	2.645225	Relatively unaltered granodiorite with trace phyllic alteration.
138.4	12.8	5.2	702.8	455.2	GRD		PHC	4I	Cp	0.1	2.585385	2.838449	Section of intense phyllic alteration containing a 1.5cm quartz vein with a large bleb of pyrite and a singular visible crystal of chalcopyrite.
									Py	1.5			
157.37	12.4	5.2	631.9	382.4	GRD		ARG	3I			2.399552	2.532665	Light pink, rough and coarse grained granodiorite. Strong argillic alteration. No visible mineralization.
178	11.25	5.2	582.8	351.9	GRD		ARG	3I			2.439329	2.524036	Argillic altered granodiorite overprinting phyllic alteration.
							PHC	3I					
188.35	10.6	5.2	548.6	330.0	GRD		ARG	3I			2.436988	2.509607	Argillic altered granodiorite with weak potassic alteration overprinting it.
							POT	1I					
206.07	6.3	5.2	327.9	201.1	FEL	PO					2.45078	2.585962	dark purple quartz feldspar porphyry (small as it's the largest sample I could take from it).
212.78	11.5	5.2	662.0	426.9	GRD		PHC	4I	Py	8	2.710588	2.815823	Strongly phyllic altered sample with strong pyrite mineralization disseminated throughout.
227.49	9.8	5.2	536.0	335.5	GRD						2.575385	2.673317	Unaltered, unmineralized granodiorite.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration Type	Alteration Intensity	Minerals Type	Minerals Conc. %	Density	Specific Gravity	DESCRIPTION
245.03	10.1	5.2	527.5	319.1	GRD		ARG	4I			2.45926	2.53119	Coarse grained, strongly argillic altered granodiorite with fair potassic overprinting.
							POT	2I					
													EOH

KLAZA

Hole: KL-12-72 **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
90.06	91.04	0.98	0.98	100	N829735	72-1				
111.89	113.30	1.41	1.35	95.7	N829736	72-1				
113.30	115.23	1.93	1.93	100	N829737	72-1				
115.23	116.17	0.94	0.82	87.2	N829738	72-1				
116.17	118.00	1.83	1.81	98.9	N829739	72-1				
-	-	-	-	-	N829740	72-1				STD-KL-2
118.00	119.00	1.00	0.96	96	N829741	72-1				
119.00	120.00	1.00	0.99	99	N829742	72-1				
120.00	123.00	3.00	2.72	90.7	N829743	72-1				
123.00	124.45	1.45	1.42	97.9	N829744	72-1				
124.45	125.46	1.01	1.01	100	N829745	72-1				
-	-	-	-	-	N829746	72-1				BLANK
125.46	126.60	1.14	1.14	100	N829747	72-1				
126.60	129.60	3.00	2.87	95.7	N829748	72-1				
129.60	130.40	0.80	0.80	100	N829749	72-1				
130.40	133.00	2.60	2.55	98.1	N829750	72-1				
133.00	134.13	1.13	1.12	99.1	N829801	72-1				
134.13	136.25	2.12	1.98	93.4	N829802	72-1				
-	-	-	-	-	N829803	72-1				BLANK
136.25	138.40	2.15	2.12	98.6	N829804	72-1				
138.40	139.61	1.21	1.17	96.7	N829805	72-1				
139.61	142.00	2.39	2.35	98.3	N829806	72-1				
142.00	145.00	3.00	2.91	97	N829807	72-1				
145.00	147.27	2.27	2.24	98.7	N829808	72-1				
145.00	147.27	2.27	2.24	98.7	N829809	72-1				COARSE DUPLICATE
147.27	150.00	2.73	2.68	98.2	N829810	72-1				
150.00	153.00	3.00	2.94	98	N829811	72-1				
153.00	156.00	3.00	2.84	94.7	N829812	72-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
156.00	158.00	2.00	2.00	100	N829813	72-1				
158.00	161.00	3.00	2.92	97.3	N829814	72-1				
161.00	164.00	3.00	2.90	96.7	N829815	72-1				
161.00	164.00	3.00	2.90	96.7	N829816	72-1				1/4 sample duplicate
164.00	167.00	3.00	2.92	97.3	N829817	72-1				
167.00	169.44	2.44	2.44	100	N829818	72-1				
-	-	-	-	-	N829819	72-1				KL-STD-3
169.44	171.41	1.97	1.97	100	N829820	72-1				
171.41	172.81	1.40	1.40	100	N829821	72-2				
172.81	175.54	2.73	2.04	74.7	N829822	72-2				
175.54	178.48	2.94	2.79	94.9	N829823	72-2				
178.48	179.81	1.33	1.23	92.5	N829824	72-2				
-	-	-	-	-	N829825	72-2				BLANK
179.81	181.33	1.52	1.42	93.4	N829826	72-2				
181.33	183.28	1.95	1.95	100	N829827	72-2				
183.28	185.75	2.47	2.38	96.4	N829828	72-2				
-	-	-	-	-	N829829	72-2				STD-KL-2
185.75	188.25	2.50	2.50	100	N829830	72-2				
188.25	190.00	1.75	1.70	97.1	N829831	72-2				
190.00	192.48	2.48	2.26	91.1	N829832	72-2				
192.48	195.00	2.52	2.41	95.6	N829833	72-2				
192.48	195.00	2.52	2.41	95.6	N829834	72-2				COARSE DUPLICATE
195.00	198.00	3.00	3.00	100	N829835	72-2				
198.00	199.80	1.80	1.73	96.1	N829836	72-2				
199.80	200.84	1.04	0.96	92.3	N829837	72-2				
-	-	-	-	-	N829838	72-2				STD-KL-1
200.84	202.19	1.35	1.23	91.1	N829839	72-2				
202.19	203.19	1.00	1.00	100	N829840	72-2				
203.19	204.40	1.21	1.12	92.6	N829841	72-2				
204.40	206.80	2.40	2.28	95	N829842	72-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
206.80	207.93	1.13	1.13	100	N829843	72-2				
207.93	210.00	2.07	2.07	100	N829844	72-2				
-	-	-	-	-	N829845	72-2				BLANK
210.00	211.00	1.00	0.93	93	N829846	72-2				
211.00	213.17	2.17	2.17	100	N829847	72-2				
213.17	215.71	2.54	2.54	100	N829848	72-2				
215.71	217.76	2.05	1.99	97.1	N829849	72-2				
217.76	218.87	1.11	1.11	100	N829850	72-2				
218.87	220.37	1.50	1.50	100	N829851	72-2				
218.87	220.37	1.50	1.50	100	N829852	72-2				
220.37	223.00	2.63	2.58	98.1	N829853	72-2				
223.00	226.00	3.00	2.98	99.3	N829854	72-2				
										EOH

KLAZA

Hole: KL-12-72 **Tech Name: Barry Penner** **Date: July 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	2.13	2.13	0.85	40	0.00	0		1	1S	2W	
2.13	5.18	3.05	2.79	91	0.65	21		2	1S	4W	
5.18	8.23	3.05	2.98	98	1.10	36		2	2S	3W	
8.23	11.28	3.05	2.96	97	0.90	30		2	2S	3W	
11.28	14.33	3.05	3.05	100	1.02	33		1	0S	4W	
14.33	17.37	3.04	2.95	97	1.00	33		2	2S	3W	
17.37	20.47	3.10	2.80	90	1.16	37		2	4S	3W	
20.47	23.47	3.00	3.05	102	1.71	57		2	2S	3W	
23.47	26.52	3.05	2.92	96	0.92	30		1	1S	4W	
26.52	29.57	3.05	3.00	98	0.47	15		2	2S	2W	
29.57	32.61	3.04	2.88	95	1.80	59		1	1S	4W	
32.61	35.66	3.05	2.87	94	2.03	67		1	1S	4W	
35.66	38.70	3.04	2.93	96	1.86	61		2	2S	4W	
38.70	41.76	3.06	2.81	92	1.94	63		2	4S	3W	
41.76	44.80	3.04	2.82	93	1.36	45		1	1S	4W	
44.80	47.85	3.05	2.78	91	1.41	46		1	1S	4W	
47.85	50.90	3.05	2.80	92	1.75	57		1	1S	4W	
50.90	53.95	3.05	2.89	95	1.73	57		1	2S	4W	
53.95	57.00	3.05	3.00	98	2.16	71		2	1S	3W	
57.00	59.44	2.44	2.25	92	0.22	9		1	2S	3W	
59.44	62.48	3.04	2.87	94	1.42	47		1	4S	3W	
62.48	63.09	0.61	0.65	107	0.20	33		2	3S	3W	
63.09	66.14	3.05	2.74	90	1.39	46		2	2S	2W	
66.14	68.54	2.40	2.32	97	1.06	44		1	1S	1W	
68.54	70.71	2.17	2.23	103	0.00	0		1	1S	1W	
70.71	72.24	1.53	1.55	101	1.36	89		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	2.96	97	0.70	23		2	4S	2W	
75.29	78.33	3.04	2.98	98	2.34	77		2	3S	1W	
78.33	81.38	3.05	2.84	93	1.66	54		2	4S	1W	
81.38	84.43	3.05	2.91	95	2.19	72		2	1S	2W	
84.43	87.48	3.05	2.90	95	2.42	79		2	3S	1W	
87.48	90.53	3.05	2.84	93	2.41	79		2	5S	2W	
90.53	93.57	3.04	2.90	95	2.06	68		2	5S	2W	
93.57	96.62	3.05	3.06	100	1.97	65		2	5S	2W	
96.62	99.67	3.05	2.89	95	2.14	70		2	5S	2W	
99.67	102.72	3.05	2.87	94	2.48	81		2	5S	2W	
102.72	105.77	3.05	2.83	93	2.10	69		2	5S	2W	
105.77	108.81	3.04	3.00	99	2.08	68		2	5S	2W	
108.81	111.86	3.05	3.03	99	2.00	66		2	5S	2W	
111.86	114.91	3.05	2.94	96	1.55	51		1	3S	3W	
114.91	117.96	3.05	3.00	98	1.74	57		1	2S	2W	
117.96	121.01	3.05	2.96	97	1.86	61		1	4S	2W	
121.01	124.05	3.04	2.95	97	2.28	75		1	2S	2W	
124.05	127.10	3.05	3.01	99	2.44	80		1	2S	1W	
127.10	130.15	3.05	2.88	94	1.99	65		1	2S	2W	
130.15	133.20	3.05	2.86	94	1.62	53		2	2S	2W	
133.20	136.25	3.05	2.85	93	1.16	38		1	2S	3W	
136.25	139.29	3.04	2.81	92	1.76	58		2	4S	2W	
139.29	142.34	3.05	2.93	96	1.61	53		1	4S	2W	
142.34	145.39	3.05	2.39	78	2.31	76		2	5S	2W	
145.39	148.44	3.05	2.99	98	2.00	66		1	1S	3W	
148.44	151.49	3.05	2.88	94	2.19	72		1	1S	2W	
151.49	154.53	3.04	2.93	96	2.03	67		2	5S	1W	
154.53	157.58	3.05	3.02	99	1.90	62		1	5S	1W	
157.58	160.63	3.05	3.00	98	1.44	47		1	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	2.95	97	2.24	73		2	5S	2W	
163.68	166.73	3.05	2.95	97	2.47	81		2		2W	
166.73	169.77	3.04	2.96	97	2.33	77		2		2W	
169.77	172.82	3.05	3.05	100	1.43	47		2		2W	
172.82	175.26	2.44	2.98	122	1.45	59		2		2W	
175.26	175.87	0.61	0.44	72	0.28	46		1		2W	
175.87	178.31	2.44	2.52	103	1.76	72		1		2W	
178.31	178.92	0.61	0.52	85	0.34	56		1		2W	
178.92	181.36	2.44	2.36	97	1.79	73		2		2W	
181.36	181.97	0.61	0.58	95	0.58	95		1		2W	
181.97	185.01	3.04	3.04	100	1.89	62		1		2W	
185.01	188.06	3.05	3.00	98	1.46	48		2		2W	
188.06	191.11	3.05	2.38	78	1.22	40		2		2W	
191.11	193.55	2.44	2.61	107	1.43	59		2		2W	
193.55	194.16	0.61	0.57	93	0.20	33		2		2W	
194.16	197.21	3.05	2.98	98	1.96	64		2		2W	
197.21	200.25	3.04	2.99	98	2.39	79		1		2W	
200.25	203.30	3.05	2.99	98	1.12	37		1		1W	
203.30	206.35	3.05	3.05	100	1.06	35		1		1W	
206.35	209.40	3.05	3.01	99	1.37	45		1		1W	
209.40	212.45	3.05	2.81	92	1.18	39		1		1W	
212.45	215.49	3.04	3.04	100	1.99	65		2		1W	
215.49	218.54	3.05	2.97	97	1.00	33		1		1W	
218.54	221.59	3.05	3.05	100	2.06	68		2		1W	
221.59	224.64	3.05	3.04	100	2.83	93		2		1W	
224.64	227.69	3.05	3	98	2.92	96		2		1W	
227.69	230.73	3.04	3.04	100	2.81	92		2		1W	
230.73	233.78	3.05	3.05	100	3.02	99		2		1W	
233.78	236.83	3.05	3.05	100	2.93	96		2		1W	
236.83	239.88	3.05	3.01	99	2.83	93		2		1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
239.88	242.93	3.05	3.03	99	3.02	99		2		1W	
242.93	245.97	3.04	3.02	99	2.31	76		2		1W	
245.97	249.02	3.05	2.93	96	2.67	88		2		1W	EOH

KLAZA

Hole: KL-12-72 **Tech Name:** Barry Penner **Date:** July 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	2.13	2.13							top of hole is muddy material
2.13	5.18	3.05							top of hole is muddy material
5.18	8.23	3.05	58.00	0.08	0.00	1.00	2R	2W	
			50.00	0.19	0.00	1.00	2R	4W	
8.23	11.28	3.05	60.00	0.06	0.00	1.00	2R	3W	
11.28	14.33	3.05	6.00	0.03	0.00	1.00	2R	3W	
14.33	17.37	3.04	45.00	0.34	0.00	1.00	2R	3W	
17.37	20.42	3.05	38.00	0.10	0.00	2.00	2R	2W	
20.42	23.47	3.05	35.00	0.08	0.00	1.00	2R	2W	
23.47	26.52	3.05	40.00	0.40	0.00	1.00	2R	4W	
26.52	29.57	3.05	45.00	0.05	0.00	1.00	2R	3W	
29.57	32.61	3.04	60.00	0.28	0.00	1.00	2R	2W	
32.61	35.66	3.05	60.00	0.38	0.00	2.00	3R	2W	
35.66	38.70	3.04	52.00	1.13	0.00	2.00	2R	2W	
38.70	41.76	3.06	43.00	0.40	0.00	1.00	2R	3W	
41.76	44.80	3.04	50.00	0.35	0.00	1.00	2R	3W	
44.80	47.85	3.05	50.00	0.22	0.00	2.00	2R	2W	
47.85	50.90	3.05	50.00	0.18	0.00	1.00	2R	3W	
50.90	53.95	3.05	35.00	0.03	0.00	1.00	2R	3W	
			5.00	0.19	0.00	1.00	2R	3W	
53.95	57.09	3.14	40.00	0.16	0.00	1.00	2R	3W	
57.09	59.44	2.35	45.00	0.06	0.00	2.00	2R	3W	
59.44	62.48	3.04	45.00	0.16	0.00	1.00	2R	3W	
62.48	63.09	0.61	55.00	0.07	0.00	2.00	2R	2W	
63.09	66.14	3.05	55.00	0.10	0.00	1.00	2R	2W	
66.14	68.58	2.44	65.00	0.12	0.00	1.00	2R	2W	
68.58	70.71	2.13	55.00	0.07	0.00	1.00	2R	1W	
70.71	72.24	1.53	57.00	0.83	0.00	2.00	2R	1W	
72.24	75.89	3.65	65.00	0.15	0.00	1.00	2R	1W	
75.89	78.33	2.44	58.00	0.09	0.00	1.00	2R	1W	
78.33	81.38	3.05	60.00	1.20	0.00	1.00	2R	1W	
81.38	84.43	3.05	55.00	1.24	0.00	2.00	2R	1W	
84.43	87.48	3.05	55.00	0.36	0.00	1.00	2R	1W	
			28.00	0.25	0.00	1.00	2R	1W	
87.48	90.53	3.05	35.00	0.75	0.00	2.00	2R	1W	
			52.00	0.40	0.00	2.00	2R	1W	
90.53	93.57	3.04	42.00	0.75	0.00	1.00	2R	1W	

KLAZA

93.57	96.62	3.05	47.00	0.33	0.00	1.00	2R	1W	
96.62	99.67	3.05	25.00	0.35	0.00	2.00	2R	1W	
			40.00	0.15	0.00	1.00	2R	1W	
99.67	102.72	3.05	35.00	0.62	0.00	1.00	2R	1W	
102.72	105.77	3.05	47.00	0.61	0.00	1.00	2R	1W	
105.77	108.81	3.04	57.00	0.75	0.00	1.00	2R	1W	
108.81	111.86	3.05	45.00	0.60	0.00	1.00	2R	1W	
			360.00	0.40	0.00	1.00	2R	1W	
111.86	114.91	3.05	45.00	0.41	0.00	1.00	2R	1W	
114.91	117.96	3.05	62.00	0.10	0.00	1.00	2R	1W	
117.96	121.01	3.05	65.00	0.40	0.00	1.00	2R	1W	
121.01	124.05	3.04	55.00	0.55	0.00	1.00	2R	1W	
124.05	127.10	3.05	60.00	0.30	0.00	1.00	2R	1W	
127.10	130.15	3.05	62.00	0.35	0.00	1.00	2R	1W	
130.15	133.20	3.05	30.00	1.30	0.00	1.00	2R	1W	
			60.00	0.32	0.00	1.00	2R	1W	
133.20	136.25	3.05	25.00	0.45	0.00	1.00	2R	1W	
			40.00	0.05	0.00	1.00	2R	1W	
136.25	139.29	3.04	50.00	0.08	0.00	2.00	2R	1W	
139.29	142.34	3.05	62.00	1.12	0.00	1.00	2R	1W	
142.34	145.39	3.05	60.00	0.13	0.00	1.00	2R	1W	
145.39	148.44	3.05	65.00	0.52	0.00	1.00	2R	1W	
148.44	151.49	3.05	55.00	0.37	0.00	1.00	2R	1W	
151.49	154.53	3.04	62.00	1.12	0.00	1.00	2R	1W	
154.53	160.63	6.10	45.00	0.03	0.00	1.00	2R	1W	
			65.00	0.30	0.00	1.00	2R	1W	
160.63	163.68	3.05	45.00	0.15	0.00	1.00	2R	1W	
			30.00	0.70	0.00	1.00	2R	1W	
163.68	166.73	3.05	45.00	0.17	0.00	1.00	2R	1W	
166.73			30.00	0.26	0.00	1.00	2R	1W	
0.00	169.77	169.77	52.00	0.12	0.00	1.00	2R	1W	
169.77	172.82	3.05	30.00	0.43	0.00	1.00	2R	1W	
172.82	175.26	2.44	40.00	0.52	0.00	1.00	2R	1W	
175.26	178.31	3.05							Rubbly recovery
178.31	181.97	3.66	47.00	0.25	0.00	1.00	2R	1W	
181.97	185.01	3.04	62.00	1.10	0.00	1.00	3R	1W	
185.01	188.06	3.05	40.00	0.11	0.00	1.00	2R	1W	
			60.00	0.13	0.00	1.00	2R	1W	
188.06	191.11	3.05	22.00	1.02	0.00	2.00	2R	1W	
			70.00	0.20	0.00	1.00	2R	1W	
191.11	193.55	2.44	50.00	0.20	0.00	1.00	2R	1W	
193.55	194.16	0.61							No sets
194.16	197.21	3.05	62.00	0.42	0.00	1.00	2R	1W	
			50.00	0.41	0.00	1.00	2R	1W	
197.21	200.25	3.04	38.00	1.55	0.00	1.00	2R	1W	
			25.00	0.60	0.50	2.00	2R	1W	
200.25	203.60	3.35	75.00	0.12	0.00	1.00	2R	1W	
203.60	206.30	2.70	60.00	1.80	0.00	1.00	2R	1W	

KLAZA

206.30	207.40	1.10	52.00	0.08	0.00	1.00	2R	1W	
207.40	212.45	5.05	32.00	1.12	0.00	1.00	2R	1W	
212.45	215.49	3.04	35.00	0.45	0.00	1.00	2R	1W	
			65.00	0.46	0.00	1.00	2R	1W	
215.49	218.54	3.05	50.00	1.10	0.00	1.00	2R	1W	
218.54	221.59	3.05	60.00	0.24	0.00	1.00	2R	1W	
221.59	224.64	3.05	60.00	0.65	0.00	1.00	2R	1W	
			72.00	2.82	0.00	1.00	2R	1W	
224.64	227.69	3.05	40.00	0.40	0.00	1.00	2R	1W	
			58.00	0.12	0.00	1.00	2R	1W	
227.69	230.77	3.08	50.00	0.66	0.00	1.00	2R	1W	
0.00	233.78	233.78	65.00	0.82	0.00	1.00	2R	1W	
230.77	236.83	6.06	60.00	0.04	0.00	1.00	2R	1W	
233.78	239.88	6.10	60.00	0.07	0.00	1.00	2R	1W	
236.83	242.93	6.10	55.00	0.14	0.00	1.00	2R	1W	
239.88	245.92	6.04	40.00	0.15	0.00	2.00	2R	1W	
			55.00	0.20	0.00	1.00	2R	1W	
245.92	249.02	3.10	58.00	0.05	0.00	1.00	2R	1W	
	EOH								

KLAZA

Hole: KL-12-72 **Date: July 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	1.17	
2.00	3.64	
3.00	7.50	
4.00	9.57	
5.00	8.96	
6.00	12.50	
7.00	11.60	
8.00	16.40	
9.00	13.70	
10.00	0.40	
11.00	10.40	
12.00	0.14	
13.00	6.38	
14.00	0.18	
15.00	16.60	
16.00	19.70	
17.00	17.80	
18.00	19.80	
19.00	19.60	
20.00	17.00	
21.00	25.10	
22.00	17.70	
23.00	11.40	
24.00	3.02	
25.00	7.96	
26.00	12.70	
27.00	4.35	
28.00	12.60	
29.00	7.22	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	4.75	
31.00	14.50	
32.00	2.19	
33.00	12.70	
34.00	1.04	
35.00	0.18	
36.00	3.07	
37.00	10.90	
38.00	13.40	
39.00	25.50	
40.00	20.20	
41.00	25.90	
42.00	22.90	
43.00	30.20	
44.00	3.95	
45.00	9.44	
46.00	9.15	
47.00	23.60	
48.00	25.70	
49.00	29.00	
50.00	7.74	
51.00	3.98	
52.00	6.62	
53.00	2.56	
54.00	6.33	
55.00	11.20	
56.00	4.24	
57.00	6.16	
58.00	13.50	
59.00	1.79	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	3.51	
61.00	1.26	
62.00	19.60	
63.00	21.60	
64.00	20.90	
65.00	18.30	
66.00	21.80	
67.00	20.40	
68.00	12.00	
69.00	20.10	
70.00	19.60	
71.00	13.50	
72.00	10.20	
73.00	15.60	
74.00	17.10	
75.00	14.70	
76.00	18.00	
77.00	9.62	
78.00	18.80	
79.00	0.51	
80.00	1.06	
81.00	11.10	
82.00	16.60	
83.00	18.40	
84.00	18.70	
85.00	13.70	
86.00	15.80	
87.00	16.60	
88.00	18.30	
89.00	25.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	19.90	
91.00	27.60	
92.00	25.00	
93.00	27.10	
94.00	21.20	
95.00	15.40	
96.00	24.70	
97.00	12.70	
98.00	22.30	
99.00	22.00	
100.00	22.50	
101.00	20.70	
102.00	22.70	
103.00	18.50	
104.00	20.60	
105.00	19.00	
106.00	19.80	
107.00	18.10	
108.00	16.60	
109.00	19.80	
110.00	17.40	
111.00	22.80	
112.00	3.20	
113.00	12.30	
114.00	13.60	
115.00	3.71	
116.00	3.30	
117.00	5.24	
118.00	11.80	
119.00	4.73	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	6.45	
121.00	5.29	
122.00	3.94	
123.00	3.12	
124.00	7.27	
125.00	2.72	
126.00	9.12	
127.00	8.26	
128.00	7.02	
129.00	9.76	
130.00	3.24	
131.00	9.55	
132.00	2.21	
133.00	11.00	
134.00	5.91	
135.00	4.90	
136.00	4.33	
137.00	19.40	
138.00	13.70	
139.00	17.10	
140.00	8.21	
141.00	18.90	
142.00	12.50	
143.00	8.65	
144.00	6.09	
145.00	15.70	
146.00	7.90	
147.00	12.40	
148.00	6.64	
149.00	9.46	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	4.09	
151.00	9.05	
152.00	7.97	
153.00	8.89	
154.00	20.50	
155.00	48.32	
156.00	13.30	
157.00	3.03	
158.00	7.24	
159.00	14.80	
160.00	14.90	
161.00	20.30	
162.00	7.79	
163.00	19.30	
164.00	16.00	
165.00	24.40	
166.00	16.30	
167.00	16.40	
168.00	8.25	
169.00	3.25	
170.00	2.25	
171.00	1.37	
172.00	1.55	
173.00	0.95	
174.00	0.62	
175.00	1.35	
176.00	1.64	
177.00	2.17	
178.00	1.97	
179.00	1.26	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.17	
181.00	1.72	
182.00	3.53	
183.00	0.73	
184.00	3.01	
185.00	0.53	
186.00	0.98	
187.00	9.66	
188.00	1.06	
189.00	1.28	
190.00	3.67	
191.00	16.60	
192.00	13.50	
193.00	6.16	
194.00	22.40	
195.00	2.15	
196.00	8.28	
197.00	4.24	
198.00	5.58	
199.00	0.45	
200.00	1.86	
201.00	2.28	
202.00	1.72	
203.00	2.59	
204.00	2.65	
205.00	0.42	
206.00	2.56	
207.00	1.73	
208.00	2.79	
209.00	1.77	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.69	
211.00	3.03	
212.00	4.06	
213.00	2.85	
214.00	3.01	
215.00	2.30	
216.00	3.69	
217.00	2.06	
218.00	2.06	
219.00	2.98	
220.00	2.10	
221.00	8.69	
222.00	18.40	
223.00	2.92	
224.00	1.53	
225.00	15.30	
226.00	10.80	
227.00	19.80	
228.00	18.60	
229.00	21.50	
230.00	24.80	
231.00	13.50	
232.00	17.00	
233.00	14.70	
234.00	20.20	
235.00	18.40	
236.00	17.10	
237.00	15.60	
238.00	12.30	
239.00	20.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	19.40	
241.00	5.92	
242.00	15.70	
243.00	19.00	
244.00	7.41	
245.00	3.67	
246.00	1.97	
247.00	5.56	
248.00	5.67	
249.00	2.48	
	EOH	

KLAZA

Hole: **KL-12-72** **Date: July 2012**

Box #	From (m)	To (m)
1	0.00	6.38
2	6.38	11.98
3	11.98	17.44
4	17.44	23.00
5	23.00	28.18
6	28.18	33.18
7	33.18	38.87
8	38.87	44.65
9	44.65	50.20
10	50.20	55.97
11	55.97	61.43
12	61.43	66.72
13	66.72	71.57
14	71.57	76.98
15	76.98	82.49
16	82.49	88.24
17	88.24	93.90
18	93.90	99.67
19	99.67	105.48
20	105.48	111.00
21	111.00	116.20
22	116.20	121.60
23	121.60	126.90
24	126.90	132.35
25	132.35	137.73
26	137.73	143.23
27	143.23	148.96
28	148.96	154.73
29	154.73	160.38

KLAZA

30	160.38	168.01
31	168.01	171.61
32	171.61	177.34
33	177.34	182.37
34	182.37	188.29
35	188.29	193.78
36	193.78	199.09
37	199.09	204.50
38	204.50	209.73
39	209.73	215.24
40	215.24	220.64
41	220.64	226.43
42	226.43	232.30
43	232.30	238.12
44	238.12	244.03
45	244.03	EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383181.25	6889582	1413.639	264.26

SECTION:

HOLE: DDH-KL-12-73

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 25th - june 27th, 2012

Geology logged by: Derek Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.32	7.32	OVB	Overburden, casing depth at 15'
7.32	57.60	50.28	GRD	Weak to strongly oxidized granodiorite.
57.60	81.41	23.81	GRD	Alternating patches of argillic and phyllic alteration.
81.41	85.64	4.23	FEL	Quartz feldspar porphyry dyke.
85.64	103.00	17.36	GRD	Phyllic altered granodiorite.
103.00	113.47	10.47	FEL	Quartz feldspar porphyry dyke.
113.47	132.09	18.62	GRD	Phyllic altered granodiorite.
132.09	132.20	0.11	VEN	Quartz/carbonate vein hosting pyrite.
132.20	135.02	2.82	GRD	Phyllic altered granodiorite.
135.02	135.27	0.25	VEN	Silicified veinlet zone hosting disseminated sulphides
135.27	135.94	0.67	GRD	Phyllic altered granodiorite.
135.94	140	4.06	FEL	Quartz feldspar porphyry dyke.
140.00	146.72	6.72	GRD	Phyllic altered granodiorite.
146.72	146.91	0.19	VEN	Silicified smokey quartz/pyrite vein zone.
146.91	194	47.09	GRD	Moderatly propyllitic altered granodiorite.
194.00	239.28	45.28	GRD	Trace to moderate propyllitic altered granodiorite.
239.28	264.26	24.98	GRD	Propyllitic and argillic altered granodiorite. EOH

SAMPLES

Numbers: M897073-M897236

Total: 164

Batch: 5

Date Sent:

Certificate:

COMMENTS

264.26m EOH. Hole shut down due to technical difficulties

KLAZA

Hole: DDH-KL-12-73 **Logger Name:** Derek Walsh **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	7.32	7.32					OVB			BN											Overburden. Casing depth is 15'
7.32	57.60	50.28				mKgW	GRD	MG	MD	GY	PA	3I		ARG	4I						Granodiorite with strong to weak oxidation occuring around fractures. Intensity of oxidation decreases with depth.
			8.76	9.42	0.66	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around an intensely oxidized rubbly quartz(?) vein.
			11.80	12.10	0.30	mKgW	GRD	MG		GN	EN			PHC	4I						Grey green strong phyllic envelope around a quartz pyrite vein.
										GY											
			24.90	26.14	1.24	mKgW	GRD	MG	LT	GN		2I		PHC	4I	4.00					Strongly phyllic altered granodiorite hosting disseminated pyrite and few pyrite blebs. Interval hosts multiple quartz/pyrite stringers.
										GY											
			30.60	34.82	4.22	mKgW	GRD	MG		WH				ARG	4I						Strongly agrillic altered granodiorite with patches of potassic and propyllitic alteration.
										PK	PA			POT	2-4I						
									DK	GN	PA			PRO	2-3I						
			34.82	39.15	4.33		GRD	MG	LT	GN		3I		PHC	3-4I	1.00					Moderate to strong phyllic altered granodiorite hosting disseminated pyrite and is moderatly oxidized.
										GY											
			39.54	41.81	2.27	mKgW	GRD	MG		WH		3I		ARG	4I	3.00					Strong argillic alteration with a weak phyllic overprint. Granodiorite that has been weak to moderatly oxidized. Interval hosts disseminated pyrite and black clay gouge.
									LT	GN				PHC	2-3I						
			41.81	44.81	3.00	mKgW	GRD	MG		WH		3I		ARG	2-3I						Primarily oxidized moderate argillic granodiorite with patches of weak phyllic alteratio,
											PA			PHC	2.00						
			53.70	54.10	0.40	mKgW	GRD	MG	LT	GN				PHC	3-4I	2.00					Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite.
										GY											
57.60	81.41	23.81				mKgW	GRD	MG		WH		2I		ARG	3-4I						Alternating patches of moderate to strong argillic and propyllitic alteration. The interval is weak to strongly oxidized.
									DK	GN				PRO	3-4I						
			64.45	65.23	0.78	mKgW	GRD	MG	DK	GY			4I			1.00					Strongly silicified granodiorite hosting disseminated pyrite and black breccia.
			71.12	72.97	1.85	mKgW	GRD	MG	LT	GN				PHC	3I	<1					Moderatly phyllic altered granodiorite hosting pyrite and multiple white carbonate veinlets.
										GY											
			78.33	79.67	1.34	mKgW	GRD	MG	LT	GN		3I		PHC	3I	<1					Moderatly phyllic altered granodiorite hosting disseminated pyrite and is weak to
										OR											
81.41	84.64	3.23				LKqP	FEL			GY											Grey and patchy red quartz feldspar porphyry dyke.
										RD	PA										
84.64	85.74	1.10				mKgW	GRD	MG	LT	GN				PHC	3I						Moderatly phyllic altered granodiorite with patches of phyllic overprinetd argillic
										WH	PA			ARG	3I						
85.74	95.00	9.26				mKgW	GRD	MG	DK	GN				PRO	2-4I						Weak to moderatly phyllic altered granodiorite with patches of moderate potassic alteration.
										WN	PA			ARG	3I						
95.00	103.00	8.00				mKgW	GRD	MG		WH				ARG	4I						Strongly argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
103.00	113.47	10.47				LKqP	FEL			GY											Grey quartz feldspar prophyry dyke.
113.47	114.91	1.44				mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strongly phyllic altered grnodiorite hosting disseminated pyrite and quartz/pyrite veins veinlets and stringers.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
										GY											
114.91	135.94	21.03				mKgW	GRD	MG	DK	GN				PRO	1-4I						Trace to strongly propyllitic altered granodiorite with patches of moderate argillic alteration.
										GY											
										WH	PA			ARG	3I						
			115.56	116.18	0.62	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green moderate phyllic envelope around a quartz sulphide vein.
			131.75	133.82	2.07	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Moderate to stronge phyllic altered granodiorite with patches of argillic altered granodiorite, muchof which is phyllic overprinted. Hosts multiple quartz pyrite vein zones and disseminated pyrite.
135.94	140.00	4.06				LKqP	FEL			GY											Grey to light brown quartz feldspar porphyry dyke.
									LT	GN											
140.00	194.00	54.00				mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite with patches of argillic altered granodiorite much of which is phyllic overprint. Hosts multiple quartz/pyrite vein zones and disseminated pyrite.
										WH	PA			ARG	3I						
			144.75	145.39	0.64	mKgW	GRD	MG		WH				ARG	4I						Strongly altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			168.01	174.70	6.69	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite.
194.00	239.28	45.28				mKgW	GRD	MG	DK	GN				PRO	1-3I						Trace to moderatly propyllitic altered granodiorite with patches of moderate argillic alteration.
										GY											
										WH	PA			ARG	3I						
			204.20	207.56	3.36	mKgW	GRD	MG		WH				ARG	3I						White moderatly argillic altered granodiorite with patches of moderate phyllic overprint.
									DK	GN	PA			PRO	3I						
			207.56	208.00	0.44	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green moderatly phyllic envelope around two quartz/pyrite veins. The phyllic alteration has patches of moderayte propyllitic overprint.
									DK	GN	PA			PRO	3I						
			212.45	221.80	9.35	mKgW	GRD	MG	DK	GN				PRO	3I			Ep	1.00		Moderate propyllitic altered granodiorite with heamatite staining that is most abundant along fractures. The interval host trace amounts of disseminated to blebby epidote.
										RD				HEM	2I						
			224.64	231.40	6.76	mKgW	GRD	MG		GN				PRO	2I						Weakly propyllitic altered granodiorite with moderate heamatite staining thyat is most abundant along fractures.
														HEM	3I						
			231.40	232.40	1.00	mKgW	GRD	MG	LT	GN	EN			PHC	3I	1.00					Moderate phyllic envelope around a quartz sulphide vein. Envelope host diseminated pyrite.
			236.93	239.00	2.07	mKgW	GRD	MG	LT	GN	EN			ARG	3I						Moderate phyllic overprinted argillic envelope around a strong phyllic envelope which surrounds a quartz and semi-massive pyrite vein.
										GN	EN			PHC	3-4I						
239.28	246.62	7.34				mKgW	GRD	MG		GY			5I								Intesely silicified granodiorite with a few weakly propyllitic patches. The interval hosts an abundance of milky white quartz veins and veinlets.
									DK	GN	PA			PRO	2I						
246.70	253.25	6.55				mKgW	GRD	MG		WH				ARG	4I						Strongly argillic and gougy granodiorite that has been broken up and is extremely rubbly.
										GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
253.25	259.17	5.92				mKgW	GRD	MG		OR			3I	ARG	3I						Moderatetly argillic and silicified granodiorite which has been altered orange. Contains patches of strong propyllitic alteration.
									DK	GN				PRO	4I						
259.17	261.21	2.04				mKgW	GRD	MG	DK	GN	PA			PRO	3I	3.00					Patches of moderate propyllitic altered granodiorite and grey breccia with a grey/purple 1.1m gouge vein, which hosts blebby pyrite.
261.21	264.26	3.05				mKgW	GRD	MG	DK	GN				PRO	3I						Alternating patches of moderate propyllitic and argillic alteration. Interval has been heavily brecciates by white carbonate veins and veinlets.
										WH				ARG	3I						
	264.26																				EOH due to technical difficulties.

KLAZA

Hole: DDH-KL-12-73 Logger Name: Derek Walsh

Depth (m)		DESCRIPTION
81.41		Sharp contact between argillic and propyllitic altered granodiorite and quartz feldspar porphyry dyke.
84.64		Sharp contact between phyllic altered granodiorite and quartz feldspar porphyry dyke.

KLAZA

Hole: DDH-KL-12-73 **Logger Name:** Derek Walsh **Date:** July 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	11.98	12.00	85.00			Py	8.00	Grey to White quartz vein hosting disseminated pyrite.	
VN	35.53	35.55	85.00					White quartz vein hosting blebby pyrite.	
GO	36.22	36.24	30.00					Grey clay gouge.	
VN	36.28	36.30	30.00			Py	8.00	White calcite vein	
VT	36.70	36.71	75.00			Py	5.00	Grey quartz veinlet hosting blebby pyrite and sphalerite.	
						Sp	2.00		
BX	37.20	37.65	15.00			Py	1.00	Large white calcite vein that has brecciated the oxidized granodiorite into clast which host disseminated pyrite.	
GO	38.47	38.49	20.00					Oxidized orange gouge vein (2cm).	
VN	38.71	39.00				Py	3.00	Intensely oxidized 10cm smokey quartz vein (?) hosting disseminated pyrite. The vein is capped on either side by orange and black intensely oxidized clay gouge.	
GO	39.70	39.71	65.00			Py	20.00	Black gouge vein hosting disseminated pyrite.	
VT	40.36	40.37	70.00			Py	20.00	Grey quartz veinlet hosting disseminated pyrite, galena and sphalerite.	
						Gn	40.00		
						Sp	10.00		
GO	40.97	41.10						Dark grey to black clay gouge that has been weakly oxidized.	
VN	41.20	41.48				Py	40.00	Appears to be a milky white quartz vein and strongly silcified granodiorite that are heavily broken up. Hosts a high abundance of disseminated pyrite and is moderatly oxidized.	
GO	43.50	43.60						Brown clay gouge.	
GO	47.10	47.13	70.00					Grey and yellow oxidized clay gouge.	
GO	47.26	47.29	80.00			Py	5.00	Black gouge vein hosting disseminated pyrite.	
VN	53.00	53.02	70.00			Py	50.00	Milky white quartz vein hosting a high abundance of blebby pyrite.	
VN	53.27	53.29	65.00			Py	3.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
GO	53.76	53.80						Brown broken up gouge vein hosting a broken up white calcite vein.	
VN	60.67	60.80	35.00			Py	<1	Grey quartz vein hosting clasts of propyllitic granodiorite which conatins disseminated pyrite,	
BX	64.67	65.02	55.00			Py	5.00	Black silicified breccia hosting blebby to pyrite.	
VN	71.89	71.90	80.00			Py	1.00	Smokey quartz and tan carbonate vein hosting disseminated pyrite.	
VT	72.67	72.68	40.00			Py	5.00	Grey/white quartz/carbonate veinlet hosting disseminated pyrite, sphalerite and galena.	
						Sp	5.00		
						Gn	1.00		
VT	72.84	72.85	55.00			Py	3.00	White carbonate veinlet hosting disseminated pyrite, sphalerite and galena.	
						Sp	6.00		
						Gn	1.00		
GO	73.92	74.18	23.00					Oxidized orange gouge vein hosting an abundance of strongly oxidized granodiorite clasts (1mm-1cm).	
GO	74.23	74.40	30.00					White gouge vein hosting 1mm-4cm sized clasts of phyllic altered granodiorite.	
VN	78.56	78.57	70.00			Py	30.00	Grey quartz vein hosting blebby pyrite.	
GO	81.38	81.41	85.00			Py	1.00	Dark grey to black gouge vein hoting disseminated pyrite.	
BX	84.81	84.93	80.00			Py	3.00	Black breccia hosting disseminated to blebby pyrite.	
VN	84.93	84.98	85.00			Py	20.00	Quartz carbonate vein hosting disseminated to blebby pyrite.	
VN	86.34	86.35	85.00			Py	7.00	Smokey quartz and white carbonate hosting disseminated pyrite.	
VN	95.94	95.95	80.00			Py	2.00	Quartz carb veinlet hosting disseminated pyrite.	
VN	100.48	100.50	85.00			Py	4.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	102.04	102.13	80.00			Py	5.00	Grey and white quartz/carbonate vein hosting disseminated to blebby pyrite.	
GO	103.00	103.03	70.00					Grey gouge vein.	
VN	114.07	114.09	75.00			Py	8.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	114.31	114.35	80.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	114.50	114.53	70.00			Py	7.00	Grey quartz vein hosting disseminated to blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	114.71	114.72	85.00			Py	70.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	115.70	115.72	75.00			Py	20.00	Grey/white quartz/carbonate vein hosting blebby pyrite and sphalerite.	
						Sp	5.00		
VN	123.36	123.49	85.00			Py	3.00	Grey/white quartz/carbonate vein hosting blebby to disseminated pyrite, the carbonate has minorly brecciated quartz vein.	
VN	124.65	124.66	85.00			Py	1.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	130.69	130.70	75.00			Py	4.00	Grey quartz vein hosting disseminated pyrite.	
VT	131.03	131.04	65.00			Py	2.00	Grey quartz veinlet (0.8cm) hosting disseminated pyrite.	
VN	132.09	132.20	85.00			Py	30.00	Smokey quartz vein hosting disseminated to massive pyrite and trace amounts of of disseminated chalcopyrite,	
						Ch	1.00		
VN	132.60	132.62	85.00			Py	10.00	Milky white quartz vein hosting blebby pyrite and disseminated sphalerite.	
						Sp	1.00		
VT	132.78	132.79	85.00			Py	4.00	Grey quartz veinlet hosting disseminated pyrite and sphalerite.	
						Sp	4.00		
ST	133.31	133.47	70.00		7.00	Py	50.00	Quartz/pyrite and black sulphide stringer zone.	
VN	133.69	133.71	90.00			Py	5.00	Grey/white quartz/carbonate vein hosting disseminated pyrite and disseminated sphalerite.	
						Sp	3.00		
VN	134.64	134.66	85.00			Py	3.00	Grey/white quartz/carbonate vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	5.00		
VT	135.02	135.27	65.00		5.00	Py	5.00	Silicified veinlet zone hosting multiple quartz carbonate veinlets with pyrite blebs. Zone hosts disseminated to blebby pyrite between veinlets.	
VT	135.42	135.43	75.00			Py	3.00	Grey quartz veinlet hosting disseminated pyrite.	
BX	135.92	135.94	65.00			Py	1.00	Black breccia hosting trace amounts of disseminated pyrite.	
VN	139.67	139.97						White massive broken calcite vein.	
VT	142.07	142.08	65.00			Py	8.00	Grey/white quartz/carbonate vein hosting disseminated pyrite.	
GO	142.34	142.42	55.00					Grey gouge vein	
VN	142.95	142.96	40.00			Py	15.00	Grey quartz vein hosting blebby pyrite and sphalerite.	
						Sp	5.00		
VN	143.26	143.46	70.00					Grey quartz hosting black sulphide stringers with disseminated to semi-massive pyrite and small blebs of chalcopyrite.	
VN	143.90	143.93	80.00			Py	15.00	Grey quartz vein hosting blebby pyrite.	
VN	146.16	146.17	40.00			Py	25.00	Smokey quartz vein hosting blebby pyrite.	
VN	146.72	146.91	70.00		10.00	Py	20.00	Silicified vein zone hosting smokey quartz pyrite veins/veinlets and an abundance of black sulphide stringers. Friss-crossing stringers give the vein zone a net texture.	
GO	151.60	152.15	85.00			Py	3.00	Black/grey silicified gouge zone hosting disseminated pyrite and 1-2cm sized clasts of moderatly phyllic altered granodiorite.	
GO	152.39	152.40	40.00			Py	2.00	Gouge vein hosting disseminated pyrite.	
VN	152.98	153.01	85.00					Gre/white quartz/carbonate vein hosting disseminated to blebby pyrite.	
ST	153.32	153.44	40.00		5.00			Black sulphide and quartz pyrite stringer zone.	
VN	154.71	154.72	85.00					Grey/white quartz carbonate vein hosting disseminated pyrite.	
VN	155.07	155.11	60.00		2.00	Py	15.00	One quartz/carbonate vein hosting blebby pyrite and sphalerite and the other grey quartz vein hosting blebby pyrite.	
						Sp	10.00		
ST	158.81	159.48			~10	Py	7.00	Silicified stringer zone hosting pyrite and black sulphide stringers along with a heavily broken up quartz/pyrite vein hosting blebby pyrite and sphalerite.	
GO	159.00	160.00	50.00			Py	2.00	Grey gouge vein that has a 4cm quartz/carbonate vein at 173cm.	
VN	161.60	161.75				Py	5.00	Silicified vein zone that is heavily broken up and hosts blebby to disseminated pyrite.	
GO	162.17	162.23						Dark grey gouge hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	163.31	163.52	85.00					Black to grey gouge hosting disseminated pyrite.	
VN	163.60	163.62	70.00					Grey quartz and pyrite vein.	
VN	163.66	163.68	75.00			Py	20.00	Grey/white quartz/carbonate vein hosting blebby pyrite and sphalerite.	
						Sp	15.00		
GO	164.80	164.86	35.00					Grey gouge.	
VN	165.30	165.52	75.00		3.00	Py	10.00	Vein zone hosting multiple quartz/carbonate and pyrite vein with disseminated to blebby pyrite between veins.	
VN	165.62	165.74	85.00			Py	35.00	Grey/white quartz carbonate vein hosting disseminated to blebby pyrite, blebby chalcopyrite and disseminated sphalerite and galena.	
						Ch	2.00		
						Sp	3.00		
						Gn	4.00		
VN	165.79	165.80	85.00			Py	30.00	Grey quartz vein hosting blebby pyrite.	
GO	166.28	166.32	65.00					Grey gouge vein.	
VN	166.43	166.46	50.00			Py	<1	Grey/white quartz/carbonate vein hosting disseminated pyrite and exhibits minor breccia texture.	
VT	166.81	166.90	70.00		3.00	Py	3.00	Three grey quartz veinlets hosting disseminated pyrite.	
VN	167.40	167.80			3.00	Py	5.00	One white carbonate vein (1.5cm) hosting disseminated pyrite, one grey quartz vein hosting blebby pyrite and one quartz/carbonate vein hosting disseminated pyrite. Vein zone also contains 8 pyrite stringers.	
VN	175.14	175.15	70.00			Py	10.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
VN	175.19	175.21	70.00			Py	1.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	177.52	177.55	35.00					Smokey quartz vein.	
VN	179.11	179.46	85.00		4.00	Py	10.00	Three grey quartz veins hosting disseminated to blebby pyrite and one white carbonate vein hosting blebby pyrite and sphalerite.	
						Sp	1.00		
VN	182.97	183.03	85.00			Py	25.00	Minorly brecciated smokey quartz vein with a white carbonate veinlet running through it. Vein hosts disseminated to blebby pyrite..	
VT	184.36	184.37	85.00			Py	10.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VT	185.13	185.14	55.00			Py	5.00	Smokey quartz carbonate veinlet hosting disseminated pyrite.	
VN	186.04	186.06	70.00			Py	5.00	Smokey quartz vein hosting blebby pyrite and sphalerite along with black sulphide stringers.	
						Sp	2.00		
GO	187.56	187.58	80.00			Py	1.00	Black gouge vein hosting disseminated pyrite.	
GO	188.87	188.88	60.00					Black gouge veinlet.	
VN	189.08	189.12	75.00			Py	20.00	Grey quartz vein hosting blebby pyrite and disseminated galena and sphalerite.	
						Gn	1.00		
						Sp	3.00		
VN	190.18	190.19	85.00			Py		Grey/white quartz/carbonate vein hosting blebby pyrite.	
VN	190.23	190.25	85.00			Py		Milky white quartz vein hosting disseminated to semi-massive pyrite.	
VN	191.52	191.55	80.00			Py		Grey/white quartz/carbonate vein hosting disseminated to blebby pyrite and disseminated sphalerite and galena.	
VN	192.00	192.01	70.00			Py		Smokey quartz and white carbonate vein hosting disseminated pyrite.	
DK	203.32	203.33	30.00					Red/brown aplite dyke.	
VN	224.33	224.60	80.00			Py		Grey quartz vein hosting disseminated to blebby pyrite. Quartz vein has brecciated and strongly silicified the granodiorite.	
VN	231.80	231.90	85.00			Py		Grey to black quartz sulphide vein hosting disseminated to blebby pyrite. A 1.5cm black breccia vein in the lower 1/3 of the vein.	
VN	238.20	238.34	75.00			Py		Grey to smokey quartz vein hosting semi-massive pyrite and black sulphide stringers.	
GO	259.23	260.33	13.00					Grey/purple 2cm gouge vein that is 1.10m long.	
		264.26						EOH	

KLAZA

Hole: DDH-KL-12-73 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
23.85	9.6	6.3	760.2	489.9	GRD						2.540304	2.812431	Granodiorite
25.57	10.2	6.3	873.3	599.1	GRD		PHC	4I	Py	2	2.74658	3.184902	Strongly phyllic altered granodiorite hosting disseminated pyrite.
32.4	9.6	6.3	810.1	436.5	GRD		ARG	4I			2.707051	2.168362	Strong argillic altered with a strong potassic overprint.
							POT	4I					
35.08	9.6	6.3	765	505.5	GRD		PHC	3I			2.556344	2.947977	Moderate phyllic altered granodiorite with a weak propyllitic overprint.
							PRO	2I					
38.16	9.6	6.3	653.9	349.8	GRD		ARG	4I			2.185089	2.15028	Strongly argillic altered granodiorite with weak propyllitic overprint.
							PRO	2I					
76.74	10.1	6.3	815.8	491.2	GRD		PRO	5I			2.591143	2.513247	Intensely potassic altered granodiorite.
82.57	10.1	6.3	819	494.3	FEL						2.601307	2.522328	Grey quartz feldspar porphyry dyke
97.8	9.8	6.3	777.4	460.9	GRD		ARG	4I			2.544764	2.45624	Strong argillic altered with a strong potassic overprint.
							POT	3I					
105.54	10.5	6.3	869	530.6	FEL						2.654969	2.567967	Grey quartz feldspar porphyry dyke
134.83	9.9	6.3	837.3	517.7	GRD		PHC	4I			2.713157	2.619837	Strongly phyllic altered granodiorite.
158.3	10.5	6.3	937.4	598.8	GRD		PHC	4I	Py	5	2.863945	2.768458	Strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and a few pyrite stringers.
165.12	10.8	6.3	926.8	610.7	GRD		PHC	4I	Py	2	2.752905	2.931984	Light green phyllic altered granodiorite hosting weak amounts of disseminated pyrite.
171.43	9.65	6.3	826	510.8	GRD		PRO	3I			2.745881	2.620558	Dark green, propyllitic altered granodiorite with two small 0.1 calcite veinlets.
199.81	9.95	6.3	853.4	528.6	GRD		PRO	3I			2.751431	2.627463	Unaltered granodiorite
219.92	10.45	6.3	870.2	530.2	GRD		ARG	2I			2.671356	2.559412	Argillic alteration being overprinetd by strong argillic alteration. Argillic alteration is visible next tp quartz veinlets.
							PRO	3I					
232.55	9.4	6.3	751.3	499.9	GRD		ARG	3I			2.56398	2.988465	Moderatly argillic altered granodiorite with a weak phyllic overprint.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							PHC	2I					
239.51	9.9	6.3	838.3	522.2	GRD		SIL	4I			2.716397	2.652009	Strongly silicified and weakly propylitic altered granodiorite.
							PRO	2I					
													EOH

KLAZA

Hole: DDH-KL-12-73 **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
24.83	26.12	1.29	1.29	100	M897073	1				
26.12	27.60	1.48	1.48	100	M897074	1				
27.60	29.30	1.70	1.69	99.4	M897075	1				
					M897076	1				Coarse Reject Duplicate
29.30	30.59	1.29	1.29	100	M897077	1				
30.59	32.84	2.25	2.08	92.4	M897078	1				
32.84	35.29	2.45	2.38	97.1	M897079	1				
35.29	36.69	1.40	1.30	92.9	M897080	1				
					M897081	1				Blank
36.69	38.25	1.56	1.56	100	M897082	1				
38.25	39.40	1.15	1.15	100	M897083	1				
					M897084	1				Klaza Standard 1
39.40	41.57	2.17	1.87	86.2	M897085	1				
					M897086	1				Blank
41.57	43.19	1.62	1.62	100	M897087	1				
43.19	44.81	1.62	1.62	100	M897088	1				
44.81	47.00	2.19	2.16	98.6	M897089	1				
47.00	48.02	1.02	1.02	100	M897090	1				
					M897091	1				Klaza Standard 2
48.02	50.90	2.88	2.88	100	M897092	1				
50.90	52.79	1.89	1.89	100	M897093	1				
					M897094	1				Duplicate
52.79	54.02	1.23	1.21	98.4	M897095	1				
54.02	56.76	2.74	2.75	100	M897096	1				
56.76	57.76	1.00	1.00	100	M897097	1				
57.76	59.67	1.91	1.82	95.3	M897098	1				
59.67	60.96	1.29	1.29	100	M897099	1				
60.96	62.14	1.18	1.17	99.2	M897100	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
62.14	64.55	2.41	2.40	99.6	M897101	1				
64.55	65.55	1.00	0.94	94	M897102	1				
65.55	67.26	1.71	1.71	100	M897103	1				
67.26	68.60	1.34	1.30	97	M897104	1				
68.60	71.00	2.40	2.37	98.7	M897105	1				
71.00	73.00	2.00	2.00	100	M897106	1				
73.00	75.02	2.02	2.02	100	M897107	1				
75.02	77.65	2.63	2.56	97.3	M897108	1				
77.65	79.87	2.22	2.19	98.6	M897109	2				
79.87	81.41	1.54	1.51	98.1	M897110	2				
81.41	83.07	1.66	1.66	100	M897111	2				
83.07	84.63	1.56	1.55	99.4	M897112	2				
84.63	85.65	1.02	1.00	98	M897113	2				
					M897114	2				Blank
85.65	86.75	1.10	1.00	90.9	M897115	2				
86.75	89.73	2.98	2.93	98.3	M897116	2				
89.73	91.95	2.22	2.20	99.1	M897117	2				
91.95	94.70	2.75	2.57	93.5	M897118	2				
94.70	97.70	3.00	3.00	100	M897119	2				
					M897120	2				Duplicate
97.70	99.90	2.20	2.15	97.7	M897121	2				
99.90	100.90	1.00	1.00	100	M897122	2				
100.90	101.96	1.06	1.02	96.2	M897123	2				
					M897124	2				Klaza standard 2
101.96	102.96	1.00	1.00	100	M897125	2				
102.96	106.15	3.19	3.00	94	M897126	2				
106.15	108.40	2.25	2.24	99.6	M897127	2				
108.40	110.52	2.12	2.07	97.6	M897128	2				
110.52	111.95	1.43	1.40	97.9	M897129	2				
111.95	113.46	1.51	1.50	99.3	M897130	2				
113.46	114.82	1.36	1.26	92.6	M897131	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M897132	2				Blank
114.82	116.41	1.59	1.28	80.5	M897133	2				
116.41	117.70	1.29	1.37	106	M897134	2				
117.70	119.40	1.70	1.69	99.4	M897135	2				
119.40	121.62	2.22	2.23	100	M897136	2				
					M897137	2				Coarse Reject Duplicate
121.62	123.20	1.58	1.58	100	M897138	2				
					M897139	2				Klaza standard 2
123.20	124.70	1.50	1.50	100	M897140	2				
124.70	125.84	1.14	1.14	100	M897141	2				
125.84	128.54	2.70	2.60	96.3	M897142	2				
128.54	130.71	2.17	1.91	88	M897143	2				
130.71	131.93	1.22	1.19	97.5	M897144	2				
131.93	132.93	1.00	1.00	100	M897145	3				
132.93	133.93	1.00	1.00	100	M897146	3				
133.93	135.93	2.00	2.00	100	M897147	3				
135.93	138.73	2.80	2.80	100	M897148	3				
138.73	139.95	1.22	1.20	98.4	M897149	3				
139.95	141.25	1.30	1.18	90.8	M897150	3				
141.25	142.89	1.64	1.62	98.8	M897151	3				
142.89	144.12	1.23	1.12	91.1	M897152	3				
					M897153	3				Blank
144.12	146.15	2.03	2.00	98.5	M897154	3				
					M897155	3				Klaza Standard 2
146.15	147.15	1.00	1.00	100	M897156	3				
147.15	149.26	2.11	2.11	100	M897157	3				
149.26	151.31	2.05	2.05	100	M897158	3				
					M897159	3				Coarse Reject Duplicate
151.31	152.45	1.14	1.14	100	M897160	3				
152.45	153.51	1.06	1.05	99.1	M897161	3				
153.51	155.20	1.69	1.69	100	M897162	3				
155.20	157.77	2.57	2.49	96.9	M897163	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M897164	3				Duplicate
157.77	159.79	2.02	1.83	90.6	M897165	3				
					M897166	3				Blank
159.79	161.56	1.77	1.67	94.4	M897167	3				
161.56	163.68	2.12	1.81	85.4	M897168	3				
163.68	165.30	1.62	1.54	95.1	M897169	3				
					M897170	3				Klaza standard 2
165.30	166.50	1.20	1.20	100	M897171	3				
166.50	167.79	1.29	1.29	100	M897172	3				
167.79	170.80	3.01	3.00	99.7	M897173	3				
170.80	173.80	3.00	2.95	98.3	M897174	3				
173.80	175.01	1.21	1.21	100	M897175	3				
175.01	176.01	1.00	1.00	100	M897176	3				
176.01	179.09	3.08	3.08	100	M897177	3				
179.09	180.20	1.11	1.08	97.3	M897178	3				
180.20	182.95	2.75	2.62	95.3	M897179	3				
182.95	183.95	1.00	1.00	100	M897180	3				
183.95	184.95	1.00	1.00	100	M897181	4				
184.95	186.06	1.11	1.09	98.2	M897182	4				
186.06	188.30	2.24	2.24	100	M897183	4				
188.30	189.30	1.00	1.00	100	M897184	4				
					M897185	4				Blank
189.30	190.30	1.00	1.00	100	M897186	4				
190.30	191.70	1.40	1.40	100	M897187	4				
191.70	194.02	2.32	2.32	100	M897188	4				
					M897189	4				Coarse Reject Duplicate
194.02	196.77	2.75	2.75	100	M897190	4				
196.77	198.54	1.77	1.77	100	M897191	4				
198.54	200.25	1.71	1.71	100	M897192	4				
					M897193	4				Duplicate
200.25	203.23	2.98	2.98	100	M897194	4				
203.23	205.89	2.66	2.64	99.2	M897195	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
205.89	207.02	1.13	1.03	91.2	M897196	4				
					M897197	4				Klaza standard 2
207.02	208.10	1.08	1.00	92.6	M897198	4				
208.10	211.20	3.10	3.00	96.8	M897199	4				
211.20	213.95	2.75	2.75	100	M897200	4				
213.95	215.11	1.16	1.06	91.4	M897201	4				
					M897202	4				Klaza standard 2
215.11	216.63	1.52	1.52	100	M897203	4				
216.63	217.86	1.23	1.23	100	M897204	4				
217.86	219.60	1.74	1.72	98.9	M897205	4				
219.60	221.15	1.55	1.40	90.3	M897206	4				
221.15	223.67	2.52	2.50	99.2	M897207	4				
223.67	224.75	1.08	1.02	94.4	M897208	4				
					M897209	4				Blank
224.75	226.30	1.55	1.50	96.8	M897210	4				
226.30	228.90	2.60	2.47	95	M897211	4				
228.90	231.46	2.56	2.56	100	M897212	4				
231.46	232.55	1.09	1.03	94.5	M897213	4				
232.55	235.19	2.64	2.65	100	M897214	4				
235.19	237.75	2.56	2.49	97.3	M897215	4				
237.75	238.82	1.07	1.03	96.3	M897236	4				*INSERTED*
238.82	240.53	1.71	1.71	100	M897216	5				
240.53	242.88	2.35	2.35	100	M897217	5				
					M897218	5				Duplicate
242.88	245.59	2.71	2.63	97	M897219	5				
					M897220	5				Klaza Standard 3
245.59	247.05	1.46	1.39	95.2	M897221	5				
247.05	249.85	2.80	2.55	91.1	M897222	5				
					M897223	5				Coarse Reject
249.85	252.07	2.22	2.22	100	M897224	5				
252.07	253.55	1.48	1.29	87.2	M897225	5				
					M897226	5				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
253.55	256.00	2.45	2.29	93.5	M897227	5				
					M897228	5				Klaza Standard 3
256.00	258.14	2.14	2	93.5	M897229	5				
258.14	259.07	0.93	0.9	96.8	M897230	5				
259.07	260.32	1.25	1.17	93.6	M897231	5				
					M897232	5				Blank
260.32	261.42	1.10	1.1	100	M897233	5				
261.42	262.73	1.31	1.3	99.2	M897234	5				
262.73	264.26	1.53	1.53	100	M897235	5				EOH

KLAZA

Hole: DDH-KL-12-73 **Tech Name: Barry Penner** **Date: July 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52		0				1	0S	5W	Soil/OVB
1.52	2.71	1.19	0.35	29	0.00	0.00		1	0S	5W	
2.71	5.18	2.47	1.43	58	0.18	12.59		2	0S	4W	
5.18	8.23	3.05	3.50	115	0.54	15.43		2	0S	4W	
8.23	11.28	3.05	3.04	100	1.28	42.11		2	1S	4W	
11.28	14.33	3.05	3.05	100	1.52	49.84		2	5S	3W	
14.33	17.37	3.04	3.04	100	0.58	19.08		1	1S	3W	
17.37	20.42	3.05	2.91	95	1.10	37.80		2	1S	4W	
20.42	23.47	3.05	3.04	100	1.97	64.80		2	1S	4W	
23.47	26.52	3.05	3.05	100	1.77	58.03		2	5S	3W	
26.52	29.57	3.05	2.86	94	1.42	49.65		2	4S	3W	
29.57	32.61	3.04	3.01	99	1.87	62.13		1	4S	3W	
32.61	35.66	3.05	2.95	97	1.92	65.08		2	2S	2W	
35.66	38.71	3.05	2.95	97	0.99	33.56		1	2S	4W	
38.71	41.76	3.05	2.87	94	0.00	0.00		1	2S	3W	Heavily clay altered and mineralized.
41.76	44.81	3.05	2.92	96	1.22	41.78		1	4S	3W	
44.81	47.85	3.04	2.84	93	0.56	19.72		1	2S	3W	
47.85	50.90	3.05	2.96	97	1.35	45.61		2	4S	3W	
50.90	53.95	3.05	2.92	96	1.71	58.56		1	2S	4W	
53.95	57.00	3.05	2.98	98	2.40	80.54		2	2S	3W	
57.00	60.05	3.05	2.88	94	1.67	57.99		1	2S	4W	
60.05	63.04	2.99	3.04	102	1.55	50.99		2	2S	3W	
63.04	66.14	3.10	3.05	98	0.78	25.57		2	2S	3W	
66.14	69.19	3.05	2.93	96	1.72	58.70		2	3S	3W	
69.19	72.24	3.05	3.05	100	1.62	53.11		2	3S	2W	
72.24	75.29	3.05	3.03	99	1.64	54.13		1	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	3.00	99	1.93	64.33		2	2S	2W	
78.33	81.38	3.05	3.01	99	2.07	68.77		2	3S	2W	
81.38	84.43	3.05	3.00	98	1.98	66.00		2	4S	2W	
84.43	87.48	3.05	2.94	96	2.26	76.87		2	3S	2W	
87.48	90.53	3.05	2.89	95	1.25	43.25		1	2S	2W	
90.53	93.57	3.04	2.96	97	1.79	60.47		1	2S	1W	
93.57	96.62	3.05	3.05	100	2.14	70.16		2	2S	1W	
96.62	99.67	3.05	3.05	100	2.24	73.44		1	1S	2W	
99.67	102.72	3.05	3.01	99	1.08	35.88		2	1S	2W	
102.72	105.77	3.05	2.91	95	2.00	68.73		2	1S	1W	porphyry dyke start
105.77	111.86	6.09	3.04	50	1.67	54.93		2	4S	1W	
111.86	114.91	3.05	2.92	96	1.63	55.82		2	4S	2W	
114.91	117.96	3.05	2.85	93	1.77	62.11		2	5S	2W	
117.96	121.01	3.05	3.07	101	2.14	69.71		2	5S	2W	
121.01	124.05	3.04	2.91	96	1.44	49.48		2	5S	2W	
124.05	127.10	3.05	3.05	100	1.97	64.59		2	5S	2W	
127.10	130.15	3.05	2.73	90	1.15	42.12		1	1S	4W	
130.15	133.20	3.05	2.86	94	1.82	63.64		2	4S	3W	
133.20	136.25	3.05	3.05	100	1.43	46.89		2	2S	2W	
136.25	139.29	3.04	2.97	98	2.04	68.69		2	4S	1W	
139.29	142.34	3.05	2.68	88	1.15	42.91		1	4S	3W	
142.34	145.39	3.05	2.84	93	1.36	47.89		2	5S	2W	
145.39	148.44	3.05	2.85	93	1.95	68.42		2	4S	1W	
148.44	151.49	3.05	3.08	101	1.98	64.29		1	5S	2W	
151.49	154.53	3.04	3.01	99	2.55	84.72		2	5S	2W	
154.53	157.58	3.05	2.97	97	2.25	75.76		1	1S	1W	
157.58	160.63	3.05	2.73	90	1.03	37.73		1	1S	2W	
160.63	163.68	3.05	2.80	92	0.60	21.43		1	1S	2W	
163.68	166.73	3.05	2.94	96	2.00	68.03		2	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.07	101	2.22	72.31		2	5S	2W	
169.77	172.82	3.05	2.97	97	1.66	55.89		2	5S	2W	
172.82	175.87	3.05	2.85	93	1.37	48.07		1	3S	2W	
175.87	178.92	3.05	2.74	90	1.22	44.53		2	3S	2W	
178.92	181.97	3.05	2.84	93	2.02	71.13		2	5S	2W	
181.97	185.01	3.04	2.85	94	1.80	63.16		2	4S	2W	
185.01	188.06	3.05	3.05	100	1.94	63.61		2	2S	2W	
188.06	191.11	3.05	2.91	95	1.63	56.01		2	3S	2W	
191.11	194.16	3.05	2.97	97	1.56	52.53		2	5S	2W	
194.16	197.21	3.05	2.98	98	1.24	41.61		2	3S	2W	
197.21	200.25	3.04	3.02	99	2.11	69.87		2	3S	2W	
200.25	203.30	3.05	2.95	97	1.87	63.39		2	4S	3W	
203.30	206.35	3.05	2.99	98	0.88	29.43		1	1S	3W	
206.35	209.40	3.05	2.80	92	1.68	60.00		2	4S	1W	
209.40	212.45	3.05	2.94	96	1.83	62.24		1	1S	3W	
212.45	215.49	3.04	2.85	94	1.14	40.00		2	5S	2W	
215.49	218.54	3.05	2.90	95	1.47	50.69		2	4S	2W	
218.54	221.59	3.05	2.82	92	1.67	59.22		1	4S	2W	
221.59	224.64	3.05	2.95	97	1.34	45.42		2	4S	2W	
224.64	227.69	3.05	3.08	101	0.28	9.09		1	4S	2W	
227.69	230.73	3.04	3.04	100	1.15	37.83		2	4S	1W	
230.73	233.78	3.05	3.00	98	2.49	83.00		2	5S	1W	
233.78	236.83	3.05	2.94	96	2.38	80.95		2	5S	1W	
236.83	239.88	3.05	2.89	95	2.21	76.47		2	5S	1W	
239.88	242.93	3.05	3.05	100	2.50	81.97		2	3S	1W	
242.93	245.97	3.04	2.96	97	1.29	43.58		2	3S	1W	
245.97	249.02	3.05	3.05	100	0.29	9.51		1	1S	1W	
249.02	252.07	3.05	3.05	100	0.00	0.00		1	1S	1W	
252.07	255.12	3.05	3.05	100	0.71	23.28		2	3S	1W	
255.12	258.17	3.05	3.05	100	0.37	12.13		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3.04	100	1.78	58.55		2	4S	1W	
261.21	264.26	3.05	3.05	100	1.46	47.87		2	4S	1W	
											EOH

KLAZA

Hole: DDH-KL-12-73 **Tech Name:** Barry Penner **Date:** July 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52							
1.52	2.71	1.19							
2.71	5.18	2.47	5.00	1.02	0.00	1.00	2R	2W	
5.18	8.23	3.05	70.00	0.57	0.00	1.00	2R	3W	
8.23	11.28	3.05	50.00	0.80	0.00	1.00	2R	3W	
11.28	14.33	3.05	45.00	0.55	0.00	2.00	2R	3W	
14.33	17.34	3.01	60.00	0.13	0.00	1.00	2R	3W	
17.34	20.42	3.08	55.00	1.00	0.00	1.00	2R	3W	
20.42	23.47	3.05	45.00	0.25	0.00	1.00	2R	3W	
23.47	26.52	3.05	55.00	1.20	0.00	1.00	2R	3W	
26.52	29.57	3.05	30.00	1.54	0.00	2.00	2R	3W	
29.57	32.61	3.04	47.00	1.76	0.00	1.00	2R	3W	
32.61	35.66	3.05	60.00	0.11	0.00	1.00	2R	2W	
35.66	38.71	3.05							Rubbly broken recovery
38.71	41.76	3.05	67.00	1.90	0.00	1.00	2R	3W	
41.76	44.81	3.05	55.00	0.13	0.00	1.00	2R	2W	
			65.00	0.24	0.00	1.00	2R	2W	
44.81	47.85	3.04	45.00	0.05	0.00	1.00	2R	3W	
47.85	50.90	3.05	35.00	0.86	0.00	1.00	2R	3W	
50.90	53.95	3.05	50.00	0.28	0.00	1.00	2R	3W	
53.95	57.00	3.05	75.00	0.50	0.00	2.00	2R	3W	
57.00	60.05	3.05	35.00	0.40	0.00	1.00	2R	2W	
			52.00	0.26	0.00	1.00	2R	3W	
60.05	63.09	3.04	55.00	0.30	0.00	1.00	2R	1W	
63.09	66.14	3.05	60.00	0.18	0.00	1.00	2R	3W	
66.14	69.19	3.05	30.00	1.35	0.00	1.00	2R	3W	
69.19	72.24	3.05	40.00	0.30	0.00	1.00	2R	3W	
72.24	75.29	3.05							
75.29	78.33	3.04	30.00	0.04	0.00	1.00	2R	2W	
78.33	81.38	3.05	58.00	0.72	0.00	1.00	2R	3W	
81.38	84.43	3.05							
84.43	87.48	3.05							
87.48	90.53	3.05	55.00	0.94	0.00	1.00	2R	1W	
90.53	93.57	3.04	40.00	0.80	0.00	1.00	3R	1W	
93.57	96.62	3.05	50.00	0.07	0.00	1.00	2R	1W	
96.62	99.67	3.05							
99.67	102.72	3.05	55.00	0.05	0.00	1.00	2R	2W	
			70.00	0.10	0.00	1.00	2R	2W	

KLAZA

102.72	105.77	3.05	7.00	0.11	0.00	1.00	2R	2W	
105.77	108.81	3.04	55.00	0.20	0.00	1.00	3R	1W	
108.81	111.86	3.05	5.00	0.64	0.00	1.00	3R	1W	
111.86	114.91	3.05	65.00	0.15	0.00	1.00	2R	1W	
			8.00	0.58	0.00	1.00	2R	1W	
114.91	117.96	3.05							
117.96	121.01	3.05	55.00	0.30	0.00	1.00	2R	2W	
121.01	124.05	3.04	42.00	0.40	0.00	1.00	2R	1W	
124.05	127.10	3.05	42.00	1.12	0.00	1.00	2R	1W	
127.10	130.15	3.05	70.00	0.18	0.00	1.00	2R	1W	
130.15	133.20	3.05							
133.20	136.25	3.05							
136.25	139.29	3.04	65.00	0.08	0.00	1.00	2R	1W	
139.29	142.34	3.05							
142.34	145.39	3.05	58.00	0.07	0.00	1.00	2R	1W	
			70.00	2.98	0.00	1.00	2R	1W	
145.39	148.44	3.05	65.00	1.10	0.00	1.00	2R	1W	
			55.00	0.30	0.00	1.00	2R	1W	
148.44	151.49	3.05	75.00	0.16	0.00	1.00	2R	1W	
			55.00	0.85	0.00	1.00	2R	1W	
151.49	154.53	3.04							
154.53	157.58	3.05	70.00	0.14	0.00	1.00	2R	1W	
157.58	160.63	3.05	50.00	0.50	0.00	1.00	2R	1W	
160.63	163.68	3.05							Rubble
163.68	166.73	3.05	45.00	0.50	2.00	2.00	3R	1W	
166.73	169.77	3.04	35.00	0.50	0.00	1.00	2R	1W	
169.77	172.82	3.05	45.00	0.75	0.00	1.00	2R	1W	
172.82	175.87	3.05	35.00	0.60	0.00	2.00	2R	1W	
			60.00	1.00	0.00	1.00	2R	1W	
175.87	178.92	3.05	40.00	0.50	0.00	1.00	3R	1W	
178.92	181.97	3.05	60.00	0.75	0.00	1.00	2R	1W	
			40.00	1.50		1.00	2R	1W	
181.97	185.01	3.04	30.00	0.50	0.00	1.00	3R	1W	Highly fractured
185.01	188.06	3.05	40.00	1.00	2.00	1.00	2R	1W	
188.06	191.11	3.05	50.00	0.75	0.00	1.00	2R	1W	
			35.00	1.00	0.00	2.00	3R	1W	
191.11	194.16	3.05	35.00	1.00	0.00	2.00	3R	1W	
			70.00	0.60	0.00	1.00	2R	1W	
194.16	197.21	3.05	50.00	0.60	0.00	2.00	2R	1W	
197.21	200.25	3.04	70.00	1.50	1.00	2.00	2R	1W	
			40.00	1.50	0.00	2.00	2R	1W	
200.25	203.30	3.05	70.00	0.75	0.00	1.00	2R	1W	
203.30	206.35	3.05	25.00	1.50	2.00	2.00	2R	1W	
206.35	209.40	3.05	35.00	1.00	0.00	2.00	3R	1W	
			20.00	1.00	0.00	2.00	3R	1W	
209.40	212.45	3.05	40.00	0.75	0.00	2.00	3R	1W	
			65.00	1.00	0.00	1.00	3R	1W	
212.45	215.49	3.04	30.00	0.75	1.00	1.00	3R	1W	

KLAZA

			65.00	0.60	0.00	1.00	2R	1W	
215.49	218.54	3.05	75.00	0.50	0.00	1.00	2R	1W	
218.54	221.59	3.05	70.00	1.00	0.00	1.00	2R	1W	
			60.00	0.50	0.00	1.00	2R	1W	
221.59	224.64	3.05	40.00	0.50	0.00	2.00	2R	1W	
224.64	227.69	3.05							Highly fractured, rubble
227.69	230.73	3.04	45.00	1.00	0.00	1.00	2R	1W	
			25.00	0.75	0.00	1.00	2R	1W	
230.73	233.78	3.05	45.00	1.00	1.00	2.00	2R	1W	
			75.00	1.00	0.00	1.00	2R	1W	
233.78	236.83	3.05	50.00	0.60	1.00	2.00	2R	1W	
236.83	239.88	3.05	30.00	0.50	0.00	2.00	3R	1W	
239.88	242.93	3.05	40.00	0.50	1.00	1.00	2R	1W	
			70.00	1.50	1.00	1.00	2R	1W	
242.93	245.97	3.04	40.00	0.37	1.00	1.00	2R	1W	
			75.00	1.50	1.00	1.00	2R	1W	
245.97	249.02	3.05							Very rubbly
249.20	252.07	2.87							Very rubbly
252.07	255.12	3.05	70.00	0.75	0.00	2.00	3R	1W	
255.12	258.17	3.05	80.00	0.33	1.00	1.00	2R	1W	
258.17	261.21	3.04	45.00	1.50	0.00	2.00	3R	1W	
261.21	264.26	3.05	40.00	0.75	0.00	2.00	3R	1W	EOH

KLAZA

Hole: DDH-KL-12-73 Date: July 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		OVB
3.00	2.55	
4.00	2.26	
5.00	4.45	
6.00	2.53	
7.00	14.00	
8.00	27.80	
9.00	1.24	
10.00	1.69	
11.00	6.83	
12.00	2.25	
13.00	1.47	
14.00	2.45	
15.00	9.24	
16.00	21.60	
17.00	2.25	
18.00	3.05	
19.00	11.10	
20.00	18.30	
21.00	1.36	
22.00	5.46	
23.00	35.10	
24.00	19.10	
25.00	1.73	
26.00	1.98	
27.00	1.57	
28.00	3.02	
29.00	2.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.26	
31.00	0.80	
32.00	1.47	
33.00	1.57	
34.00	0.73	
35.00	2.77	
36.00	1.12	
37.00	1.83	
38.00	1.15	
39.00	1.59	
40.00	1.26	
41.00	2.18	
42.00	1.62	
43.00	1.05	
44.00	0.90	
45.00	3.54	
46.00	15.20	
47.00	1.31	
48.00	2.67	
49.00	10.20	
50.00	19.20	
51.00	2.53	
52.00	5.98	
53.00	0.63	
54.00	1.15	
55.00	18.00	
56.00	6.33	
57.00	5.76	
58.00	1.64	
59.00	9.34	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.75	
61.00	1.91	
62.00	0.95	
63.00	4.85	
64.00	4.18	
65.00	2.45	
66.00	3.17	
67.00	1.88	
68.00	2.85	
69.00	2.35	
70.00	3.49	
71.00	1.47	
72.00	1.36	
73.00	1.71	
74.00	2.80	
75.00	2.65	
76.00	0.58	
77.00	3.49	
78.00	2.70	
79.00	2.26	
80.00	1.86	
81.00	3.49	
82.00	1.51	
83.00	2.67	
84.00	2.11	
85.00	0.70	
86.00	1.04	
87.00	1.44	
88.00	5.93	
89.00	18.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.40	
91.00	2.36	
92.00	2.04	
93.00	35.90	
94.00	8.83	
95.00	3.69	
96.00	0.92	
97.00	1.73	
98.00	2.01	
99.00	1.27	
100.00	1.76	
101.00	0.94	
102.00	2.52	
103.00	0.97	
104.00	1.49	
105.00	2.21	
106.00	1.54	
107.00	1.57	
108.00	1.61	
109.00	1.57	
110.00	2.60	
111.00	1.71	
112.00	21.53	
113.00	5.02	
114.00	6.43	
115.00	3.43	
116.00	5.64	
117.00	17.80	
118.00	25.70	
119.00	23.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.97	
121.00	3.64	
122.00	29.70	
123.00	7.37	
124.00	6.16	
125.00	18.00	
126.00	15.40	
127.00	7.22	
128.00	17.90	
129.00	15.00	
130.00	22.60	
131.00	5.60	
132.00	4.20	
133.00	2.60	
134.00	5.04	
135.00	4.50	
136.00	7.00	
137.00	5.96	
138.00	3.52	
139.00	3.53	
140.00	1.64	
141.00	6.68	
142.00	3.41	
143.00	3.94	
144.00	4.40	
145.00	4.62	
146.00	4.90	
147.00	4.90	
148.00	3.04	
149.00	6.08	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	4.36	
151.00	4.25	
152.00	4.63	
153.00	4.72	
154.00	3.30	
155.00	4.88	
156.00	4.83	
157.00	3.59	
158.00	5.32	
159.00	3.29	
160.00	2.87	
161.00	1.25	
162.00	0.27	
163.00	1.29	
164.00	0.95	
165.00	0.37	
166.00	0.62	
167.00	0.26	
168.00	0.43	
169.00	5.24	
170.00	2.90	
171.00	0.55	
172.00	2.33	
173.00	13.40	
174.00	3.12	
175.00	0.55	
176.00	0.35	
177.00	0.40	
178.00	0.42	
179.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.46	
181.00	0.68	
182.00	0.62	
183.00	0.58	
184.00	0.36	
185.00	0.30	
186.00	0.25	
187.00	0.50	
188.00	0.65	
189.00	0.36	
190.00	0.23	
191.00	0.60	
192.00	0.57	
193.00	0.98	
194.00	0.70	
195.00	16.20	
196.00	19.90	
197.00	28.00	
198.00	8.85	
199.00	1.26	
200.00	36.30	
201.00	1.02	
202.00	32.60	
203.00	34.10	
204.00	35.10	
205.00	38.20	
206.00	0.62	
207.00	4.26	
208.00	10.10	
209.00	1.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	34.20	
211.00	13.10	
212.00	1.27	
213.00	2.78	
214.00	4.30	
215.00	1.12	
216.00	0.89	
217.00	3.30	
218.00	7.94	
219.00	7.76	
220.00	1.20	
221.00	1.59	
222.00	2.31	
223.00	5.64	
224.00	12.50	
225.00	2.10	
226.00	5.26	
227.00	24.30	
228.00	26.20	
229.00	28.60	
230.00	16.30	
231.00	10.80	
232.00	5.40	
233.00	8.21	
234.00	7.42	
235.00	15.30	
236.00	3.37	
237.00	2.83	
238.00	6.04	
239.00	5.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	3.84	
241.00	5.46	
242.00	5.62	
243.00	4.80	
244.00	4.14	
245.00	4.65	
246.00	2.95	
247.00	2.56	
248.00	1.78	
249.00	3.05	
250.00	5.34	
251.00	3.49	
252.00	1.64	
253.00	4.88	
254.00	3.27	
255.00	7.03	
256.00	20.50	
257.00	5.12	
258.00	8.28	
259.00	7.10	
260.00	21.40	
261.00	8.60	
262.00	21.50	
263.00	15.00	
264.00	19.90	EOH

KLAZA

Hole: **DDH-KL-12-73** **Date: July 2012**

Box #	From (m)	To (m)
1	0.00	5.11
2	5.11	7.71
3	7.71	11.06
4	11.06	14.33
5	14.33	17.34
6	17.34	20.42
7	20.42	24.14
8	24.14	27.75
9	27.75	31.00
10	31.00	34.82
11	34.82	37.99
12	37.99	41.50
13	41.50	45.10
14	45.10	48.85
15	48.85	52.09
16	52.09	55.30
17	55.30	59.60
18	59.60	63.21
19	63.21	66.14
20	66.14	69.62
21	69.62	73.42
22	73.42	75.95
23	75.95	80.83
24	80.83	84.72
25	84.72	88.88
26	88.88	93.64
27	93.64	96.62
28	96.62	100.52
29	100.52	104.13

KLAZA

30	104.13	107.57
31	107.57	111.30
32	111.30	114.96
33	114.96	118.76
34	118.76	122.39
35	122.39	126.14
36	126.14	129.98
37	129.98	134.03
38	134.03	138.03
39	138.03	141.88
40	141.88	145.58
41	145.58	149.22
42	149.22	152.79
43	152.79	156.79
44	156.79	160.52
45	160.52	163.97
46	163.97	167.74
47	167.74	171.36
48	171.36	174.99
49	174.99	178.59
50	182.53	182.53
51	186.10	186.10
52	189.64	189.64
53	193.56	193.56
54	196.87	196.87
55	200.85	200.85
56	204.53	204.53
57	207.95	207.95
58	212.07	212.07
59	215.49	215.49
60	218.82	218.82
61	222.31	222.31
62	225.60	225.60
63	228.05	228.05
64	231.73	231.73
65	235.70	235.70
66	239.88	239.88

KLAZA

67	243.84	243.84
68	247.20	247.20
69	250.40	250.40
70	253.15	253.15
71	256.23	256.23
72	259.17	259.17
73	262.83	262.83
74	264.26	264.26
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			381478.18	6890156.1	1246.537	113.80

SECTION:

HOLE: KL-DDH-12-74A

CLAIM: YC37988 (KLAZA 5)

Contractor: Strike

Drill: 2

Core size: NQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 27th to June 30th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	60.86	60.86	OVB	Overburden and material from aquifer (rubble, sand).
60.86	68.00	7.14	GRD	Phyllic alteration + 2 quartz veins hosting sulphides.
68.00	76.80	8.80	GRD	Fresh granodiorite.
76.80	101.72	24.92	GRD	Patchy phyllic and argillic alteration (dominantly).
101.72	103.60	1.88	GRD	Fresh granodiorite.
103.60	113.80	10.20	GRD	Phyllic alteration.
				EOH

SAMPLES

Numbers: M895201 - M895243

Total: 43

Batch: 74-1 to 74-2

Date Sent:

Certificate:

COMMENTS

Shut down due to technical problems at the drill. Drill moved forward approximately 6m and re-drilled as DDH-12-74B.

KLAZA

Hole: KL-DDH-12-74A **Logger Name:** Nicole Marsh **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	56.30	56.30					OVB														Drilled through aquifer. Sand and rubble. Overburden.
56.30	60.86	4.56				mKgW	GRD	MG	MD	OR	RB	4.00		LIM	4.00						Highly oxidized Granodiorite. Pervasive limonite staining. Rubble to soft, friable rock to some hard/coherent core. Patches of argillic alteration and clay alteration. Soft green mineral abundant from 57.35 to 58.00m (smectite?). Goethite and limonite abundant throughout.
														ARG	1.00						
60.86	68.00	7.14				mKgW	GRD	MG	MD	GN	MA	2.00		PHC	3.00	<.1					Moderately phyllic altered Granodiorite with patchy weak argillic alteration and weak to strong potassic alteration. Heavy limonite on fractures. Limonite staining patchy until 63.39 (than restricted to fractures). Patch of strong argillic alteration from 62.39 to 62.66m.
														ARG	1.00						
														POT	1.00						
			66.00	66.07	0.07		VEN	FG	DK	GY	VN					0.20					Sulphide vein hosting blebby pyrite (in bands). Pyrite set within fine-grey mineral (oxidized sulphides?) and smoky quartz vein. True width of 2.4cm, 45 degrees to-core-axis. Disseminated pyrite until next interval.
			66.29	66.46	0.17		VEN	FG	DK	GY	VN					0.20					Sulphide vein and pyrite stringers. 45 degrees to-core-axis, true width of 9cm. Smokey quartz, brecciated quartz-carbonate, abundant fine-dark mineral and pervasive blebby pyrite.
68.00	76.80	8.80				mKgW	GRD	MG	MD	BL	MA			PHC	1.00						Fresh Granodiorite with patches of phyllic alteration (especially around quartz-carbonate veinlet (haloed by blue-green chlorite alteration).
76.80	87.63	10.83				mKgW	GRD	MG	LT	GN	MA			PHC	3.00						Patchy potassic, argillic and propyllitic altered Granodiorite. Feldspars altered soft in
			79.52	79.85	0.33				LT	PK				ARG	3.00						Highly clay altered and phyllic zone and sulphide vein (as described in secondary structures log). Soft, clay and argillic altered.
														POT	1.00						
87.63	101.72	14.09				mKgW	GRD	MG	LT	GN	MA			PHC	3.00						Moderately phyllic altered Granodiorite with patches of argillic, potassic and trace propyllitic alteration. Also, patches of fresh Granodiorite. Sulphide vein described in secondary structures.
														ARG	1.00						
														PRO	1.00						
			96.21	99.29	3.08	mKgW	GRD	MG	MD	GY	MA										Fresh Granodiorite.
101.72	103.60	1.88				mKgW	GRD	MG	MD	GY	MA										Fresh Granodiorite with two patches of finer grained dark xenoliths at 102.75m and 102.87m (8cm each).
103.60	110.85	7.25				mKgW	GRD	MG	MD	GN	MA			PHC	3.00	<1					Medium green to darker green phyllic and propyllitic altered Granodiorite. Moderate phyllic and moderate propyllitic (with patches borderline between the two). Patches of gouge material (3 gouge zones after 107m, 6-11cm in width).
														PRO	3.00						
110.85	113.80	2.95				mKgW	GRD	MG	LT	GN	MA			PHC	3.00						Green-grey gouge with sulphide gouge (hosting disseminated pyrite). Extremely soft/clay altered.
									LT	GY											
																					EOH (drill shut-down due to technical problems. Moving drill forward to drill DDH-12-74B).

KLAZA

Hole: KL-DDH-12-74A Logger Name: Nicole Marsh

Depth (m)		DESCRIPTION

KLAZA

Hole: KL-DDH-12-74A **Logger Name:** Nicole Marsh **Date:** July 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	66.00	66.07	0.07	45.00		1.00		2.00	Sulphide vein hosting blebby pyrite (in bands). Pyrite set within fine-grey mineral (oxidized sulphides?) and smoky quartz vein. True width of 2.4cm, 45 degrees to-core-axis.	
VN	66.29	66.46	0.17	45.00		1.00		5.00	Sulphide vein and pyrite stringers. 45 degrees to-core-axis, true width of 9cm. Smokey quartz, brecciated quartz-carbonate, abundant fine-dark mineral and pervasive blebby pyrite.	
VT	63.33	63.35	0.02	55.00		1.00			Quartz-carbonate veinlet.	
VT	60.93	70.57	9.64	32.00		2.00	Py	8.00	2 dark stringers (the second at 75 degrees to-core-axis). Pyrite stringers haloed by disseminated pyrite, blebby pyrite and blebs/coarser grains of smoky quartz.	
VT	70.48	70.57	0.09	30.00		2.00			White and dark-blue quartz-carbonate vein. Haloed by 4mm blue-green chlorite. Another small quartz-carbonate veinlet at same orientation.	
ST	71.12	71.26	0.14	58.00		3.00			3 quartz-carbonate stringers at same angle. Haloed by blue-green chlorite alteration.	
VN	72.58	72.64	0.06	43.00		1.00	Py	1.00	1/2 White quartz-carbonate vein, 1/2 dark-green-grey siliceous vein hosting blebs of pyrite. True width of zone is 1.8cm.	
VT	78.05	78.15	0.10	68.00		1.00			1cm wide quartz-carbonate vein.	
VT	78.61	78.74	0.13	55.00		3.00			Dark-fine grained and white quartz-carbonate veinlets. Orientations vary slightly.	
VN	79.73	79.83	0.10	45.00		1.00	Py	5.00	Clay altered sulphide vein. Dark-grey colour. Blebs of pyrite. White chalcedony and quartz. True width of 7.2cm.	
VT	80.19	80.46	0.27	22.00		2.00	He	<1	Stringy quartz and quartz-carbonate veinlets set in clay/argillic/phyllic altered zone (soft). Milky and smoky quartz, and minor red hematite stringers.	
VT	81.67	81.77	0.10	61.00		1.00			6mm smoky quartz vin in highly altered, friable, moderately argillic/phyllic altered zone. Vein is cut off (by alteration?) but can see relict orientation. Bordered by dark-green chlorite alteration.	
ST	84.22	84.88	0.66	70.00		3.00			3 blue/white quartz-carbonate stringers.	
VT	90.39	90.51	0.12	62.00		1.00	Qz	99.99	3mm wide quartz veinlets.	
VT	91.08	91.18	0.10	25.00		1.00	Py	1.00	Smoky quartz, vuggy quartz-carbonate veins/stringers and blebby pyrite. Veinlet true width of 1cm.	
VN	91.58	91.76	0.18	30.00		1.00	Py	5.00	3.11cm vein and stringers. Milky and smoky quartz (2.3mm) with fine dark-grey stringers and vuggy quartz-carbonate. Also, 1.2cm of sulphide gouge and stringers of blebby pyrite.	
VT	94.10	94.22	0.12	34.00		1.00			1.1cm milky quartz vein (no sulphides).	
VT	94.97	95.09	0.12	22.00		1.00	Ct	20.00	Quartz and chlorite vein (1.7cm). Grey-green.	
VT	97.13	97.85	0.72	30.00		9.00			Thin (<1mm) white quartz-carbonate veinlets/stringers.	
ST	98.34	98.48	0.14	40.00		2.00			Quartz-carbonate stringers (approximately 1mm width)	
VT	99.35	99.85	0.50	18.00		5.00			Vitreous and milky quartz-carbonate veins (2-7mm).	
FT	101.19	101.28	0.09	65.00		1.00			Vein with 5mm of intense clay alteration/gouge. True width of zone is 1.7cm. Quartz-carbonate (beige) and dark fine stringers.	
VT	104.35	104.72	0.37	35.00		2.00			<1mm and 2mm quartz-carbonate veinlets.	
FT	106.92	107.60	0.68	40.00		3.00	Py	1.00	Fault gouge zones with dark-grey sulphide gouge material. Pyrite present. Fault zones also at 110.oo and 110.22m.	
	108.35	108.77	0.42	12.00		1.00	Py	3.00	3.7mm pyrite, quartz-carbonate, quartz and hematite veinlets. Blebby and disseminated pyrite present.	
							He	1.00		
	108.96	109.61	0.65	20.00		1.00	Py	7.00	Pervasive pyrite band (9mm-17mm in width). Band consisting of blebs with disseminated pyrite throughout interval.	
	111.09	111.68	0.59	20.00		4.00	Py	1.00	Sulphide gouge. Dark grey with disseminated pyrite.	
									EOH at 113.80m	

KLAZA

Hole: KL-DDH-12-74A **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
61.41	10.5	5.2	463.3	272.6	GRD	MA	POT	4			2.077669	2.42947	Pink grandodiorite with soft white feldspars. Argillic and potassic altered.
							ARG	2					
66.66	10.5	5.2	553.9	356.5	GRD	MA	PHC	4			2.483965	2.805978	Thin pyrite stringers in center of very green, phyllic altered granodiorite.
68.11	10.5	5.2	536	341.1	GRD	MA					2.403693	2.750128	Fresh grandodiorite with 4cm wide xenolith (darker, finer grained instrusive, denser/more abundant mafics).
													EOH

KLAZA

Hole: KL-DDH-12-74A **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	58.00	58.00	0.00	0						No sampling
58.00	59.00	1.00	0.83	83	M895201	1				
59.00	61.00	2.00	1.63	81.5	M895202	1				
61.00	63.21	2.21	2.10	95	M895203	1				
63.21	64.91	1.70	1.70	100	M895204	1				
64.91	65.93	1.02	0.97	95.1	M895205	1				
65.93	67.06	1.13	1.13	100	M895206	1				
					M895207	1				BLANK
67.06	68.33	1.27	1.19	93.7	M895208	1				
68.33	70.66	2.33	2.33	100	M895209	1				
70.66	72.01	1.35	1.25	92.6	M895210	1				
					M895211	1				COARSE REJECT DUPLICATE
72.01	73.01	1.00	1.00	100	M895212	1				
73.01	75.09	2.08	2.08	100	M895213	1				
					M895214	1				STD-KL-2
75.09	76.80	1.71	1.65	96.5	M895215	1				
76.80	79.45	2.65	2.55	96.2	M895216	1				
79.45	80.52	1.07	1.05	98.1	M895217	1				
80.52	81.83	1.31	1.31	100	M895218	1				
81.83	83.82	1.99	1.93	97	M895219	1				
83.82	85.30	1.48	1.42	95.9	M895220	1				
85.30	87.63	2.33	2.30	98.7	M895221	1				
87.63	88.63	1.00	0.98	98	M895222	1				
88.63	90.75	2.12	2.12	100	M895223	1				
90.75	91.77	1.02	1.01	99	M895224	1				
					M895225	1				BLANK
91.77	92.86	1.09	1.03	94.5	M895226	1				
92.86	94.25	1.39	1.19	85.6	M895227	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
94.25	95.93	1.68	1.60	95.2	M895228	1				
					M895229	1				STD-KL-2
95.93	97.76	1.83	1.83	100	M895230	1				
97.76	99.31	1.55	1.55	100	M895231	1				
					M895232	1				1/4 DUPLICATE
99.31	100.77	1.46	1.46	100	M895233	1				
100.77	101.78	1.01	0.98	97	M895234	1				
101.78	103.60	1.82	1.80	98.9	M895235	1				
103.60	105.24	1.64	1.51	92.1	M895236	1				
105.24	106.34	1.10	1.10	100	M895237	2				
106.34	107.92	1.58	1.28	81	M895238	2				
107.92	108.98	1.06	1.00	94.3	M895239	2				
					M895240	2				BLANK
108.98	110.88	1.90	1.88	98.9	M895241	2				
110.88	112.21	1.33	1.33	100	M895242	2				
112.21	113.80	1.59	1.42	89.3	M895243	2				EOH
										End of Part A of DDH-12-74

KLAZA

Hole: KL-DDH-12-74A **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	52.10	52.10		0		0					OVB and Soil
52.10	53.95	1.85	1.85	100	0.15	8		1	0S	4W	
53.95	57.00	3.05	2.57	84	0.54	18		1	0S	4W	
57.00	60.05	3.05	2.46	81	0.42	14		1	0S	5W	
60.05	63.90	3.85	2.84	74	1.87	49		1	2S	4W	
63.90	66.14	2.24	2.91	130	1.38	62		2	3S	3W	
66.14	69.19	3.05	2.91	95	2.18	71		1	2S	3W	
69.19	72.24	3.05	2.89	95	2.77	91		2	4S	2W	
72.24	75.29	3.05	2.95	97	2.00	66		2	5S	2W	
75.29	78.33	3.04	2.83	93	2.30	76		2	5S	2W	
78.33	81.38	3.05	2.71	89	0.70	23		1	2S	3W	
81.38	84.43	3.05	2.78	91	0.75	25		1	2S	3W	
84.43	87.48	3.05	2.88	94	1.37	45		1	2S	2W	
87.48	90.53	3.05	2.85	93	0.77	25		1	2S	1W	
90.53	93.57	3.04	2.90	95	1.74	57		1	0S	3W	
93.57	96.62	3.05	2.89	95	2.32	76		2	2S	2W	
96.62	99.67	3.05	2.95	97	2.39	78		2	4S	1W	
99.67	102.72	3.05	2.89	95	2.03	67		1	0S	2W	Weak gouge, competent run
102.72	105.77	3.05	2.97	97	2.49	82		2	5S	1W	
105.77	108.81	3.04	2.97	98	1.85	61		1	1S	2W	
108.81	111.86	3.05	2.90	95	1.32	43		1	0S	4W	Gouge starts at 110.86m
111.86	113.39	1.53	1.41	92	0.00	0		1	0S	4W	Gouge starts at 110.86m
113.39	113.69	0.30	0.29	97	0.00	0		1	0S	4W	Gouge and EOH at 113.80

KLAZA

Hole: KL-DDH-12-74A **Tech Name:** Barry Penner **Date:** July 2012 **Page** of

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	52.10	52.10						5W	No sets, overburden and soil.
52.10	53.95	1.85							Rubble, no sets
53.95	57.00	3.05	55.00	0.22	0.00	1.00	2R	2W	Mostly rubble
57.00	60.05	3.05							Rubble, no sets
60.05	63.09	3.04	40.00	0.33	20.00	1.00	3R	3W	
63.09	66.14	3.05	40.00	0.45	0.00	1.00	3R	2W	
			30.00	0.05	0.00	2.00	3R	1W	
66.14	69.19		50.00	0.22	0.00	1.00	3R	2W	
69.19	72.24		60.00	0.02	0.00	1.00	3R	2W	
72.24	75.29		25.00	0.23	0.00	2.00	3R	1W	
75.29	78.33		30.00	0.62	0.00	1.00	3R	2W	
78.33	81.38								Rubble
81.38	84.43								Rubble
84.43	87.48		35.00	0.25	0.00	1.00	1R	2W	
87.48	90.53		45.00	0.07	0.00	1.00	2R	2W	
90.53	93.57		60.00	0.02	0.00	1.00	2R	1W	
93.57	96.62		55.00	0.12	0.00	2.00	3R	2W	
96.62	99.67		5.00	0.04	0.00	1.00	2R	1W	
			65.00	0.06	0.00	1.00	2R	1W	
99.67	102.72		50.00	0.31	0.00	1.00	2R	2W	
102.72	105.77		30.00	0.32	3.00	1.00	2R	2W	
			65.00	0.08	0.00	1.00	2R	1W	
105.77	108.81		40.00		80.00	1.00	2R	3W	
108.81	111.86		40.00		2930.00	1.00			Gouge from 110.87-113.80
111.86	113.39				2930.00	1.00			Gouge from 110.87-113.81
113.39	113.69				2930.00	1.00			Gouge from 110.87-113.82
113.69	113.80				2930.00	1.00			Gouge from 110.87-113.83 EOH

KLAZA

Hole: KL-DDH-12-74A Date: July 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		OVB
3.00		OVB
4.00		OVB
5.00		OVB
6.00		OVB
7.00		OVB
8.00		OVB
9.00		OVB
10.00		OVB
11.00		OVB
12.00		OVB
13.00		OVB
14.00		OVB
15.00		OVB
16.00		OVB
17.00		OVB
18.00		OVB
19.00		OVB
20.00		OVB
21.00		OVB
22.00		OVB
23.00		OVB
24.00		OVB
25.00		OVB
26.00		OVB
27.00		OVB
28.00		OVB
29.00		OVB

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00		OVB
31.00		OVB
32.00		OVB
33.00		OVB
34.00		OVB
35.00		OVB
36.00		OVB
37.00		OVB
38.00		OVB
39.00		OVB
40.00		OVB
41.00		OVB
42.00		OVB
43.00		OVB
44.00		OVB
45.00		OVB
46.00		OVB
47.00		OVB
48.00		OVB
49.00		OVB
50.00		OVB
51.00		OVB
52.00		OVB
53.00	0.25	
54.00	0.14	
55.00	0.21	
56.00	0.93	
57.00	0.27	
58.00	0.21	
59.00	0.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.42	
61.00	5.94	
62.00	1.13	
63.00	0.27	
64.00	0.36	
65.00	0.29	
66.00	0.40	
67.00	0.18	
68.00	3.05	
69.00	13.50	
70.00	18.70	
71.00	11.70	
72.00	15.10	
73.00	7.37	
74.00	13.60	
75.00	13.00	
76.00	17.60	
77.00	0.71	
78.00	0.47	
79.00	0.49	
80.00	0.36	
81.00	0.58	
82.00	0.36	
83.00	2.17	
84.00	0.32	
85.00	0.51	
86.00	3.05	
87.00	5.61	
88.00	3.89	
89.00	0.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.40	
91.00	0.80	
92.00	0.49	
93.00	14.80	
94.00	0.87	
95.00	0.49	
96.00	0.53	
97.00	5.59	
98.00	10.40	
99.00	8.36	
100.00	0.29	
101.00	0.36	
102.00	4.19	
103.00	13.50	
104.00	0.42	
105.00	0.36	
106.00	0.49	
107.00	0.43	
108.00	0.34	
109.00	0.20	
110.00	0.12	
111.00	0.43	
112.00	0.54	
113.00	0.43	EOH

KLAZA

Hole: **KL-DDH-12-74A** **Date:**

Box #	From (m)	To (m)	
1	0.00		OVB
2			OVB
3			OVB
4			OVB
5			OVB
6			OVB
7			OVB
8		52.10	OVB
9	52.10	57.35	
10	57.35	62.97	
11	62.97	68.33	
12	68.33	74.00	
13	74.00	79.90	
14	79.90	85.40	
15	85.40	90.98	
16	90.98	96.78	
17	96.78	102.61	
18	102.61	108.29	
19	108.29	113.80	EOH

KLAZA

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			381478.18	6890156.1	1246.537	377.04

SECTION:

HOLE: DDH-KL-12-74B

CLAIM: YD09208

Contractor: Strike

Drill: 2

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 30th - July 9th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	61.23	61.23	OVB	Overburden and material from acquifer (sand, mud).
61.23	82.23	21.00	GRD	Alternating/patchy fresh and phyllic alteration.
82.23	96.62	14.39	GRD	Moderate to strong propylitic alteration.
96.62	155.77	59.15	GRD	Moderate to strong phyllic alteration.
155.77	170.13	14.36	GRD	Heavy hematite and silicification.
170.13	193.70	23.57	GRD	Moderate to strong phyllic alteration.
193.70	211.13	17.43	GRD	Strongly phyllic altered. BRX zone at 207.26m ?
211.13	262.14	51.01	GRD	Patchy alteration. Generally weakly phyllic with
				patches of silicication. Localized heavy hematite.
262.14	271.64		DYK	Highly altered mafic(?) dyke. Heavy chlorite and
				hematite.
271.64	288.12	16.48	GRD	Alternating propylitic and phyllic alteration.
288.12	342.61	54.49	GRD	Phyllic alteration.
342.61	353.85	11.24	GRD	Alternating propylitic and phyllic alteration.
353.85	377.04	23.19	GRD	Mainly propylitic alteration.

SAMPLES

Numbers: M895244 - M895518 (excluding M895308)

Total: 274

Batch: 74-2 to 74-9

Date Sent:

Certificate:

COMMENTS

74A was shut down due prematurely to technical difficulties at the drill. DDH-12-74B was the second attempt at the target. The drill was moved forward by approximately 6m.

KLAZA

Hole: DDH-KL-12-74B **Logger Name:** Nicole Marsh **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	44.07	44.07				OVB	OVB														Sand and overburden. No sampling.
44.07	61.23	17.16				mKgW	GRD	MG	DK	OR	RB	5I		ARG	1.00			He	0.03		Extremely altered zone after (or at end) of aquifer. Sand, mud, fragments and intervals of semi-solid core. Many soft/friable sections. Extremely oxidized/fragmented. Limonite, hematite and goethite are abundant. Patches of fresh Granodiorite to strongly argillic altered.
									MD	BN											
61.23	66.78	5.55				mKgW	GRD	MG	MD	PK	MA	1I		LIM	2.00						Strongly phyllic altered Granodiorite with 65cm of strong potassic alteration (and weak-moderate argillic alteration). Goethite, present and heavy limonite staining on fractures. Trace propylitic alteration around stringers/veinlets. Sulphide vein described in secondary structure logs.
									MD	GN				PHC	4.00						
														POT	2.00						
														ARG	1.00						
														PRO	2.00						
66.78	82.23	15.45				mKgW	GRD	MG	MD	BL	MA										Fresh Granodiorite with patches of phyllic and potassic alteration (most listed in subintervals). Occasional finer/darker xenoliths.
									MD	GY											
			69.19	70.40	1.21	mKgW	GRD	MG	MD	GN	MA			PHC	4.00						Very green, strongly phyllic altered Granodiorite. Heavy limonite on fractures.
			73.95	75.00	1.05	mKgW	GRD	MG	MD	GN	MA			PHC	4.00						Very green, strongly phyllic altered Granodiorite. Heavy limonite on fractures. Sulphide vein described in secondary structures log.
			76.01	77.80	1.79	mKgW	GRD	MG	MD	GN	MA			PHC	4.00						Strongly phyllic, moderately potassic and weak to strongly argillic altered
														POT	3.00						
														ARG	3.00						
82.23	83.50	1.27				mKgW	GRD	MG	MD	GN	MA			PRO	4.00						Fractured Granodiorite with heavy propylitic alteration. Last 30cm of solid altered rock. Moderate argillic alteration.
														ARG	3.00						
83.50	96.62	13.12				mKgW	GRD	MG	DK	GY	MA			PRO	3.00			He	<1		Weak to moderate propylitic altered Granodiorite with patches of argillic, potassic and phyllic alteration. Strong potassic alteration at 85.09m (17cm width). Sulphide veins/gouge zones described in secondary structures. Patches of intense chlorite staining/replacement.
										GN				PHC	2.00						
														POT	2.00						
														ARG	1.00						
			86.75	93.93	7.18	mKgW	GRD	MG	DK	BN	MA			PHC	3.00						Phyllic, potassic and argillic altered zone with patches of fresher and propylitic altered Granodiorite.
														POT	3.00						
														ARG	3.00						
														PRO	1.00						
96.62	147.20	50.58				mKgW	GRD	MG	LT	GN	MA			PHC	5.00	<1					Strongly phyllic altered Granodiorite. Very green colour. Small fault zones and sulphide bearing veins throughout. Abundant weaknesses, fractures and faults throughout. Red hematite stained veins and fractures present. Patches of propylitic alteration. Abundant quartz-carbonate, hematite and chlorite stringers/veinlets throughout. Disseminated pyrite throughout. See secondary structure logs for details on veins and faults.
														PRO	1.00						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			96.82	103.10	6.28	mKgW	GRD	MG	LT	GN	FT			PHC	4.00	<1					Zone with many faults (see secondary structures log). Extremely clay altered
														ARG	4.00						
														PRO	1.00						
147.20	151.74	4.54				mKgW	GRD	MG	MD	GN				PRO	1.00						Fresh Granodiorite with minor propylitic alteration. Patches of intense green colour (chlorite). Finer/darker intrusive xenolith present. Quartz and quartz-carbonate throughout interval.
151.74	155.77	4.03				mKgW	GRD	MG	MG	GN				PHC	4.00						Very green phyllic altered Granodiorite. Abundant chlorite. Crustiform quartz and quartz-carbonate veining present (see secondary structures log).
155.77	170.13	14.36				mKgW	GRD	MG	DK	GY				SIL	4.00						Highly altered and silicified Granodiorite with pervasive hematite stringers, giving an overall purple tinge. Stringer often netted or have a "tree-root" texture. Majority of hornblendes altered to chlorite. Quartz-carbonate veins present. Chloritized and hematite coated slickenside fractures. Pervasive quartz-eyes. Small sections of dyke within interval (fine-grained, extremely altered) which are descried in the secondary structure logs.
									DK	PU				PRO	3.00						
			164.62	167.47	2.85	mKgW	GRD	MG	MD	GN											Highly fractured interval with minor clay alteration on some fractures. Hematite stained and heavily chloritized fractures.
									MD	PU											
			167.47	168.64	1.17	mKgW	GRD	MG	LT	GN	FN			SIL	2.00						Phyllic and silic altered zone with lesser amounts of hematite stringers. Overall light green colour. Brecciation described in secondary structures.
														PHC	2.00						
170.13	171.44	1.31				mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Phyllic altered zone lacking hematite stringers. Weakly silic altered. Localized blebby and disseminated pyrite.
														SIL	2.00						
171.44	193.70	22.26				mKgW	GRD	MG	LT	GN	MO			SIL	3.00			He	5.00		Alternating patches of light green moderately phyllic (maybe strong?) and silic altered Granodiorite. Pink/purple-green mottled zones due to heavy hematite stringers. Majority of interval is silicified with few weak/friable zones and rare fault gouge (see secondary structures log). Quartz eyes through majority of interval (especially in sections with hematite). Few patches of dark-green propylitic alteration (overprinting?).
									LT	PU				PHC	3.00						
			174.44	174.78	0.34	LKqP	FEL	FG	DK	GN				PRO	4.00						Dark-green strongly propylitic (dark-green pervasive chlorite), then dark-purple (pervasive hematite) dyke (altered mafic dyke?). 2/3 green, 1/3 purple. Majority of interval is fine-grained and extremely altered with small patches of altered Granodiorite. Blebby pyrite present within smoky quartz veins (within propylitic altered Granodiorite).
									DK	PU											
			176.70	177.37	0.67	mKgW	GRD	MG	DK	PU								He	40.00		30cm of fine grained dyke with pervasive hematite, then Granodiorite with abundant quartz eyes and hematite stringers (overall purple colour). Veins of pervasive chlorite and hematite (1.5cm in width, 45 degrees to-core-axis) and highly altered green fine dyke (4cm, 25 degrees to-core-axis, altered mafic dyke?).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			184.96	187.77	2.81	mKgW	GRD	MG	LT	GN	MO			SIL	3.00	<<1					Mottled pink and green colours. Abundant hematite and chlorite stringers. Patches of pervasive hematite and chlorite (from dark purple to red). Moderate silicification with few patches of weaker rock. Dark purple, heavy hematite staining around fractures (up to 1cm from fracture). Abundant light green sericite.
									LT	PU											
			187.77	191.15	3.38	mKgW	GRD	MG	LT	GN				PHC	4.00						Light green phyllic altered Granodiorite with patches of friable/weak rock and moderately developed fault gouge (mint green, clay altered). Aphanitic sulphide gouge present. Gouge zones described in secondary structures log.
193.70	202.49	8.79				mKgW	GRD	MG	LT	GN				PHC	4.00						Phyllic altered Granodiorite with patches of small clay altered/gougey fractures and some moderately developed fault zones (see secondary structures log). Abundant chlorite veinlets throughout at various angles. Calcite and quartz veinlets throughout. Patches of silic alteration/competent rock, but dominantly weak rock. Hematite stringers throughout. 9cm of pervasive hematite at end of interval.
														SIL	1.00						
			193.71	196.58	2.87	mKgW	GRD	MG	LT	GN	CR			PHC	4.00						Especially weak zone. Crackled texture with abundant chlorite stringers (netted/various orientations). Patches of weakly developed fault gouge.
202.49	211.13	8.64				mKgW	GRD	MG	LT	GN				SIL	4.00						Strongly phyllic altered Granodiorite with chlorite and hematite stringers. Overall weak (to moderate?) silic alteration. Calcite, quartz-carbonate and ankerite veins present. Pervasive hematite at 208m. Sulphides at 207.24m (see secondary structures log).
														PHC	4.00						
211.18	243.57	32.39				mKgW	GRD	MG	LT	GY				PHC	2.00			He	2.00		Patchy altered Granodiorite. Weakly phyllic through most of core, with patches of silic alteration. Patches of heavy hematite stringers. Chlorite stringers throughout. Heavy chlorite on fractures. Quartz-carbonate and ankerite veinlets present.
										GN				SIL	1.00						
			217.92	218.38	0.46	mKgW	GRD	MG	LT	GN				SIL	3.00						Silic and phyllic altered Granodiorite. Light green colour.
														PHC	3.00						
			223.68	224.07	0.39	mKgW	GRD	MG	LT	GN				SIL	3.00						Silic and phyllic altered Granodiorite. Light green colour.
														PHC	3.00						
			225.07	226.05	0.98	mKgW	GRD	MG	LT	GY				PHC	2.00						Argillic altered interval.
														ARG	2.00						
			226.05	226.65	0.60	mKgW	GRD	MG	LT	GN				PHC	4.00						Phyllic altered zone with small fault gouge occurring with heavy chlorite (zones <2cm each).
			226.65	232.90	6.25	mKgW	GRD	MG	LT	GN				PHC	2.00			He	20.00		Zone with more abundant hematite stringers and patches of pervasive dark-purple hematite. Quartz eyes present. Weaker than general interval with some developing fault gouge zones. More chlorite than general interval.
									LT	PU											
243.57	244.64	1.07				mKgW	GRD	FG	DK	PU				PRO	3.00			He	10.00		Zone with dark purple hematite staining and stringers. Pervasive netted hematite stringers. Quartz eyes and calcite veins present. Also 34cm of fine-grained, highly altered mafic(?) dyke. Highly altered and abundant chlorite.
									DK	GN											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
244.64	254.75	10.11				mKgW	GRD	MG	LT	GN				PHC	3.00			He	10.00		Similar to 211.38-243.57m, but more altered. Alternating weakly phyllic altered Granodiorite with hematite stringers and patches (making a purple tinge) with strongly phyllic altered zones. Extremely altered mafic-dyke(?) present (see secondary structures log). Patches with quartz eyes (associated with hematite). Calcite veins and abundant chlorite/hematite stringers present. Fault zone described in secondary structures.
									LT	PU											
254.75	258.46	3.71				mKgW	GRD	MG	DK	PU				SIL	5.00			He	20.00		Intensely silicified Granodiorite. Very purple to light green and dark green colours. Milky and smoky quartz blebs and veins throughout. Weak/friable weakly developed fault zone present (see secondary structures).
									LT	GN				PHC	3.00						
258.46	259.70	1.24				mKgW	GRD	MG	LT	WH				SIL	5.00						Intensely silicified Granodiorite. White, quartz-flooded with heavy blue-green chlorite on fractures. Heavy hematite staining at end of interval.
														PHC	1.00						
259.70	262.14	2.44				mKgW	GRD	MG	LT	GN				PHC	3.00						Extremely altered and veined zone. Phyllic, propylitic and silic patchy alterations. Colours ranging from light-green, dark-green, white and dark purple. Patches of pervasive hematite.
									DK	GN				PRO	3.00						
									LT	WH				SIL	3.00						
									DK	PU											
262.14	271.64	9.50					DYK	FG	DK	PU											Extremely altered mafic(?) dyke with pervasive fine netted chlorite stringers. No magnetism. Calcite veins and fracture hematite. Short section of Granodiorite within interval. Medium to dark green and purple colour. Gradational lower contact (or hematite bleeding into Granodiorite). 30cm patch of intensely silic altered Granodiorite within interval.
									MD	GN											
			267.79	269.45	1.66	mKgW	GRD	MG	LT	GN				PHC	4.00			Sp	1.00		Phyllic altered dyke with massive sphalerite bearing veins (see secondary structures log). Upper contact with dyke is gouge and milky quartz hosting cubic pyrite.
																<1					
271.64	280.30	8.66				mKgW	GRD	MG	MD	GN											Alternating phyllic and propylitic altered Granodiorite. Patchy light and green colouration. Fractures are heavily chloritized (dark blue-green). Generally coherent interval with a few weak zones. Becomes weaker near dykes. After 288m are small fractures with minor clay alteration/gouge.
									LT	GN											
280.30	283.00	2.70				LKqP	FEL	FG	DK	PU											Quartz-feldspar porphyritic dyke. Soft, weakly developed fault gouge zone. Brecciated at lower contact (dark-blue-fine matrix with fine grained dyke clasts, reacts to acid when scratched, 38 degrees to-core-axis). Patches of tan colour. At least 53cm of interval is soft, moderately developed gouge.
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
283.00	303.00	20.00				mKgW	GRD	MG	LT	GN				PHC	4.00	1.00					Strongly phyllic altered Granodiorite. Some fractures have millimetres of clay alteration/gouge. Vitreous chlorite-quartz veinlets throughout. Sulphides in milky quartz vein described in secondary structures log. Patches of weak/soft rock. Disseminated pyrite throughout, plus pyrite stringers and blebs. Rare quartz-carbonate veins hosting acicular sphalerite. Slickensides on some fractures.
			291.83	294.70	2.87	mKgW	GRD	MG	LT	GN				PHC	4.00	1.00					
																		Sp	4.00		Weak, altered, partly gouge Granodiorite with sulphide bearing milky quartz veins (sphalerite and pyrite; see secondary structures log).
303.00	307.18	4.18				mKgW	GRD	MG	LT	GN				PHC	2.00						Weakly phyllic altered Granodiorite. Slight green tint due to sericite. Abundant chlorite on fractures. Chlorite stringers and veinlets. Throughout. Sphalerite bearing quartz-carbonate veinlets throughout.
									LT	GY											
307.18	324.03	16.85				mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Moderate to strongly phyllic altered Granodiorite. Patches of weak/friable and gougey core. Many fractures have heavy chlorite. Sphalerite and pyrite hosted in quartz (and possibly quartz-carbonate) and orientated at various degrees. Sphalerite almost exclusively at beginning of interval, pyrite throughout.. Sulphide bearing veins and fault gouge described in secondary structures. Abundant chlorite.
																		Sp	<1		
			316.54	320.73	4.19	mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Zone with many weaknesses and stringers bearing pyrite. One smoky quartz vein hosting massive pyrite. Developing faults/cracks filled with clay and gouge.
			320.73	321.75	1.02	mKgW	GRD	MG	LT	GN				PHC	4.00						Strongly phyllic altered Granodiorite with many cracks filled with green clay (partly gouge zone).
324.03	332.52	8.49				LKqP	FEL	FG	LT	GY											Highly altered quartz-feldspar porphyritic dyke. Light grey-green colour. Upper contact is highly altered and gougey. Contact is soft for approximately 20cm into dyke. Calcite veins /veinlets throughout (some are offset/stepped). Some foliation of feldspar phenocrysts. Lower contact is gouge at 20 degrees to-core-axis.
									LT	GN											
			326.24	328.59	2.35	mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Interval of extremely altered Granodiorite. Selectively eroded (drill fluids?). Disseminated and blebby pyrite within smoky quartz veins. Aphanitic sulphides within gouge.
332.73	342.61	9.88				mKgW	GRD	MG	LT	GN				PHC	4.00						Strongly phyllic altered Granodiorite with some cracks filled with clay gouge. Dark-green chlorite-quartz veinlets present (very soft). Quartz-carbonate, calcite and quartz veinlets throughout interval. Minor ankerite and 36cm fault gouge zone also present (brecciated gouge zone?).
			333.45	342.61	9.16	mKgW	GRD	MG	LT	GN				PHC	4.00						2 bands of pervasive hematite in strongly phyllic altered Granodiorite. Dark-purple with quartz eyes and chlorite. Chlorite halo with peach coloured feldspars around bands (12cm and 16cm in widths).
342.61	353.84	11.23				mKgW	GRD	MG	DK	GN				PHC	4.00	<1					Patchy dark-green propylitic, light green phyllic and lesser amounts of moderate argillic alteration. Minor brecciation described in secondary structures. Patches of netted chlorite stringers and patches of weak/friable rock. Smoky quartz vein hosting pyrite also present.
									LT	GN				PRO	4.00						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														ARG	3.00						
			342.61	343.40	0.79	mKgW	GRD	MG	LT	GN				PHC	4.00						2 bands of pervasive hematite in strongly phyllic altered Granodiorite. Dark-purple with quartz eyes and chlorite. Chlorite halo with peach coloured feldspars around bands (12cm and 16cm in widths).
			343.96	353.86	9.90	mKgW	GRD	MG	DK	BL				PHC	4.00						3 occurrences of brecciation within phyllic altered Granodiorite. Blue, fine chlorite-rich matric with phyllic and potassic altered Granodiorite clasts.
			352.25	353.84	1.59	mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Phyllic envelope around smoky quartz vein. Vein hosts blebby pyrite and beige quartz-carbonate (ankerite?). Partly gouge zone.
353.84	377.04	23.20				mKgW	GRD	MG	DK	GN				PHC	1.00						Granodiorite with patchy alterations. Strong propylitic, moderate argillic, weak potassic alteration and trace phyllic alteration. Propylitic and argillic dominant. Phyllic alteration occurs as haloes around veins. Potassic alteration as distinct pink k-feldspar (usually more abundant biotite with potassic alt). Patches of strong silicification and hematite. Dark-green chlorite stringers throughout. Argillic zones are highly friable. Propylitic occurs as alteration and overprinting. Dense stringers (or brecciation within highly chloritized fine matrix.) occur at 368.10, 369.45, 368.77 and 376.40m
														PRO	3.00						
														POT	2.00						
														ARG	1.00						
			360.64	361.21	0.57	mKgW	GRD	MG	LT	GN				PHC	4.00						Phyllic altered zone with 4 quartz-pyrite stringers (see secondary structures).
																					EOH at 377.04m

KLAZA

Hole: DDH-KL-12-74B Logger Name:

Depth (m)		DESCRIPTION
155.77		Granodiorite is the hanging wall, dyke is the footwall. Abrupt contact with chloritized slickenside surface on the footwall fracture. 50 degrees to-core-axis.
156.10		Hanging wall is dyke, footwall is Granodiorite. Abrupt contact at 30 degrees to-core-axis. 4mm wide calcite vein at contact.
174.44		Granodiorite hanging-wall, dyke footwall.
174.78		Dyke footwall, Granodiorite hanging-wall.
262.14		Granodiorite hanging wall, dyke foot-wall. Abrupt contact.
271.64		Dyke hanging-wall, Granodiorite foot-wall. Gradational contact (or hematite bleeding into Granodiorite). Heavy hematite.
280.30		Granodiorite hanging-wall, dyke footwall. Fault gouge at 50 degrees to-core-axis. Abundant chlorite.
283.00		Dyke hanging-wall, Granodiorite foot-wall. Brecciation at contact. Dark-blue, fine, chlorite rich matrix with fine grained dyke clasts. Breccia reacts to acid. 38 degrees to-core-axis.
324.03		Granodiorite hanging-wall, dyke foot-wall. Highly altered fault gouge. Extremely clay altered.
332.52		Dyke hanging-wall, Granodiorite foot-wall. Fault gouge at 20 degrees to-core-axis.
154.76		Multiple small dykes (5) with abrupt contacts until 157.60.
157.60		Multiple small dykes (5) with abrupt contacts until 157.60.
	EOH	

KLAZA

Hole: DDH-KL-12-74B **Logger Name:** Nicole Marsh **Date:**

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
FX	63.19	64.24	1.05	43.00		2.00			Pervasive goethite staining around fractures (1.5-3cm) and limonite staining. 2 fractures.	
VN	63.42	63.87	0.45			1.00	Py	5.00	Sulphide-quartz vein with pervasive pyrite and intense limonite (dusty of fractures). Some clay/gouge material. Vuggy/pitted textures and smoky quartz veinlets. Minor quartz-carbonate. Fragmented (therefore true width is estimated; 15cm).	
VT	65.60	65.88	0.28	15.00		1.00	He	<1	Fine blue-grey veinlet (carbonate). 2mm in width. Stringers of hematite within vein.	
VT	66.35	66.48	0.13	32.00		1.00			White/grey carbonate (and quartz?) vein. 5mm.	
VN	69.57	69.73	0.16	30.00		1.00	Py	<1	Quartz vein with quartz-carbonate around edges. Blebs of pyrite. Some hematite and chlorite. True width of 2.2cm.	
VN	74.38	74.67	0.29	45.00		2.00	Py	2.00	Large sulphide-quartz vein with lesser amounts of navy-white quartz-carbonate veinlets within phyllic alteration. 2cm gouge zone included, 7mm navy quartz veinlets. Disseminated to pervasive pyrite (often blebby). Veins 5.2cm and 7.4cm.	
FLT	76.12	76.20	0.08			1.00			Small (1c) gouge/fault zone within phyllic altered Granodiorite.	
ST	76.38	76.43	0.05	70.00		2.00			Dark-blue quartz-carbonate stringers.	
VT	77.50	77.66	0.16	33.00		1.00			5mm quartz-carbonate veinlet. White and vitreous.	
VT	81.09	81.38	0.29	17.00		1.00			White/vitreous quartz-carbonate veinlet. 3mm in width.	
VN	84.88	85.00	0.12	30.00		3.00			Vitreous quartz-carbonate veins (3-6mm). Weak potassic alteration halo.	
VT	89.94	90.32	0.38			3.00			Vitreous quartz-carbonate veinlets (mostly quartz). 4mm and 5mm in width.	
VT	92.63	92.90	0.27	25.00		1.00	Qz	100.00	Vitreous quartz veinlets. 9mm, 3mm and 1mm in widths.	
						1.00	Py	10.00		
GO	92.76	93.21	0.45	25.00		1.00			Gouge vein zone. Pervasive clay alteration. Some grey sulphide gouge/oxidized sulphide-bearing vein (4cm).	
VT	94.67	95.22	0.55	20.00		5.00			5 quartz-carbonate white veins (with smoky quartz, 20 degrees to-core-axis, 8mm width) and veinlets (<1mm in width, 40 degrees to-core-axis).	
VT	95.87	96.38	0.51	20.00		1.00			Carbonate-quartz veinlet (2-5mm).	
GO	96.82	97.00	0.18	20.00		1.00			Gouge fault zone. Highly clay altered and friable material. Clay altered gouge for 2.2cm.	
FT	97.08	97.20	0.12	60.00		1.00	Py	1.00	Gouge fault zone for 6.5cm. Highly clay altered and friable material. Sulphide gouge within interval bearing blebs of pyrite.	
GO	98.17	98.70	0.53	30.00		1.00			Excellent zone. Pervasive clay altered fault gouge. Some dark-grey sulphide gouge.	
VN	98.75	99.97	1.22	30.00		2.00			Sulphide bearing quartz vein. Some clay alteration/partly gouge material (soft). Pervasive blebby pyrite. Beige quartz (or quartz-carbonate with minimal carbonate), smoky quartz and dark-blue fine aphanitic sulphides. 2 veins with stringers/veinlets in the centre. Wavy aligned texture to minerals. Large vein is 4.2cm and smaller vein is 1.2cm.	
FT	98.99	99.25	0.26	25.00		1.00			3cm wide fault zone. Soft and clay altered.	
VN	99.25	99.37	0.12	45.00		1.00	He	2.00	Smokey quartz vein hosting blebby pyrite, hematite and heavy chlorite. Slightly boutinaged (?).	
							Ct	10.00		
							Py	2.00		
VN	100.03	101.78	1.75	50.00		2.00	Py	2.00	Two 18cm milky quartz veins at 48 degrees to-core-axis. Highly altered, soft gouge/partly gouge zone with aphanitic sulphides and pyrite. Hematite around quartz veins. Dark-grey aphanitic material at 100m with large blebs of pyrite (i.e.. 2x3cm). 4 white quartz veins, 2 navy coloured small veins hosting hematite and pyrite (1-2cm in width). Rest of interval is gouge or dark-sulphide gouge.	
							He	1.00		
FT	101.54	101.76	0.22	40.00		2.00			Small fault/gouge zones. Highly phyllic altered.	
ST	102.00	102.34	0.34	50.00		8.00			Chlorite and quartz-carbonate stringers.	
FT	103.01	103.09	0.08	65.00						

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	107.96	113.02	5.06	50.00		10.00	Py	<1	10 small fault/gouge zones ranging in 20,40,50,55 and 60 degrees to-core-axis. 3mm of gouge up to 4cm. Very green. Clay altered. Abundant hematite and chlorite stringers throughout interval. Disseminated pyrite throughout interval.	
ST	108.54	109.08	0.54	45.00		5.00	He	5.00	Numerous chlorite stringers at 45-50 degrees to-core-axis, 5 hematite stringers, and quartz-pyrite veinlets up to 1cm in width. Some gouge/clay alteration on fractures.	
							Ct	20.00		
							Py	1.00		
ST	109.54	109.73	0.19	50.00		1.00	He	30.00	Pervasive dark-purple hematite and pervasive chlorite. Dense dark-purple and red zone. Milky quartz vein and netted hematite stringers.	
							Ct	30.00		
ST	111.42	111.62	0.20			1.00			Stockwork of hematite stringers.	
ST	114.19	115.29	1.10	50.00		1.00	He	10.00	Similar zone as listed above. Pervasive hematite and chlorite. Many dark-purple hematite stringers (orientation is based on dense accumulation of stringers). Small milky quartz veinlets. Minor clay alteration. No visible sulphides.	
							Ct	10.00		
VT	115.29	115.67	0.38			7.00			White-grey quartz veinlets (with minor quartz-carbonate) with hematite and chlorite stringers splaying off from main veinlet.	
ST	116.90	117.06	0.16	70.00		1.00			Pervasive dark hematite stringers (and goethite?) and black bands up to 8.8cm, haloed by blood-red hematite. Adjacent fractures coated in pervasive hematite.	
VT	118.00	118.38	0.38	40.00		5.00			Dark-green chlorite-quartz vein and hematite stringers within highly altered core. Many gouge/weak fractures/joints. Approximately 4 stringers at 60 degrees to-core-axis and 1 quartz-carbonate vein at 40 degrees to-core-axis (1.4mm in width).	
ST	122.13	122.47	0.34	65.00		1.00			Black interval of hematite and dark blue-green chlorite with milky quartz veinlets. Dense purple/black colour for 23cm. Many hematite stringers.	
VT	123.13	123.38	0.25	40.00		6.00			Carbonate (+quartz) white veinlets. <1mm to 3mm in width.	
FT	124.04	126.82	2.78	23.00		3.00			Fault zones. Mint green clay altered gouge and partly gouge zones. At least 3 fault zones.	
				45.00						
				50.00						
FT	128.97	136.55	7.58	90.00		10.00	Py	<1	Small fault zones. Clay gouge in green phyllic altered interval. Mint green colour. Disseminated and blebby pyrite in some fault zones. At least 9 zones of fault gouge or developing fault gouge. 25cm of gouge at 135.65 (disseminated pyrite, unknown angle). Blebby pyrite at 135.04 (1cm in width, 90 degrees to-core-axis). Overall light green colour with many clay altered fractures.	
FT	128.97	129.08	0.11	51.00		4.00			Green gouge clay altered fault zone.	
VT	129.55	129.64	0.09	40.00		1.00			Bands of chlorite and quartz veinlets (1.4mm in width).	
VT	130.87	131.00	0.13	34.00		2.00			Chlorite and quartz veinlets. 1.2cm and 1mm (and another at 45 degrees, 2mm in width).	
VT	131.18	131.22	0.04	60.00		1.00			Small quartz-sulphide vein with abundant stringers. Blue and white vein hosting disseminated pyrite. Minor gouge around vein. 5mm in width.	
VN	131.76	131.82	0.06	60.00		1.00			Small, very green, moderately developed fault zone. Clay alteration and some gouge. 1.8cm true width.	
FT	132.00	132.67	0.67	56.00		1.00			Overall weakly developed fault zone with 2 well developed gouge/clay altered zones (at 24 and 56 degrees to core-axis). Gouge is mint green.	
VT	132.65	132.71	0.06	70.00		1.00			Chlorite and quartz vein. Vibrant/dark green with gougey/clay altered mint green material. True width 1.8cm.	
ST	133.72	134.00	0.28	90.00		9.00			Many dark purple and red hematite stringers (dense occurrence at 90 degrees to-core-axis and other stringers at 70 degrees). Red hematite on fracture.	
FT	134.58	135.02	0.44	43.00		1.00			Weakly developed clay gouge/fault zone. 1.5cm of heavy clay gouge. 43 degrees to-core-axis.	
VN	135.04	135.06	0.02	90.00		1.00	Py	<1	1.4mm clay altered quartz veins hosting blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FX	135.08	135.14	0.06	50.00		2.00			Small fractures with gouge. 4mm wide.	
FT	135.47	135.93	0.46	50.00		1.00	Py	<1	Fragmented to strongly clay altered fault zone hosting disseminated pyrite. Minor grey sulphide gouge.	
VN	136.24	136.41	0.17	25.00					White quartz-carbonate vein (14mm) in weak, friable, weakly clay altered rock (very weakly developed fault zone). Parts of vein are slightly offset/faulted.	
FT	136.49	136.54	0.05	55.00		1.00			2.3cm of fault gouge. Mint green colour.	
ST	137.00	137.56	0.56	53.00					Abundant grouped hematite stringers at 53 degrees to-core-axis, cut by milky quartz veins at 24 and 70 degrees. Thin quartz stringers splaying from main veins. Hematite stringers at various orientations. Heavy chlorite and hematite on proximal fractures.	
FT	137.56	138.98	1.42	60.00		2.00			Weakly developed fault zone with soft, clay altered rock and minor gouge.	
VN	138.85	139.95	1.10	80.00					Clay and phyllic altered Granodiorite with minor gouge and 2 veins. 2 quartz veins at 80 degrees to-core-axis (1.4cm in width, dark-blue and white).	
VN	139.50	139.63	0.13	50.00		1.00	Qz	100.00	Smoky quartz vein. 1 cm in width.	
VN	139.98	140.41	0.43	60.00		4.00	Qz	100.00	Dark-grey/dark-purple (hematite stained?) quartz veins. 1-2cm in width. Intensely chloritized and hematite on proximal fractures. Some clay alteration/gouge on fractures.	
VT	140.42	140.56	0.14	50.00		1.00	Py	1.00	Sulphide bearing quartz veinlet set in blebs of aphanitic sulphides. <1cm pyrite veinlet and 1.5cm milky quartz vein at 50 degrees to-core-axis (surrounded by disseminated pyrite and blebs of hematite). Clay alteration and gouge on fractures. Extremely weak interval. 1.2cm of gouge at 60 degrees to-core-axis.	
VN	140.68	141.00	0.32	80.00		3.00			Dark-purple hematite stained veinlets up to 8mm and quartz-hematite stringers. Stringers and veinlets cut by white/pink quartz veinlet (8mm in width).	
ST	141.18	141.65	0.47	50.00					Abundant dark-blue stringers and patches of pervasive hematite. 1 milky quartz vein and stringers at various orientations. Dominant angle of 50 degrees to-core-axis.	
FT	141.65	141.90	0.25	1.00		1.00			Clay altered fault gouge. Highly clay altered. Light green colour.	
FT	142.09	142.16	0.07	45.00		1.00			Well developed fault gouge. Highly clay altered. Light green colour.	
ST	142.35	142.86	0.51	50.00		8.00			Quartz carbonate stringers at 50 degrees to-core-axis.	
FT	144.33	144.86	0.53	30.00		3.00	Py	<1	3 fault gouge zones. Mint green colour. Clay altered. Trace disseminated pyrite.	
VT	144.85	144.91	0.06	40.00		1.00			Band of intense hematite staining at 65 degrees to-core-axis (3.2cm in width) cut by 2 milky quartz veins at 40 degrees to-core-axis (5mm in width).	
VN	146.83	146.95	0.12	65.00		1.00			Band of crustiform quartz veins (at 60 degrees to-core-axis) offset by a small fault at 50 degrees (in opposing direction). Offset by 1cm. Set in zone of pervasive dark-purple hematite and chlorite.	
VN	147.50	147.55	0.05	48.00		1.00			Green chlorite and quartz vein hosting disseminated pyrite. 1cm width. Proximal fractures heavily chloritized.	
VT	149.52	149.76	0.24	40.00		2.00	He	1.00	Quartz-carbonate veinlets (2mm) and blebs of silicification around veinlets. Minor hematite.	
VN	153.67	153.83	0.16	50.00		5.00	He	1.00	1 dark-blue and red hematite vein (1.2cm with some white quartz), 1 milky quartz vein, 3 chlorite/hematite stringers.	
VT	154.76	155.00	0.24	50.00		1.00			White quartz and carbonate veinlets with crustiform texture. Stringers splaying off from main veins (7 and 9mm). 45 and 55 degrees to-core-axis. Thin clay on fractures, heavily chloritized.	
DY	155.57	156.60	1.03	50.00		1.00			Extremely altered (mafic?) dyke. Aphanitic, vibrant shades of green with tendrils of abundant netted hematite stringers. Not magnetic.	
DY	156.39	156.65	0.26	60.00		2.00			2 Extremely altered (mafic?) dykes. Aphanitic, vibrant shades of green with tendrils of abundant netted hematite stringers. Not magnetic. 5.2cm each.	
DY	157.29	157.34	0.05	70.00		1.00			Extremely altered (mafic?) dyke. Aphanitic, vibrant shades of green with tendrils of abundant netted hematite stringers. Not magnetic.	
DY	157.58	157.60	0.02	90.00		1.00			Extremely altered (mafic?) dyke. Aphanitic, vibrant shades of green with tendrils of abundant netted hematite stringers. Not magnetic.	
VT	157.94	158.02	0.08	60.00		1.00			8mm calcite veinlet adjacent to a 9mm green chlorite band.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
DY	159.65	159.77	0.12	45.00		1.00			Extremely altered (mafic?) dyke. Aphanitic, vibrant shades of green with tendrils of abundant netted hematite stringers. Not magnetic. 2.6 cm in width.	
XE	161.03	161.18	0.15			1.00			Chloritized xenolith. Finer, darker grained intrusive. Rounded.	
VT	162.36	162.42	0.06	43.00		1.00			2mm white quartz-carbonate veinlet.	
FT	164.60	164.95	0.35						Fault zones. Heavy hematite and chlorite, clay altered, 60 and 25 degrees to-core-axis.	
FT	166.20	166.28	0.08	40.00		1.00			Mint/light green coloured fault zone with clay altered gouge. Approximately 4.5cm in width.	
VN	166.30	166.38	0.08	40.00		1.00			Green quartz vein with white-pink ankerite. 3.2cm in width.	
ST	167.18	167.30	0.12	55.00		7.00			Abundant hematite and chlorite stringers (at least 7). Average angle of 55 degrees to-core-axis.	
VN	167.89	168.16	0.27	22.00		1.00			Quartz vein. Banded milky, smoky quartz and breccia (chlorite and quartz matrix with clasts of white/vitreous quartz), 5.9cm in width.	
ST	168.86	169.70	0.84						Numerous netted, dark purple hematite stringers (and chlorite stringers).	
FT	172.74	172.82	0.08	35.00					Weakly developed fault zone. Light purple against dark purple extremely altered Granodiorite.	
ST	175.00	175.15	0.15	30.00		6.00			Abundant dark-purple and red hematite stringers/veinlets. Average orientation of 30 degrees to-core-axis. At least 6 stringers.	
ST	177.35	177.45	0.10	35.00		1.00			Dense accumulation of hematite stringers in heavily hematite stained and altered zone. Netted at a general angle of 35 degrees to-core-axis.	
VT	180.12	180.25	0.13	40.00		2.00			Two 3mm chlorite-quartz-carbonate veinlets.	
VN	181.06	181.12	0.06	40.00		1.00			Hematite-chlorite-quartz vein. 17mm in width.	
ST	182.72	182.76	0.04	66.00		1.00			Densely netted hematite stringers and 3mm dark chlorite band. Minor carbonate and clay alteration in adjacent fractures.	
VN	184.29	184.36	0.07	50.00		2.00			1.5cm milky quartz and smoky/blue quartz vein (+2mm quartz-carbonate stringer).	
FX	185.23	185.80	0.57						Fractures with heavy hematite staining. 25,50,40,75 and 60 degree to-core-axis. Many hematite stringers within interval.	
FX	186.61	186.71	0.10	18.00					Fracture separating mottled phyllic and hematite stained Granodiorite with mint green phyllic altered zone (with a patch of pervasive hematite and chlorite, dark purple and green).	
FT	188.70	189.29	0.59	25.00		1.00	Py	<1	Soft grey aphanitic sulphide (almost gouge) bordering phyllic altered Granodiorite and moderately developed fault gouge zone. Aphanitic sulphides almost horizontal (except for beginning and end; 23 degrees at beginning, 30 degrees to-core-axis at end). 4cm of moderate potassic alteration at end of gouge.	
FT	189.91	190.70	0.79	13.00		1.00			Weak, phyllic altered rock (partly gouge). Minor clay alteration. Dark-grey aphanitic sulphide gouge at beginning of interval. 2 bands, 6cm each.	
VN	191.84	196.89	5.05	80.00		1.00			Quartz, hematite, and calcite banded vein. 3.2cm in width.	
FT	195.24	195.44	0.20	25.00		1.00			Weakly developed fault gouge. Mint green colour. 4.6cm true width.	
VT	197.70	198.09	0.39	10.00		1.00			White calcite veinlet bordered by purple hematite. 7mm in width.	
VN	198.35	198.40	0.05	85.00		1.00			Crustiform ankerite and white quartz with clasts of calcite within vein. 3.4cm in width.	
VN	200.69	200.87	0.18	22.00		1.00			Calcite and grey vitreous quartz vein. 1.4cm in width.	
VN	201.68	201.82	0.14	15.00		1.00			Smoky quartz vein hosting disseminated pyrite (and quartz-carbonate). 1.4cm in width.	
FT	202.37	202.42	0.05	20.00		1.00			Fault gouge (weakly developed) bordering highly altered granodiorite (with pervasive hematite).	
VN	207.26	207.46	0.20	75.00		1.00			BRX ZONE. Milky quartz vein hosting massive sulphides. Very little quartz showing dominated by massive sulphides. Arsenopyrite, pyrite, sphalerite and chalcopyrite present. Acicular and radiating arsenopyrite present. 3.4cm wide dark black vein (aphanitic sulphides) with disseminated pyrite and trace disseminated pyrite, then 6.6cm of gouge (hosting sulphide gouge and massive sulphides) than 6.4cm of massive sulphides. Modal percentage is based off of main massive sulphide-quartz vein. Some banding of sulphides. Disseminated pyrite and arsenopyrite in surrounding Granodiorite. Upper contact with vein is at 60 degrees to-core-axis, lower contact at 75-80 degrees. Last pyrite stringer and evidence of disseminated pyrite at 147.58m.	
DY	207.85	208.11	0.26			1.00			Dark, fine grained zone. Pervasive hematite. Not sure if dyke or just pervasive hematite staining.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	209.18	209.32	0.14	40.00		2.00			2 pink-white crustiform ankerite veins. ~1cm widths.	
ST	211.00	226.40	15.40				Py	<1	Quartz-chlorite and hematite stringers (~3 per meter). 25-75 degrees to-core-axis. Infrequent pyrite stringers.	
VN	212.17	212.87	0.70	65.00		1.00			Smoky quartz and hematite vein (dark-purple) and chlorite stringers.	
FT	226.10	228.73	2.63	60.00		9.00			Small faults/gougey fractures bordered by chlorite stringers and veinlets at a variety of angles (50,55,60,75,90 degrees to-core-axis). 2mm to 1.4cm in width.	
VT	233.13	233.24	0.11	50.00		1.00	Ca	100.00	White calcite veinlet (6mm in width).	
ST	235.35	243.50	8.15	50.00					Bright green chlorite veins and stringers at a variety of orientations. Associated with clay alteration/thin gouge. Calcite stringers throughout. Angles of green chlorite stringers include 10, 20, 40 and 50 degrees to-core-axis. Angles of calcite veins are 50 degrees to-core-axis.	
VN	234.74	235.86	1.12	35.00					Chlorite (and sericite?) quartz-carbonate and ankerite vein in soft, friable Granodiorite. Possibly developing fault zone. Crumbles easily.	
GO	237.25	237.35	0.10						Moderately developed fault gouge zone.	
ST	243.50	244.29	0.79	25.00		4.00			Netted hematite stringers (dense) cut by calcite veins at 20-30 degrees to-core-axis.	
DY	244.29	248.64	4.35	45.00					Extremely altered, fine grained dyke with abundant hematite stringers, chlorite stringers (dark blue-green) and green colouration. First dyke is cut by calcite vein at 20 degrees to-core-axis (calcite vein is rimmed by pervasive hematite). 20cm, 12cm, 17cm and 10cm widths. Average angle of 45 degrees to-core-axis.	
ST	246.96	254.75	7.79						Abundant hematite stringers, smoky quartz veinlets, chlorite stained veinlets and carbonate veinlets throughout interval. Majority of structures at ~60 degrees to-core-axis.	
FT	250.30	250.60	0.30	12.00		1.00			Developing fault zone at ~12 degrees to-core-axis.	
VN	251.65	253.15	1.50	75.00		1.00	Ca	100.00	1.9cm wide white calcite vein at 85 degrees to-core-axis (+ 2 veinlets at 70 degrees to-core-axis). Associated with bright green chlorite.	
VT	254.78	258.17	3.39	40.00		10.00			Quartz-carbonate veinlets within highly silicified zone. 30-70 degrees to-core-axis. Most at 40 degrees.	
VT	254.78	258.17	3.39	30.00		7.00			Smoky quartz veinlets at 30-55 degrees to-core-axis (most at 30 degrees). Abundant quartz eyes within interval.	
FT	257.02	257.18	0.16			1.00			Gougey, hematite stained fault zone. Weak, soft material. Abundant chlorite around zone. 2.4cm wide.	
FT	260.75	261.00	0.25	48.00		2.00			Weakly to moderately developed fault gouge zones. Dark blue-green clasts within zones (pervasive chlorite) and hematite.	
VN	263.86	263.89	0.03	75.00		1.00			Calcite hematite vein. 8mm true width.	
VT	264.36	264.41	0.05	50.00		1.00	Ca	100.00	5mm white calcite vein.	
ST	264.90	265.29	0.39	22.00		2.00	Ca	80.00	Calcite and hematite vein (red, dusty; fracture hematite?). Variable width 3mm to 1.4cm. 22 and 55 degrees to-core-axis.	
							He	20.00		
FT	267.36	268.00	0.64			1.00	Ct	50.00	Gouge fault zone with heavy chlorite. Brecciated gouge zone. Clasts of propylitic and phyllic altered Granodiorite. At contact with dyke.	
VN	269.06	269.20	0.14	18.00		1.00	Sp	5.00	Massive sphalerite hosted in milky/vitreous quartz veins with thin occurrences of hematite throughout. Veinlets bearing massive sphalerite branching off of main vein at 10 degrees to-core-axis. Main massive vein at 18 degrees to-core-axis (bleb of pyrite within vein). Veinlets up to 5mm at various angles. Calcite veins/veinlets and beige quartz-carbonate veinlets also within interval (at 15-20 degrees to-core-axis).	
							Py	<1		
VT	270.88	274.00	3.12	60.00		16.00	Sp	<1	Quartz (and quartz-carbonate?) stringers bearing disseminated to massive sphalerite at various angles. Most common angle of 60 degrees to-core-axis. At least 16 stringers/veinlets from <1mm to ~5mm.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	275.89	275.93	0.04	55.00		1.00			5mm milky and smoky quartz-carbonate vein hosting disseminated and acicular sphalerite.	
FT	280.32	281.22	0.90	50.00					Fault gouge zone at contact with dyke. Abundant dark-green chlorite. Angles varying within interval (i.e. fractures, contacts), but ~5 degrees for upper contact and ~20 degrees for lower contact.	
VT	284.21	285.96	1.75	40.00		5.00	Ca	100.00	Calcite veinlets up to 1cm in width. White. Variety of angles: 40, 70, 20 degrees to-core-axis (most abundant angle is 40 degrees).	
VN	284.95	285.08	0.13	40.00					Acicular sphalerite and minor blebby quartz in milky and vitreous quartz vein.1.4 cm true width. Hematite and dark veinlets hosting acicular and aphanitic sulphides present.	
ST	283.39	287.00	3.61	35.00		16.00	Sp	<1	Dark quartz-carbonate stringers with most hosting sphalerite. Approximately 16 stringers at various angles. Several at 35 degrees to-core-axis.	
FT	288.35	291.59	3.24			8.00			Small fault zones. Clay altered/gouge. Associated with heavy chlorite. 40, 75, 50 degrees to-core-axis. Thin fractures with clay alteration to 3cm of gouge.	
VN	292.15	292.56	0.41	30.00		2.00	Py	3.00	Vitreous white and smoky quartz veins hosting aphanitic sulphides and blebs and pyrite, with lesser amounts of sphalerite. Veins within weakly developed fault zone (partly altered to gouge). Veins 1.2cm in width.	
							Sp	<1		
ST	291.88	293.77	1.89	55.00		7.00	Py	2.00	Pyrite stingers hosted in smoky quartz with disseminated pyrite throughout interval. Blebs of pyrite within quartz blebs \9milky and smoky). Partly altered to gouge Granodiorite interval. 75, 55 degrees to-core-axis. At least 7 stringers.	
VN	294.90	295.60	0.70			1.00	Py	2.00	Sphalerite and blebs of pyrite hosted in milky quartz vein. Abundant milky quartz in weak, partly gouge zone. Also, stringers hosting sphalerite at 30 degrees to-core-axis.	
VT	299.92	300.08	0.16	40.00		1.00			Dark-grey veinlets of fine, unknown mineral (aphanitic sulphides?) and smoky quartz.	
VT	300.46	300.56	0.10	55.00		1.00			Quartz-carbonate, hematite and trace sphalerite veinlets.	
ST	302.95	303.10	0.15	18.00		4.00			Stringers of fine-dark chlorite.	
VT	304.42	307.39	2.97	40.00		16.00	Sp	<1	At least 16 veinlets hosting acicular and disseminated sphalerite. Fizzes strongly to acid (quartz-carbonate veinlets?). Last 2 veins have blebs of sphalerite and minor blebs of pyrite. Angles of 40, 70 and 65 degrees to-core-axis.	
				65.00						
				70.00						
VT	307.59	307.66	0.07	40.00		1.00	Py	<1	Smoky quartz veinlet hosting disseminated pyrite.	
VT	309.93	309.95	0.02	80.00		1.00			Quartz-carbonate veinlet hosting sphalerite and haloed by disseminated pyrite.	
FT	311.33	311.93	0.60	47.00		1.00	Py	1.00	Weakly developed friable fault zone. Strong phyllic alteration.	
VT	318.15	318.65	0.50	25.00		1.00			Disseminated and blebby pyrite hosted in smoky quartz veinlet.	
FT	316.96	319.98	3.02	80.00		6.00	Py	<1	Moderately developed fault gouge with dark-grey aphanitic sulphide gouge. Disseminated pyrite in some zones. 4-13cm in widths. Approximately 80 degrees to-core-axis.	
VN	319.44	319.68	0.24	55.00		1.00	Py	20.00	Massive pyrite, minor sphalerite and black aphanitic sulphides hosted in quartz vein (quartz not visible). Weak rock with minor gouge. True width is 9.3cm for dark and massive sulphides.	
							Sp	4.00		
FT	320.28	321.41	1.13	45.00		1.00			Weakly developed fault gouge. Many cracks with clay alteration.	
VT	323.79	323.89	0.10	60.00		1.00	Py	<1	Dark-fine mineral (aphanitic sulphide?) and disseminated pyrite hosted in smoky quartz vein.	
FT	323.98	324.08	0.10	41.00		1.00			Contact with dyke is sheared/gougey/extremely clay altered. 2cm of intense clay altered gouge.	
FO	325.38	326.26	0.88	40.00					Foliation of feldspar phenocrysts at 40 degrees to-core-axis.	
VN	326.53	326.92	0.39	45.00		1.00	Py	1.00	Moderately developed fault zone. Pitted/differentially weathered (from drill fluids?). 4 sulphide bearing smoky quartz veinlets. Blebby and disseminated pyrite. 24 and 45 degrees to-core-axis.	
				25.00						
VT	328.78	332.10	3.32	53.00		4.00			Calcite veinlets offset, blebby or pinching out. One vein has an angle of 5 degrees to-core-axis.	
FT	332.30	332.62	0.32	25.00		1.00	Py	1.00	Contact from dyke into Granodiorite is faulted, and gougey with fragmented quartz vein. Smoky quartz vein hosting disseminated pyrite and dark aphanitic sulphides. 20-30 degrees to-core-axis.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	333.45	343.40	9.95	55.00		8.00			Weakly developed fault zones. Very green and phyllic altered. Slight/minor brecciation. Most common angle is 55 degrees to-core-axis.	
VN	334.68	335.36	0.68	40.00		2.00			White calcite veins with (+- ankerite). 40 and 25 degrees to-core-axis.	
				25.00						
VT	337.30	339.95	2.65	60.00		1.00	Py	<1	Quartz-carbonate, hematite, chlorite and smoky quartz veinlets with trace disseminated pyrite. Variable angles.	
ST	342.95	349.10	6.15			4.00			Patch of dark-green-blue netted chlorite stringers.	
FT	352.76	353.34	0.58			1.00			Fault gouge zone. Moderately developed. Beginning of interval is smoky quartz vein and quartz-carbonate. Smoky quartz veins hosts blebby pyrite and aphanitic sulphides.	
VN	354.54	354.56	0.02	80.00		1.00			Hematite stained quartz vein. 1cm l width.	
ST	356.14	356.41	0.27			1.00			Densely netted chlorite stringers (almost looks like brecciation).Pervasive chlorite on proximal fractures.	
VN	359.04	360.07	1.03	70.00		3.00			1cm wide calcite vein and 2 blebs of calcite. Vein at 70 degrees to-core-axis.	
VT	360.64	361.21	0.57	45.00			Py	<1	Smoky quartz veinlets hosting disseminated to blebby pyrite and aphanitic sulphides. Phyllic halo around veins. 80, 25 and 50 degrees to-core-axis.	
VT	362.90	367.26	4.36	10.00		7.00			Calcite and quartz carbonate veinlets at various orientations (10, 30, 60 degrees to-core-axis). One vein is pink ankerite.	
				30.00						
				60.00						
ST	367.60	367.73	0.13	40.00		3.00			Chlorite stringers at 40 degrees to-core-axis.	
ST	372.00	377.71	5.71	40.00		1.00			Quartz-carbonate veins and veinlets at 40 degrees to-core-axis (dominantly). Some minor netted textures (chlorite infilling cracks?). Few veinlets are stepped.	
ST	375.66	375.98	0.32	40.00		1.00			Pervasive chlorite. Heavily netted chlorite stringers. Potassic alteration.	
VN	377.72	377.79	0.07	60.00		1.00			Ankerite and quartz-carbonate vein. 1.2cm in width.	
									EOH	

KLAZA

Hole: DDH-KL-12-74B **Date:**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
97.48	9.2	6.3	787.9	508.8	GRD	MA	PHC	4			2.747339	2.823003	Strongly phyllic altered granodiorite. Coherent rock in highly faulted/gougey zone.
116.96	10.1	6.3	826.9	556.7	GRD	MA	PHC	3			2.626399	3.060326	Phyllic altered with three hematite veinlets (approximately 3mm) and stingers.
122.23	9.2	6.3	768.7	495	GRD	MA					2.680391	2.80855	Densely hematite oxidized, black/red interval with blood red hemaite stringers and blebs of milky quartz.
134.85	8.2	6.3	713.1	444.9	GRD	MA	PHC	4			2.789752	2.658837	Strongly phyllic altered HRD with hematite stringers and trace pyrite. Fractures around interval have heavy hematite staining.
142.4	10.2	6.3	852	528.4	GRD	MA	PHC	4			2.679591	2.63288	Strongly phyllic altered grandodiorite. Dark quartz veinlet through part of core.
157.62	11.9	6.3	951.8	596.3	GRD	MA	PRO	2			2.565829	2.677356	Propylitic altered grandodiorite. Quartz eyes and pervasive hematite stringers.
							SIL	3					
167.24	10.2	6.3	864.3	539.1	GRD		PHC	3	He	20	2.718275	2.657749	Heavily altered granodirotite with abundant hematite stringers and staining. Quartz eyes within interval.
174.095	10	6.3	959.8	638.4	DYK						3.079001	2.98631	Highly altered, fine grained dyle (altered mafic dyke? Not magnetic). Very dark-purple and green frokm chlorite and hematite.
187.32	9.7	6.3	838.2	528.9	GRD	MA	PHC	3	He	3	2.772075	2.70999	Strong phyllic altered granodiorite with patches of red hematite staining and trace disseminated pyrite.
									Py	<1			
199.89	10	6.3	847.1	528	GRD	MO	PHC	3	He	2	2.717463	2.654654	Phyllic altered with red and green patches of hematite and chlorite.
204.21	9.9	6.3	891.2	553	GRD	MO	PHC	3			2.887813	2.635127	Green and red mottled, phyllic altered granodiorite with hematite.
225.45	10.1	6.3	812.5	496.4	GRD	MA	ARG	2			2.580661	2.570389	Weakly argillic altered granodiorite.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
230.91	9.9	6.3	828.6	524.5	GRD	MA	SIL	3			2.684966	2.724762	Moderately silic altered granodiorite with abundant chlorite and hematite stringer and quartz eyes.
243.18	10	6.3	838.6	520.5	GRD	MA	PHC	2			2.690196	2.636278	Granodiorite with dark green chlorite stringers.
							PRO	2					
255.52	10	6.3	828	512.6	GRD	MA	SIL	5			2.656191	2.625238	Intensely silicified granodiorite with abundant chlorite and hematite. Milky quartz present.
							PRO	2					
267	9.9	6.3	925.3	633.5	DYK						2.998309	3.171008	Highly altere, fine grained mafic(?) dyke. Fine dark stringers.
271.64	18.4	6.3	1577	1162	GRD	MA	PHC	4	Sp	1	2.749431	3.8	Strongly phyllic altered with 6 quartz vienlets hosting sphalerite.
282.57	10.2	6.3	788	484.2	FEL	PO					2.478307	2.593812	Dark purple quartz-feldspar porphyry dyke with fine dark stringers.
299.33	9.7	6.3	828.1	517.2	GRD	MA	PHC	4			2.738672	2.663557	Strongly phyllic altered granodiorite.
303.54	9.9	6.3	833.3	513.8	GRD	MA	PHC	2			2.700195	2.608138	Weakly phyllic altered granodiorite with chlorite stringers.
324.61	9.6	6.3	774.4	475	FEL						2.587755	2.586506	Fine, extremely altered, very green dyke. Quartz-feldspar porphry dyke (?)
350.39	9.4	6.3	752.9	450.8	GRD		PRO	4			2.56944	2.492221	Moderately argillic and strong propylitic altered granodiorite.
							ARG	3					
347.43	9.2	6.3	739.1	442.6	GRD		PRO	4			2.577178	2.492749	Moderately argillic and strong propylitic altered granodiorite.
							ARG	3					
361.45	9.5	6.3	781.4	480.1	GRD	MA	PRO	4			2.638632	2.593428	Dark blue-green, strongly propylitic altered granodiorite.
374.41	6.7	6.3	554.1	345.4	GRD	MA	PHC	1	He	5	2.653031	2.655007	Phyllic altered granodiorite with strong propylitic overprinting. Flecks of strong red hematite.
							PRO	4					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
375.44	10.2	6.3	852.6	531.3	GRD	MA	PRO	4	He	5	2.681478	2.653595	Very weakly crustiform milky wuarts and ankerite vein (1cm) within strongly propylitic altered granodiorite. K-feldspar halo around vein (potassic alteration). Some hematite.
							POT	3					
							PHC	1					
													EOH

KLAZA

Hole: DDH-KL-12-74B **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	44.07									No sampling.
44.07	45.07	1.00	0.99	99	M895244	2				
45.07	46.10	1.03	0.88	85.4	M895245	2				
					M895246	2				BLANK
46.10	47.85	1.75	1.60	91.4	M895247	2				
47.85	49.68	1.83	1.26	68.9	M895248	2				Friable, lost core
49.68	51.51	1.83	1.83	100	M895249	2				
51.51	53.15	1.64	1.64	100	M895250	2				
53.15	55.47	2.32	1.52	65.5	M895251	2				lost core
55.47	57.00	1.53	1.52	99.3	M895252	2				
57.00	58.50	1.50	1.50	100	M895253	2				
58.50	60.05	1.55	1.40	90.3	M895254	2				
60.05	61.55	1.50	1.50	100	M895255	2				
61.55	63.23	1.68	1.66	98.8	M895256	2				
63.23	64.23	1.00	1.00	100	M895257	2				
64.23	65.23	1.00	0.95	95	M895258	2				
					M895259	2				1/4 DUPLICATE
65.23	66.79	1.56	1.56	100	M895260	2				
66.79	69.18	2.39	2.39	100	M895261	2				
					M895262	2				STD-KL-2
69.18	70.42	1.24	1.22	98.4	M895263	2				
70.42	72.99	2.57	2.57	100	M895264	2				
					M895265	2				COARSE REJECT DUPLICATE
72.99	73.99	1.00	0.93	93	M895266	2				
73.99	74.99	1.00	1.00	100	M895267	2				
74.99	76.00	1.01	1.00	99	M895268	2				
76.00	77.85	1.85	1.85	100	M895269	2				
77.85	80.85	3.00	2.70	90	M895270	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M895271	2				STD-KL-2
80.85	82.11	1.26	1.26	100	M895272	2				End of Batch 74-2
82.11	83.40	1.29	1.29	100	M895273	3				Start of Batch 74-3
83.40	86.40	3.00	2.80	93.3	M895274	3				
					M895275	3				STD-KL-2
86.40	88.44	2.04	2.04	100	M895276	3				
88.44	90.53	2.09	2.08	99.5	M895277	3				
90.53	91.34	0.81	0.80	98.8	M895278	3				
91.34	92.34	1.00	1.00	100	M895279	3				
92.34	93.34	1.00	1.00	100	M895280	3				
					M895281	3				BLANK
93.34	94.34	1.00	1.00	100	M895282	3				
94.34	95.82	1.48	1.48	100	M895283	3				
					M895284	3				1/4 DULPICATE
95.82	96.82	1.00	1.00	100	M895285	3				
96.82	98.18	1.36	1.25	91.9	M895286	3				
98.18	99.28	1.10	1.10	100	M895287	3				
					M895288	3				BLANK
99.28	100.97	1.69	1.69	100	M895289	3				
100.97	101.97	1.00	1.00	100	M895290	3				
101.97	103.11	1.14	1.10	96.5	M895291	3				
103.11	104.56	1.45	1.35	93.1	M895292	3				
104.56	106.09	1.53	1.53	100	M895293	3				
106.09	107.14	1.05	1.05	100	M895294	3				
107.14	108.43	1.29	1.29	100	M895295	3				
108.43	109.55	1.12	1.12	100	M895296	3				
109.55	110.74	1.19	1.19	100	M895297	3				
110.74	112.06	1.32	1.20	90.9	M895298	3				
112.06	113.50	1.44	1.44	100	M895299	3				
113.50	115.16	1.66	1.66	100	M895300	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
115.16	116.38	1.22	1.22	100	M895301	3				
					M895302	3				STD-KL-2
116.38	117.38	1.00	1.00	100	M895303	3				
117.38	118.40	1.02	1.00	98	M895304	3				
					M895305	3				COARSE REJECT DUPLICATE
118.40	119.59	1.19	1.17	98.3	M895306	3				
119.59	122.12	2.53	2.41	95.3	M895307	3				No M895308 sample
122.12	124.05	1.93	1.83	94.8	M895309	4				
124.05	125.05	1.00	1.00	100	M895310	4				
125.05	126.05	1.00	1.00	100	M895311	4				
126.05	127.05	1.00	1.00	100	M895312	4				
127.05	128.20	1.15	1.15	100	M895313	4				
					M895314	4				STD-KL-2
128.20	130.20	2.00	2.00	100	M895315	4				
130.20	132.00	1.80	1.77	98.3	M895316	4				
132.00	133.00	1.00	1.00	100	M895317	4				
					M895318	4				BLANK
133.00	134.60	1.60	1.60	100	M895319	4				
134.60	135.97	1.37	1.35	98.5	M895320	4				
135.97	137.45	1.48	1.46	98.6	M895321	4				
137.45	139.29	1.84	1.80	97.8	M895322	4				
139.29	141.30	2.01	2.00	99.5	M895323	4				
141.30	142.30	1.00	1.00	100	M895324	4				
					M895325	4				BLANK
142.30	144.20	1.90	1.90	100	M895326	4				
144.20	145.20	1.00	0.96	96	M895327	4				
145.20	147.23	2.03	1.89	93.1	M895328	4				
147.23	149.47	2.24	2.25	100	M895329	4				
					M895330	4				STD-KL-2
149.47	151.74	2.27	2.27	100	M895331	4				
151.74	153.75	2.01	1.98	98.5	M895332	4				
					M895333	4				1/4 DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
153.75	155.78	2.03	2.03	100	M895334	4				
155.78	156.83	1.05	1.05	100	M895335	4				
156.83	158.31	1.48	1.48	100	M895336	4				
158.31	159.86	1.55	1.55	100	M895337	4				
					M895338	4				COARSE REJECT DUPLICATE
159.86	161.86	2.00	1.98	99	M895339	4				
161.86	163.00	1.14	1.10	96.5	M895340	4				
163.00	164.58	1.58	1.56	98.7	M895341	4				
164.58	166.45	1.87	1.87	100	M895342	4				
166.45	168.68	2.23	2.00	89.7	M895343	4				
168.68	170.13	1.45	1.45	100	M895344	4				
170.13	172.72	2.59	2.53	97.7	M895345	5				
172.72	173.97	1.25	1.23	98.4	M895346	5				
173.97	174.97	1.00	1.00	100	M895347	5				
174.97	176.69	1.72	1.72	100	M895348	5				
176.69	177.78	1.09	1.03	94.5	M895349	5				
177.78	179.82	2.04	2.04	100	M895350	5				
179.82	181.82	2.00	2.00	100	M895351	5				
181.82	183.62	1.80	1.70	94.4	M895352	5				
					M895353	5				STD-KL-3
183.62	184.91	1.29	1.29	100	M895354	5				
184.91	186.40	1.49	1.46	98	M895355	5				
					M895356	5				1/4 DUPLICATE
186.40	187.68	1.28	1.28	100	M895357	5				
187.68	188.68	1.00	1.00	100	M895358	5				
188.68	189.84	1.16	1.16	100	M895359	5				
189.84	191.01	1.17	1.12	95.7	M895360	5				
					M895361	5				BLANK
191.01	192.55	1.54	1.54	100	M895362	5				
192.55	193.71	1.16	1.16	100	M895363	5				
193.71	195.47	1.76	1.73	98.3	M895364	5				
195.47	196.58	1.11	1.07	96.4	M895365	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
196.58	197.87	1.29	1.29	100	M895366	5				
197.87	198.88	1.01	1.01	100	M895367	5				
198.88	200.00	1.12	1.10	98.2	M895368	5				
200.00	201.20	1.20	1.13	94.2	M895369	5				
					M895370	5				COARSE REJECT DUPLICATE
201.20	202.40	1.20	1.20	100	M895371	5				
202.40	203.96	1.56	1.55	99.4	M895372	5				
					M895373	5				STD-KL-1
203.96	205.89	1.93	1.93	100	M895374	5				need to check photos. If competent rock I meant 1.93 r
205.89	206.89	1.00	1.00	100	M895375	5				
206.89	207.89	1.00	1.00	100	M895376	5				
					M895377	5				BLANK
207.89	208.89	1.00	1.00	100	M895378	5				
208.89	210.40	1.51	1.51	100	M895379	5				
210.40	211.42	1.02	1.02	100	M895380	5				
211.42	212.48	1.06	1.06	100	M895381	6				
212.48	214.02	1.54	1.41	91.6	M895382	6				
214.02	215.96	1.94	1.94	100	M895383	6				
215.96	217.68	1.72	1.72	100	M895384	6				
217.68	219.36	1.68	1.67	99.4	M895385	6				
219.36	221.00	1.64	1.64	100	M895386	6				
					M895387	6				STD-KL-3
221.00	223.03	2.03	1.87	92.1	M895388	6				
223.03	225.18	2.15	2.04	94.9	M895389	6				
					M895390	6				1/4 DUPLICATE
225.18	226.82	1.64	1.64	100	M895391	6				
226.82	229.02	2.20	2.20	100	M895392	6				
229.02	230.59	1.57	1.57	100	M895393	6				
					M895394	6				BLANK
230.59	232.90	2.31	2.20	95.2	M895395	6				
232.90	234.45	1.55	1.55	100	M895396	6				
234.45	236.00	1.55	1.55	100	M895397	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
236.00	237.54	1.54	1.54	100	M895398	6				
237.54	239.40	1.86	1.86	100	M895399	6				
239.40	241.00	1.60	1.60	100	M895400	6				
					M895401	6				COARSE REJECT DUPLICATE
241.00	242.50	1.50	1.50	100	M895402	6				
242.50	243.51	1.01	1.00	99	M895403	6				
243.51	244.64	1.13	1.05	92.9	M895404	6				
					M895405	6				BLANK
244.64	246.70	2.06	2.02	98.1	M895406	6				
246.70	247.80	1.10	1.10	100	M895407	6				
247.80	248.96	1.16	1.15	99.1	M895408	6				
248.96	250.12	1.16	1.16	100	M895409	6				
250.12	251.12	1.00	1.00	100	M895410	6				
251.12	253.00	1.88	1.81	96.3	M895411	6				
253.00	254.75	1.75	1.74	99.4	M895412	6				
254.75	255.90	1.15	1.15	100	M895413	6				
255.90	256.90	1.00	0.98	98	M895414	6				
					M895415	6				STD-KL-3
256.90	257.92	1.02	1.01	99	M895416	6				
257.92	259.71	1.79	1.63	91.1	M895417	7				
259.71	261.12	1.41	1.30	92.2	M895418	7				
261.12	262.16	1.04	1.04	100	M895419	7				
262.16	263.53	1.37	1.35	98.5	M895420	7				
263.53	264.53	1.00	1.00	100	M895421	7				
264.53	266.53	2.00	1.97	98.5	M895422	7				
					M895423	7				STD-KL-2
266.53	267.72	1.19	1.19	100	M895424	7				
267.72	269.44	1.72	1.72	100	M895425	7				
					M895426	7				BLANK
269.44	270.71	1.27	1.27	100	M895427	7				
270.71	271.84	1.13	1.11	98.2	M895428	7				
271.84	272.85	1.01	1.00	99	M895429	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M895430	7				COARSE REJECT DUPLICATE
272.85	274.44	1.59	1.49	93.7	M895431	7				
274.44	276.40	1.96	1.96	100	M895432	7				
276.40	278.28	1.88	1.87	99.5	M895433	7				
278.28	280.20	1.92	1.60	83.3	M895434	7				
280.20	281.20	1.00	1.00	100	M895435	7				
281.20	282.90	1.70	1.70	100	M895436	7				
282.90	283.90	1.00	1.00	100	M895437	7				
283.90	284.90	1.00	1.00	100	M895438	7				
284.90	286.00	1.10	1.05	95.5	M895439	7				
286.00	287.03	1.03	1.03	100	M895440	7				
287.03	288.13	1.10	1.09	99.1	M895441	7				
					M895442	7				STD-KL-2
288.13	289.71	1.58	1.58	100	M895443	7				
289.71	290.78	1.07	1.07	100	M895444	7				
290.78	291.85	1.07	1.07	100	M895445	7				
291.85	293.41	1.56	1.45	92.9	M895446	7				
					M895447	7				BLANK
293.41	294.83	1.42	1.42	100	M895448	7				
294.83	296.30	1.47	1.47	100	M895449	7				
296.30	297.79	1.49	1.40	94	M895450	7				
					M895451	7				1/4 DUPLICATE
297.79	299.42	1.63	1.55	95.1	M895452	7				
299.42	300.95	1.53	1.45	94.8	M895453	8				
300.95	302.81	1.86	1.81	97.3	M895454	8				
302.81	304.31	1.50	1.46	97.3	M895455	8				
					M895456	8				1/4 DUPLICATE
304.31	305.31	1.00	1.00	100	M895457	8				
305.31	306.93	1.62	1.52	93.8	M895458	8				
306.93	307.93	1.00	0.95	95	M895459	8				
307.93	309.45	1.52	1.52	100	M895460	8				
309.45	311.12	1.67	1.56	93.4	M895461	8				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
311.12	312.12	1.00	1.00	100	M895462	8				
312.12	313.12	1.00	1.00	100	M895463	8				
313.12	315.50	2.38	2.25	94.5	M895464	8				
					M895465	8				STD-KL-2
315.50	316.52	1.02	1.01	99	M895466	8				
316.52	318.30	1.78	1.78	100	M895467	8				
318.30	319.30	1.00	1.00	100	M895468	8				
319.30	320.30	1.00	1.00	100	M895469	8				
					M895470	8				BLANK
320.30	321.81	1.51	1.51	100	M895471	8				
321.81	323.33	1.52	1.52	100	M895472	8				
323.33	324.33	1.00	1.00	100	M895473	8				
324.33	326.17	1.84	1.81	98.4	M895474	8				
					M895475	8				COARSE REJECT DUPLICATE
326.17	327.17	1.00	1.00	100	M895476	8				
327.17	328.60	1.43	1.43	100	M895477	8				
328.60	331.30	2.70	2.70	100	M895478	8				
331.30	332.30	1.00	1.00	100	M895479	8				
332.30	333.30	1.00	1.00	100	M895480	8				
333.30	334.40	1.10	1.10	100	M895481	8				
334.40	335.40	1.00	1.00	100	M895482	8				
335.40	336.90	1.50	1.50	100	M895483	8				
					M895484	8				STD-KL-3
336.90	338.40	1.50	1.50	100	M895485	8				
338.40	341.03	2.63	2.63	100	M895486	8				
341.03	342.62	1.59	1.54	96.9	M895487	8				
					M895488	8				BLANK
342.62	343.97	1.35	1.35	100	M895489	9				
343.97	344.97	1.00	1.00	100	M895490	9				
344.97	345.97	1.00	1.00	100	M895491	9				
345.97	347.39	1.42	1.42	100	M895492	9				
					M895493	9				STD-KL-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
347.39	349.04	1.65	1.65	100	M895494	9				
349.04	350.34	1.30	1.30	100	M895495	9				
350.34	352.39	2.05	2.04	99.5	M895496	9				
352.39	353.39	1.00	0.98	98	M895497	9				
					M895498	9				BLANK
353.39	354.39	1.00	0.96	96	M895499	9				
354.39	355.70	1.31	1.25	95.4	M895500	9				
355.70	357.25	1.55	1.53	98.7	M895501	9				
357.25	358.79	1.54	1.49	96.8	M895502	9				
					M895503	9				1/4 DUPLICATE
358.79	360.63	1.84	1.80	97.8	M895504	9				
360.63	361.67	1.04	1.04	100	M895505	9				
361.67	362.88	1.21	1.20	99.2	M895506	9				
					M895507	9				COARSE REJECT DUPLICATE
362.88	364.50	1.62	1.25	77.2	M895508	9				very broken core
364.50	366.51	2.01	1.46	72.6	M895509	9				very broken core
					M895510	9				STD-KL-3
366.51	368.50	1.99	1.94	97.5	M895511	9				
368.50	370.50	2.00	2.00	100	M895512	9				
370.50	372.52	2.02	2.00	99	M895513	9				
					M895514	9				BLANK
372.52	373.52	1.00	1.00	100	M895515	9				
373.52	374.80	1.28	1.28	100	M895516	9				
374.80	376.00	1.20	1.20	100	M895517	9				
376.00	377.04	1.04	1.04	100	M895518	9				
					EOH					

KLAZA

Hole: DDH-KL-12-74B **Tech Name: Barry Penner** **Date: July 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	44.81	44.81	0.98	2	0.10	0		1	0S	5W	OVB/casing
44.81	46.63	1.82	1.02	56	0.00	0		1	0S	5W	
46.63	47.85	1.22	1.03	84	0.10	8		1	0S	5W	
47.85	49.68	1.83	1.05	57	0.00	0		1	0S	5W	
49.68	51.51	1.83	1.80	98	0.15	8		1	0S	5W	
51.51	53.95	2.44	1.90	78	0.00	0		1	0S	5W	
53.95	54.86	0.91	0.70	77	0.00	0		1	0S	5W	
54.86	55.47	0.61	0.61	100	0.21	34		1	0S	5W	
55.47	57.00	1.53	1.44	94	0.00	0		1	0S	5W	
57.00	60.05	3.05	2.90	95	0.14	5		1	0S	5W	
60.05	63.09	3.04	2.56	84	0.86	28		1	0S	5W	
63.09	66.14	3.05	2.89	95	2.16	71		2	0S	3W	
66.14	69.19	3.05	2.97	97	2.40	79		2	0S	2W	
69.19	72.24	3.05	3.05	100	2.42	79		2	1S	2W	
72.24	75.29	3.05	2.95	97	1.60	52		1	0S	2W	
75.29	78.33	3.04	3.03	100	2.16	71		2	0S	2W	
78.33	81.38	3.05	2.65	87	1.87	61		2	2S	1W	
81.38	84.43	3.05	3.05	100	1.52	50		1	0S	1W	
84.43	87.48	3.05	3.05	100	2.61	86		1	0S	2W	
87.48	90.53	3.05	3.00	98	2.20	72		1	1S	2W	
90.53	93.57	3.04	2.80	92	1.77	58		2	1S	1W	
93.57	96.62	3.05	2.92	96	2.02	66		2	1S	1W	
96.62	99.67	3.05	2.85	93	1.15	38		2	1S	3W	
99.67	102.72	3.05	3.09	101	1.75	57		2	1S	3W	
102.72	105.77	3.05	2.98	98	1.13	37		2	3S	2W	
105.77	108.81	3.04	3.04	100	1.22	40		1	2S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
108.81	111.86	3.05	3.05	100	0.80	26		1	2S	3W	
111.86	114.91	3.05	3.05	100	2.11	69		1	2S	3W	
114.91	117.96	3.05	3.05	100	1.18	39		2	2S	3W	
117.96	121.01	3.05	2.88	94	1.04	34		1	1S	3W	
121.01	124.05	3.04	2.82	93	0.90	30		2	1S	3W	
124.05	127.10	3.05	2.83	93	1.00	33		1	2S	3W	
127.10	130.15	3.05	2.82	92	2.27	74		1	2S	3W	
130.15	133.20	3.05	2.84	93	0.92	30		1	2S	3W	
133.20	136.25	3.05	2.92	96	1.17	38		1	2S	3W	
136.25	139.29	3.04	3.04	100	0.70	23		1	3S	2W	
139.29	142.34	3.05	3.00	98	0.93	30		2	3S	2W	
142.34	145.39	3.05	2.96	97	1.11	36		1	3S	2W	
145.39	148.44	3.05	2.72	89	1.17	38		1	3S	3W	
148.44	151.49	3.05	3.04	100	1.56	51		1	3S	2W	
151.49	154.53	3.04	2.78	91	1.76	58		1	3S	2W	
154.53	157.58	3.05	3.00	98	1.53	50		2	3S	2W	
157.58	160.63	3.05	2.99	98	1.52	50		2	2S	2W	
160.63	163.68	3.05	2.84	93	1.08	35		2	3S	2W	
163.68	165.35	1.67	1.67	100	0.50	30		1	2S	3W	
165.35	166.73	1.38	1.07	78	0.12	9		1	2S	3W	
166.73	169.77	3.04	3.00	99	1.72	57		1	2S	3W	
169.77	172.82	3.05	2.86	94	1.48	49		2	4S	2W	
172.82	175.87	3.05	3.05	100	1.63	53		2	2S	2W	
175.87	178.92	3.05	2.80	92	1.68	55		1	3S	2W	
178.92	181.97	3.05	3.05	100	1.42	47		2	1S	2W	
181.97	185.01	3.04	2.80	92	1.62	53		2	4S	2W	
185.01	188.06	3.05	3.04	100	1.63	53		1	2S	2W	
188.06	191.11	3.05	2.95	97	1.52	50		1	2S	2W	
191.11	194.16	3.05	3.01	99	0.96	31		1	2S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
194.16	197.21	3.05	2.97	97	2.37	78		1	2S	2W	
197.21	200.25	3.04	2.96	97	1.99	65		1	3S	2W	
200.25	203.30	3.05	3.04	100	1.94	64		1	2S	2W	
203.30	206.35	3.05	2.96	97	2.13	70		1	2S	2W	
206.35	209.40	3.05	3.05	100	2.07	68		2	3S	1W	
209.40	212.45	3.05	3.05	100	1.52	50		2	2S	2W	
212.45	215.49	3.04	2.92	96	1.80	59		2	3S	2W	
215.49	218.54	3.05	3.02	99	1.97	65		2	3S	2W	
218.54	221.59	3.05	2.86	94	0.84	28		2	3S	2W	
221.59	224.64	3.05	2.84	93	1.14	37		2	3S	2W	
224.64	227.69	3.05	3.05	100	0.95	31		2	4S	2W	
227.69	230.73	3.04	3.04	100	2.24	74		2	3S	2W	
230.73	233.78	3.05	3.05	100	1.80	59		2	2S	2W	
233.78	236.83	3.05	3.05	100	1.65	54		2	2S	2W	
236.83	239.88	3.05	3.05	100	1.92	63		2	3S	2W	
239.88	242.93	3.05	3.05	100	1.73	57		2	3S	2W	
242.93	245.97	3.04	3.00	99	2.77	91		2	5S	2W	
245.97	249.02	3.05	3.05	100	2.87	94		2	5S	2W	
249.02	252.07	3.05	3.03	99	2.52	83		1	2S	3W	
252.07	255.12	3.05	3.05	100	1.86	61		2	3S	2W	
255.12	258.17	3.05	2.84	93	1.83	60		1	1S	3W	
258.17	261.21	3.04	2.66	88	1.25	41		2	1S	2W	
261.21	264.26	3.05	2.99	98	1.85	61		2	2S	2W	
264.26	267.31	3.05	3.03	99	2.95	97		2	5S	1W	
267.31	270.36	3.05	3.05	100	2.20	72		2	1S	3W	
270.36	273.41	3.05	3.00	98	2.05	67		2	2S	2W	
273.41	276.00	2.59	2.34	90	1.28	49		2	3S	2W	
276.00	278.28	2.28	2.21	97	1.07	47		2	2S	2W	
278.28	279.50	1.22	0.72	59	1.27	104		2	2S	2W	
279.50	282.24	2.74	2.74	100	0.95	35		1	0S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
282.24	282.55	0.31	0.30	97	0.30	97		2	3S	1W	
282.55	285.29	2.74	2.74	100	1.63	59		2	3S	3W	
285.29	288.34	3.05	3.05	100	2.73	90		2	1S	2W	
288.34	288.65	0.31	0.31	100	0.14	45		2	2S	2W	
288.65	291.69	3.04	3.02	99	2.44	80		2	2S	3W	
291.69	294.74	3.05	3.00	98	1.35	44		2	2S	3W	
294.74	297.79	3.05	2.81	92	1.58	52		2	1S	2W	
297.79	300.81	3.02	3.00	99	2.71	90		2	3S	2W	
300.81	303.89	3.08	2.96	96	1.31	43		2	1S	2W	
303.89	306.93	3.04	2.93	96	0.89	29		2	3S	2W	
306.93	309.98	3.05	2.98	98	1.36	45		2	3S	2W	
309.98	313.03	3.05	3.05	100	1.53	50		1	0S	3W	
313.03	316.08	3.05	2.91	95	0.40	13		1	1S	3W	
316.08	319.13	3.05	3.06	100	0.96	31		1	1S	3W	
319.13	322.17	3.04	3.00	99	0.64	21		1	1S	3W	
322.17	325.22	3.05	3.05	100	2.38	78		1	0S	3W	
325.22	328.27	3.05	3.05	100	1.99	65		1	0S	3W	
328.27	331.31	3.04	3.04	100	1.97	65		1	0S	3W	
331.31	334.37	3.06	3.05	100	0.50	16		1	2s	1W	
334.37	337.41	3.04	2.96	97	0.73	24		1	2s	1W	
337.41	340.46	3.05	2.93	96	1.08	35		1	3s	1W	
340.46	343.51	3.05	2.95	97	0.55	18		1	2s	1W	
343.51	346.56	3.05	3.01	99	1.25	41		2	3s	1W	
346.56	349.61	3.05	2.90	95	0.71	23		1	3s	1W	
349.61	352.65	3.04	2.89	95	1.59	52		2	3s	1W	
352.65	355.70	3.05	2.94	96	0.33	11		1	1s	3W	
355.70	358.75	3.05	2.81	92	0.77	25		1	2s	3W	
358.75	361.80	3.05	3.05	100	1.42	47		1	0s	3W	
361.80	364.85	3.05	2.52	83	0.65	21		1	0s	3W	
364.85	367.89	3.04	2.45	81	0.47	15		1	0s	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
367.89	370.94	3.05	2.86	94	1.75	57		1	1s	2W	
370.94	373.99	3.05	2.95	97	1.13	37		1	0s	3W	
373.99	377.04	3.05	3.03	99	1.83	60		2	3s	2W	EOH

KLAZA

Hole: DDH-KL-12-74B **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	44.81	44.81							rubble, sand, cla - OVB
44.81	46.63	1.82							rubble, sand, cla - OVB
46.63	47.85	1.22							rubble, sand, cla - OVB
47.85	49.68	1.83							rubble, sand, cla - OVB
49.68	51.51	1.83							rubble, sand, cla - OVB
51.51	53.95	2.44							rubble, sand, cla - OVB
53.95	54.86	0.91							rubble, sand, cla - OVB
54.86	55.47	0.61							rubble, sand, cla - OVB
55.47	57.00	1.53							rubble, sand, cla - OVB
57.00	60.05	3.05							rubble, sand, cla - OVB
60.05	63.09	3.04							rubble, sand, cla - OVB
63.09	66.14	3.05	45.00	0.47	1.00	1.00	3R	3W	
			60.00	0.75	1.00	1.00	2R	3W	
66.14	69.19	3.05	45.00	0.50	1.00	1.00	2R	3W	
			60.00	0.33	1.00	1.00	3R	2W	
69.19	72.24	3.05	45.00	0.75	2.00	2.00	2R	2W	
			6.00	1.50	0.00	1.00	3R	2W	
72.24	75.29	3.05	45.00	0.60	1.00	1.00	2R	2W	
			60.00	0.50	1.00	1.00	2R	2W	
75.29	78.33	3.04	45.00	0.47	1.00	2.00	3R	2W	
			60.00	0.50	1.00	2.00	2R	2W	
78.33	81.38	3.05	60.00	1.00	0.00	2.00	3R	2W	
81.38	84.43	3.05	45.00	0.75	0.00	1.00	2R	1W	
			60.00	1.50	0.00	1.00	2R	1W	
84.43	87.48	3.05	30.00	0.70	0.00	1.00	3R	1W	
			55.00	0.05	0.00	1.00	2R	2W	
87.48	90.53	3.05	45.00	0.23	0.00	2.00	2R	1W	
90.53	93.57	3.04	30.00		390.00	1.00	2R	4W	
93.57	96.62	3.05	30.00	0.05	0.00	1.00	2R	1W	
96.62	99.67	3.05	30.00	0.15	30.00	1.00	2R	2W	
99.67	102.72	3.05	60.00	0.20	0.00	1.00	2R	2W	

KLAZA

			45.00	0.40	0.00	1.00	3R	1W	
102.72	105.77	3.05	40.00	0.25	2.00	1.00	2R	2W	
105.77	108.81	3.04	40.00	0.15	3.00	1.00	2R	2W	
108.81	111.86	3.05	45.00	0.10	5.00	1.00	2R	3W	
111.86	114.91	3.05	55.00	0.10	2.00	1.00	2R	2W	
114.91	117.96	3.05	60.00	0.08	1.00	1.00	2R	2W	
117.96	121.04	3.08	70.00	0.10		1.00	2R	2W	
121.04	124.05	3.01	30.00	0.10	0.00	2.00	2R	1W	
			80.00	0.30	0.00	1.00	2R	2W	
124.05	127.10	3.05	30.00	0.30	0.00	1.00	2R	2W	
			50.00	0.10	0.00	1.00	2R	2W	
127.10	130.15	3.05	60.00	0.40	0.00	1.00	2R	2W	
130.15	133.20	3.05	50.00	0.18	0.00	1.00	2R	2W	
133.20	136.25	3.05	60.00	0.10	0.00	1.00	2R	2W	
136.25	139.29	3.04	70.00	0.89	0.00	3.00	3R	2W	
			60.00	0.09	0.00	1.00	2R	2W	
139.29	142.34	3.05	60.00	0.12	0.00	1.00	2R	2W	
142.34	145.39	3.05	70.00	0.15	0.00	1.00	2R	2W	
			65.00	0.16	0.00	1.00	2R	2W	
145.39	148.44	3.05	70.00	0.08	0.00	1.00	2R	2W	
			60.00	0.24	0.00	1.00	2R	2W	
148.44	151.49	3.05	40.00	0.04	0.00	1.00	2R	2W	
			35.00	0.15	0.00	1.00	2R	2W	
151.49	154.53	3.04	60.00	0.28	0.00	1.00	2R	2W	
154.53	157.58	3.05	65.00	0.32	0.00	1.00	2R	2W	
			80.00	0.32	0.00	1.00	1R	2W	
			60.00	0.28	0.00	1.00	2R	2W	
157.58	160.63	3.05	70.00	0.15	0.00	1.00	2R	2W	
160.63	163.68	3.05	60.00	0.10	0.00	1.00	2R	2W	
			50.00	0.24	0.00	1.00	2R	2W	
163.68	165.35	1.67							
165.35	166.73	1.38	50.00	0.09	0.00	1.00	1R	2W	
166.73	169.77	3.04	60.00	0.42	3.00	1.00	2R	2W	
			70.00	0.14	0.00	1.00	1R	2W	
169.77	172.82	3.05	60.00	0.24	0.00	1.00	1R	2W	
			50.00	0.55	0.00	1.00	2R	2W	
			70.00	0.10	0.00	1.00	2R	2W	
172.82	175.87	3.05	60.00	0.43	0.00	1.00	2R	2W	
			7.00	1.21	0.00	1.00	1R	2W	
175.87	178.93	3.06	50.00	1.37	0.00	1.00	2R	2W	
178.93	181.97	3.04	60.00	1.22	0.00	1.00	2R	2W	

KLAZA

181.97	185.01	3.04	50.00	0.42	4.00	1.00	2R	2W	
			60.00	0.16	0.00	1.00	2R	2W	
185.01	188.06	3.05	50.00	0.28	0.00	1.00	2R	2W	
			60.00	0.31	0.00	1.00	2R	2W	
188.06	191.11	3.05	50.00	0.24	0.00	1.00	2R	2W	
191.11	194.16	3.05	50.00	0.10	1.00	1.00	2R	2W	
194.16	197.21	3.05	70.00	0.15	0.00	3.00	2R	2W	
197.21	200.25	3.04	70.00	0.13	1.00	1.00	3R	2W	
			35.00	0.45	2.00	1.00	2R	2W	
200.25	203.30	3.05	35.00	0.10	0.00	1.00	3R	2W	
			60.00	0.10	4.00	1.00	3R	2W	
203.30	206.35	3.05	45.00	0.25	0.00	1.00	2R	2W	
			70.00	0.08	0.00	3.00	3R	2W	
206.35	209.40	3.05	45.00	0.30	0.00	1.00	3R	2W	
			60.00	0.22	0.00	2.00	2R	2W	
209.40	212.45	3.05	70.00	0.07	0.00	3.00	2R	2W	
			45.00	0.25	0.00	1.00	2R	2W	
212.45	215.49	3.04	45.00	0.25	0.00	1.00	2R	2W	
215.49	218.54	3.05	70.00	0.30	0.00	3.00	3R	2W	
			45.00	0.20	0.00	1.00	2R	2W	
218.54	221.59	3.05	70.00	0.08	1.00	1.00	2R	2W	
221.59	224.64	3.05	45.00	0.50	0.00	1.00	2R	2W	
			60.00	0.15	0.00	1.00	2R	2W	
			40.00	0.57	0.00	1.00	2R	1W	
224.64	227.69	3.05	70.00	0.55	0.00	1.00	2R	1W	
227.69	230.73	3.04							broken rock
230.73	233.78	3.05	75.00	0.12	0.00	1.00	2R	1W	
233.78	236.83	3.05	65.00	0.18	0.00	1.00	2R	1W	
236.83	239.88	3.05	75.00	0.08	0.00	1.00	2R	1W	
239.88	212.93	-26.95	62.00	0.62	0.00	1.00	2R	1W	
212.93	245.97	33.04	60.00	0.22	0.00	1.00	2R	1W	
245.97	249.02	3.05	80.00	0.80	0.00	1.00	2R	1W	
249.02	252.07	3.05	75.00	0.31	0.00	1.00	2R	1W	
			55.00	0.78	0.00	1.00	2R	1W	
252.07	255.12	3.05	42.00	0.70	0.00	1.00	2R	1W	
255.12	258.17	3.05	35.00	0.86	0.00	1.00	2R	1W	
258.17	261.21	3.04	55.00	0.50	2.00	2.00	2R	1W	
			70.00	0.75	0.00	1.00	2R	1W	
261.21	264.26	3.05	30.00	0.50	0.00	2.00	2R	1W	
264.26	267.31	3.05	55.00	0.54	0.00	2.00	2R	1W	
267.31	270.36	3.05	50.00	0.47	1.00	2.00	2R	1W	

KLAZA

270.36	273.41	3.05	20.00	0.40	0.00	1.00	2R	2W	
			45.00	0.12	6.00	2.00	2R	3W	
273.41	276.00	2.59	40.00	0.27	1.00	1.00	2R	2W	
276.00	278.28	2.28	25.00	0.10	2.00	1.00	2R	2W	evidence of movement (Not 1R). Slickenslide on random fracture faces in rubble
278.28	279.50	1.22							random fractures, but no sets
279.50	282.24	2.74	30.00		70.00	1.00	2R	4W	single gougy joint. Run is very altered and fractured
282.24	282.55	0.31							
282.55	285.29	2.74	60.00	0.17	3.00	1.00	2R	3W	
285.29	288.65	3.36	60.00	0.11	1.00	1.00	2R	2W	
288.65	291.69	3.04	55.00	0.05	2.00	1.00	2R	2W	
291.69	294.74	3.05	45.00	0.60	2.00	1.00	2R	3W	
294.74	297.79	3.05	50.00	0.18	3.00	1.00	2R	3W	
			40.00	0.07	2.00	1.00	2R	3W	
297.79	300.84	3.05	70.00	0.24	2.00	1.00	3R	3W	
300.84	303.89	3.05	50.00	0.14	0.00	2.00	2R	2W	
303.89	306.93	3.04	35.00	0.15	1.00	2.00	2R	2W	very fractured run
306.93	309.98	3.05	35.00	0.16	2.00	2.00	2R	2W	
309.98	313.03	3.05	50.00	0.38	0.00	1.00	2R	2W	
313.03	316.08	3.05	35.00	0.08	0.00	2.00	1R	2W	
316.08	319.13	3.05	40.00	1.25	32.00	2.00	2R	2W	
319.13	322.17	3.04	55.00	0.12	5.00	1.00	2R	3W	
322.17	325.22	3.05	55.00	0.30	12.00	2.00	2R	3W	
325.22	328.27	3.05	45.00	0.15	0.00	1.00	2R	1W	
			50.00	0.16	1.00	2.00	2R	2W	
328.27	331.32	3.05	35.00	0.35	1.00	2.00	1R	2W	
331.32	334.37	3.05	40.00	1.00	0.00	2.00	3R	1W	
			55.00	0.50	0.00	1.00	3R	1W	
334.37	337.41	3.04	70.00	0.50	2.00	1.00	3R	1W	
			55.00	0.50	2.00	1.00	3R	1W	
337.41	340.46	3.05	50.00	0.75	1.00	1.00	2R	1W	
			75.00	1.00	0.00	1.00	2R	1W	
340.46	343.51	3.05	40.00	1.00	1.00	2.00	2R	1W	
			65.00	0.37	2.00	1.00	2R	1W	
343.51	346.56	3.05	75.00	0.60	1.00	1.00	2R	1W	
			45.00	0.60	0.00	1.00	2R	1W	
346.56	349.61	3.05	50.00	0.33	0.00	1.00	2R	1W	
349.61	352.65	3.04	65.00	0.30	0.00	1.00	3R	1W	
			45.00	0.60	0.00	1.00	3R	1W	

KLAZA

352.65	355.70	3.05	45.00	0.05	5.00	1.00	2R	2W	
355.70	358.75	3.05	35.00		15.00	1.00	2R	3W	chlorite-stained gouge
			30.00	0.30	2.00	1.00	1R	2W	
358.75	361.80	3.05	60.00	0.60	3.00	1.00	1R	3W	
361.80	364.85	3.05	60.00	0.07	3.00	1.00	2R	2W	
364.85	367.89	3.04	20.00	0.02	0.00	1.00	2R	2W	
			50.00	0.07	0.00	1.00	2R	2W	
367.89	370.94	3.05	35.00	0.02	10.00	1.00	2R	2W	
370.94	373.99	3.05	60.00	0.15	1.00	2.00	2R	2W	
373.99	377.04	3.05	60.00	0.09	0.00	1.00	3R	2W	EOH

KLAZA

Hole: DDH-KL-12-74B Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		Overburden
2.00		Overburden
3.00		Overburden
4.00		Overburden
5.00		Overburden
6.00		Overburden
7.00		Overburden
8.00		Overburden
9.00		Overburden
10.00		Overburden
11.00		Overburden
12.00		Overburden
13.00		Overburden
14.00		Overburden
15.00		Overburden
16.00		Overburden
17.00		Overburden
18.00		Overburden
19.00		Overburden
20.00		Overburden
21.00		Overburden
22.00		Overburden
23.00		Overburden
24.00		Overburden
25.00		Overburden
26.00		Overburden
27.00		Overburden
28.00		Overburden
29.00		Overburden

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00		Overburden
31.00		Overburden
32.00		Overburden
33.00		Overburden
34.00		Overburden
35.00		Overburden
36.00		Overburden
37.00		Overburden
38.00		Overburden
39.00		Overburden
40.00		Overburden
41.00		Overburden
42.00		Overburden
43.00		Overburden
44.00		Overburden
45.00	1.56	
46.00	3.72	
47.00	0.55	
48.00	1.42	
49.00	3.56	
50.00	5.17	
51.00	7.47	
52.00	15.30	
53.00	6.98	
54.00	3.94	
55.00	1.88	
56.00	5.67	
57.00	3.22	
58.00	1.31	
59.00	4.04	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	3.57	
61.00	4.95	
62.00	2.45	
63.00	5.24	
64.00	1.59	
65.00	7.27	
66.00	8.24	
67.00	20.00	
68.00	23.90	
69.00	5.77	
70.00	3.57	
71.00	20.90	
72.00	29.20	
73.00	24.20	
74.00	2.21	
75.00	4.65	
76.00	5.49	
77.00	10.80	
78.00	15.20	
79.00	6.01	
80.00	12.50	
81.00	21.40	
82.00	6.45	
83.00	1.93	
84.00	16.30	
85.00	6.18	
86.00	17.20	
87.00	6.33	
88.00	0.47	
89.00	1.54	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.85	
91.00	0.35	
92.00	0.36	
93.00	0.48	
94.00	0.42	
95.00	2.45	
96.00	0.47	
97.00	3.24	
98.00	1.47	
99.00	2.67	
100.00	2.03	
101.00	2.67	
102.00	2.85	
103.00	2.30	
104.00	2.08	
105.00	1.20	
106.00	4.65	
107.00	1.14	
108.00	2.87	
109.00	1.56	
110.00	1.27	
111.00	1.39	
112.00	1.42	
113.00	2.33	
114.00	3.02	
115.00	1.47	
116.00	0.84	
117.00	1.94	
118.00	2.15	
119.00	2.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.11	
121.00	2.28	
122.00	2.88	
123.00	1.69	
124.00	2.26	
125.00	1.69	
126.00	2.04	
127.00	2.03	
128.00	1.54	
129.00	0.35	
130.00	0.15	
131.00	0.30	
132.00	0.36	
133.00	0.33	
134.00	0.25	
135.00	0.49	
136.00	0.47	
137.00	0.50	
138.00	0.72	
139.00	0.55	
140.00	0.29	
141.00	0.28	
142.00	0.58	
143.00	0.50	
144.00	0.36	
145.00	0.58	
146.00	0.90	
147.00	0.78	
148.00	12.80	
149.00	12.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	12.20	
151.00	0.35	
152.00	0.40	
153.00	0.82	
154.00	0.48	
155.00	0.36	
156.00	0.40	
157.00	0.37	
158.00	0.36	
159.00	1.37	
160.00	1.29	
161.00	0.65	
162.00	0.45	
163.00	2.67	
164.00	2.52	
165.00	0.57	
166.00	0.31	
167.00	0.33	
168.00	0.42	
169.00	0.50	
170.00	0.65	
171.00	0.40	
172.00	0.40	
173.00	0.94	
174.00	0.60	
175.00	0.36	
176.00	0.33	
177.00	0.42	
178.00	0.63	
179.00	0.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.30	
181.00	0.40	
182.00	0.80	
183.00	0.48	
184.00	0.94	
185.00	0.30	
186.00	0.36	
187.00	0.21	
188.00	0.72	
189.00	0.33	
190.00	0.35	
191.00	0.21	
192.00	0.30	
193.00	0.40	
194.00	0.28	
195.00	0.42	
196.00	0.33	
197.00	0.42	
198.00	0.31	
199.00	0.36	
200.00	0.28	
201.00	0.31	
202.00	0.33	
203.00	0.40	
204.00	0.33	
205.00	0.51	
206.00	0.58	
207.00	0.28	
208.00	0.60	
209.00	0.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.38	
211.00	0.52	
212.00	0.62	
213.00	0.60	
214.00	0.53	
215.00	1.02	
216.00	1.10	
217.00	0.28	
218.00	0.42	
219.00	0.38	
220.00	0.31	
221.00	0.28	
222.00	0.62	
223.00	0.39	
224.00	0.31	
225.00	0.45	
226.00	0.53	
227.00	0.63	
228.00	0.78	
229.00	0.97	
230.00	0.57	
231.00	1.39	
232.00	1.20	
233.00	1.28	
234.00	0.58	
235.00	0.94	
236.00	1.15	
237.00	2.35	
238.00	0.94	
239.00	1.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.14	
241.00	1.44	
242.00	2.41	
243.00	0.45	
244.00	1.96	
245.00	1.29	
246.00	0.42	
247.00	0.82	
248.00	0.72	
249.00	1.69	
250.00	0.97	
251.00	0.62	
252.00	0.33	
253.00	1.14	
254.00	0.23	
255.00	0.90	
256.00	1.49	
257.00	0.62	
258.00	0.99	
259.00	4.46	
260.00	5.10	
261.00	2.55	
262.00	4.80	
263.00	5.49	
264.00	8.24	
265.00	4.53	
266.00	3.14	
267.00	7.67	
268.00	4.32	
269.00	4.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	3.69	
271.00	6.95	
272.00	4.92	
273.00	2.38	
274.00	3.44	
275.00	5.59	
276.00	5.02	
277.00	3.71	
278.00	4.77	
279.00	5.46	
280.00	3.36	
281.00	5.54	
282.00	2.87	
283.00	4.67	
284.00	3.05	
285.00	5.74	
286.00	5.37	
287.00	3.61	
288.00	4.06	
289.00	3.20	
290.00	5.25	
291.00	5.12	
292.00	6.26	
293.00	4.72	
294.00	6.85	
295.00	3.79	
296.00	0.58	
297.00	0.25	
298.00	0.28	
299.00	0.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.35	
301.00	0.28	
302.00	0.30	
303.00	0.45	
304.00	0.36	
305.00	1.02	
306.00	0.40	
307.00	0.52	
308.00	0.47	
309.00	0.31	
310.00	0.45	
311.00	0.31	
312.00	0.26	
313.00	0.26	
314.00	0.16	
315.00	0.36	
316.00	0.43	
317.00	0.45	
318.00	0.33	
319.00	0.43	
320.00	0.36	
321.00	0.15	
322.00	0.25	
323.00	0.35	
324.00	0.30	
325.00	0.40	
326.00	0.40	
327.00	0.36	
328.00	0.43	
329.00	0.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.26	
331.00	0.18	
332.00	0.21	
333.00	0.48	
334.00	0.43	
335.00	0.43	
336.00	0.30	
337.00	0.45	
338.00	0.35	
339.00	0.31	
340.00	0.40	
341.00	0.48	
342.00	0.36	
343.00	0.42	
344.00	0.30	
345.00	0.31	
346.00	0.35	
347.00	0.35	
348.00	0.73	
349.00	0.42	
350.00	0.31	
351.00	0.48	
352.00	0.75	
353.00	0.42	
354.00	1.09	
355.00	3.71	
356.00	0.31	
357.00	0.43	
358.00	0.58	
359.00	3.24	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	1.32	
361.00	0.33	
362.00	7.57	
363.00	0.50	
364.00	1.93	
365.00	7.57	
366.00	1.98	
367.00	0.50	
368.00	1.81	
369.00	0.73	
370.00	0.38	
371.00	0.90	
372.00	0.23	
373.00	3.47	
374.00	0.50	
375.00	2.20	
376.00	2.90	
377.00	0.33	EOH

KLAZA

Hole: **DDH-KL-12-74B** **Date:**

Box #	From (m)	To (m)	
1			OVB
2			OVB
3			OVB
4			OVB
5			OVB
6			OVB
7			OVB
8			OVB
9			OVB
10	44.07	48.14	
11	48.14	52.25	
12	52.25	56.46	
13	56.46	59.43	
14	59.43	63.09	
15	63.09	67.15	
16	67.15	71.38	
17	71.38	75.43	
18	75.43	78.33	
19	78.33	83.86	
20	83.86	88.15	
21	88.15	92.54	
22	92.54	96.62	
23	96.62	101.00	
24	101.00	105.04	
25	105.04	109.01	
26	109.01	113.25	
27	113.25	116.90	
28	116.90	120.74	
29	120.74	124.90	

KLAZA

30	124.90	128.97	
31	128.97	133.11	
32	133.11	137.10	
33	137.10	141.10	
34	141.10	144.97	
35	144.97	149.13	
36	149.13	153.28	
37	153.28	157.20	
38	157.20	160.87	
39	160.87	164.87	
40	164.87	168.86	
41	168.86	172.90	
42	172.90	176.99	
43	176.99	181.02	
44	181.02	185.01	
45	185.01	189.19	
46	189.19	193.40	
47	193.40	197.59	
48	197.59	201.81	
49	201.81	205.94	
50	205.94	210.02	
51	210.02	214.02	
52	214.02	218.18	
53	218.18	222.09	
54	222.09	226.40	
55	226.40	230.44	
56	230.44	234.62	
57	234.62	238.56	
58	238.56	242.66	
59	242.66	246.95	
60	246.95	251.12	
61	251.12	255.12	
62	255.12	259.13	
63	259.13	263.05	
64	263.05	267.14	
65	267.14	271.26	
66	271.26	275.57	

KLAZA

67	275.57	279.69	
68	279.69	283.37	
69	283.37	287.62	
70	287.62	291.69	
71	291.69	295.97	
72	295.97	300.22	
73	300.22	304.17	
74	304.17	308.37	
75	308.37	312.33	
76	312.33	316.08	
77	316.08	320.27	
78	320.27	324.59	
79	324.59	328.78	
80	328.78	333.00	
81	333.00	337.28	
82	337.28	341.34	
83	341.34	345.47	
84	345.47	349.61	
85	349.61	353.84	
86	353.84	358.00	
87	358.00	362.13	
88	362.13	366.79	
89	366.79	371.07	
90	371.07	375.09	
91	375.09	377.04	
		EOH	

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382483.99	6890674.4	1332.412	300.84

ZONE: KLAZA

SECTION:

HOLE: DDH-12-75

CLAIM: YD09216

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: June 28th - ??

Geology logged by: Noah Phillips and Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.95	2.95	OVB	Overburden.
2.95	53.95	51.00	GRD	Oxidized to fresh granodiorite. Aplit dykes at end.
53.95	61.32	7.37	GRD	Alternating argillic and phyllic alteration.
61.32	68.75	7.43	GRD	Argillic alteration.
68.75	80.55	11.80	GRD	Phyllic alteration.
80.55	108.81	28.26	GRD	Fresh with patches of argillic and phyllic alteration.
108.81	111.25	2.44	GRD	Propylitic alteration.
111.25	142.34	31.09	GRD	Fresh granodiorite, phyllic altered and some argillic.
142.34	168.90	26.56	GRD	Fresh with some phyllic alteration.
168.90	245.33	76.43	FEL	Dyke with minor granodiorite interval.
245.33	281.64	36.31	GRD	Fresh and phyllic altered granodiorite.
281.64	300.84	19.20	GRD	Fresh granodiorite.
				EOH @ 300.84 m

SAMPLES

Numbers: N829855 - N829900, N828801 - N828900, N828762-N828765

Total: 150

Batch: 75-1 to 75-5

Date Sent:

Certificate:

COMMENTS

EOH @ 300.84 m

KLAZA

Hole: DDH-12-75 **Logger Name:** Noah Phillips and Nicole Marsh **Date: July 1st, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	2.95	2.95					OVB														
2.95	160.66	157.71				mKgW	GRD	MG													
			2.95	6.97	4.02	mKgW	GRD	MG	LT	GY		3I						Li	15.00		Moderately oxidized granodiorite. Limonite staining accounts for 15% of the interval. A small fault occurs at the end of the interval (see secondary structure log).
									LT	OR											
			6.97	33.49	26.52	mKgW	GRD	MG	MD	GY		1I						Li	10.00		Unaltered, medium grey granodiorite with oxidation occurring only along fractures. Local phyllic altered around veinlets (see secondary structure).
			33.49	33.91	0.42	mKgW	GRD	MG	LT	GN		3I		ARG	2I						Small section with moderate argillic and phyllic alteration. Moderately oxidized.
														PHC	2I						
			33.91	42.96	9.05	mKgW	GRD	MG	MD	GY		3I						Li	15.00		Oxidized, but relatively unaltered granodiorite. Limonite staining is pervasive through ~75% of the interval.
									LT	OR											
			42.96	52.24	9.28	mKgW	GRD	MG	MD	GY		1I									Unaltered granodiorite. Trace oxidation occurs along fractures.
			52.24	52.93	0.69	mKgW	GRD	MG	MD	GY											Unaltered granodiorite with three small aplite dykes (see secondary structure log).
			52.93	53.95	1.02	mKgW	GRD	MG	MD	GY											Unaltered granodiorite.
			53.95	54.88	0.93	mKgW	GRD	MG	LT	GN				PHC	3I						Light green, to light pink, highly altered granodiorite with moderate phyllic alteration overprinting argillic alteration. Several aplite dykes exist in the interval and the interval contains 2 wide red bands at a low angle to core axis. These have been interpreted as a previous generation of aplite dykes that have been altered. Moderate density quartz veinlets also exist (see secondary structure log).
									LT	PK				ARG	2I						
			54.88	57.77	2.89	mKgW	GRD	MG	LT	GY	RB	2I									Relatively unaltered but moderately fractured and rubbly granodiorite with moderate
									DK	RD	FR										
			57.77	60.26	2.49	mKgW	GRD	MG	LT	OR	RB	3I		PHC	3I			Li	20.00		Light green to orange phyllic altered granodiorite. Short intervals of dark green
									LT	GN	FR			PRO	1I	0.10					
			60.26	60.39	0.13	mKgW	GRD	MG	LT	PK				ARG	3I						A short interval of argillic altered granodiorite.
									-	WH											
			60.39	61.32	0.93	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic altered granodiorite. A small fault occurs within the centre of the interval (see secondary structure log).
														CLY	2I						
			61.32	68.75	7.43	mKgW	GRD	MG	LT	PK				ARG	4I						Argillic altered granodiorite containing short intervals of overprinted phyllic alteration. Interval is rough to the touch and has two small fault zones (see secondary structure).
										WH				PHC	2I						
			68.75	77.40	8.65	mKgW	GRD	MG	LT	GN				PHC	3I	2.00					Light green phyllic altered interval with short sections (~5cm in length) of argillic altered granodiorite occupying ~5% of the interval. Pyrite mineralization and fine grained black sulphide veinlets become more common in veinlets.
									DK	GN				PRO	2I						
														ARG	1I						
			77.40	80.55	3.15	mKgW	GRD	MG	LT	OR		3I		CLY	3I	20.00					Pervasively oxidized, highly faulted, moderately clay altered (mechanically, ie: gougy), fairly mineralized granodiorite. Mineralization mainly occurs as pyrite within quartz tourmaline veins (see secondary structure) but medium grained (1-2mm), euhedral pyrite is also disseminated in the fault gouge.
									LT	GN				PHC	2I						
			80.55	83.03	2.48	mKgW	GRD	MG	LT	OR	FR	2I		PHC	1I			Sp	1.50		Weakly phyllic altered and moderately oxidized granodiorite. Interval is highly fractured with oxidation occurring mainly along fractures. One small sphalerite veinlet is seen (see secondary structure log) and trace pyrite is seen along fractures.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
									LT	GN						1.00					
			83.03	87.83	4.80	mKgW	GRD	MG	MD	GY	FR	1I		PHC	1I	0.50					Relatively unaltered granodiorite with localized intervals of weak phyllic and argillic alteration occupying ~5% of the interval. Trace pyrite is seen close to veinlets. Oxidation occurs along fractures.
														ARG	1I						
			87.83	88.05	0.22	mKgW	GRD	MG	DK	GY	BX					20.00					Dark grey fault breccia with sub rounded clasts of granodiorite up to 2cm in diameter. Fine grained disseminated pyrite is found within the gouge. The gouge is believed to hold massive sulphide.
											MA										
			88.05	91.30	3.25	mKgW	GRD	MG	MD	GY				PHC	1I	1.50					Unaltered granodiorite. Local phyllic alteration occurs around quartz veinlets and weak, fine grained pyrite is found disseminated through the interval.
									LT	GN											
			91.30	91.91	0.61	mKgW	GRD	MG	LT	PK		1I		ARG	3I						Argillic altered granodiorite overprinting a weak phyllic alteration. No visible mineralization. Weak oxidation along fractures.
										WH				PHC	1I						
			91.91	93.05	1.14	mKgW	GRD	MG	LT	GN				PHC	3I						Light green phyllic altered granodiorite with high density quartz veinlets.
			93.05	93.43	0.38	mKgW	GRD	MG	LT	PK				ARG	3I						Link pink-white argillic altered granodiorite.
									-	WH											
			93.43	94.23	0.80	mKgW	GRD	MG	MD	GY											Relatively unaltered granodiorite.
			94.23	94.88	0.65	mKgW	GRD	MG	LT	PK				ARG	3I						Argillic altered granodiorite with trace phyllic alteration enveloping quartz veinlets.
									-	WH				PHC	1I						
			94.88	103.24	8.36	mKgW	GRD	MG	MD	GY				PHC	1I	0.50					Unaltered granodiorite, with local phyllic alteration enveloping quartz veinlets. Trace pyrite is seen in the alteration envelopes.
			103.24	104.50	1.26	mKgW	GRD	MG	LT	GN				ARG	3I	8.00		Gn	2.00		Argillic altered granodiorite, light green in colour with fine-medium grained euhedral pyrite associated with small veins and faults (see secondary structure log).
			104.50	108.81	4.31	mKgW	GRD	MG	MD	GY				PHC	1I						Relatively unaltered granodiorite with local phyllic alteration around veinlets.
									LT	GN											
			108.81	111.25	2.44	mKgW	GRD	MG	DK	RD				PRO	2I	4.00		He	15.00		Dark red to dark green granodiorite due to hematite veinlets and propyllitic alteration. Numerous dark red, dendritic, hematite veinlets at a low angle to core axis occur in the interval (see secondary structure).Pyrite is hosted in quartz veinlets.
									DK	GN											
			111.25	119.55	8.30	mKgW	GRD	MG	MD	GY				PHC	1I			He	3.00		Unaltered granodiorite. Some light red staining due to hematite occurs. Trace phyllic alteration around quartz veinlets.
			119.55	124.60	5.05	mKgW	GRD	MG	LT	GN				PHC	3I	3.00					Phyllic alteration overprinting argillic alteration. Interval is light green but is locally light red due to hematite staining. Has the mottled texture of argillic alteration with the coloration of phyllic alteration.
									LT	RD				ARG	3I						
			124.60	125.87	1.27	mKgW	GRD	MG	MD	RD				PHC	4I	2.00		He	15.00		Dark red interval due to dendritic hematite veinlets. Interval is strongly phyllic altered.
									LT	GN											
			125.87	127.35	1.48	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic altered granodiorite.
			127.35	130.71	3.36	mKgW	GRD	MG	MD	GY				PHC	1I						Relatively unaltered granodiorite. Short, <5cm intervals of phyllic and argillic alteration take up <10% of the interval.
														ARG	1I						
			130.71	133.68	2.97	mKgW	GRD	MG	LT	GN				PHC	3I	1.50					Light green phyllic altered granodiorite with short <5cm segments of argillic altered granodiorite.
														ARG	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			133.68	136.72	3.04	mKgW	GRD	MG	LT	GN				PHC	2I			He	1.00		Mainly unaltered granodiorite with localized segments of phyllic alteration around quartz veinlets and very minor propyllitic alteration, also associated with quartz veinlets.
									MD	GY				PRO	1I						
			136.72	139.29	2.57	mKgW	GRD	MG	LT	GN				ARG	3I						Pervasive argillic alteration, commonly overprinted propyllitic and phyllic alteration. Gives the interval a rough texture and a light-dark green colour.
									DK	GN				PRO	2I						
									LT	PK				PHC	3I						
			139.29	142.34	3.05	mKgW	GRD	MG	LT	GN				PHC	4I						Pervasive phyllic altered, light green granodiorite, with numerous quartz veinlets.
			142.34	158.45	16.11	mKgW	GRD	MG	MD	GY				PRO	1I			He	3.00		relatively unaltered granodiorite. Some of the interval has weak propyllitic alteration giving it a dark green hue. Dark red hematite staining is common along fractures.
									DK	GN											
			158.45	160.66	2.21	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic altered granodiorite with short segments of argillic alteration.
									LT	PK				ARG	2I						
160.66	163.78	3.12				mKgW	GRD	MG	MD	GY				PHC	1I						Unaltered Granodiorite with local phyllic alteration around quartz veins.
163.78	164.78	1.00				mKgW	GRD	MG	LT	GN				PHC	3I						Light green and light red, phyllic altered Granodiorite.
									LT	RD											
164.78	168.90	4.12				mKgW	GRD	MG	MD	GY				PRO	2I						Unaltered Granodiorite with local propyllitic and argillic alteration.
														ARG	1I						
168.90	245.33	76.43				LKqP	FEL	FG	LT	GN	PO							He	3.00		Light green and light red QFPD phenocrysts vary from 1mm to 3cm in length. Many phenocrysts have square or rectangle euhedral shape. Numerous small faults with short sections of highly clay altered fault gouge occur throughout the interval (see secondary structure log). Some hematite staining is seen within the gouge. Upper contact is a fault at unknown angle tca. Lots of gouge within first 3cm of the interval.
									DK	RD											
			206.72	209.91	3.19	mKgW	GRD	MG	LT	GN	PO										Light grey-green Granodiorite with strong phyllic alteration. Fault zone from upper contact to 207.42m. Fault zone is clay altered, soft and friable.
									LT	PU											
			209.91	213.35	3.44	mKgW	GRD	MG	MD	GY				PHC	1I						Fresh granodiorite with patches of propyllitic alteration. Quartz-carbonate veinlets throughout.
														PRO	1I						
			217.35	218.97	1.62	LKqP	FEL	FG	LT	GY	FO										Weakly foliated porphyritic dyke. Upper contact with granodiorite is mottled, fine grained and easily scratched with a tungsten scratcher. Foliation is at approximately 42 degrees tca.
									MD	PU	PO										
245.33	250.74	5.41				mKgW	GRD	MG	LT	GN	MA			PHC	4I	<1					Strongly phyllic altered Granodiorite with veins and fault zones (see secondary structure log). Trace potassic alteration and trace clay altered, small friable zones. Trace disseminated pyrite throughout.
														POT	4I						
250.74	300.84	50.10				mKgW	GRD	MG	DK	GY	MA			PRO	2I	<1					Fresh Granodiorite with disseminated pyrite. Patches of phyllic and propyllitic alteration with trace potassic alteration. Patches of pervasive chlorite. See secondary structures log for descriptions of sulphide veins and fault zones.
														POT	2I						
														PHC	2I						
			254.19	260.76	6.57	mKgW	GRD	MG	LT	GN	MA			PHC	3I	<1					Moderately phyllic with weak to moderate potassic alteration. Overall light green colour with pink potassium feldspars crystals (up to 25% modal percent). Trace propyllitic alteration.
														POT	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PRO	1I						
			260.76	263.85	3.09	mKgW	GRD	MG	LT	GN	MA			PHC	4I	<1					Strong phyllic altered Granodiorite with clay alteration and fault zones (see secondary structure logs for descriptions). Abundant quartz and quartz-carbonate veins and gouge.
			273.54	281.68	8.14	mKgW	GRD	MG	LT	GN	MA			PHC	3I	<1					Patchy phyllic alteration with trace potassic alteration. Some fractures have pervasive chlorite.
														POT	1I						
																					EOH

KLAZA

Hole: DDH-12-75 **Logger Name: Noah Phillips and Nicole Marsh**

Depth (m)		DESCRIPTION
168.90		Abrupt contact between granodiorite and porphyry dyke. Granodiorite hangin wall, dyke footwall.
206.72		Abrupt contact between dyke and granodiorite.
213.35		Abrupt contact between dyke and granodiorite.
245.33		Abrupt contact between dyke and granodiorite. Hanging wall is dyke, footwall is granodiorite.

KLAZA

Hole: DDH-12-75 **Logger Name:** Noah Phillips and Nicole M **Date:** July 1st, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	6.60	6.80	0.20	57.00		1.00	Li	50.00	Small, highly oxidized, moderately clay altered quartz rich with moderate chalcedony. Pervasive oxidation extends for ~15cm to either side of the fault.	
							Ch	20.00		
							Qz	30.00		
VT	7.73	7.78	0.05	35.00		2.00	Qz	100	2 small (<1mm) quartz veinlets.	
VN	9.00	9.04	0.04	60.00		1.00	Ch	30.00	1.5cm vein with moderate chalcedony and pyrite as well as a bark black infill (chlorite?). Vein is highly oxidized on both sides for ~2cm followed by light green phyllic alteration (2l) with weak potassic alteration on the outside.	
							Py	8.00		
VT	10.10	10.15	0.05	50.00		2.00	Qz	50.00	2 small <1mm highly oxidized quartz veinlets.	
							Li	50.00		
VT	13.98	14.02	0.04	70.00		1.00			0.2mm veinlet with 1cm of phyllic alteration to either side. Veinlet is mainly filled with chlorite.	
VN	16.85	16.93	0.08	40.00		1.00	As	0.10	Light pink, rose quartz (opaque) vein. 5cm in width containing trace arsenopyrite.	
VT	17.80	17.85	0.05	33.00		1.00	Chl	60.00	1mm wide chlorite veinlet with phyllic alteration extending 5cm on either side of the veinlet.	
VT	18.67	18.70	0.03	60.00		1.00	Ca	100	1mm calcite veinlet.	
VT	19.00	19.09	0.09	70.00		1.00	Ca	100	1mm calcite veinlet.	
VT	20.02	21.26	1.24	60.00		13.00	Qz	50.00	<1mm quartz veinlet with moderate chlorite. Veinlets are parallel and have phyllic alteration halos ~2mm wide.	
							Chl	50.00		
FX	22.50	23.28	0.78	40.00		30.00	Li	30.00	Highly oxidized section with numerous fractures making the section rubbly.	
VT	25.00	26.24	1.24	60.00		32.00	-		<1mm quartz veinlet with moderate chlorite. Veinlets are parallel and have phyllic alteration halos ~2mm wide.	
VT	27.48	27.53	0.05	78.00		2.00	Py	3.00	2 chalcedony veinlets with weak pyrite.	
VT	32.20	32.30	0.10	24.00		1.00	-		Low angle dark chlorite veinlet.	
VT	33.58	33.61	0.03	54.00		1.00	-		0.5cm quartz veinlet. Large alteration halo of argillic alteration overprinted by phyllic alteration 10cm to either side. No mineralization.	
VT	35.97	36.00	0.03	60.00		2.00			2 0.1cm quartz veinlets with 3cm phyllic alteration halos on either side of the veinlets.	
VT	39.28	40.55	1.27	15.00		3.00			Three low lying 0.2cm quartz veinlets.	
VN	39.85	40.03	0.18	55.00		6.00			6 quartz veinlets, 2mm widths.	
FT	39.93	39.96	0.03	85.00		1.00			Short clay altered, gougy section (~2.5cm in width). Minor fault?	
VT	41.25	41.28	0.03	30.00		1.00			0.1mm quartz veinlet	
FT	40.83	40.85	0.02	83.00		1.00			Small clay altered section. Minor fault?	
VT	44.75	45.00	0.25	60.00		5.00			5 1mm veinlets with chlorite alteration on both sides up to 1cm.	
DK	52.24	52.28	0.04	70.00		1.00			2cm wide aplite dyke.	
DK	52.70	52.73	0.03	56.00		1.00			1.1cm wide aplite dyke.	
DK	52.86	52.89	0.03	70.00		1.00			1.6cm wide aplite dyke.	
DK	53.98	54.50	0.52	8.00		2.00			2 2cm wide aplite dykes. These are crosscut by the higher angle dyke below.	
DK	54.48	54.51	0.03	68.00		1.00			1.3cm wide aplite dyke. Cross cuts the dykes above.	
VT	54.37	54.79	0.42	40.00		5.00			Series of 5 quartz veinlets ~2mm in width.	
VT	55.14	55.20	0.06	30.00		1.00			1mm quartz veinlet.	
VT	56.51	56.59	0.08	34.00		1.00			3mm quartz veinlet.	
VT	57.00	59.94	2.94	30.00		30.00			Highly fractured section with numerous fine (<1mm) dark veinlets filled with chlorite. No visible sulphides.	
FT	60.21	61.20	0.99	58.00		1.00			Fault with an intensely clay altered core between 60.90 and 61.00m. Edges of core have a dark grey clay.	
VT	61.40	62.05	0.65	60.00		3.00	Py	2.00	3 small 0.2cm wide quartz veinlets with blebby pyrite in the veinlets themselves.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	63.11	63.16	0.05	40.00		1.00	Py	0.50	2cm quartz veinlet with trace, fine grained, disseminated pyrite in the alteration halo (2cm to either side).	
FT	63.69	64.03	0.34	?		1.00			Highly clay altered and oxidized fault, with wall rock being oxidized to a light orange colour 28cm to either side of the fault.	
VT	64.15	64.20	0.05	68.00		4.00	Py	7.00	Several 0.3cm quartz veinlets ~2mm in width with moderate pyrite hosted disseminated within the veinlets themselves.	
VT	65.20	65.32	0.12	35.00		1.00	Py	3.00	0.2cm wide clay altered veinlet. Weak, fine grained, disseminated pyrite is found in the alteration envelope (5cm to either side, oxidized and phyllic altered).	
VT	66.00	66.06	0.06	40.00		2.00	Py	20.00	Pure pyrite veinlet alongside a parallel quartz veinlet. Has a strong phyllic alteration halo 2cm to either side of the veinlet.	
VT	66.97	67.00	0.03	80.00		1.00			1mm quartz veinlet with 2cm phyllic alteration envelope.	
FT	67.85	67.95	0.10	25.00		1.00			Highly rubbly, clay altered and oxidized minor fault with no mineralization.	
VN	70.45	70.55	0.10	30.00		1.00	Py	3.00	Dark black, 1cm, mainly chlorite with quartz vein containing fine grained disseminated pyrite in the vein.	
VT	72.02	72.28	0.26	13.00		2.00			Several fine (<1mm), black, dendritic veinlets oriented at a low angle to core axis with branches skirting off of the main veinlet oriented at 90° to core axis.	
VT	72.44	72.85	0.41	70.00		10.00	Py	5.00	Series of fine black veinlets with a general attitude of 70° to core axis containing moderate pyrite.	
FT	72.84	72.93	0.09	60.00		1.00			Highly clay altered fault. Clay is white to light grey in colour.	
VT	72.93	73.33	0.40	30.00		12.00	Py	8.00	Numerous cross-cutting, fine (<1mm) veinlets containing moderate pyrite and trace sphalerite.	
							Sp	1.00		
VT	73.55	73.60	0.05	43.00		1.00	Py	15.00	Stepped pyrite veinlet.	
VT	73.92	74.37	0.45	62.00		6.00	Py	1.00	Several dark grey quartz veinlets with trace pyrite.	
VT	75.28	75.63	0.35	73.00		4.00	Py	2.00	Several dark grey quartz veinlets with weak pyrite and hematite.	
							He	3.00		
FT	77.32	80.57	3.25	58.00		1.00	Py	15.00	Large fault containing quartz tourmaline veins (see below). Fault hosts strong pyrite and is highly oxidized. Core is highly clay altered and gougy and is light orange in colour. Gouge hosts abundant clasts up to 2cm in diameter of wall rock.	
							Li	15.00		
VN	79.33	79.38	0.05	65.00		1.00	Py	30.00	The only quartz tourmaline vein possible to get a measurement off of. Vein is 2cm thick and hosts semi-massive, fine grained, euhedral pyrite.	
							To	40.00		
							Qz	30.00		
DK	87.82	88.10	0.28	35.00		1.00	Py	30.00	Black breccia with sub-rounded clasts. Highly mineralized with abundant pyrite.	
VT	90.83	91.00	0.17	68.00		4.00			4 high angle 1-2mm quartz carbonate veinlets.	
DK	91.92	92.04	0.12	60.00		1.00			13 cm aplite dyke.	
VT	92.28	92.30	0.02	65.00		1.00	Sp	70.00	Massive 2mm thick sphalerite veinlet with trace to weak galena and pyrite.	
							Gn	0.50		
							Py	2.00		
VT	92.30	92.85	0.55	71.00		10.00	Sp	4.00	Several 0.1mm quartz veinlets containing weak sphalerite and pyrite.	
							Py	1.00		
VN	92.97	93.01	0.04	60.00		1.00	Py	10.00	1.5cm dark green chlorite rich vein with moderate pyrite.	
VT	93.86	94.00	0.14	60.00		1.00	Py	30.00	0.6cm pyrite veinlet with quartz on either side. Has dark green propyllitic alteration 2cm to either side.	
VT	94.34	94.39	0.05	50.00		1.00			1mm quartz veinlet with a phyllic alteration envelope 2cm to either side.	
VT	97.91	97.94	0.03	65.00		1.00			0.8cm calcite veinlet with a 1.5cm phyllic alteration envelope 1.5cm to either side.	
FT	103.63	103.65	0.02	60.00		1.00	Py	20.00	Fault core, highly clay altered with lots of pyrite. Fault exists 5cm to either side of the core and also contains abundant pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	103.90	103.95	0.05	20.00		1.00	Py	30.00	15cm smoky quartz vein with semi-massive fine grained pyrite5cm to either side of the vein.	
VT	109.00	110.50	1.50	20.00		80.00	He	30.00	Dark red, dendritic hematite veinlets with a primary orientation at 20° to core axis.	
VT	110.68	111.00	0.32	20.00		1.00	Py	20.00	Low angle pyrite veinlet.	
DK	115.00	115.03	0.03	40.00		1.00			1.5cm aplite dyke.	
VT	116.00	116.03	0.03	40.00		1.00	Py	1.00	4mm quartz veinlet with trace disseminated pyrite in the veinlet.	
VN	116.75	116.78	0.03	85.00		1.00	Py	15.00	1cm chalcedony vein containing 2mm of dark black material holding large blebs and disseminated pyrite.	
VT	116.93	116.95	0.02	78.00		1.00			1mm quartz veinlet.	
VN	117.51	117.56	0.05	45.00		1.00	Chl	50.00	Dark black vein, when broken open, light green chlorite is pervasive through the vein.	
VT	117.76	118.35	0.59	26.00		7.00			Several small (<1mm) chlorite veinlets.	
VT	118.35	118.40	0.05	75.00		2.00			2 2mm quartz veinlets with phyllic alteration halos 2cm to either side.	
FT	119.30	119.40	0.10	-		1.00			Small clay altered, highly rubbly sub-section, minor fault?	
VT	120.36	120.41	0.05	45.00		1.00	Py	5.00	0.2mm dark black veinlet with weak pyrite.	
DK	120.62	120.81	0.19	50.00		1.00			Aplite dyke.	
VT	121.74	121.79	0.05	35.00		1.00	He	80.00	Dark red hematite rich veinlet.	
DK	122.00	122.05	0.05	50.00		1.00			2cm wide aplite dyke.	
VT	123.00	125.87	2.87	40.00		25.00			Numerous hematite veinlets at a low angle to core axis causing intense red staining of the surrounding rock.	
VT	124.05	124.15	0.10	80.00		7.00			Several 1mm quartz veinlets at a high angle to core axis. No visible mineralization.	
VT	124.53	124.56	0.03	40.00		1.00	Py	50.00	3mm wide, black, sulphide rich veinlet containing strong pyrite.	
FT	126.30	126.53	0.23	30.00		1.00			Highly clay altered and fractured fault. Light green from pervasive phyllic alteration.	
VT	127.80	127.86	0.06	60.00		2.00			2 1mm quartz veinlets oriented at 60° to core axis with 2cm phyllic alteration halos to either side.	
VT	128.80	128.95	0.15	75.00		2.00			2 1mm quartz veinlets with phyllic alteration envelopes 1.5cm to either side followed by 2cm of argillic alteration.	
VN	130.95	131.10	0.15	55.00		4.00			Several quartz and chalcedony veins, ~1cm in width.	
VT	131.30	132.10	0.80	70.00		6.00			6 parallel ~0.3cm quartz and chalcedony veinlets.	
VT	133.20	133.31	0.11	80.00		11.00	Py	8.00	11 dark black veinlet with moderate pyrite and trace arsenopyrite.	
							As	1.00		
VT	134.19	134.21	0.02	70.00		1.00			0.5cm quartz veinlet.	
VN	135.39	135.56	0.17	88.00		2.00	Py	2.00	Two 1.2cm quartz veinlets with trace pyrite in the alteration envelopes.	
VT	139.95	140.05	0.10	60.00		3.00	Py	2.00	Three 0.3cm chalcedony veinlets with trace pyrite disseminated in the surrounding rock.	
FT	142.34	142.57	0.23	20.00		1.00	He	50.00	Dark red, gougy minor fault ~4cm in width. Full of hematite.	
VN	146.16	146.28	0.12	43.00		2.00	He	30.00	Two 1cm hematite veins.	
FT	147.92	147.95	0.03	65.00		1.00			Highly clay altered interval. Clay is off-white in colour. Minor fault?	
DK	151.55	151.73	0.18	38.00		1.00			Aplite dyke. Light red.	
FT	153.00	153.05	0.05	23.00		1.00			1.5cm gougy fault.	
VT	154.63	154.67	0.04	70.00		1.00			0.5cm quartz veinlet with light green chlorite in the centre.	
VT	159.00	160.05	1.05	65.00		4.00			0.3-1cm quartz and chalcedony veinlets.	
VT	168.45	168.55	0.10	20.00		1.00	He	80.00	Dark red 2mm hematite veinlet.	
FT	169.00	174.03	5.03	?		1.00	He	3.00	Faulted felsic dyke. About 2/3 of section is clay altered dyke with hematite staining. Clay altered sections are gougy. Unknown orientation to core axis due to rubble at the start of the fault. The rest is competent quartz-feldspar porphyry.	
VT	186.25	186.32	0.07	25.00		1.00	Ca		Carbonate veinlet. 3mm true width.	
VT	188.71	188.82	0.11	20.00		2.00			Carbonate veinlet. >1mm true width.	
VT	189.07	189.22	0.15	23.00		1.00			Quartz carbonate veinlet. 1.5mm true width.	
VT	193.72	194.16	0.44	13.00		2.00			Quartz carbonate veinlet. ~1mm width.	
VT	197.38	197.39	0.01	70.00		4.00			Thin quartz-carbonate veinlets (<1mm to 4mm).	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	201.14	202.75	1.61	65.00		6.00			Quartz-carbonate veinlets (2 to 4mm)	
VT	202.56	202.81	0.25	45.00		1.00			Smokey quartz vein with blebs of quartz-carbonate ~1cm of gouge material (small fault?). Quartz-carbonate veinlet at end of interval, orientated at 70 degrees to core axis.	
VN	204.30	204.34	0.04	75.00		1.00			Smokey quartz veinlet. Widths of 4.5cm and 4mm. Also, a 5mm veinlet at 45 degrees to core axis.	
VT	206.09	206.10	0.01	60.00		1.00			Milky quartz veinlet (4mm in width).	
FT	206.71	207.42	0.71	55.00		1.00			Contact between dyke and granodiorite. Fault gouge until 207.42.	
VT	207.42	207.56	0.14	60.00		2.00			Smokey quartz veinlet with. 4.5cm, 4mm in width (plus a 5mm veinlet at 45 degrees to core axis).	
VT	209.85	209.93	0.08	32.00		1.00			Milky branching/stringy carbonate vein (2mm tendrils for 1.4cm).	
VT	210.13	210.21	0.08	40.00		1.00			Red and beige quartz-carbonate vein (bordered by chlorite alteration). 5mm in width.	
VT	212.88	212.92	0.04	55.00		1.00			Red and beige quartz-carbonate vein (bordered by chlorite alteration). 5mm in width.	
VT	213.25	213.31	0.06	43.00		1.00			White quartz-carbonate vein with fine-blue mineral. 1.4cm in width.	
FT	217.00	217.16	0.16	70.00		1.00	Py	1.00	Quartz veinlet with blebs of pyrite and trace amounts of sphalerite and galena.	
							Sp	<1		
							Gn	<1		
FT	217.50	218.21	0.71			3.00			Small fault zones (2-3cm wide) with clay altered gouge. Faults at 21.5m, 217.72m and 218.2m.	
VT	220.17	220.29	0.12	75.00		2.00			1-2mm stringers of unknown mineral (not carbonaceous).	
FT	227.44	236.15	8.71			7.00			Small fault zones at 227.44m (15cm in width), 228.71 (4cm in width), 229.15m (6cm in width), 230.11m (6cm in width), 231.51 (16cm in width), 232.12 (18cm in width), 235.87 (27cm in width).	
VT	233.16	233.25	0.09	80.00		2.00			Quartz-carbonate veinlets (milky white and beige, 4 and 6mm)	
VT	237.84	238.14	0.30	60.00		5.00	Ca	99.99	Carbonate veinlets.	
FO	245.77	246.32	0.55	65.00		1.00	He	25.00	Lower contact with Granodiorite is fine grained, red and has a sheared/foliated texture. Bands of colourations/minerals at an angle approximately 65 degrees to core axis.	
VT	246.73	246.99	0.26	65.00		3.00			Quartz-carbonate veinlets/stringers (1-3mm).	
VT	247.23	247.24	0.01	80.00					Smokey quartz and quartz-carbonate veinlet (7mm in width).	
VN	247.91	248.20	0.29	70.00		6.00	Py	2.00	2.3cm of quartz-sulphide vein, as well as 5 stringers bearing pyrite. Pyrite disseminated around vein. Pyrite blebs and stringers within vein. Vein is dominantly Smokey quartz, with oxidized/weathered sulphides and lesser amounts of quartz-carbonate.	
VN	248.54	248.95	0.41	85.00		4.00	Py	1.00	2 larger sulphide-quartz veins, 2 smaller sulphide-quartz veins and a couple of stringers. Larger veins consist of Smokey quartz with fine-dark oxidized sulphide material and blebby pyrite (6.2cm and 4cm in width). Smaller veins have crustiform texture with white quartz-carbonate, grey smokey quartz, blebby pyrite and dark-fine mineral (oxidized sulphides).	
FT	249.02	249.43	0.41				Sp	<1	Clay altered, broken/gougy sulphide veins and phyllic altered Granodiorite. Blebs of sphalerite pyrite. Abundant quartz and quartz-carbonate.	
							Py	1.00		
VN	250.42	250.65	0.23	80.00		3.00	Py	1.00	8cm sulphide-quartz vein, 1.5cm sulphide quartz vein, 4cm netted (or brecciated?) quartz and quartz-carbonate vein. Blebby pyrite with lesser amounts of blebby sphalerite. Disseminated pyrite throughout interval/between veins. Abundant dark-grey fine oxidized sulphide material.	
							Sp	<1		
VT	252.87	253.54	0.67	90.00		7.00			5 veinlets/stringers at 80 degrees to core axis, and 2 at 68 degrees to core axis. One stringer haloed by 3.5cm of vibrant green alteration (on either side). Quartz-carbonate stringers.	
VT	254.41	254.56	0.15	20.00		1.00	Ct	15.00	Hematite, quartz and beige quartz-carbonate veinlet haloed by dark pervasive chlorite.	
							He	2.00		
VT	254.60	254.62	0.02	80.00					5mm quartz and quartz-carbonate veinlet.	
VT	256.00	256.12	0.12	20.00			Py	1.00	Chlorite-quartz veinlet hosting blebs of pyrite.	
VT	257.18	257.38	0.20				Py	<1	Smoky quartz veinlets, disseminated pyrite and minor quartz-carbonate stringers.	
VT	259.42	259.78	0.36	26.00			Ct	5.00	Veinlet composed primarily of chlorite. 2mm in width.	
VN	261.00	261.53	0.53	76.00					Quartz (+minor carbonate) vein. White, smoky and blue. 1.5cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	261.00	261.53	0.53	80.00		2.00	Cp	1.00	Highly fractured zone with two veins. First vein is a chlorite and quartz vein at 6 degrees tca, 6mm in width. Second is smoky quartz and chlorite vein hosting chalcopyrite and pyrite , hematite and minor quartz-carbonate (2.2cm in width).	
				35.00			PY	1.00		
FT	261.53	262.85	1.32						Clay altered faut gouge zone. Highly altered and fragmented.	
VT	262.85	263.49	0.64	48.00		1.00	Py	<1	Many smoky quartz veinlets hosting blebby pyrite and chlorite stringers. Extremely altered zone.	
							Ct	15.00		
							Qz	35.00		
VN	269.21	269.33	0.12	40.00		1.00	He	<1	White calcite, grey quartz and dark grey aphanitic sulphides vein hosting blebs of pyrite. 8mm in width. Pyrite stringers also present.	
							Py	<1		
VT	270.47	270.58	0.11	50.00		1.00	Cp	<<1	7mm quartz veinlet hosting blebby/massive pyrite and trace chalcopyrite. Minor quartz-carbonate.	
							Py	5.00		
VN	275.12	275.32	0.20	60.00		3.00			3 veins of quartz and quartz-carbonate (7mm, 4cm and 1.5cm). Pink/white colours (ankerite?). Minor vuggy textures.	
VT	276.55	276.63	0.08	50.00		2.00			Blue, white and pink quartz and quartz-carbonate vein at 50 degrees tca. Another (7mm) at 75 degrees tca.	
				75.00						
VN	276.94	277.05	0.11	50.00		1.00			Blue, white and pink quartz and quartz-carbonate vein. Bands of stringy quartz (smoky veins, 2mm, 80 degrees tca).	
				80.00						
VN	279.92	280.13	0.21	70.00		1.00			Fractured quartz vein hosting sulphides. Vein zone at 70 degrees tca with pink ankerite and quartz-carbonate veinlets at 37 degrees tca. Smoky quartz and beige quartz-carbonate with blebby pyrite and greu oxidized sulphide material. Vuggy/bulbous quartz carbonate on fracture. Halo of heavy chlorite altereation.	
VT	280.50	280.57	0.07	70.00		8.00			Smoky quartz and beige quartz-carbonate veinlets and stringers.	
VN	281.25	281.31	0.06	48.00		1.00			1cm milky-white quartz-carbonate vein.	
VT	286.81	286.82	0.01	80.00		1.00			4mm white quartz-carbonate veinlet.	
VN	288.87	288.91	0.04	40.00		1.00	Py	10.00	1cm of pervasive blebby pyrite orientated at 40 degrees tca (set in siliceous GRD). Pervasive and dark chlorite on proximal fractures.	
ST	293.72	293.89	0.17	50.00		5.00			Stringers/veinlets of white quartz-carbonate.	
ST	297.85	299.64	1.79	45.00		2.00	Py	<1	Dark, fine stringers hosting pyrite.	
VN	299.25	299.60	0.35	20.00		1.00			Heavy dark chlorite vein/chlorite in fracture. Approximately 5mm in width.	
									EOH at 300.84m	

KLAZA

Hole: DDH-12-75 **Date: July 2nd**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
13.31	9.6	4.1	357.5	221.2	GRD						2.820637	2.622891	Unaltered GRD.
25.3	10	4.1	385.8	239.5	GRD		PHC	2I			2.922164	2.637047	GRD with 5 <1mm quartz and chlorite veinlets. Veinlets have phyllic alteration haloes giving the interval a light green colour.
55.25	10	4.1	370.5	229.2	GRD						2.806278	2.622081	Unaltered GRD.
64.7	9.9	4.1	345.3	204.7	GRD		ARG	3I			2.641823	2.455903	Argillic altered GRd with small 0.1cm quartz veinlet.
73.49	11.5	4.1	421.8	271.7	GRD		PHC	4I	Py	4	2.778121	2.810127	Phyllic altered GRD. Green in colour with pyrite veinlet in center of the interval.
93.2	9.4	4.1	339.4	206.4	GRD		ARG	3I			2.734805	2.55188	Argillic and phyllic altered GRD . Phyllic alteration envelopes quartz veins.
					GRD		PHC	2I					
107.31	9.6	4.1	335.9	219.6	GRD		PRO	2I			2.650215	2.88822	Weakly propylitic altred GRD containing 3 small 0.2cm quartz veinlets.
123.16	9.8	4.1	340	203.6	GRD						2.627818	2.492669	Dark red highly hematite stained with numerous hematite veinlets.
132.9	9.1	4.1	330.7	203.7	GRD		PHC	3I			2.75255	2.603937	Light green phyllic altered GRD. 3 quartz microveinlets within interval.
154.9	9.8	4.1	364.2	227.2	GRD						2.814857	2.658394	Unaltered GRD.
179.2	9.7	4.1	358.9	222.6	FEL						2.80249	2.633162	Medium green felsic QFPD with 1cm wide phenocrysts.
185.4	9.4	4.1	342.6	209	FEL	CG					2.76059	2.564371	Dark purple QFPD with high density containing light green, clay altered phenocrysts.
194.21	10	4.1	370.8	238.4	FEL	MG					2.80855	2.800604	Rich purple QFPD with light green phenocrysts.
248.18	10.02	4.1	349.6	219.4	GRD	MG	PHC	3I	Py	<<1	2.642689	2.6851	Strongly phyllic altered, light green GRD. Trace amounts of disseminated pyrite.
													EOH

KLAZA

Hole: DDH-12-75 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
53.90	54.90	1.00	0.96	96	N829855	75-1				
54.90	57.00	2.10	2.14	102	N829856	75-1				
57.00	58.46	1.46	1.46	100	N829857	75-1				
58.46	60.27	1.81	1.57	86.7	N829858	75-1				
60.27	61.37	1.10	1.06	96.4	N829859	75-1				
61.37	62.37	1.00	1.00	100	N829860	75-1				
-	-		-		N829861	75-1				STD-KL-2
62.37	63.40	1.03	1.03	100	N829862	75-1				
63.40	64.50	1.10	1.04	94.5	N829863	75-1				
64.50	67.00	2.50	2.32	92.8	N829864	75-1				
67.00	68.89	1.89	1.67	88.4	N829865	75-1				
68.89	70.23	1.34	1.34	100	N829866	75-1				
68.89	70.23	1.34	1.34	100	N829867	75-1				1/4 sample duplicate
70.23	72.30	2.07	2.01	97.1	N829868	75-1				
72.30	73.32	1.02	1.02	100	N829869	75-1				
73.32	75.21	1.89	1.70	89.9	N829870	75-1				
75.21	76.25	1.04	1.04	100	N829871	75-1				
-	-		-		N829872	75-1				STD-KL-3
76.25	77.65	1.40	1.05	75	N829873	75-1				
77.65	78.65	1.00	0.83	83	N829874	75-1				
78.65	80.50	1.85	1.35	73	N829875	75-1				
80.50	82.38	1.88	1.88	100	N829876	75-1				
-	-		-		N829877	75-1				BLANK
82.38	84.88	2.50	1.90	76	N829878	75-1				
84.88	87.35	2.47	2.46	99.6	N829879	75-1				
87.35	88.35	1.00	1.00	100	N829880	75-1				
88.35	91.26	2.91	2.79	95.9	N829881	75-1				
-	-		-		N829882	75-1				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
91.26	93.24	1.98	1.82	91.9	N829883	75-1				
93.24	94.96	1.72	1.58	91.9	N829884	75-1				
94.96	97.77	2.81	2.61	92.9	N829885	75-1				
97.77	99.77	2.00	2.00	100	N829886	75-1				
-	-		-		N829887	75-1				COARSE DUPLICATE
99.77	102.19	2.42	2.42	100	N829888	75-1				
102.19	103.30	1.11	1.10	99.1	N829889	75-1				
103.30	104.30	1.00	0.90	90	N829890	75-1				
104.30	106.40	2.10	2.10	100	N829891	75-2				
106.40	108.55	2.15	2.07	96.3	N829892	75-2				
108.55	109.55	1.00	1.00	100	N829893	75-2				
109.55	111.00	1.45	1.38	95.2	N829894	75-2				
-	-		-		N829895	75-2				BLANK
111.00	113.00	2.00	2.00	100	N829896	75-2				
113.00	115.00	2.00	2.00	100	N829897	75-2				
115.00	116.52	1.52	1.52	100	N829898	75-2				
116.52	119.52	3.00	3.00	100	N829899	75-2				
119.52	121.10	1.58	1.58	100	N829900	75-2				Changed tag books
121.10	124.10	3.00	2.85	95	N828801	75-2				
124.10	125.88	1.78	1.78	100	N828802	75-2				
-	-		-		N828803	75-2				BLANK
125.88	127.28	1.40	1.20	85.7	N828804	75-2				
127.28	129.25	1.97	1.94	98.5	N828805	75-2				
129.25	130.73	1.48	1.48	100	N828806	75-2				
130.73	132.71	1.98	1.95	98.5	N828807	75-2				
132.71	133.71	1.00	1.00	100	N828808	75-2				
-	-		-		N828809	75-2				1/4 sample duplicate
133.71	135.28	1.57	1.57	100	N828810	75-2				
135.28	137.92	2.64	1.53	58	N828811	75-2				
137.92	141.08	3.16	2.16	68.4	N828812	75-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
141.08	143.09	2.01	1.48	73.6	N828813	75-2				
-	-		-		N828814	75-2				STD-KL-3
143.09	145.29	2.20	2.13	96.8	N828815	75-2				
145.29	147.29	2.00	1.94	97	N828816	75-2				
147.29	150.02	2.73	2.57	94.1	N828817	75-2				
150.02	153.01	2.99	3.00	100	N828818	75-2				
-	-		-		N828819	75-2				COARSE DUPLICATE
153.01	156.01	3.00	2.87	95.7	N828820	75-2				
156.01	158.45	2.44	2.43	99.6	N828821	75-2				
158.45	160.67	2.22	2.19	98.6	N828822	75-2				
-	-		-		N828823	75-2				STD-KL-2
160.67	162.00	1.33	1.31	98.5	N828824	75-2				
162.00	165.00	3.00	2.90	96.7	N828825	75-2				
165.00	168.00	3.00	3.00	100	N828826	75-2				
168.00	169.00	1.00	0.93	93	N828827	75-3				
169.00	171.00	2.00	2.00	100	N828828	75-3				
171.00	174.00	3.00	2.70	90	N828829	75-3				
174.00	177.00	3.00	2.76	92	N828830	75-3				
177.00	180.00	3.00	2.98	99.3	N828831	75-3				
180.00	183.00	3.00	2.98	99.3	N828832	75-3				
183.00	186.00	3.00	2.72	90.7	N828833	75-3				
					N828834	75-3				COARSE DUPLICATE
186.00	188.85	2.85	2.85	100	N828835	75-3				
188.85	191.54	2.69	2.37	88.1	N828836	75-3				
191.54	194.44	2.90	2.83	97.6	N828837	75-3				
					N828838	75-3				STD-KL-3
194.44	197.00	2.56	2.55	99.6	N828839	75-3				
197.00	200.00	3.00	2.77	92.3	N828840	75-3				
200.00	201.75	1.75	1.70	97.1	N828841	75-3				
					N828842	75-3				1/4 Duplicate
201.75	202.97	1.22	1.20	98.4	N828843	75-3				
202.97	204.89	1.92	1.92	100	N828844	75-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
204.89	206.44	1.55	1.50	96.8	N828845	75-3				
206.44	207.60	1.16	1.16	100	N828846	75-3				
					N828847	75-3				BLANK
207.60	208.90	1.30	1.15	88.5	N828848	75-3				
208.90	211.00	2.10	2.07	98.6	N828849	75-3				
211.00	213.00	2.00	1.90	95	N828850	75-3				
213.00	214.00	1.00	1.00	100	N829851	75-3				
214.00	216.85	2.85	2.79	97.9	N829852	75-3				
216.85	217.93	1.08	1.05	97.2	N829853	75-3				
					N829854	75-3				BLANK
217.93	218.97	1.04	0.95	91.3	N829855	75-3				
218.97	220.67	1.70	1.70	100	N829856	75-3				
220.67	223.00	2.33	2.33	100	N829857	75-3				
223.00	224.56	1.56	1.56	100	N829858	75-3				
					N829859	75-3				STD-KL-2
224.56	226.18	1.62	1.60	98.8	N829860	75-3				
226.18	228.06	1.88	1.88	100	N829861	75-3				
228.06	230.24	2.18	2.05	94	N829862	75-3				
230.24	231.49	1.25	1.25	100	N829863	75-4				
231.49	232.74	1.25	1.25	100	N829864	75-4				
232.74	235.50	2.76	2.74	99.3	N829865	75-4				
235.50	236.58	1.08	0.89	82.4	N829866	75-4				
					N829867	75-4				COARSE REJECT DUPLICATE
236.58	239.85	3.27	3.00	91.7	N829868	75-4				
239.85	242.85	3.00	2.72	90.7	N829869	75-4				
242.85	245.34	2.49	2.48	99.6	N829870	75-4				
245.34	246.34	1.00	1.00	100	N829871	75-4				
246.34	247.52	1.18	1.18	100	N829872	75-4				
247.52	248.53	1.01	1.00	99	N829873	75-4				
248.53	249.53	1.00	1.00	100	N829874	75-4				
					N829875	75-4				BLANK
249.53	250.59	1.06	1.06	100	N829876	75-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
250.59	251.63	1.04	1.00	96.2	N829877	75-4				
					N829878	75-4				1/4 DUPLICATE
251.63	254.19	2.56	2.51	98	N829879	75-4				
					N829880	75-4				STD-KL-2
254.19	256.88	2.69	2.51	93.3	N829881	75-4				
256.88	257.88	1.00	1.00	100	N829882	75-4				
257.88	259.74	1.86	1.86	100	N829883	75-4				
259.74	261.34	1.60	1.52	95	N829884	75-4				
261.34	262.93	1.59	1.25	78.6	N829885	75-4				
					N829886	75-4				BLANK
262.93	263.93	1.00	1.00	100	N829887	75-4				
263.93	264.93	1.00	1.00	100	N829888	75-4				
264.93	267.93	3.00	2.97	99	N829889	75-4				
					N829890	75-4				STD-KL-2
267.93	270.92	2.99	2.99	100	N829891	75-4				
270.92	273.52	2.60	2.51	96.5	N829892	75-4				
273.52	274.85	1.33	1.31	98.5	N829893	75-4				
274.85	276.31	1.46	1.46	100	N829894	75-4				
276.31	277.32	1.01	1.00	99	N829895	75-4				
277.32	278.69	1.37	1.00	73	N829896	75-4				
278.69	279.69	1.00	1.00	100	N829897	75-4				
279.69	280.69	1.00	1.00	100	N829898	75-4				
280.69	281.71	1.02	0.99	97.1	N829899	75-5				
281.71	284.71	3.00	2.98	99.3	N829900	75-5				
					N828762	75-5				STD-KL-3
284.71	285.79	1.08	1.08	100	N828763	75-5				
285.79	287.97	2.18	2.10	96.3	N828764	75-5				
287.97	288.97	1.00	1.00	100	N828765	75-5				
					EOH					

KLAZA

Hole: DDH-12-75 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	2.95	2.95		0		0					no recovery
2.95	5.18	2.23	2.23	100	0.77	35		2	3S	2W	
5.18	8.23	3.05	2.81	92	2.00	66		2	4S	2W	
8.23	11.28	3.05	3.00	98	1.95	64		2	4S	2W	
11.28	14.33	3.05	3.05	100	2.88	94		2	4S	2W	
14.33	17.37	3.04	3.03	100	2.51	83		2	4S	1W	
17.37	20.42	3.05	3.02	99	1.80	59		2	4S	1W	
20.42	23.47	3.05	2.85	93	2.06	68		2	4S	2W	
23.47	26.52	3.05	2.91	95	2.24	73		1	3S	2W	
26.52	29.57	3.05	2.96	97	1.56	51		2	4S	2W	
29.57	32.61	3.04	2.89	95	2.23	73		2	4S	2W	
32.61	35.66	3.05	2.87	94	1.60	52		2	4S	2W	
35.66	38.71	3.05	2.98	98	1.53	50		2	4S	2W	
38.71	41.76	3.05	2.93	96	1.56	51		2	3S	2W	
41.76	44.81	3.05	2.80	92	1.91	63		2	4S	2W	
44.81	47.85	3.04	2.99	98	2.40	79		2	4S	2W	
47.85	50.90	3.05	3.02	99	1.91	63		2	4S	2W	
50.90	53.95	3.05	2.87	94	2.34	77		2	3S	2W	
53.95	57.00	3.05	3.07	101	1.37	45		1	4S	2W	
57.00	60.05	3.05	2.75	90	0.26	9		1	4S	2W	
60.05	63.09	3.04	2.80	92	1.55	51		2	2S	2W	
63.09	66.14	3.05	2.76	90	1.65	54		1	3S	3W	
66.14	69.19	3.05	2.73	90	1.54	50		1	3S	3W	
69.19	72.24	3.05	3.00	98	1.72	56		2	3S	2W	
72.24	75.28	3.04	2.84	93	1.16	38		1	4S	3W	
75.28	78.33	3.05	2.74	90	0.82	27		1	4S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.83	93	0.40	13		1	2S	3W	
81.38	84.43	3.05	2.73	90	0.37	12		1	3S	3W	
84.43	87.48	3.05	2.87	94	0.63	21		2	5S	2W	
87.48	90.52	3.04	2.83	93	0.92	30		2	5S	2W	
90.52	93.57	3.05	2.88	94	1.17	38		2	4S	2W	
93.57	96.62	3.05	2.87	94	0.84	28		2	3S	1W	
96.62	99.67	3.05	2.60	85	0.36	12		2	5S	1W	
99.67	102.72	3.05	3.01	99	0.61	20		2	3S	1W	
102.72	105.77	3.05	2.80	92	0.57	19		2	5S	2W	
105.77	108.87	3.10	2.73	88	0.52	17		2	5S	2W	
108.87	111.86	2.99	2.93	98	0.67	22		2	4S	2W	
111.86	114.91	3.05	2.91	95	0.62	20		2	5S	2W	
114.91	117.96	3.05	2.98	97.7	0.93	30.49		2	5S	1W	
117.96	121.00	3.04	3.05	100	1.46	48.03		2	5S	1W	
121.00	124.05	3.05	2.88	94.4	2.04	66.89		2	4S	1W	
124.05	127.10	3.05	2.79	91.5	1.70	55.74		2	3S	1W	
127.10	130.14	3.04	3.00	98.7	1.56	51.32		2	4S	1W	
130.14	133.20	3.06	3.00	98	1.82	59.48		2	4S	1W	
133.20	136.25	3.05	3.05	100	1.58	51.8		2	4S	1W	
136.25	139.29	3.04	1.69	55.6	1.36	44.74		1	2S	1W	
139.29	142.34	3.05	2.55	83.6	0.50	16.39		1	5S	1W	
142.34	145.39	3.05	2.99	98	1.41	46.23		1	4S	1W	
145.39	148.44	3.05	2.73	89.5	1.13	37.05		2	3S	1W	
148.44	151.49	3.05	3.05	100	2.69	88.2		2	5S	1W	
151.49	154.53	3.04	2.84	93.4	1.53	50.33		2	4S	1W	
154.53	157.58	3.05	3.04	99.7	2.77	90.82		2	4S	1W	
157.58	160.63	3.05	3.03	99.3	2.72	89.18		2	4S	1W	
160.63	163.68	3.05	3.05	100	2.44	80		2	4S	1W	
163.68	166.73	3.05	3.02	99	2.90	95.08		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.90	95.4	1.48	48.68		1	1S	1W	
169.77	172.82	3.05	2.91	95.4	0.34	11.15		1	1S	1W	
172.82	175.87	3.05	2.26	74.1	0.51	16.72		1	3S	1W	
175.87	178.92	3.05	2.62	85.9	1.53	50.16		2	4S	1W	
178.92	181.97	3.05	2.98	97.7	2.76	90.49		1		1W	
181.97	185.01	3.04	2.85	93.8	1.74	57.24		2		1W	
185.01	188.06	3.05	3.05	100	2.23	73.11		2		1W	
188.06	191.11	3.05	3.00	98.4	2.34	76.72		2		1W	
191.11	194.16	3.05	3.05	100	2.35	77.05		2		1W	
194.16	197.21	3.05	3.05	100	1.81	59.34		2		1W	
197.21	200.25	3.04	2.91	95.7	1.76	57.89		2		1W	
200.25	203.30	3.05	3.05	100	1.62	53.11		2		1W	
203.30	206.35	3.05	3.02	99	2.17	71.15		2		1W	
206.35	209.40	3.05	2.94	96.4	1.95	63.93		1		1W	
209.40	212.45	3.05	3.00	98.4	2.07	67.87		2		1W	
212.45	215.49	3.04	3.00	98.7	1.97	64.8		1		1W	
215.49	218.54	3.05	3.05	100	1.38	45.25		1		1W	
218.54	221.59	3.05	3.05	100	2.11	69.18		1		1W	
221.59	224.64	3.05	3.05	100	1.75	57.38		1		1W	
224.64	227.69	3.05	3.03	99.3	1.83	60		2		1W	
227.69	230.73	3.04	2.78	91.4	0.94	30.92		2		1W	
230.73	233.78	3.05	3.05	100	1.26	41.31		1		1W	
233.78	236.83	3.05	2.86	93.8	1.69	55.41		1		1W	
236.83	239.88	3.05	2.96	97	1.84	60.33		2		1W	
239.88	242.93	3.05	2.78	91.1	1.11	36.39		1		1W	
242.93	245.97	3.04	3.05	100	0.64	21.05		2		1W	
245.97	249.02	3.05	2.98	97.7	1.12	36.72		2		1W	
249.02	252.07	3.05	3.05	100	1.21	39.67		1		1W	
252.07	255.12	3.05	2.98	97.7	2.71	88.85		2		1W	
255.12	258.17	3.05	2.88	94.4	2.49	81.64		2		1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3	98.7	2.55	83.88		2		1W	
261.21	264.26	3.05	2.75	90.2	1.06	34.75		1		1W	
264.26	267.31	3.05	2.91	95.4	2.19	71.8		2		1W	
267.31	270.36	3.05	3.01	98.7	2.78	91.15		2		1W	
270.36	273.41	3.05	2.94	96.4	2.79	91.48		2		1W	
273.41	276.45	3.04	3.03	99.7	2.72	89.47		2		1W	
276.45	279.50	3.05	3.01	98.7	2.72	89.18		2		1W	
279.50	282.55	3.05	2.93	96.1	2.46	80.66		2		1W	
282.55	285.60	3.05	2.96	97	2.55	83.61		2		1W	
285.60	288.65	3.05	2.85	93.4	2.04	66.89		2		1W	
288.65	291.69	3.04	3.05	100	2.49	81.91		2		1W	
291.69	294.74	3.05	3.03	99.3	2.42	79.34		2		1W	
294.74	297.79	3.05	3.01	98.7	2.52	82.62		2		1W	
297.79	300.84	3.05	2.86	93.8	2.54	83.28		2		1W	EOH

KLAZA

Hole: DDH-12-75 **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	2.95	2.95							NO SETS
2.95	5.18	2.23	30.00	0.70	0.00	1.00	2R	2W	
5.18	8.23	3.05	60.00	0.37	0.00	1.00	2R	3W	
			30.00	1.00	0.00	1.00	2R	3W	
8.23	11.28	3.05	65.00	0.50	0.00	1.00	2R	2W	
11.28	14.33	3.05	45.00	1.50	1.00	2.00	2R	2W	
14.33	17.37	3.04	45.00	1.00	0.00	2.00	2R	2W	
			60.00	0.60	0.00	1.00	2R	2W	
17.37	20.42	3.05	65.00	0.50	0.00	1.00	2R	2W	
			40.00	0.60	0.00	2.00	2R	2W	
20.42	23.47	3.05	60.00	0.50	0.00	1.00	2R	2W	
23.47	26.52	3.05	60.00	0.50	0.00	1.00	2R	2W	
26.52	29.57	3.05	45.00	0.50	0.00	1.00	2R	2W	
			60.00	0.75	0.00	1.00	2R	2W	
29.57	32.61	3.04	55.00	0.50	0.00	1.00	2R	2W	
32.61	35.66	3.05	55.00	0.33	0.00	1.00	2R	2W	
			40.00	0.75	0.00	1.00	2R	2W	
35.66	38.71	3.05	60.00	0.37	0.00	1.00	2R	2W	
			40.00	1.00	0.00	1.00	2R	2W	
38.71	41.76	3.05	65.00	0.75	1.00	1.00	2R	2W	
41.76	44.81	3.05	45.00	0.60	0.00	2.00	2R	2W	
44.81	47.85	3.04	50.00	0.75	0.00	2.00	2R	2W	
			35.00	0.75	0.00	1.00	2R	2W	
47.85	50.90	3.05	40.00	0.37	0.00	1.00	2R	2W	
			60.00	0.37	0.00	1.00	2R	2W	
50.90	53.95	3.05	40.00	1.00	0.00	1.00	2R	2W	
			50.00	0.37	0.00	1.00	2R	2W	
53.95	57.00	3.05	50.00	0.30	0.00	1.00	2R	2W	

KLAZA

			35.00	0.50	0.00	1.00	3R	2W	
57.00	60.05	3.05	35.00	0.75	0.00	2.00	2R	2W	Highly fractured
60.05	63.09	3.04	60.00	0.21	0.00	2.00	2R	2W	
			45.00	0.75	0.00	2.00	2R	2W	
63.09	66.14	3.05	50.00	0.50	0.00	1.00	2R	2W	
66.14	69.19	3.05	60.00	0.60	0.00	1.00	2R	2W	
69.19	72.24	3.05	30.00	0.50	0.00	2.00	2R	2W	
			60.00	0.43	0.00	2.00	3R	2W	
72.24	75.28	3.04	65.00	0.30	0.00	2.00	2R	2W	
			35.00	1.00	0.00	2.00	3R	2W	
75.28	78.33	3.05	65.00	0.43	0.00	2.00	3R	2W	Rubbly
78.33	81.38	3.05	35.00	0.75	0.00	2.00	3R	2W	
			60.00	1.50	0.00	1.00	2R	2W	
81.38	84.43	3.05	45.00	1.00	1.00	1.00	2R	2W	
			75.00	0.75	0.00	1.00	2R	2W	
84.43	87.48	3.05	55.00	0.50	0.00	2.00	2R	2W	
			40.00	0.50	0.00	1.00	2R	2W	
87.48	90.52	3.04	55.00	0.43	0.00	1.00	2R	2W	
			70.00	0.43	0.00	1.00	2R	2W	
90.52	93.57	3.05	80.00	0.50	0.00	1.00	2R	2W	
			50.00	0.30	0.00	1.00	2R	1W	
93.57	96.62	3.05	40.00	1.00	0.00	3.00	3R	1W	
			65.00	0.50	0.00	1.00	3R	1W	
96.62	99.67	3.05	60.00	0.37	0.00	1.00	2R	1W	
			80.00	0.60	0.00	1.00	3R	1W	
99.67	102.72	3.05	50.00	0.50	0.00	1.00	2R	1W	Highly fractured
102.72	105.77	3.05	75.00	0.42	0.00	2.00	2R	1W	
			45.00	0.75	0.00	1.00	2R	1W	
105.77	108.81	3.04	40.00	0.50	1.00	1.00	2R	1W	
			70.00	0.25	1.00	1.00	2R	1W	
108.81	111.86	3.05	80.00	0.33	1.00	1.00	2R	1W	
			50.00	0.75	1.00	1.00	2R	1W	
111.86	114.91	3.05	75.00	0.30	0.00	1.00	2R	1W	
			45.00	0.60	0.00	1.00	2R	1W	
114.91	117.96	3.05	45.00	0.50	0.00	2.00	3R	1W	
			65.00	0.75	0.00	1.00	3R	1W	
117.96	121.00	3.04	40.00	0.50	0.00	2.00	2R	1W	
			65.00	0.75	0.00	1.00	2R	1W	

KLAZA

121.00	124.05	3.05	20.00	0.75	0.00	2.00	3R	1W	
124.05	127.10	3.05	70.00	0.50	0.00	1.00	3R	1W	
			55.00	0.37	0.00	2.00	2R	1W	
127.10	130.14	3.04	45.00	0.75	0.00	2.00	2R	1W	
			65.00	0.37	0.00	1.00	2R	1W	
130.14	133.20	3.06	45.00	0.75	0.00	1.00	3R	1W	
			65.00	0.50	1.00	1.00	2R	1W	
133.20	136.25	3.05	50.00	0.42	1.00	1.00	2R	1W	
			65.00	0.42	0.00	1.00	2R	1W	
136.25	139.29	3.04	35.00	0.37	1.00	1.00	2R	1W	
139.29	142.34	3.05	55.00	0.30	1.00	2.00	2R	1W	
142.34	145.39	3.05	45.00	0.37	1.00	2.00	2R	1W	
			60.00	0.60	0.00	2.00	2R	1W	
145.39	148.44	3.05	30.00	0.75	0.00	1.00	2R	1W	
			60.00	0.60	0.00	1.00	2R	1W	
148.44	151.49	3.05	45.00	0.60	0.00	2.00	2R	1W	
			65.00	0.75	1.00	1.00	2R	1W	
151.49	154.53	3.04	60.00	0.37	0.00	1.00	2R	1W	
			45.00	0.75	0.00	2.00	2R	1W	
154.53	157.56	3.03	70.00	0.30	0.00	1.00	2R	1W	
157.56	160.63	3.07	70.00	0.37	0.00	1.00	2R	1W	
160.63	163.68	3.05	65.00	0.60	0.00	1.00	2R	1W	
			50.00	0.75	0.00	1.00	3R	1W	
163.68	166.73	3.05	60.00	0.60	0.00	1.00	2R	1W	
166.73	169.77	3.04	25.00	0.75	0.00	2.00	2R	1W	
			45.00	0.75	0.00	2.00	3R	1W	
169.77	172.82	3.05	65.00	0.42	1.00	1.00	3R	1W	
172.82	175.87	3.05	65.00	0.30	1.00	1.00	2R	1W	
175.87	178.92	3.05	65.00	0.30	0.00	1.00	3R	1W	
			50.00	0.50	0.00	2.00	3R	1W	
178.92	181.97	3.05	45.00	0.10	0.00	2.00	3R	1W	
181.97	185.01	3.04	45.00	1.15	0.00	2.00	3R	2W	
			60.00	0.15	0.00	1.00	3R	1W	
185.01	188.06	3.05	70.00	0.25	0.00	1.00	3R	1W	
188.06	191.11	3.05	70.00	0.25	0.00	1.00	3R	1W	
191.11	194.16	3.05	60.00	0.10	0.00	1.00	3R	2W	
194.16	197.21	3.05	70.00	0.15	0.00	2.00	3R	2W	
197.21	200.25	3.04	35.00	0.08	0.00	1.00	3R	1W	

KLAZA

			70.00	0.20	0.00	1.00	3R	1W	
200.25	203.30	3.05	70.00	0.30	0.00	1.00	3R	1W	
203.30	206.35	3.05	45.00	0.40	0.00	1.00	3R	1W	
			70.00	0.50	0.00	1.00	3R	1W	
206.35	209.40	3.05	45.00	1.10	1.00	1.00	2R	2W	
209.40	211.45	2.05	40.00	0.05	0.00	1.00	3R	2W	
211.45	215.49	4.04	45.00	0.15	0.00	1.00	3R	1W	
215.49	218.54	3.05	45.00	0.15	0.00	1.00	3R	1W	
218.54	221.59	3.05	60.00	0.09	0.00	1.00	3R	1W	
221.59	224.64	3.05	45.00	0.15	0.00	1.00	3R	1W	
224.64	227.69	3.05	45.00	0.40	0.00	1.00	2R	1W	
			60.00	0.40	0.00	1.00	2R	1W	
227.69	230.73	3.04	50.00	0.60	0.00	3.00	3R	1W	
230.73	233.78	3.05	45.00	0.40	0.00	1.00	3R	1W	
			70.00	0.10	0.00	1.00	2R	1W	
233.78	236.83	3.05	30.00	0.10	1.00	2.00	3R	1W	
			70.00	0.20	0.00	1.00	2R	1W	
236.83	239.88	3.05	50.00	0.20	0.00	1.00	3R	1W	
239.88	242.93	3.05	50.00	0.10	0.00	1.00	3R	1W	variable spacing (10-50cm)
242.93	245.97	3.04	40.00	0.06	0.00	2.00	3R	1W	
245.97	249.02	3.05	90.00	0.03	0.00	2.00	3R	1W	
			50.00	0.07	0.00	2.00	3R	1W	
249.02	252.07	3.05	50.00	0.13	0.00	2.00	3R	1W	
			80.00	0.08	0.00	2.00	3R	1W	
252.07	255.12	3.05	70.00	0.30	0.00	1.00	2R	1W	
255.12	258.17	3.05	45.00	0.60	0.00	2.00	3R	1W	
			60.00	0.60	0.00	1.00	2R	1W	
258.17	261.21	3.04	40.00	0.43	1.00	2.00	2R	1W	
			65.00	1.50	0.00	1.00	2R	1W	
261.21	264.26	3.05	50.00	0.50	0.00	2.00	2R	1W	
264.26	267.31	3.05	40.00	0.75	1.00	1.00	2R	1W	
			80.00	0.75	0.00	1.00	2R	1W	
267.31	270.36	3.05	80.00	0.75	0.00	1.00	2R	1W	
			60.00	1.00	0.00	1.00	2R	1W	
			25.00	1.50	1.00	1.00	3R	1W	
270.36	273.41	3.05	45.00	0.75	0.00	2.00	3R	1W	
			85.00	0.75	0.00	1.00	3R	1W	
273.41	276.45	3.04	45.00	0.60	1.00	1.00	2R	1W	

KLAZA

			80.00	0.50	0.00	1.00	3R	1W	
276.45	279.50	3.05	50.00	0.75	0.00	2.00	3R	1W	
279.50	282.55	3.05	45.00	0.30	0.00	2.00	3R	1W	
			60.00	0.75	0.00	1.00	3R	1W	
282.55	285.60	3.05	45.00	0.50	0.00	1.00	2R	1W	
			85.00	0.50	0.00	2.00	2R	1W	
285.60	288.65	3.05	70.00	0.75	0.00	1.00	2R	1W	
			45.00	0.60	0.00	1.00	2R	1W	
288.65	291.69	3.04	45.00	0.33	0.00	2.00	3R	1W	
291.69	294.74	3.05	60.00	0.50	0.00	1.00	2R	1W	
			45.00	0.50	0.00	1.00	2R	1W	
294.74	297.79	3.05	55.00	0.43	0.00	1.00	3R	1W	
297.79	300.84	3.05	45.00	0.60	1.00	2.00	2R	1W	
			25.00	1.00	0.00	1.00	3R	1W	EOH

KLAZA

Hole: DDH-12-75 **Date:**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00		
6.00		
7.00		
8.00		
9.00		
10.00		
11.00		
12.00		
13.00		
14.00		
15.00		
16.00		
17.00		
18.00		
19.00		
20.00		
21.00		
22.00		
23.00		
24.00		
25.00		
26.00		
27.00		
28.00		
29.00		

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00		
31.00		
32.00		
33.00		
34.00		
35.00		
36.00		
37.00		
38.00		
39.00		
40.00		
41.00		
42.00		
43.00		
44.00		
45.00		
46.00		
47.00		
48.00		
49.00		
50.00		
51.00		
52.00		
53.00		
54.00		
55.00		
56.00		
57.00		
58.00		
59.00		

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00		
61.00	0.26	
62.00	0.28	
63.00	1.29	
64.00	0.57	
65.00	0.41	
66.00	0.38	
67.00	0.73	
68.00	0.41	
69.00	1.10	
70.00	5.10	
71.00	0.32	
72.00	0.34	
73.00	1.04	
74.00	0.28	
75.00	0.24	
76.00	0.34	
77.00	0.55	
78.00	0.32	
79.00	0.24	
80.00	16.40	
81.00	4.40	
82.00	0.86	
83.00	5.02	
84.00	7.13	
85.00	10.10	
86.00	8.40	
87.00	3.85	
88.00	0.34	
89.00	0.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	13.60	
91.00	10.50	
92.00	0.59	
93.00	4.71	
94.00	4.51	
95.00	14.60	
96.00	13.70	
97.00	7.68	
98.00	15.90	
99.00	13.80	
100.00	16.80	
101.00	22.00	
102.00	19.10	
103.00	10.70	
104.00	0.49	
105.00	13.80	
106.00	17.50	
107.00	5.84	
108.00	2.35	
109.00	1.23	
110.00	0.49	
111.00	11.40	
112.00	11.10	
113.00	14.00	
114.00	9.88	
115.00	12.10	
116.00	4.24	
117.00	5.43	
118.00	12.90	
119.00	15.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	3.15	
121.00	3.21	
122.00	3.05	
123.00	3.19	
124.00	4.63	
125.00	1.45	
126.00	7.11	
127.00	2.46	
128.00	8.77	
129.00	11.00	
130.00	10.70	
131.00	7.31	
132.00	1.66	
133.00	5.61	
134.00	11.60	
135.00	10.20	
136.00	12.50	
137.00	0.88	
138.00	2.56	
139.00	4.22	
140.00	3.30	
141.00	1.45	
142.00	0.67	
143.00	4.32	
144.00	6.56	
145.00	24.80	
146.00	22.80	
147.00	9.36	
148.00	11.00	
149.00	23.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	21.10	
151.00	25.10	
152.00	19.40	
153.00	5.53	
154.00	16.30	
155.00	27.50	
156.00	23.80	
157.00	26.30	
158.00	10.90	
159.00	7.95	
160.00	11.20	
161.00	15.40	
162.00	13.00	
163.00	17.70	
164.00	5.98	
165.00	7.19	
166.00	5.67	
167.00	14.40	
168.00	1.78	
169.00	8.50	
170.00	4.22	
171.00	15.30	
172.00	4.46	
173.00	2.43	
174.00	8.67	
175.00	2.56	
176.00	5.35	
177.00	4.94	
178.00	0.34	
179.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.67	
181.00	3.07	
182.00	0.84	
183.00	2.58	
184.00	3.58	
185.00	2.60	
186.00	3.17	
187.00	1.84	
188.00	2.62	
189.00	4.05	
190.00	6.45	
191.00	5.35	
192.00	5.39	
193.00	3.21	
194.00	4.20	
195.00	5.57	
196.00	1.59	
197.00	4.92	
198.00	6.39	
199.00	1.64	
200.00	3.62	
201.00	4.40	
202.00	3.03	
203.00	2.74	
204.00	3.44	
205.00	3.46	
206.00	1.76	
207.00	3.32	
208.00	2.05	
209.00	1.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	4.55	
211.00	3.01	
212.00	2.68	
213.00	5.45	
214.00	4.26	
215.00	3.71	
216.00	3.81	
217.00	3.25	
218.00	3.93	
219.00	1.53	
220.00	3.91	
221.00	5.51	
222.00	5.35	
223.00	3.83	
224.00	3.64	
225.00	2.89	
226.00	5.59	
227.00	5.96	
228.00	2.48	
229.00	3.66	
230.00	2.15	
231.00	3.19	
232.00	2.68	
233.00	3.30	
234.00	4.32	
235.00	1.16	
236.00	3.23	
237.00	4.40	
238.00	3.40	
239.00	2.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	2.80	
241.00	8.09	
242.00	0.16	
243.00	1.49	
244.00	0.63	
245.00	1.18	
246.00	1.66	
247.00	1.45	
248.00	2.23	
249.00	2.19	
250.00	4.22	
251.00	7.68	
252.00	2.19	
253.00	4.53	
254.00	10.00	
255.00	5.76	
256.00	7.40	
257.00	7.23	
258.00	6.17	
259.00	6.00	
260.00	8.81	
261.00	9.96	
262.00	1.23	
263.00	6.72	
264.00	11.30	
265.00	6.47	
266.00	7.95	
267.00	2.87	
268.00	21.80	
269.00	21.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	28.30	
271.00	25.20	
272.00	26.50	
273.00	10.20	
274.00	3.36	
275.00	3.30	
276.00	8.67	
277.00	3.58	
278.00	7.68	
279.00	19.00	
280.00	0.65	
281.00	6.66	
282.00	15.70	
283.00	17.00	
284.00	1.57	
285.00	4.81	
286.00	9.40	
287.00	19.80	
288.00	22.10	
289.00	13.10	
290.00	22.20	
291.00	5.43	
292.00	4.73	
293.00	18.60	
294.00	15.90	
295.00	14.00	
296.00	23.30	
297.00	6.90	
298.00	18.30	
299.00	3.52	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	6.17	EOH

KLAZA

Hole: **DDH-12-75** **Date:**

Box #	From (m)	To (m)
1	0.00	8.52
2	8.52	14.25
3	14.25	20.02
4	20.02	25.69
5	25.69	31.32
6	31.32	37.12
7	37.12	42.85
8	42.85	48.56
9	48.56	54.37
10	54.37	59.94
11	59.94	65.72
12	65.72	71.54
13	71.54	77.00
14	77.00	83.00
15	83.00	88.22
16	88.22	93.97
17	93.97	99.74
18	99.74	105.50
19	105.50	110.60
20	110.60	115.85
21	115.85	121.00
22	121.00	126.93
23	126.93	132.23
24	132.23	138.05
25	138.05	144.63
26	144.63	150.40
27	150.40	156.02
28	156.02	161.83
29	161.83	167.51

KLAZA

30	167.51	173.26
31	173.26	179.68
32	179.68	185.25
33	185.25	190.90
34	190.90	196.54
35	196.54	202.34
36	202.34	207.75
37	207.75	213.65
38	213.65	219.52
39	219.52	225.02
40	225.02	230.73
41	230.73	236.45
42	236.45	242.08
43	242.08	247.90
44	247.90	253.58
45	253.58	259.32
46	259.32	265.02
47	265.02	270.86
48	270.86	276.75
49	276.75	282.55
50	282.55	288.51
51	288.51	294.14
52	294.14	300.08
53	300.08	300.84
		EOH

PROPERTY NAME

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383255.55	6889599.8	1405.735	227.08

ZONE: Klaza

SECTION:

HOLE: DDH-KL-12-76

CLAIM: YC39053

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: June 28 - 30

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.75	3.75	GRD	Overburden and rubbly granodiorite.
3.75	7.57	3.82	FEL	Oxidized quartz feldspar porphyry dyke.
7.57	23.33	15.76	GRD	Granodiorite with patchy alteration envelopes.
23.33	34.32	10.99	FEL	Quartz feldspar porphyry dyke.
34.32	38.71	4.39	GRD	Weak phyllic overprinting argillic in granodiorite.
38.71	40.03	1.32	FEL	Quartz feldspar porphyry dyke.
40.03	68.31	28.28	GRD	Granodiorite with patchy alteration envelopes.
68.31	77.91	9.60	FEL	Quartz feldspar porphyry dyke.
77.91	79.83	1.92	VEN	Dyke selvedge, rich in mineralized quartz veins.
79.83	110.85	31.02	GRD	Moderate phyllic alteration in granodiorite.
110.85	113.98	3.13	VEN	Clay-altered smoky-white mineralized quartz veins.
113.98	135.60	21.62	GRD	Moderate phyllic alteration in granodiorite.
135.60	150.23	14.63	GRD	Unaltered granodiorite.
150.23	186.77	36.54	GRD	Moderate phyllic alteration in granodiorite.
186.77	207.9	21.13	GRD	Moderate argillic alteration in granodiorite.
207.90	221.17	13.27	GRD	Moderate phyllic alteration in granodiorite.
221.17	227.08	5.91	GRD	Moderate propyllitic alteration in granodiorite.
				EOH @ 227.08 m

SAMPLES

Numbers: M899087 - M899230

Total: 144

Batch: 4

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-76 **Logger Name:** Teresa Cruz **Date:** July 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	3.75	3.75				mKgW	GRD	MG	Lt	Gn	Rb	4I		CLY	3I						Intensely oxidized and clay altered granodiorite with 50 cm of competent core. Remaining recovery is rubbly-disaggregated, with intense oxide staining.
									Md	Gy											
3.75	7.57	3.82				LKqP	FEL	FG	Lt	Bn	Rb	4I									Porphyry dyke with intense oxide staining and breakdown to rubble. No mineralized dyke selvedge with granodiorite.
									Md	Gy											
7.57	23.33	15.76				mKgW	GRD	MG	Lt	Gn		3I		PHC	3I	2.00		Sp	1.00		Granodiorite with patchy phyllic, argillic, and propyllitic alteration. Oxide stains are limited to fracture faces and envelopes. Crosscut by mineralized quartz veins.
									Md	Gy				PRO	2I			To	1.00		
														ARG	3I			Bi	1.00		
			7.57	18.03	10.46	mKgW	GRD	MG	Lt	Gn	Rb	2I		ARG	3I						Moderate argillic alteration overprinted by oxide staining in fractured granodiorite crosscut by quartz veins. Granodiorite hosts disseminated pyrite.
									Md	Gy											
			18.03	23.33	5.30	mKgW	GRD	MG	Lt	Gn				PRO	3I						Moderate propyllitic overprinting argillic with phyllic alteration envelopes adjacent to mineralized quartz veins.
									Md	Gy				PHC	2I						
														ARG	3I						
23.33	34.32	10.99				LKqP	FEL	FG	Lt	Gn	Rb	1I		CLY	1I						Quartz feldspar porphyry dyke with phenocrysts of plagioclase up to 2m in diameter.
									Md	Gy											
34.32	38.71	4.39				mKgW	GRD	MG	Lt	Gn	Fr	3I		ARG	2I						Weak-moderate phyllic overprinting weak argillic in granodiorite. Weak-moderate clay alteration throughout, especially on fractures with oxide staining.
									Md	Gy				PHC	3I						
														CLY	2I						
38.71	40.03	1.32				LKqP	FEL	FG	Lt	Bn	Bx	2I		CLY	3I	1.00					Quartz feldspar porphyry dyke with brecciating white clay altered quartz veinlets hosting disseminated pyrite. No dyke selvedge mineralization.
									Md	Gy											
40.03	68.31	28.28				mKgW	GRD	MG	Lt	Gn						1.00					Granodiorite with patchy argillic-phyllic-propyllitic alteration envelopes hosting disseminated-blebby pyrite.
									Md	Gy											
			40.03	45.21	5.18	mKgW	GRD	MG	Lt	Gn		2I		ARG	4I						Argillic alteration in granodiorite with oxide staining in subcentimetric fracture envelopes. Crosscut by quartz veins.
									Md	Gy											
			45.21	68.31	23.10	mKgW	GRD	MG	Lt	Gn		3I		PHC	3I	2.00					Phyllic altered granodiorite with patchy argillic and propyllitic envelopes, with narrow oxide staining envelopes around fractures. Oxide staining is more pervasive in argillic alteration envelopes. Minor silica flooding at 58.50-59.70m. Hosts blebby pyrite.
									Md	Gy				ARG	2I						
														PRO	2I						
68.31	77.91	9.60				LKqP	FEL	FG	Lt	Bn	Bx	2I		CLY	2I						Quartz feldspar porphyry dyke with patch of propyllitic granodiorite at 73.54-75.29m. Dyke composition varies, shown by colour change. Oxide staining and clay alteration are focused at fractures and crosscutting veinlets. Large plagioclase phenocrysts are white clay altered.
									Md	Gy	Rb										
77.91	227.08	149.17				mKgW	GRD	MG	Lt	Gn											Granodiorite with patchy phyllic, propyllitic, and argillic alteration envelopes crosscut by quartz veins.
									Md	Gy											

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			77.91	87.40	9.49	mKgW	GRD	MG	Lt	Gn				ARG	4I	1.00					Argillic alteration in granodiorite overprinted by patchy phyllic alteration, crosscut by quartz veins/veinlets and carbonate veinlets. Phyllic is stronger at vein/veinlet envelopes.
									Md	Gy				PHC	2I						
			87.40	99.34	11.94	mKgW	GRD	MG	Lt	Gn				PHC	4I	1.00					Phyllic alteration (signalling the start of the Klaza Zone) in granodiorite overprinting patchy argillic alteration, crosscut by quartz veins/veinlets and pyrite stringers.
									Md	Gy				ARG	2I						
			99.34	100.78	1.44	mKgW	GRD	MG	Lt	Gn				ARG	3I	1.00					Argillic alteration in granodiorite weakly overprinted by phyllic alteration. Crosscut by quartz veins/veinlets. Phyllic alteration is stronger at vein/veinlet envelopes.
									Md	Gy				PHC	2I						
			100.78	115.62	14.84	mKgW	GRD	MG	Lt	Gn				PHC	4I	3.00					Phyllic alteration with 3 thick mineralized veins. Crosscut by quartz veins/veinlets and overprints patchy argillic alteration. Hosts disseminated pyrite.
									Md	Gy				ARG	2I						
			115.62	117.28	1.66	mKgW	GRD	MG	Lt	Gn				PRO	3I						Moderate propyllitic alteration overprinting weak argillic with crosscutting quartz veinlets hosting disseminated pyrite.
									Md	Gy				ARG	1I						
			117.28	126.26	8.98	mKgW	GRD	MG	Lt	Gn				PHC	3I	2.00					Phyllic in granodiorite overprinting continuous argillic alteration crosscut by thick white quartz veins and mineralized white quartz veins with borders of chlorite. Hosts disseminated pyrite.
									Md	Gy				ARG	3I						
			126.26	130.15	3.89	mKgW	GRD	MG	Lt	Gn				PRO	3I	1.00					Moderate propyllitic alteration overprinting patchy argillic alteration with crosscutting quartz veins.
									Md	Gy				ARG	2I						
			130.15	135.60	5.45	mKgW	GRD	MG	Lt	Gn				PHC	4I	1.00					Moderate-intense phyllic overprinting patchy argillic alteration crosscutting quartz veins.
									Md	Gy				ARG	2I						
			135.60	150.23	14.63	mKgW	GRD	MG	Lt	Gn				PHC	2I	1.00					Unaltered granodiorite with patchy phyllic envelopes around quartz veins. Phyllic regions host disseminated pyrite.
									Md	Gy											
			150.23	161.72	11.49	mKgW	GRD	MG	Lt	Gn				PHC	3I	1.00		Cl	2.00		Moderate phyllic overprinting patchy argillic alteration. Hosts disseminated pyrite and blebby chlorite.
									Md	Gy				ARG	3I						
			161.72	172.00	10.28	mKgW	GRD	MG	Lt	Gn				PRO	4I	1.00					Moderate-intense propyllitic overprinting patchy argillic alteration, with narrow phyllic envelopes around crosscutting quartz veins. Also crosscut by carbonate veinlets. Potassic alteration between 165.90-169.20m. Crosscut by quartz veins/veinlets and carbonate veinlets. Weak-moderate hematite staining from 187.10-189.00m.
									Md	Gy				ARG	3I						
			172.00	186.77	14.77	mKgW	GRD	MG	Lt	Gn				PHC	4I	1.00		Cl	10.00		Moderate-intense phyllic overprinting patchy argillic with blebby chlorite and disseminated pyrite, crosscut by mineralized quartz veins and carbonate veinlets.
									Md	Gy				ARG	2I						
			186.77	200.25	13.48	mKgW	GRD	MG	Lt	Gn				POT	2I			Ep	3.00		Dominantly unaltered granodiorite with weak potassic overprinting and patchy argillic alteration. Hosts unusually yellow-green mossy epidote from 190.50-196.20m. Crosscut by quartz veins/veinlets and carbonate veinlets. Weak-moderate hematite staining from 187.10-189.00m.
									Md	Gy				ARG	2I			Cb	5.00		
			200.25	207.90	7.65	mKgW	GRD	MG	Lt	Gn	Rb			PRO	3I	1.00					Propyllitic alteration overprinting patchy argillic alteration. Rubbly recovery in argillic intervals.
									Md	Gy				ARG	3I						

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			207.90	221.17	13.27	mKgW	GRD	MG	Lt	Gn				PHC	1I	1.00					Unaltered granodiorite with minor hematite stained slickensides and phyllic envelopes around quartz veins.
									Md	Gy											
			221.17	227.08	5.91	mKgW	GRD	MG	Lt	Gn				PRO	4I	1.00					Moderate-intense propyllitic alteration in granodiorite with quartz veins bordered by phyllic envelopes. EOH.
									Md	Gy				PHC	1I						
																					EOH

PROPERTY NAME

Hole: DDH-KL-12-76 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
3.75		Assumed sharp contact between granodiorite and porphyry dyke, however is it intensely weathered and oxidized, so it is unclear.
7.57		Assumed sharp contact between porphyry dyke and granodiorite, however is it intensely weathered and oxidized, so it is unclear.
23.33		Sharp contact between granodiorite and porphyry dyke with a 25cm mineralized dyke selvedge.
38.71		Brecciated 45 degree contact between granodiorite porphyry dyke with minor clay and oxide staining. No major dyke selvedge.
40.03		Weakly clay altered and oxide stained 45 degree contact between porphyry dyke and granodiorite.
68.31		Weakly brecciated 60 degree sharp contact with heavy oxide staining and weak clay alteration. No dyke selcedge between granodiorite and porphyry dyke.
77.91		Moderately brecciated and clay gouged 45 degree sharp contact between porphyry dyke and granodiorite. Thick dyke selvedge, approximatly 2m thick.

PROPERTY NAME

Hole: DDH-KL-12-76 **Logger Name:** Teresa Cruz **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	10.06	10.14	30.00			Py	3.00	Moderate-weakly clay altered smoky quartz vein with disseminated-blebby pyrite.	
VT	11.13	11.79	60.00		7.00	Py	5.00	Smoky-white alternating bands of quartz with disseminated pyrite.	
VN	12.31	12.37	70.00			Py	10.00	Smoky crustiform quartz vein with blebby pyrite.	
VT	20.62	21.96	50.00		6.00	Py	8.00	Thin (1-3mm) white quartz veinlets with blebby pyrite and 1 cm phyllic alteration envelopes. Some chalcopyrite development on faces.	
						Cp	6.00		
VN	22.00	22.03	90.00			Py	40.00	Smoky quartz vein with massive pyrite. Smoky quartz is weakly clay altered.	
VN	23.35	23.55	60.00			Py	15.00	Dyke selvedge: clay altered-gouged smoky quartz vein with blebby pyrite.	
DY	29.64	29.97	80.00			Py	4.00	Crosscutting dark grey dyke of higher relative mafic content with clasts of white quartz vein hosting blebby pyrite.	
VN	37.67	37.73	70.00			Py	3.00	White-milky-grey quartz where milky quarts appears offset and entrained by white-grey quartz vein hosting disseminated pyrite.	
VN	41.28	41.34	90.00			Py	2.00	Smoky quartz vein with disseminated pyrite.	
VT	43.13	43.27	80.00		2.00	Py	1.00	White-milky crustiform-comb quartz veinlets with disseminated pyrite.	
VN	43.77	43.85	50.00			Py	1.00	Milky-grey quartz with chalcedony vein (in alternating bands_ with disseminated pyrite.	
						Ch	40.00		
VN	45.75	45.83	90.00			Py	25.00	Quartz vein of alternating bands of white-smoky quartz. White quartz shows comb-crustiform textures with massive-blebby pyrite and blebby sphalerite.	
						Sp	10.00		
VN	46.43	46.47	60.00			Py	3.00	White-smoky crustiform quartz vein with minor clay gouge and disseminated pyrite	
VN	49.12	49.18	90.00			Py	5.00	Smoky quartz vein with strong clay alteration, moderate oxide staining, and blebby pyrite.	
VT	49.35	49.83	35.00		9.00	Py	10.00	White quartz veinlets with disseminated-blebby pyrite.	
VN	49.95	50.18	80.00			Py	15.00	Grey-smoky, weakly clay altered and moderate oxide stained, quartz vein with blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	54.16	54.26	90.00			Py	5.00	Grey-smoky, moderately clay altered and weakly oxide stained, quartz vein with disseminated-blebby pyrite.	
VN	55.51	55.56	90.00			Py	30.00	Milky-smoky quartz vein with white chalcedony, hosting blebby pyrite and disseminated arsenopyrite. Weak oxide staining.	
						As	5.00		
						Ch	10.00		
VT	59.38	61.21	80.00		7.00	Py	1.00	White quartz veinlets with tan chalcedony borders that have weak oxide staining and host disseminated pyrite.	
						Ch	8.00		
VN	62.79	62.86	30.00			Py	3.00	Milky-smoky quartz vein with alternating 3mm thick bands, hosting disseminated pyrite.	
VN	64.41	64.48	35.00			Py	1.00	Smoky-milky quartz vein with disseminated pyrite.	
VN	64.64	64.82	65.00			Py	1.00	Smoky-milky quartz vein with weak oxide staining and disseminated pyrite.	
VN	77.88	78.77	60.00		5.00	Py	5.00	Dyke selvedge: brecciated granodiorite with minor gouge and oxide staining. Brecciated by quartz veinlets. Crosscut by smoky-white clay altered quartz veins with disseminated-blebby pyrite and pyrite stringer.	
VN	79.27	79.83	70.00		6.00	Py	7.00	Dyke selvedge: clay altered argillic granodiorite crosscut by quartz veins. Smoky-white quartz veins host disseminated-blebby pyrite.	
ST	83.76	83.77	45.00			Py	100.00	Fracture-constrained pyrite stringer.	
VN	84.85	85.00	90.00			Py	30.00	Central milky comb quartz vein with smoky quartz borders. Hosts small vugs and blebby pyrite.	
VT	85.93	85.99	45.00			Py	3.00	Smoky-milky vuggy quartz vein hosting disseminated pyrite.	
VT	87.48	87.54	70.00		3.00	Py	1.00	Thin alternating bands of smoky-milky quartz veinlets with disseminated pyrite.	
VN	87.89	87.92	70.00			Py	2.00	Smoky-grey massive quartz vein with sulphide stringers at borders.	
VN	88.77	88.82	60.00			Py	20.00	Smoky-grey-milky quartz vein with massive-blebby pyrite, blebby sphalerite, and massive-blebby arsenopyrite.	
						Sp	10.00		
						As	10.00		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	88.98	89.00	80.00			Py	1.00	Smoky-milky crustiform quartz veinlet with disseminated pyrite.	
VT	89.45	89.98	60.00		9.00	Py	1.00	1mm thick tan milky quartz veinlets bordered by more intense phyllic envelopes with chlorite.	
VT	90.64	91.90	60.00		10.00	Py	1.00	White-smoky quartz veinlets with disseminated pyrite and chlorite borders.	
VN	92.08	92.14	70.00			Py	15.00	White-smoky crustiform quartz vein with blebby pyrite and blebby sphalerite.	
						Sp	10.00		
VN	92.55	92.80	80.00			Py	5.00	White massive quartz vein hosting disseminated-blebby pyrite.	
VN	92.76	92.98	90.00			Py	25.00	Start of the Klaza Zone! Thick white-smoky-grey vuggy quartz vein with 5cm of granodiorite brecciation. Hosts disseminated-blebby-massive pyrite and blebby sphalerite.	
						Sp	2.00		
VT	93.22	96.27	35.00		8.00	Py	1.00	Milky-white quartz veinlets with smoky quartz borders (<1mm) with disseminated pyrite.	
VN	96.99	97.05	60.00			Py	1.00	Grey-smoky clay altered banded quartz vein with disseminated pyrite.	
VN	97.44	97.53	90.00			Py	2.00	Tan hematite stained crustiform quartz with smoky quartz veinlets hosting disseminated pyrite.	
VN	97.84	97.90	60.00			Py	10.00	Tan-milky-smoky vuggy-crustiform quartz hosting blebby pyrite, blebby sphalerite and blebby galena.	
						Ga	3.00		
						Sp	5.00		
VN	98.90	99.21	70.00		5.00	Py	1.00	White-smoky vuggy and clay altered quartz veins hosting disseminated pyrite.	
VT	100.21	100.56	75.00		4.00	Py	5.00	White-smoky vuggy and clay altered quartz veinlets hosting disseminated pyrite.	
VN	100.86	100.95	80.00			Py	5.00	Milky-smoky vuggy quartz vein hosting disseminated pyrite.	
VT	101.40	102.63	70.00			Py	5.00	Milky-smoky quartz vein hosting disseminated pyrite.	
GO	103.28	103.39	90.00			Py	1.00	Clay gouge in phyllic granodiorite.	
VN	103.75	103.95	90.00			Py	15.00	Clay altered smoky-white quartz vein with paralleling pyrite stringers. Hosts disseminated pyrite.	
VN	104.12	104.30	85.00			Py	20.00	Smoky quartz veinlets laced with creamy chalcedony latticed veinlets hosting massive-blebby pyrite, blebby sphalerite. Large vugs within the chalcedony latticed veinlets.	
						Ch	10.00		
						Sp	5.00		
VT	104.35	104.51	85.00		5.00	Py	15.00	Smoky quartz veinlets with 2mm chlorite envelopes, hosting disseminated pyrite.	
						Cl	5.00		
VN	105.77	106.00	90.00			Py	30.00	Smoky quartz vein with brecciating carbonate veins.	
						Cb	15.00		
VN	106.11	106.17	80.00			Py	40.00	6cm wide vein with 2cm smoky quartz with disseminated pyrite, 2 cm milky massive quartz, and 2cm of massive pyrite.	
VN	107.09	107.12	80.00			Py	5.00	Milky vuggy-crustiform quartz with blebby sphalerite and disseminated pyrite.	
VN	107.67	107.73	90.00			Py	20.00	Thick grey-white vuggy quartz vein with blebby pyrite.	
VN	107.94	108.32	80.00		4.00	Py	1.00	Milky-white quartz veins with blebby sphalerite and disseminated pyrite.	
						Sp	15.00		
VN	110.85	111.09	80.00			Py	30.00	Grey-smoky quartz vein crosscut by netted carbonate veinlets. Quartz hosts blebby-massive pyrite and blebby sphalerite.	
						Sp	5.00		
						Cb	10.00		
VN	111.15	111.32	85.00		2.00	Py	2.00	Tan milky quartz with disseminated pyrite.	
VN	112.29	112.35	50.00			Py	5.00	Smoky-milky crustiform quartz vein with disseminated-blebby pyrite.	
VN	112.96	113.98	80.00		7.00	Py	5.00	Smoky-milky crustiform quartz veins with disseminated-blebby pyrite.	
VN	113.33	113.37	70.00			Py	4.00	Smoky-milky vuggy quartz with netted milky quartz veinlets.	
GO	113.78	113.94	85.00			Py	1.00	White clay gouged quartz vein bordered by 1cm-5mm smoky quartz veinlets.	
VN	114.67	114.71	90.00			Py	4.00	Smoky quartz vein with parallel veinlets of carbonate.	
						Cb	30.00		
VT	115.19	115.47	70.00			Py	15.00	Smoky quartz veinlets hosting blebby pyrite with parallel pyrite stringers outside of the main vein.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	117.26	119.50	50.00		17.00	Py	1.00	White massive quartz veins of varying thicknesses (1cm-15cm) with very weak disseminated pyrite. Crosscut by latticed carbonate veinlets.	
						Cb	5.00		
VN	121.11	121.24	70.00			Py	2.00	White massive quartz vein with blebby pyrite.	
VN	122.21	124.35	80.00		14.00	Py	6.00	White massive quartz with 20% grey quartz hosting blebby pyrite. Veins are an average 2cm thick.	
VN	125.01	125.06	45.00			Py	7.00	White-grey massive quartz vein with 3mm thick bright green chlorite at its borders. Hosts blebby pyrite.	
VN	128.15	127.19	45.00			Py	5.00	White-grey massive quartz vein with 1mm thick bright green chlorite at its borders. Hosts blebby pyrite.	
VT	128.27	129.84	50.00		2.00	Py	3.00	Smoky quartz vein with dark green chlorite borders hosting disseminated-blebby pyrite.	
						Cl	15.00		
VN	131.28	131.31	45.00			Py	5.00	White massive quartz vein with disseminated pyrite.	
VN	133.82	133.97	90.00		2.00	Py	20.00	White-smoky quartz vein with central tan chalcedony hosting blebby sphalerite at quartz vein borders and central blebby-massive pyrite.	
						Sp	15.00		
						Ch	5.00		
VT	134.79	134.81	70.00			Py	3.00	Smoky-massive quartz veinlet with thick dark green chlorite with blebby pyrite.	
						Cl	25.00		
VT	138.59	138.62	90.00			Py	8.00	White milky quartz banded with smoky quartz. Hosts disseminated pyrite.	
VT	142.82	143.45	5.00			Py	10.00	Very thin (1mm) smoky quartz veinlet with blebs of pyrite at its centre, and dense green chlorite at its borders.	
						Cl	50.00		
VN	143.13	143.19	90.00			Py	20.00	Clay altered white-grey quartz vein with blebby pyrite and minor vugs.	
VT	143.69	143.71	70.00			Py	3.00	Smoky-white quartz veinlet with central blebs of pyrite.	
						Cl	3.00		
VT	146.43	146.46	60.00		2.00	Py	2.00	Grey massive quartz veinlet with 2mm thick chlorite borders and disseminated pyrite.	
						Cl	3.00		
VT	146.99	147.02	70.00			Py	25.00	White clay altered quartz veinlet with central blebs of pyrite.	
VN	147.74	147.82	70.00			Py	3.00	White-grey-milky quartz vein with disseminated pyrite and discontinuous chlorite borders.	
						Cl	7.00		
VN	148.24	148.32	70.00		3.00	Py	1.00	White massive quartz vein with disseminated pyrite.	
GO	150.67	150.71	65.00			Py	2.00	White-milky clay gouged-altered quartz vein with disseminated pyrite.	
VN	150.71	150.81	90.00			Py	20.00	Smoky-grey quartz vein with many smoky quartz veinlets. Weakly clay altered, hosting disseminated-blebby pyrite.	
VN	150.95	151.23	70.00		2.00	Py	8.00	Smoky-grey quartz veins with disseminated pyrite.	
VN	151.58	151.82	90.00			Py	10.00	Grey-white quartz with smoky quartz veinlets and pyrite stringers. Weakly clay altered.	
VN	152.28	152.45	60.00		3.00	Py	5.00	Grey-white massive quartz veins that crosscut each other. Hosts blebby pyrite and blebby chlorite.	
						Cl	2.00		
VN	155.85	155.94	50.00			Py	1.00	White massive quartz vein with disseminated pyrite.	
VT	157.78	157.79	80.00			Py	30.00	White-smoky quartz veinlet with disseminated pyrite.	
VN	159.06	159.11	80.00			Py	3.00	Grey-green massive quartz vein with one border of chlorite and pink chalcedony at the other border.	
						Cl	5.00		
						Ch	7.00		
GO	159.56	159.67	45.00			Py	1.00	Clay altered white quartz vein with disseminated pyrite.	
VN	161.13	161.58	80.00		4.00	Py	2.00	Smoky-white quartz vein with tan chalcedony and vugs within the chalcedony. Disseminated pyrite throughout.	
						Ch	20.00		
VN	163.50	163.53	90.00			Py	3.00	White-grey massive quartz vein with parallel borders of dark green chlorite and disseminated pyrite.	
						Cl	15.00		
VT	164.88	164.89	90.00			Py	30.00	White quartz veinlet with central blebby pyrite.	
VN	169.84	169.86	70.00			Py	1.00	White-grey comb-massive quartz vein with disseminated pyrite.	
VT	170.96	171.99	80.00		4.00	Py	1.00	White-milky banded quartz veinlets with disseminated pyrite and phyllic alteration envelopes.	
VN	172.55	172.58	50.00			Py	1.00	Smoky, weakly clay altered quartz vein with disseminated pyrite.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	174.41	174.62	90.00			Py	10.00	Smoky massive-vuggy quartz vein with weak clay alteration and pyrite stringers, and blebby-disseminated pyrite.	
VN	175.88	176.23	70.00			Py	20.00	Smoky massive-vuggy quartz vein hosting cream chalcedony pods. Hosts blebby chalcopyrite and blebby-massive pyrite.	
						Cp	3.00		
						Ch	5.00		
VN	177.53	177.67	60.00		3.00	Py	1.00	Clay alteration smoky massive quartz veins with netted carbonate veinlets.	
						Cb	5.00		
VN	178.41	179.43	70.00		3.00	Py	10.00	Smoky-grey-milky quartz with blebby pyrite and crustiform texture.	
VN	182.12	182.40	60.00		6.00	Py	2.00	White massive quartz veins with blebs of milky quartz. Minor crustiform texture in some quartz veins.	
VN	185.06	185.22	30.00			Py	30.00	Smoky comb quartz with central blebs of pyrite.	
VN	185.40	185.74	45.00			Py	25.00	White massive-crackled quartz vein with large masses-blebs of pyrite and rare veinlets of smoky quartz.	
VN	186.66	186.74	60.00		2.00	Py	4.00	White-smoky banded quartz vein with dark green chlorite veinlets and hematite staining.	
						Cl	20.00		
GO	189.24	189.32	50.00			Cb	30.00		
VN	189.42	189.79	45.00		3.00	Py	3.00	Smoky-grey crackled quartz with disseminated pyrite and chlorite borders.	
						Cb	7.00		
						Cl	10.00		
VT	196.84	196.85	70.00			Py	1.00	Massive white quartz with thin borders of chlorite hosting disseminated pyrite.	
						Cl	15.00		
VN	199.54	199.56	45.00			Py	10.00	White massive quartz vein with borders of blebby pyrite.	
VN	200.46	200.55	45.00			Py	1.00	Milky-white quartz with veinlets of smoky quartz hosting disseminated pyrite.	
VT	201.03	201.10	30.00					Weakly clay altered milky-smoky quartz in alternating bands.	
VN	203.78	203.84	70.00			Py	3.00	Massive-crackled white quartz vein with blebby pyrite.	
VN	207.10	207.13	90.00			Py	2.00	White massive quartz vein with irregular borders, hosting disseminated pyrite and with hematite staining.	
VN	211.31	211.35	45.00			Cl	10.00	White clay altered quartz vein with green staining from chlorite.	
VT	211.74	211.77	70.00			Py	3.00	White banded quartz vein with disseminated pyrite and a thick chlorite-rich phyllic envelope.	
						Cl	40.00		
VN	215.44	215.48	45.00			Py	2.00	Irregular white massive quartz vein with blebby hematite and disseminated pyrite.	
						He	5.00		
VN	220.81	220.87	45.00					White-smoky quartz vein crosscut by clay altered veinlets.	
VN	221.63	222.08	60.00		9.00	Py	20.00	Closely spaced quartz veins. Veins are white-grey with blebby pyrite, and are set within an intense phyllic alteration envelope.	
VN	223.46	223.54	30.00			Cb	80.00	Carbonate vein that brecciated and contains class of a smoky-grey quartz vein. Vein is somewhat vuggy. EOH	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-76 **Date: July 1**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
40.84	10.1	6.3	847.8	519	GRD		ARG	3I			2.692781	2.578467	Weak phyllic overprinting moderate argillic in granodiorite.
							PHC	2I					
88.54	10.2	6.3	852.2	527.8	GRD		ARG	3I	He	2	2.68022	2.627004	Moderate argillic overprinted by weak phyllic and patchy weak potassic alteration.
							PHC	2I					
							POT	1I					
107.65	9.9	6.3	959.9	639.3	GRD		PHC	4I	Py	35	3.110426	2.994074	Smoky-white quartz vein hosting blebby-massive pyrite crosscutting phyllic granodiorite with vugs. Thick grey quartz vein with parallel white quartz veinlet.
							ARG	2I	Sp	1			
124.24	9.9	6.3	850.6	528.5	GRD		PHC	3I	Py	3	2.756254	2.640795	Quartz veinlet hosting disseminated pyrite in phyllic granodiorite.
							ARG	2I					
127.43	9.8	6.3	853.8	533.6	GRD		PRO	3I			2.794854	2.666458	Moderate propyllitic granodiorite crosscut by aphanitic chlorite stringers and hosts mafic xenoliths.
140.41	10.6	6.3	899.7	563.4	GRD		PRO	3I	Py	3	2.722832	2.67529	Propyllitic overprinting phyllic in granodiorite with blebby chlorite, blebby tourmaline, and disseminated pyrite.
							PHC	1I	Cl	10			
									To	2			
													EOH

PROPERTY NAME

Hole: DDH-KL-12-76 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
7.57	10.64	3.07	2.81	91.5	M899087	1				
10.64	12.45	1.81	1.76	97.2	M899088	1				
12.45	15.42	2.97	2.89	97.3	M899089	1				
					M899090	1				Coarse reject duplicate
15.42	18.44	3.02	2.94	97.4	M899091	1				
18.44	20.72	2.28	2.26	99.1	M899092	1				
20.72	22.54	1.82	1.75	96.2	M899093	1				
					M899094	1				Klaza STD-2
22.54	23.54	1.00	1.00	100	M899095	1				
23.54	26.52	2.98	2.98	100	M899096	1				
26.52	28.95	2.43	2.34	96.3	M899097	1				
28.95	29.95	1.00	1.00	100	M899098	1				
29.95	32.55	2.60	2.60	100	M899099	1				
32.55	34.27	1.72	1.72	100	M899100	1				
					M899101	1				Klaza STD-2
34.27	36.66	2.39	2.39	100	M899102	1				
36.66	38.55	1.89	1.89	100	M899103	1				
38.55	40.06	1.51	1.33	88.1	M899104	1				
40.06	41.27	1.21	1.18	97.5	M899105	1				
41.27	43.32	2.05	2.06	100	M899106	1				
43.32	45.70	2.38	2.36	99.2	M899107	1				
45.70	46.70	1.00	1.00	100	M899108	1				
46.70	49.07	2.37	2.37	100	M899109	1				
49.07	50.21	1.14	1.14	100	M899110	1				
50.21	52.93	2.72	2.72	100	M899111	1				
52.93	55.57	2.64	2.57	97.3	M899112	1				
					M899113	1				Blank
55.57	57.44	1.87	1.86	99.5	M899114	1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M899115	1				Duplicate
57.44	58.44	1.00	1.00	100	M899116	1				
58.44	60.22	1.78	1.68	94.4	M899117	1				
60.22	61.22	1.00	1.00	100	M899118	1				
61.22	62.73	1.51	1.50	99.3	M899119	1				
62.73	64.91	2.18	2.06	94.5	M899120	1				
					M899121	1				Blank
64.91	67.18	2.27	2.25	99.1	M899122	1				
67.18	70.00	2.82	2.80	99.3	M899123	2				
70.00	73.00	3.00	2.78	92.7	M899124	2				
73.00	75.29	2.29	2.26	98.7	M899125	2				
75.29	76.88	1.59	1.43	89.9	M899126	2				
76.88	77.88	1.00	1.00	100	M899127	2				
					M899128	2				Klaza STD-1
77.88	79.78	1.90	1.90	100	M899129	2				
					M899130	2				Blank
79.78	82.51	2.73	2.73	100	M899131	2				
82.51	84.86	2.35	2.35	100	M899132	2				
84.86	86.00	1.14	1.00	87.7	M899133	2				
86.00	87.48	1.48	1.48	100	M899134	2				
					M899135	2				Duplicate
87.48	88.73	1.25	1.24	99.2	M899136	2				
88.73	90.74	2.01	1.92	95.5	M899137	2				
90.74	92.00	1.26	1.26	100	M899138	2				
92.00	93.08	1.08	1.08	100	M899139	2				
					M899140	2				Blank
93.08	94.08	1.00	0.95	95	M899141	2				
94.08	95.08	1.00	1.00	100	M899142	2				
95.08	97.00	1.92	1.92	100	M899143	2				
97.00	98.00	1.00	1.00	100	M899144	2				
98.00	99.98	1.98	1.98	100	M899145	2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
99.98	100.98	1.00	1.00	100	M899146	2				
100.98	103.27	2.29	2.25	98.3	M899147	2				
					M899148	2				Coarse reject duplicate
103.27	104.53	1.26	1.24	98.4	M899149	2				
104.53	105.77	1.24	1.24	100	M899150	2				
					M899151	2				Klaza STD-1
105.77	106.77	1.00	1.00	100	M899152	2				
106.77	108.32	1.55	1.55	100	M899153	2				
108.32	110.39	2.07	2.07	100	M899154	2				
110.39	111.51	1.12	1.02	91.1	M899155	2				
111.51	112.81	1.30	1.30	100	M899156	2				
112.81	114.51	1.70	1.67	98.2	M899157	2				
114.51	115.59	1.08	1.05	97.2	M899158	2				
115.59	117.26	1.67	1.66	99.4	M899159	3				
117.26	119.50	2.24	2.24	100	M899160	3				
119.50	122.24	2.74	2.75	100	M899161	3				
122.24	124.39	2.15	2.15	100	M899162	3				
124.39	125.75	1.36	1.36	100	M899163	3				
125.75	128.13	2.38	2.38	100	M899164	3				
128.13	130.31	2.18	2.18	100	M899165	3				
					M899166	3				Klaza STD-2
130.31	131.31	1.00	1.00	100	M899167	3				
131.31	133.81	2.50	2.43	97.2	M899168	3				
133.81	134.81	1.00	1.00	100	M899169	3				
134.81	137.62	2.81	2.81	100	M899170	3				
137.62	140.11	2.49	2.31	92.8	M899171	3				
140.11	141.56	1.45	1.45	100	M899172	3				
141.56	142.81	1.25	1.23	98.4	M899173	3				
142.81	143.81	1.00	1.00	100	M899174	3				
143.81	146.42	2.61	2.60	99.6	M899175	3				
146.42	148.32	1.90	1.90	100	M899176	3				
					M899177	3				Duplicate

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
148.32	150.63	2.31	2.31	100	M899178	3				
150.63	151.77	1.14	1.14	100	M899179	3				
					M899180	3				Blank
151.77	152.98	1.21	1.21	100	M899181	3				
152.98	154.53	1.55	1.55	100	M899182	3				
					M899183	3				Coarse reject duplicate
154.53	156.35	1.82	1.82	100	M899184	3				
156.35	157.81	1.46	1.46	100	M899185	3				
157.81	159.00	1.19	1.15	96.6	M899186	3				
159.00	160.00	1.00	1.00	100	M899187	3				
160.00	161.13	1.13	1.13	100	M899188	3				
					M899189	3				Klaza STD-2
161.13	162.13	1.00	1.00	100	M899190	3				
					M899191	3				Blank
162.13	164.87	2.74	2.74	100	M899192	3				
164.87	167.68	2.81	2.71	96.4	M899193	3				
167.68	169.80	2.12	2.07	97.6	M899194	3				
169.80	172.00	2.20	2.18	99.1	M899195	4				
172.00	173.94	1.94	1.94	100	M899196	4				
					M899197	4				Klaza STD-1
173.94	175.35	1.41	1.34	95	M899198	4				
					M899199	4				Duplicate
175.35	177.06	1.71	1.71	100	M899200	4				
177.06	178.06	1.00	1.00	100	M899201	4				
178.06	179.46	1.40	1.40	100	M899202	4				
179.46	181.44	1.98	1.79	90.4	M899203	4				
181.44	182.45	1.01	1.00	99	M899204	4				
182.45	184.41	1.96	1.96	100	M899205	4				
184.41	185.79	1.38	1.38	100	M899206	4				
					M899207	4				Blank
185.79	187.04	1.25	1.25	100	M899208	4				
187.04	189.24	2.20	2.12	96.4	M899209	4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
189.24	190.24	1.00	1.00	100	M899210	4				
190.24	193.00	2.76	2.76	100	M899211	4				
193.00	195.53	2.53	2.36	93.3	M899212	4				
195.53	198.06	2.53	2.53	100	M899213	4				
					M899214	4				Coarse reject duplicate
198.06	200.44	2.38	2.38	100	M899215	4				
200.44	201.73	1.29	1.29	100	M899216	4				
201.73	203.30	1.57	1.39	88.5	M899217	4				
203.30	204.30	1.00	1.00	100	M899218	4				
204.30	207.11	2.81	2.61	92.9	M899219	4				
207.11	208.94	1.83	1.79	97.8	M899220	4				
208.94	211.00	2.06	2.05	99.5	M899221	4				
211.00	212.00	1.00	1.00	100	M899222	4				
					M899223	4				Klaza STD-3
212.00	214.94	2.94	2.94	100	M899224	4				
214.94	217.62	2.68	2.68	100	M899225	4				
217.62	220.23	2.61	2.48	95	M899226	4				
220.23	221.23	1.00	1.00	100	M899227	4				
221.23	222.23	1.00	1.00	100	M899228	4				
222.23	223.64	1.41	1.28	90.8	M899229	4				
					M899230	4				Blank
223.64	225.68	2.04	2.04	100	M899231	1				Batch 1 from KL-12-78

PROPERTY NAME

Hole: DDH-KL-12-76 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	1.15	38	0.11	4		1	0S	5W	
3.05	5.18	2.13	1.22	57	0.00	0		1	0S	5W	
5.18	8.23	3.05	2.52	83	0.63	21		1	0S	4W	
8.23	11.28	3.05	2.78	91	1.30	43		1	1S	4W	
11.28	14.33	3.05	2.80	92	1.33	44		1	1S	3W	
14.33	17.37	3.04	3.06	101	1.86	61		1	2S	2W	
17.37	20.42	3.05	2.96	97	0.98	32		2	3S	3W	
20.42	23.47	3.05	3.04	100	1.03	34		1	1S	2W	
23.47	26.52	3.05	3.03	99	1.53	50		1	1S	2W	
26.52	29.57	3.05	2.70	89	0.73	24		2	3S	2W	
29.57	32.61	3.04	2.75	90	0.45	15		1	3S	3W	
32.61	35.66	3.05	2.41	79	0.33	11		1	1S	4W	
35.66	38.71	3.05	2.86	94	0.61	20		1	1S	4W	
38.71	41.76	3.05	2.03	67	1.00	33		2	3S	3W	
41.76	44.81	3.05	2.95	97	1.96	64		2	4S	2W	
44.81	47.85	3.04	3.04	100	1.90	63		2	3S	2W	
47.85	50.90	3.05	2.96	97	1.51	50		1	1S	3W	
50.90	53.95	3.05	3.02	99	1.92	63		2	5S	3W	
53.95	57.00	3.05	2.86	94	1.75	57		1	1S	3W	
57.00	60.05	3.05	2.95	97	1.57	51		2	4S	3W	
60.05	63.09	3.04	2.94	97	1.65	54		1	1S	3W	
63.09	66.14	3.05	2.87	94	1.23	40		1	1S	4W	
66.14	69.19	3.05	2.96	97	0.94	31		1	1S	4W	
69.19	72.24	3.05	2.98	98	0.86	28		1	1S	4W	
72.24	75.29	3.05	2.87	94	0.55	18		1	1S	4W	
75.29	78.33	3.04	2.82	93	0.00	0		1	1S	4W	heavy clay alteration

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.93	96	0.23	8		1	1S	4W	heavy clay alteration
81.38	84.43	3.05	2.86	94	0.39	13		1	1S	3W	
84.43	87.48	3.05	2.98	98	1.88	62		2	4S	2W	
87.48	90.53	3.05	2.95	97	2.25	74		2	5S	2W	
90.53	93.57	3.04	3.04	100	2.42	80		2	5S	1W	
93.57	96.62	3.05	3.09	101	2.74	90		2	5S	1W	
96.62	99.67	3.05	3.11	102	2.74	90		2	5S	1W	
99.67	102.72	3.05	3.01	99	2.69	88		2	5S	2W	
102.72	105.77	3.05	3.00	98	2.47	81		2	4S	2W	vugs, highly mineralized
105.77	108.81	3.04	3.04	100	2.07	68		2	5S	2W	
108.81	111.86	3.05	3.02	99	2.19	72		2	4S	2W	
111.86	114.91	3.05	2.98	98	2.05	67		2	4S	3W	
114.91	117.96	3.05	3.03	99	1.01	33		2	3S	3W	
117.96	121.01	3.05	3.05	100	2.25	74		2	5S	2W	
121.01	124.05	3.04	3.03	100	2.57	85		2	5S	1W	
124.05	127.10	3.05	3.08	101	2.84	93		2	5S	2W	
127.10	130.15	3.05	3.05	100	2.14	70		1	1S	2W	
130.15	133.20	3.05	2.81	92	1.89	62		1	2S	1W	
133.20	136.25	3.05	3.15	103	2.57	84		2	5S	2W	
136.25	139.29	3.04	3.04	100	2.13	70		2	2S	2W	
139.29	142.34	3.05	3.10	102	1.84	60		2	3S	2W	
142.34	145.39	3.05	2.94	96	2.65	87		2	5S	2W	
145.39	148.44	3.05	3.03	99	2.07	68		1	2S	2W	
148.44	151.49	3.05	2.98	98	2.54	83		1	4S	2W	
151.49	154.53	3.04	3.06	101	1.91	63		1	4S	2W	
154.53	157.58	3.05	3.06	100	2.04	67		2	4S	2W	
157.58	160.63	3.05	2.96	97	1.15	38		2	4S	2W	
160.63	163.68	3.05	2.97	97	2.46	81		2	5S	1W	
163.68	166.73	3.05	2.89	95	1.99	65		2	5S	1W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.94	97	2.12	70		2	5S	1W	
169.77	172.82	3.05	2.98	98	2.31	76		2	4S	1W	
172.82	175.87	3.05	3.02	99	1.56	51		2	4S	1W	
175.87	178.92	3.05	3.05	100	2.62	86		2	2S	1W	
178.92	181.97	3.05	3.05	100	1.78	58		2	5S	1W	
181.97	185.01	3.04	3.05	100	2.22	73		2	1S	1W	
185.01	188.06	3.05	3.05	100	1.38	45		2	3S	1W	
188.06	191.11	3.05	2.98	98	0.52	17		1	2S	3W	
191.11	194.16	3.05	2.92	96	0.73	24		2	4S	2W	
194.16	197.21	3.05	2.98	98	1.18	39		2	1S	2W	
197.21	200.25	3.04	2.99	98	2.28	75		2	4S	2W	
200.25	203.30	3.05	3.10	102	1.38	45		1	2S	4W	
203.30	206.35	3.05	2.98	98	0.47	15		1	1S	3W	
206.35	209.40	3.05	2.87	94	1.07	35		1	2S	2W	
209.40	212.45	3.05	3.00	98	1.77	58		2	5S	1W	
212.45	215.49	3.04	2.94	97	1.23	40		2	5S	2W	
215.49	218.54	3.05	3.08	101	1.02	33		2	4S	2W	
218.54	221.59	3.05	3.02	99	1.26	41		2	4S	2W	
221.59	224.64	3.05	2.96	97	1.62	53		1	1S	4W	
224.64	227.08	2.44	2.30	94	0.25	10		1	2S	3W	EOH

PROPERTY NAME

Hole: DDH-KL-12-76 **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05	3.05							OVB
3.05	5.18	2.13							rubble, dyke
5.18	8.23	3.05	35.00	0.05	0.00	2.00	2R	3W	most of run is oxidized rubble
8.23	11.28	3.05	60.00	0.57	0.00	1.00	2R	2W	very fractured and rubbly
11.28	14.33	3.05	40.00	0.50	0.00	2.00	3R	3W	very fractured and rubbly
14.33	17.37	3.04	60.00	0.11	0.00	1.00	2R	3W	very fractured and rubbly
17.37	20.42	3.05	35.00	0.10	0.00	2.00	3R	3W	very fractured and rubbly
20.42	23.47	3.05	20.00	0.70	0.00	1.00	2R	2W	very fractured and rubbly, calcopyrite mineralization
23.47	26.52	3.05	30.00	0.05	0.00	1.00	2R	2W	lots of gouge at 23.47, ~10cm
26.52	29.57	3.05							very fractured and rubbly, no coherent sets
29.57	32.61	3.04							very fractured and rubbly, no coherent sets; more oxidized
32.61	35.66	3.05							same as above, more gougy
35.66	38.71	3.05	35.00	0.12	0.00	2.00	3R	2W	
38.71	41.76	3.05	40.00	0.10	0.00	2.00	3R	3W	brecciated dyke
41.76	44.81	3.05	65.00	0.44	0.00	1.00	3R	2W	
44.81	47.85	3.04	60.00	0.50	0.00	1.00	3R	2W	
47.85	50.90	3.05	35.00	0.08	0.00	2.00	3R	2W	
50.90	53.95	3.05	65.00	0.17	0.00	1.00	2R	2W	
53.95	57.00	3.05	45.00	0.20	0.00	1.00	2R	2W	
57.00	60.05	3.05	40.00	0.07	0.00	1.00	3R	2W	
60.05	63.09	3.04	60.00	0.14	0.00	2.00	2R	2W	
			85.00	0.30	0.00	1.00	2R	2W	
63.09	66.14	3.05	10.00		20.00	1.00	2R	4W	shallow, gougy joint
			50.00	0.08	0.00	1.00	3R	2W	
66.14	69.19	3.05							fractured and altered, no coherent sets
69.19	72.24	3.05	55.00	0.08	0.00	1.00	2R	2W	
			30.00		0.00	1.00	2R	3W	single gougy joint in clay alteration
72.24	75.29	3.05							fractured, rubbly, gougy; no coherent sets
75.29	78.33	3.04							fractured, rubbly, gougy; no coherent sets; more gouge/soft clay alteration
78.33	81.38	3.05	40.00	0.13	0.00	2.00	2R	3W	less oxidized run than above, very soft clay alteration
81.38	84.43	3.05	40.00	0.11	0.00	1.00	2R	3W	
			25.00	0.12	0.00	2.00	3R	2W	
84.43	87.48	3.05	55.00	0.35	0.00	1.00	2R	2W	
87.48	90.53	3.05	30.00	1.40	0.00	1.00	2R	1W	
90.53	93.57	3.04	55.00	0.26	0.00	1.00	3R	2W	
93.57	96.62	3.05	40.00	0.48	0.00	2.00	3R	2W	
96.62	99.67	3.05	50.00	0.10	0.00	2.00	2R	2W	one joint stepped, the other is planar

PROPERTY NAME

			35.00	0.15	0.00	1.00	3R	2W	continues well into next run
99.67	102.72	3.05	75.00	0.23	0.00	1.00	3R	1W	
102.72	105.77	3.05	55.00	0.31	0.00	1.00	2R	1W	
105.77	108.81	3.04	30.00	0.87	0.00	1.00	2R	2W	
108.81	111.86	3.05	30.00	0.20	0.00	2.00	3R	2W	
			65.00	0.66	0.00	1.00	2R	3W	
111.86	114.91	3.05	55.00	0.08	0.00	2.00	3R	2W	
114.91	117.96	3.05	25.00	0.02	10.00	1.00	2R	3W	
			50.00	0.08	0.00	1.00	2R	2W	
117.96	121.01	3.05	40.00	0.16	0.00	1.00	2R	2W	
			55.00	0.14	0.00	1.00	2R	2W	
121.01	124.05	3.04	40.00	0.12	0.00	2.00	3R	2W	
			50.00	0.42	0.00	1.00	2R	2W	
124.05	127.10	3.05	30.00	0.44	0.00	1.00	2R	2W	
127.10	130.15	3.05	30.00	0.18	4.00	1.00	2R	3W	
130.15	133.20	3.05	55.00	0.05	12.00	1.00	3R	3W	
			15.00	0.36	1.00	1.00	2R	2W	
133.20	136.25	3.05	35.00	0.10	2.00	1.00	3R	2W	
			20.00	0.80	1.00	1.00	2R	2W	
136.25	139.29	3.04	40.00	0.15	8.00	1.00	2R	3W	
139.29	142.34	3.05	65.00	0.07	0.00	1.00	2R	2W	
142.34	145.39	3.05	35.00	0.37	0.00	1.00	2R	2W	
145.39	148.44	3.05	40.00	0.05	0.00	1.00	2R	2W	
148.44	151.49	3.05	35.00	0.36	0.00	1.00	3R	2W	
151.49	154.53	3.04	40.00	0.80	0.00	1.00	2R	1W	
154.53	157.58	3.05							fractured and clay altered, no coherent sets
157.58	160.63	3.05	50.00	0.37	0.00	1.00	2R	1W	
160.63	163.68	3.05	40.00	0.30	0.00	2.00	3R	1W	
163.68	166.73	3.05	75.00	0.14	1.00	1.00	2R	2W	
166.73	169.77	3.04	50.00	0.14	0.00	1.00	2R	1W	
			75.00	0.15	0.00	1.00	3R	1W	
169.77	172.82	3.05	50.00	0.10	0.00	1.00	3R	2W	
172.82	175.87	3.05	50.00	0.18	0.00	1.00	2R	2W	
175.87	178.92	3.05	55.00		20.00	1.00	2R	4W	very soft clay altered rock, gougy
178.92	181.97	3.05	55.00	0.09	0.00	1.00	2R	2W	
181.97	185.01	3.04	65.00	0.06	2.00	1.00	2R	2W	
185.01	188.06	3.05	40.00	0.80	2.00	1.00	3R	2W	
			50.00	0.06	0.00	1.00	2R	3W	
188.06	191.11	3.05	55.00	0.45	10.00	1.00	2R	4W	rubble, gouge, clay ateration and hematite staining pervasive
191.11	194.16	3.05							no sets
194.16	197.21	3.05	40.00	0.26	0.00	1.00	2R	1W	one joint in set is stepped
197.21	200.25	3.04	55.00	0.20	0.00	1.00	2R	2W	
200.25	203.30	3.05	45.00	0.08	0.00	2.00	3R	1W	
			25.00	0.30	0.00	1.00	2R	4W	gouged joint with severe clay alteration
203.30	206.35	3.05	30.00	0.16	0.00	1.00	2R	3W	
206.35	209.40	3.05							no joint sets; rubble everywhere. Slickenslide on some faces.
209.40	212.45	3.05	40.00	0.31	4.00	1.00	2R	3W	
212.45	215.49	3.04	45.00	0.17	0.00	1.00	2R	2W	

PROPERTY NAME

			15.00	0.08	0.00	1.00	1R	2W	
215.49	218.54	3.05	55.00	0.25	0.00	1.00	2R	2W	
218.54	221.59	3.05	50.00	0.26	0.00	1.00	2R	2W	
221.59	224.64	3.05	65.00	0.28	0.00	1.00	2R	1W	
			35.00	0.17	0.00	1.00	2R	3W	very soft clay alteration

PROPERTY NAME

Hole: DDH-KL-12-76 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	36.30	
2.00	4.11	
3.00	21.70	
4.00	2.87	
5.00	3.61	
6.00	1.15	dyke
7.00	2.94	
8.00	0.89	
9.00	2.20	
10.00	1.05	
11.00	2.06	
12.00	1.74	
13.00	4.30	
14.00	5.09	
15.00	5.71	
16.00	7.54	
17.00	3.07	
18.00	2.26	
19.00	4.03	
20.00	1.66	
21.00	2.94	
22.00	2.58	
23.00	4.28	
24.00	2.92	
25.00	2.16	
26.00	3.67	
27.00	0.63	
28.00	2.92	
29.00	2.28	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.57	
31.00	2.36	
32.00	3.29	
33.00	2.25	
34.00	2.28	
35.00	3.47	
36.00	3.98	
37.00	3.72	
38.00	4.90	
39.00	4.70	
40.00	2.82	
41.00	3.46	
42.00	4.50	
43.00	1.39	
44.00	2.16	
45.00	1.99	
46.00	5.66	
47.00	3.02	
48.00	2.58	
49.00	2.45	
50.00	2.26	
51.00	6.24	
52.00	6.60	
53.00	4.21	
54.00	2.53	
55.00	1.12	
56.00	2.57	
57.00	2.94	
58.00	2.23	
59.00	2.70	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.54	
61.00	0.90	
62.00	3.98	
63.00	7.19	
64.00	3.27	
65.00	5.54	
66.00	3.22	
67.00	4.65	
68.00	4.18	
69.00	3.07	
70.00	4.28	
71.00	1.15	
72.00	4.53	
73.00	2.03	
74.00	4.13	
75.00	2.20	
76.00	2.28	
77.00	1.52	
78.00	2.82	
79.00	1.78	
80.00	1.78	
81.00	6.75	
82.00	8.93	
83.00	12.00	
84.00	8.97	
85.00	5.96	
86.00	6.43	
87.00	4.58	
88.00	2.41	
89.00	4.68	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.60	
91.00	4.50	
92.00	2.63	
93.00	3.46	
94.00	3.41	
95.00	6.40	
96.00	6.19	
97.00	7.64	
98.00	5.27	
99.00	5.10	
100.00	5.62	
101.00	5.84	
102.00	8.66	
103.00	3.29	
104.00	5.86	
105.00	5.19	
106.00	6.13	
107.00	4.04	
108.00	5.46	
109.00	4.80	
110.00	3.42	
111.00	5.51	
112.00	8.23	
113.00	6.58	
114.00	4.51	
115.00	7.24	
116.00	14.60	
117.00	25.40	
118.00	4.63	
119.00	5.09	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.33	
121.00	1.41	
122.00	4.83	
123.00	4.35	
124.00	3.79	
125.00	5.19	
126.00	11.10	
127.00	6.18	
128.00	5.32	
129.00	29.90	
130.00	27.40	
131.00	0.45	
132.00	0.28	
133.00	29.40	
134.00	0.67	
135.00	0.75	
136.00	24.60	
137.00	29.70	
138.00	32.10	
139.00	12.90	
140.00	15.00	
141.00	0.36	
142.00	22.10	
143.00	0.43	
144.00	34.10	
145.00	31.70	
146.00	3.24	
147.00	0.68	
148.00	0.25	
149.00	6.18	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	3.72	
151.00	0.62	
152.00	0.26	
153.00	0.42	
154.00	0.33	
155.00	0.31	
156.00	0.42	
157.00	0.31	
158.00	0.53	
159.00	0.42	
160.00	1.26	
161.00	0.35	
162.00	0.62	
163.00	0.40	
164.00	4.50	
165.00	0.45	
166.00	0.75	
167.00	16.00	
168.00	20.80	
169.00	1.20	
170.00	6.85	
171.00	7.50	
172.00	10.40	
173.00	0.45	
174.00	1.20	
175.00	0.28	
176.00	0.58	
177.00	1.00	
178.00	1.19	
179.00	19.00	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.99	
181.00	31.10	
182.00	0.67	
183.00	0.25	
184.00	0.95	
185.00	0.16	
186.00	0.23	
187.00	0.38	
188.00	23.10	
189.00	0.78	
190.00	29.50	
191.00	24.30	
192.00	10.40	
193.00	16.70	
194.00	17.70	
195.00	41.70	
196.00	48.40	
197.00	13.30	
198.00	33.90	
199.00	38.40	
200.00	19.90	
201.00	2.80	
202.00	7.44	
203.00	30.10	
204.00	1.02	
205.00	7.59	
206.00	28.00	
207.00	7.81	
208.00	32.70	
209.00	4.13	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	21.20	
211.00	34.40	
212.00	31.60	
213.00	28.60	
214.00	33.40	
215.00	17.70	
216.00	7.00	
217.00	11.20	
218.00	29.20	
219.00	30.80	
220.00	36.00	
221.00	29.60	
222.00	0.62	
223.00	1.88	
224.00	0.90	
225.00	13.60	
226.00	37.60	
227.00	33.10	EOH

PROPERTY NAME

Hole: **DDH-KL-12-76** **Date:**

Box #	From (m)	To (m)
1	0.00	5.18
2	5.18	8.82
3	8.82	12.45
4	12.45	16.07
5	16.07	19.70
6	19.70	22.89
7	22.89	26.27
8	26.27	29.57
9	29.57	32.55
10	32.55	35.48
11	35.48	38.55
12	38.55	42.29
13	42.29	46.10
14	46.10	50.10
15	50.10	53.95
16	53.95	58.12
17	58.12	62.06
18	62.06	66.06
19	66.06	70.00
20	70.00	73.54
21	73.54	77.27
22	77.27	81.13
23	81.13	84.78
24	84.78	88.73
25	88.73	92.95
26	92.95	96.62
27	96.62	100.56
28	100.56	104.70
29	104.70	108.81

PROPERTY NAME

30	108.81	112.81
31	112.81	116.66
32	116.66	120.65
33	120.65	124.56
34	124.56	128.26
35	128.26	132.42
36	132.42	136.25
37	136.25	140.11
38	140.11	144.09
39	144.09	148.32
40	148.32	152.04
41	152.04	155.87
42	155.87	159.84
43	159.84	163.94
44	163.94	167.68
45	167.68	171.75
46	171.75	175.14
47	175.14	178.92
48	178.92	182.45
49	182.45	186.36
50	186.36	189.79
51	189.79	193.31
52	193.31	196.73
53	196.73	200.44
54	200.44	204.70
55	204.70	207.77
56	207.77	211.19
57	211.19	214.94
58	214.94	218.32
59	218.32	222.05
60	222.05	225.68
61	225.68	227.08
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			383316.96	6889528.9	1408.396	215.49

SECTION:

HOLE: DDH-KL-12-77

CLAIM: YC3955

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: 3.05 (m) in / **out**

Drilling dates: June 29th - June 30th, 2012

Geology logged by: Derek Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.23	8.23	OVB	Overburden
8.23	19.66	11.43	GRD	Oxidized argillic altered granodiorite.
19.66	33.74	14.08	FEL	Grey quartz feldspar porphyry dyke.
33.74	58.07	24.33	GRD	Oxidized argillic altered granodiorite.
58.07	58.23	0.16	VEN	Massive pyrite and black sulphide vein.
58.23	58.83	0.60	GRD	Argillic and propyllitic altered granodiorite
58.83	58.95	0.12	VEN	Black sulphide and smokey quartz sulphide vein.
58.95	74.55	15.60	GRD	Argillic and propyllitic altered granodiorite.
74.55	74.77	0.22	FEL	Grey quartz feldspar porphyry dyke.
74.77	156.72	81.95	GRD	Propyllitic altered granodiorite with argillic patches.
156.72	157	0.28	FEL	Silicified quartz feldspar porphyry dyke.
157.00	160.3	3.30	GRD	Propyllitic altered granodiorite with argillic patches.
160.30	179.26	18.96	GRD	Phyllic altered granodiorite hosting disseminated pyri
179.26	179.59	0.33	VEN	Smokey quartz aand carbonate vein hosting sulphide
179.59	194.62	15.03	GRD	Phyllic and propyllitic altered granodiorite.
194.62	194.8	0.18	VEN	Massive pyrite, arsenopyrite and chalcopyrite vein.
194.80	215.49	20.69	GRD	Propyllitic altered granodiorite with argillic patches.

SAMPLES

Numbers: M897237-M897249 M897401-M897522

Total: 136

Batch: 1-4

Date Sent:

Certificate:

COMMENTS

EOH = 215.49m

KLAZA

Hole: DDH-KL-12-77 **Logger Name:** **Derek Walsh** **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	8.23	8.23					OVB			BN											Overburden. Casing depth to 10'
										YW											
8.23	19.66	11.43				mKgW	GRD	MG		OR		5I									Intensely oxidized, argillic altered granodiorite.
										WH				ARG	4I						
19.66	33.74	14.08				LKqP	FEL			GN											Grey quartz feldspar porphyry. Dyke changes color to brown after gouge.
										BN											
			30.06	31.22	1.16		BXA			GY						<1					Partially silicified gouge breccia, hosting disseminated pyrite.
33.74	48.62	14.88				mKgW	GRD	MG		GN				PHC	3I						Alternating moderate phyllic and argillic altered granodiorite. Some of the argillic alteration has a weak to moderate phyllic overprint. Interval hosts trace amounts of disseminated pyrite.
										WH				ARG	3I						
48.62	50.40	1.78				mKgW	GRD	MG		OR		4I	3I								Strongly oxidized and broken up granodiorite. The granodiorite appears to be to be silicified but is difficult to distinguish through oxidation.
50.40	60.05	9.65				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with patches of weak to moderate potassic overprint.
									DK	GN	PA			PRO	2-5I						
			56.47	59.04	2.57	mKgW	GRD	MG		GN				PHC	4.00	5.00					Strongly phyllic altered granodiorite hosting two (10cm+) quartz sulphide veins. The interval hosts disseminated pyrite.
										GY											
60.05	91.07	31.02				mKgW	GRD	MG		WH		2I		ARG	3-4I						Moderate to strongly argillic altered granodiorite with patches of propyllitic and potassic alteration. Interval is weak to moderately oxidized.
									DK	GN	PA			PRO	2I						
										PK	PA			POT	2I						
										OR											
			74.55	74.77	0.22	LKqP	FEL		DK	GY		3I									Dark grey moderately oxidized quartz feldspar porphyry dyke.
			79.20	79.45	0.25	mKgW	GRD	MG	DK	GY			2I			3.00					Band of silicified granodiorite, hosting disseminated pyrite.
									DK	OR											
91.07	112.30	21.23				mKgW	GRD	MG		WH				ARG	3I						Alternating weak to strongly propyllitic and moderate argillic altered granodiorite.
									DK	GN				PRO	2-4I						
										GN	EN			PHC	3I						
			100.30	110.75	10.45	mKgW	GRD	MG		WH				ARG	3I						Heavily broken up moderate argillic and propyllitic granodiorite.
									DK	GN				PRO	3I						
112.30	160.63	48.33				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with small patches of
										WH	PA			ARG	3I						
									LT	GN	EN			PHC	3I						
			116.95	117.65	0.70	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a 1.5cm quartz/carbonate vein.
			123.10	123.94	0.84	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding two smokey quartz and white carbonate veins.
			128.17	130.15	1.98	mKgW	GRD	MG	DK	GN				PRO	3I						Weakly argillic altered granodiorite with a moderate propyllitic overprint. The interval was partially altered to clay gouge.
										WH				ARG	2I						
			132.00	132.80	0.80	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green moderately phyllic altered granodiorite.
			155.96	156.69	0.73	mKgW	GRD	MG		GN				PHC	4I	3.00					Strongly phyllic altered granodiorite that has been partially altered to dark grey gouge and hosts disseminated pyrite.
										GY											
			156.72	157.00	0.28	LKqP	FEL			GN			4I								Strongly silicified quartz feldspar porphyry dyke.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
										GY											
			162.76	163.44	0.68	mKgW	GRD	MG		GN			3I	PHC	4I						Silicified and strongly phyllic altered granodiorite that is partially altered gouge. The interval hosts multiple quartz pyrite veinlets and disseminated pyrite.
										GY											
160.63	180.47	19.84				mKgW	GRD	MG	LT	GN				PHC	3-4I	1.00					Moderate to strongly phyllic altered granodiorite with patches of weak argillic and moderate propyllitic alteration. The interval hosts multiple partially to fully gouge altered patches of granodiorite. Trace amounts of pyrite are disseminated throughout the interval.
										WH	PA			ARG	2I						
									DK	GN				PRO	3I						
180.47	192.45	11.98				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite hosting small patches of argillic alteration. The interval hosts multiple white carbonate veinlets and stringers.
										WH	PA			ARG	3I						
			184.70	189.50	4.80	mKgW	GRD	MG	DK	GN				PRO	3I			He	3.00		Moderately propyllitic altered granodiorite hosting blebs of epidote and haematite. Haematite stains fractures in the center of the interval. Hosts trace amounts of disseminated pyrite.
																		Ep	3.00		
																<1					
192.45	200.47	8.02				mKgW	GRD	MG		GN				PHC	3-4I	4.00					Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite.
			192.70	193.60	0.90	mKgW	GRD	MG		GN				PHC	4I	4.00					Strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.
										GY			4I								
200.47	215.49	15.02				mKgW	GRD	MG	DK	GN				PRO	2-4I						Weak to strongly propyllitic altered granodiorite that contains patches of moderate to strong silicification and argillic alteration. The interval hosts an abundance of white carbonate stringers and veinlets.
										WH	PA			ARG	3-4I						
										GY	PA		3-4I								
		215.49																			EOH

KLAZA

Hole: DDH-KL-12-77 Logger Name: Derek Walsh

Depth (m)		DESCRIPTION
19.66		Sharp contact between argillic altered granodiorite and quartz feldspar porphyry dyke.
33.74		Sharp contact between argillic altered granodiorite and quartz feldspar porphyry dyke.
74.55		Sharp contact between argillic and propyllitic altered granodiorite and quartz feldspar porphyry dyke.
74.77		Sharp contact between argillic and propyllitic altered granodiorite and quartz feldspar porphyry dyke.
156.72		Sharp contact between propyllitic altered granodiorite and quartz feldspar porphyry dyke.
157.00		Sharp contact between propyllitic altered granodiorite and quartz feldspar porphyry dyke.

KLAZA

Hole: DDH-KL-12-77 **Logger Name:** Derek Walsh **Date:** July 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	19.50	19.66				Py	1.00	Broken up smokey quartz vein hosting disseminated pyrite.	
GO	19.66	20.59						Broken up gouge altered dyke	
VN	39.30	39.91	70.00			Py	10.00	Grey quartz vein hosting disseminated pyrite	
VN	40.70	40.72	15.00			Py	5.00	Low angle gray quartz vein hosting blebby pyrite.	
VN	40.91	40.92	80.00			Py	60.00	Grey quartz and blebby pyrite.	
VN	45.58	45.60	15.00			Py	8.00	Smokey quartz hosting disseminated pyrite.	
VN	58.07	58.23	60.00			Py	80.00	Massive pyrite and black sulphide vein.	
VN	58.83	58.95	75.00			Py	30.00	Black sulphide and smokey quartz vein hosting disseminated to blebby pyrite and galena with white carbonate veinlets.	
						Gn	10.00		
GO	59.04	59.54	80.00					Grey orange gouge vein.	
VT	62.26	62.27	65.00			Py	7.00	Grey quartz pyrite veinlet.	
GO	63.17	63.20	85.00					Grey orange gouge vein.	
VN	63.20	63.25	85.00			Py	3.00	Grey quartz white carbonate vein hosting disseminated pyrite and blebby sphalerite.	
						Sp	14.00		
VN	64.00	64.02	60.00			Py	8.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VT	65.70	66.17	75.00		5.00	Py	3.00	Five quartz carbonate veinlets hosting disseminated to blebby pyrite and sphalerite.	
						Sp	10.00		
VT	68.68	68.91	65.00		2.00	Py	10.00	Two grey quartz pyrite veinlets hosting disseminated pyrite.	
VN	70.19	70.21	80.00			Py	5.00	Quartz vein hosting disseminated pyrite.	
						Gn	1.00		
VT	70.77	70.78	65.00			Py	100.00	Pyrite veinlet.	
BN	73.60	73.64	65.00			Py	10.00	Band of disseminated pyrite	
GO	74.99	75.00	70.00					Orange gouge vein	
GO	76.04	76.07	75.00					Brown gouge vein.	
GO	79.97	80.00	75.00					Grey brown gouge vein.	
VN	83.26	83.27	70.00			Py	2.00	Grey/white quartz/carbonate vein hosting disseminated pyrite, sphalerite and galena.	
						Sp	4.00		
						Gn	1.00		
VN	84.52	84.65	70.00		2.00	Py	3.00	Two 4cm smokey quartz/ carbonate veins hosting disseminated to blebby pyrite.	
GO	84.74	85.11	60.00					Grey gouge vein hosting phyllic altered clasts.	
VN	87.47	87.49	40.00			Py	2.00	Grey/white quartz/carbonate vein hosting blebby pyrite.	
VN	94.39	94.47	25.00			Py	3.00	Milky white and grey quartz vein hosting blebby pyrite.	
GO	97.53	97.55	50.00					Grey/brown gouge vein.	
GO	113.60	115.45				Py	1.00	Partial to fully gouge altered granodiorite. Granodiorite is moderately phyllic altered and hosts disseminated pyrite.	
VN	123.36	123.38	55.00			Py	<1	Smokey quartz and white carbonate vein hosting trace amounts of disseminated pyrite.	
VN	123.69	123.75	70.00			Py	3.00	Minorly brecciated smokey quartz and white carbonate vein hosting disseminated pyrite.	
GO	125.90	126.14						Light grey gouge vein.	
GO	127.07	127.10	25.00					Light grey gouge vein.	
GO	128.78	128.17						Light grey gouge vein.	
GO	130.75	131.24				Py	1.00	Light grey gouge vein hosting blebby pyrite.	
VN	132.36	132.68	85.00			Py	15.00	Smokey quartz and carbonate vein hosting blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	132.51	132.54	75.00			Py	15.00	Smokey quartz and tan/white carbonate vein hosting disseminated to blebby pyrite and sphalerite.	
						Sp	3.00		
VN	134.07	134.08	35.00			Py	20.00	Grey quartz vein hosting blebby pyrite and sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	5.00		
VT	135.29	135.30	45.00			Py	1.00	Grey quartz veinlet hosting disseminated pyrite.	
VT	135.56	135.57	60.00			Py	5.00	Grey quartz veinlet hosting disseminated pyrite.	
VT	130.80	136.81	10.00			Py	1.00	Grey quartz veinlet hosting disseminate pyrite and blebby haematite.	
						He	3.00		
GO	156.14	156.24	75.00			Py	1.00	Dark grey and black gouge vein hosting disseminated pyrite.	
VT	156.41	156.46	80.00		2.00	Py	100.00	Two pyrite veinlets.	
GO	161.20	162.00				Py	1.00	Moderately phyllic granodiorite that is partially to fully altered to clay gouge.	
VN	164.57	164.59	5.00			Py	1.00	Long low angle grey quartz and blebby pyrite vein hosting black sulphide stringers.	
GO	165.00	166.73				Py	1.00	Phyllic altered granodiorite partially to fully altered to grey clay gouge. Hosts disseminated pyrite.	
GO	171.47	172.37				Py	1.00	Light green phyllic altered granodiorite partially altered to grey clay gouge hosting disseminated pyrite.	
GO	175.44	177.49				Py	1.00	Grey to dark grey partially to fully gouge vein hosting 1mm-5cm phyllic altered granodiorite clasts.	
VT	177.50	177.51	80.00			Py	40.00	Grey quartz veinlet hosting disseminated to blebby pyrite, arsenopyrite and chalcopyrite.	
						As	10.00		
						Ch	3.00		
VN	177.89	177.91				Py	10.00	Grey/white quartz/carbonate vein hosting disseminated pyrite and arsenopyrite.	
						As	1.00		
VN	179.26	179.59	65.00			Py	10.00	Smokey quartz and white carbonate vein hosting disseminated to blebby pyrite and arsenopyrite. Vein hosts small vuggs.	
						As	4.00		
VT	180.69	180.70	85.00			Py	50.00	Pyrite and arsenopyrite veinlet.	
						As	50.00		
VN	179.80	179.85	80.00			Py	10.00	Smokey quartz vein hosting disseminated pyrite, arsenopyrite and chalcopyrite.	
						As	5.00		
						Ch	7.00		
VT	180.32	180.33	60.00			Py	80.00	Grey quartz and pyrite veinlet.	
VN	182.72	182.74	80.00			Py	25.00	Milky white to grey quartz vein hosting disseminated to blebby pyrite and chalcopyrite.	
						Ch	1.00		
VN	194.62	194.80	75.00			Py	60.00	Massive sulphide vein hosting pyrite, arsenopyrite and chalcopyrite. Sulphide vein is capped by 1cm black gouge on either end.	
						As	20.00		
						Ch	10.00		
VN	195.19	195.23	75.00			Py	60.00	Grey quartz vein hosting blebby to semi-massive pyrite.	
VN	197.18	197.19	50.00			Py	40.00	Grey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	197.39	197.40	60.00			Py	60.00	Grey quartz vein hosting disseminated pyrite.	
VN	198.09	198.13	85.00			Py	60.00	Grey quartz vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	10.00		
VT	199.03	199.40	70.00			Py	4.00	Milky white quartz veinlet hosting disseminated pyrite.	
VT	199.39	199.40	70.00			Py	10.00	Grey quartz veinlet hosting blebby pyrite and sphalerite.	
						Sp	5.00		
VT	201.37	201.38	70.00			Py	20.00	Grey quartz veinlet hosting disseminated pyrite.	
VN	207.55	207.57	10.00			Py	1.00	Grey quartz vein hosting disseminated pyrite and blebby chlorite.	
						Cl	70.00		
VN	209.44	209.49	40.00			Py	10.00	Grey quartz and white carbonate vein hosting disseminated pyrite and blebby chlorite.	
						Cl	30.00		
VN	211.07	211.17	85.00			Py	3.00	Massive chlorite vein hosting disseminated pyrite and broken up by a minor amount of white carbonate veinlets.	
GO	213.78	213.80	30.00			Cl	85.00	Grey gouge vein.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	215.34	215.40	50.00			Py	2.00	Grey quartz vein hosting disseminated pyrite.	
								EOH	

KLAZA

Hole: DDH-KL-12-77 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
25.22	9.5	6.3	790.8	486.1	FEL						2.670374	2.59534	Grey quartz feldspar porphyry dyke.
35.32	10.2	6.3	842.8	528.7	GRD		PHC	3I			2.650656	2.683222	Moderately phyllic altered granodiorite.
46.44	9.3	6.3	806.8	509.3	GRD		PHC	3I	Py	1	2.782992	2.711933	Moderately phyllic altered granodiorite hosting disseminated pyrite.
92.34	9.4	6.3	800.1	503.8	GRD		PRO	2I			2.73052	2.700304	Weakly propyllitic altered granodiorite.
98.38	9.9	6.3	800.2	499.2	GRD		ARG	3I			2.592939	2.658472	Moderately argillic altered granodiorite with patches of weak propyllitic alteration.
						PA	PRO	2I					
121.11	9.9	6.3	853.2	547.4	GRD		PHC	3I	Py	<1	2.764679	2.790059	Moderately phyllic altered granodiorite hosting disseminated pyrite.
151.87	10.3	6.3	870.8	579.5	GRD		PRO	2I			2.712128	2.989358	Weakly propyllitic altered granodiorite.
177.83	10.3	6.3	906	536.2	GRD		PHC	4I			2.821759	2.449973	Strongly phyllic altered granodiorite hosting a grey quartz veinlet hosting disseminated pyrite.
188.55	10.3	6.3	888	596.6	GRD		PRO	2I	Ep	5	2.765698	3.047358	Weakly propyllitic altered granodiorite hosting blebby epidote and haematite.
									He	3			
193.6	9.9	6.3	866.7	581.8	GRD		PHC	4I	Py	5	2.808424	3.04212	Strongly phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.
201.85	9.8	6.3	847	593.7	GRD		PRO	3I	Py	<1	2.772594	3.343861	Moderately propyllitic and silicified granodiorite hosting trace amounts of disseminated pyrite.
							SIL	3I					
													EOH

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			

KLAZA

Hole: DDH-KL-12-77 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
8.23	11.28	3.05	3.00	98.4	M897237	1				
11.28	13.28	2.00	2.00	100	M897238	1				
13.28	16.10	2.82	2.70	95.7	M897239	1				
16.10	18.80	2.70	2.20	81.5	M897240	1				
18.80	19.80	1.00	0.90	90	M897241	1				
19.80	20.92	1.12	1.12	100	M897242	1				
20.92	23.92	3.00	3.00	100	M897243	1				
23.92	26.92	3.00	3.00	100	M897244	1				
26.92	28.34	1.42	1.35	95.1	M897245	1				
28.34	30.07	1.73	1.69	97.7	M897246	1				
30.07	31.25	1.18	1.15	97.5	M897247	1				
					M897248	1				Blank
31.25	33.78	2.53	2.25	88.9	M897249	1				
					M897250	1				Klaza STD-3
33.78	36.85	3.07	3.00	97.7	M897401	1				
					M897402	1				Duplicate
36.85	37.95	1.10	1.09	99.1	M897403	1				
37.95	40.47	2.52	2.52	100	M897404	1				
40.47	41.47	1.00	1.00	100	M897405	1				
					M897406	1				Blank
41.47	43.27	1.80	1.80	100	M897407	1				
					M897408	1				Coarse Reject Duplicate
43.27	44.81	1.54	1.54	100	M897409	1				
44.81	45.88	1.07	1.06	99.1	M897410	1				
					M897411	1				Klaza STD-3
45.88	48.59	2.71	2.59	95.6	M897412	1				
48.59	50.17	1.58	1.43	90.5	M897413	1				
50.17	53.17	3.00	3.00	100	M897414	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
53.17	56.32	3.15	3.00	95.2	M897415	1				
56.32	58.00	1.68	1.68	100	M897416	1				
58.00	59.00	1.00	1.00	100	M897417	1				
59.00	60.00	1.00	1.00	100	M897418	1				
60.00	62.47	2.47	2.47	100	M897419	1				
62.47	63.55	1.08	1.08	100	M897420	1				
63.55	64.89	1.34	1.34	100	M897421	1				
64.89	66.30	1.41	1.40	99.3	M897422	1				
66.30	68.77	2.47	2.39	96.8	M897423	2				
68.77	70.44	1.67	1.67	100	M897424	2				
					M897425	2				Blank
70.44	72.54	2.10	2.02	96.2	M897426	2				
72.54	73.54	1.00	1.00	100	M897427	2				
73.54	74.59	1.05	1.05	100	M897428	2				
					M897429	2				Blank
74.59	76.10	1.51	1.10	72.8	M897430	2				
76.10	77.60	1.50	1.50	100	M897431	2				
77.60	79.22	1.62	1.62	100	M897432	2				
					M897433	2				Duplicate
79.22	80.22	1.00	1.00	100	M897434	2				
80.22	83.16	2.94	2.94	100	M897435	2				
83.16	84.19	1.03	1.00	97.1	M897436	2				
					M897437	2				Klaza STD-2
84.19	85.34	1.15	1.14	99.1	M897438	2				
85.34	88.00	2.66	2.67	100	M897439	2				
88.00	90.92	2.92	2.63	90.1	M897440	2				
90.92	93.84	2.92	2.81	96.2	M897441	2				
93.84	94.91	1.07	1.04	97.2	M897442	2				
94.91	97.68	2.77	2.66	96	M897443	2				
97.68	100.05	2.37	2.37	100	M897444	2				
					M897445	2				Klaza STD-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
100.05	103.00	2.95	2.60	88.1	M897446	2				
103.00	105.80	2.80	2.72	97.1	M897447	2				
105.80	108.81	3.01	2.90	96.3	M897448	2				
108.81	111.79	2.98	2.70	90.6	M897449	2				
111.79	113.78	1.99	1.85	93	M897450	2				
					M897451	2				Coarse Reject Duplicate
113.78	115.47	1.69	1.69	100	M897452	2				
115.47	116.54	1.07	1.03	96.3	M897453	2				
116.54	117.59	1.05	1.03	98.1	M897454	2				
117.59	120.00	2.41	2.35	97.5	M897455	2				
120.00	121.28	1.28	1.23	96.1	M897456	2				
121.28	122.93	1.65	1.65	100	M897457	2				
122.93	123.93	1.00	1.00	100	M897458	2				
123.93	125.59	1.66	1.48	89.2	M897459	3				
125.59	127.50	1.91	1.69	88.5	M897460	3				
127.50	128.50	1.00	1.00	100	M897461	3				
128.50	130.70	2.20	2.20	100	M897462	3				
130.70	131.71	1.01	1.00	99	M897463	3				
131.71	132.71	1.00	1.00	100	M897464	3				
					M897465	3				Blank
132.71	133.98	1.27	1.27	100	M897466	3				
					M897467	3				Klaza STD-2
133.98	135.69	1.71	1.70	99.4	M897468	3				
135.69	138.45	2.76	2.75	99.6	M897469	3				
138.45	140.80	2.35	2.34	99.6	M897470	3				
140.80	144.00	3.20	3.00	93.8	M897471	3				
					M897472	3				Coarse Reject Duplicate
144.00	146.82	2.82	2.82	100	M897473	3				
146.82	148.90	2.08	2.04	98.1	M897474	3				
					M897475	3				Klaza STD-3
148.90	152.03	3.13	2.92	93.3	M897476	3				
152.03	153.35	1.32	1.27	96.2	M897477	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
153.35	155.63	2.28	2.28	100	M897478	3				
155.63	156.63	1.00	1.00	100	M897479	3				
					M897480	3				Blank
156.63	159.13	2.50	2.50	100	M897481	3				
					M897482	3				Duplicate
159.13	161.13	2.00	2.00	100	M897483	3				
161.13	163.48	2.35	2.32	98.7	M897484	3				
163.48	164.48	1.00	1.00	100	M897485	3				
164.48	167.15	2.67	2.65	99.3	M897486	3				
167.15	168.45	1.30	1.30	100	M897487	3				
168.45	171.28	2.83	2.80	98.9	M897488	3				
171.28	172.36	1.08	1.06	98.1	M897489	3				
172.36	174.22	1.86	1.85	99.5	M897490	3				
174.22	175.85	1.63	1.59	97.5	M897491	3				
175.85	177.53	1.68	1.58	94	M897492	3				
177.53	179.08	1.55	1.55	100	M897493	3				
179.08	180.08	1.00	1.00	100	M897494	3				
180.08	182.76	2.68	2.68	100	M897495	4				
182.76	183.76	1.00	1.00	100	M897496	4				
					M897497	4				Duplicate
183.76	186.70	2.94	2.38	81	M897498	4				
186.70	188.77	2.07	1.95	94.2	M897499	4				
188.77	189.79	1.02	1.00	98	M897500	4				
189.79	193.04	3.25	3.05	93.8	M897501	4				
193.04	194.26	1.22	1.21	99.2	M897502	4				
					M897503	4				Klaza STD-1
194.26	195.26	1.00	1.00	100	M897504	4				
					M897505	4				Blank
195.26	197.26	2.00	2.00	100	M897506	4				
197.26	198.26	1.00	1.00	100	M897507	4				
					M897508	4				Blank
198.26	199.26	1.00	1.00	100	M897509	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
199.26	200.26	1.00	1.00	100	M897510	4				
200.26	201.40	1.14	1.14	100	M897511	4				
201.40	202.40	1.00	1.00	100	M897512	4				
202.40	203.41	1.01	1.00	99	M897513	4				
203.41	205.47	2.06	2.04	99	M897514	4				
					M897515	4				Coarse Reject Duplicate
205.47	207.47	2.00	2.00	100	M897516	4				
207.47	208.62	1.15	1.15	100	M897517	4				
					M897518	4				Klaza STD-3
208.62	210.98	2.36	2.36	100	M897519	4				
210.98	211.98	1.00	1.00	100	M897520	4				
211.98	214.49	2.51	2.51	100	M897521	4				
214.49	215.49	1.00	1.00	100	M897522	4				
										EOH

KLAZA

Hole: DDH-KL-12-77 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.35	3.35	1.00	30	0.00	0		1	0S	5W	
3.35	5.18	1.83	0.34	19	0.00	0		1	0S	4W	
5.18	8.23	3.05	3.05	100	0.00	0		1	0S	4W	
8.23	11.28	3.05	3.05	100	0.30	10		2	4S	4W	
11.28	14.33	3.05	3.05	100	0.61	20		1	3S	4W	
14.33	17.37	3.04	2.86	94	0.58	19		1	2S	4W	
17.37	20.42	3.05	3.00	98	0.00	0		1	1S	4W	
20.42	23.47	3.05	2.95	97	0.83	27		1	2S	1W	
23.47	26.52	3.05	3.00	98	1.64	54		2	3S	1W	
26.52	29.57	3.05	3.05	100	0.31	10		1	2S	3W	
29.57	32.61	3.04	2.88	95	0.52	17		1	2S	3W	
32.61	35.66	3.05	2.86	94	1.61	53		2	3S	2W	
35.66	38.71	3.05	2.95	97	1.90	62		2	4S	2W	
38.71	41.76	3.05	3.01	99	2.58	85		2	5S	2W	
41.76	44.81	3.05	3.05	100	2.48	81		2	5S	2W	
44.81	47.85	3.04	2.93	96	2.67	88		2	4S	2W	
47.85	50.90	3.05	3.00	98	1.23	40		1	2S	2W	
50.90	53.95	3.05	2.94	96	2.03	67		2	5S	2W	
53.95	57.00	3.05	2.99	98	1.88	62		2	5S	2W	
57.00	60.05	3.05	3.05	100	1.23	40		1	2S	2W	
60.05	63.09	3.04	2.93	96	1.43	47		1	2S	2W	
63.09	66.14	3.05	3.03	99	1.09	36		2	2S	2W	
66.14	69.19	3.05	2.96	97	2.11	69		2	4S	2W	
69.19	72.24	3.05	2.96	97	2.24	73		2	3S	2W	
72.24	75.28	3.04	3.05	100	1.59	52		2	4S	2W	
75.28	78.33	3.05	2.97	97	1.72	56		2	4S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.04	100	1.79	59		2	4S	2W	
81.38	84.43	3.05	2.96	97	2.18	71		2	5S	2W	
84.43	87.48	3.05	2.80	92	1.07	35		2	2S	1W	
87.48	90.53	3.05	2.77	91	1.32	43		1	2S	1W	
90.53	93.57	3.04	2.84	93	1.07	35		1	4S	1W	
93.57	96.62	3.05	2.94	96	1.63	53		2	5S	1W	
96.62	99.67	3.05	2.92	96	2.19	72		2	5S	1W	
99.67	102.72	3.05	3.05	100	0.19	6		1	1S	1W	
102.72	105.77	3.05	3.05	100	0.34	11		1	1S	1W	
105.77	108.81	3.04	3.00	99	0.80	26		1	1S	1W	
108.81	111.86	3.05	3.05	100	0.48	16		1	1S	1W	
111.86	114.91	3.05	2.76	90	0.48	16		1	0S	1W	
114.91	117.96	3.05	2.98	98	1.19	39		1	1S	1W	
117.96	121.01	3.05	3.00	98	0.75	25		2	3S	1W	
121.01	124.05	3.04	2.92	96	2.25	74		2	4S	1W	
124.05	127.10	3.05	2.62	86	0.63	21		1	1S	1W	
127.10	130.15	3.05	2.84	93	0.68	22		1	1S	1W	
130.15	133.20	3.05	3.05	100	1.27	42		2	5S	1W	
133.20	136.25	3.05	2.96	97	1.92	63		2	4S	1W	
136.25	139.29	3.04	3.04	100	1.14	38		2	5S	2W	
139.29	142.34	3.05	3.05	100	1.58	52		2		1W	
142.34	145.39	3.05	2.94	96	1.68	55		2		1W	
145.39	148.44	3.05	2.90	95	1.03	34		1	1S	1W	
148.44	151.49	3.05	2.96	97	0.78	26		2	2S	1W	
151.49	154.53	3.04	2.94	97	1.95	64		2	2S	1W	
154.53	157.58	3.05	3.02	99	2.37	78		2	2S	1W	
157.58	160.63	3.05	2.98	98	2.43	80		2	4S	1W	
160.63	163.68	3.05	2.96	97	1.40	46		1	0S	1W	
163.68	166.73	3.05	2.98	98	1.48	49		1	0S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.93	96	2.38	78		1	1S	1W	
169.77	172.82	3.05	2.82	92	1.71	56		2	0S	1W	
172.82	175.87	3.05	2.96	97	1.72	56		1	0S	1W	
175.87	178.92	3.05	2.90	95	0.99	32		1	0S	1W	
178.92	181.97	3.05	3.02	99	1.60	52		1	2S	1W	
181.97	185.01	3.04	3.01	99	1.53	50		2	1S	1W	
185.01	188.06	3.05	3.02	99	0.97	32		2	2S	1W	
188.06	191.11	3.05	2.90	95	2.63	86		2	3S	1W	
191.11	194.16	3.05	2.94	96	1.64	54		2	3S	1W	
194.16	197.21	3.05	3.00	98	2.43	80		2	4S	1W	
197.21	200.25	3.04	2.93	96	2.50	82		2	3S	1W	
200.25	203.30	3.05	2.95	97	2.52	83		2	0S	1W	
203.30	206.35	3.05	3.02	99	2.12	70		2	4S	1W	
206.35	209.40	3.05	2.97	97	2.50	82		2	2S	1W	
209.40	212.45	3.05	3.00	98	2.46	81		2	2S	1W	
212.45	215.49	3.04	3.02	99	2.59	85		2	1S	1W	EOH

KLAZA

Hole: DDH-KL-12-77 **Tech Name:** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52							OVB
1.52	3.35	1.83							OVB
3.35	5.18	1.83							OVB
5.18	8.23	3.05							OVB
8.23	11.28	3.05							rubble
11.28	14.33	3.05	40.00	1.00	0.00	1.00	3R	3W	
14.33	17.37	3.04	50.00	0.75	0.00	1.00	2R	3W	
17.37	20.42	3.05							rubble
20.42	23.47	3.05	60.00	0.30	2.00	2.00	2R	1W	
			45.00	0.75	1.00	2.00	2R	1W	
23.47	26.52	3.05	40.00	0.60	0.00	2.00	2R	1W	
			65.00	1.00	1.00	2.00	3R	1W	
26.52	29.57	3.05	65.00	1.00	0.00	1.00	3R	2W	
29.57	32.61	3.04	45.00	0.60	2.00	1.00	3R	2W	
			60.00	0.60	1.00	1.00	3R	2W	
32.61	35.66	3.05	60.00	0.42	1.00	2.00	3R	2W	
			40.00	1.00	0.00	2.00	3R	2W	
35.66	38.71	3.05	4.00	0.42	1.00	2.00	3R	2W	
			60.00	0.42	0.00	1.00	2R	2W	
38.71	41.76	3.05	50.00	0.50	0.00	1.00	3R	2W	
41.76	44.81	3.05	5.00	0.33	0.00	2.00	3R	2W	
44.81	47.85	3.04	65.00	0.75	0.00	1.00	3R	2W	
			45.00	1.00	1.00	2.00	3R	1W	
47.85	50.90	3.05	5.00	0.33	0.00	1.00	2R	2W	
50.90	53.95	3.05	55.00	0.37	0.00	2.00	2R	2W	
			40.00	0.60	0.00	1.00	3R	2W	
53.95	57.00	3.05	45.00	0.37	2.00	2.00	3R	2W	
			60.00	0.60	1.00	1.00	2R	2W	
57.00	60.05	3.05	70.00	0.27	1.00	1.00	2R	2W	
			45.00	0.75	0.00	1.00	2R	2W	
60.05	63.09	3.04	45.00	0.60	0.00	2.00	3R	2W	
63.09	66.14	3.05	70.00	0.43	0.00	1.00	3R	2W	
66.14	69.19	3.05	40.00	1.00	0.00	1.00	2R	2W	
			60.00	0.43	0.00	1.00	2R	2W	
69.19	72.24	3.05	45.00	0.75	0.00	2.00	3R	2W	
72.24	75.28	3.04	45.00	0.43	1.00	2.00	2R	2W	
			70.00	0.60	1.00	2.00	3R	2W	
75.28	78.33	3.05	45.00	0.50		1.00	2R	2W	

KLAZA

			65.00	1.00	0.00	1.00	3R	2W	
78.33	81.38	3.05	45.00	0.50	1.00	2.00	3R	2W	
			70.00	0.60	0.00	2.00	2R	2W	
81.38	84.43	3.05	60.00	0.60	0.00	1.00	2R	2W	
			45.00	0.43	0.00	1.00	3R	2W	
84.43	87.48	3.05	50.00	0.33	0.00	2.00	2R	1W	
87.48	90.53	3.05	45.00	0.50	0.00	2.00	2R	1W	
			75.00	0.75		1.00	3R	1W	
90.53	93.57	3.04	40.00	0.75	1.00	1.00	2R	1W	
			55.00	0.50	1.00	1.00	2R	1W	
93.57	96.62	3.05	50.00	0.43	1.00	2.00	3R	1W	
			40.00	0.50	0.00	1.00	2R	1W	
			65.00	0.75	0.00	1.00	2R	1W	
96.62	99.67	3.05	45.00	0.60	1.00	1.00	2R	1W	
99.67	102.72	3.05							Rubble
102.72	105.77	3.05	60.00	1.00	0.00	1.00	2R	1W	
105.77	108.81	3.04	65.00	0.60	0.00	2.00	3R	1W	
108.81	111.86	3.05							Rubble
111.86	114.91	3.05							Rubble
114.91	117.96	3.05	60.00	1.00	1.00	1.00	2R	1W	
			75.00	1.00	0.00	1.00	3R	1W	
117.96	121.01	3.05	70.00	0.60	1.00	1.00	3R	1W	
			50.00	0.60	0.00	1.00	3R	1W	
121.01	124.05	3.04	45.00	0.75	0.00	2.00	3R	1W	
124.05	127.10	3.05	45.00	1.00	2.00	2.00	2R	1W	
127.10	130.15	3.05	55.00	0.60	1.00	2.00	3R	1W	
130.15	133.20	3.05	60.00	0.30	1.00	1.00	2R	1W	
			45.00	0.60	0.00	2.00	3R	1W	
133.20	136.25	3.05	45.00	0.25	0.00	1.00	2R	2W	
136.25	139.29	3.04	75.00	0.17	0.00	3.00	2R	1W	
139.29	142.34	3.05	45.00	0.25	0.00	1.00	2R	2W	rubbly, HEM stained run
			65.00	0.07	0.00	1.00	2R	2W	
142.34	145.39	3.05	55.00	0.04	1.00	1.00	2R	2W	
			40.00	1.20	0.00	1.00	2R	2W	
145.39	148.44	3.05	20.00		35.00	1.00	2R	3W	single argillic gougy joint
			45.00	0.14	0.00	1.00	2R	2W	
148.44	151.49	3.05	50.00	0.31	0.00	1.00	2R	3W	lots of rubble in run; slickenslide on some faces
			35.00	0.14	2.00	1.00	2R	3W	
151.49	154.53	3.04	35.00		2.00	1.00	1R	3W	
154.53	157.58	3.05	25.00	1.02	1.00	1.00	2R	2W	
157.58	160.63	3.05	60.00	0.42	0.00	1.00	2R	2W	HEM-stained slickenslide on some rubble faces
160.63	163.68	3.05							gougy and rubbly, no coherent sets
163.68	166.73	3.05							gougy, altered, rubbly, fractured, no sets
166.73	169.77	3.04							gougy, altered, rubbly, fractured, no sets
169.77	172.82	3.05							gougy, altered, rubbly, fractured, no sets
172.82	175.87	3.05	15.00	1.30	15.00	2.00	2R	3W	gougy, altered, rubbly, fractured, no sets, veined - sulfide mineralization
175.87	178.92	3.05	70.00	0.23	0.00	1.00	2R	2W	gougy, altered, rubbly, fractured, no sets, veined - sulfide mineralization
178.92	181.97	3.05	50.00	0.33	0.00	1.00	3R	1W	

KLAZA

			70.00	0.47	0.00	1.00	3R	1W	
181.97	185.01	3.04	45.00	0.47	0.00	2.00	2R	1W	
			70.00	0.50	1.00	1.00	2R	1W	
185.01	188.06	3.05	70.00	0.47	0.00	1.00	2R	1W	highly fractured
188.06	191.11	3.05	45.00	0.33	1.00	1.00	2R	1W	
191.11	194.16	3.05	40.00	0.50	1.00	2.00	3R	1W	
			55.00	1.50	1.00	2.00	2R	1W	
194.16	197.21	3.05	45.00	0.75	0.00	1.00	3R	1W	
			60.00	0.60	1.00	1.00	3R	1W	
197.21	200.25	3.04	75.00	1.00	1.00	1.00	2R	1W	
			60.00	1.00	1.00	1.00	3R	1W	
200.25	203.30	3.05	40.00	0.60	2.00	1.00	2R	1W	
			70.00	1.50	1.00	1.00	2R	1W	
203.30	206.35	3.05	55.00	0.75	0.00	1.00	2R	1W	
			40.00	0.75	1.00	1.00	3R	1W	
206.35	209.40	3.05	50.00	0.60	1.00	1.00	2R	1W	
209.40	212.45	3.05	40.00	0.75	0.00	1.00	2R	1W	
			70.00	0.75	0.00	1.00	3R	1W	
212.45	215.49	3.04	35.00	0.75	1.00	2.00	3R	1W	
			50.00	1.00	0.00	1.00	2R	1W	EOH

KLAZA

Hole: DDH-KL-12-77 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	1.96	
2.00	6.60	
3.00	3.81	
4.00	3.66	
5.00	5.25	
6.00	1.73	
7.00	0.89	
8.00	4.35	
9.00	0.65	
10.00	2.46	
11.00	0.13	
12.00	1.34	
13.00	3.17	
14.00	2.75	
15.00	10.40	
16.00	1.00	
17.00	1.83	
18.00	0.95	
19.00	3.25	
20.00	2.38	
21.00	1.81	
22.00	2.28	
23.00	1.89	
24.00	5.24	
25.00	3.72	
26.00	3.81	
27.00	5.24	
28.00	1.31	
29.00	1.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.05	
31.00	2.60	
32.00	4.72	
33.00	5.44	
34.00	6.30	
35.00	4.45	
36.00	7.02	
37.00	5.56	
38.00	6.14	
39.00	6.46	
40.00	6.85	
41.00	5.82	
42.00	6.19	
43.00	4.16	
44.00	1.41	
45.00	4.87	
46.00	2.43	
47.00	7.56	
48.00	3.84	
49.00	2.63	
50.00	1.29	
51.00	4.28	
52.00	4.80	
53.00	8.48	
54.00	8.80	
55.00	3.34	
56.00	3.86	
57.00	2.50	
58.00	7.49	
59.00	5.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	2.62	
61.00	9.87	
62.00	6.95	
63.00	6.50	
64.00	3.69	
65.00	1.29	
66.00	3.83	
67.00	11.20	
68.00	4.73	
69.00	7.17	
70.00	9.35	
71.00	8.66	
72.00	5.74	
73.00	8.19	
74.00	7.49	
75.00	3.24	
76.00	4.06	
77.00	6.13	
78.00	14.80	
79.00	6.13	
80.00	4.98	
81.00	7.56	
82.00	8.65	
83.00	4.01	
84.00	10.30	
85.00	5.24	
86.00	6.23	
87.00	5.10	
88.00	4.48	
89.00	24.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	10.60	
91.00	15.50	
92.00	15.20	
93.00	30.70	
94.00	8.01	
95.00	4.55	
96.00	2.70	
97.00	5.47	
98.00	7.61	
99.00	8.46	
100.00	1.29	
101.00	16.90	
102.00	21.60	
103.00	30.00	
104.00	27.50	
105.00	1.59	
106.00	8.58	
107.00	30.00	
108.00	18.00	
109.00	5.77	
110.00	15.60	
111.00	26.20	
112.00	20.70	
113.00	0.31	
114.00	0.25	
115.00	0.26	
116.00	1.02	
117.00	0.25	
118.00	4.20	
119.00	0.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.40	
121.00	0.35	
122.00	0.53	
123.00	0.55	
124.00	0.35	
125.00	3.89	
126.00	0.25	
127.00	0.21	
128.00	0.40	
129.00	0.99	
130.00	10.10	
131.00	0.25	
132.00	0.50	
133.00	16.90	
134.00	0.25	
135.00	22.00	
136.00	27.80	
137.00	0.82	
138.00	20.10	
139.00	30.80	
140.00	14.70	
141.00	28.50	
142.00	27.50	
143.00	30.30	
144.00	23.50	
145.00	24.90	
146.00	19.80	
147.00	6.38	
148.00	18.50	
149.00	19.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	18.10	
151.00	27.20	
152.00	36.20	
153.00	11.50	
154.00	21.50	
155.00	19.10	
156.00	0.30	
157.00	0.28	
158.00	0.47	
159.00	1.09	
160.00	14.30	
161.00	1.73	
162.00	0.28	
163.00	1.44	
164.00	0.36	
165.00	0.25	
166.00	0.36	
167.00	0.25	
168.00	0.21	
169.00	0.35	
170.00	0.20	
171.00	0.26	
172.00	0.55	
173.00	0.28	
174.00	0.26	
175.00	0.31	
176.00	0.23	
177.00	0.16	
178.00	0.42	
179.00	0.28	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.45	
181.00	3.09	
182.00	3.78	
183.00	5.40	
184.00	4.25	
185.00	3.32	
186.00	4.03	
187.00	2.43	
188.00	3.64	
189.00	5.09	
190.00	3.62	
191.00	6.83	
192.00	3.93	
193.00	2.01	
194.00	3.86	
195.00	5.35	
196.00	5.62	
197.00	4.93	
198.00	4.04	
199.00	1.94	
200.00	4.92	
201.00	6.60	
202.00	4.78	
203.00	2.48	
204.00	2.87	
205.00	3.44	
206.00	3.78	
207.00	4.16	
208.00	2.94	
209.00	4.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	3.84	
211.00	4.46	
212.00	4.09	
213.00	4.18	
214.00	3.57	
215.00	3.19	EOH

KLAZA

Hole: DDH-KL-12-77 Date: July 2012

Box #	From (m)	To (m)
1	0.00	5.90
2	5.90	8.62
3	8.62	11.28
4	11.28	14.33
5	14.33	17.64
6	17.64	20.42
7	20.42	24.41
8	24.41	28.02
9	28.02	31.48
10	31.48	35.10
11	35.10	39.24
12	39.24	43.23
13	43.23	47.41
14	47.41	51.01
15	51.01	55.00
16	55.00	58.86
17	58.86	62.87
18	62.87	66.68
19	66.68	70.76
20	70.76	74.52
21	74.52	78.33
22	78.33	82.05
23	82.05	86.32
24	86.32	90.53
25	90.53	93.97
26	93.97	97.90
27	97.90	100.98
28	100.98	103.81
29	103.81	107.10

KLAZA

30	107.10	110.20
31	110.20	113.18
32	113.18	117.05
33	117.05	120.31
34	120.31	124.05
35	124.05	127.57
36	127.57	131.39
37	131.39	135.00
38	135.00	138.50
39	138.50	142.15
40	142.15	145.83
41	145.83	149.15
42	149.15	153.09
43	153.09	157.10
44	157.10	160.95
45	160.95	165.00
46	165.00	168.95
47	168.95	172.82
48	172.82	176.88
49	176.88	180.83
50	180.83	184.54
51	184.54	188.00
52	188.00	191.92
53	191.92	195.88
54	195.88	200.06
55	200.06	204.21
56	204.21	208.25
57	208.25	212.26
58	212.26	215.49
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383253.33	6889513	1415.611	235.61

SECTION:

HOLE: DDH-KL-12-78

CLAIM: Klaza 22 - YC39055

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 1 - July 4

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.22	1.22	OVB	Overburden and re-drill material.
1.22	22.10	20.88	GRD	Unaltered granodiorite.
22.10	46.47	24.37	GRD	Moderate-intense propyllitic granodiorite.
46.47	64.73	18.26	VEN	BYG Zone: Intense veining in phyllic granodiorite.
64.73	92.27	27.54	GRD	Moderate-intense propyllitic granodiorite.
92.27	98.07	5.80	GRD	Moderate phyllic alteration in granodiorite.
98.07	112.74	14.67	FEL	Quartz feldspar porphyry dyke with selvedges.
112.74	124.05	11.31	GRD	Moderate phyllic alteration in granodiorite.
124.05	127.93	3.88	VEN	Heavily fractured mineralized vein zone.
127.93	179.71	51.78	GRD	Moderate-intense phyllic alteration in granodiorite.
179.71	180.53	0.82	VEN	Moderately fractured mineralized vein zone.
180.53	192.93	12.40	GRD	Moderate-intense phyllic alteration in granodiorite.
192.93	193.89	0.96	VEN	Thick mineralized quartz and carbonate veins.
193.89	199.98	6.09	GRD	Moderate-intense phyllic alteration in granodiorite.
199.98	200.02	0.04	VEN	Quartz vein hosting arsenopyrite.
200.02	203.96	3.94	GRD	Moderate-intense phyllic alteration in granodiorite.
203.96	218.47	14.51	VEN	Intensely sheared mineralized vein zone.

SAMPLES

Numbers: M899231 - M899381

Total: 151

Batch: 4

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-78 **Logger Name:** Teresa Cruz **Date: July 1**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	1.22	1.22					OVB					4I									Overburden, soil, and re-drill.
1.22	98.07	96.85				mKgW	GRD	MG	LT	GN		2I									Granodiorite with varying phyllic, argillic, and propyllitic alteration. Crosscut by quartz veins and veinlets.
									MD	GY											
			1.22	22.10	20.88	mKgW	GRD	MG	LT	GN											Unaltered granodiorite.
									MD	GY											
			22.10	22.90	0.80	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic alteration overprinting argillic alteration, cut by 5 quartz veins.
									MD	GY				ARG	1I						
			22.90	29.27	6.37	mKgW	GRD	MG	LT	GN											Unaltered granodiorite.
									MD	GY											
			29.27	31.18	1.91	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic altered envelope bordered by 30 cm argillic envelopes at each side. Interval is crosscut by quartz veins.
									MD	GY				ARG	2I						
			31.18	35.89	4.71	mKgW	GRD	MG	LT	GN											Unaltered granodiorite.
									MD	GY											
			35.89	36.75	0.86	mKgW	GRD	MG	LT	GN				PHC	3I	1.00					Phyllic altered envelope bordered by 30 cm argillic envelopes at each side. Interval is crosscut by quartz veins.
									MD	GY				ARG	2I						
			36.75	46.47	9.72	mKgW	GRD	MG	LT	GN						1.00					Unaltered granodiorite with patchy propyllitic and phyllic alteration envelopes around quartz veins.
									MD	GY											
			46.47	48.07	1.60	mKgW	GRD	MG	LT	Bn		3I		ARG	3I	5.00					Argillic alteration with pervasive oxidation. Crosscut by many mineralized quartz veins. Start of the BYG zone.
									MD	GY											
			48.07	64.73	16.66	mKgW	GRD	MG	LT	GN	Fr	3I		PHC	4I	1.00					In the BYG Zone: crosscut by many quartz veins with mineralization. Phyllic alteration dominates, with moderate oxidation staining.
									MD	GY											
			64.73	67.13	2.40	mKgW	GRD	MG	LT	GN				ARG	3I						Argillic alteration envelope with minor phyllic overprinting around quartz veins.
									MD	GY				PHC	1I						
			67.13	75.29	8.16	mKgW	GRD	MG	LT	GN				PRO	1I						Very weakly propyllitic on generally unaltered granodiorite.
									MD	GY											
			75.29	76.44	1.15	mKgW	GRD	MG	LT	GN		2I		ARG	4I						Strongly argillic granodiorite stained continuously by oxidation.
									MD	GY											
			76.44	92.27	15.83	mKgW	GRD	MG	LT	GN				PRO	3I			Li	8.00		Moderately propyllitic granodiorite with crosscutting quartz veins and veinlets. Oxide staining along fractures. Crosscut by carbonate veinlets.
									MD	GY								Cb	5.00		
			92.27	98.07	5.80	mKgW	GRD	MG	LT	GN				PHC	3I	2.00					Moderate-intense phyllic alteration overprinting patchy argillic alteration, crosscut by mineralized quartz veins.
									MD	GY				ARG	2I						
98.07	99.82	1.75				LKqP	FEL	FG	LT	Bn		2I						Cb	2.00		Quartz feldspar porphyry dyke, crosscut by carbonate veinlets and bordered by mineralized dyke selvedges.
									MD	GY											
99.82	100.70	0.88				mKgW	GRD	MG	LT	GN		2I		PHC	3I	2.00					Short interval of phyllic granodiorite crosscut by quartz veins, with oxide staining along many fractures.
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
100.70	112.74	12.04				LKqP	FEL	FG	LT	GN	Rb	2I		CLY	2I						Quartz feldspar porphyry dyke, crosscut by carbonate veinlets and bordered by mineralized dyke selvedges.
									MD	GY											
112.74	235.61	122.87												PHC	4I	1.00					Granodiorite with patchy alteration with variable overprinting. Crosscut by quartz vein and carbonate veins, weakly clay altered, hosting disseminated pyrite.
														ARG	2I						
														CLY	2I						
														PRO	2I						
			112.74	132.00	19.26	mKgW	GRD	MG	LT	GN				PHC	4I	1.00					Strong phyllic alteration overprinting patchy argillic. Crosscut by many mineralized quartz veins. Moderately clay altered in approximately 50% of the interval. Clay altered intervals should grade well. Hosts disseminated pyrite.
									MD	GY				ARG	2I						
														CLY	3I						
			132.00	133.25	1.25	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic alteration in granodiorite with weak, patchy, clay alteration.
									MD	GY				CLY	1I						
			133.25	136.25	3.00	mKgW	GRD	MG	LT	GN				ARG	3I						Moderate argillic alteration overprinted by patchy phyllic alteration. Rubbly from 135.40-135.70m. Crosscut by occasional quartz veins.
									MD	GY				PHC	2I						
			136.25	144.09	7.84	mKgW	GRD	MG	LT	GN				PHC	3I	1.00					Moderate phyllic alteration overprinting patchy argillic alteration. Crosscut by mineralized quartz veins hosting disseminated pyrite.
									MD	GY				ARG	2I						
			144.09	146.37	2.28	mKgW	GRD	MG	LT	GN				PRO	3I						Weak-moderate propyllitic alteration crosscut by quartz and carbonate veinlets.
									MD	GY											
			146.37	160.15	13.78	mKgW	GRD	MG	LT	GN				PHC	4I			Cb	3.00		Phyllic overprinting patchy argillic with patchy silica flooding crosscut by quartz and carbonate veins/veinlets.
									MD	GY				ARG	2I						
														SIL	2I						
			160.15	164.05	3.90	mKgW	GRD	MG	LT	GN				ARG	3I						Moderate argillic overprinted by patchy phyllic alteration near crosscutting quartz veinlets and veins.
									MD	GY				PHC	2I						
			164.05	167.60	3.55	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic with phyllic envelopes on crosscutting quartz veins.
									MD	GY				PHC	2I						
			167.60	171.46	3.86	mKgW	GRD	MG	LT	GN				PHC	4I						Phyllic overprinting patchy argillic with patchy silica flooding crosscut by quartz and carbonate veins/veinlets.
									MD	GY				ARG	2I						
			171.46	176.68	5.22	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic with phyllic envelopes on crosscutting quartz veins.
									MD	GY				PHC	2I						
			176.68	204.20	27.52	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic overprinting patchy argillic with patchy silica flooding crosscut by quartz and carbonate veins/veinlets. Gougey from 191.57-192.73m next to a vein zone that runs from 191.57-193.37m.
									MD	GY				ARG	2I						
														PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			204.20	222.80	18.60	mKgW	GRD	MG	LT	GN				PRO	3I						Dominantly propyllitic with phyllic envelopes near veins, and very weak oxide staining on fractures/rubble/slickensides (207.90-209.30m). Intensely sheared at 205.95-211.48m and 213.36-218..47m. Rock in these intervals are finely ground to coarse sand size. Mineralized quartz veins are seen in some patches of rubble, so this fault zone hosted quartz veins prior to movement. Slickensides are found on many fragments of rock, and most of the faulted granodiorite is propyllitic altered. Rock after the fault zone is propyllitic-phyllic with many quartz veins from 218.47-220.62m. Closely spaced carbonate veinlets are crosscutting pre-existing quartz veins and coating fracture faces. Large epidote blebs occur after 221.59m.
									MD	GY				PHC	3I						
			222.80	235.61	12.81	mKgW	GRD	MG	LT	GN				PRO	4I	1.00		Cl	2.00		Moderate-intense propyllitic alteration in granodiorite. Later stage pervasive silica flooding resulting in quartz eyes. Crosscut by quartz and carbonate veins/veinlets. Hematite staining is fairly common from 222.80-229.20m. Several clay altered-gouged quartz veins. Rubbly 225.90-228.50m. Crosscut by pyrite stringers. Chlorite-rich veinlets most disseminated-blebby pyrite from 2311.60-235.61m. Grades into weak propyllitic by EOH (235.61m).
									MD	GY				SIL	3I			He	1.00		EOH

KLAZA

Hole: DDH-KL-12-78 Logger Name:

Depth (m)		
98.07		2cm clay gouged shar dyke at the dyke selve
99.82		Sharp 70 degree conta
100.70		Oxidized, rubbly, and
112.74		60 degree sharp clay
		EOH

KLAZA

Hole: DDH-KL-12-78 **Logger Name:** Teresa Cruz **Date:** July 5, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	18.24	18.32	35.00			Py	5.00	White quartz veinlet with 0.3-0.6mm borders of high chlorite content. Hosts blebby pyrite and moderate hematite staining producing a mottled red-green colour with chlorite.	
						Cl	20.00		
VT	22.31	22.90	60.00		6.00	Py	5.00	Alternating bands of white and grey quartz vein with disseminated-blebby pyrite at the vein centre.	
VN	29.92	29.96	70.00			Py	6.00	White crustiform-massive quartz vein with central veinlets of smoky quartz, hosting disseminated-blebby pyrite.	
VN	29.99	30.08	50.00			Py	4.00	White-grey quartz vein with smoky quartz veinlets. Quartz is vuggy and limonite stained near vugs and fractures.	
						Li	5.00		
VN	30.53	31.03	80.00		5.00	Py	1.00	White-milky massive quartz vein with vugs. Hosts disseminated pyrite.	
VN	36.34	36.39	60.00			Py	8.00	Smoky-white-milky crustiform-banded-vuggy quartz vein with limonite staining along vugs and fractures. Hosts disseminated-blebby pyrite.	
						Li	5.00		
VT	38.74	38.76	60.00			Py	2.00	White crackled quartz vein with disseminated-blebby pyrite.	
VN	42.07	42.62	70.00		4.00	Py	3.00	Milky-smoky crustiform quartz veins with disseminated pyrite.	
VT	44.42	44.81	20.00			Py	3.00	Milky quartz veinlet with disseminated-blebby pyrite	
VT	44.83	45.01	80.00		2.00	Py	1.00	Milky quartz veinlet with blebby pyrite	
VN	46.22	46.41	70.00		2.00	Py	1.00	Milky-tan chalcedony veinlets with parallel smoky quartz veinlets with small vugs (BYG zone)	
						Ch	80.00		
VN	48.31	48.46	90.00			Py	30.00	Black, smoky quartz vein with vugs and oxide staining hosting blebby-massive pyrite and blebby-massive galena.	x
						Ga	10.00		
VN	49.24	49.44	90.00			Py	30.00	Milky-smoky vuggy quartz vein. Vugs are stained by oxides. Hosts blebby-massive pyrite and blebby chalcopyrite. Vugs are preferentially aligned to parallel the quartz veins.	x
						Cp	4.00		
						Ch	4.00		
ST	50.72	50.81	70.00		2.00	Py	80.00	Massive-crystalline pyrite stringers	
VT	51.39	51.50	75.00		2.00	Py	25.00	Vuggy smoky quartz veinlets with blebby-massive pyrite.	
VN	51.81	52.10	70.00		3.00	Py	3.00	Milky vuggy quartz vein with disseminated-blebby pyrite with moderate oxide fracture staining.	
VN	52.43	53.14	90.00			Py	15.00	Smoky quartz vein with milky quartz veins within the smoky quartz. The milky quartz has brecciated the smoky quartz, and has some clasts of smoky quartz inside. Smoky quartz is vuggy and the vugs are limonite coated. Vein hosts blebby-massive pyrite and blebby galena.	
						Ga	10.00		
						Li	10.00		
VN	53.21	53.41	90.00			Py	15.00	Smoky, vuggy quartz vein. Vugs are limonite stained. Vein hosts disseminated pyrite.	
						Li	10.00		
VN	53.53	53.63	90.00		2.00	Py	5.00	Smoky vuggy quartz vein that brecciated the granodiorite and contains some larger granodiorite clasts. Vugs are limonite stained.	
						Li	10.00		
VN	54.10	54.33	90.00			Py	40.00	Smoky-milky vuggy quartz vein. Smoky quartz veins vary in width in this interval, and the vugs are limonite stained. Vein hosts white quartz eyes, blebby-massive pyrite, and blebby galena.	x
						Ga	8.00		
						Li	8.00		
VN	55.07	55.27	60.00		3.00	Py	20.00	Smoky-milky quartz vein with blebby-massive pyrite and limonite stained fractures.	
						Li	8.00		
VN	55.30	55.70	60.00			Py	50.00	White-milky quartz with vugs and limonite staining along fractures. Chalcedony lines some vugs.	x
						Ch	10.00		
VN	56.51	56.54	80.00			Py	15.00	Milky quartz vein with 2mm smoky quartz borders. Blebby-massive pyrite is focused in the centre.	
VN	57.06	57.24	80.00		2.00	Py	30.00	Milky vuggy quartz vein with smoky quartz veinlets. Hosts blebby-massive pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	61.23	61.30	45.00			Py	1.00	Smoky brecciated quartz vein with disseminated pyrite. Limonite staining along the vein borders.	
						Li	10.00		
VN	62.20	63.09	45.00			Py	20.00	Thick, heavily stained white-grey quartz vein with large vugs and brecciation. Vugs and staining are preferentially aligned with brecciation. Calcite flakes have grown in the vugs, and are oxide stained. Hosts massive-blebby pyrite and disseminated arsenopyrite.	
						As	2.00		
						Li	10.00		
VT	63.13	63.20	80.00		2.00	Py	1.00	White-translucent quartz vein with limonite staining. Hosts disseminated pyrite.	
						Li	8.00		
VN	63.81	63.90	90.00			Py	20.00	Tan chalcedony central vein bordered by white massive quartz. Hosts blebby-massive pyrite.	
						Ch	50.00		
						Li	4.00		
VT	65.40	65.50	45.00		2.00	Py	2.00	Milky quartz veinlets with smoky quartz veinlets adjacent. Hosts blebby-disseminated pyrite.	
						Sp	1.00		
VN	72.00	72.12	45.00			Py	5.00	Milky quartz veinlets with chlorite is disseminated throughout the quartz vein. Pink-red hematite staining along quartz outer edge. Hosts blebby pyrite.	
						He	2.00		
VN	74.24	74.41	90.00			Py	50.00	Milky, fractured and clay altered quartz vein. Oxide staining along fractures and in clay-altered areas. Hosts disseminated-blebby pyrite.	
VT	74.47	74.75	70.00		4.00	Py	15.00	Milky-smoky vuggy quartz veinlet hosting pyrite blebs.	
VN	76.71	76.83	60.00			Py	10.00	Alternating bands of white-smoky-chalcedonic quartz. Small vugs in chalcedony. White quartz has some crustiform texture.	
						Ch	30.00		
VN	77.99	78.01	75.00			Py	2.00	Grey quartz with granodiorite fragments and disseminated pyrite and blebby tourmaline.	
						To	4.00		
VT	85.03	85.29	80.00		2.00	Py	1.00	Vuggy milky quartz vein with carbonate infilling the vugs. Weak oxide staining at the edges of the veinlets.	
						Cb	20.00		
VN	88.19	88.28	45.00			Py	1.00	White massive quartz vein with disseminated-blebby pyrite and patchy hematite staining.	
						He	5.00		
VN	91.51	91.57	70.00			Py	1.00	Massive smoky quartz with milky quartz eyes, hosting disseminated pyrite.	
VN	93.22	93.36	45.00			Py	2.00	Dyke selvedge: smoky quartz vein with fragments of earlier milky quartz vein. Oxide stained fractures and disseminated pyrite.	
VN	95.69	95.83	45.00			Py	20.00	Smoky-white quartz vein with disseminated-blebby pyrite.	
VT	96.75	96.92	30.00		3.00	Py	30.00	Smoky quartz veinlets with disseminated-blebby pyrite.	
VN	97.19	97.24	90.00			Py	10.00	White-grey quartz vein with disseminated-blebby pyrite.	
VN	97.57	98.07	50.00			Py	2.00	Dyke selvedge: smoky quartz vein with plagioclase phenocrysts. Entire interval is weakly clay altered, with intensity increasing towards the quartz feldspar porphyry dyke.	
VN	99.82	99.98	70.00			Py	15.00	Dyke selvedge: Smoky vuggy quartz. Vugs are limonite stained.	
						Li	8.00		
VN	100.17	100.20	90.00			Py	30.00	Smoky-grey quartz hosting disseminated-blebby pyrite.	
VN	100.42	100.67	70.00			Py	15.00	Dyke selvedge: smoky quartz vein with oxide stained fractures and vugs. Hosts disseminated-blebby pyrite.	
VN	112.74	113.24	80.00			Py	15.00	Dyke selvedge: smoky-white quartz veins and veinlets crosscut and brecciated granodiorite. Moderate-weak clay gouge and pyrite stringers. Selvedge is partially silica flooded.	
VN	113.79	113.93	70.00			Py	10.00	Intensely clay altered smoky-white quartz vein.	
VT	114.32	114.37	40.00			Py	5.00	Smoky clay altered quartz veinlet with disseminated pyrite.	
VT	114.74	114.91	30.00		2.00	Py	15.00	Milky quartz vein with blebby pyrite and blebby chlorite.	
						Cl	20.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	115.23	115.27	60.00			Py	3.00	Milky-smoky quartz vein with disseminated-blebby pyrite and white quartz eyes.	
VT	115.65	115.67	80.00			Py	1.00	Tan-white quartz veinlet with chlorite concentrated by the vein.	
						Cl	15.00		
VN	115.81	116.88	60.00			Py	15.00	Smoky-white quartz vein in alternating bands of colour. White quartz is weakly crustiform. Hosts disseminated pyrite and pyrite stringers.	
VT	116.96	117.05	80.00		5.00	Py	10.00	Smoky-white quartz vein that brecciates phyllic granodiorite. Hosts blebby-massive pyrite. Some white quartz veins are crustiform.	
VN	117.50	117.57	80.00			Py	2.00	Smoky-white-pink quartz veins in alternating bands of colour. Moderately clay altered, hosting disseminated pyrite.	
VN	117.71	117.77	90.00			Py	8.00	Smoky-white-milky quartz veins with blebby-disseminated pyrite.	
VN	118.52	118.54	80.00			Py	2.00	Clay altered smoky quartz vein with disseminated pyrite.	
VN	120.21	120.29	40.00			Py	6.00	White-milky quartz vein bordered by smoky quartz veinlets, with blebs of white-clear quartz. Hosts blebby pyrite.	
VN	120.45	120.83	45.00			Py	6.00	Smoky-milky quartz veins and veinlets that brecciated phyllic granodiorite. Hosts disseminated fine-grained pyrite.	
GO	121.66	121.76	45.00			Py	2.00	Clay gouged phyllic granodiorite within a clay altered interval. Hosts disseminated fine-grained pyrite.	
VN	122.37	122.43	60.00			Py	4.00	White-grey quartz vein with disseminated-blebby pyrite.	
GO	122.43	122.52	70.00			Py	1.00	Clay gouged phyllic granodiorite within a clay altered interval. Hosts disseminated fine-grained pyrite.	
GO	122.94	122.98	60.00			Py	1.00	Clay gouged phyllic granodiorite with clay alteration adjacent/pervasive in granodiorite. Hosts disseminated fine-grained pyrite.	
ST	123.19	123.20	90.00			Py	2.00	Milky quartz vein with small vugs.	
VN	123.76	124.05	80.00		2.00	Py	1.00	Smoky quartz vein that is clay altered.	
VN	124.05	124.79	90.00		7.00	Py	4.00	Seven smoky-milky vuggy quartz veins with carbonate-lined vugs. Zone is heavily fractured, and veins host disseminated-blebby pyrite.	
						Cb	6.00		
VN	124.98	125.19	45.00			Py	20.00	White quartz vein with patches of chlorite at the edges. Hosts blebby pyrite and pyrite stringers.	
						Cl	10.00		
VN	125.39	125.73	60.00		8.00	Py	15.00	Crosscutting white-milky quartz veins with indistinct borders in rubbly phyllic granodiorite.	
VN	125.73	127.93	50.00		15.00	Py	30.00	White-smoky massive quartz veins/veinlets crosscutting phyllic granodiorite. Veins have indistinct borders, and host disseminated-blebby pyrite. Granodiorite is rubbly, making exact number and orientations of veins difficult to determine.	
VN	128.63	128.67	30.00			Py	15.00	Creamy vuggy-crustiform chalcedony vein with parallel white quartz veinlets and parallel smoky quartz veinlets.	
						Ch	60.00		
ST	129.93	130.20	70.00		8.00	Py	80.00	Pyrite stringers with parallel smoky-milky quartz veinlets.	
VN	130.27	130.51	80.00		3.00	Py	2.00	Vuggy, hematite-stained massive smoky quartz veins.	
VN	130.62	130.70	70.00			Py	15.00	Alternating bands of smoky-white-milky quartz. Hosts blebby-massive pyrite.	
GO	130.82	131.02	80.00			Py	1.00	Clay-gouged phyllic granodiorite hosting disseminated pyrite.	
VN	132.81	133.50	80.00		6.00	Py	1.00	Milky-white quartz veinlets with blebs of chlorite along the side.	
						Cl	6.00		
VN	134.76	135.07	90.00		3.00	Py	3.00	Milky-white quartz veins with disseminated-blebby pyrite and smoky quartz veinlets.	
ST	135.38	135.51	80.00		6.00	Py	100.00	1mm pyrite stringers with varying orientations and crosscutting each other.	
VN	136.65	136.68	80.00			Py	1.00	Clay altered smoky quartz vein with disseminated pyrite.	
VN	136.90	136.94	90.00			Py	12.00	White-milky-smoky quartz vein with blebby pyrite	
VN	137.38	137.73	85.00		4.00	Py	1.00	Milky-white vuggy quartz veins and clay altered fracture faces.	
VN	138.83	138.99	85.00		3.00	Py	20.00	Smoky quartz vein with milky quartz veinlets within. Hosts blebby-massive pyrite and crosscut by carbonate veinlets.	
						Cb	5.00		
VN	139.32	140.70	70.00		7.00	Py	1.00	Milky-white quartz vein with bordering smoky quartz veinlets.	
VN	140.80	140.85	80.00			Py	1.00	Milky-white crustiform quartz vein with disseminated pyrite and blebby sphalerite.	
						Sp	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	141.09	141.21	40.00			Py	1.00	Clay gouged phyllic granodiorite.	
VN	141.96	141.98	80.00			Py	2.00	Milky-smoky quartz vein. Milky vein has central smoky quartz veinlet. Hosts disseminated pyrite.	
VN	142.45	142.48	70.00			Py	2.00	Milky quartz vein with parallel smoky quartz veinlets. Hosts disseminated pyrite.	
VN	143.45	143.49	90.00			Py	6.00	Milky quartz vein with parallel smoky quartz veinlets. Hosts disseminated pyrite.	
ST	143.70	143.74	90.00		2.00	Py	100.00	Pyrite stringers.	
VN	143.82	143.99	90.00		2.00	Py	30.00	Grey-white quartz vein with massive-disseminated pyrite.	
VN	146.61	147.08	45.00		7.00	Py	8.00	White-grey clay altered quartz veins passing through a gouge interval. Hosts disseminated-blebby pyrite.	
GO	146.84	147.03	60.00			Py	3.00	Clay gouged phyllic granodiorite with quartz veins.	
VN	149.12	149.13	80.00			Py	1.00	Creamy-milky crustiform quartz vein with disseminated pyrite.	
VN	149.85	149.94	80.00			Py	3.00	Moderately clay altered smoky-white quartz vein with disseminated pyrite.	
VT	150.22	150.25	80.00		2.00	Py	2.00	Moderately clay altered smoky quartz veinlets with disseminated pyrite.	
VN	151.62	151.73	75.00		3.00	Py	4.00	White-cream crustiform quartz veins with disseminated pyrite and parallel smoky quartz veinlets.	
VN	153.51	153.60	70.00			Py	15.00	Thick quartz vein with varying bands of colour, including creamy crustiform and massive milky-smoky. Minor brecciation of previous quartz by creamy quartz. Hosts blebby-massive pyrite and blebby sphalerite.	x
						Sp	5.00		
VT	154.06	154.27	85.00		4.00	Py	2.00	Crustiform white quartz with disseminated pyrite.	
VT	155.15	155.17	70.00			Py	1.00	Smoky quartz veinlet with disseminated pyrite	
VT	155.15	155.55	10.00			Py	30.00	Creamy crustiform quartz veinlet with central white quartz and blebby pyrite.	
GO	155.50	155.84	20.00			Py	1.00	1cm thick clay gouge in phyllic granodiorite with disseminated pyrite.	
VN	156.05	156.18	90.00		2.00	Py	5.00	Alternating bands of white-smoky quartz hosting blebby pyrite and parallel pyrite stringers.	
VT	156.61	156.62	90.00			Py	1.00	White quartz veinlet with disseminated pyrite.	
VT	157.53	157.78	85.00		6.00	Py	1.00	Six smoky-white veinlets with central pyrite stringers.	
GO	157.96	157.97	90.00			Py	1.00	Clay gouged smoky quartz vein with disseminated pyrite.	
VT	158.06	158.16	80.00		2.00	Py	1.00	White massive quartz veinlet with disseminated pyrite.	
VT	158.26	158.27	80.00			Py	1.00	White crustiform quartz veinlet with disseminated pyrite and tight phyllic envelope.	
VN	159.33	159.71	70.00		3.00	Py	25.00	Three thick banded smoky-white quartz veins hosting blebby-massive pyrite and blebby sphalerite, crosscut by carbonate veinlets.	x
						Sp	8.00		
						Cb	10.00		
VT	160.05	160.13	70.00		2.00	Py	1.00	Creamy crustiform quartz veinlets with disseminated pyrite.	
VT	161.75	162.17	40.00		3.00	Py	1.00	White crustiform quartz veinlets with tight phyllic envelopes in argillic granodiorite. Hosts disseminated pyrite.	
VT	163.03	163.07	90.00		3.00	Py	3.00	Central white quartz bordered by 1mm smoky quartz veinlets, hosting disseminated pyrite.	
VN	163.25	163.34	80.00		3.00	Py	15.00	Grey-milky-smoky quartz veins with disseminated-blebby pyrite.	
VN	163.59	163.80	80.00		3.00	Py	10.00	White-smoky quartz veins with disseminated-blebby pyrite and tight phyllic envelopes.	
VT	164.65	164.67	45.00			Py	1.00	White quartz veinlet with 0.5mm borders of limonite staining.	
						Li	1.00		
VT	165.99	166.01	70.00			Py	1.00	Weakly clay altered white quartz veinlet with disseminated pyrite.	
VN	167.03	167.07	60.00			Cb	10.00	White quartz vein that splits around more resistant clasts of phyllic granodiorite.	
VT	167.05	167.21	20.00			Py	4.00	Central white quartz veinlet bordered by smoky quartz veinlets, hosting disseminated pyrite.	
VN	167.95	167.66	80.00			Py	4.00	Grey quartz vein crosscut by carbonate veins that brecciate the quartz. Hosts disseminated-blebby pyrite and blebby sphalerite	
VN	168.77	168.95	90.00			Py	5.00		
						Cb	15.00		
						Sp	3.00		
VN	169.20	169.22	80.00			Py	5.00	White quartz (0.5cm) next to white carbonate (1cm) with vugs in the carbonate. Hosts disseminated pyrite.	
VN	169.53	169.56	70.00			Py	10.00	White-smoky crustiform quartz vein with disseminated pyrite.	
VT	169.98	171.27	70.00		6.00	Py	1.00	White quartz veinlet with tight phyllic chlorite-rich envelopes and disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	170.79	170.81	50.00			Cb	100.00	White carbonate vein with vugs.	
VN	171.02	171.10	80.00			Py	10.00	Grey quartz vein with white-smoky quartz veinlets. Crosscut by carbonate veinlets, hosting disseminated-blebby pyrite.	
						Cb	5.00		
VT	171.10	171.81	70.00		4.00	Py	1.00	White quartz veinlets with disseminated pyrite.	
VN	172.68	172.70	80.00			Py	1.00	White-grey quartz vein with disseminated pyrite and weak clay alteration.	
VT	173.72	173.74	70.00			Py	1.00	Smoky-white quartz veinlet with disseminated pyrite.	
VT	175.85	175.87	80.00			Py	1.00	White quartz veinlets with disseminated pyrite.	
VN	176.02	176.80	40.00		2.00	Cb	25.00	Tan massive quartz vein with ventral veinlet of carbonate.	
VN	176.34	176.37	70.00			Py	1.00	White-grey quartz vein with weak hematite staining and disseminated pyrite.	
VN	178.02	178.25	90.00		2.00	Py	2.00	Weakly clay altered smoky quartz vein with disseminated pyrite.	
VN	179.71	179.95	90.00			Py	10.00	Fractured-rubbly white quartz vein with internal smoky quartz veinlets. Hosts blebby pyrite and blebby sphalerite.	
						Sp	5.00		
VN	180.46	180.53	90.00			Py	20.00	Smoky-white quartz vein crosscut by carbonated veinlets, hosting disseminated-blebby pyrite and blebby sphalerite.	
						Cb	15.00		
VN	180.97	181.10	30.00			Py	5.00	White quartz vein with blebby pyrite.	
VT	181.49	181.71	60.00		2.00	Py	1.00	White quartz vein with disseminated pyrite and weak clay alteration.	
VN	183.25	183.51	90.00			Py	20.00	Black breccias. Smoky quartz vein brecciated by white quartz veinlets. Hosts disseminated-blebby pyrite.	
VT	184.00	184.18	30.00			Py	10.00	Central pyrite stringer hosted in white quartz veinlet with tight dark green chlorite envelopes	
						Cl	8.00		
VT	185.08	185.32	90.00		3.00			Smoky quartz veinlets.	
VN	185.52	185.73	90.00			Py	1.00	Black breccias. Brecciated smoky quartz crosscut by carbonated veinlets, with minor vugs. Hosts disseminated pyrite.	
ST	185.78	185.99	35.00		2.00	Py	100.00	Pyrite stringers.	
VN	188.29	188.34	50.00			Py	15.00	White-grey quartz vein with parallel smoky quartz veinlets, with later stage ankerite veinlets. Hosts disseminated-blebby fine-grained pyrite.	
						Ak	10.00		
VT	180.68	188.69	70.00			Py	6.00	White quartz veinlet with blebby pyrite.	
VN	189.46	189.77	25.00		3.00	Py	10.00	White quartz veinlets with blebby pyrite and carbonate-filled discontinuous micro fractures at the borders.	
GO	191.57	192.85	90.00			Py	10.00	Gougey quartz veins, with many pyrite crystals and 2mm clay altered smoky quartz veins.	
VN	192.85	192.93	90.00			Py	25.00	Whit-grey quartz vein with 4 pyrite stringers inside.	
GO	192.93	193.64	70.00			Py	20.00	Gougey phyllic granodiorite with mineralized quartz veins. Pyrite has been concentrated due to rock removal.	
VN	193.39	193.89	50.00		7.00	Py	20.00	Vein zone: Seven thick veins. Veins are generally white-smoky massive quartz, paralleled by 1-3cm thick ankerite veins. All quartz veins host blebby-massive pyrite. Four quartz veins host blebby-massive sphalerite, galena stringers, and disseminated arsenopyrite. Sphalerite is often a very large component of the vein , approximately equalling the quartz proportion. Ankerite blebs are found within massive sphalerite in the centre of the veins. One zone (4cm) is weakly brecciated by ankerite.	
						Ak	15.00		
						Sp	15.00		
						Ga	5.00		
						As	3.00		
ST	193.39	193.50	70.00		4.00	Py	100.00	Pyrite stringers with chlorite at the borders.	
VT	193.83	194.54	80.00			Py	6.00	White quartz veinlets with higher chlorite concentrations at the borders, hosting disseminated-blebby pyrite and blebby sphalerite.	
						Sp	5.00		
VT	197.57	198.07	20.00			Py	10.00	White quartz veinlets bordered by carbonate infilled microfractures and hosts blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Cb	6.00		
VT	198.04	198.14	80.00		6.00	Py	18.00	White quartz veinlets with disseminated-blebby pyrite.	
VT	199.55	199.85	60.00			Py	6.00	White quartz bordered by carbonated filled discontinuous microfractures hosting disseminated pyrite.	
VT	199.98	200.02	60.00			Py	8.00	White quartz hosting blebby pyrite and sphalerite, disseminated arsenopyrite, and bordered by carbonate-filled discontinuous microfractures.	
						Sp	8.00		
						As	1.00		
						Cb	3.00		
VT	200.48	200.50	70.00			Py	3.00	White quartz hosting blebby pyrite and sphalerite, and bordered by carbonate-filled discontinuous microfractures.	
						Sp	1.00		
						Cb	3.00		
VT	201.47	201.51	60.00			Py	8.00	White quartz veinlet with pyrite stringers and disseminated arsenopyrite, with blebby sphalerite.	
						As	2.00		
						Sp	3.00		
VN	201.75	201.83	50.00			Py	15.00	White-grey quartz vein with parallel smoky quartz veinlets and pyrite stringers. Hosts disseminated-blebby pyrite and blebby sphalerite.	
						Sp	3.00		
VN	202.33	202.82	60.00		2.00	Py	20.00	White quartz vein with smoky quartz veinlets and blebby pyrite.	
VN	203.46	203.87	70.00		2.00	Py	15.00	White crustiform quartz with smoky quartz veinlets and blebby-massive pyrite.	
GO	203.96	204.17	80.00			Py	10.00	Gouged phyllic granodiorite crosscut by many pyrite stringers, hosting disseminated pyrite.	
VN	204.21	204.55	90.00		2.00	Py	15.00	Clay altered smoky quartz veins with disseminated-blebby pyrite.	
GO	205.48	205.90	20.00			Py	20.00	Clay gouged white-smoky quartz vein. Some vein fragments are ungouged and show comb textures.	
FT	205.95	211.48	60.00			Py	1.00	Thick faulted zone. Rock has been pulverized to coarse sand size, and includes quartz veins and hematite, crosscut by carbonate veinlets.	
						He	1.00		
GO	212.45	213.00	20.00			Py	3.00	Clay gouged white-smoky quartz vein with disseminated pyrite in phyllic granodiorite.	
VN	216.26	216.32	70.00			Py	3.00	Smoky-white quartz vein brecciated by carbonate veinlets. Hosts disseminated pyrite.	
						Cb	20.00		
FT	213.36	218.47	45.00			Py	1.00	Thick faulted zone where rock has been reduced to coarse sand size grains, including quartz veins and carbonate veins.	
						Cb	3.00		
VN	217.59	217.61	70.00			Py	3.00	White quartz vein crosscut by carbonate veinlets. Hosts disseminated pyrite and galena.	
						Cb	2.00		
						Ga	1.00		
VN	218.47	218.50	70.00			Py	10.00	White quartz vein hosting disseminated-blebby pyrite, blebby sphalerite, and crosscut by carbonate veinlets.	
						Sp	3.00		
						Cb	8.00		
VN	219.01	219.10	70.00			Py	25.00	Thick vein with alternating bands of smoky-white quartz. Weakly-moderately clay altered, with parallel veinlets of calcite and ankerite. Also crosscut by pyrite stringers.	
						Ca	10.00		
						Ak	10.00		
ST	219.23	219.49	45.00		5.00	Py	90.00	Pyrite stringers with chlorite at edges.	
						Cl	10.00		
GO	219.74	219.99	45.00			Py	3.00	Clay gouged phyllic granodiorite with quartz vein hosting blebby-disseminated pyrite and crosscut by carbonate veinlets.	
						Cb	10.00		
VT	220.59	220.61	60.00			Py	30.00	White quartz veinlet with blebby pyrite and blebby honey brown sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	20.00		
VT	221.78	221.79	50.00			Py	5.00	White quartz veinlet with disseminated pyrite.	
VT	222.35	222.47	60.00		4.00	Py	6.00	Patch of phyllic alteration in intense propyllitic envelope. Indistinct white quartz veinlets, carrying disseminated pyrite, blebby sphalerite, disseminated arsenopyrite, and disseminated hematite.	
						Sp	2.00		
						As	1.00		
						He	2.00		
GO	223.89	224.21	35.00			Py	1.00	Gouge in propyllitic granodiorite with white quartz vein hosting disseminated pyrite, weak hematite staining. Chlorite is concentrated within the gouge zone.	
						He	1.00		
GO	224.24	224.46	30.00			Py	1.00	Gouged white quartz vein now carries chlorite from propyllitic granodiorite and disseminated pyrite.	
						Cl	6.00		
GO	228.18	228.52	45.00			Py	5.00	Gouged zone with clay s and fragments of competent rocks. Hosts disseminated pyrite crystals up to 1mm in diameter.	
ST	228.77	229.38	35.00		5.00	Py	100.00	<1mm wide pyrite stringers with tight phyllic envelopes.	
VT	229.14	229.17	45.00			Py	35.00	White-grey crustiform quartz veinlet with a 1.2cm phyllic envelops and hosting blebs of pyrite at its centre.	
VN	229.61	229.74	30.00			Py	1.00	Massive white quartz vein approximately 5cm thick. Crosscut by carbonate veinlets and hosts disseminated fine grained pyrite.	
						Cb	2.00		
VT	231.27	239.49	40.00		21.00	Py	3.00	Many chlorite veinlets at varying lower angles (20-60 degrees) that are approximately 1-4mm thick, hosting disseminated-blebby pyrite at their edges.	
						Cl	80.00		
								EOH	

KLAZA

Hole: DDH-KL-12-78 **Date: July 2, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
21.26	10.3	6.3	866.2	560.6	GRD		PRO	3I			2.697801	2.834424	Moderate propyllitic alteration in granodiorite with patchy potassic.
30.66	9.9	6.3	827.2	523	GRD		PHC	3I	Py	1	2.680429	2.719264	Moderate-strong phyllic overprinting weak-moderate argillic.
							ARG	2I					
55.3	12.2	6.3	1225	941.6	VEN	Vug	OXI	1I	Py	25	3.221108	4.322512	Milky vuggy quartz vein with blebby pyrite and limonite staining.
138.06	10.3	6.3	877.3	584.8	GRD		PHC	3I	Py	1	2.732373	2.999316	Phyllic overprinting argillic alteration with weak propyllitic in granodiorite.
							ARG	2I					
							PRO	1I					
148.56	10.3	6.3	816.9	540.3	GRD		PRO	3I			2.544255	2.953362	Propyllitic overprinting argillic alteration in granodiorite.
							ARG	3I					
168.75	10	6.3	908.2	630.1	GRD		PHC	4I	Py	8	2.91347	3.265732	Phyllic granodiorite and disseminated pyrite crosscut by grey-milky vuggy quartz vein hosting blebby pyrite and sphalerite with parallel carbonate (ankerite) veinlets.
									Sp	2			
									Ak	1			
183	10	6.3	860.2	585.4	GRD		PHC	3I	Cb	1	2.759488	3.130277	Phyllic granodiorite crosscut by carbonate veinlets with <1% disseminated pyrite.
									Py	1			
188.63	9.8	6.3	833.6	523.9	GRD		PHC	2I	Py	2	2.728731	2.691637	Propyllitic alteration overprinting phyllic and argillic in granodiorite cut by grey quartz vein hosting disseminated-blebby pyrite.
							PRO	2I	Cb	2			
							ARG	3I					
200.02	10.1	6.3	914.6	577.5	GRD		PRO	3I	Ep	1	2.904951	2.713142	Propyllitic alteration in granodiorite with silica flooding.
							SIL	3I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
203.01	9.8	6.3	834	521.5	GRD		SIL	3I	Ca	5	2.73004	2.6688	Silica flooded phyllic alteration in granodiorite with crosscutting grey quartz veinlet with blebby pyrite.
							OHC	3I	Py	5			EOH
									He	1			

KLAZA

Hole: DDH-KL-12-78 **Date: July 5, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
28.84	29.84	1.00	1.00	100	M899232	1				
29.84	30.84	1.00	1.00	100	M899233	1				
30.84	33.90	3.06	3.00	98	M899234	1				
33.90	35.48	1.58	1.58	100	M899235	1				
35.48	36.48	1.00	1.00	100	M899236	1				
36.48	39.37	2.89	2.89	100	M899237	1				
39.37	42.04	2.67	2.67	100	M899238	1				
42.04	43.04	1.00	1.00	100	M899239	1				
43.04	44.42	1.38	1.31	94.9	M899240	1				
					M899241	1				Duplicate
44.42	45.46	1.04	1.04	100	M899242	1				
45.46	46.52	1.06	1.03	97.2	M899243	1				
46.52	48.22	1.70	1.65	97.1	M899244	1				
					M899245	1				Klaza STD-1
48.22	49.53	1.31	1.27	96.9	M899246	1				
49.53	50.53	1.00	1.00	100	M899247	1				
50.53	52.40	1.87	1.87	100	M899248	1				
52.40	54.36	1.96	1.93	98.5	M899249	1				
					M899250	1				Blank
54.36	55.77	1.41	1.39	98.6	M899251	1				
55.77	57.27	1.50	1.50	100	M899252	1				
57.27	59.25	1.98	1.89	95.5	M899253	1				
59.25	61.00	1.75	1.75	100	M899254	1				
					M899255	1				Klaza STD-2
61.00	62.00	1.00	1.00	100	M899256	1				
62.00	63.19	1.19	1.19	100	M899257	1				
					M899258	1				Blank
63.19	64.35	1.16	1.05	90.5	M899259	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
64.35	67.11	2.76	2.76	100	M899260	1				
67.11	70.08	2.97	2.91	97.9	M899261	1				
					M899262	1				Coarse reject duplicate
70.08	72.24	2.16	2.10	97.2	M899263	1				
72.24	74.18	1.94	1.88	96.9	M899264	1				
74.18	75.18	1.00	1.00	100	M899265	1				
75.18	76.71	1.53	1.53	100	M899266	1				
76.71	78.03	1.32	1.32	100	M899267	2				
78.03	81.02	2.99	2.83	94.6	M899268	2				
81.02	83.76	2.74	2.56	93.4	M899269	2				
					M899270	2				Coarse reject duplicate
83.76	86.71	2.95	2.95	100	M899271	2				
86.71	88.18	1.47	1.47	100	M899272	2				
88.18	89.22	1.04	1.01	97.1	M899273	2				
89.22	91.58	2.36	2.36	100	M899274	2				
91.58	92.91	1.33	1.05	78.9	M899275	2				
					M899276	2				Duplicate
92.91	94.07	1.16	1.05	90.5	M899277	2				
94.07	95.65	1.58	1.48	93.7	M899278	2				
95.65	97.05	1.40	1.28	91.4	M899279	2				
97.05	98.05	1.00	1.00	100	M899280	2				
98.05	99.83	1.78	1.69	94.9	M899281	2				
99.83	100.93	1.10	1.10	100	M899282	2				
100.93	103.73	2.80	2.80	100	M899283	2				
103.73	106.58	2.85	2.61	91.6	M899284	2				
106.58	108.81	2.23	2.10	94.2	M899285	2				
108.81	110.90	2.09	2.07	99	M899286	2				
110.90	112.73	1.83	1.74	95.1	M899287	2				
					M899288	2				Klaza STD-2
112.73	113.93	1.20	1.19	99.2	M899289	2				
113.93	114.98	1.05	1.02	97.1	M899290	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
114.98	117.42	2.44	2.39	98	M899291	2				
117.42	119.21	1.79	1.77	98.9	M899292	2				
					M899293	2				Blank
119.21	120.43	1.22	1.22	100	M899294	2				
120.43	123.18	2.75	2.75	100	M899295	2				
123.18	125.18	2.00	1.90	95	M899296	2				
					M899297	2				Blank
125.18	127.10	1.92	1.84	95.8	M899298	2				
					M899299	2				Klaza STD-1
127.10	128.46	1.36	1.36	100	M899300	2				
128.46	129.93	1.47	1.42	96.6	M899301	2				
129.93	132.00	2.07	2.04	98.6	M899302	3				
132.00	134.51	2.51	2.37	94.4	M899303	3				
134.51	136.09	1.58	1.48	93.7	M899304	3				
136.09	137.92	1.83	1.82	99.5	M899305	3				
137.92	139.29	1.37	1.27	92.7	M899306	3				
139.29	141.54	2.25	2.25	100	M899307	3				
141.54	143.05	1.51	1.51	100	M899308	3				
143.05	144.05	1.00	1.00	100	M899309	3				
144.05	146.37	2.32	2.32	100	M899310	3				
					M899311	3				Coarse reject duplicate
146.37	147.37	1.00	1.00	100	M899312	3				
147.37	148.87	1.50	1.29	86	M899313	3				
148.87	149.87	1.00	1.00	100	M899314	3				
149.87	151.15	1.28	1.23	96.1	M899315	3				
					M899316	3				Blank
151.15	152.63	1.48	1.48	100	M899317	3				
152.63	153.63	1.00	1.00	100	M899318	3				
153.63	155.11	1.48	1.48	100	M899319	3				
					M899320	3				Klaza STD-2
155.11	156.20	1.09	1.05	96.3	M899321	3				
156.20	157.32	1.12	1.05	93.7	M899322	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
157.32	158.32	1.00	1.00	100	M899323	3				
158.32	159.32	1.00	1.00	100	M899324	3				
					M899325	3				Klaza STD-1
159.32	160.32	1.00	1.00	100	M899326	3				
160.32	163.00	2.68	2.68	100	M899327	3				
163.00	164.06	1.06	1.03	97.2	M899328	3				
164.06	167.02	2.96	2.88	97.3	M899329	3				
167.02	168.38	1.36	1.36	100	M899330	3				
168.38	169.45	1.07	1.00	93.5	M899331	3				
169.45	170.49	1.04	1.00	96.2	M899332	3				
					M899333	3				Duplicate
170.49	171.49	1.00	1.00	100	M899334	3				
					M899335	3				Blank
171.49	172.73	1.24	1.24	100	M899336	3				
172.73	173.77	1.04	1.04	100	M899337	3				
173.77	175.85	2.08	2.08	100	M899338	3				
175.85	177.45	1.60	1.60	100	M899339	4				
177.45	178.60	1.15	1.06	92.2	M899340	4				
178.60	179.64	1.04	1.04	100	M899341	4				
					M899342	4				Duplicate
179.64	180.84	1.20	1.12	93.3	M899343	4				
180.84	181.97	1.13	1.12	99.1	M899344	4				
181.97	183.16	1.19	1.18	99.2	M899345	4				
183.16	184.17	1.01	1.00	99	M899346	4				
			1.00		M899347	4				Blank
184.17	186.00	1.83	1.83	100	M899348	4				
186.00	188.06	2.06	2.00	97.1	M899349	4				
188.06	190.00	1.94	1.79	92.3	M899350	4				
190.00	191.43	1.43	1.43	100	M899351	4				
					M899352	4				Klaza STD-1
191.43	193.45	2.02	2.00	99	M899353	4				
					M899354	4				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
193.45	196.17	2.72	2.17	79.8	M899355	4				
196.17	197.21	1.04	1.04	100	M899356	4				
					M899357	4				Coarse reject duplicate
197.21	198.21	1.00	1.00	100	M899358	4				
198.21	200.33	2.12	2.11	99.5	M899359	4				
200.33	201.35	1.02	1.00	98	M899360	4				
201.35	203.85	2.50	2.50	100	M899361	4				
203.85	205.98	2.13	2.04	95.8	M899362	4				
205.98	208.00	2.02	2.00	99	M899363	4				
208.00	210.00	2.00	2.00	100	M899364	4				
210.00	211.45	1.45	1.40	96.6	M899365	4				
211.45	212.45	1.00	1.00	100	M899366	4				
212.45	213.62	1.17	1.17	100	M899367	4				
213.62	215.00	1.38	1.38	100	M899368	4				
215.00	216.45	1.45	1.40	96.6	M899369	4				
216.45	218.54	2.09	1.59	76.1	M899370	4				
					M899371	4				Klaza STD-1
218.54	220.16	1.62	1.43	88.4	M899372	4				
220.16	221.63	1.47	1.38	93.9	M899373	4				
221.63	223.74	2.11	2.00	94.8	M899374	4				
223.74	224.78	1.04	1.04	100	M899375	1				Batch 1 of DDH-KL-12-80
224.78	225.98	1.20	1.14	95	M899376	1				Batch 1 of DDH-KL-12-81
225.98	227.69	1.71	1.46	85.4	M899377	1				Batch 1 of DDH-KL-12-82
227.69	229.48	1.79	1.79	100	M899378	1				Batch 1 of DDH-KL-12-83
229.48	230.73	1.25	1.16	92.8	M899379	1				Batch 1 of DDH-KL-12-84
230.73	233.02	2.29	2.02	88.2	M899380	1				Batch 1 of DDH-KL-12-85
233.02	235.61	2.59	2.35	90.7	M899381	1				Batch 1 of DDH-KL-12-86
										EOH

KLAZA

Hole: DDH-KL-12-78 Tech Name: Barry Penner Date:

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.22	1.22		0		0					OVB, moss
1.22	4.27	3.05		0		0					OVB
4.27	5.18	0.91	0.52	57	0.00	0		2	4S	3W	
5.18	8.23	3.05	2.97	97	1.36	45		2	5S	2W	
8.23	11.28	3.05	3.01	99	1.58	52		2	5S	3W	
11.28	14.33	3.05	3.00	98	2.06	68		2	5S	2W	
14.33	17.37	3.04	3.04	100	2.33	77		2	5S	2W	
17.37	20.42	3.05	2.94	96	1.91	63		2	5S	2W	
20.42	23.47	3.05	3.05	100	2.16	71		2	5S	2W	
23.47	26.52	3.05	2.94	96	2.24	73		2	5S	2W	
26.52	29.57	3.05	2.98	98	1.61	53		1	1S	2W	rubbly section
29.57	32.61	3.04	2.88	95	2.10	69		2	5S	2W	
32.61	35.66	3.05	3.02	99	2.71	89		2	5S	2W	
35.66	38.71	3.05	3.00	98	2.32	76		2	5S	2W	
38.71	41.76	3.05	3.05	100	2.58	85		2	5S	2W	
41.76	44.81	3.05	2.97	97	2.94	96		2	5S	1W	
44.81	47.85	3.04	3.00	99	2.83	93		2	4S	2W	
47.85	50.90	3.05	2.98	98	1.19	39		1	4S	2W	
50.90	53.95	3.05	2.87	94	0.85	28		1	3S	3W	
53.95	57.00	3.05	3.05	100	1.97	65		2	4S	2W	
57.00	60.05	3.05	2.95	97	0.65	21		2	5S	3W	
60.05	63.09	3.04	2.94	97	1.24	41		2	5S	3W	
63.09	66.14	3.05	3.04	100	2.60	85		2	2S	2W	
66.14	69.19	3.05	3.00	98	2.90	95		2	2S	2W	
69.19	72.24	3.05	2.99	98	2.22	73		2	1S	1W	
72.24	75.29	3.05	3.03	99	1.86	61		1	1S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	2.98	98	1.47	48		1	4S	2W	
78.33	81.38	3.05	2.82	92	1.30	43		2	5S	2W	
81.38	84.43	3.05	3.05	100	2.46	81		2	1S	2W	
84.43	87.48	3.05	2.96	97	2.02	66		2	1S	2W	
87.48	90.53	3.05	2.83	93	1.40	46		1	1S	2W	
90.53	93.57	3.04	3.01	99	2.41	79		2	1S	2W	
93.57	96.62	3.05	2.90	95	2.34	77		1	5S	2W	
96.62	99.67	3.05	2.98	98	1.77	58		1	2S	2W	
99.67	102.72	3.05	3.01	99	0.30	10		1	0S	4W	
102.72	105.77	3.05	3.00	98	2.28	75		2	1S	1W	
105.77	108.81	3.04	2.82	93	1.42	47		1	0S	1W	
108.81	111.86	3.05	3.02	99	0.37	12		2	1S	2W	
111.86	114.91	3.05	2.98	98	1.05	34		1	0S	4W	
114.91	117.96	3.05	3.05	100	0.98	32		1	0S	3W	
117.96	121.01	3.05	3.05	100	0.00	0		1	0S	4W	heavy clay alteration
121.01	124.05	3.04	3.04	100	0.00	0		1	2S	4W	clay altered, super soft
124.05	127.10	3.05	2.80	92	0.15	5		1	1S	3W	fractured, mineralized
127.10	130.15	3.05	3.01	99	1.25	41		2	1S	3W	
130.15	133.20	3.05	2.98	98	1.62	53		1	0S	3W	
133.20	136.25	3.05	2.88	94	1.29	42		1	0S	3W	
136.25	139.29	3.04	2.84	93	0.81	27		1	0S	3W	
139.29	142.34	3.05	3.04	100	1.72	56		1	0S	3W	
142.34	145.39	3.05	3.05	100	2.01	66		2	5S	2W	
145.39	148.44	3.05	2.88	94	1.19	39		1	2S	2W	
148.44	151.49	3.05	2.89	95	1.04	34		1	2S	3W	
151.49	154.53	3.04	3.01	99	2.07	68		2	5S	2W	
154.53	157.57	3.04	2.86	94	0.92	30		2	5S	2W	
157.57	160.63	3.06	3.06	100	1.89	62		2	2S	3W	
160.63	163.68	3.05	2.91	95	2.64	87		2	5S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
163.68	166.73	3.05	2.95	97	2.46	81		2	5S	1W	
166.73	169.77	3.04	3.02	99	2.91	96		2	5S	1W	
169.77	172.82	3.05	3.05	100	3.03	99		2	5S	1W	
172.82	175.87	3.05	3.06	100	2.88	94		2	5S	1W	
175.87	178.92	3.05	3.01	99	2.35	77		1	2S	3W	
178.92	181.97	3.05	2.82	92	1.59	52		2	2S	2W	
181.97	185.01	3.04	2.99	98	1.37	45		2	2S	2W	
185.01	188.06	3.05	3.05	100	1.78	58		1	5S	3W	
188.06	191.11	3.05	2.92	96	1.76	58		2	2S	2W	
191.11	194.16	3.05	3.05	100	1.06	35		1	0S	2W	
194.16	197.21	3.05	3.05	100	0.73	24		1	1S	2W	
197.21	200.25	3.04	2.95	97	1.57	52		2	1S	2W	
200.25	203.30	3.05	3.04	100	2.10	69		1	1S	2W	
203.30	206.35	3.05	2.95	97	0.83	27		1	0S	2W	
206.35	209.40	3.05	3.05	100	0.24	8		1	0S	3W	
209.40	212.45	3.05	3.05	100	0.00	0		1	0S	3W	
212.45	215.49	3.04	3.04	100	0	0		1	0S	3W	
215.49	218.54	3.05	3.05	100	0.00	0		1	0S	3W	
218.54	221.59	3.05	2.82	92	0.98	32		2	4S	2W	
221.59	224.64	3.05	2.88	94	1.21	40		2	4S	2W	
224.64	227.69	3.05	2.94	96	0.71	23		1	4S	2W	
227.69	230.73	3.04	3.04	100	1.22	40		2	4S	3W	
230.73	233.78	3.05	2.78	91	0.81	27		2	3S	2W	
233.78	235.61	1.83	1.56	85	0.77	42		2	3S	2W	EOH

KLAZA

Hole: DDH-KL-12-78 **Tech Name: Barry Penner** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.22	1.22							OVB
1.22	4.27	3.05							OVB, rubble
4.27	5.18	0.91							short recovery, no sets
5.18	8.23	3.05	40.00	0.02	2.00	1.00	2R	3W	
8.23	11.28	3.05							lots of random fractures
11.28	14.33	3.05	65.00	0.52	0.00	1.00	2R	1W	
14.33	17.37	3.04							randomly oriented fractures
17.37	20.42	3.05	50.00	0.10	0.00	1.00	2R	2W	
20.42	23.47	3.05	60.00	0.22	0.00	1.00	2R	2W	
23.47	26.52	3.05	30.00	0.42	0.00	1.00	2R	2W	
26.52	29.57	3.05							random fractures, one along core axis
29.57	32.61	3.04	45.00	0.14	0.00	1.00	2R	2W	
32.61	35.66	3.05	40.00	0.29	0.00	1.00	2R	2W	competent, fewer fractures; but rubble at end of run
35.66	38.71	3.05	45.00	0.06	0.00	1.00	3R	2W	
38.71	41.76	3.05	30.00	0.30	0.00	1.00	2R	1W	
41.76	44.81	3.05	45.00	1.65	0.00	1.00	2R	1W	
44.81	47.85	3.04							competent with random fractures
47.85	50.90	3.05	65.00	0.24	0.00	3.00	3R	3W	vein and sulfide mineralization, lots of fractures
50.90	53.95	3.05							fractured, weathered, vuggy, no sets
53.95	57.00	3.05	60.00	0.09	0.00	1.00	3R	3W	vein
57.00	60.05	3.05	20.00	1.13	5.00	2.00	3R	3W	
60.05	63.09	3.04							fractured, weathered, vuggy, no sets
63.09	66.14	3.05	30.00	0.68	0.00	2.00	3R	2W	
66.14	69.19	3.05	45.00	0.64	2.00	1.00	3R	2W	
69.19	72.24	3.05	60.00	0.50	0.00	1.00	2R	2W	
72.24	75.29	3.05	25.00	0.08	10.00	2.00	3R	3W	
			65.00	0.19	0.00	1.00	2R	2W	
75.29	78.33	3.04	65.00	0.18	0.00	1.00	2R	2W	
78.33	81.38	3.05							rubbly, limonite staining. No sets
81.38	84.43	3.05							competent but no sets; random fractures
84.43	87.48	3.05	30.00	0.06	1.00	1.00	2R	2W	
87.48	90.53	3.05							rubbly and weathered, fractures but no sets
90.53	93.57	3.04	55.00	0.06	70.00	1.00	2R	4W	
93.57	96.62	3.05	40.00	0.20	0.00	1.00	2R	2W	
96.62	99.67	3.05							dyke at end of run, gouge at contacts
99.67	102.72	3.05	50.00	0.10	0.00	2.00	3R	2W	gouge and weathered rubble
102.72	105.77	3.05	30.00	0.24	3.00	2.00	3R	3W	

KLAZA

105.77	108.81	3.04	45.00	0.45	0.00	1.00	2R	1W	
108.81	111.86	3.05	70.00	0.15		2.00	2R	2W	dyke; limonite stained rubble.
111.86	114.91	3.05							No sets, clay altered and rubbly
114.91	117.96	3.05	45.00	0.30	1.00	2.00	3R	3W	
117.96	121.01	3.05							clay altered, gougy run
121.01	124.05	3.04							
124.05	127.10	3.05	50.00	0.30		2.00	3R	2W	run is mostly rubble
127.10	130.15	3.05	45.00	0.11	5.00	2.00	2R	3W	
130.15	133.20	3.05	30.00		20.00	2.00	3R	3W	soft, gougy joint
133.20	136.25	3.05	25.00	0.22	1.00	2.00	3R	2W	
136.25	139.29	3.04	50.00	0.76	6.00	1.00	2R	2W	
139.29	142.34	3.05	60.00		70.00	1.00	2R	4W	gouged joint
			5.00		120.00	2.00	3R	4W	very gouged joint
142.34	145.39	3.05	15.00	1.30	5.00	1.00	1R	3W	
			35.00	0.10	0.00	1.00	2R	2W	
			60.00	0.05	1.00	1.00	2R	2W	
			20.00	0.03	0.00	1.00	3R	2W	
145.39	148.44	3.05	30.00	0.07	3.00	1.00	2R	3W	
148.44	151.49	3.05							gougy, clay altered rubble
151.49	154.53	3.04	65.00	0.08	1.00	2.00	3R	3W	
154.53	157.58	3.05	60.00	0.18	0.00	1.00	3R	1W	
157.58	160.63	3.05	45.00	0.11		2.00	3R	1W	
160.63	163.68	3.05	55.00	0.40	0.00	1.00	3R	2W	
163.68	166.73	3.05	75.00	0.06	0.00	1.00	2R	1W	
166.73	169.77	3.04	55.00	1.39	2.00	1.00	2R	3W	
169.77	172.82	3.05	40.00	1.47	0.00	1.00	2R	1W	
172.82	175.87	3.05	50.00	0.17	0.00	1.00	2R	1W	
175.87	178.92	3.05	60.00	0.37	0.00	1.00	2R	1W	
178.92	181.97	3.05	55.00	0.06	1.00	1.00	2R	2W	
181.97	185.01	3.04							fractures around weak veined areas but no coherent sets
185.01	188.06	3.05	55.00	0.09	2.00	1.00	3R	2W	
188.06	191.11	3.05	40.00	0.31	0.00	1.00	3R	1W	
191.11	194.16	3.05	5.00	0.10	1.00	1.00	3R	2W	run is mineralized (S2-), gouged heavily
			35.00	0.25	1.00	1.00	3R	2W	
194.16	197.21	3.05	20.00	0.75	15.00	1.00	2R	3W	slickenslide on some fracture faces in run
197.21	200.25	3.04	20.00	0.05	0.00	1.00	2R	2W	
200.25	203.30	3.05	70.00	0.08	0.00	1.00	2R	1W	
			45.00	0.10	3.00	1.00	2R	2W	
203.30	206.35	3.05	60.00	0.22	0.00	1.00	3R	2W	rest of run is gouged and rubbly with slickenslide on several fracture faces
206.35	209.40	3.05							rubbly with slickenslide on faces; large shear zone
209.40	212.45	3.05							rubbly with slickenslide on faces; large shear zone
212.45	215.49	3.04							rubbly with slickenslide on faces; large shear zone
215.49	218.54	3.05							rubbly with slickenslide on faces; large shear zone
218.54	221.59	3.05	40.00	0.27	1.00	1.00	2R	2W	
221.59	224.64	3.05	40.00	0.09	0.00	1.00	2R	1W	
224.64	227.69	3.05	65.00	0.20	0.00	1.00	2R	1W	short set, lots of rubble
227.69	230.73	3.04	45.00	0.12	0.00	2.00	2R	1W	

KLAZA

230.73	233.78	3.05	60.00	0.20	0.00	1.00	2R	1W	
233.78	235.06	1.28	35.00	0.20	0.00	1.00	2R	1W	
			60.00	0.22	0.00	2.00	2R	1W	Irregular spacing. EOH

KLAZA

Hole: DDH-KL-12-78 Date: July 2, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00	6.36	
6.00	24.00	
7.00	15.20	
8.00	2.83	
9.00	11.60	
10.00	1.51	
11.00	0.90	
12.00	7.54	
13.00	34.80	
14.00	36.60	
15.00	2.18	
16.00	9.37	
17.00	29.10	
18.00	2.60	
19.00	23.50	
20.00	29.60	
21.00	26.20	
22.00	4.43	
23.00	27.10	
24.00	28.90	
25.00	33.30	
26.00	22.10	
27.00	30.30	
28.00	30.30	
29.00	28.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.99	
31.00	1.52	
32.00	16.40	
33.00	37.10	
34.00	27.80	
35.00	35.60	
36.00	2.97	
37.00	23.00	
38.00	28.60	
39.00	31.30	
40.00	14.90	
41.00	26.60	
42.00	6.45	
43.00	13.70	
44.00	5.29	
45.00	0.36	
46.00	6.92	
47.00	6.35	
48.00	0.23	
49.00	0.10	
50.00	0.58	
51.00	0.55	
52.00	0.20	
53.00	0.75	
54.00	0.15	
55.00	0.06	
56.00	0.20	
57.00	0.28	
58.00	0.36	
59.00	0.38	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.30	
61.00	0.31	
62.00	0.18	
63.00	0.20	
64.00	0.36	
65.00	0.55	
66.00	0.73	
67.00	14.90	
68.00	29.70	
69.00	2.78	
70.00	14.30	
71.00	13.90	
72.00	0.57	
73.00	7.37	
74.00	0.58	
75.00	0.47	
76.00	0.50	
77.00	0.52	
78.00	0.53	
79.00	26.90	
80.00	27.50	
81.00	26.30	
82.00	27.10	
83.00	28.40	
84.00	22.20	
85.00	0.43	
86.00	2.36	
87.00	8.09	
88.00	0.65	
89.00	25.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.40	
91.00	17.20	
92.00	0.63	
93.00	0.48	
94.00	0.36	
95.00	0.20	
96.00	0.33	
97.00	0.36	
98.00	0.30	
99.00	0.10	
100.00	0.13	
101.00	0.23	
102.00	0.13	
103.00	0.21	
104.00	0.33	
105.00	0.23	
106.00	0.21	
107.00	0.20	
108.00	0.16	
109.00	0.20	
110.00	0.21	
111.00	0.40	
112.00	0.31	
113.00	0.42	
114.00	0.52	
115.00	0.36	
116.00	0.38	
117.00	0.25	
118.00	0.28	
119.00	0.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.25	
121.00	0.26	
122.00	0.26	
123.00	0.30	
124.00	0.25	
125.00	1.15	
126.00	0.45	
127.00	0.20	
128.00	0.13	
129.00	0.36	
130.00	0.52	
131.00	0.20	
132.00	0.73	
133.00	0.40	
134.00	0.31	
135.00	0.33	
136.00	2.04	
137.00	0.48	
138.00	0.38	
139.00	0.28	
140.00	0.31	
141.00	0.30	
142.00	0.36	
143.00	0.65	
144.00	0.62	
145.00	13.40	
146.00	6.03	
147.00	0.35	
148.00	4.25	
149.00	0.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.21	
151.00	0.21	
152.00	0.36	
153.00	0.50	
154.00	0.40	
155.00	0.42	
156.00	0.18	
157.00	0.48	
158.00	0.23	
159.00	0.35	
160.00	0.42	
161.00	0.47	
162.00	0.53	
163.00	4.36	
164.00	0.53	
165.00	3.56	
166.00	0.45	
167.00	0.82	
168.00	0.43	
169.00	0.43	
170.00	2.38	
171.00	0.38	
172.00	12.90	
173.00	16.30	
174.00	4.60	
175.00	25.70	
176.00	2.13	
177.00	0.52	
178.00	0.47	
179.00	0.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.25	
181.00	0.40	
182.00	1.81	
183.00	0.28	
184.00	0.36	
185.00	0.31	
186.00	0.30	
187.00	2.20	
188.00	0.82	
189.00	2.36	
190.00	4.13	
191.00	3.96	
192.00	3.32	
193.00	1.15	
194.00	4.82	
195.00	4.35	
196.00	9.47	
197.00	24.30	
198.00	5.60	
199.00	16.60	
200.00	5.15	
201.00	9.25	
202.00	2.10	
203.00	2.30	
204.00	2.18	
205.00	3.52	
206.00	22.50	
207.00	7.19	
208.00	6.55	
209.00	17.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	13.90	
211.00	0.26	
212.00	15.80	
213.00	9.47	
214.00	25.60	
215.00	9.13	
216.00	2.01	
217.00	17.70	
218.00	21.00	
219.00	2.04	
220.00	3.62	
221.00	45.60	
222.00	5.57	
223.00	2.57	
224.00	2.55	
225.00	3.52	
226.00	0.95	
227.00	5.57	
228.00	4.23	
229.00	2.15	
230.00	0.63	
231.00	2.58	
232.00	3.42	
233.00	1.54	
234.00	12.70	
235.00	34.70	EOH

KLAZA

Hole: **DDH-KL-12-78** **Date: July 2, 2012**

Box #	From (m)	To (m)
1	0.00	4.97
2	4.97	8.83
3	8.83	12.55
4	12.55	16.50
5	16.50	20.42
6	20.42	24.20
7	24.20	28.14
8	28.14	31.97
9	31.97	35.89
10	35.89	39.89
11	39.89	43.90
12	43.90	47.96
13	47.96	51.53
14	51.53	55.30
15	55.30	59.25
16	59.25	62.86
17	62.86	66.47
18	66.47	70.43
19	70.43	74.37
20	74.37	78.33
21	78.33	82.47
22	82.47	85.92
23	85.92	89.84
24	89.84	93.83
25	93.83	97.65
26	97.65	101.40
27	101.40	104.87
28	104.87	108.81
29	108.81	112.39

KLAZA

30	112.39	116.00
31	116.00	120.29
32	120.29	124.10
33	124.10	127.35
34	127.35	130.56
35	130.56	134.53
36	134.53	138.17
37	138.17	142.34
38	142.34	146.26
39	146.26	150.07
40	150.07	153.60
41	153.60	157.58
42	157.58	161.19
43	161.19	165.46
44	165.46	169.77
45	169.77	173.77
46	173.77	178.04
47	178.04	182.25
48	182.25	186.10
49	186.10	190.00
50	190.00	193.55
51	193.55	196.65
52	196.65	200.25
53	200.25	204.17
54	204.17	207.29
55	207.29	210.00
56	210.00	213.36
57	213.36	216.53
58	216.53	219.06
59	219.06	222.80
60	222.80	226.84
61	226.84	230.18
62	230.18	233.78
63	233.78	235.61
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382423.62	6890746.9	1322.529	276.15

SECTION:

HOLE: DDH-KL-12-79

CLAIM: YD09216

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: 3.66 (m) in / **out**

Drilling dates: ??

TARGET:

Geology logged by: Derek Walsh

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	74.37	74.37	GRD	Oxidized granodiorite.
74.37	76.05	1.68	GRD	Phyllic envelope around a carbonate sulphide vein.
76.05	78.53	2.48	GRD	Oxidized and partially argillic altered granodiorite.
78.53	78.94	0.41	VEN	Smokey quartz/carbonate/black breccia/sulphide veir
78.94	91.60	12.66	GRD	Oxidized and partially argillic altered granodiorite.
91.60	92.65	1.05	GRD	Moderate phyllic altered granodiorite.
92.65	93.79	1.14	VEN	Smokey quartz vein with abundant sulphides.
93.79	94.20	0.41	GRD	Moderate phyllic altered granodiorite.
94.20	116.17	21.97	GRD	Oxidized and partially argillic altered granodiorite.
116.17	129.40	13.23	GRD	Propyllitic and patchy argillic granodiorite.
129.40	129.79	0.39	VEN	Smokey quartz and carbonate sulphide vein.
129.79	194.2	64.41	GRD	Propyllitic and patchy argillic granodiorite.
194.20	234.45	40.25	FEL	Purple/green quartz feldspar porphyry dyke.
234.45	246.23	11.78	GRD	Silicified propyllitic altered granodiorite.
246.23	249.26	3.03	FEL	Brown and orange quartz feldspar porphyry dyke.
249.26	276.15	26.89	GRD	Alternating patches of propyllitic and argillic alteratio
				EOH

SAMPLES

Numbers: M897523-M897550, M897251-M897353

Total: 131

Batch: 1 to 4

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-79 **Logger Name:** **Derek Walsh** **Date: July 8,2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	116.17	116.17					OVB			GY		2-3I									Casing depth 12'. Unaltered grey granodiorite with weak to moderate oxidation in and around fracture. The interval hosts multiple white carbonate veinlets.
			15.17	15.31	0.14	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green phyllic envelope around a white carbonate and smokey quartz vein.
			15.56	15.94	0.38	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around a quartz carbonate vein hosting disseminated pyrite.
			39.25	40.00	0.75	LKqP	FEL			GN											Green/Tan quartz feldspar porphyry dyke.
										TN											
			40.02	40.40	0.38		BXA			BN		4I									Strongly oxidized breccia of 1cm quartz clasts and pyrite blebs within a fine teal matrix.
			40.40	42.30	1.90	mKgW	GRD	MG		GY		4I	3I								Strongly oxidized and moderately silicified granodiorite
										OR											
			44.38	45.04	0.66	mKgW	GRD	MG		WH		4I		ARG	4I						Strongly oxidized and argillic altered granodiorite.
										OR											
			49.60	52.57	2.97	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite.
			74.37	76.05	1.68	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Moderate to strong phyllic envelope hosting and abundance of white carbonate veinlets and stringers. Envelope is situated around a quartz/carbonate sulphide vein.
			78.00	83.80	5.80	mKgW	GRD	MG		WH				ARG	3-4I						Moderate to strongly argillic altered granodiorite with a weak to moderate phyllic
									LT	GN	PA			PHC	2-4I						
			91.60	94.20	2.60	mKgW	GRD	MG	LT	GN	EN		3I	PHC	3I	1.00					Moderate phyllic altered granodiorite envelope around multiple smokey quartz and sulphide veins. The interval hosts trace amounts of disseminated pyrite. The interval host patches of moderate silicification.
										GY	PA										
			98.09	100.26	2.17	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with patches of moderate propyllitic and
									DK	GN	PA			PRO	3I						
										PK	PA			POT	2I						
			100.70	106.40	5.70	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with moderate haematite staining along fractures.
														HEM	3I						
116.17	194.27	78.10				mKgW	GRD	MG	DK	GN				PRO	2-4I						Weak to moderately propyllitic altered granodiorite. Contains patches of moderate argillic alteration and weak potassic overprint.
														ARG	3I						
			124.35	128.67	4.32	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with patches of propyllitic and potassic alteration.
														PRO	3I						
														POT	2I						
			128.67	128.92	0.25	LKqP	FEL			TN											Tan quartz feldspar porphyry dyke.
			128.92	130.77	1.85	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite.
			133.07	134.18	1.11	mKgW	GRD	MG		GY			4I			1.00					Strongly silicified and moderate to strong propyllitic altered granodiorite which hosts disseminated pyrite and chlorite stringers.
									DK	GN				PRO	3-4I						
			154.00	155.27	1.27	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			161.22	161.32	0.10	LKqP	FEL			TN											Tan and pink quartz feldspar porphyry dyke.
										PK											
			163.87	168.50	4.63	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with patches of moderate argillic alteration with a weak potassic overprint.
										WH	PA			ARG	3I						
										PK	PA			POT	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			168.50	171.00	2.50	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic granodiorite with a weak to moderate potassic overprint.
										PK				POT	2-3I						
			176.60	180.15	3.55	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			180.96	181.13	0.17	LKqP	FEL			TN											Tan and green quartz feldspar porphyry dyke.
										GN											
			190.95	191.22	0.27	mKgW	GRD	MG	DK	GN				PRO	5I			Sp	3.00		Intensely propyllitic altered granodiorite hosting disseminated pyrite.
			192.03	192.69	0.66	LKqP	FEL			PU											Purple and tan quartz feldspar porphyry dyke.
										TN											
194.27	234.45	40.18				LKqP	FEL			GN											Quartz feldspar porphyry dyke that alternates in color from purple to green. Phenocrysts size varies throughout the interval from 1mm-1cm. The dyke is crosscut by white carbonate veinlets.
										PU											
234.45	246.23	11.78				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic and silicified granodiorite with a weak phyllic overprint.
										PK				POT	2I						
										GY			3I								
			238.00	238.56	0.56	LKqP	FEL			GY											Grey quartz feldspar porphyry dyke. Dyke is capped on either end by 2cm of clay gouge.
246.23	249.26	3.03				LKqP	FEL			BN			3-4I								Brown and orange quartz feldspar porphyry dyke that has been moderate to strongly silicified.
										OR											
249.26	251.32	2.06				mKgW	GRD	MG		PK											Altered pink,green and white or white and dark green fine grained granodiorite. Hosts a high abundance of 1mm lathes. The interval hosts an abundance od white clay stringers.
									DK	GN											
										WH											
251.32	276.15	24.83				mKgW	GRD	MG	DK	GN				PRO	2-3I						Alternating patches of weak to moderate propyllitic alteration with moderate argillic alteration containing a weak to moderate potassic overprint and sometimes a weak propyllitic overprint. The interval hosts an abundance of white carbonate veinlets.
										WH				ARG	3I						
										PK				POT	2-3I						
			253.75	254.38	0.63	mKgW	GRD	MG	LT	GN	EN			PHC	4I	<1		Sp	3.00		Strong phyllic envelope around a haematite stained carbonate vein. The interval hosts disseminated pyrite and sphalerite.
			258.17	261.21	3.04	mKgW	GRD	MG	DK	GN				PROI	2-3I						Alternating patches of weak to moderate propyllitic alteration with moderate argillic alteration containing a weak to moderate potassic overprint and sometimes a weak propyllitic overprint. The interval hosts an abundance of white carbonate veinlets and weak to moderate haematite staining which is most abundant around fractures.
										WH				ARG	3I						
										PK				POT	2-3I						
														HEM	2-3I						
			272.00	276.15	4.15	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around a silicified smokey quartz vein zone.
										GY											
	276.15																				EOH

KLAZA

Hole: DDH-KL-12-79 Logger Name: Derek Walsh

Depth (m)		DESCRIPTION
39.25		Sharp contact between oxidized granodiorite and quartz feldspar porphyry dyke.
40.00		Sharp contact between oxidized granodiorite and quartz feldspar porphyry dyke.
192.03		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
192.69		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
194.27		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
234.45		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
238.00		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
238.56		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
246.23		Sharp contact between propyllitic granodiorite and quartz feldspar porphyry dyke.
249.26		Sharp contact between altered pink,green and white fine grained granodiorite and quartz feldspar porphyry
		EOH

KLAZA

Hole: DDH-KL-12-79 **Logger Name:** Derek Walsh **Date:** July 8, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	15.23	15.26	75.00					Adjacent white carbonate and grey quartz veinlets.	
DK	15.61	15.67	50.00					Pink aplite dyke.	
VT	15.80	15.81	65.00			Py	<1	Grey/white quartz/carbonate veinlet hosting trace amounts of disseminated pyrite.	
GO	22.63	22.65						Brown and tan clay gouge.	
DK	22.66	22.70	80.00					Pink aplite dyke.	
DK	24.29	24.32	70.00					Pink aplite dyke.	
DK	25.00	25.10	55.00					Pink aplite dyke.	
GO	40.65	40.80						Brown and orange gouge vein that has been broken up.	
GO	40.88	41.00						Brown and orange gouge vein that has been broken up.	
VT	49.67	49.68	55.00			Sp	40.00	Grey quartz veinlet hosting blebby sphalerite.	
VT	52.43	52.44	50.00			Py	20.00	Grey quartz veinlet hosting blebby pyrite and sphalerite.	
						Sp	15.00		
GO	55.44	55.48						Orange/tan oxidized gouge vein.	
VT	60.69	60.70	75.00			Py	10.00	Grey white quartz carbonate veinlet hosting disseminated pyrite.	
VN	61.88	61.91	55.00			Py	2.00	White carbonate vein hosting grey quartz blabs and its exhibits minor breccia texture.	
VN	62.47	62.50	55.00			Py	<1	Grey quartz and white carbonate vein hosting disseminated pyrite and blebby galena.	
						Gn	5.00		
VT	71.08	71.09	70.00			Py	1.00	Grey and white quartz carbonate veinlet hosting disseminated pyrite and sphalerite.	
						Sp	1.00		
DK	71.58	71.62	65.00					Pink aplite dyke.	
VN	74.97	75.04	85.00			Py	3.00	Vuggy white carbonate, tan chalcedony and grey quartz vein hosting pyrite, arsenopyrite and sphalerite. The majority of the sulphides are concentrated along the edges of the vein with minor amounts disseminated throughout the vein.	
						As	4.00		
						Sp	4.00		
VN	78.53	78.94	80.00			Py	<1	The first 26cm are oxidized and intermixed smokey quartz and carbonate vein with minor haematite staining. The last 15cm are intensely silicified black breccia with minor amounts of haematite staining.	
VN	83.12	83.21	60.00			Py	<1	Smokey quartz and black breccia vein. Brecciation is caused by light tan carbonate stringers. Vein hosts trace amounts of disseminated pyrite.	
VT	92.08	92.09	70.00			Py	10.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite and sphalerite.	
						Sp	4.00		
VN	92.13	92.16	60.00			Py	1.00	Brecciated smokey quartz vein hosting trace amounts of disseminated pyrite.	
GO	92.23	92.55	85.00		3.00	Py	<1	Three clay gouge veins hosting trace amounts of disseminated pyrite. The gouge veins range from 5-6cm in width	
VT	92.61	92.62	85.00			Sp	100.00	Sphalerite veinlet (0.5cm)	
VN	92.65	93.39				Py	1.00	Vein is divided in to three segments. The first 9cm segment is comprised of smokey quartz hosting abundance of pyrite, sphalerite, galena and arsenopyrite. The second segment is a light tan ankerite and light green to white calcite. The calcite has been brecciated the ankerite. The ankerite hosts disseminated pyrite, sphalerite, galena and arsenopyrite. The third 43cm segments brecciated smokey quartz with minor amounts of carbonate veinlets which brecciate the smokey quartz. The first 19cm hosts an abundance of disseminated pyrite, arsenopyrite, galena and sphalerite.	
						Sp	3.00		
						Gn	3.00		
						As	3.00		
VN	93.57	93.79	55.00			Py	10.00	Smokey quartz vein with a few light tan ankerite veinlets. The vein hosts a high abundance of disseminated to blebby arsenopyrite, galena, sphalerite and pyrite. Mineralization is generally oriented with the orientation of the vein. The oriented mineralization occurs in small (<1cm) bands.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						As	25.00		
						Gn	20.00		
						Sp	10.00		
DK	98.09	98.12	60.00					Red aplite dyke.	
GO	99.75	99.93						Broken up grey gouge vein.	
VN	111.39	11.40	85.00					Smokey quartz vein hosting disseminated pyrite.	
VN	126.17	126.60	85.00					Smokey quartz and white carbonate vein that has been minorly brecciated and hosts disseminated pyrite.	
VN	129.40	129.74	60.00					Intensely silicified smokey quartz and white carbonate vein hosting trace amounts of disseminated pyrite. The vein is cross-cut by two 2cm silicified black breccia veins. The carbonate brecciates the smokey quartz and in turn are brecciated by it.	
VN	129.74	129.88			8.00			White carbonate vein zone hosting disseminated pyrite. The vein zone is comprised of veins/veinlets and stringers.	
VN	137.59	137.61	80.00					Light tan carbonate vein hosting blebby sphalerite and disseminated pyrite and galena.	
VN	153.15	153.20	45.00					White and light pink carbonate vein.	
VN	161.33	161.38	85.00					Alternating veinlets and stringers of smokey quartz and white carbonate. Carbonate veinlets are vuggy and the smokey quartz hosts disseminated pyrite and white calcite veins.	
VN	164.54	164.63	40.00					White calcite vein.	
VN	166.47	166.48	75.00					Light tan carbonate vein hosting disseminated pyrite.	
VN	168.09	168.12	50.00					White calcite vein that has brecciated the phyllic granodiorite.	
VN	168.29	168.31	35.00					White calcite vein	
VN	180.91	180.93	50.00					Grey quartz and black sulphide vein hosting disseminated pyrite.	
BX	182.50	182.51	70.00					Black breccia vein hosting disseminated pyrite.	
BX	185.29	185.31	70.00					Black breccia vein.	
DK	185.84	185.86	40.00					Red aplite dyke.	
DK	188.17	188.19	70.00					Red aplite dyke.	
VN	191.15	191.16	60.00			Py	40.00	Grey quartz vein hosting blebby pyrite and sphalerite.	
						Sp	40.00		
GO	216.64	216.70						Green and dark grey gouge vein in quartz feldspar porphyry dyke.	
GO	217.18	217.29						Grey to dark grey gouge vein in quartz feldspar porphyry dyke.	
GO	228.62	228.64						Grey to dark grey gouge vein in quartz feldspar porphyry dyke.	
VN	237.69	237.71	70.00					Black sulphide gouge vein	
VN	245.07	245.09	75.00			Py	3.00	Smokey quartz and white carbonate vein hosting pyrite.	
VT	245.68	245.69	70.00			Py	<1	Smokey quartz and white carbonate veinlet hosting trace amounts of disseminated pyrite.	
VN	245.90	245.93	85.00			Py	<1	Smokey quartz and white carbonate veinlet hosting trace amounts of disseminated pyrite.	
GO	246.00	246.23				Py	<1	Partially to fully gouge altered granodiorite hosting disseminated pyrite.	
BX	253.52	253.54	70.00					Black breccia vein.	
BX	253.82	253.84	80.00			Py	<1	Black breccia vein hosting disseminated pyrite.	
ST	265.86	265.87	65.00			Py	15.00	Grey and white quartz carbonate stringer hosting disseminated pyrite and sphalerite.	
						Sp	2.00		
VT	272.19	272.20	70.00			Py	15.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite.	
ST	272.28	272.29	85.00			Py	50.00	Grey quartz and pyrite stringer.	
VT	272.32	272.33	60.00			Py	30.00	Grey quartz and blebby pyrite veinlet.	
VN	272.46	272.47				Py	3.00	Grey quartz and white carbonate vein hosting disseminated pyrite, sphalerite and galena.	
						Sp	3.00		
						Gn	<1		
VN	272.57	272.62	80.00			Py	<1	Grey quartz vein	

KLAZA

Hole: DDH-KL-12-79 **Date: July 8, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
14.9	10.1	4.1	367.4	230.9	GRD						2.755245	2.691575	Unaltered granodiorite.
39.73	9.8	4.1	356.6	222.3	FEL						2.756117	2.655249	Green/tan quartz feldspar porphyry dyke.
51.05	10	4.1	371.7	233	GRD		PHC	3I			2.815367	2.679885	Moderately phyllic altered granodiorite.
78.81	8.7	4.1	316.5	196	BXA		SIL	4I	Py	<1	2.755477	2.626556	Strongly silicified black breccia and disseminated pyrite.
81.11	10	4.1	351.4	212.8	GRD		ARG	4I			2.661608	2.535354	Strongly argillic altered granodiorite.
99.44	9.8	4.1	374.3	237.7	GRD		PHC	3I			2.892918	2.740117	Moderately phyllic altered and silicified granodiorite with weak to moderate propyllitic overprint.
							PRO	2-3I					
							SIL	3I					
133.3	10.3	4.1	394.2	251.5	GRD		PRO	3I	Py	1	2.898824	2.762439	Strongly silicified and moderately propyllitic granodiorite hosting disseminated pyrite and chlorite stringers.
							SIL	4I					
154.14	10.2	4.1	362.8	219.9	GRD		ARG	3I			2.694074	2.538838	Moderately argillic altered granodiorite with a weak potassic and propyllitic overprint.
							POT	3I					
184.64	10.2	4.1	334.1	192.5	GRD		ARG	3I			2.480954	2.359463	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	2I					
							PRO	2I					
198.52	10.2	4.1	366.4	223.8	FEL						2.720807	2.569425	Green quartz feldspar porphyry dyke.
214.47	10.1	4.1	364	220.3	FEL						2.729747	2.533055	Purple quartz feldspar porphyry dyke with 1mm-1cm phenocrysts
250.7	10.2	4.1	346.7	201.6	GRD						2.574519	2.389387	Green, pink and white granodiorite hosting an abundance of white 1mm laths.
265.04	9.7	4.1	358	220.7	GRD		PRO				2.795463	2.607429	Moderate propyllitic altered granodiorite with a weak potassic overprint.
							POT						
													EOH

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			

KLAZA

Hole: DDH-KL-12-79 **Date: July 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
38.96	39.96	1.00	1.00	100	M897523	1				
39.96	40.96	1.00	1.00	100	M897524	1				
					M897525	1				Blank
40.96	42.06	1.10	1.10	100	M897526	1				
71.12	72.12	1.00	1.00	100	M897527	1				
72.12	74.69	2.57	2.49	96.9	M897528	1				
74.69	75.69	1.00	1.00	100	M897529	1				
75.69	76.89	1.20	1.20	100	M897530	1				
					M897531	1				Duplicate
76.89	78.42	1.53	1.53	100	M897532	1				
78.42	79.89	1.47	0.97	66	M897533	1				
79.89	82.70	2.81	2.81	100	M897534	1				
					M897535	1				Klaza Standard-2
82.70	83.79	1.09	1.00	91.7	M897536	1				
83.79	86.85	3.06	3.00	98	M897537	1				
86.85	88.85	2.00	2.00	100	M897538	1				
					M897541	1				#541 Klaza STD-1 was moved between #538 and #539
88.85	91.56	2.71	2.66	98.2	M897539	1				
91.56	92.65	1.09	1.00	91.7	M897540	1				
92.65	93.77	1.12	1.12	100	M897542	1				
					M897543	1				Blank
93.77	94.77	1.00	1.00	100	M897544	1				
94.77	96.75	1.98	1.93	97.5	M897545	1				
96.75	99.15	2.40	2.20	91.7	M897546	1				
99.15	100.15	1.00	1.00	100	M897547	1				
100.15	103.52	3.37	2.86	84.9	M897548	1				
					M897549	1				Coarse Reject Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
103.52	105.77	2.25	2.20	97.8	M897550	1				
105.77	106.77	1.00	1.00	100	M897251	1				
106.77	109.04	2.27	1.75	77.1	M897252	1				
109.04	110.96	1.92	1.92	100	M897253	1				
110.96	111.96	1.00	1.00	100	M897254	1				
111.96	114.98	3.02	2.95	97.7	M897255	1				
114.98	117.94	2.96	2.83	95.6	M897256	1				
117.94	120.50	2.56	2.45	95.7	M897257	1				
120.50	124.40	3.90	2.91	74.6	M897258	1				Bit Change = Lost Core
124.40	125.58	1.18	1.00	84.7	M897259	2				
125.58	126.58	1.00	1.00	100	M897260	2				
126.58	127.98	1.40	1.40	100	M897261	2				
127.98	128.98	1.00	1.00	100	M897262	2				
128.98	130.25	1.27	1.00	78.7	M897263	2				
					M897264	2				Blank
130.25	131.25	1.00	1.00	100	M897265	2				
131.25	133.08	1.83	1.83	100	M897266	2				
133.08	134.18	1.10	1.10	100	M897267	2				
					M897268	2				Blank
134.18	137.59	3.41	3.39	99.4	M897269	2				
137.59	138.59	1.00	1.00	100	M897270	2				
138.59	141.53	2.94	2.94	100	M897271	2				
141.53	143.70	2.17	2.17	100	M897272	2				Re-drill
					M897273	2				Coarse Reject Duplicate
143.70	145.39	1.69	1.40	82.8	M897274	2				
					M897275	2				Duplicate
145.39	148.44	3.05	3.00	98.4	M897276	2				
148.44	149.81	1.37	1.35	98.5	M897277	2				
149.81	152.80	2.99	2.79	93.3	M897278	2				
152.80	153.93	1.13	1.00	88.5	M897279	2				
					M897280	2				Klaza Standard-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
153.93	155.25	1.32	1.32	100	M897281	2				
155.25	157.68	2.43	2.43	100	M897282	2				
157.68	159.70	2.02	2.02	100	M897283	2				
					M897284	2				Klaza Standard-3
159.70	161.32	1.62	1.62	100	M897285	2				
161.32	162.32	1.00	1.00	100	M897286	2				
162.32	163.33	1.01	1.00	99	M897287	2				
163.33	165.15	1.82	1.82	100	M897288	2				
165.15	166.43	1.28	1.06	82.8	M897289	2				
166.43	167.43	1.00	1.00	100	M897290	2				
167.43	168.54	1.11	1.00	90.1	M897291	2				
168.54	170.93	2.39	2.37	99.2	M897292	2				
170.93	173.18	2.25	1.93	85.8	M897293	2				
173.18	176.00	2.82	2.75	97.5	M897294	2				
176.00	178.72	2.72	2.60	95.6	M897295	3				
178.72	180.76	2.04	2.04	100	M897296	3				
180.76	181.78	1.02	1.00	98	M897297	3				
					M897298	3				Klaza Standard-3
181.78	182.86	1.08	1.08	100	M897299	3				
182.86	186.06	3.20	2.92	91.3	M897300	3				
186.06	187.06	1.00	1.00	100	M897301	3				
					M897302	3				Blank
187.06	188.35	1.29	1.29	100	M897303	3				
188.35	190.35	2.00	1.94	97	M897304	3				
190.35	191.35	1.00	1.00	100	M897305	3				
					M897306	3				Blank
191.35	192.35	1.00	1.00	100	M897307	3				
192.35	194.27	1.92	1.52	79.2	M897308	3				
194.27	196.37	2.10	2.10	100	M897309	3				
196.37	199.42	3.05	3.02	99	M897310	3				
					M897311	3				Coarse Reject Duplicate
199.42	202.67	3.25	2.92	89.8	M897312	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
202.67	205.70	3.03	3.03	100	M897313	3				
205.70	208.60	2.90	2.90	100	M897314	3				
208.60	211.79	3.19	3.02	94.8	M897315	3				
211.79	214.96	3.17	3.00	94.6	M897316	3				
					M897317	3				Duplicate
214.96	218.10	3.14	3.00	95.5	M897318	3				
218.10	221.14	3.04	3.00	98.7	M897319	3				
221.14	224.04	2.90	2.90	100	M897320	3				
224.04	226.97	2.93	2.93	100	M897321	3				
226.97	229.91	2.94	2.94	100	M897322	3				
229.91	232.94	3.03	3.02	99.7	M897323	3				
232.94	234.47	1.53	1.53	100	M897324	3				
234.47	236.98	2.51	2.30	91.6	M897325	3				
236.98	237.98	1.00	1.00	100	M897326	3				
237.98	239.03	1.05	1.05	100	M897327	3				
239.03	241.86	2.83	2.83	100	M897328	3				
					M897329	3				Klaza Standard-3
241.86	244.98	3.12	3.10	99.4	M897330	3				
244.98	246.31	1.33	1.33	100	M897331	4				
					M897332	4				Blank
246.31	249.27	2.96	2.96	100	M897333	4				
					M897334	4				Klaza Standard-2
249.27	251.36	2.09	2.09	100	M897335	4				
251.36	253.39	2.03	2.03	100	M897336	4				
253.39	254.40	1.01	1.00	99	M897337	4				
					M897338	4				Blank
254.40	257.40	3.00	3.00	100	M897339	4				
257.40	258.55	1.15	1.15	100	M897340	4				
258.55	261.21	2.66	2.66	100	M897341	4				
					M897342	4				Coarse Reject Duplicate
261.21	263.55	2.34	2.34	100	M897343	4				
263.55	265.06	1.51	1.51	100	M897344	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M897345	4				Duplicate
265.06	266.06	1.00	1.00	100	M897346	4				
266.06	267.22	1.16	1.11	95.7	M897347	4				
					M897348	4				Klaza Standard-2
267.22	269.40	2.18	2.18	100	M897349	4				
269.40	272.10	2.70	2.70	100	M897350	4				
272.10	273.18	1.08	1.00	92.6	M897351	4				
273.18	274.18	1.00	1.00	100	M897352	4				
274.18	276.15	1.97	1.82	92.4	M897353	4				
										EOH

KLAZA

Hole: DDH-KL-12-79 Tech Name: Barry Penner Date: July 8, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	2.23	43	1.17	23		2	4S	2W	
5.18	8.23	3.05	2.97	97	1.20	39		2	4S	2W	
8.23	11.28	3.05	3.01	99	2.30	75		2	3S	2W	
11.28	14.33	3.05	2.83	93	2.07	68		2	3S	2W	
14.33	17.37	3.04	2.98	98	1.47	48		1	3S	3W	
17.37	20.42	3.05	2.70	89	1.44	47		1	3S	4W	
20.42	23.47	3.05	2.92	96	1.75	57		1	3S	3W	
23.47	26.52	3.05	2.94	96	2.00	66		1	3S	2W	
26.52	29.57	3.05	2.97	97	1.89	62		1	4S	3W	
29.57	32.61	3.04	2.82	93	1.65	54		2	3S	2W	
32.61	35.66	3.05	2.77	91	2.27	74		2	3S	2W	
35.66	38.71	3.05	2.95	97	1.31	43		1	3S	2W	
38.71	41.15	2.44	2.44	100	1.01	41		1	2S	4W	
41.15	44.81	3.66	2.70	74	1.18	32		1	4S	4W	
44.81	47.85	3.04	2.90	95	1.72	57		2	3S	2W	
47.85	50.90	3.05	2.77	91	1.30	43		2	3S	2W	
50.90	53.95	3.05	2.87	94	1.69	55		1	3S	2W	
53.95	57.00	3.05	2.89	95	0.98	32		1	3S	3W	
57.00	60.05	3.05	2.88	94	2.19	72		2	3S	2W	
60.05	63.09	3.04	2.90	95	1.78	59		2	3S	2W	
63.09	66.14	3.05	2.81	92	1.95	64		2	4S	2W	
66.14	69.19	3.05	1.89	62	1.84	60		2	3S	2W	
69.19	72.21	3.02	2.72	90	0.86	28		2	3S	2W	
72.21	75.29	3.08	3.00	97	1.67	54		2	4S	2W	
75.29	78.33	3.04	2.95	97	1.57	52		1	1S	3W	
78.33	81.38	3.05	2.54	83	1.50	49		1	4S	4W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.90	95	2.47	81		2	4S	2W	
84.43	87.48	3.05	2.97	97	2.41	79		2	4S	2W	
87.48	90.53	3.05	2.90	95	2.41	79		2	4S	2W	
90.53	93.47	2.94	2.79	95	1.35	46		2	2S	2W	
93.47	96.62	3.15	2.94	93	1.26	40		2	2S	2W	
96.62	99.67	3.05	2.87	94	1.33	44		2	2S	2W	
99.67	102.72	3.05	2.70	89	0.50	16		1	2S	2W	
102.72	105.77	3.05	2.92	96	1.17	38		2	1S	2W	
105.77	108.81	3.04	2.56	84	0.47	15		1	0S	2W	
108.81	111.86	3.05	3.05	100	1.73	57		2	2S	1W	
111.86	114.91	3.05	2.94	96	2.25	74		2	3S	1W	
114.91	117.96	3.05	2.93	96	1.20	39		2	3S	1W	
117.96	121.01	3.05	2.77	91	1.42	47		2	3S	1W	
121.01	124.05	3.04	2.07	68	0.46	15		2	3S	1W	
124.05	127.10	3.05	2.95	97	1.47	48		2	3S	2W	
127.10	130.15	3.05	2.60	85	1.20	39		2	4S	2W	
130.15	133.20	3.05	2.92	96	1.25	41		2	3S	2W	
133.20	136.25	3.05	2.81	92	1.16	38		2	3S	1W	
136.25	139.29	3.04	2.95	97	0.75	25		2	3S	1W	
139.29	142.34	3.05	2.92	96	1.05	34		2	3S	1W	
142.34	145.39	3.05	2.96	97	1.41	46		2	3S	1W	
145.39	148.44	3.05	2.97	97	1.46	48		2	3S	1W	
148.44	151.49	3.05	2.90	95	1.99	65		2	3S	1W	
151.49	154.53	3.04	2.87	94	2.22	73		2	3S	1W	
154.53	157.58	3.05	2.60	85	2.01	66		2	3S	1W	
157.58	160.63	3.05	3.05	100	2.14	70		2	3S	1W	
160.63	163.68	3.05	2.93	96	1.25	41		2	3S	1W	
163.68	166.73	3.05	2.80	92	1.15	38		2	3S	1W	
166.73	169.77	3.04	2.92	96	1.09	36		2	0S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.70	89	0.46	15		2	0S	1W	
172.82	175.87	3.05	2.89	95	0.93	30		2	0S	1W	
175.87	178.92	3.05	2.20	72	1.34	44		1	2S	2W	
178.92	181.97	3.05	2.95	97	2.05	67		1	2S	2W	
181.97	185.00	3.03	2.76	91	2.05	68		1	2S	2W	
185.00	188.06	3.06	3.00	98	1.80	59		2	2S	2W	
188.06	191.11	3.05	2.93	96	1.72	56		1	4S	2W	
191.11	194.16	3.05	2.94	96	1.24	41		1	1S	3W	
194.16	197.21	3.05	2.91	95	0.94	31		2	4S	2W	
197.21	200.25	3.04	2.95	97	0.93	31		2	2S	3W	
200.25	203.30	3.05	2.90	95	0.50	16		1	2S	3W	
203.30	206.35	3.05	3.03	99	1.58	52		2	2S	2W	
206.35	209.46	3.11	3.07	99	0.97	31		1	2S	2W	
209.46	212.45	2.99	2.90	97	2.26	76		2	2S	2W	
212.45	215.49	3.04	2.86	94	2.27	75		2	2S	2W	
215.49	218.54	3.05	2.89	95	0.47	15		1	0S	1W	
218.54	221.31	2.77	2.77	100	1.51	55		2	2S	1W	
221.31	224.64	3.33	3.07	92	2.25	68		2	2S	1W	
224.64	227.69	3.05	2.96	97	2.04	67		1	2S	1W	
227.69	230.73	3.04	2.86	94	1.64	54		2	2S	1W	
230.73	233.78	3.05	2.95	97	1.23	40		2	2S	1W	
233.78	236.83	3.05	2.75	90	1.39	46		1	3S	2W	
236.83	239.88	3.05	2.84	93	0.76	25		1	3S	1W	
239.88	242.93	3.05	2.94	96	1.86	61		1	3S	1W	
242.93	245.97	3.04	3.01	99	1.92	63		2	3S	2W	
245.97	249.02	3.05	2.76	90	0.90	30		1	0S	2W	
249.02	252.07	3.05	2.99	98	1.98	65		2	0S	2W	
252.07	255.12	3.05	2.93	96	1.90	62		2	2S	2W	
255.12	258.17	3.05	2.99	98	2.02	66		2	3S	2W	
258.17	261.21	3.04	2.39	79	0.00	0		1	0S	4W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	2.95	97	0.30	10		1	0S	3W	
264.26	267.31	3.05	2.92	96	1.32	43		1	3S	2W	
267.31	270.36	3.05	3.05	100	2.00	66		1	3S	2W	
270.36	273.41	3.05	2.93	96	2.20	72		2	3S	2W	
273.41	276.15	2.74	2.59	95	2.26	82		1	0S	2W	EOH

KLAZA

Hole: DDH-KL-12-79 **Tech Name: Barry Penner** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	75.00	0.05	0.00	1.00	2R	1W	
			45.00	0.11	0.00	1.00	2R	2W	
5.18	8.23	3.05							Lots of fractures, no sets.
8.23	11.28	3.05	45.00	0.24	0.00	1.00	2R	1W	
11.28	14.33	3.05	60.00	0.41	0.00	1.00	2R	2W	
14.33	17.37	3.04	30.00	0.22	0.00	2.00	2R	2W	
17.37	20.42	3.05	70.00	0.10	0.00	1.00	2R	2W	
			45.00		180.00	1.00	2R	2W	
20.42	23.47	3.05	45.00	0.05	0.00	1.00	2R	2W	
23.47	26.52	3.05							
26.52	29.57	3.05	25.00	0.09	0.00	1.00	2R	2W	
			50.00	0.11	0.00	1.00	2R	2W	
29.57	32.61	3.04							Competent with random fractures
32.61	35.66	3.05	50.00	0.12	0.00	1.00	2R	2W	
35.66	38.71	3.05	35.00	0.17	0.00	1.00	2R	2W	
38.71	41.15	2.44	30.00	0.10	0.00	1.00	2R	2W	
41.15	44.81	3.66	5.00	0.18	0.00	1.00	2R	2W	
			25.00	0.21	0.00	1.00	3R	2W	
44.81	47.85	3.04	50.00	0.34	0.00	1.00	2R	2W	
47.85	50.90	3.05	25.00	0.11	0.00	1.00	3R	2W	
50.90	53.95	3.05							Random fractures in competent rock.
53.95	57.00	3.05	45.00	0.11	1.00	1.00	3R	2W	
57.00	60.05	3.05	30.00	0.12	0.00	1.00	2R	2W	
			35.00	0.84	0.00	1.00	2R	2W	
60.05	63.09	3.04	75.00	0.45	0.00	1.00	2R	2W	
			60.00	0.32	0.00	1.00	2R	2W	
63.09	66.14	3.05	40.00	0.42	0.00	1.00	2R	2W	
66.14	69.19	3.05	50.00	0.94	0.00	1.00	2R	2W	
69.19	72.24	3.05	50.00	0.23	0.00	1.00	2R	2W	
72.24	75.29	3.05	60.00	0.43	0.00	1.00	2R	2W	
75.29	78.33	3.04	50.00	0.10	0.00	1.00	2R	2W	
			60.00	0.16	0.00	1.00	2R	2W	
			55.00	0.12	0.00	1.00	2R	2W	

KLAZA

78.33	81.38	3.05	50.00	0.31	0.00	1.00	2R	2W	
81.38	84.43	3.05	60.00	0.80	0.00	1.00	2R	2W	
			70.00	1.14	0.00	1.00	2R	2W	
84.43	87.48	3.05	60.00	1.82	0.00	1.00	2R	2W	
87.48	90.53	3.05	60.00	0.72	0.00	1.00	2R	2W	
			70.00	0.08	0.00	1.00	2R	2W	
90.53	93.57	3.04	70.00	0.71	0.00	1.00	2R	2W	
93.57	96.62	3.05	70.00	0.27	0.00	1.00	2R	2W	
			30.00	0.31	0.00	1.00	2R	2W	
96.62	99.67	3.05	70.00	0.73	0.00	1.00	2R	2W	
99.67	102.72	3.05	40.00	0.11	0.00	1.00	2R	2W	
102.72	105.77	3.05	40.00	0.24	0.00	1.00	2R	2W	
105.77	108.81	3.04	60.00	0.14	0.00	1.00	2R	2W	
108.81	111.86	3.05	50.00	0.13	0.00	1.00	2R	1W	
			70.00	0.10	0.00	1.00	2R	1W	
111.86	114.91	3.05	80.00	0.23	0.00	1.00	2R	1W	
			40.00	0.27	2.00	1.00	2R	1W	
114.91	117.96	3.05	60.00	0.20	0.00	1.00	2R	1W	
117.96	121.01	3.05	60.00	0.10	0.00	1.00	2R	1W	
121.01	124.05	3.04							No sets
124.05	127.10	3.05	42.00	2.37	0.00	1.00	2R	1W	
127.10	130.15	3.05			0.00	1.00	2R	1W	
130.15	133.20	3.05	50.00	0.18	0.00	1.00	2R	1W	
133.20	136.25	3.05							No sets
136.25	139.29	3.04	55.00	0.23	0.00	1.00	2R	1W	
139.29	142.36	3.07	55.00	0.75	0.00	1.00	2R	1W	
142.36	145.39	3.03							No sets
145.39	148.44	3.05	50.00	0.12	0.00	1.00	2R	1W	
			65.00	0.05	0.00	1.00	2R	1W	
148.44	151.49	3.05	70.00	0.06	0.00	1.00	2R	1W	
151.49	151.59	0.10	50.00	0.68	0.00	1.00	2R	1W	
151.59	157.58	5.99							No sets
157.58	160.63	3.05							No sets
160.63	163.68	3.05	47.00	1.00	0.00	1.00	2R	1W	
			65.00	0.06	0.00	1.00	2R	1W	
163.68	166.73	3.05	60.00	0.16	0.00	1.00	2R	1W	
166.73	169.73	3.00							No sets
169.73	172.82	3.09	65.00	0.65	0.00	1.00	2R	1W	
172.82	175.87	3.05	45.00	0.06	0.00	1.00	2R	2W	
175.87	178.92	3.05	45.00	0.10	0.00	1.00	2R	2W	
			60.00	0.15	0.00	1.00	2R	2W	
178.92	181.97	3.05	45.00	0.25	0.00	1.00	2R	2W	
			60.00	0.50	0.00	1.00	2R	2W	

KLAZA

181.97	185.01	3.04	40.00	0.30	0.00	1.00	2R	2W	
			65.00	0.20	0.00	1.00	3R	2W	
185.01	188.06	3.05	45.00	0.10	0.00	1.00	2R	2W	
188.06	191.11	3.05	45.00	0.08	0.00	1.00	2R	2W	
191.11	194.16	3.05	45.00	0.20	0.00	1.00	2R	2W	
			70.00	0.15	0.00	3.00	2R	2W	
194.16	197.21	3.05	45.00	0.07	0.00	1.00	2R	2W	
197.21	200.25	3.04	70.00	0.10	0.00	1.00	2R	2W	
			40.00	0.25	0.00	1.00	2R	2W	
200.25	203.30	3.05	40.00	0.07	0.00	1.00	2R	2W	
			60.00	0.10	0.00	1.00	2R	2W	
203.30	206.35	3.05	45.00	0.85	0.00	1.00	2R	2W	
			65.00	0.15	0.00	3.00	3R	2W	
206.35	209.40	3.05	55.00	0.04	0.00	1.00	2R	2W	
209.40	212.45	3.05	45.00	0.40	0.00	1.00	2R	2W	
			90.00	0.05	0.00	1.00	3R	2W	
212.45	215.49	3.04	45.00	0.30	0.00	1.00	2R	2W	
215.49	218.54	3.05	45.00	0.05	0.00	1.00	2R	2W	
218.54	221.59	3.05	75.00	0.09	0.00	1.00	2R	2W	
221.59	224.64	3.05	75.00	0.15	0.00	1.00	3R	2W	
			45.00	0.20	0.00	1.00	2R	2W	
224.64	227.69	3.05	35.00	0.45	1.00	1.00	2R	2W	
			70.00	0.05	0.00	1.00	2R	2W	
227.69	230.73	3.04	70.00	0.04	0.00	1.00	3R	2W	
			45.00	0.10	0.00	1.00	2R	2W	
230.73	233.78	3.05	40.00	0.25	0.00	1.00	2R	2W	
			65.00	0.05	0.00	1.00	3R	2W	
233.78	236.83	3.05	65.00	0.07	4.00	1.00	2R	3W	
			40.00	0.06	0.00	2.00	3R	1W	
236.83	239.88	3.05							
239.88	242.93	3.05	45.00	0.04	0.00	1.00	3R	2W	
242.93	245.97	3.04	25.00	0.12	1.00	2.00	3R	1W	
			65.00	0.04	0.00	1.00	2R	2W	
245.97	249.02	3.05	65.00	0.11	0.00	1.00	3R	1W	
249.02	252.07	3.05	30.00	0.06	0.00	1.00	2R	2W	
252.07	255.12	3.05	40.00	0.25	0.00	1.00	2R	1W	
255.12	258.17	3.05	45.00	0.04	1.00	2.00	2R	3W	
258.17	261.21	3.04	60.00	0.04	0.00	2.00	3R	2W	

KLAZA

261.21	264.26	3.05	50.00	0.06	2.00	1.00	2R	2W	
			45.00	0.08	0.00	2.00	2R	2W	
264.26	267.31	3.05	55.00	0.08	2.00	1.00	2R	2W	
267.31	270.36	3.05	4.00	0.02	0.00	1.00	2R	2W	
270.36	273.41	3.05	45.00	0.05	0.00	2.00	3R	2W	
273.41	276.15	2.74	50.00	0.06	0.00	2.00	2R	2W	EOH

KLAZA

Hole: DDH-KL-12-79 Date: July 8, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	18.30	
2.00	16.80	
3.00	16.50	
4.00	27.20	
5.00	18.40	
6.00	18.80	
7.00	20.80	
8.00	20.50	
9.00	18.60	
10.00	20.60	
11.00	25.60	
12.00	11.30	
13.00	20.50	
14.00	19.60	
15.00	10.90	
16.00	20.10	
17.00	11.10	
18.00	15.70	
19.00	6.23	
20.00	24.20	
21.00	20.60	
22.00	23.70	
23.00	5.28	
24.00	3.99	
25.00	2.07	
26.00	5.00	
27.00	8.91	
28.00	15.60	
29.00	14.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	13.40	
31.00	19.70	
32.00	25.00	
33.00	22.10	
34.00	7.85	
35.00	17.80	
36.00	13.40	
37.00	9.84	
38.00	9.63	
39.00	4.73	
40.00	8.97	
41.00	4.61	
42.00	7.13	
43.00	6.49	
44.00	4.67	
45.00	6.86	
46.00	8.75	
47.00	5.53	
48.00	5.90	
49.00	6.70	
50.00	5.51	
51.00	5.24	
52.00	13.60	
53.00	5.67	
54.00	3.69	
55.00	8.20	
56.00	6.23	
57.00	12.40	
58.00	18.60	
59.00	17.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	11.20	
61.00	9.10	
62.00	8.73	
63.00	12.50	
64.00	8.56	
65.00	22.50	
66.00	10.30	
67.00	19.40	
68.00	19.00	
69.00	7.21	
70.00	5.06	
71.00	3.54	
72.00	3.83	
73.00	3.17	
74.00	3.34	
75.00	3.81	
76.00	2.72	
77.00	6.74	
78.00	5.98	
79.00	4.18	
80.00	4.28	
81.00	3.77	
82.00	4.55	
83.00	6.80	
84.00	3.04	
85.00	15.10	
86.00	10.40	
87.00	9.59	
88.00	13.00	
89.00	16.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	17.40	
91.00	12.70	
92.00	2.27	
93.00	5.96	
94.00	2.89	
95.00	5.47	
96.00	4.12	
97.00	4.89	
98.00	6.33	
99.00	3.71	
100.00	2.70	
101.00	2.95	
102.00	14.90	
103.00	8.81	
104.00	14.00	
105.00	3.81	
106.00	2.87	
107.00	4.24	
108.00	15.00	
109.00	9.40	
110.00	5.90	
111.00	2.19	
112.00	4.81	
113.00	13.20	
114.00	11.00	
115.00	15.30	
116.00	13.60	
117.00	3.60	
118.00	6.49	
119.00	3.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.82	
121.00	3.60	
122.00	1.61	
123.00	2.60	
124.00	2.66	
125.00	3.15	
126.00	2.33	
127.00	6.21	
128.00	0.67	
129.00	0.75	
130.00	2.95	
131.00	2.87	
132.00	3.30	
133.00	0.22	
134.00	2.56	
135.00	1.29	
136.00	1.96	
137.00	2.23	
138.00	2.41	
139.00	1.06	
140.00	1.92	
141.00	1.55	
142.00	1.09	
143.00	7.27	
144.00	2.76	
145.00	1.72	
146.00	4.34	
147.00	8.73	
148.00	15.60	
149.00	13.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	17.40	
151.00	6.49	
152.00	5.43	
153.00	2.80	
154.00	3.89	
155.00	1.04	
156.00	8.11	
157.00	6.90	
158.00	13.90	
159.00	16.20	
160.00	5.59	
161.00	7.58	
162.00	14.70	
163.00	1.09	
164.00	1.45	
165.00	1.27	
166.00	1.78	
167.00	0.98	
168.00	1.94	
169.00	1.04	
170.00	1.06	
171.00	9.10	
172.00	19.60	
173.00	15.30	
174.00	2.09	
175.00	8.99	
176.00	4.46	
177.00	1.20	
178.00	1.12	
179.00	3.99	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.31	
181.00	3.81	
182.00	3.83	
183.00	2.25	
184.00	7.58	
185.00	3.28	
186.00	3.11	
187.00	2.39	
188.00	2.54	
189.00	4.71	
190.00	6.94	
191.00	5.12	
192.00	2.74	
193.00	6.29	
194.00	5.47	
195.00	5.35	
196.00	4.24	
197.00	2.17	
198.00	5.55	
199.00	3.48	
200.00	3.50	
201.00	9.55	
202.00	3.03	
203.00	3.56	
204.00	5.06	
205.00	1.06	
206.00	2.80	
207.00	4.46	
208.00	4.73	
209.00	2.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	1.86	
211.00	2.17	
212.00	2.31	
213.00	3.25	
214.00	3.54	
215.00	4.16	
216.00	2.50	
217.00	2.52	
218.00	3.95	
219.00	3.36	
220.00	3.23	
221.00	1.84	
222.00	6.39	
223.00	2.97	
224.00	1.80	
225.00	3.91	
226.00	4.87	
227.00	3.69	
228.00	4.69	
229.00	2.43	
230.00	4.53	
231.00	1.96	
232.00	3.23	
233.00	3.28	
234.00	5.02	
235.00	2.93	
236.00	3.56	
237.00	4.48	
238.00	3.03	
239.00	3.97	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	2.62	
241.00	3.69	
242.00	3.99	
243.00	4.10	
244.00	5.45	
245.00	5.69	
246.00	4.61	
247.00	2.48	
248.00	2.84	
249.00	2.70	
250.00	4.07	
251.00	3.64	
252.00	5.69	
253.00	19.60	
254.00	2.50	
255.00	4.96	
256.00	5.59	
257.00	12.10	
258.00	19.10	
259.00	17.00	
260.00	6.88	
261.00	5.90	
262.00	1.59	
263.00	8.01	
264.00	2.76	
265.00	4.85	
266.00	1.41	
267.00	2.00	
268.00	3.99	
269.00	6.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	8.30	
271.00	4.16	
272.00	3.11	
273.00	4.22	
274.00	5.86	
275.00	4.81	
276.00	7.54	EOH

KLAZA

Hole: **DDH-KL-12-79** **Date:July 8, 2012**

Box #	From (m)	To (m)
1	0.00	8.29
2	8.29	14.19
3	14.19	19.87
4	19.87	25.68
5	25.68	31.41
6	31.41	37.30
7	37.30	43.05
8	43.05	48.84
9	48.84	54.62
10	54.62	60.31
11	60.31	66.14
12	66.14	71.71
13	71.71	77.11
14	77.11	82.90
15	82.90	88.72
16	88.72	94.38
17	94.38	99.90
18	99.90	105.20
19	105.20	110.42
20	110.42	116.17
21	116.17	121.49
22	121.49	127.86
23	127.86	133.47
24	133.47	139.19
25	139.19	144.68
26	144.68	150.46
27	150.46	156.00
28	156.00	161.49
29	161.49	167.18

KLAZA

30	167.18	172.72
31	172.72	178.35
32	178.35	184.17
33	184.17	189.93
34	189.93	195.59
35	195.59	200.89
36	200.89	206.62
37	206.62	212.45
38	212.45	218.19
39	218.19	223.82
40	223.82	229.24
41	229.24	234.85
42	234.85	240.58
43	240.58	246.27
44	246.27	252.07
45	252.07	257.85
46	257.85	262.47
47	262.47	268.43
48	268.43	274.20
49	274.20	276.15

EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383313.33	6889433.5	1416.138	316.08

ZONE: KLAZA

SECTION:

HOLE: KL-12-80

CLAIM: YC390585

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 3rd - July 7th, 2012

Geology logged by: Xena Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.71	6.71	mKgW	Crumbled, redrilled GRD/OVB?
6.71	36.03	29.32	mKgW	Pervasive oxidation to 12m, oxidation in fractures to 46 m. Goethite in top 14m. Most interval is weak propylitic with minor patches of phyllic altered GRD. Some minor eipidote
36.03	53.34	17.31	mKgW	Unaltered GRD
53.34	73.15	19.81	mKgW	Very weakly propylitic altered GRD with infrequent Cb veinlets. Oxidation in fractures at top of interval.
73.15	117.57	44.42	mKgW	
86.90	95.90	9.00	mKgW	Patchy alteration of moderate propylitic and argillic altered GRD, infrequent milky white Qz/Cb veinlets
117.57	123.27	5.70	LKqP	Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
123.27	131.66	8.39	mKgW	Patchy argillic and phyllic altered GRD, bottom 2m is moderate/strong pyllic altered GRD hosting dark grey, mineralized Qz veins. Disseminated Py
131.66	133.60	1.94	LKqP	Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
133.60	134.10	0.50	mKgW	Light green brecciated GRD, phyllic altered GRD with minor Cb flooded
134.10	135.62	1.52	LKqP	Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
135.62	316.08	180.46	mKgW	Light green brecciated GRD, phyllic altered GRD with minor Cb flooded
159.74	162.85	3.11	mKgW	Moderate phyllic altered GRD with frequent mineralized Qz/Ch veins and pervasive
167.5	182.23	14.73	mKgW	Highly fractured/brecciated, strong pyllic altered GRD with pervasive disseminated Py and crosscut by altered/unaltered mineralized Qz/Ch veins
184.55	185.45	0.90	mKgW	Highly fractured/brecciated, strong pyllic altered GRD with pervasive disseminated Py and crosscut by altered/unaltered mineralized Qz/Ch veins
276.86	298.1	21.24	mKgW	Moderate to strong phyllic altered GRD, hosing frequen mineralized smoky Qz/off white Ch veinlets and white clay matrix, weakly developed faults
				EOH @ 316.08m

SAMPLES

Numbers: M899751- M899694

Total: 194

Batch: 80-1, 80-2, 80-3, 80-4, 80-5, AND 80-6

Date Sent:

Certificate:

COMMENTS

EOH @ 316.08m

KLAZA

Hole: KL-12-80 **Logger Name:** Xena Montague **Date: July**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE
0.00	6.71	6.71				mKgW	GRD	MG	MD	OR		3I						Li	15.00		Crumbled, redrilled GRD/OVB?
6.71	36.03	29.32				mKgW	GRD	MG	MD	GR	GR	3I		PRO	2I			Li	5.00		Pervasive oxidation to 12m, oxidation in fractures to 46 m. Goethite in top 14m. Most interval is weak propylitic with minor patches of phyllic altered GRD. Some minor eipidote
										GY				PHC	2I			Go	2.00		
																		Ep	<1		
			31.50	31.65	0.15	mKgW	GRD	MG	MD	WH	CR			ARG	3I						Friable, moderate to strong argillic altered GRD
										OR					4I						
36.03	53.34	17.31				mKgW	GRD	MG	MD	GY	GR										Unaltered GRD
53.34	73.15	19.81				mKgW	GRD	MG	MD	GT	GR			PRO	2I			Ep	<1		Very weakly propylitic altered GRD with infrequent Cb veinlets. Oxidation in fractures at top of interval.
										GR				OXI	2I						
			57.78	58.62	0.84	mKgW	GRD	MG	LT	GR	EN			PHC	3I	<1					Moderate phyllic altered GRD envelope with disseminated Py close to vein (enveloping a 10cm massive Py and Cp vein)
			68.20	68.45	0.25	mKgW	GRD	MG	LT	GR				ARG	3I	<1					Moderate argillic altered GRD, highly fractured. Trace disseminated Py.
														PHC	2I						
73.15	117.57																				
			73.15	76.50	3.35	mKgW	GRD	MG	LT	GR	EN			PHC	3I			Py			Moderate to strong phyllic altered GRD enveloping an altered, gougy vein area (see secondary structurs)
															4I						
			76.50	78.21	1.71	mKgW	GRD	MG	LT	WH				OXI	3I						Moderate argillic altered GRD with pervasive limonite stained oxidation
										OR				ARG	3I						
			78.21	81.50	3.29	mKgW	GRD	MG													
						mKgW	GRD	MG	LT	GR	EN			PHC	3I	<1					Moderate argillic altered GRD with pervasive limonite stained oxidation
			81.50	82.35	0.85	mKgW	GRD	MG	LT	OR	PA			ARG	3I	<1					Moderate argillic altered GRD with pervasive limonite stained oxidation
										WH				OXI	3I						
			82.35	84.80	2.45	mKgW	GRD	MG	MD	GR				PRO	<1						Weak propylitic altered GRD
										GY											
			84.80	85.90	1.10	mKgW	GRD	MG	LT	WH				ARG	4I						Strong argillic altered GRD with weak potassic overprinting
										PK				POT	2I						
			85.90	86.90	1.00	mKgW	GRD	MG	LT	GR	EN			PHC	3I						Moderate phyllic altered GRD envelope with pervasive (incomplete) oxidation
														OXI	2I						
			86.90	95.90	9.00	mKgW	GRD	MG	MD	GR	PA			PRO	3I						Patchy alteration of moderate propylitic and argillic altered GRD, infrequent milky white Qz/Cb veinlets with Py blebs
									LT	WH				OXI	2I						
										PK											
			95.90	107.27	11.37	mKgW	GRD	MG	MD	GR				PRO	2I			Ep	<1		Weak propylitic altered GRD
										GY											
			107.27	114.45	7.18	mKgW	GRD	MG	LT	GR				ARG	3I			Py			Moderate to strong argilllic altered GRD with infrequent smoky Qz/Ch veins hosting blebby Py
										WH					4I						
			114.45	115.40	0.95	mKgW	GRD	MG	MD	GR				PRO	2I						Weak propylitic altered GRD
										GY											
			115.40	117.57	2.17	mKgW	GRD	MG	LT	GR				PHC	3I			Py			Moderate to strong phyllic altered GRD hosting mineralized Qz veins see secondary structures.
															4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE
117.57	123.27	5.70				LKqP	FEL	FG	LT	TN	NT			CLY	4I						Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
										GR											
123.27	131.66	8.39				mKgW	GRD	MG	MD	GR	PA			PHC	3I	<1					Patchy argillic and phyllic altered GRD, bottom 2m is moderate/strong pyllic altered GRD hosting dark grey, mineralized Qz veins. Disseminated Py present
									LT	GY				ARG	3I						
131.66	133.60	1.94				LKqP	FEL	FG	LT	TN	PO										Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
133.60	134.10	0.50				mKgW	GRD	MG	LT	GR	BX			PHC	3I	1.00		To	1.00		Light green brecciated GRD, phyllic altered GRD with minor Cb flooded
134.10	135.62	1.52				LKqP	FEL				PO										Strong clay altered FEL PO dyke crosscut by multiple netted Cb veinlets, minor brecciated texture
135.62	316.08																				Patchy alteration halos of GRD
			135.62	155.63	20.01	mKgW	GRD	MG	LT	GR				PHC	3I	<1					Moderate strong phyllic altered GRD with infrequent mineralized Qz/C/Cb veins
										GY					4I						
			155.63	159.74	4.11	mKgW	GRD	MG	LT	PK				ARG	3I						Moderate strong argillic alterred GRD, possible weak potassic overprinting
										WH					4I						
			159.74	162.85	3.11	mKgW	GRD	MG	LT	GR				PHC	3I	2.00					Moderate phyllic altered GRD with frequent mineralized Qz/Ch veins and
			162.85	167.50	4.65	mKgW	GRD	MG	LT	PK	PA			ARG		<1					Patchy argillic altered GRD, pink/green patches very friable/crumbly. Minor disseminated Py present
									MD	GR											
			167.50	182.23	14.73	mKgW	GRD	MG	MG	GY	FR			PHC	4I	2.00					Highly fractured/brecciated, strong pyllic altered GRD with pervasive disseminated Py and crosscut by altered/unaltered mineralized Qz/Ch veins
									FG	GR											
			182.23	184.55	2.32	mKgW	GRD	MG	DK	GR	FR			PRO	3I						Fractured dark green propylitic altered GRD with minor argillic alteration overprinting
														ARG	2I						
			184.55	185.45	0.90	mKgW	GRD	MG	LT	GR	FR			PHC	4I	2.00					Highly fractured/brecciated, strong pyllic altered GRD with pervasive disseminated Py and crosscut by altered/unaltered mineralized Qz/Ch veins
										GY											
			185.45	187.07	1.62	mKgW	GRD	MG	LT	PK				ARG	3I						Moderate to strong argillic altered GRD
										WH					4I						
			187.07	189.55	2.48	mKgW	GRD	MG	MD	GR				PRO	3I						Competent, dark green propylitc altered GRD with minor argillic altered overprinting.
										GY				ARG	2I						
			189.55	192.58	3.03	mKgW	GRD	MG	LT	GR	EN			PHC	3I	1.00					Narrow (50cm) phyllic envelopes around mineralized Qz/Ch veins, remainder is moderate to strong argillic altered GRD. Disseminated Py in phyllic envelopes
															4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE
														ARG	4I						
			192.58	196.70	4.12	mKgW	GRD	MG	DK	GR				PRO	4I	2.00		Ep	1.00		Moderate to strong proplylitic altered GRD crosscut by Cl veinlets hosting blebby Py and Ep (in selvages)
															3I						
			196.70	209.96	13.26	mKgW	GRD	MG	LT	GR				PHC	3I	2.00					Moderate to strong phyllicaltered GRD win minor patches of argillic altered GRD. Interval is crosscut by frequent smoky and milky Qz/Ch veins. Pervasive disseminated Py
															4I						
			209.96	214.96	5.00	mKgW	GRD	MG	LT	PK	MO			ARG	3I						Mottled, pink/green moderate argillic altered GRD crosscut by 1/m off white Ch veinlets
										GR											
			214.96	218.95	3.99	mKgW	GRD	MG	MD	GR			3I	PHC	###						Moderate siliceous, pyllic altered GRD hosting frequent siliceous mineralized veins and veinlets
			218.95	238.38	19.43	mKgW	GRD	MG	LT	GR				PHC	4I						Moderate to strong phyllic altered unsilicifeid GRD, hosting infrequent mineralized veins
			238.38	247.40	9.02	mKgW	GRD	MG	DK	GR				PRO	3I			He			Moderate to strong propylitic altered GRD with hematite stained fractures.
										GY					4I						
			247.40	267.31	19.91	mKgW	GRD	MG	LT	GR	FR			PHC	4I	2.00					Fractured, minor faulted phyllic altered GRD crosscut by shallow and frequen clay/gouge, netted veinlets and one mineralized vein 0-10 degreees TCA. Very friable. Pervasive disseminated Py
			267.31	276.86	9.55	mKgW	GRD	MG	MD	GR	MO			PRO	3I	1.00		He	5.00		Moderate to strong propyltic altered GRD with minor mottled hematite staining with some blebs of Py
										RD					4I			Ep	1.00		
			276.86	298.10	21.24	mKgW	GRD	MG	LT	GR	FR			PHC	3I			Py			Moderate to strong phyllic altered GRD, hosing frequen mineralized smoky Qz/off white Ch veinlets and white clay matrix, weakly developed faults
															4I			Se			
			263.10	264.50	1.40	mKgW	GRD	MG	LT	GY			3I								White, translucent Qz accumulation with irregular Py stringers and euhedral disseminated Py
			298.10	300.50	2.40	mKgW	GRD	MG	LT	WH	PA			ARG	3I						Moderate argillic altered GRD
										GR											
			300.50	308.70	8.20	mKgW	GRD	MG	DK	GR				PRO	2I	<1					Weak to moderate propyltic altered GRD with disseminated Py and blebs
															3I						
			308.70	310.60	1.90	mKgW	GRD	MG	LT	GR				ARG	3I	1.00					Moderate argillic altered GRD with a weak phyllic altered overprinting enveloping veins, one breccia vein, see secondary structures.
															4I						
			310.60	313.45	2.85	mKgW	GRD	MG	DK	GR				PRO	4I	3.00		He	5.00		Strong propyltic altered GRD with blebby He, Py and Ep
										RD								Ep	3.00		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE
			313.45	315.23	1.78	mKgW	GRD	MG	LT	RD	PA			ARG	3I			He	15.00		Moderate to strong argillic altered GRD with patchy He staining and in fractures
										GR					###			Ep	1.00		
			315.23	316.08	0.85	mKgW	GRD	MG	MD	GR				PRO	3I	2.00					Moderate propyltitc altered GRD
			316.08	EOH																	EOH @ 316.08m

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	GR=GRANITIC TEXTURE

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		GR=GRANITIC TEXTURE

KLAZA

Hole: KL-12-80 **Logger Name: Xena Montague**

Depth (m)	DESCRIPTION
117.58	75 º sharp contact between GRD (uphole) and FEL PO dyke (downhole). Top 30 cm of FEL has minor shears, infilled with Ch, parallel to contact
123.29	Shallow, undulating contact 0-30º of the FEL PO (uphole) and GRD (downhole)
131.72	75º sharp contact between GRD (uphole) and FEL PO (downhole)
133.60	Crumbled contact, ~75º between FEL PO (uphole) and GRD (downhole)
134.10	60º sharp, very faulted (white breccia) contact. Disseminated Py on GRD side
135.65	75º sharp contact between GRD (uphole) and FEL PO (downhole)
	EOH

KLAZA

Hole: KL-12-80 **Logger Name:** Xena Montague **Date:** July 13, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	8.75	8.76	0.01			1.00	So		Possible vein, scorodite, hematite and limonite staining	
							He			
							Li			
DK	10.80	14.50	3.70	5.00		1.00			1 Aplite dyke, shallow crosscutting weak altered GRD	
VN	17.32	17.33	0.01	85.00		1.00	Py	3.00	Vuggy, white, translucent Qz vein hosting blebby Py	
FT	25.30	26.42	1.12	70.00		1.00	Py	<1	Limonite stained, completely crumbled GRD (argillic altered GRD)	
							Li	5.00		
VN	26.77	26.78	0.01	85.00		1.00	Py	3.00	White, translucent Qz vein hosting blebby Py	
VN	30.92	30.93	0.01	75.00		1.00	Py	3.00	White, translucent Qz vein hosting blebby Py	
VN	33.75	33.76	0.01	80.00		1.00	Py	3.00	White, translucent Qz vein hosting blebby Py	
VN	53.65	53.67	0.02	85.00		1.00	Py	3.00	White, translucent Qz vein hosting blebby Py	
VN	58.18	58.28	0.10	70.00		1.00	Py	85.00	Off white milky Qz vein hosting massive medium grained Py and blebby Cp	
							Cp	4.00		
DK	67.12	67.35	0.23	65.00		1.00	Li	20.00	Pervasively oxidized aplite dyke	
DK	70.30	70.45	0.15	55.00		1.00	Li	10.00	Pervasively oxidized aplite dyke	
VT	73.15	76.50	3.35	80.00		13.00	Py		Frequent Py stringers	
VN	74.13	74.19	0.06	90.00		1.00	Py	25.00	Dark grey, very altered vein with pervasive disseminated Py, possible other sulphides (aphanititc)	
BX	74.48	74.65	0.17	55.00		1.00	Py	2.00	White brecciated, phyllic aletered GRD with disseminated Py	
VN	74.65	74.70	0.05	55.00		1.00	Py	1.00	Vuggy, milky white Qz vein, limonite stained in fractures	
							Li			
VN	80.83	80.94	0.11	65.00		1.00	Py	20.00	Milky white Qz vein hosting blebby Py and Gn± As	
							Gn	10.00		
VN	86.21	86.23	0.02	70.00		1.00	Py	<1	Smoky Qz and Ch veinlets, slight brecciated texutre with trace Py blebs	
FT	89.20	89.24	0.04	60.00		1.00	Py	<1	Faulted argillic altered GRD	
VN	91.07	91.12	0.05	65.00		2.00	Py	2.00	Milky white Qz veins hosting blebby PY	
FT	91.85	92.30	0.45			1.00			Brecciated fault, pervasive oxidation, no visible mineralization	
BX										
FT	92.44	92.46	0.02	65.00		1.00	Py	4.00	Strong oxidized fault, clay altereation, phyllic altered GRD enveloping with disseminated Py	
VN	94.95	95.70	0.75	70.00		4.00	Py	3.00	Four smoky Qz/off white Ch veinlets hosting blebby Py	
VN	98.02	98.10	0.08	55.00		1.00	Py	4.00	Milky white Qz vein hosting blebby Py, Ep and Cl	
							Cl	2.00		
							Ep	1.00		
VT	100.00	102.60	2.60	65.00		7.00	Py	<1	Seven smoky Qz and white Ch veinlets hosting trace Py	
VN	106.15	108.10	1.95	65.00		3.00	Py	5.00	White, milky Qz and off white Ch veins hosting blebby Py	
VN	111.00	111.02	0.02	45.00		1.00	Py		Smoky Qz vein hosting diss Py ± As in a gougy fault	
							As			
VT	113.91	113.96	0.05	55.00		2.00	Ba	1.00	Smoky Qz vein with barite? Crystals. Qz has a pink tinge with blebby Py	
							Py	2.00		
VT	115.70	117.58	1.88	65.00		8.00	Py	5.00	Eight smoky Qz/white veinlets hosting blebby Py± Gn	
							Gn	<1		
BX	119.08	119.27	0.19	70.00		1.00			Clay matrix with FEL PO clasts	
FT										
FT/VT	119.27	123.29	4.02			50.00			Highly faulted, netted veinlets of FEL PO. Veinlets are clay altered FEL PO	
VN	123.40	123.48	0.08	90.00		1.00	Py	5.00	Faulted, mineralized smoky Qz, white Cb vein with blebby Py and Cp	
FT							Cp	2.00		
VN	123.70	123.74	0.04	60.00		1.00			White, tranlucent Qz vein crosscut by Cb veinlet	
VT	123.61	123.62	0.01	55.00		1.00			Dark grey v. fine grained veinlet	
VT	129.20	131.74	2.54	65.00		8.00	Py	4.00	Dark grey/black vein/veinlets, one with brecciated clasts of phyllic altered GRD. Veins are gougy with minor off white Ch, hosting blebby Py and other sulphides (in aphanitic dark grey gouge)	
FT	131.74	135.00	3.26						Faulted FEL and GRD with very frequent netted veinlets (white clay matrix) and rounded clasts of FEL or GRD	
BX										
VN	135.65	136.28	0.63	75.00		1.00	Py	<1	Milky pink/white Ch vein, very broken, trace diss Py	
VN	147.45	147.48	0.03	55.00		1.00	Py	2.00	White, translucent Qz hosting blebby Py	
VN	149.00	149.27	0.27	60.00		1.00	Py	3.00	Two white translucent Qz/milky Qz veins slightly faulted hosting blebby Py	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	150.38	150.40	0.02	30.00					Shallow, dark grey, gougy vein (aphanitic sulphides?) adjacent GRD is clay altered/brecciated	
VN	151.35	151.75	0.40	75.00		1.00	Py	8.00	Complex vein: Top to bottom, top 3cm is massive interstitial Py/Cp/As, most Py. Next 10cm is dark grey, aphanitic Qz/fine grained sulphides with blebby Py. Rest of vein is irregular blebs of milky pink/white Ch and white translucent Qz veins hosting blebby Py and Cp.	
							Cp	5.00		
							As	1.00		
VN	153.60	153.67	0.07	80.00		1.00	Cb		Brecciated vein, angular clasts of white Cb, phyllic altered GRD	
VT	153.70	155.70	2.00	60.00		4.00	Py	3.00	Four mineralized smoky Qz veins	
							Ak	2.00		
VN	154.25	154.29	0.04	70.00		1.00	Py	20.00	Smoky Qz, off white/pink Ch vein hosting blebby Py and Sp. Sp is crystalline and associated with Ch.	
							Sp	1.00		
FT	154.95	155.03	0.08	40.00		1.00	Py	<1	Faulted GRD. Matrix is grey/white/green clay rounded clasts of phyllic altered GRD. Trace diss PY	
BX										
FT	161.08	161.11	0.03	45.00		1.00	Py	<1	Faulted GRD. Matrix is grey/white/green clay rounded clasts of phyllic altered GRD. Trace diss PY	
VN	161.20	161.40	0.20	50.00		2.00	Py	3.00	White translucent Qz hosting blebs of Py	
VN	162.08	162.64	0.56	60.00		5.00	Py	5.00	Five smoky Qz stringers hosting Py	
VN	167.70	167.73	0.03	40.00		1.00	Cb	70.00	Brecciated vein, matrix is white Cb and Ak. Angular clasts of phyllic altered GRD	
							Ak	5.00		
VN	167.83	167.87	0.04	60.00		1.00	Py	<1	Smoky Qz vein crosscut @ 90° by Cb veinlets	
VN	171.12	171.40	0.28	12.00		1.00	Py	1.00	Shallow, dark grey (clay altered) vein	
VN	172.45	172.55	0.10	75.00		1.00	Py	2.00	Aphanitic, siliceous, dark grey vein with rounded clasts of Ch and GRD, diss Py and small blebs of Py	
GO	172.60	172.82	0.22	80.00		1.00	Py	<1	Light grey/green gouge	
FT?	168.00	181.00	13.00						See geology log. Entire interval is brecciated with a green/grey clay matrix	
VN	176.75	176.80	0.05	75.00		1.00			Smoky Qz vein (clasts), no mineralization	
VN	179.11	179.14	0.03	60.00		1.00			Dark grey, smoky Qz vein, no mineralization	
VN	121.38	121.40	0.02	75.00		1.00			Milky Qz vein, no mineralization	
VN	184.65	184.68	0.03	50.00		1.00			White, translucent/milky Qz vein hosting blebby Py	
VN	190.00	190.03	0.03	65.00		1.00	Py		Off whtie Ch and white Cb vein hosting blebby Py	
VT	191.00	192.00	1.00	80.00		2.00	Py	50.00	White, translucent Qz vein hosting interstital blebby Py and honey brown Sp	
							Sp	50.00		
VN	191.19	191.26	0.07	40.00		1.00	Py	30.00	Smoky Qz, white Cb, off white Ak, complex vein hosting (majority) Py blebs in hanging wall	
FT	192.41	192.45	0.04	40.00		1.00			Clay altered fault, no mineralization	
FT	193.57	193.65	0.08	85.00		1.00	Py	<1	Gouge fault, trace disseminated Py	
GO										
VT	194.68	194.69	0.01	50.00		2.00	Cb		Two Cb veinlets, minor blebs of Py	
							Py	1.00		
VN	194.94	197.67	2.73	35.00		1.00	Py	2.00	Translucent white Qz, smoky Qz and white Cb brecciated vein with smoky Qz clasts hosting Py	
VT	198.75	207.50	8.75	60.00		26.00	Py	25.00	Smoky Qz/Ch/Ak veinlets hosting blebby Py ± Sp	
							Sp	10.00		
VN	197.50	197.67	0.17	90.00		1.00	Py	10.00	Complex vein. Smoky Qz, netted crusiform Ch and Cb, vugs, white translucent Qz, Ak matrix breccia hosting blebby Py ±very fine grained Sp ± Gn ±As	
							Sp	<1		
							As	<1		
VN	197.83	197.85	0.02	75.00		1.00	Py	2.00	Crustiform milky Qz/Cb vein hosting blebby Py± Sp	
							Sp	1.00		
VN	201.56	201.58	0.02	90.00		1.00			Complex vein. Smoky Qz, netted crusiform Ch and Cb, vugs, white translucent Qz, Ak matrix breccia hosting blebby Py ±very fine grained Sp ± Gn ±As	
VT	203.30	203.46	0.16			1.00	Py	2.00	Netted smoky Qz with minor Py blebs	
FT	203.46	203.55	0.09	35.00		1.00	Py	<1	Weakly developed fault, white/green clay matrix with rounded phyllic altered GRD clasts	
VN	207.61	207.77	0.16	60.00		1.00	Py	3.00	Siliceous, smoky Qz, brecciated vein with blebs of Py	
VN	207.88	208.10	0.22	65.00		3.00	Py	45.00	White, translucent Qz vein hosting blebby Py and honey brown Sp	
							Sp	5.00		
FT	208.13	208.15	0.02	60.00		1.00			Gougy fault	
VN	208.23	208.27	0.04	60.00		1.00	Py	60.00	Smoky Qz vein, majority is massive Py and blebby honey brown Sp	
							Sp	10.00		
VN	215.15	215.17	0.02	87.00		1.00	Py	40.00	Smoky Qz and off white Ch vein hosting fine grained blebby	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	215.48	215.50	0.02	60.00		1.00			Weak developed fault white, clay breccia matrix with phyllic altered GRD rounded clasts	
VT	216.20	216.80	0.60	85.00		3.00	Py	5.00	Three smoky Qz and minor off white Ch veinlets hosting blebby and disseminated Py ± honey brown Sp	
							Sp	2.00		
VN	217.50	217.55	0.05	90.00		1.00			Dark grey, opaque smoky, siliceous, quartz vein with very fine grained disseminated Py. Minor clasts of Ch in vein crosscut by Cb veinlets	
VT	217.40	218.00	0.60	80.00		3.00	Py	20.00	Py stringers	
VN	217.90	217.92	0.02	80.00		1.00	Py	5.00	White/pink Ch and dark grey, opaque, smoky Qz vein hosting very fine grained Py	
VN	218.06	218.09	0.03	90.00		1.00	Py	60.00	Smoky Qz vein, with massive Py and interstitial honeybrown Sp	
							Sp	5.00		
VT	220.60	220.61	0.01	80.00		1.00	Py	2.00	Smoky Qz stringer with minor blebby Py	
VN	220.65	220.67	0.02	60.00		1.00	Py	7.00	Smoky Qz vein hosting interstitial Py, As and Sp on inner selvages of veins	
							As	5.00		
							Sp	5.00		
VN	222.56	222.58	0.02	60.00		1.00	Py	5.00	White, translucent Qz vein hosting blebby Py and honey brown Sp	
							Sp	5.00		
VT	224.22	224.23	0.01	60.00		1.00	Py	3.00	White, translucent Qz veinlet hosting blebby Py and SP	
							Sp	3.00		
FT	226.96	226.97	0.01	85.00		1.00	Py	2.00	Gougy, clay altered fault with euhedral to disseminated Py	
VN	232.35	232.50	0.15	90.00		1.00	Py	40.00	Siliceous, mineralized, smoky Qz breccia, matrix is very fine grained, sulphide rich smoky Qz, clasts are Py blebs and mineralized phyllic altered GRD. Top 3 cm is massive Py, possible Sp.	x
							Sp	2.00		
VN	232.90	233.63	0.73	5.00		1.00	Py	15.00	Shallow dipping, brecciated, faulted vein hosting Py, dark grey clay gouge present	
FT	233.63	234.00	0.37						Weak developed fault, matrix is white/green clay matrix with phyllic altered GRD	
VN	235.40	235.55	0.15			1.00	Cb		Massive calcite vein, no mineralization	
VN	234.05	234.15	0.10	60.00		1.00	Py	25.00	Faulted vein: smoky Qz and off white Ch with gouged parts (dark grey…As?) and brecciated vein. Fine grained disseminated to massive Py	
							As			
FT	234.15	234.31	0.16	70.00		1.00	Py	3.00	White/green clay altered brecciated weak developed fault enveloped by mineralized veins	
VN	234.31	234.98	0.67	4.00		1.00	Py		Faulted vein: smoky Qz and off white Ch with gouged parts (dark grey…As?) and brecciated vein. Fine grained disseminated to massive Py	
							As?			
VN	238.20	238.21	0.01	20.00		1.00	Ca	99.00	Shallow dipping calcite vein	
FT	247.40	267.00	19.60				Py	5.00	Majority of interval is weak developed fault, matrix is white/green clay and clasts are phyllic altered GRD. Disseminated Py present	
VN	249.95	252.50	2.55	5.00		1.00	Py	10.00	Undulating, Shallow dipping, brecciated, faulted vein hosting Py, dark grey clay gouge present	
							As?			
							Sp?			
VN	253.50	253.58	0.08	60.00		1.00			Very broken, pieces of white/pink Ch and smoky Qz veins visible	
VT	248.00	260.00	12.00	60.00		12.00	Py	5.00	Pyrite stringers	
VN	254.05	254.30	0.25						Possible translucent grey Qz vein? Or Qz accumulation from fault	
VN	255.45	255.55	0.10	90.00		1.00	Py	20.00	Very fine grained, dark grey-opaque sulphide vein	
							As	?		
VN	263.05	263.15	0.10	30.00		1.00	Py	3.00	Dark grey, aphanitic clay-gouge vein with disseminated Py	
VN	264.26	266.00	1.74	75.00		3.00			Three dark grey, gouge veins with very fine to medium grained Py. Angular clasts of white Ch.	
FT	266.45	266.90	0.45	?		1.00			Strong developed fault, all phyllic altered GRD into clay gouge with euhedral to subhedral fine grained Py	
VN	269.15	269.19	0.04	90.00		1.00	Py	65.00	Smoky Qz and off white Ch vein with minor calcite hosting fine grained , massive Py	
FT	278.00	280.60	2.60	15.00					Shallow weak developed faults to breccia texture, white/green clay matrix and phyllic altered GRD wit fractures at 0-30°	
VN	279.40	280.10	0.70	20.00		1.00	Py	5.00	Grey, translucent Qz vein, shallow dipping downhole selvage is gouged GRD containing euhedral sericite. Blebs of fine grained Py present	
							Se	2.00		
VN	281.48	281.65	0.17	75.00		2.00	Py	20.00	Two complex veins, smoky Qz hosting majority of Py, later stage white Ch, slight brecciated texture with clasts of ghost blades (Py replacing Fe-rich mineral). Blebby Py with intersttial Cp	
							Cp	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	280.70	282.00	1.30	70.00		5.00	Py	2.00	Py stringers with off white Ch	
VT	282.25	283.00	0.75	20.00		2.00	Py	<1	Two shallow, milky/translucent Qz veinlets with minor Py	
VT	283.80	284.20	0.40	35.00		4.00	Py	10.00	Four clay altered veinlets, white/green, hosting Py	
FT	285.00	285.60	0.60	75.00		3.00			Three weak developed fault, matrix is clay rich with rounded phyllic altered GRD	
VN	288.00	288.30	0.30	70.00		3.00	Py	2.00	Three vuggy pink/white chalcedony/milky white Qz veins with minor blebs of Py and Sp	
							Sp	<1		
VN	288.65	288.69	0.04	40.00		1.00	Py	25.00	Shallow smoky Qz fracture hosting blebby Py	
VN	288.69	288.70	0.01	75.00		7.00	Py	1.00	Milky white Qz/pink-white Ch veinlets hosting very fine grained Py and Sp	
							Sp	1.00		
VN	290.40	292.55	2.15	15.00		1.00	Py	10.00	Shallow, undulating vein that crosscuts the core 0-30° TCA, series of three veinlets, one is faulted with white/green clay gouge and mineralaizaiton on selvages. One VT is comb grey, translucent Qz with minor off white chalcedony selvage, one bleb of As with Py	
							As	1.00		
							Sp	1.00		
VN	292.30	292.39	0.09	70.00		1.00	Py	2.00	Vuggy, crustiform, white/pink Ch vein with ankerite breccia <1cm vein, minor mineraliztion. Sp/Py veinlet uphole (2cm)	
							Sp	1.00		
VT	293.90	295.00	1.10	70.00		3.00	Py	1.00	Py veinlets in smoky Qz and pink/white Ch	
FT	293.54	293.55	0.01	50.00		1.00			Gouge fault, no mineralization	
VN	296.25	296.35	0.10	80.00		1.00	Py	1.00	Smoky Qz breccia and Ak breccia with clasts of altered GRD, minor blebs of Py	
BX										
VT	296.40	297.50	1.10	75.00		11.00	Py	5.00	Smoky Qz and off white chaldedony veinlets hosting Py	
FT	199.68	199.73	0.05	65.00		1.00	Py	<1	Dark grey and white/green gouge fault. Trace disseminated Py	
BX	309.80	309.94	0.14	90.00		1.00	Py	5.00	Dark grey, siliceous Qz breccia. Matrix is fine grained smoky Qz and sulphides. Clasts are rounded and subangular clasts of argillic altered GRD. Py present as disseminated to blebs	
VN	311.20	311.27	0.07	20.00		1.00	Py	2.00	White, translucent Qz vein hosting blebby Py	
DK	311.70	316.80	5.10	40.00		3.00			Aplite dykes (3) in interval	
VN	312.30	312.45	0.15	20.00		1.00	Py	2.00	White, translucent Qz vein hosting blebby Py	
									EOH	

KLAZA

Hole: KL-12-80 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
18	10	6.3	848.3	529.8	GRD		PRO	2I	Ep	<1	2.721313	2.663422	Weak propylitic altered GRD
20	10.1	6.3	881.2	557.6	GRD		PRO	2I	Cl	10	2.798866	2.723115	Weak propylitic altered GRD crosscut by Cl veinelts
35.7	9.8	6.3	804.4	502.2	GRD		PRO	2I	Ep	3	2.633146	2.661813	Weak propylitic altered GRD crosscut by Cl veinelts, Ep present
47.8	10	6.3	841.6	521.8	GRD						2.69982	2.631645	Unaltered GRD
58.5	10	6.3	898	574.8	GRD		PHC	3I	Py		2.880749	2.778465	Moderate phyllic altered GRD with disseminated to blebby pervasive Py
									Se				
65	10	6.3	839.4	520.7	GRD		PRO	2I			2.692762	2.633825	Weak propyltic altered GRD
76.8	9.9	6.3	747.1	433.7	GRD		ARG	3I			2.420876	2.383854	pervasive oxidation
							OXI	3I					
90	9.9	6.3	773.4	454.8	GRD		ARG	3I			2.506098	2.427495	potassic overprinting
							POT	2I					
98	10.1	6.3	874.1	549.99	GRD		PHC	3I	Py	4	2.776315	2.696924	a 4 cm milky white Qz hosting blebby Py
									He	10			
									Cl	5			
117.9	9.8	6.3	794	486.2	FEL	SH	CLY	3I	Py	<1	2.599103	2.579597	Sheared, FEL PO dyke with vuggy chalcedony blebs in orientation of contact
141.5	9.6	6.3	810.2	506.8	GRD		PHC	3I	Py	3	2.707385	2.670402	Moderate phyllic altered GRD with disseminated Py and Py stringers
147.7	9.9	6.3	806.3	492.2	GRD		PHC	3I	Py	1	2.612706	2.567017	Moderate phyllic altered GRD with disseminated Py
160.8	11.8	6.3	991.5	641.6	GRD		PHC	3I	Py	1	2.695502	2.833667	Moderate phyllic altered GRD with disseminated Py
190.85	10.7	6.3	886	538.5	GRD		PHC	2I			2.656311	2.54964	Weak to moderate phyllic altered GRD
								3I					
192.15	10.4	6.3	875.2	548.3	GRD		PRO	3I	Ep	2	2.699622	2.677271	Moderate propyltic altered GRD
201.5	16.5	6.3	1473.3	955.9	GRD		PHC	4I	Py	10	2.864417	2.847507	two complex veins, 1 smoky Qz hosting Py, one crustiform Ch/Cb/Qz hosting blebby Py
207.8	14.5	6.3	1292.7	838.3	GRD		PHC	4I	Py	12	2.859952	2.84485	White translucent Qz vein hosting belbby Py and Sp, multiple Py stringers
									Sp				
213.6	10.1	6.3	779.4	467.4	GRD		PHC	3I			2.475529	2.498077	Moderate phyllic altered GRD, no mineralization\

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
223	10.1	6.3	823.5	507.2	GRD		PHC	3I			2.6156	2.603541	Moderate phyllic altered GRD, no mineralization\
281.5	12.8	6.3	1152.2	750.6	GRD		PHC	4I	Py	15	2.887666	2.869024	Intense phyllic altered GRD crosscut by a smoky Qz/white Ch vein hosting blebby Py
							VEN		Cp	1			
284.1	19	6.3	1677.7	1117.7	GRD		PHC	3I	Py	1	2.832629	2.995893	Moderate phyllic altered GRD with disseminated Py
295.8	9.3	6.3	800.2	511.8	GRD		PHC	3I	Py	3	2.760226	2.774619	Moderate phyllic altered GRD with disseminated Py
													EOH

KLAZA

Hole: KL-12-80 **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	6.71	6.71		0						no sample
6.71	8.05	1.34	1.15	85.8	M899751	1				
8.05	9.50	1.45	1.35	93.1	M899752	1				
9.50	11.08	1.58	1.12	70.9	M899753	1				
11.08	12.45	1.37	1.37	100	M899754	1				
					M899755	1				KL-STD-3
12.45	14.68	2.23	2.23	100	M899756	1				
14.68	16.10	1.42	1.42	100	M899757	1				
16.10	17.37	1.27	1.27	100	M899758	1				
					M899759	1				BLANK
17.37	20.42	3.05	2.95	96.7	M899760	1				
20.42	22.26	1.84	1.80	97.8	M899761	1				
22.26	23.82	1.56	1.56	100	M899762	1				
23.82	25.30	1.48	1.46	98.6	M899763	1				
					M899764	1				DUPLICATE
25.30	26.68	1.38	1.32	95.7	M899765	1				
26.68	28.72	2.04	2.04	100	M899766	1				
28.72	31.00	2.28	2.28	100	M899767	1				
31.00	32.35	1.35	1.23	91.1	M899768	1				
32.35	34.05	1.70	1.70	100	M899769	1				
34.05	36.03	1.98	1.98	100	M899770	1				
53.35	55.53	2.18	2.18	100	M899771	1				
55.53	57.70	2.17	2.11	97.1	M899772	1				
57.70	58.71	1.01	1.00	99	M899773	1				
58.71	61.66	2.95	2.92	99	M899774	1				
61.66	64.65	2.99	3.00	100	M899775	1				
64.65	66.14	1.49	1.40	94	M899776	1				
					M899777	1				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
66.14	67.80	1.66	1.66	100	M899778	1				
67.80	68.80	1.00	0.86	86	M899779	1				
68.80	71.12	2.32	2.32	100	M899780	1				
71.12	72.97	1.85	1.75	94.6	M899781	1				
72.97	73.97	1.00	1.00	100	M899782	1				
					M899783	1				KL-STD-1
73.97	74.97	1.00	1.00	100	M899784	1				Nice vein
					M899785	1				BLANK
74.97	76.22	1.25	1.25	100	M899786	1				
76.22	79.10	2.88	2.88	100	M899787	2				
79.10	80.58	1.48	1.48	100	M899788	2				
					M899789	2				KL-STD-2
80.58	81.58	1.00	0.97	97	M899790	2				
					M899791	2				BLANK
81.58	84.43	2.85	2.85	100	M899792	2				
84.43	85.90	1.47	1.47	100	M899793	2				
85.90	86.90	1.00	0.85	85	M899794	2				
86.90	89.70	2.80	2.80	100	M899795	2				
89.70	91.04	1.34	1.12	83.6	M899796	2				
					M899797	2				1/4 DUPLICATE
91.04	92.53	1.49	1.49	100	M899798	2				
92.53	94.72	2.19	2.19	100	M899799	2				
94.72	95.87	1.15	1.15	100	M899800	2				
95.87	97.58	1.71	1.60	93.6	M899801	2				
97.58	98.65	1.07	1.07	100	M899802	2				
98.65	101.31	2.66	2.66	100	M899803	2				
101.31	102.48	1.17	1.15	98.3	M899804	2				
102.48	105.10	2.62	2.52	96.2	M899805	2				
105.10	107.40	2.30	2.20	95.7	M899806	2				
107.40	108.40	1.00	0.97	97	M899807	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
108.40	110.85	2.45	2.46	100	M899808	2				
110.85	111.85	1.00	1.00	100	M899809	2				
111.85	113.85	2.00	2.00	100	M899810	2				
					M899811	2				COARSE REJECT DUPLICATE
113.85	115.64	1.79	1.79	100	M899812	2				
115.64	117.58	1.94	1.90	97.9	M899813	2				
					M899814	2				KL-STD-2
117.58	120.30	2.72	2.60	95.6	M899815	2				
120.30	123.25	2.95	2.95	100	M899816	2				
123.25	124.25	1.00	0.95	95	M899817	2				
					M899818	2				BLANK
124.25	126.77	2.52	2.40	95.2	M899819	2				
126.77	129.16	2.39	2.15	90	M899820	2				
129.16	130.55	1.39	1.32	95	M899821	2				
130.55	131.70	1.15	1.15	100	M899822	2				
131.70	133.40	1.70	1.68	98.8	M899823	3				
133.40	134.40	1.00	9.00	900	M899824	3				
134.40	135.60	1.20	1.20	100	M899825	3				
135.60	136.60	1.00	0.98	98	M899826	3				
136.60	138.09	1.49	1.42	95.3	M899827	3				
138.09	140.80	2.71	2.65	97.8	M899828	3				
					M899829	3				COARSE REJECT DUPLICATE
140.80	142.34	1.54	1.54	100	M899830	3				
142.34	144.71	2.37	2.30	97	M899831	3				
					M899832	3				KL-STD-1
144.71	146.71	2.00	1.98	99	M899833	3				
146.71	148.98	2.27	2.25	99.1	M899834	3				
148.98	151.00	2.02	2.02	100	M899835	3				
151.00	152.00	1.00	0.99	99	M899836	3				
					M899837	3				BLANK
152.00	153.75	1.75	1.65	94.3	M899838	3				
153.75	155.65	1.90	1.90	100	M899839	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
155.65	157.80	2.15	2.00	93	M899840	3				
157.80	160.30	2.50	2.50	100	M899841	3				
160.30	161.60	1.30	1.25	96.2	M899842	3				
161.60	162.60	1.00	1.00	100	M899843	3				
162.60	165.20	2.60	2.40	92.3	M899844	3				
					M899845	3				KL-STD-2
165.20	167.55	2.35	2.30	97.9	M899846	3				
167.55	169.77	2.22	2.22	100	M899847	3				
169.77	171.08	1.31	1.30	99.2	M899848	3				
171.08	173.00	1.92	1.90	99	M899849	3				
173.00	174.40	1.40	1.40	100	M899850	3				
174.40	176.40	2.00	1.80	90	M899851	3				
					M899852	3				DUPLICATE
176.40	177.45	1.05	1.05	100	M899853	3				
177.45	179.15	1.70	1.70	100	M899854	3				
					M899855	3				BLANK
179.15	182.30	3.15	2.85	90.5	M899856	3				
182.30	184.60	2.30	2.25	97.8	M899857	3				
184.60	185.60	1.00	1.00	100	M899858	3				
					M899861	4				KL-STD-2
185.60	187.53	1.93	1.93	100	M899859	4				
187.53	189.95	2.42	2.20	90.9	M899860	4				
189.95	191.40	1.45	1.45	100	M899862	4				
					M899863	4				BLANK
191.40	192.55	1.15	1.15	100	M899864	4				
192.55	194.25	1.70	1.70	100	M899865	4				
194.25	195.25	1.00	1.00	100	M899866	4				
195.25	196.95	1.70	1.70	100	M899867	4				
					M899868	4				1/4 DUPLICATE
196.95	197.95	1.00	1.00	100	M899869	4				
197.95	198.95	1.00	1.00	100	M899870	4				
198.95	200.70	1.75	1.75	100	M899871	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
200.70	202.15	1.45	1.45	100	M899872	4				
202.15	203.15	1.00	1.00	100	M899873	4				
203.15	204.20	1.05	1.05	100	M899874	4				
204.20	205.95	1.75	1.70	97.1	M899875	4				
205.95	207.25	1.30	1.30	100	M899876	4				
207.25	208.30	1.05	1.05	100	M899877	4				
208.30	210.00	1.70	1.70	100	M899878	4				
210.00	212.45	2.45	2.45	100	M899879	4				
					M899880	4				KL-STD-1
212.45	215.00	2.55	2.55	100	M899881	4				
215.00	217.13	2.13	2.13	100	M899882	4				
217.13	218.13	1.00	1.00	100	M899883	4				
					M899894	4				BLANK
218.13	219.70	1.57	1.57	100	M899884	4				
219.70	221.05	1.35	1.25	92.6	M899885	4				
221.05	222.55	1.50	1.50	100	M899886	4				
222.55	224.25	1.70	1.70	100	M899887	4				
224.25	227.00	2.75	2.75	100	M899888	4				
227.00	229.52	2.52	2.50	99.2	M899889	4				
					M899890	4				COARSE REJECT DUPLICATE
229.52	231.02	1.50	1.50	100	M899891	4				
231.02	232.22	1.20	1.20	100	M899892	4				
232.22	233.97	1.75	1.75	100	M899893	4				
233.97	235.80	1.83	1.83	100	M899895	5				
235.80	236.95	1.15	1.10	95.7	M899896	5				
236.95	238.05	1.10	1.10	100	M899897	5				
					M899898	5				BLANK
238.05	241.00	2.95	2.95	100	M899899	5				
241.00	244.00	3.00	3.00	100	M899900	5				
244.00	245.50	1.50	1.50	100	M899651	5				
245.50	247.40	1.90	1.90	100	M899652	5				
247.40	249.75	2.35	2.30	97.9	M899653	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
249.75	251.90	2.15	2.15	100	M899654	5				
					M899655	5				BLANK
251.90	253.30	1.40	1.40	100	M899656	5				
253.30	255.00	1.70	1.65	97.1	M899657	5				
255.00	256.00	1.00	1.00	100	M899658	5				
256.00	258.00	2.00	2.00	100	M899659	5				
258.00	259.50	1.50	1.45	96.7	M899660	5				
					M899661	5				KL-STD-2
259.50	261.45	1.95	1.80	92.3	M899662	5				
261.45	262.95	1.50	1.47	98	M899663	5				
262.95	264.70	1.75	1.75	100	M899664	5				
264.70	266.95	2.25	1.75	77.8	M899665	5				
266.95	268.95	2.00	1.95	97.5	M899666	5				
					M899667	5				1/4 DUPLICATE
268.95	269.95	1.00	1.00	100	M899668	5				
269.95	272.87	2.92	2.60	89	M899669	5				
272.87	275.00	2.13	2.13	100	M899670	5				
275.00	276.88	1.88	1.72	91.5	M899671	5				
					M899672	5				KL-STD-2
276.88	279.35	2.47	2.42	98	M899673	5				
279.35	280.85	1.50	1.50	100	M899674	5				
280.85	281.85	1.00	1.00	100	M899675	5				
281.85	284.25	2.40	2.20	91.7	M899676	5				
284.25	285.60	1.35	1.35	100	M899677	5				
					M899678	5				COARSE REJECT DUPLICATE
285.60	288.00	2.40	2.40	100	M899679	5				
288.00	289.25	1.25	1.25	100	M899680	5				
289.25	290.30	1.05	1.05	100	M899681	6				
290.30	292.60	2.30	2.30	100	M899682	6				
292.60	294.60	2.00	1.95	97.5	M899683	6				
					M899684	6				KL-STD-3
294.60	296.20	1.60	1.60	100	M899685	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
296.20	297.55	1.35	1.35	100	M899686	6				
297.55	299.75	2.20	2.20	100	M899687	6				
299.75	302.75	3.00	3.00	100	M899688	6				
					M899689	6				COARSE REJECT DUPLICATE
302.75	305.45	2.70	2.70	100	M899690	6				
305.45	307.65	2.20	2.20	100	M899691	6				
307.65	309.65	2.00	2.00	100	M899692	6				
309.65	310.65	1.00	1.00	100	M899693	6				
310.65	313.45	2.80	2.70	96.4	M899694	6				EOH @ 316.8 m; last sample at 313.45m

KLAZA

Hole: KL-12-80 **Tech Name: Barry Penner** **Date: July**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	6.71	6.71	1.11	17	0.00	0		1		4W	
6.71	8.23	1.52	1.20	79	0.00	0		1		4W	
8.23	11.28	3.05	2.56	84	0.00	0		1		4W	
11.28	14.33	3.05	2.76	90	0.76	25		1	4S	3W	
14.33	17.37	3.04	2.98	98	1.28	42		2	3S	3W	
17.37	20.42	3.05	2.87	94	1.58	52		1	3S	4W	
20.42	23.47	3.05	2.72	89	0.36	12		1	1S	4W	
23.47	26.52	3.05	2.92	96	1.18	39		1	0S	4W	
26.52	29.57	3.05	3.07	101	1.31	43		1	0S	3W	
29.57	32.61	3.04	2.65	87	0.92	30		1	0S	4W	
32.61	35.66	3.05	3.16	104	1.38	45		1	3S	3W	
35.66	38.71	3.05	3.12	102	2.96	97		2	3S	1W	
38.71	41.76	3.05	3.02	99	2.48	81		2	4S	2W	
41.76	44.81	3.05	2.99	98	2.44	80		2	5S	2W	
44.81	47.85	3.04	3.09	102	2.52	83		2	5S	2W	
47.85	50.90	3.05	2.85	93	2.16	71		2	4S	2W	
50.90	53.95	3.05	3.05	100	3.00	98		2	6S	2W	
53.95	57.00	3.05	3.00	98	1.47	48		2	3S	2W	
57.00	60.05	3.05	2.96	97	1.85	61		2	2S	2W	
60.05	63.09	3.04	3.09	102	1.74	57		2	5S	2W	
63.09	66.14	3.05	2.93	96	2.43	80		2	3S	2W	
66.14	69.19	3.05	2.95	97	0.89	29		2	1S	3W	
69.19	72.24	3.05	3.03	99	1.90	62		2	4S	2W	
72.24	75.29	3.05	3.01	99	1.25	41		2	0S	3W	
75.29	78.33	3.04	3.05	100	1.65	54		1	1S	4W	
78.33	81.38	3.05	3.03	99	1.92	63		2	0S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	3.05	100	2.27	74		1	2S	3W	
84.43	87.48	3.05	2.97	97	1.65	54		1	2S	3W	
87.48	90.53	3.05	2.89	95	1.89	62		1	1S	4W	
90.53	93.57	3.04	3.04	100	1.59	52		1	0S	4W	
93.57	96.62	3.05	2.89	95	1.68	55		1	2S	1W	
96.62	99.67	3.05	3.06	100	1.95	64		1	4S	1W	
99.67	102.72	3.05	2.91	95	2.25	74		1	3S	1W	
102.72	105.77	3.05	3.05	100	1.10	36		1	2S	1W	
105.77	108.81	3.04	3.05	100	2.64	87		1	3S	2W	
108.81	111.86	3.05	3.05	100	2.39	78		1	2S	2W	
111.86	114.91	3.05	3.05	100	2.81	92		1	2S	2W	
114.91	117.96	3.05	3.05	100	2.23	73		1	3S	2W	
117.96	121.01	3.05	3.05	100	0.23	8		1	2S	2W	Clay gouged weak porphyry dyke
121.01	124.05	3.04	3.01	99	0.00	0		1	2S	2W	Clay gouged weak porphyry dyke
124.05	127.10	3.05	2.83	93	0.58	19		1	2S	3W	
127.10	130.15	3.05	2.72	89	1.03	34		1	1S	3W	
130.15	133.20	3.05	3.05	100	0.80	26		1	1S	3W	
133.20	136.25	3.05	3.50	115	0.37	12		1	2S	3W	
136.25	139.29	3.04	2.86	94	0.95	31		1	1S	3W	
139.29	142.34	3.05	3.05	100	1.15	38		2	2S	2W	
142.34	145.39	3.05	3.05	100	0.52	17		1	3S	2W	
145.39	148.44	3.05	2.86	94	1.05	34		1	1S	3W	
148.44	151.49	3.05	3.04	100	1.41	46		1	2S	3W	
151.49	154.53	3.04	2.94	97	1.14	38		1	2S	2W	
154.53	157.58	3.05	2.89	95	0.84	28		1	1S	3W	
157.58	160.63	3.05	3.00	98	2.19	72		2	4S	2W	
160.63	163.68	3.05	3.05	100	0.97	32		1	1S	2W	
163.68	166.73	3.05	2.59	85	0.36	12		1	1S	3W	
166.73	169.77	3.04	3.05	100	0.91	30		1	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	3.05	100	0.00	0		1	2S	3W	Gougy and clay altered
172.82	175.87	3.05	2.86	94	0.00	0		1	2S	3W	Gougy and clay altered
175.87	178.92	3.05	3.05	100	0.42	14		1	1S	3W	
178.92	181.97	3.05	2.91	95	0.73	24		1	1S	3W	
181.97	185.01	3.04	2.93	96	0.27	9		2	0S	2W	Rubbly
185.01	188.06	3.05	3.05	100	1.24	41		2	1S	2W	
188.06	191.11	3.05	2.84	93	1.22	40		2	5S	2W	
191.11	194.16	3.05	3.05	100	2.00	66		1	1S	2W	
194.16	197.21	3.05	3.03	99	1.94	64		2	4S	2W	
197.21	200.25	3.04	3.01	99	2.27	75		2	3S	2W	
200.25	203.30	3.05	3.05	100	2.64	87		2	4S	2W	
203.30	206.35	3.05	2.95	97	2.67	88		2	1S	2W	
206.35	209.40	3.05	3.05	100	1.63	53		2	4S	2W	
209.40	212.45	3.05	3.05	100	2.05	67		2	4S	2W	
212.45	215.49	3.04	3.00	99	2.60	86		2	4S	2W	
215.49	218.54	3.05	3.02	99	1.85	61		2	4S	2W	
218.54	221.59	3.05	2.91	95	2.37	78		2	5S	1W	
221.59	224.64	3.05	3.05	100	2.05	67		2	3S	1W	
224.64	227.69	3.05	3.04	100	1.81	59		2	4S	1W	
227.69	230.73	3.04	3.04	100	2.24	74		2	4S	1W	
230.73	233.78	3.05	3.05	100	1.34	44		2	3S	1W	
233.78	236.89	3.11	2.92	94	1.50	48		2	4S	1W	
236.89	239.39	2.50	3.02	121	1.87	75		2	3S	1W	
239.39	242.93	3.54	3.05	86	1.14	32		2	3S	1W	
242.93	245.97	3.04	3.04	100	0.16	5		2	2S	1W	
245.97	249.02	3.05	2.90	95	0.77	25		2	1S	1W	
249.02	252.07	3.05	3.05	100	0.65	21		2	2S	1W	
252.07	255.12	3.05	3.05	100	1.20	39		2	2S	1W	
255.12	258.17	3.05	3.05	100	0.70	23		2	2S	1W	
258.17	261.21	3.04	2.49	82	0.00	0		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	3.01	99	1.10	36		2	1S	1W	
264.26	267.31	3.05	2.60	85	0.27	9		2	1S	1W	
267.31	270.36	3.05	3.00	98	1.58	52		2	3S	1W	
270.36	273.41	3.05	2.05	67	0.76	25		2	3S	1W	
273.41	276.45	3.04	2.95	97	0.54	18		2	3S	1W	
276.45	279.50	3.05	3.05	100	1.89	62		2	3S	1W	
279.50	282.55	3.05	2.93	96	2.13	70		2	3S	1W	
282.55	285.60	3.05	3.02	99	1.26	41		2	2S	1W	
285.60	288.65	3.05	3.05	100	1.75	57		2	3S	1W	
288.65	291.69	3.04	3.05	100	2.00	66		2	4S	1W	
291.69	294.74	3.05	3.50	115	1.21	40		2	3S	1W	
294.74	297.79	3.05	3.05	100	0.97	32		2	3S	1W	
297.79	300.84	3.05	2.96	97	1.87	61		2	4S	1W	
300.84	303.89	3.05	2.97	97	1.89	62		2	3S	1W	
303.89	306.93	3.04	3.01	99	2.14	70		2	3S	1W	
306.93	309.98	3.05	3.05	100	2.45	80		2	3S	1W	
309.98	313.03	3.05	2.91	95	2.48	81		2	3S	1W	
313.03	316.08	3.05	3.00	98	1.89	62		2	3S	1W	EOH

KLAZA

Hole: KL-12-80 **Tech Name:** Barry Penner **Date:** Jul **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	6.71	6.71							Oxidized rubble
6.71	8.23	1.52							Oxidized rubble
8.23	11.28	3.05							Oxidized rubble
11.28	14.33	3.05	50.00	0.04	1.00	2.00	2R	3W	
14.33	17.37	3.04	40.00	0.84	0.00	1.00	2R	2W	
			50.00	0.11	0.00	1.00	2R	2W	
17.37	20.42	3.05							Rubble
20.42	23.47	3.05							Rubble
23.47	26.52	3.05	50.00	0.30	0.00	1.00	2R	2W	
26.52	29.57	3.05	5.00	0.32	0.00	1.00	2R	1W	
29.57	32.61	3.04							Rubble
32.61	35.66	3.05							Rubble
35.66	38.71	3.05	60.00	0.18	0.00	1.00	2R	1W	
38.71	41.76	3.05	75.00	0.05	0.00	1.00	2R	2W	
41.76	44.81	3.05							Randomly oriented fractures
44.81	47.85	3.04	30.00	0.22	0.00	1.00	2R	1W	
47.85	50.90	3.05	52.00	0.52	0.00	1.00	2R	1W	
50.90	53.95	3.05	50.00	0.33	0.00	1.00	2R	1W	
53.95	57.00	3.05	67.00	0.50	0.00	1.00	2R	2W	
57.00	60.05	3.05	60.00	0.65	0.00	1.00	2R	2W	
60.05	63.09	3.04	40.00	2.30	0.00	1.00	2R	1W	
63.09	66.14	3.05	55.00	0.39	0.00	1.00	2R	2W	
66.14	69.19	3.05							
69.19	72.24	3.05	45.00	0.22	0.00	1.00	2R	2W	
72.24	75.29	3.05							Rubbly
75.29	78.33	3.04	60.00	0.70	1.00	1.00	2R	1W	
78.33	81.38	3.05							Rubble
81.38	84.43	3.05	50.00	0.50	0.00	1.00	2R	1W	
84.43	87.48	3.05							Rubble
87.48	90.53	3.05	50.00	0.30	0.00	1.00	2R	1W	
90.53	93.52	2.99							Rubble
93.52	96.62	3.10	57.00	0.61	0.00	1.00	2R	1W	
96.62	99.67	3.05	48.00	0.83	0.00	1.00	2R	1W	
99.67	102.72	3.05	35.00	0.35	0.00	1.00	1R	1W	
			50.00	0.16	0.00	1.00	2R	1W	
102.72	105.77	3.05	60.00	0.20	0.00	1.00	2R	1W	
105.77	108.81	3.04	55.00	0.20	0.00	1.00	3R	1W	
108.81	111.86	3.05	55.00	0.15	1.00	1.00	2R	1W	
111.86	114.91	3.05	45.00	0.30	2.00	2.00	3R	2W	
			60.00	0.10	0.00	1.00	2R	2W	
114.91	117.96	3.05	80.00	0.20	0.00	3.00	3R	2W	
			60.00	0.10	0.00	2.00	2R	2W	

KLAZA

117.96	121.01	3.05	50.00	0.15	2.00	1.00	2R	2W	
121.01	124.05	3.04	60.00	0.15	0.00	3.00	3R	1W	
124.05	127.10	3.05	45.00	0.20	0.00	1.00	2R	1W	
127.10	130.15	3.05							Rubbly, no sets
130.15	133.20	3.05	55.00	0.10	15.00	1.00	2R	3W	Gouge
133.20	136.25	3.05	45.00	0.40	15.00	1.00	2R	3W	
136.25	139.29	3.04							
139.29	142.34	3.05	35.00	0.15	0.00	1.00	3R	2R	
142.34	145.39	3.05							Rubble and gouge
145.39	148.44	3.05	60.00	0.10	5.00	2.00	3R	2W	
148.44	151.49	3.05	45.00	1.30	0.00	1.00	2R	1W	
			60.00	0.30	3.00	3.00	3R	2W	
151.49	154.53	3.04	60.00	0.20	3.00	1.00	2R	2W	
154.53	157.58	3.05	50.00	0.10	0.00	1.00	2R	2W	
157.58	160.63	3.05	45.00	0.15	0.00	1.00	2R	2W	
160.63	163.68	3.05	70.00	0.10	0.00	3.00	2R	2W	
			30.00	1.10	0.00	1.00	2R	2W	
163.68	166.73	3.05							Rubble, no sets
166.73	169.77	3.04	80.00	0.07	8.00	3.00	3R	3W	Gouge
169.77	172.82	3.05	80.00	0.15	10.00	3.00	3R	3W	Gouge
172.82	175.87	3.05							Gouge, no sets
175.87	178.92	3.05							Gouge, no sets
178.92	181.97	3.05	80.00	0.20	7.00	3.00	3R	3W	
181.97	185.01	3.04	45.00	0.30	0.00	1.00	2R	2W	
185.01	188.06	3.05	55.00	0.25	0.00	1.00	3R	2W	
188.06	191.11	3.05	45.00	0.10	0.00	3.00	2R	2W	
191.11	194.16	3.05	45.00	0.30	0.00	1.00	2R	2W	
			65.00	0.10	0.00	1.00	2R	2W	
194.16	197.21	3.05	45.00	0.20	0.00	1.00	2R	2W	
197.21	200.25	3.04	30.00	0.25	0.00	1.00	2R	2W	
			60.00	0.10	0.00	1.00	2R	2W	
200.25	203.30	3.05	60.00	0.40	0.00	1.00	2R	1W	
203.30	206.35	3.05	45.00	0.15	0.00	1.00	2R	1W	
206.35	209.40	3.05	50.00	0.25	0.00	1.00	2R	2W	
			75.00	0.65	0.00	2.00	2R	1W	
209.40	212.45	3.05	35.00	0.17	0.00	1.00	2R	1W	
			65.00	0.27	0.00	2.00	2R	1W	
212.45	215.49	3.04	65.00	0.35	0.00	2.00	2R	1W	
215.49	218.54	3.05	50.00	0.25	0.00	2.00	3R	1W	
218.54	221.59	3.05	65.00	0.15	0.00	2.00	2R	1W	
221.59	224.64	3.05	35.00	0.30	0.00	3.00	2R	1W	
			60.00	0.20	0.00	1.00	2R	1W	
224.64	227.69	3.05	25.00	0.75	0.00	1.00	2R	1W	
			50.00	0.20	0.00	2.00	2R	1W	
227.69	230.73	3.04	60.00	0.25	0.00	2.00	2R	1W	
			20.00	0.12	0.00	1.00	2R	1W	
230.73	233.78	3.05	60.00	0.20	0.00	2.00	2R	1W	
233.78	236.83	3.05	50.00	0.18	0.00	2.00	3R	1W	
236.83	239.88	3.05	60.00	0.20	0.00	2.00	2R	1W	
239.88	242.93	3.05	60.00	0.25	0.00	2.00	2R	1W	
242.93	245.97	3.04	70.00	0.15	0.00	2.00	2R	1W	
245.97	249.02	3.05	30.00	0.30	0.00	1.00	2R	1W	
249.02	252.07	3.05							

KLAZA

252.07	255.12	3.05	50.00	0.20	0.00	3.00	2R	1W	
255.12	258.17	3.05	50.00	0.13	0.00	2.00	3R	1W	
258.17	261.21	3.04	50.00	0.35	0.00	2.00	2R	1W	
261.21	264.26	3.05	40.00	0.53	1.00	1.00	3R	1W	
			70.00	0.19	0.00	2.00	2R	1W	
264.26	267.31	3.05	50.00	0.15	1.00	2.00	2R	1W	
267.31	270.36	3.05	60.00	0.20	0.00	1.00	2R	1W	
270.36	273.41	3.05	40.00	0.25	0.00	1.00	2R	1W	
273.41	276.45	3.04	60.00	0.15	0.00	1.00	2R	1W	
276.45	279.50	3.05	60.00	0.17	0.00	2.00	2R	1W	
279.50	282.55	3.05	55.00	0.10	0.00	2.00	3R	1W	
			70.00	0.13	0.00	2.00	2R	1W	
282.26	285.60	3.35	20.00	0.11	2.00	1.00	2R	1W	
			50.00	0.30	0.00	2.00	2R	1W	
285.60	288.65	3.05	50.00	0.10	0.00	1.00	2R	1W	
			70.00	0.13	0.00	2.00	2R	1W	
288.65	291.69	3.04	40.00	0.25	0.00	1.00	2R	1W	
291.69	294.74	3.05	20.00	0.30	1.00	2.00	2R	1W	
			60.00	0.27	0.00	1.00	2R	1W	
294.74	297.79	3.05	50.00	0.50	1.00	1.00	2R	1W	
			75.00	0.60	0.00	1.00	2R	1W	
297.79	300.84	3.05	40.00	0.70	0.00	1.00	2R	1W	
300.84	303.89	3.05	65.00	0.90	0.00	1.00	2R	1W	
			50.00	0.20	0.00	2.00	2R	1W	
303.89	306.93	3.04	40.00	0.40	0.00	2.00	3R	1W	
			80.00	0.45	0.00	1.00	2R	1W	
306.93	309.98	3.05	75.00	0.60	0.00	1.00	2R	1W	
			40.00	0.45	0.00	2.00	2R	1W	
309.98	313.03	3.05	65.00	0.25	0.00	1.00	2R	1W	
			30.00	1.00	1.00	1.00	2R	1W	
313.03	316.08	3.05	45.00	0.60	0.00	1.00	2R	1W	
									EOH

KLAZA

Hole: KL-12-80 **Date: July 7, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		OVB
3.00		OVB
4.00		OVB
5.00		OVB
6.00		OVB
7.00		OVB
8.00	0.50	
9.00	22.00	
10.00	15.60	
11.00	1.84	
12.00	0.63	
13.00	0.86	
14.00	1.14	
15.00	0.94	
16.00	7.92	
17.00	7.42	
18.00	19.50	
19.00	38.10	
20.00	40.40	
21.00	31.40	
22.00	1.74	
23.00	0.97	
24.00	2.82	
25.00	19.90	
26.00	5.82	
27.00	24.90	
28.00	3.86	
29.00	12.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	2.06	
31.00	15.60	
32.00	13.20	
33.00	6.11	
34.00	34.00	
35.00	3.76	
36.00	5.44	
37.00	18.80	
38.00	12.70	
39.00	29.40	
40.00	26.90	
41.00	21.00	
42.00	20.20	
43.00	24.80	
44.00	18.40	
45.00	11.70	
46.00	23.90	
47.00	22.20	
48.00	11.00	
49.00	0.92	
50.00	21.60	
51.00	19.60	
52.00	25.10	
53.00	22.80	
54.00	15.30	
55.00	26.30	
56.00	35.20	
57.00	15.40	
58.00	1.79	
59.00	19.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.34	
61.00	29.30	
62.00	27.70	
63.00	32.40	
64.00	20.40	
65.00	35.80	
66.00	19.70	
67.00	25.60	
68.00	1.19	
69.00	1.27	
70.00	11.60	
71.00	2.94	
72.00	57.90	
73.00	22.00	
74.00	1.36	
75.00	0.47	
76.00	0.45	
77.00	1.81	
78.00	3.83	
79.00	1.84	
80.00	1.99	
81.00	1.49	
82.00	2.08	
83.00	14.50	
84.00	8.18	
85.00	2.57	
86.00	1.73	
87.00	1.68	
88.00	1.86	
89.00	3.44	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	6.23	
91.00	1.39	
92.00	0.77	
93.00	3.51	
94.00	6.46	
95.00	1.61	
96.00	1.34	
97.00	4.46	
98.00	1.26	
99.00	1.71	
100.00	1.02	
101.00	24.80	
102.00	3.17	
103.00	17.40	
104.00	1.05	
105.00	4.08	
106.00	6.83	
107.00	9.99	
108.00	1.04	
109.00	5.00	
110.00	0.95	
111.00	0.85	
112.00	0.95	
113.00	5.93	
114.00	1.09	
115.00	11.00	
116.00	1.09	
117.00	0.82	
118.00	0.50	
119.00	1.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.89	
121.00	0.15	
122.00	0.55	
123.00	0.48	
124.00	0.75	
125.00	0.63	
126.00	0.40	
127.00	1.10	
128.00	1.20	
129.00	2.88	
130.00	8.66	
131.00	0.33	
132.00	0.97	
133.00	0.67	
134.00	0.53	
135.00	1.05	
136.00	0.48	
137.00	0.42	
138.00	0.78	
139.00	1.05	
140.00	0.85	
141.00	1.00	
142.00	0.67	
143.00	0.57	
144.00	0.53	
145.00	1.37	
146.00	0.67	
147.00	0.58	
148.00	0.82	
149.00	1.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.48	
151.00	0.70	
152.00	0.60	
153.00	0.31	
154.00	0.43	
155.00	0.48	
156.00	1.42	
157.00	20.40	
158.00	7.00	
159.00	1.27	
160.00	0.48	
161.00	0.33	
162.00	0.21	
163.00	0.87	
164.00	1.26	
165.00	0.25	
166.00	0.99	
167.00	1.61	
168.00	0.53	
169.00	0.30	
170.00	5.24	
171.00	10.20	
172.00	7.49	
173.00	1.73	
174.00	3.99	
175.00	0.38	
176.00	0.40	
177.00	0.31	
178.00	0.18	
179.00	0.28	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.38	
181.00	0.33	
182.00	1.71	
183.00	9.55	
184.00	8.03	
185.00	0.20	
186.00	0.50	
187.00	0.48	
188.00	1.00	
189.00	7.45	
190.00	0.01	
191.00	0.18	
192.00	4.93	
193.00	1.38	
194.00	12.70	
195.00	0.33	
196.00	1.05	
197.00	0.47	
198.00	0.42	
199.00	0.35	
200.00	0.52	
201.00	0.13	
202.00	0.23	
203.00	0.45	
204.00	0.48	
205.00	0.23	
206.00	0.31	
207.00	0.36	
208.00	0.43	
209.00	7.57	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	3.34	
211.00	5.04	
212.00	3.64	
213.00	3.30	
214.00	6.45	
215.00	5.37	
216.00	3.56	
217.00	5.17	
218.00	3.24	
219.00	4.36	
220.00	3.98	
221.00	7.19	
222.00	6.83	
223.00	4.23	
224.00	5.42	
225.00	4.82	
226.00	4.83	
227.00	8.36	
228.00	6.28	
229.00	3.47	
230.00	3.98	
231.00	2.63	
232.00	3.78	
233.00	6.01	
234.00	1.54	
235.00	4.33	
236.00	7.39	
237.00	2.70	
238.00	2.60	
239.00	7.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	3.44	
241.00	4.80	
242.00	1.52	
243.00	13.70	
244.00	0.25	
245.00	4.38	
246.00	1.66	
247.00	1.76	
248.00	2.26	
249.00	2.72	
250.00	3.79	
251.00	5.72	
252.00	4.46	
253.00	0.36	
254.00	2.90	
255.00	1.49	
256.00	4.98	
257.00	3.07	
258.00	1.14	
259.00	2.35	
260.00	6.87	
261.00	5.59	
262.00	5.34	
263.00	6.45	
264.00	2.38	
265.00	3.71	
266.00	1.19	
267.00	3.52	
268.00	4.93	
269.00	3.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	5.24	
271.00	3.10	
272.00	4.72	
273.00	3.30	
274.00	6.45	
275.00	4.85	
276.00	5.65	
277.00	2.26	
278.00	1.83	
279.00	3.12	
280.00	5.66	
281.00	3.09	
282.00	1.81	
283.00	1.98	
284.00	1.79	
285.00	5.30	
286.00	6.40	
287.00	4.60	
288.00	4.06	
289.00	2.18	
290.00	4.38	
291.00	2.30	
292.00	1.81	
293.00	4.78	
294.00	3.00	
295.00	1.76	
296.00	5.69	
297.00	0.25	
298.00	0.15	
299.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.67	
301.00	0.70	
302.00	4.14	
303.00	7.49	
304.00	33.20	
305.00	0.25	
306.00	0.21	
307.00	0.30	
308.00	0.40	
309.00	0.26	
310.00	0.16	
311.00	0.21	
312.00	0.28	
313.00	0.35	
314.00	3.56	
315.00	3.37	
316.00	0.26	EOH

KLAZA

Hole: **KL-12-80** **Date: July 7, 2012**

Box #	From (m)	To (m)
1	0.00	8.74
2	8.74	11.78
3	11.78	15.45
4	15.45	18.97
5	18.97	22.26
6	22.26	25.50
7	25.50	28.77
8	28.77	32.35
9	32.35	35.85
10	35.85	40.17
11	40.17	44.20
12	44.20	47.93
13	47.93	52.22
14	52.22	56.13
15	56.13	60.14
16	60.14	64.65
17	64.65	68.53
18	68.53	72.24
19	72.24	76.02
20	76.02	79.66
21	79.66	83.75
22	83.75	87.48
23	87.48	91.56
24	91.56	95.11
25	95.11	99.26
26	99.26	103.25
27	103.25	107.16
28	107.16	111.30
29	111.30	115.38

KLAZA

30	115.38	119.24
31	119.24	123.54
32	123.54	127.10
33	127.10	130.87
34	130.87	134.39
35	134.39	138.09
36	138.09	141.50
37	141.50	144.71
38	144.71	148.44
39	148.44	152.15
40	152.15	155.73
41	155.73	159.15
42	159.15	162.64
43	162.64	166.75
44	166.75	169.95
45	169.95	174.10
46	174.10	177.74
47	177.74	181.97
48	181.97	185.11
49	185.11	189.01
50	189.01	192.73
51	192.73	196.59
52	196.59	200.53
53	200.53	204.67
54	204.67	208.79
55	208.79	212.68
56	212.68	216.86
57	216.86	220.74
58	220.74	224.74
59	224.74	228.90
60	228.90	232.90
61	232.90	236.95
62	236.95	241.02
63	241.02	244.25
64	244.25	247.40
65	247.40	250.93
66	250.93	254.47

KLAZA

67	254.47	257.50
68	257.50	260.00
69	260.00	264.20
70	264.20	268.25
71	268.25	272.87
72	272.87	276.72
73	276.72	280.60
74	280.60	284.58
75	284.58	288.27
76	288.27	292.33
77	292.33	296.38
78	296.38	300.75
79	300.75	304.47
80	304.47	307.65
81	307.65	311.60
82	311.60	315.23
83	315.23	316.08
		EOH

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382703.74	6888821.3	1409.133	163.68

SECTION:

HOLE: DDH-KL-12-81

CLAIM: KLAZA 8 YC37991

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: July 7 - July 9, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden and casing.
4.57	16.91	12.34	GRD	Moderate propyllitic granodiorite.
13.57	16.91	3.34	FEL	Quartz feldspar porphyry dyke.
16.91	23.15	6.24	GRD	Weak-moderate phyllic granodiorite.
23.15	25.14	1.99	GRD	Moderately argillic granodiorite with patchy phyllic.
25.14	33.84	8.70	GRD	Weak-moderate phyllic granodiorite.
33.84	37.11	3.27	GRD	Moderate propyllitic granodiorite.
37.11	40.16	3.05	GRD	Weak-moderate phyllic granodiorite.
40.16	59.31	19.15	GRD	Moderate propyllitic granodiorite.
59.31	88.79	29.48	GRD	Moderate phyllic granodiorite.
88.79	89.49	0.70	GRD	Intense argillic granodiorite with weak sericite alterati
89.49	92.95	3.46	GRD	Moderate-intense phyllic granodiorite.
92.95	116.52	23.57	GRD	Moderate propyllitic granodiorite.
116.52	123.55	7.03	GRD	Moderately argillic granodiorite with patchy phyllic.
123.55	138.67	15.12	GRD	Moderate propyllitic granodiorite.
138.67	147.41	8.74	GRD	Unaltered granodiorite with patchy weak phyllic.
147.41	148.32	0.91	FEL	Quartz feldspar porphyry dyke.
148.32	163.68	15.36	GRD	Moderate propyllitic granodiorite.
				EOH

SAMPLES

Numbers: M899382 - M899508

Total: 127

Batch: 81-1 to 81-4

Date Sent:

Certificate:

COMMENTS

EOH @ 163.68m

PROPERTY NAME

Hole: DDH-KL-12-81 **Logger Name:** **Teresa Cruz** **Date: July 10, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	4.57	4.57				OVB	OVB														Casing and overburden
4.57	13.57	9.00				mKgW	GRD	MG	LT	GN											Granodiorite with patchy phyllic, propyllitic, and argillic alteration. Crosscut by quartz veins and veinlets, with fracture-limited oxidation.
									MD	GY											
			4.57	8.66	4.09	mKgW	GRD	MG	LT	GN	FR	2I		PRO	1I	1.00		Se	1.00		Very weakly propyllitic granodiorite with patchy sericit alteration and phyllic envelopes around some mineralized quartz veins. Oxide stains on fracture faces, but not pervasive in the granodiorite. Crosscut by pyrite stringers and quartz veinlets. Hosts some disseminated pyrite.
									MD	GY				PHC	1I						
			8.66	9.93	1.27	mKgW	GRD	MG	LT	GN		2I		PHC	2I	1.00		Cb	4.00		Moderate-intense phyllic granodiorite, with weak patchy propyllitic alteration. Oxide stains fracture faces. Crosscut by mineralized quartz veins. Minor brecciation by carbonate veinlets. Some chlorite veinlets and blebby chlorite focused near veins.
									MD	GY				PRO	1I						
			9.93	12.01	2.08	mKgW	GRD	MG	LT	GN		1I		PRO	2I	2.00		Ga	1.00		Weakly propyllitic with patchy phyllic alteration near crosscutting quartz veins/veinlets. Oxide staining on fractures. Crosscut by one quartz vein with pyrite, arsenopyrite, galena, and tourmaline.
									MD	GY				PHC	2I			As	1.00		
																		To	1.00		
			12.01	13.57	1.56	mKgW	GRD	MG	LT	GN		1I		PHC	3I	2.00		As	1.00		Moderate phyllic in granodiorite with oxide stained fracture faces. Crosscut by 5 arsenopyrite-hosting quartz veins. Ends with porphyry dyke selvedge.
									MD	GY											
13.57	16.91	3.34				LKqP	FEL	FG	LT	GN		1I									Quartz feldspar porphyry dyke, bordered by dyke selvedges. Has grey plagioclase phenocrysts and epidote phenocrysts.
									MG	GY											
16.91	147.41	130.50				mKgW	GRD	MG	LT	GN											Granodiorite with patchy phyllic, propyllitic, and argillic alteration. Crosscut by quartz and carbonate veins and veinlets, with fracture-limited oxidation.
									MD	GY											
			16.91	19.72	2.81	mKgW	GRD	MG	LT	GN		2I	3I	PHC	4I			Cb	2.00		Intensely phyllic granodiorite with intense silica flooding (16.91-17.87m). Crosscut by carbonate veinlets, hosts red hematite blebs. Oxidation on fracture faces.
									MD	GY								He	1.00		
			19.72	23.15	3.43	mKgW	GRD	MG	LT	GN		1I		ARG	3I						Dominantly argillic granodiorite, overprinted by weak phyllic alteration near crosscutting veins. Oxidation stains some fracture faces. Crosscut by quartz veins with phyllic envelopes.
									MD	GY				PHC	2I						
			23.15	25.14	1.99	mKgW	GRD	MG	LT	GN		3I	3I	ARG	3I						Initially argillic granodiorite, overprinted by weak phyllic near quartz veins. Silica flooding developed quartz eyes and thick brecciation zone by quartz. Oxidation is pervasive and has reduced some granodiorite to orange clay. Crosscut by a quartz vein hosting pyrite and galena.
									MD	GY				PHC	1I						
			25.14	33.84	8.70	mKgW	GRD	MG	LT	GN		1I	2I	PHC	2I						Weak argillic overprinted by weak-moderate phyllic. Patches of oxide and silica flooding crosscut by quartz veins and carbonate/ankerite veins.
									MD	GY				ARG	2I						
			33.84	37.11	3.27		GRD	MG	LT	GN		1I	1I	PRO	2I	1.00		Se	1.00		Weakly propyllitic, with patchy phyllic alteration near veins, with disseminated pyrite and sericite throughout. Silica flooded from 36.70-36.91m, silica stemming from a single large quartz vein. Pervasive oxidation in siliceous zone.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									MD	GY				PHC	1I						
			37.11	40.16	3.05	mKgW	GRD	MG	LT	BN		2I	1I	PHC	2I	1.00		Li	###		Moderate-intense silica flooding of weak-moderate phyllic granodiorite. Oxidation is pervasive with silica alteration. Crosscut by quartz veins. Single interval of non-silicified phyllic granodiorite is crosscut by carbonate veinlets.
									MD	GY								Cb	2.00		
			40.16	59.31	19.15	mKgW	GRD	MG	LT	GN		2I	3I	PRO	2I			To	1.00		Weak propyllitic alteration with weak phyllic envelopes adjacent to crosscutting quartz veins. Oxide staining on most fracture faces. Hosts blebby tourmaline.
									MD	GY				PHC	1I						
			59.31	62.74	3.43	mKgW	GRD	MG	LT	GN		1I		PHC	3I	1.00					Moderate phyllic overprinting moderate patchy argillic. Crosscut by many pyrite stringers-veins. Weak oxidation stains on fracture faces. Chlorite is focused near pyrite/quartz veins and veinlets.
									MD	GY				ARG	3I						
			62.74	66.06	3.32	mKgW	GRD	MG	LT	GN			3I	PHC	4I	1.00		Cb	2.00		Strongly phyllic granodiorite with mod-intense silica flooding causing a loss of original texture and quartz eyes. Crosscut by carbonate veinlets.
									MD	GY											
			66.06	68.14	2.08	mKgW	GRD	MG	LT	GN	FR	3I		ARG	2I						Weakly argillic overprinted by patchy phyllic. Oxide staining and breakdown of granodiorite to clay along fractures. Crosscut by quartz veinlets with mineralization.
									MD	GY				PHC	1I						
			68.14	71.31	3.17	mKgW	GRD	MG	LT	GN				PRO	3I	1.00					Moderate propyllitic with patchy phyllic around crosscutting mineralized quartz veinlets. Hosts disseminated pyrite throughout granodiorite.
									MD	GY				PHC	2I						
			71.31	77.19	5.88	mKgW	GRD	MG	LT	GN		3I	2I	PHC	3I						Phyllic granodiorite with patchy silica flooding with quartz eyes. Oxidation is mainly on fracture faces, but also pervasively stains small intervals. Crosscut by mineralized quartz veinlets and two thicker quartz veins.
									MD	GY											
			77.19	80.80	3.61	mKgW	GRD	MG	LD	GN	FR			PRO	3I	1.00		To	3.00		Moderate-intense propyllitic with disseminated pyrite, pyrite stringers, and quartz veinlets. Hosts blebby tourmaline. Clay alteration along fractures.
									DK	GY				CLY	2I						
			80.80	82.02	1.22	mKgW	GRD	MG	LT	GN				PRO	4I	1.00					Intense propyllitic overprinting weak argillic and weak phyllic in granodiorite. Hosts disseminated pyrite throughout. Crosscut by mineralized quartz veinlets. 81.80-82.02m is clay altered and almost incompetent.
									MD	GY				ARG	1I						
														PHC	2I						
			82.02	84.45	2.43	mKgW	GRD	MG	LT	GN	RB	3I	1I	PHC	2I	###					Rubbly, intensely oxide stained weakly phyllic granodiorite with few quartz eyes from silica flooding. Massive pyrite from 83.09-83.53m. Clay gouge from 84.27-84.43m.
									MD	GY											
			84.45	85.89	1.44	mKgW	GRD	MG	LT	GN		1I	2I	PHC	4I	2.00					Intense phyllic alteration with weak silica alteration and oxide staining along fracture faces. Crosscut by two thick mineralized quartz veins and hosts disseminated-blebby pyrite.
									MD	GY											
			85.89	88.79	2.90	mKgW	GRD	MG	LT	GN				PRO	4I	1.00		To	3.00		Intense propyllitic with patchy phyllic envelopes on mineralized quartz veinlets.
									MD	GY				PHC	2I			Ep	1.00		
																		Cl	2.00		
			88.79	89.49	0.70	mKgW	GRD	MG	LT	GN				ARG	4I	1.00		Se	1.00		Intense argillic granodiorite crosscut by quartz veinlets. Hosts weak sericite alteration and disseminated pyrite.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									MD	GY				SER	1I						
			89.49	92.95	3.46	mKgW	GRD	MG	LT	GN				PHC	3I	1.00		Se	1.00		Moderate phyllic with patchy weak propyllitic, hosting disseminated pyrite and sericite. Crosscut by mineralized quartz veinlets/veins, and ankerite veinlets.
									MD	GY				PRO	2I						
			92.95	116.52	23.57	mKgW	GRD	MG	LT	GN				PRO	3I	1.00		To	3.00		Weak-moderate phyllic alteration with patchy phyllic vein envelopes. Hosts weakly disseminated pyrite and blebby tourmaline. Crosscut by pyrite stringers, chlorite veinlets, carbonate veinlets, and mineralized quartz veins.
									MD	GY				PHC	1I						
			116.52	118.19	1.67	mKgW	GRD	MG	LT	GN				PHC	3I	1.00		To	1.00		Moderate phyllic with patchy weak propyllitic and argillic, hosting disseminated pyrite and blebby tourmaline. Crosscut by quartz veinlets and chlorite veinlets.
									MD	GY				PRO	2I						
														ARG	1I						
			118.19	119.37	1.18	mKgW	GRD	MG	LT	GN	FR	4I		PHC	3I	1.00					Moderate phyllic with intense oxidation along fractures. Crosscut by mineralized quartz veinlets/veins and small gouge sections.
									MD	GY											
			119.37	123.55	4.18	mKgW	GRD	MG	LT	GN				ARG	3I						Argillic alteration with patchy phyllic, crosscut by mineralized quartz veins.
									MD	GY				PHC	3I						
			123.55	133.07	9.52	mKgW	GRD	MG	LT	GN				PRO	3I	1.00					Moderately propyllitic with patchy phyllic and argillic alteration. Crosscut by mineralized quartz veins and veinlets. Well defined phyllic envelopes on quartz veins. Argillic alteration is intense and incompetent in places, with weak hematite staining.
									MD	GY				PHC	2I						
														ARG	2I						
			133.07	138.07	5.00	mKgW	GRD	MG	LT	GN				PRO	2I	1.00					Weakly propyllitic granodiorite with phyllic envelopes around mineralized quartz and carbonate veins and veinlets. Hosts patches of disseminated pyrite.
									MD	GY				PHC	2I						
			138.67	147.41	8.74	mKgW	GRD	MG	LT	GN				PHC	2I						Unaltered granodiorite with phyllic envelopes around mineralized quartz veins/veinlets.
									MD	GY											
147.41	148.32	0.91				LKqP	FEL	FG	LT	TN											Quartz feldspar porphyry dyke.
									MD	GY											
148.32	163.68	15.36				mKgW	GRD	MG	LT	GN				PRO	2I	1.00					Weakly propyllitic with phyllic vein envelopes.
									MD	GY				PHC	2I						
																					EOH

PROPERTY NAME

Hole: DDH-KL-12-81 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
13.57		80 degree sharp oxide-stained contact between granodiorite and quartz feldspar porphyry dyke.
16.91		60 degree sharp contact between porphyry dyke and granodiorite.
147.41		70 degree sharp contact between granodiorite and quartz feldspar porphyry dyke.
148.32		60 degree sharp contact between porphyry dyke and granodiorite.
		EOH

PROPERTY NAME

Hole: DDH-KL-12-81 **Logger Name:** Teresa Cruz **Date:** July 10, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	5.96	8.86	45.00		13.00	Py	60.00	Pyrite stringers bordered by dark green fine grained chlorite.	
						Cl	40.00		
VN	8.93	9.02	40.00			Py	40.00	Milky-grey massive quartz vein hosting massive pyrite and blebby arsenopyrite at its centre. Pyrite and arsenopyrite are in close contact, with pyrite surrounding arsenopyrite blebs.	
						As	3.00		
VN	10.70	10.78	45.00			Py	20.00	Milky quartz vein with blebby-massive pyrite and arsenopyrite at the borders. Quartz hosts some interstitial carbonate.	
						As	8.00		
						Cb	3.00		
VN	12.78	12.82	60.00			Py	15.00	White-grey massive quartz vein. Central 0.6cm thick veinlet of acicular-massive arsenopyrite is bordered by massive pyrite 0.2cm veinlets, and pyrite blebs throughout the quartz vein.	
						As	10.00		
VN	13.01	13.05	60.00		3.00	Py	30.00	White-milky vuggy massive quartz vein bordered by blebby-massive pyrite and disseminated-blebby arsenopyrite.	x
						As	5.00		
VN	13.37	13.57	80.00			Py	15.00	Dyke selvedge: Grey-milky quartz veins encompassing the dyke selvedge. Hosts disseminated-blebby pyrite, blebby galena, disseminated arsenopyrite. Dyke selvedge is weakly clay altered.	
						As	2.00		
						Ga	2.00		
VN	16.91	17.01	60.00		9.00	Py	5.00	Dyke selvedge: White-grey quartz veins hosting disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VT	17.68	20.61	65.00		2.00	Py	1.00	Crustiform-banded milky-creamy quartz veinlets with vugs and disseminated pyrite.	
VT	17.88	17.91	70.00		3.00	Py	2.00	Smoky-white crustiform quartz veinlets with carbonated infilling discontinuous microfractures at the borders.	
						Cb	3.00		
VT	18.95	19.29	60.00			Py	8.00	Milky-smoky quartz veinlets with discontinuous pyrite stringers and disseminated pyrite.	x
VN	24.28	24.40	90.00			Py	20.00	Pyrite and galena vein brecciated by intruding carbonates. Dominantly carbonates, with clasts of pyrite and galena inside.	
						Ga	30.00		
						Cb	50.00		
VN	28.44	28.50	70.00			Py	50.00	Milky quartz vein approximately 1.5cm wide, flanked by massive pyrite borders 1.5cm and 1cm wide respectively.	
VT	29.66	29.69	40.00			Py	30.00	White quartz veinlet with central veinlet of massive pyrite.	
VT	32.15	33.48	60.00		5.00	Py	5.00	Grey massive quartz veinlets with well-defined straight borders and disseminated-blebby pyrite at their edges.	
VT	32.24	32.27	80.00			Py	6.00	Weakly crustiform milky quartz veinlet with central blebs of pyrite.	
VT	34.20	42.72	70.00		5.00	Cb	100.00	Carbonate veinlets	
VN	40.10	40.19	45.00			Py	10.00	Massive grey-white quartz hosting blebby-massive pyrite, crosscut by thick carbonate veins/veinlets.	
VT	48.14	48.16	60.00			Py	20.00	White quartz veinlet with disseminated-blebby pyrite.	
VT	48.85	20.59	55.00		2.00	Py	5.00	White-grey quartz veinlets with blebby-disseminated pyrite and dark green chlorite borders.	
						Cl	7.00		
VN	51.32	51.36	50.00			Py	5.00	Crustiform white-grey vein with massive-blebby pyrite at the borders.	
VN	54.39	54.42	70.00			Py	3.00	Crustiform white-grey vein with disseminated pyrite at the borders.	
VN	55.94	55.01	70.00			Py	2.00	Smoky-milky-grey quartz vein with thick blending zone between the three varieties. Smoky quartz is massive, milky and grey quartz are weakly crustiform smoky-grey quartz hosts disseminated pyrite.	x
ST	60.86	65.28	60.00		18.00	Py	100.00	Pyrite stringers of varying thicknesses and degrees of continuity.	
VN	61.41	61.49	70.00			Py	97.00	Pyrite vein with interstitial carbonate.	
						Cb	3.00		
VN	63.88	63.92	50.00			Py	10.00	Massive grey quartz vein with blebby pyrite.	
VN	65.23	65.67	70.00		3.00	Py	3.00	Poorly defined white massive quartz veins hosting blebby-disseminated pyrite.	
VT	66.53	66.78	60.00		2.00	Py	20.00	Milky quartz veinlets with blebby pyrite.	
VT	67.23	72.87	60.00		23.00	Py	5.00	Milky quartz veinlets with disseminated pyrite.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	70.84	70.86	50.00			Py	3.00	Smoky-milky quartz vein with white anhedral quartz crystals inside the smoky quartz. Hosts disseminated pyrite.	
VN	71.81	71.90	60.00			Py	35.00	6cm thick vein. 2cm smoky quartz with massive pyrite, 2cm milky quartz with ankerite veinlet and disseminated pyrite, and 2 cm grey quartz with blebby pyrite.	
						Ak	4.00		
VN	76.00	76.05	60.00			Py	4.00	Milky quartz with 3mm subhedral white quartz crystals, and a thin carbonate veinlet.	
						Cb	6.00		
VT	76.13	76.14	70.00			Py	10.00	White-grey banded quartz veinlet with blebby pyrite and oxide staining.	
VN	76.20	76.55	60.00			Py	100.00	Pyrite veins with chlorite concentrated at their borders.	
VN	76.96	77.00	70.00			Py	15.00	Milky quartz with central grey quartz veinlet hosting blebby pyrite. Hosts parallel carbonate veinlets.	
						Cb	10.00		
VN	83.27	83.54	80.00			Py	90.00	Massive pyrite vein with grey quartz. Rubbly and oxide stained.	
VN	84.78	84.84	70.00			Py	30.00	White quartz vein with carbonate-filled fractures and weak oxide staining. Hosts massive-blebby pyrite and blebby galena.	
						Ga	1.00		
VN	85.18	85.29	70.00			Py	30.00	White quartz vein adjacent to and partially brecciating a massive pyrite vein. Smoky quartz veinlets in the centre of white quartz. <1mm thick red hematite stringer at white quartz edge.	
						Sp	1.00		
						Ga	1.00		
VN	89.99	90.12	85.00			Py	20.00	Milky-smoky quartz vein: 2cm smoky quartz with massive-blebby pyrite and galena, 2 cm milky quartz with central smoky quartz veinlet, 3.5cm grey quartz with massive-blebby pyrite and galena, and 2cm of white-grey oxide-clay altered quartz with disseminated pyrite.	
						Sp	1.00		
						Ga	5.00		
VN	96.08	96.15	80.00		2.00	Py	25.00	White-grey quartz vein with massive-blebby pyrite.	
VT	102.53	103.04	70.00		3.00	Py	6.00	White massive quartz veinlet hosting disseminated-blebby pyrite. Intense chloritization approximately 3cm adjacent to veins.	
VN	107.69	107.32	45.00		2.00	Py	8.00	White crustiform quartz vein with blebby pyrite at the edges.	
VT	109.49	109.95	70.00		3.00	Py	10.00	Mixed white quartz and carbonate veinlets hosting disseminated-blebby pyrite and blebby red hematite.	
						Cb	30.00		
						He	5.00		
VN	116.91	117.10	70.00			Py	10.00	Mixed grey-white quartz vein hosting massive-blebby pyrite, massive-blebby chalcopyrite, and carbonate veinlets.	
						Cp	5.00		
						Cb	10.00		
VN	118.24	119.22	90.00		2.00	Py	3.00	White-grey banded quartz vein cut by gouge, hosting disseminated pyrite. Gouge is weakly oxide stained.	
VN	121.12	122.00	60.00		2.00	Py	5.00	Vuggy white-milky-grey quartz, with carbonate-filled vugs. Hosts blebby pyrite.	
						Cb	10.00		
VN	124.20	124.56	80.00			Py	1.00	Vuggy white crustiform quartz with disseminated pyrite.	
VN	126.20	126.29	60.00			Py	1.00	Grey-smoky crustiform quartz vein hosting disseminated pyrite with a 4cm thick phyllic alteration envelope.	
VT	126.56	126.58	70.00			Py	6.00	Milky quartz veinlet with smoky quartz veinlet at borders. Smoky quartz hosts disseminated pyrite.	
VN	127.47	127.49	80.00			Py	15.00	Milky quartz vein bordered by massive-blebby pyrite. Disseminated pyrite and sericite throughout the 5cm strong phyllic alteration envelope.	
						Se	2.00		
VT	132.29	132.34	25.00			Cb	100.00	Carbonate veinlets, now clay altered along fracture faces.	
VT	134.03	134.18	60.00		2.00	Py	10.00	White-crustiform quartz veinlet with disseminated pyrite, and concentrated chlorite envelopes.	
						Cl	30.00		
VN	134.22	134.30	80.00			Py	1.00	White-smoky quartz vein bordering a 4cm massive calcite vein. Disseminated pyrite in quartz.	
						Ca	90.00		
VN	136.26	136.95	90.00		3.00	Py	3.00	Milky-grey quartz vein with disseminated-blebby pyrite, disseminated galena, and blebby sphalerite.	
						Sp	2.00		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Ga	1.00		
VN	137.51	137.79	80.00		3.00	Py	1.00	Three white quartz veins with carbonate-lined borders and disseminated pyrite.	
						Cb	7.00		
VT	138.40	138.42	90.00			Py	20.00	White quartz veinlet with weak hematite staining, hosting disseminated-blebby pyrite.	
						He	1.00		
ST	138.51	140.03	50.00		4.00	Py	100.00	Pyrite stringers with chlorite concentrated at their borders.	
VN	140.64	141.26	70.00		2.00	Py	5.00	White quartz vein with 0.8cm phyllic envelope and 0.3cm argillic envelope. Phyllic halo hosts disseminated pyrite and sericite.	
						Se	4.00		
VT	141.49	142.94	70.00		2.00	Py	2.00	White netted quartz veinlets hosting disseminated pyrite.	
VN	141.97	142.02	80.00			Py	8.00	White quartz vein with central grey quartz veinlet. Hosts blebby galena and pyrite.	
						Ga	1.00		
VT	144.50	145.23	35.00		2.00	Py	40.00	Grey quartz veinlet with pyrite veinlets and blebby-disseminated pyrite.	
VT	147.21	147.27	55.00			Py	5.00	Smoky quartz veinlet with disseminated pyrite and phyllic envelope.	
VN	148.30	148.32	40.00			Ca	100.00	Massive calcite vein.	
VT	148.59	148.67	70.00			Py	1.00	Netted smoky-white quartz veinlets, approximately 0.1mm thick. Heavy chlorite concentration. Hosts disseminated pyrite.	
VN	151.80	151.84	75.00			Py	4.00	Smoky quartz vein with netted white quartz veinlets. Parallel carbonate veinlets. Hosts disseminated-blebby pyrite.	
VN	152.00	152.02	50.00			Py	1.00	Clay altered white-smoky quartz vein with disseminated pyrite.	
VT	153.17	153.89	70.00		5.00	Py	1.00	Milky-white quartz veinlets with disseminated pyrite.	
VN	154.14	154.27	80.00			Py	40.00	White-grey quartz vein with massive-blebby pyrite and disseminated sericite.	
						Se	2.00		
VN	158.10	158.14	70.00			Py	10.00	White-grey quartz vein with blebby-disseminated pyrite.	
VN	159.27	159.37	80.00			Py	20.00	Mossy white-clear quartz vein with parallel internal clear-grey quartz veinlets and pyrite veinlets. Hosts disseminated-blebby pyrite.	
VN	160.23	160.26	90.00			Py	1.00	White-grey quartz vein with 1.5cm phyllic envelope and disseminated-blebby pyrite.	
VT	161.99	162.02	90.00			Py	12.00	White quartz vein with thick phyllic envelope and disseminated pyrite.	
VN	163.29	163.49	75.00		3.00	Py	5.00	Crackled white-smoky quartz veins hosting disseminated-blebby pyrite.	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-81 **Date: July 9, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
16.17	10.3	4.1	381.7	235.6	FEL						2.806903	2.612594	Quartz feldspar porphyry dye
26.52	10.3	4.1	373.6	228.7	GRD		PRO	2I	He	1	2.747338	2.57833	Propyllitic with patchy phyllic in granodiorite, overprinted by silica flooding with quartz eyes. Crosscut by ankerite veinlets, with hematite staining and disseminated pyrite.
							PHC	1I	Py	1			
							SIL	3I	Ak	2			
32.96	10.1	4.1	387.7	244.4	GRD		PHC	2I	Py	2	2.907481	2.705513	Argillic overprinted by phyllic alteration, crosscut by 1cm quartz veins with blebby pyrite. Granodiorite hosts disseminated pyrite.
							ARG	2I					
63.66	10.1	4.1	371.6	230.8	GRD		PHC	4I	Py	3	2.786742	2.639205	Intense phyllic with weak silica flooding in granodiorite with disseminated pyrite.
							SIL	1I					
85.73	9.9	4.1	371.7	232.2	GRD		PHC	4I	Py	1	2.843805	2.664516	Intense phyllic granodiorite crosscut by a carbonate veinlet parallel to grey quartz veinlets with disseminated pyrite and chlorite veinlets.
95.07	10	4.1	376.6	235.1	GRD						2.852481	2.661484	Unaltered granodiorite with high felsic content.
108	10.2	4.1	378.7	235.7	GRD		PRO	4I			2.812144	2.648252	Intense propyllitic overprinted by moderate silica flooding.
							SIL	3I					EOH

PROPERTY NAME

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			

PROPERTY NAME

Hole: DDH-KL-12-81 **Date: July 9, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
4.57	5.57	1.00	1.00	100	M899382	1				
5.57	6.57	1.00	1.00	100	M899383	1				
6.57	8.50	1.93	1.90	98.4	M899384	1				
8.50	9.66	1.16	1.00	86.2	M899385	1				
9.66	10.69	1.03	1.03	100	M899386	1				
10.69	12.68	1.99	1.84	92.5	M899387	1				
12.68	13.68	1.00	0.94	94	M899388	1				
13.68	15.16	1.48	1.48	100	M899389	1				
					M899390	1				Klaza STD-2
15.16	16.90	1.74	1.58	90.8	M899391	1				
					M899392	1				Duplicate
16.90	17.97	1.07	1.06	99.1	M899393	1				
17.97	19.46	1.49	1.14	76.5	M899394	1				
19.46	20.67	1.21	1.20	99.2	M899395	1				
20.67	23.23	2.56	2.17	84.8	M899396	1				
23.23	25.10	1.87	1.48	79.1	M899397	1				
					M899398	1				Blank
25.10	26.52	1.42	1.40	98.6	M899399	1				
26.52	28.24	1.72	1.48	86	M899400	1				
					M899401	1				Coarse Reject Duplicate
28.24	29.76	1.52	1.46	96.1	M899402	1				
29.76	31.95	2.19	2.02	92.2	M899403	1				
31.95	33.57	1.62	1.60	98.8	M899404	1				
					M899405	1				Klaza STD-3
33.57	35.66	2.09	2.09	100	M899406	1				
35.66	36.80	1.14	1.12	98.2	M899407	1				
					M899408	1				Blank
36.80	39.39	2.59	2.44	94.2	M899409	1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
39.39	40.39	1.00	1.00	100	M899410	1				
40.39	42.00	1.61	1.48	91.9	M899411	2				
42.00	44.50	2.50	2.49	99.6	M899412	2				
44.50	46.53	2.03	2.01	99	M899413	2				
46.53	49.53	3.00	2.96	98.7	M899414	2				
49.53	50.90	1.37	1.32	96.4	M899415	2				
50.90	52.28	1.38	1.38	100	M899416	2				
52.28	54.28	2.00	1.92	96	M899417	2				
					M899418	2				Duplicate
54.28	55.30	1.02	1.00	98	M899419	2				
55.30	57.00	1.70	1.70	100	M899420	2				
57.00	59.43	2.43	2.42	99.6	M899421	2				
59.43	61.61	2.18	2.17	99.5	M899422	2				
					M899423	2				Blank
61.61	63.09	1.48	1.48	100	M899424	2				
63.09	64.10	1.01	1.01	100	M899425	2				
64.10	65.10	1.00	1.00	100	M899426	2				
					M899427	2				Klaza STD-3
65.10	66.85	1.75	1.74	99.4	M899428	2				
66.85	68.29	1.44	1.11	77.1	M899429	2				
68.29	69.31	1.02	1.00	98	M899430	2				
69.31	70.96	1.65	1.61	97.6	M899431	2				
70.96	72.19	1.23	1.22	99.2	M899432	2				
					M899433	2				Blank
72.19	73.54	1.35	1.30	96.3	M899434	2				
73.54	75.29	1.75	1.56	89.1	M899435	2				
75.29	76.33	1.04	1.03	99	M899436	2				
76.33	77.38	1.05	0.96	91.4	M899437	2				
					M899438	2				Coarse Reject Duplicate
77.38	79.49	2.11	1.91	90.5	M899439	2				
					M899440	2				Klaza STD-2

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
79.49	81.14	1.65	1.64	99.4	M899441	2				
81.14	82.20	1.06	1.02	96.2	M899442	2				
82.20	84.58	2.38	2.08	87.4	M899443	2				
84.58	85.62	1.04	1.04	100	M899444	2				
85.62	87.48	1.86	1.86	100	M899445	2				
87.48	89.37	1.89	1.89	100	M899446	2				
89.37	90.37	1.00	1.00	100	M899447	3				
					M899448	3				Blank
90.37	92.02	1.65	1.65	100	M899449	3				
92.02	94.88	2.86	2.86	100	M899450	3				
94.88	95.93	1.05	1.00	95.2	M899451	3				
					M899452	3				Duplicate
95.93	97.00	1.07	1.05	98.1	M899453	3				
97.00	98.33	1.33	1.33	100	M899454	3				
					M899455	3				Klaza STD-2
98.33	101.04	2.71	2.66	98.2	M899456	3				
101.04	102.45	1.41	1.37	97.2	M899457	3				
102.45	103.45	1.00	1.00	100	M899458	3				
103.45	105.77	2.32	2.32	100	M899459	3				
105.77	107.50	1.73	1.73	100	M899460	3				
107.50	108.50	1.00	0.96	96	M899461	3				
108.50	109.50	1.00	0.93	93	M899462	3				
109.50	110.50	1.00	1.00	100	M899463	3				
110.50	112.17	1.67	1.65	98.8	M899464	3				
112.17	113.89	1.72	1.63	94.8	M899465	3				
					M899466	3				Coarse Reject Duplicate
113.89	114.91	1.02	1.01	99	M899467	3				
114.91	116.52	1.61	1.60	99.4	M899468	3				
116.52	118.07	1.55	1.55	100	M899469	3				
118.07	119.52	1.45	1.18	81.4	M899470	3				
					M899471	3				Blank
119.52	121.23	1.71	1.67	97.7	M899472	3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
121.23	122.27	1.04	1.02	98.1	M899473	3				
122.27	123.89	1.62	1.62	100	M899474	3				
123.89	125.19	1.30	1.24	95.4	M899475	3				
125.19	126.57	1.38	1.38	100	M899476	3				
126.57	127.75	1.18	1.15	97.5	M899477	3				
					M899478	3				Klaza STD-3
127.75	128.86	1.11	1.04	93.7	M899479	3				
128.86	130.15	1.29	1.01	78.3	M899480	3				
130.15	132.16	2.01	2.01	100	M899481	3				
132.16	133.87	1.71	1.67	97.7	M899482	3				
133.87	134.87	1.00	1.00	100	M899483	4				
					M899484	4				Klaza STD-3
134.87	136.25	1.38	1.34	97.1	M899485	4				
136.25	138.65	2.40	2.23	92.9	M899486	4				
					M899487	4				Blank
138.65	140.86	2.21	2.19	99.1	M899488	4				
140.86	141.91	1.05	1.05	100	M899489	4				
					M899490	4				Duplicate
141.91	143.36	1.45	1.45	100	M899491	4				
143.36	144.53	1.17	1.17	100	M899492	4				
144.53	146.06	1.53	1.47	96.1	M899493	4				
					M899494	4				Coarse reject duplicate
146.06	147.47	1.41	1.40	99.3	M899495	4				
147.47	148.32	0.85	0.85	100	M899496	4				Dyke
148.32	149.44	1.12	1.11	99.1	M899497	4				
					M899498	4				Klaza STD-3
149.44	151.21	1.77	1.58	89.3	M899499	4				
151.21	153.53	2.32	2.32	100	M899500	4				
153.53	154.53	1.00	1.00	100	M899501	4				
					M899502	4				Blank
154.53	156.25	1.72	1.71	99.4	M899503	4				
156.25	157.89	1.64	1.62	98.8	M899504	4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
157.89	159.09	1.20	1.20	100	M899505	4				
159.09	160.41	1.32	1.28	97	M899506	4				
160.41	162.34	1.93	1.92	99.5	M899507	4				
162.34	163.68	1.34	1.31	97.8	M899508	4				EOH

PROPERTY NAME

Hole: DDH-KL-12-81 Tech Name: Jamie **Date: July 9, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	4.57	4.57		0		0					4.57m casing
4.57	5.18	0.61	0.61	100	0.24	39		2	4S	2W	
5.18	8.23	3.05	3.02	99	2.54	83		2	4S	2W	
8.23	11.28	3.05	2.78	91	1.90	62		2	4S	2W	
11.28	14.33	3.05	2.95	97	1.45	48		2	4S	2W	
14.33	17.37	3.04	2.78	91	2.06	68		2	5S	2W	
17.37	20.42	3.05	2.73	90	1.43	47		2	4S	2W	
20.42	23.47	3.05	2.47	81	1.29	42		2	4S	2W	
23.47	26.52	3.05	2.74	90	0.66	22		2	3S	3W	
26.52	29.57	3.05	2.66	87	1.61	53		2	5S	2W	
29.57	32.61	3.04	2.73	90	1.04	34		2	5S	2W	
32.61	35.66	3.05	3.01	99	2.62	86		2	4S	2W	
35.66	38.71	3.05	2.83	93	2.00	66		2	3S	2W	
38.71	41.76	3.05	2.88	94	1.95	64		1	4S	2W	
41.76	44.81	3.05	2.97	97	2.50	82		2	4S	2W	
44.81	47.85	3.04	2.82	93	2.28	75		2	4S	2W	
47.85	50.90	3.05	3.04	100	2.63	86		2	4S	2W	
50.90	53.95	3.05	2.92	96	2.27	74		2	4S	2W	bit change
53.95	57.00	3.05	2.97	97	1.97	65		2	3S	2W	
57.00	60.05	3.05	2.86	94	1.81	59		2	4S	2W	
60.05	63.09	3.04	2.97	98	2.27	75		2	3S	2W	bit change
63.09	66.14	3.05	3.02	99	2.24	73		2	4S	2W	
66.14	69.19	3.05	2.66	87	1.09	36		2	3S	2W	
69.19	72.24	3.05	2.89	95	2.44	80		2	3S	2W	
72.24	75.29	3.05	2.88	94	1.56	51		2	1s	2W	
75.29	78.33	3.04	2.81	92	1.12	37		1	1s	2W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.96	97	1.66	54		2	1s	2W	
81.38	84.43	3.05	2.84	93	0.50	16		1	1s	2W	
84.43	87.48	3.05	3.06	100	1.97	65		1	1s	2W	
87.48	90.53	3.05	2.99	98	1.75	57		2	3s	2W	
90.53	93.57	3.04	3.02	99	2.43	80		2	3s	2W	
93.57	96.62	3.05	3.01	99	2.09	69		2	4s	2W	
96.62	99.67	3.05	2.91	95	2.02	66		2	3s	2W	
99.67	102.72	3.05	3.00	98	2.30	75		2	3s	2W	
102.72	105.77	3.05	3.02	99	2.67	88		2	3s	2W	
105.77	108.81	3.04	2.96	97	2.14	70		2	3s	2W	
108.81	111.86	3.05	2.98	98	2.32	76		2	3s	2W	
111.86	114.91	3.05	2.90	95	2.35	77		2	3s	2W	
114.91	117.96	3.05	3.03	99	1.66	54		2	3s	3W	
117.96	121.01	3.05	2.81	92	0.52	17		2	1s	1W	
121.01	124.05	3.04	3.04	100	1.91	63		2	3s	1W	
124.05	127.10	3.05	2.83	93	1.51	50		2	1s	1W	
127.10	130.15	3.05	2.74	90	1.62	53		2	1s	1W	
130.15	133.20	3.05	3.00	98	1.70	56		2	2s	1W	
133.20	136.25	3.05	2.96	97	2.23	73		2	3s	1W	
136.25	139.29	3.04	2.88	95	2.58	85		2	3s	1W	
139.29	143.34	4.05	3.04	75	2.87	71		2	3s	1W	
143.34	145.39	2.05	2.05	100	1.69	82		2	3s	1W	
145.39	148.44	3.05	3.00	98	2.08	68		2	3S	1W	
148.44	151.49	3.05	2.85	93	2.45	80		2	3S	1W	
151.49	154.53	3.04	3.05	100	2.37	78		2	3S	1W	
154.53	157.58	3.05	2.92	96	2.45	80		2	3S	1W	
157.58	160.63	3.05	3.00	98	2.63	86		2	3S	1W	
160.63	163.68	3.05	2.99	98	2.64	87		2	1S	1W	EOH

PROPERTY NAME

Hole: DDH-KL-12-81 **Tech Name: Jamie** **Date: Jul** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	4.57	4.57							OVB and casing
4.57	5.18	0.61	45.00	0.20	0.00	1.00	2R	2W	
5.18	8.23	3.05	85.00	0.15	0.00	2.00	2R	2W	
			45.00	0.10	0.00	1.00	2R	2W	
8.23	11.28	3.05	35.00	0.25	0.00	1.00	2R	2W	
11.28	14.33	3.05	75.00	0.06	0.00	3.00	3R	2W	
			45.00	0.15	0.00	1.00	2R	2W	
14.33	17.37	3.04	50.00	0.10	0.00	1.00	2R	2W	
			35.00	1.00	0.00	1.00	2R	2W	
17.37	20.42	3.05	45.00	0.20	0.00	2.00	3R	2W	
			70.00	0.40	0.00	1.00	2R	2W	
20.42	23.47	3.05	50.00	0.15	0.00	1.00	3R	2W	
23.47	26.52	3.05	70.00	0.06	0.00	2.00	2R	2W	
			45.00	0.30	0.00	1.00	2R	3W	
26.52	29.57	3.05	30.00	1.20	0.00	1.00	3R	2W	
			60.00	0.30	0.00	1.00	2R	2W	
29.57	32.61	3.04	50.00	0.10	0.00	2.00	2R	2W	
32.61	35.66	3.05	60.00	0.30	0.00	1.00	2R	1W	
			45.00	0.25	0.00	1.00	3R	2W	
35.66	38.71	3.05	45.00	0.05	0.00	1.00	3R	2W	
38.71	41.76	3.05	35.00	0.30	0.00	2.00	3R	3W	
41.76	44.81	3.05	45.00	0.15	0.00	1.00	2R	2W	
44.81	47.85	3.04	45.00	1.50	0.00	2.00	3R	3W	
			60.00	0.10	0.00	1.00	2R	2W	
47.85	50.90	3.05	45.00	0.05	3.00	1.00	3R	3W	
			60.00	0.30	0.00	1.00	3R	2W	
50.90	53.95	3.05	20.00	3.00	1.00	1.00	2R	2W	
			60.00	0.15	0.00	1.00	2R	2W	bit change
53.95	57.00	3.05	20.00	0.02	1.00	1.00	2R	3W	
			50.00	0.10	0.00	1.00	2R	2W	
57.00	60.05	3.05	45.00	0.08	0.00	1.00	2R	3W	
			30.00	2.00	1.00	1.00	2R	2W	
			60.00	0.40	0.00	1.00	2R	1W	
60.05	63.09	3.04	60.00	0.20	0.00	1.00	2R	2W	bit change
			45.00	0.30	0.00	3.00	3R	2W	
63.09	66.14	3.05	45.00	0.04	0.00	1.00	2R	1W	
66.14	69.19	3.05	70.00	0.03	0.00	1.00	2R	3W	
69.19	72.24	3.05	50.00	0.20	0.00	1.00	2R	3W	

PROPERTY NAME

72.24	75.29	3.05	20.00	0.30	0.00	1.00	3R	3W	
			45.00	0.15	0.00	1.00	2R	2W	
75.29	78.33	3.04	50.00	0.10	0.00	1.00	2R	3W	
			35.00	0.25	0.00	1.00	3R	2W	
78.33	81.38	3.05	40.00	0.10	0.00	1.00	2R	2W	rubbly
			70.00	0.10	0.00	1.00	2R	2W	
81.38	84.43	3.05							rubbly, weathered vein
84.43	87.48	3.05	40.00	0.42	0.00	1.00	2R	1W	
			60.00	0.01	0.00	1.00	2R	1W	
87.48	90.53	3.05	70.00	0.15	0.00	1.00	2R	2W	
90.53	93.57	3.04	35.00	0.66	0.00	1.00	2r	1W	
93.57	96.62	3.05	70.00	0.06	0.00	1.00	2r	2W	
96.62	99.67	3.05	65.00	0.27	0.00	2.00	2r	1W	
99.67	102.72	3.05							competent, random fractures
102.72	105.77	3.05							competent, random fractures
105.77	108.81	3.04	15.00	0.86	0.00	2.00	3r	2W	
108.81	111.86	3.05	40.00	0.31	0.00	3.00	3r	1W	
111.86	114.91	3.05	65.00	1.00	0.00	1.00	2r	2W	
114.91	117.96	3.05	40.00	0.13	0.00	1.00	2r	1W	
			65.00	0.07	0.00	1.00	3r	2W	
117.96	121.01	3.05	45.00	0.30	0.00	2.00	3r	2W	
121.01	124.05	3.04	30.00	0.03	0.00	2.00	3r	2W	
124.05	127.10	3.05	55.00	0.08	0.00	1.00	2r	2W	
127.10	130.15	3.05	30.00	0.01	0.00	1.00	2r	2W	
130.15	133.20	3.05	40.00	0.75	1.00	1.00	2r	1W	
			60.00	0.75	0.00	2.00	2r	1W	
133.20	136.25	3.05	60.00	0.50	0.00	1.00	3r	1W	
136.25	139.29	3.04	35.00	0.60	0.00	2.00	2r	1W	
139.29	142.34	3.05	65.00	0.60	2.00	1.00	2r	1W	
			45.00	1.00	1.00	1.00	2r	1W	
142.34	145.39	3.05	30.00	1.00	0.00	2.00	2r	1W	
			60.00	0.75	0.00	2.00	2r	1W	
145.39	148.44	3.05	50.00	0.75	0.00	2.00	2r	1W	
			75.00	1.50	2.00	1.00	2r	1W	
148.44	151.49	3.05	70.00	0.60	0.00	1.00	3R	1W	
			50.00	0.37	0.00	1.00	2R	1W	
151.49	154.53	3.04	45.00	0.42	0.00	2.00	2R	1W	
154.53	157.58	3.05	45.00	0.60	0.00	1.00	2R	1W	
			65.00	1.00	0.00	1.00	2R	1W	
157.58	160.63	3.05	40.00	0.50	0.00	1.00	2R	1W	
			55.00	0.75	0.00	1.00	2R	1W	
160.63	163.68	3.05	40.00	0.75	0.00	1.00	2R	1W	
			70.00	1.00	0.00	1.00	3R	1W	EOH

PROPERTY NAME

Hole: DDH-KL-12-81 Date: July 9, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB/casing
2.00		OVB/casing
3.00		OVB/casing
4.00		OVB/casing
5.00	2.13	
6.00	11.50	
7.00	3.21	
8.00	1.68	
9.00	2.35	
10.00	1.84	
11.00	7.29	
12.00	4.28	
13.00	5.57	
14.00	0.67	
15.00	4.59	
16.00	2.41	
17.00	3.19	
18.00	6.27	
19.00	4.05	
20.00	2.05	
21.00	1.35	
22.00	0.98	
23.00	1.14	
24.00	4.89	
25.00	3.99	
26.00	2.37	
27.00	4.73	
28.00	5.14	
29.00	3.32	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	5.14	
31.00	4.61	
32.00	1.41	
33.00	2.74	
34.00	1.53	
35.00	6.19	
36.00	8.01	
37.00	23.80	
38.00	3.97	
39.00	2.78	
40.00	4.12	
41.00	24.20	
42.00	19.30	
43.00	19.40	
44.00	13.10	
45.00	20.90	
46.00	23.80	
47.00	12.50	
48.00	4.92	
49.00	26.60	
50.00	35.10	
51.00	30.50	
52.00	3.54	
53.00	24.20	
54.00	22.00	
55.00	2.80	
56.00	13.20	
57.00	2.54	
58.00	22.30	
59.00	8.52	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	3.01	
61.00	1.64	
62.00	2.74	
63.00	3.99	
64.00	3.19	
65.00	1.49	
66.00	2.95	
67.00	1.72	
68.00	3.89	
69.00	2.37	
70.00	1.92	
71.00	3.34	
72.00	3.91	
73.00	3.73	
74.00	2.00	
75.00	4.12	
76.00	3.71	
77.00	1.31	
78.00	5.00	
79.00	3.66	
80.00	2.68	
81.00	4.34	
82.00	8.40	
83.00	4.61	
84.00	2.60	
85.00	3.28	
86.00	3.42	
87.00	4.63	
88.00	4.46	
89.00	3.95	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.64	
91.00	15.00	
92.00	6.84	
93.00	10.60	
94.00	20.10	
95.00	9.04	
96.00	5.24	
97.00	23.90	
98.00	10.40	
99.00	37.00	
100.00	34.30	
101.00	20.90	
102.00	30.90	
103.00	10.80	
104.00	15.60	
105.00	29.70	
106.00	26.90	
107.00	18.80	
108.00	3.62	
109.00	7.48	
110.00	5.33	
111.00	14.40	
112.00	4.10	
113.00	7.42	
114.00	4.07	
115.00	6.84	
116.00	3.01	
117.00	7.81	
118.00	1.84	
119.00	4.92	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	5.14	
121.00	4.96	
122.00	5.39	
123.00	3.07	
124.00	10.30	
125.00	24.90	
126.00	5.22	
127.00	2.62	
128.00	6.41	
129.00	35.00	
130.00	6.04	
131.00	28.70	
132.00	14.20	
133.00	6.70	
134.00	3.66	
135.00	38.10	
136.00	15.80	
137.00	18.00	
138.00	11.40	
139.00	22.30	
140.00	9.98	
141.00	31.10	
142.00	5.33	
143.00	26.00	
144.00	32.10	
145.00	34.50	
146.00	32.60	
147.00	32.30	
148.00	2.99	
149.00	9.40	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	13.50	
151.00	6.78	
152.00	0.59	
153.00	23.50	
154.00	3.91	
155.00	13.20	
156.00	25.40	
157.00	22.60	
158.00	26.50	
159.00	23.00	
160.00	29.00	
161.00	17.70	
162.00	3.58	
163.00	1.16	EOH

PROPERTY NAME

Hole: DDH-KL-12-81 Date: July 9, 2012

Box #	From (m)	To (m)
1	4.57	9.14
2	9.14	15.60
3	15.60	20.96
4	20.96	27.06
5	27.06	33.14
6	33.14	38.87
7	38.87	44.50
8	44.50	50.29
9	50.29	56.00
10	56.00	61.80
11	61.80	67.21
12	67.21	73.15
13	73.15	78.64
14	78.64	83.82
15	83.82	89.37
16	89.37	95.17
17	95.17	101.04
18	101.04	106.85
19	106.85	112.53
20	112.53	118.07
21	118.07	123.89
22	123.89	129.42
23	129.42	135.13
24	135.13	140.86
25	140.86	146.73
26	146.73	152.58
27	152.58	158.35
28	158.35	163.68
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			383379.72	6889444.25	1409.54	331.32

ZONE: Klaza

SECTION:

HOLE: DDH-KL-12-82

CLAIM: YC39055

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 8th - July 11th, 2012

Geology logged by: D. Walsh and B. Penner

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	41.93	41.93	GRD	Weak to moderately oxidized granodiorite.
41.93	59.60	17.67	GRD	Strongly argillic altered granodiorite.
59.60	68.97	9.37	FEL	Grey quartz feldspar porphyry dyke.
68.97	92.58	23.61	GRD	Phyllic, argillic and propyllitic altered granodiorite.
92.58	96.00	3.42	GRD	Phyllic envelope around multiple quartz sulphide veins
				and gouge zones.
96.00	151.13	55.13	GRD	Phyllic altered granodiorite hosting quartz/sulphide veins.
151.13	182.25	31.12	GRD	Propyllitic and patchy argillic altered granodiorite.
182.25	201.48	19.23	GRD	Silicified and phyllic altered granodiorite hosting gouge
				and quartz sulphide vein zones.
201.48	303.02	101.54	GRD	Silicified Propyllitic altered granodiorite with patchy
				phyllic around veins/veinlets.
303.02	313.71	10.69	FEL	Weakly to moderately clay altered felsic porphyry dyke
313.71	331.32	17.61	GRD	Unaltered granodiorite with patchy phyllic and argillic
				around brecciated veins.
				EOH

SAMPLES

Numbers: M897354-M897400, M899701-M899759, N810401-N810534

Total: 241

Batch: 40915

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-82 **Logger Name:** D. Walsh and B. Penner **Date: July 17, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	41.93	41.93				mKgW	GRD	MG		GY		2-3I									Grey granodiorite with weak to moderate oxidation along fractures.
			20.83	21.90	1.07	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with moderate potassic overprint.
										PK				POT	3I						
			24.13	26.15	2.02	mKgW	GRD	MG		WH		2I		ARG	3I	3.00					Moderate argillic envelope around a strong grey and green phyllic envelope which is around a grey and orange pyrite gouge. The phyllic envelope hosts disseminated pyrite.
									LT	GN	EN			PHC	4I						
										GY											
			29.18	33.72	4.54	mKgW	GRD	MG	LT	GN				PHC	4I	1.00					Multiple strong phyllic envelopes separated by moderate argillic alteration. The interval is strongly oxidized and the phyllic portions host disseminated pyrite.
										GY				ARG	3I						
										OR		4I									
			35.72	37.80	2.08	mKgW	GRD	MG	LT	GN				PHC	3-4I	1.00					Moderate to strongly phyllic altered granodiorite which is broken up by patches of moderate phyllic alteration. Phyllic alteration is strongest around quartz/pyrite veins and it hosts disseminated pyrite.
										WH	PA			ARG	3I						
41.93	59.60	17.67				mKgW	GRD	MG		WH				ARG	3I						Strongly argillic altered granodiorite with a moderate potassic overprint. Weak to moderate phyllic envelopes around quartz/carbonate/sulphide veinlets.
										PK				POT	3I						
			47.66	50.35	2.69	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Multiple moderate to strong phyllic altered granodiorite. Phyllic alteration is strongest around quartz/sulphide veins and veinlets. Space between phyllic envelopes contains moderate phyllic overprint and argillic alteration.
										WH	PA			ARG	3I						
			52.36	52.78	0.42	mKgW	GRD	MG	DK	GN	EN		3I	PHC	4I						Moderately silicified strong phyllic envelope around three white quartz veins.
										GY											
			53.00	55.34	2.34	mKgW	GRD	MG		GN				PHC	3I	1.00					Moderately phyllic and argillic altered granodiorite hosting trace amounts of disseminated pyrite.
										WH				ARG	3I						
			55.34	57.00	1.66	mKgW	GRD	MG		GN				PHC	3-4I	<1					Moderately silicified and moderate to strongly propyllitic altered granodiorite. The
										GY				ARG	3I						
			57.00	59.60	2.60	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strong phyllic altered granodiorite and moderate argillic alteration with a weak phyllic overprint.
										WH				ARG	3I						
59.60	68.97	9.37				LKqP	FEL			GY											Grey quartz feldspar porphyry dyke.
68.97	74.74	5.77				mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration and moderate to strong propyllitic altered granodiorite. Interval is moderate to strongly oxidized and contains multiple gouge veins.
									DK	GN	PA			PRO	3I						
										GY	PA		3-4I								
										OR		3-4I									
			71.75	72.30	0.55	mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strongly silicified and phyllic altered granodiorite with strong oxidation. The interval is heavily broken up and rubbly but appears to contain disseminated pyrite and multiple quartz/pyrite veins and oxidized gouge veins.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
										GY			3-4I								
										OR		4I									
74.74	86.60	11.86				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak to moderate propyllitic overprint and weak to moderate oxidation.
									DK	GN				PRO	2-3I						
										OR		2-3I									
86.60	101.10	14.50				mKgW	GRD	MG		GY											Primarily unaltered granodiorite with weak to moderate propyllitic alteration.
									DK	GN	PA			PRO	2-3I						
			88.20	89.12	0.92	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around multiple quartz sulphide veins and gouge zones. The interval hosts disseminated pyrite.
			92.58	96.00	3.42	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I	1.00					Moderate to strong phyllic envelope around multiple quartz sulphide veins and gouge zones. The interval hosts disseminated pyrite.
										GY											
			100.40	101.10	0.70	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic and phyllic overprint.
										PK				POT	2I						
									LT	GN				PHC	2I						
101.10	151.13	50.03				mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite hosting multiple gouge and quartz/pyrite veins. Contains a few patches of moderate propyllitic alteration.
									DK	GN	PA			PRO	3I						
			107.79	109.04	1.25	mKgW	GRD	MG		GY				PHC	4I	2.00					Strongly phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.
										GN											
			114.14	119.29	5.15	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
			125.75	127.40	1.65	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite.
			127.61	127.95	0.34	mKgW	GRD	MG		GY			5I								Intensely silicified granodiorite hosting disseminated pyrite.
										GN											
			127.95	133.08	5.13	mKgW	GRD	MG		GN				PHC	3-4I						Strongly silicified and moderate to strongly phyllic altered granodiorite hosting an abundance of quartz pyrite veins.
										GY			4I								
			136.70	139.80	3.10	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderate propyllitic altered granodiorite.
151.13	182.25	31.12				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderate propyllitic altered granodiorite with the occasional patch of moderate argillic alteration and small moderate phyllic envelopes around quartz/carbonate veins and veinlets.
										WH	PA			ARG	3I						
									LT	GN	EN			PHC	3I						
			158.24	159.31	1.07	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around two quartz/carbonate veins and one quartz/pyrite/sphalerite veins.
			166.23	168.90	2.67	mKgW	GRD	MG	LT	GN				PHC	3I						The interval is split ~50/50 along its long axis with one half patchy silicified, moderate phyllic granodiorite and the other half is grey clay gouge hosting trace amounts of disseminated pyrite.
										GY	PA		3I								
			169.46	170.28	0.82	mKgW	GRD	MG		GY			4I								Strongly silicified moderately phyllic altered granodiorite.
									LT	GN				PHC	3I	1.00					
			172.82	173.91	1.09	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and propyllitic altered granodiorite with patches of moderate hematite staining along fractures.
										GY			3I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
										RD	PA			HEM	3I						
			173.91	177.55	3.64	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and propyllitic altered granodiorite.
										GY			3I								
			177.55	179.54	1.99	mKgW	GRD	MG	LT	GN				PHC	3I						Strong to intensely silicified and moderately phyllic altered granodiorite.
										GY			4-5I								
182.25	201.48	19.23				mKgW	GRD	MG	LT	GN				PHC	3-4I	1.00					Moderate to strongly phyllic altered granodiorite with patches of moderate silica flooding and occasional patches of argillic and propyllitic alteration. The interval hosts multiple sulphide vein zones and quartz pyrite veins and disseminated pyrite.
										WH	PA			ARG	3I						
									DK	GN	PA			PRO	3I						
										GY	PA		3I								
			185.60	186.41	0.81	mKgW	GRD	MG		GN				PHC	4I	5.00					Moderate to strongly silicified and strong phyllic altered granodiorite hosting disseminated to blebby pyrite. The interval is also host to a massive pyrite vein, a pyrite/sphalerite/galena vein and black sulphide veinlets and stringers.
										GY			3-4I								
			189.06	189.86	0.80	mKgW	GRD	MG		GN				PHC	4I	5.00					Moderate to strongly silicified and strong phyllic altered granodiorite hosting disseminated to blebby pyrite, quartz/pyrite veins and a semi-massive pyrite and quartz vein.
										GY			3-4I								
			190.92	191.90	0.98	mKgW	GRD	MG		GN				PHC	4I	5.00					Moderately silicified and strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and three quartz sulphide veins. Parts of the intervals have been partially altered to gouge.
										GY			3I								
			198.00	199.20	1.20	mKgW	GRD	MG		GN				PHC	4I	3.00					Intensely silicified and strongly phyllic altered granodiorite hosting a carbonate veinlet that contains disseminated pyrite.
										GY			4I								
201.48	238.70	37.22																			
			201.48	202.28	0.80	mKgW	GRD	MG	DK	GN	XC			PRO	5I	5.00		ep	5.00		Intense propylitic alteration; disseminated pyrite; blebby epidote; pervasive light hematite staining. All strongest between 201.65m-201.85m
			202.28	203.30	1.02	mKgW	GRD	MG	MD	GN	XC			PRO	3I	1.00		hem	10.00		Moderate propylitic alteration with moderate potassic, pervasive. Patchy hematite staining, blebby epidote pervasive; small epidote veinlet; carbonate veinlets/stringers hosting pyrite; disseminated pyrite.
									DK	RD				POT	3I			ep	15.00		
			203.30	205.58	2.28	mKgW	GRD	MG	MD	GN	XC			PRO	3I	1.00		ep	3.00		moderate propylitic with blebby epidote; little disseminated pyrite; hematite staining on fractures; scattered xenoliths roughly 1-3cm radius.
									MD	GY											
			205.58	206.79	1.21	mKgW	GRD	MG	MD	GN	XC			PRO	2I	1.00		ep	10.00		Silica flooded propylitic alteration; carbonate stringers with hematite staining; disseminated pyrite. Chlorite stringers hosting pyrite spaced ~5-20cm
									LT	GY				SIL	3I						
			206.79	208.96	2.17	mKgW	GRD	MG	MD	GN	XC			PRO	4I	2.00		ep	7.00		Moderate propylitic, disseminated pyrite, blebby epidote concentrated at the end of interval. Carbonate stringers, chlorite stringers
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			208.96	209.17	0.21		MAF		DK	GN	PO					1.00		ep	3.00		Mafic dyke, porphyritic with plagioclase and feldspar phenocrysts. Disseminated pyrite. Blebby epidote and epidote bordering chlorite stringers. Magnetic: disseminated magnetite.
			209.17	215.80	6.63	mKgW	GRD	MG	DK	GN	XC			PRO	3I	1.00		ep	8.00		Moderate propylitic with scattered chlorite/quartz veinlets and stringers, epidote often concentrated around chlorite stringers and/or xenoliths; phyllic envelope around quartz veinlet (211.43-211.74m)
									MD	GY											
			215.80	217.26	1.46	mKgW	GRD	MG	LT	GN	XC			ARG	3I	1.00		he	1.00		Moderate argillic with patchy potassic and propylitic overprint. Carbonate stringers, hematite-stained; trace pyrite.
									DK	GN				POT	1I						
			217.26	219.27	2.01	mKgW	GRD	MG	MD	GN	XC			PRO	3I	2.00		ep	3.00		Moderate propylitic interval containing argillic and phyllic alteration envelope around quartz veinlets/ Disseminated pyrite; epidote and trace hematite in propylitic segments.
									LT	GN				ARG	4I						
			219.27	219.80	0.53	LKqP	FEL		LT	GN				SIL	4I						Silica flooded felsic dyke, cross-cut and brecciated by carbonate veinlets/stringers. Silica net with clay phenocrysts. Gouge at contacts of interval.
			219.80	220.51	0.71	mKgW	GRD	MG	LT	GN	XC			ARG	4I	2.00					Argillic alteration, disseminated pyrite. Mottled quartz, carbonate veinlet (Ankerite)
			220.51	221.69	1.18	mKgW	GRD	MG	MD	GN	XC			PHC	4I	15.00					Strong phyllic overprinting argillic due to quartz vein at 220.79m. Ankerite veinlet space ~1-5cm
									LT	GN				ARG	2I						
			221.69	224.56	2.87	mKgW	GRD	MG	DK	GN	XC			PRO	4I	3.00		ep	5.00		Strong phyllic with patchy potassic alteration. Silica flooded for top third of interval, with blebby pyrite from 221.69m-222.02m. Rest of interval has less silica and less pyrite; more epidote.
									DK	GY				POT	2I			he	1.00		
									DK	PK											
			224.56	230.32	5.76	mKgW	GRD	MG	LT	GN	XC			ARG	5I	1					Strong to intense argillic with patches of hematite staining and phyllic envelopes around some veins. Chalcedony veinlets and stringers throughout, roughly 4 per meter
									LT	PK				PHC	2I						
			230.32	238.70	8.38	mKgW	GRD	MG	DK	GN	XC			PRO	5I	1		ep	1		Intense phyllic with patchy argillic around chalcedony - carbonate veinlets (5 in interval). Carbonate stringers (calcite) throughout, 4-7 per meter. Small gouge and hematite on some fractures.
									DK	GY				POT	1I						
238.70	247.56	8.86				mKgW	GRD	MG	LT	GN	XC			ARG	4I	2					Strong argillic overprinted by a series of vein systems. Pyrite concentrated mostly in propylitic patches. Two major veins at 241m and 246.45m.
									DK	GN				PRO	3I						
			240.90	241.10	0.20	mKgW	GRD	MG	DK	GY	XC			SIL	5I	20		sx	80		Sulfide gouge for 10cm followed by silica flooded phyllic alteration. Fine grained; disseminated pyrite visible. Brecciation texture by quartz visible.
									DK	BK											
			241.10	241.28	0.18	mKgW	GRD	MG	DK	GY	DI			SIL	5I	15		se	2		Extremely silica flooded phyllic obliterating phyllic alteration. Quartz carbonate stringers. Disseminated pyrite and sericite. Downhole grades out into strong phyllic with less silica flooding.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
									DK	GN				PHC	1I						
			246.26	246.60	0.34	mKgW	GRD	MG		WH GY	DI GO			ARG	3I	60					Pyrite pseudo-dodecahedra 1-10mm diameter disseminated through clay gouge. Small phyllic envelope out of interval.
247.56	259.64	12.08				mKgW	GRD	MG	DK	GN	XC		5I	PRO	5I	2		ep	3		Propylitic with phyllic envelopes around veins. Silica flooding weak at the top of interval, growing very intense at the bottom. Disseminated pyrite, blebby euhedral epidote. Trace potassic in top third of interval.
									DK	GY				PHC	4I						
														POT	1I						
			250.63	251.20	0.57	mKgW	GRD	MG	MD	GN	XC		3I	PHC	4I	8		SX	2		Phyllic envelope around quartz carbonate vein hosting massive-blebby pyrite. Disseminated pyrite quickly grades out to 0% over 15cm uphole and downhole.
									LT	GN	XC										
			256.75	259.64	2.89	mKgW	GRD	MG	MD	GN	XC		3I	PRO	4I	1		ep	2		Silicified propylitic; blebs of epidote and hematite. Pyrite veinlets, but no disseminated pyrite. Carbonate stringers roughly 8-10 per meter.
																		he	2		
259.64	262.48																				
			259.64	261.52	1.88	mKgW	GRD	MG	LT	GN	XC		5I	PHC	4I	1					Intensely silicified phyllic envelope around a large (8cm) quartz vein. Carbonate veinlets, 2 per meter.
									MD	GN											
			261.52	262.48	0.96	mKgW	GRD	MG	MD	GN	XC		4I	PRO	3I	1		sp	1		Strongly silica flooded propylitic; blebby pyrite around chlorite veins. Sphalerite stringer at 261.86m.
									DK	GN											
262.48	266.18	3.70			-262.48	mKgW	GRD	MG	LT	GN	XC		3I	ARG	4I	1	1				Argillic interval with strongly silica flooded phyllic envelope around quartz vein. Run in general is silica flooded with disseminated pyrite; several strongly sulfide-impregnated quartz veins.
									MD	GN				PHC	3I						
			263.78	264.67	0.89	mKgW	GRD	MG	MD	GN	XC		5I	PHC	4I	2	1	sp	1		Heavily silicified phyllic envelope around quartz vein system. Arsenic, sphalerite, blebby pyrite concentrated in veins; disseminated pyrite.
									LT	GN											
			265.38	266.02	0.64	mKgW	GRD	MG	MD	GN	XC		3I	PHC	3I	10	2	cp	1		Fairly small phyllic envelope around large milky-grey-smoky quartz carbonate vein. Disseminated to blebby pyrite; massive arsenopyrite; blebby sphalerite; blebby chalcopyrite; crystalline sericite.
									MD	BG	XC							se	1		
																		sp	1		
266.18	279.20	13.02				mKgW	GRD	MG	MD	GN	XC		3I	PRO	4I	2		ep	2		Large propylitic alteration cut by phyllic envelopes and resulting silica from quartz veins. Silica is most intense downhole from veins. Carbonate veinlets and stringers crosscut alteration. Disseminated pyrite throughout but concentrated in silica alteration. Blebby epidote in strongest propylitic. Disseminated to massive arsenopyrite in veins. Carbonate veinlets and stringers concentrated in unaltered propylitic.
									DK	GN				PHC	3I			as	1		
									MD	GY											
			270.68	271.62	0.94	mKgW	GRD	MG	MD	GN	XC		5I	PHC	4I	2	1	sp	1		Strong phyllic envelope around sulfide-rich quartz vein. Disseminated pyrite, clay alteration. Sulfide stringers with sphalerite, pyrite; massive arsenopyrite in vein.
									LT	GN	XC										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			276.35	277.38	1.03	mKgW	GRD	MG	MD	GN	XC		4I	PRO	4I	3		ep	5		Silica flooded propylitic around small grey-milky quartz carbonate vein. Blebby epidote; disseminated pyrite; blebby hematite and also hematite staining.
									DK	GN								he	1		
279.20	282.64	3.44				mKgW	GRD	MG	MD	GN	XC		4I	PHC	4I	1					Silica flooded phyllic alteration around several quartz, quartz carbonate, and ankerite veins; also two short mafic dykes. Carbonate, sulfide stringers throughout, ~1 per 10cm.
									LT	GN											
			280.48	280.81	0.33	mKgW	GRD	MG	LT	GN	XC		3I	ARG	3I	1					Argillic subinterval overprinted by major phyllic interval. Disseminated pyrite from silica flooding; ankerite and quartz veinlets/stringers with pyrite.
									MD	GN				PHC	3I						
282.64	303.02	20.38				mKgW	GRD	MG	MD	GN	XC		3I	PRO	5I	2		ep	4		Long propylitic interval with patches of phyllic around veins; hematite stained argillic. Light-moderate potassic. Disseminated pyrite; blebby epidote. Carbonate stringers throughout, roughly 5 per m.
									MD	GY				POT	2I			he	5		
														ARG				cb	2		
			284.32	284.57	0.25	mKgW	GRD	MG	LT	GN	XC		4I	PHC	4I	2					Silica flooded phyllic envelope around quartz carbonate veinlet. Disseminated to blebby pyrite, carbonate stringers. Beige clay alteration in small patches, 3%
									LT	GY				PRO	1I						
			297.60	298.10	0.50	mKgW	GRD	MG	LT	RD	XC		2I	ARG	4I	1		he	15		Alternating patches of hematite stained argillic and propylitic (Argillic dominant). Hematite stained quartz vein; blood red, fine grained. Carbonate stringers, 1 per 10cm. Disseminated pyrite in propylitic alteration.
									DK	RD				PRO	2I						
									MD	GN											
			298.14	299.06	0.92	mKgW	GRD	MG	LT	GN	XC		3I	ARG	3I	1		he	1		Argillic interval with phyllic at borders, near quartz veins. Mafic dyke (3cm), disseminated pyrite, very light potassic in argillic - feldspar crystals, 10%
									MD	GN				PHC	3I			fd	5		
									MD	GY				POT	1I						
									LT	PK											
			299.53	300.17	0.64	mKgW	GRD	MG	MD	GN	XC		4I	PHC	4I	2		cb	10		Silica flooded phyllic overprinting argillic; carbonate stringers and interstitial carbonate. Disseminated pyrite, also pyrite stringers in quartz veinlets. Large quartz carbonate carbonate/ankerite veinlet at 300m.
									MD	GY											
			301.00	302.48	1.48	mKgW	GRD	MG	MD	GN	XC		3I	PHC	4I	2		se	1		Patchy phyllic envelope around quartz carbonate vein/veinlet, interrupted by small patches of propylitic. Light potassic in propylitic. All is silica flooded. Disseminated-blebby pyrite and epidote, crystalline sericite around and in quartz carbonate veinlets, blebby chalcopyrite with blebby pyrite in veins.
									MD	GY				POT	2I			ep	1		
									DK	GN	XC			PRO	3I			cp	1		
			302.48	303.00	0.52	mKgW	GRD	MG	LT	GN	XC			ARG	4I	1		fd	10		Strong argillic patch with 3cm propylitic segment at downhole end. Disseminated pyrite throughout; carbonate stringers (1 per 15cm). Propylitic/argillic contact with felsic dyke.
									LT	PK	XC			POT	2I						
									MD	GY				PRO	4I						
303.02	313.71	10.69				LKqP	FEL	FG	LT	GN	PO					1					Felsic porphyritic dyke. Many large clasts are clay altered. Lightly disseminated pyrite most visible in fractures

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			308.57	309.87	1.30	LKqP	FEL	FG	MD	GN	PO					1					Porphyritic dyke segment more mafic in composition. Same disseminated pyrite, same flow textures. Ankerite veinlets, 8 per meter.
									LT	GY	PO										
313.71	331.32	17.61				mKgW	GRD	MG	DK	GY	XC					1		ep	2		Largely unaltered granodiorite with patches of propylitic, argillic alteration around veins/veinlets. Two small brecciated zones with disseminated pyrite; blebby epidote concentrated in propylitic but bleeding into granodiorite. Dumortierite on some fracture faces in granodiorite.
									DK	PK	XC										
			313.95	315.59	1.64	mKgW	GRD	MG	LT	GN	XC		3I	ARG	4I	1		cl	1		Strong argillic cut by grey quartz veinlet hosting disseminated pyrite, roughly 4 per meter. Blebby chlorite.
									MD	GY											
			321.81	326.16	4.35	mKgW	GRD	MG	LT	GN	XC		3I	ARG	4I	1		ep	1		Argillic interval with patches of weak propylitic and phyllic alteration. Phyllic borders two breccia zones (322.17m and 325.50m). Quartz carbonate veinlets crosscut entire interval, roughly 7-8 per meter. Blebby to disseminated pyrite in breccias, disseminated pyrite, epidote in propylitic. Lightly hematized argillic alteration, 323.00m-323.55m. EOH at 331.32m\
									MD	GY				PRO	1I						
									LT	RD				HEM	2I						
																					EOH

KLAZA

Hole: DDH-KL-12-82 **Logger Name: D. Walsh and B. Penner**

Depth (m)		DESCRIPTION
59.60		Sharp contact between quartz feldspar porphyry dyke and moderately phyllic altered granodiorite.
68.97		Sharp contact between quartz feldspar porphyry dyke and moderately phyllic altered granodiorite.
208.96		55 degrees. Sharp contact, undulatory. No alteration of granodiorite country rock; thin 5mm cooling margin in dyke.
209.17		60 degrees. Sharp, undulatory contact. No alteration of granodiorite; 5mm cooling margin in dyke.
219.27		50 degrees. Undulatory, gouged (10mm) contact. Strong clay alteration in argillic.
219.80		60 degrees. Undulatory, gouged (40mm) contact. No alteration in argillic country rock; no alteration in dyke.
303.02		40 degrees. Blended, mixed contact. Waves/flames/milkshake swirls for 14cm. Argillic and propylitic altered granodiorite blending with felsic dyke. Brecciated texture for last 5cm, with disseminated pyrite. Oriented phenocrysts in dyke. Slickenslide on fracture.
313.71		40 degrees. Blended/mixed contact between felsic dyke (uphole) and granodiorite. Disseminated pyrite in granodiorite, 1%. Trace specks of pyrite in felsic dyke. Flow swirls and whorls visible in dyke; minor brecciation.
		EOH

KLAZA

Hole: DDH-KL-12-82 **Logger Name:** D. Walsh and B. Penner **Date:** July 17, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	6.70	6.75	55.00					Orange oxidized gouge vein.	
VT	14.70	14.71	70.00			Py	5.00	White carbonate veinlet hosting disseminated pyrite.	
VN	16.14	16.16	65.00			Py	1.00	Grey and white quartz carbonate vein hosting disseminated pyrite.	
VT	16.89	16.92	85.00		2.00	Py	40.00	Two <0.5cm quartz/pyrite/hematite veinlets.	
						He	40.00		
VN	17.10	17.12	75.00			Py	1.00	White carbonate vein hosting hosting minor amounts of quartz and pyrite blebs.	
VN	23.51	23.53	60.00			Py	30.00	Grey quartz vein hosting disseminated pyrite.	
VN	23.70	23.71	65.00			Py	1.00	Vuggy white calcite vein hosting disseminated pyrite.	
GO	25.28	25.34	75.00					Orange gouge vein.	
GO	25.53	25.56				Py	10.00	Grey and orange oxidized gouge vein hosting disseminated pyrite.	
VT	30.33	30.34	65.00			Py	100.00	Pyrite veinlet (0.5cm)	
GO	30.89	30.96	80.00					Oxidized orange gouge vein	
GO	31.14	31.25						Oxidized orange gouge vein	
BX	31.24	31.40				Py	1.00	Heavily broken up black breccia hosting disseminated pyrite.	
GO	31.40	31.50						Oxidized orange gouge vein	
GO	31.54	31.56						Oxidized orange gouge vein	
GO	31.69	31.71						Oxidized orange gouge vein	
VT	35.86	35.87	65.00			Py	20.00	Grey quartz vein hosting disseminated pyrite.	
VN	31.29	31.31	75.00			Py	30.00	Grey quartz vein hosting blebby to disseminated pyrite.	
VT	39.12	39.13	60.00			Py	10.00	Smoky quartz vein hosting disseminated pyrite.	
VN	39.64	40.93	5.00			Py	5.00	Low angle grey to Smoky quartz veinlet (~0.5cm) hosting disseminated to blebby pyrite and hematite.	
						He	3.00		
VT	42.50	43.27			4.00			Four quartz/carbonate veinlets (0.5-0.9cm) which hosts disseminated pyrite.	
VN	48.11	48.12	70.00			Py	15.00	Smoky quartz vein hosting disseminated pyrite.	
VN	47.25	47.26	75.00			Py	60.00	Smoky quartz vein hosting disseminated pyrite.	
VT	49.09	49.10	80.00			Py	7.00	Grey and white quartz carbonate veinlet hosting disseminated pyrite.	
VT	49.35	49.36	60.00			Py	75.00	Smoky quartz pyrite vein.	
VN	50.01	50.02	50.00			Py	1.00	Smoky quartz and white carbonate vein hosting disseminated pyrite.	
VN	50.08	50.09	50.00			Py	40.00	Smoky quartz vein hosting disseminated pyrite.	
VN	52.51	52.72	40.00		3.00	Py	2.00	Three 1cm milky white quartz veins with comb texture. Phyllic alteration between veins hosting disseminated pyrite.	
VN	53.08	53.10	60.00			Py	5.00	Milky white quartz vein hosting blebby pyrite.	
VN	53.66	53.68	60.00			Py	1.00	Milky white quartz vein hosting disseminated pyrite.	
VT	53.93	53.94	80.00			Py	90.00	Grey quartz pyrite veinlet.	
VN	54.31	54.32	80.00			Py	1.00	Milky white to grey quartz vein hosting disseminated pyrite.	
GO	59.50	59.60						Brown gouge vein.	
GO	61.86	61.96	45.00			Py	20.00	Light brown gouge vein.	
VT	69.37	69.38	30.00			Py	1.00	Smoky quartz and white carbonate veinlet hosting disseminated pyrite.	
VN	70.45	70.61	50.00			Py	1.00	Milky white to Smoky quartz vein hosting disseminated pyrite.	
VN	70.28	71.32	50.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	71.61	71.62	70.00			Py	30.00	Grey to milky white quartz vein hosting disseminated pyrite.	
VN	72.53	72.54	50.00			Py	1.00	Grey to Smoky quartz vein hosting disseminate to blebby pyrite.	
GO	73.10	73.30						Brown broken up gouge vein.	
GO	73.85	74.26				Py	1.00	Partially to fully brown/grey gouge altered granodiorite hosting disseminated pyrite.	
VN	88.68	88.69	45.00			Py	<1	Smoky quartz and white carbonate vein hosting trace amounts of disseminated pyrite.	
GO	92.97	92.99	40.00			Py	1.00	Grey to black gouge vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	93.05	93.30				Py	20.00	Partially white to black gouge that has altered parts of the milky white quartz vein which hosts disseminated to blebby pyrite and sphalerite. The pyrite exhibits ghost bladed replacement texture. The milky white quartz is cross-cut by multiple calcite veinlets and stringers. Approximately one third of the vein has been altered to clay gouge.	
						Sp	10.00		
VN	93.90	94.12	40.00			Py	50.00	Milky white quartz vein hosting blebby to semi-massive pyrite and disseminated to blebby sphalerite. The pyrite exhibits moderate amounts of ghost-bladed replacement texture. Milky white quartz is minor cross-cut by calcite veinlets.	
						Sp	15.00		
GO	94.12	94.46				Py	5.00	Partially altered gouge zone hosting disseminated to blebby pyrite.	
VN	95.34	95.39	50.00			Py	15.00	Partially gouge altered quartz sulphide vein hosting blebby pyrite an black sulphide stringers.	
VN	98.03	98.04	80.00			Py	<1	White carbonate vein hosting trace amounts of disseminated pyrite.	
VN	98.45	98.46	70.00			Py	<1	Grey quartz vein hosting trace amounts of disseminated pyrite.	
VT	98.65	98.66	70.00			Sp	8.00	White carbonate veinlet hosting disseminated sphalerite.	
BX	101.52	101.60	30.00			Py	1.00	Black breccia hosting disseminated pyrite. Breccia is strongly silicified.	
GO	101.60	101.92	30.00			Py	1.00	White to grey gouge vein hosting disseminated pyrite.	
VN	104.04	104.20	25.00					White calcite vein.	
GO	106.91	107.37	20.00			Py	1.00	Grey gouge zone with a black sulphide gouge vein (2cm) crosscutting it through the center at 20°.	
BX	108.61	108.67	80.00			Py	3.00	Black breccia hosting disseminated pyrite.	
VN	108.76	108.78	85.00			Py	1.00	Dark grey quartz vein hosting disseminated pyrite.	
VN	108.81	108.82	55.00			Py	<1	Grey gouge vein hosting disseminated pyrite.	
VT	110.11	110.12	85.00			Py	30.00	Grey quartz and pyrite veinlet.	
VN	110.27	110.28	50.00			Py	60.00	Grey and white quartz/carbonate vein hosting blebby pyrite.	
GO	110.91	11.31	15.00			Py	<1	Low angle 1.5cm black gouge vein hosting disseminated pyrite.	
VN	112.64	112.72				Py	1.00	Broken up grey quartz vein hosting disseminated to blebby pyrite.	
VN	113.60	113.75						Broken up grey quartz vein hosting disseminated to blebby pyrite.	
VN	119.59	119.60	50.00					Brown and grey gouge vein.	
GO	119.59	119.60	70.00			Py	5.00	Smoky quartz and white carbonate vein hosting disseminated pyrite.	
VN	120.59	120.60	85.00			Py	10.00	Grey and white quartz/carbonate vein hosting disseminated pyrite and sphalerite.	
						Sp	5.00		
GO	120.78	120.83						Grey gouge vein	
VN	120.99	121.00	70.00			Py	<1	White carbonate vein hosting disseminated pyrite.	
VN	121.39	121.40	60.00			Py	50.00	White carbonate vein hosting blebby pyrite.	
GO	121.65	121.79	20.00			Py	5.00	Grey to black 2cm gouge vein hosting disseminated pyrite. Gouge vein has broken up with a white carbonate vein which hosts disseminate pyrite.	
GO	121.87	121.93	75.00			Py	<1	Grey gouge vein hosting disseminated pyrite.	
GO	122.48	123.00				Py	<1	Grey to black partially gouge altered phyllic granodiorite.	
GO	123.10	123.68						Moderately phyllic altered granodiorite that is partially altered to clay gouge.	
GO	123.68	124.05						Grey to black gouge vein.	
VN	124.07	124.09	70.00			Py	25.00	White carbonate vein hosting blebby pyrite which exhibits ghost bladed texture.	
GO	124.30	124.50						Orange and grey partially to fully gouge altered granodiorite.	
VN	125.22	125.25	55.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	128.47	128.48	85.00			Py	3.00	Milky white quartz vein hosting disseminated pyrite.	
VN	128.86	128.92	35.00			Py	3.00	Milky white to grey quartz vein hosting disseminated pyrite.	
VN	128.95	128.97	85.00			Py	5.00	White carbonate vein hosting disseminated pyrite.	
VN	130.36	130.38	25.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	130.79	130.80	35.00			Py	1.00	Smoky quartz and white carbonate vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	131.41	131.44	50.00			Py	1.00	Smoky quartz and white carbonate veinlet hosting disseminated pyrite. White carbonate has partially brecciated the Smoky quartz.	
VT	132.50	132.51	85.00			Py	1.00	Smoky quartz brecciated by white carbonate hosting disseminated pyrite.	
BX	132.65	132.72	70.00			Py	1.00	Smoky quartz and white carbonate veinlet hosting disseminated to blebby pyrite and disseminated arsenopyrite.	
VT	132.76	132.77	80.00			Py	30.00	Grey quartz veinlet hosting disseminated pyrite.	
						As	3.00		
VT	132.82	132.83	80.00			Py	20.00	Partially gouge altered grey quartz vein hosting disseminate pyrite.	
GO	133.91	134.06	40.00			Py	1.00	Grey to black gouge vein hosting disseminated pyrite and grey quartz clasts which hosts disseminated to blebby pyrite.	
VN	140.71	141.03	45.00		3.00	Py	3.00	Three 1-1.5cm Smoky quartz and white carbonate veins which hosts disseminated pyrite and blebby sphalerite.	
						Sp	1.00		
VN	142.31	142.34	55.00			Py	2.00	Grey quartz and white carbonate vein hosting disseminated pyrite.	
GO	142.82	142.92				Py	3.00	Grey to black gouge vein hosting disseminated pyrite and grey quartz clasts with disseminated to blebby pyrite.	
VN	146.06	146.08	35.00			Py	<1	White carbonate vein hosting trace amounts of disseminated pyrite.	
VT	148.19	140.40	85.00		9.00	Py	3.00	Black sulphide veinlet and stringer zone that has been partially altered to clay gouge and hosts disseminated pyrite.	
VN	150.57	150.61	85.00			Py	5.00	White carbonate vein hosting disseminated pyrite.	
VN	150.90	150.91	80.00			Py	10.00	Grey quartz vein hosting disseminated pyrite.	
VN	158.30	158.32	70.00			Py	10.00	Grey quartz vein hosting blebby pyrite and sphalerite.	
						Sp	35.00		
VT	164.56	164.69	65.00		2.00	Py	20.00	Grey quartz veinlets (<0.5cm) hosting disseminated pyrite, sphalerite and galena.	
						Sp	50.00		
						Gn	5.00		
GO	168.90	169.20				Py	<1	Grey to black clay gouge hosting disseminated pyrite.	
BX	169.20	169.46				Py	5.00	Partially gouge altered grey quartz vein and white carbonate breccia, which hosts disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	1.00		
VT	169.80	170.25	10.00			Py	30.00	0.1-0.5cm veinlet hosting disseminated to blebby pyrite, sphalerite and galena.	
						Sp	50.00		
						Gn	10.00		
GO	170.28	172.40				Py	3.00	Grey to dark grey partial to fully gouge altered phyllic granodiorite. The majority of the interval is completely gouge altered and hosts disseminated to blebby pyrite.	
VN	178.43	179.33	15.00			Py	<1	Long low angle 2-3cm wide grey quartz vein hosting disseminated pyrite.	
VN	181.67	181.69	60.00			Py	10.00	Smoky quartz and white carbonate vein hosting disseminated pyrite.	
VT	181.95	181.96	70.00			Py	1.00	White carbonate veinlet hosting disseminated pyrite.	
VN	185.60	186.17	15.00			Py	100.00	2cm massive pyrite vein.	
VN	186.22	186.30	80.00			Py	60.00	Grey quartz and black sulphide vein hosting blebby to massive pyrite and blebby sphalerite and galena.	
						Sp	10.00		
						Gn	10.00		
VT	189.07	189.08	70.00			Py	2.00	Grey gouge veinlet hosting disseminated pyrite.	
VN	189.18	189.22	50.00					Grey quartz and blebby to semi-massive pyrite vein.	
VN	189.35	189.36	80.00			Py	5.00	Milky white quartz vein hosting disseminated pyrite.	
VN	191.28	191.29	80.00			Py	50.00	Grey quartz vein hosting disseminated pyrite and black sulphides.	
VN	191.59	191.69	85.00		3.00	Py	7.00	Grey quartz vein hosting disseminated pyrite and black sulphides.	
VN	195.12	195.17	50.00			PY	1.00	Grey quartz vein hosting trace amounts of disseminated pyrite	
VT	195.34	195.35	50.00		1.00	Sp	6.00	Grey quartz carbonate veinlet hosting blebby sphalerite and pyrite. Veinlet has silicified surrounding phyllic alteration	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Py	3.00		
VN	195.62	195.63	85.00		1.00	Py	5.00	Smoky grey quartz vein hosting blebby pyrite, arsenopyrite, sphalerite, galena. Galena: trace. Pyrite: blebby. Sphalerite: bordering pyrite blebs. Arsenopyrite: massive-felted needle texture	
						As	5.00		
						Sp	2.00		
						Ga	1.00		
VN	198.41	198.43	15.00		1.00	Py	1.00	20mm banded smoky-grey quartz vein, disseminated blebs of pyrite	
VT	202.33	202.44	30.00		1.00			gouged fracture, hematite stained, 5mm wide	
VN	205.26	205.27	20.00		1.00			gouged, hematite stained joint. Banded carbonate gouge, 12mm thick	
ST	208.29	208.10	75.00		1.00			Carbonate stringer with small propylitic envelope	
VT	210.53	210.77	45.00		3.00	Py	10.00	Discontinuous smoky quartz veinlet hosting carbonate stringer, hematite stained. Blebby and evenly spaced pyrite. Patchy propylitic alteration, epidote blebs in envelope around 2 cm wide	
						Cb	2.00		
VT	211.55	211.56	85.00		1.00	py	10.00	8mm wide grey-milky quartz veinlet hosting ankerite (2mm), blebby pyrite, and trace galena	
						ga	1.00		
VT	214.44	214.54	30.00		2.00	py	2.00	7mm grey-milky quartz veinlet, disseminated pyrite	
VT	214.73	214.74	80.00		1.00	py	7.00	3mm discontinuous quartz carbonate veinlet, disseminated pyrite, banded chlorite	
DY	215.24	215.32	45.00		1.00	py	1.00	Fine grained, mafic dyke, porphyritic with quartz, plagioclase phenocrysts. Crosscut by small chlorite stringers hosting pyrite with epidote envelope (2)	
						ep	8.00		
VT	215.77	215.78	50.00		1.00	ep	2.00	Smoky quartz veinlet; uphole is propylitic and downhole is argillic	
VT	216.44	216.48	65.00		2.00	py	5.00	4mm quartz carbonate veinlet; grey quartz and ankerite; discontinuous cb microfractures	
VT	217.21	217.22	70.00		1.00	sp	30.00	8mm grey-milky quartz veinlet hosting high percentage of massive sphalerite, blebby pyrite, massive to acicular arsenopyrite	
						py	15.00		
						as	15.00		
VT	217.91	218.22	70.00		3.00	py	10.00	Discontinuous grey quartz and carbonate microfractures (calcite and ankerite)	
VT	218.57	218.58	60.00		1.00	py	5.00	Grey-milky quartz carbonate veinlet hosting blebby-disseminated pyrite and trace crystals of sphalerite. Vuggy.	
						sp	1.00		
VT	218.84	218.85	65.00		1.00	sp	70.00	Grey-milky quartz veinlet hosting massive sphalerite	
						py	1.00		
VN	219.17	219.19	45.00		1.00	sp	8.00	Grey-milky quartz vein hosting sphalerite veinlet and blebby pyrite	
						py	6.00		
GO	219.27	219.28	40.00		1.00			Gouge contact at top of dyke intrusion	
GO	219.80	219.84	60.00		1.00			Gouge contact at bottom of dyke intrusion	
VT	221.54	221.64	60.00		3.00	py	2.00	Grey, translucent quartz carbonate veinlet hosting disseminated to blebby pyrite	
VN	220.77	220.82	65.00		1.00	py	40.00	Smoky-milky-grey quartz carbonate vein; smoky brecciates milky quartz. Pyrite veinlets bordering quartz carbonate on both sides. Blebby pyrite within. Crosscut and offset by a perpendicular carbonate stringer. Detailed photo	
VN	221.59	221.75	10.00		1.00	py	15.00	Chlorite-quartz-carbonate veinlet with blebby pyrite	
VT	223.07	223.08	80.00		1.00			Carbonate veinlet	
VT	224.14	224.15	50.00		1.00			Carbonate veinlet	
VT	224.87	224.88	70.00		1.00	py	2.00	Grey quartz veinlet with chlorite, blebby pyrite	
						he	3.00		
VN	226.53	226.55	70.00		1.00	py	30.00	Grey quartz vein hosting blebby-massive pyrite; calcite microfractures throughout. Phyllic alteration halo 6cm either side	
VT	229.57	229.58	70.00		1.00	py	8.00	Milky grey quartz veinlet, 2mm, hosting disseminated to blebby pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	231.71	231.72	65.00		1.00	py	4.00	Grey quartz veinlet, 3mm, hosting disseminated to blebby pyrite. Calcite microfractures throughout	
VT	236.46	237.39	65.00		2.00	py	3.00	Grey quartz carbonate veinlet, 2mm, blebby pyrite	
VT	239.31	239.22	50.00		1.00	py	5.00	Grey quartz veinlet, 7mm, blebby pyrite. Crosscut by carbonate stringers	
VN	240.90	241.10	70.00		1.00	py	65.00	240.90-241.00m: sulfide-clay gouge. Pyrite crystals up to 6mm and disseminated pyrite. 241.00-241.10mm: competent sulfide vein with disseminated pyrite; massive to blebby arsenopyrite. Brecciated quartz texture.	
						sx	90.00		
						as	4.00		
VT	242.14	242.16	55.00		1.00	py	6.00	Grey quartz veinlet, disseminated to blebby pyrite, carbonate microfractures	
VT	242.46	242.47	35.00		1.00	py	2.00	Milky quartz veinlet, disseminated pyrite, carbonate microfractures	
VT	244.08	244.09	12.00		1.00	py	2.00	2mm quartz veinlet with carbonate microfracture, disseminated pyrite	
GO/VN	244.61	244.67	75.00		1.00	py	25.00	Brecciated grey-smoky quartz vein with disseminated pyrite and arsenopyrite, with adjacent chalcedony vein hosting massive to blebby pyrite and arsenopyrite. Carbonate microfractures at borders.	
						as	7.00		
						sp	1.00		
GO	246.26	246.60	80.00		1.00	py	60.00	clay gouge with pyrite crystals 1-10mm diameter, pseudo-dodecahedra.	
ST	246.87	246.97	80.00		3.00	py	80.00	pyrite stringers, 1mm, with associated chlorite	
VT	247.00	247.01	55.00		1.00	py	10.00	Grey-milky quartz veinlet with blebby pyrite, sphalerite. Discontinuous pyrite stringer through center	
						sp	1.00		
VN	250.90	250.98	70.00			py	40.00	Milky grey quartz with carbonate crystals at borders; massive to blebby pyrite. Discontinuous carbonate veinlet within vein, also sulfide stringer. Sphalerite blebs with pyrite.	
						sp	1.00		
VT	253.01	253.11	85.00		2.00	py	1.00	Carbonate veinlet, disseminated pyrite around borders. Hematite blebs	
						he	1.00		
VN	255.59	255.60	60.00		1.00			Carbonate veinlet, discontinuous carbonate stringers adjacent and through veinlet. Green and pink staining in blebs	
VT	256.41	256.42	70.00		1.00	py	1.00	Carbonate veinlet with discontinuous carbonate-chloride stringers. Blebby pyrite.	
VT	258.29	258.30	20.00		1.00	py	100.00	Pyrite veinlet with carbonate stringer border	
VN	259.89	259.98	60.00		1.00	py	1.00	Large grey quartz vein with carbonate stringers and veinlets crosscutting. Disseminated pyrite	
VT	260.19	260.20	75.00		1.00	sp	1.00	Milky quartz carbonate veinlet with carbonate stringers adjacent. Sphalerite blebs	
VT	260.42	260.43	60.00		1.00	py	1.00	Carbonate veinlet with carbonate microfractures	
VT	261.62	261.63	50.00		1.00	py	2.00	Milky-grey quartz veinlet with carbonate stringers; disseminated to blebby pyrite and one large (14mm x 5mm) bleb of sphalerite	
						sp	2.00		
ST	261.85	261.86	30.00		1.00	py	6.00	Sphalerite stringer with blebby pyrite	
						sp	80.00		
VN	262.55	262.56	70.00		1.00	as	8.00	Grey to smoky quartz vein with carbonate stringers. Disseminated arsenopyrite, pyrite; sphalerite stringer	
						py	2.00		
						sp	3.00		
VT	262.99	263.00	70.00		2.00	py	20.00	Grey quartz veinlet with carbonate stringers and blebby pyrite	
VN	263.08	263.10	75.00		1.00	sp	1.00	Smoky-grey quartz veinlet, blebby pyrite. Crustiform. Blebby sphalerite and trace chalcopyrite	
						cp	1.00		
	264.17	264.18	70.00		1.00	py	1.00	Grey quartz carbonate veinlet. Disseminated pyrite, chlorite	
VN	264.26	264.66	70.00		5.00	py	10.00	Grey-milky-smoky quartz veins/veinlets with chalcedony microfractures. Blebby pyrite, sphalerite, arsenopyrite; brecciated texture. Gouge on one fracture face; 2mm, rich in sulfides (black).	
						sp	5.00		
						as	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	265.56	265.70	80.00		1.00	py	35.00	Strongly brecciated, crustiform, vuggy, milky grey quartz carbonate vein, 14cm long. Massive pyrite and chalcopyrite. Discontinuous carbonate microfractures, 1%. 1.5cm wide zoned/brecciated quartz carbonate vein at uphole end. Massive arsenopyrite, blebby sphalerite. Detailed photo.	
						cp	8.00		
						sp	1.00		
						as	5.00		
VT	270.40	270.42	60.00		1.00	py	8.00	Grey/smoky quartz/chalcedony veinlet/ stringer wrapped in a tight phyllic envelope (1-2cm), rich in blebby pyrite, massive to acicular/cobwebby as, blebby sp.	
						as	7.00		
						sp	2.00		
VT	270.42	271.28	60		6	py	10.00	Grey-smoky quartz carbonate/chalcedony veinlet/stringer hosting blebby pyrite, sphalerite. Crustiform texture, small vugs. Small traces of sericite.	
						sp	2.00		
						as	1.00		
						cb	1.00		
						se	1.00		
VN	271.32	271.44	75		1.00	py	30.00	12cm wide smoky grey quartz vein with 1.5cm milky quartz carbonate vein cutting through, brecciating slightly. Crustiform. Massive to blebby pyrite, blebby sphalerite, massive to felted-needle/cobweb texture arsenopyrite.	
						sp	1.00		
						as	7.00		
VT	273.84	273.85	65		1.00	py	40.00	2mm milky grey quartz carbonate veinlet with small 2cm phyllic envelope, hosting blebby to massive pyrite and blebby sphalerite	
						sp	5.00		
GO	274.11	274.13	60		1.00	sx	60.00	1.5cm wide clay gouge, smoky grey with disseminated pyrite. Phyllic envelope.	
						py	1.00		
VT	274.76	274.77	60		1.00	sp	3.00	Milky grey quartz carbonate veinlet, minor crustiform. Blebby sphalerite, blebby to disseminated pyrite.	
						py	2.00		
VN/GO	275.00	275.03	30		1.00	py	5.00	Chalcedony vein with milky-grey, blebby quartz. Crustiform texture. Carbonate and chalcedony microfractures (discontinuous). Blebby pyrite, sulfide/clay gouge (1-1.5cm) with disseminated pyrite.	
						sx	40.00		
VT	275.50	275.51	80		1.00	py	5.00	Grey quartz carbonate veinlet with pervasive discontinuous chalcedony/carbonate microfractures. Blebby pyrite.	
DY	277.55	277.59	55		1.00	py	1.00	Mafic, porphyritic dyke 4cm wide. Sharp contact with cooling margin (3mm); blebby disseminated pyrite, blebby hematite, slight clay alteration. Medium to dark green colour, phenocrysts 1-3mm. Non-magnetic.	
						he	1.00		
VT	280.04	280.05	50		1.00	py	1.00	Grey wuartz carbonate veinlet, zonal/crustiform Blebby pyrite.	
VN	280.27	280.37	85		1.00	cp	2.00	10cm wide quartz carbonate vein. Brecciation textures of quartz; ankerite vein 1.3cm wide has comb texture with adjacent grey translucent quartz. Overall, quartz is smoky grey. Discontinuous carbonate microfractures. Blebby to massive pyrite, massive chalcopyrite, trace arsenopyrite and sphalerite.	
						py	10.00		
						sp	1.00		
						as	1.00		
VT	280.64	280.65	65		1.00	py	8.00	Grey to smoky quartz veinlet, crustiform, hosting blebby pyrite and sphalerite. Pyrite borders quartz. Clay altered microfractures crosscut, 1 per 5cm. Narrow phyllic envelope.	
						sp	2.00		
VT	280 99	281.26	45		6.00	ak	40.00	Ankerite/calcite veinlet group, discontinuous microfractures. Vuggy, associated disseminated pyrite.	
						ca	60.00		
						py	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
								Series of mafic dykes crosscutting phyllic alteration. Trace clay alteration of phenocrysts, 1.5cm dyke, 2.5cm dyke. 10cm dyke brecciating host phyllic. More alteration in breccia. Phenocrysts 1-6mm diameter. Segments of a brecciated pyrite vein 1cm x 3cm with crustiform grey-milky quartz/sphalerite border. Blebs of pyrite, sphalerite. Gouge at downhole	
DY	281.57	281.84	60		2.00	py	7.00	contact, 5mm wide.	
						sp	1.00		
VT	285.00	285.01	60		1.00	py	1.00	Milky-grey, crustiform quartz veinlet with carbonate microfractures discontinuous and parallel. Disseminated pyrite.	
VN	290.58	290.59	50		1.00	ca	100.00	Calcite vein 1cm. Discontinuous; small phyllic envelope (1cm)	
								Grey quartz carbonate veinlet. Crustiform. Chlorite stained border with blebby epidote in patches immediately adjacent.	
VT	292.75	292.76	15		1.00	py	1.00	Disseminated pyrite.	
VT	296.85	296.86	50		1.00	he	1.00	Hematite stained quartz veinlet, discontinuous and smooth, in strongly hematite stained argillic interval.	
VT	298.05	298.12	80		3.00	py	1.00	Grey crustiform quartz carbonate veinlets, disseminated pyrite, hematite. 5 percent carbonate.	
						he	1.00		
								Two mafic dykes; first is 4mm, second is 3.1cm. Brecciation of phyllic host; dyke crosscuts a quartz carbonate veinlet.	
DY	298.72	298.86	80		2.00	py	1.00	Disseminated to blebby pyrite. Non-magnetic.	
								Grey crustiform quartz carbonate veinlet/vein. Carbonate microfractures pervasive and parallel. Blebby to disseminated	
VT/VN	300.61	301.97	60		10.00	se	2.00	pyrite; crystalline sericite.	
						py	3.00		
								Felsic dyke contact. Blended/mixed and brecciated. Phenocrysts in dyke are aligned to flow pattern. Light coloured swirls	
DY	303.02	303.15		40	1.00	py	1.00	and whorls further evidence of solidified flow pattern.\	
VT	308.72	309.80	30-50		8.00	py	1.00	Ankerite veinlets, discontinuous, blebby to disseminated pyrite.	
								Blended dyke-argillic granodiorite contact. Flow textures; quartz carbonate veinlets and microfractures crosscutting.	
DY	313.71	313.81		40	1.00	py	1.00	Disseminated pyrite	
								Grey to smoky quartz vein/veinlets hosting/crosscut by carbonate veinlets and microfractures. Apparent source of argillic	
VN/VT	315.10	315.98	65-85		9.00	py	3.00	alteration in this interval. Disseminated to blebby pyrite.	
								Grey to milky quartz carbonate veinlet hosting blebby pyrite. Hematite staining, some hematite blebs at borders of veinlet.	
VT	318.63	318.81		70	2.00	py	5.00	Light crustiform texture.	
VT	319.24	319.25		30	1.00	py	7.00	Grey-milky quartz carbonate veinlet hosting blebs of pyrite. Minor phyllic envelope, 1cm.	
VT	319.76	319.79		75	2.00	py	15.00	Milky grey quartz carbonate veinlets hosting blebby to massive pyrite. Green (chlorite) staining, 1%.	
VT	320.22	320.23		45	1.00	py	3.00	Milky quartz veinlet hosting disseminated to blebby pyrite.	
								Two brecciated veins: first is 19cm long, second is 25cm long. Smoky-grey quartz with minor carbonate in stringers of host argillic clasts; 1%. Brown, banded chalcedony veinlet (discontinuous) in second. Blebby to disseminated pyrite; first	
VN/BX	322.12	325.64			2.00	py	7.00	has gouge (5mm) at downhole contact.	
VT	325.89	326.96		70	5.00	py	2.00	Milky-grey crustiform quartz carbonate veinlets, disseminated pyrite with some blebs. EOH at 331.32m	
								EOH	

KLAZA

Hole: DDH-KL-12-82 **Date: July 17, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
11.13	10.1	6.3	848.3	528.6	GRD						2.694369	2.653425	Grey granodiorite.
36.47	10	6.3	895.6	578	GRD		PHC	4I	Py	3	2.873049	2.819899	Strongly phyllic and moderately silicified granodiorite hosting disseminated pyrite.
							SIL	3I					
44.6	10.2	6.3	805.7	481.4	GRD		ARG	3I			2.533974	2.484428	Moderately argillic altered granodiorite with a moderately potassic overprint.
							POT	3I					
65.67	9.9	6.3	833	518.7	FEL						2.699223	2.650334	Grey quartz feldspar porphyry dyke.
74.96	10.1	6.3	803.8	484.1	GRD		ARG	3I			2.553028	2.514232	Moderately argillic altered granodiorite with weak propyllitic overprint and is weakly oxidized.
							PRO	2I					
							OXI	2I					
89.56	9.9	6.3	834	521.7	GRD		PRO	2I			2.702464	2.670509	Weakly propyllitic altered granodiorite.
104.1	9.9	6.3	825.3	515.3	GRD		PHC	3I			2.674273	2.662258	Approximately two thirds moderate phyllic altered granodiorite and one third white calcite vein.
104.7	9.9	6.3	909.5	499.4	GRD		PHC	3I			2.947111	2.217752	Moderate phyllic altered granodiorite.
128.33	9.7	6.3	840.4	531.1	GRD		PRO	4I	Py	5	2.779351	2.717103	Strongly silicified and propyllitic and weakly phyllic altered granodiorite hosting a grey to milky white quartz veinlet with blebby pyrite.
							PHC	2I					
139.54	9.7	6.3	829.5	520	GRD		PRO	2I	Py	2	2.743302	2.680129	Weakly propyllitic altered granodiorite with a weak potassic overprint.
									Ep	10			
145.1	10.3	6.3	890.8	560	GRD		PHC	3I	Py	<1	2.774419	2.692866	Moderately phyllic altered and silicified granodiorite.
153.63	9.7	6.3	800.6	491.2	GRD		PRO	3I			2.647725	2.587589	Dominantly propylitic alteration, trace patchy potassic with argillic and phyllic on either side
							PHC	2I					
							ARG	2I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
177.97	10.5	6.3	900.4	564.7	GRD		PRO	2I	py	1	2.750903	2.682157	Silica flooded, moderate propylitic with disseminated pyrite
							SIL	5I					
186.92	9.2	6.3	808.9	512.6	GRD		PHC	4I	py	6	2.820564	2.730003	Strong phyllic alteration with grey quartz veinlet hosting blebby pyrite and sphalerite. Small carbonate stringer.
									sp	1			
202.74	9.6	6.3	818.1	508.3	GRD		PRO	2I	ep	7	2.733784	2.640736	Weak propylitic alteration with strong potassic; blebby epidote and hematite; trace pyrite; carbonate stringers
							POT	4I	hem	10			
									py	1			
209.03	9.9	6.3	856.2	537.6	MAF						2.7744	2.687382	Mafic, porphyritic dyke. Magnetic.
232.9	10	6.3	841.8	519.4	GRD		PRO	3I			2.700461	2.611042	Moderate propylitic, no sulfides. Carbonate stringers, 1 per cm
239.06	9.7	6.3	835	521.2	GRD		ARG	4I	py	1	2.761492	2.660931	Grey quartz veinlet crosscut by carbonate stringers. Blebby pyrite; phyllic overprinting argillic.
260.79	10.1	6.3	855.5	530.3	GRD		PHC	3I			2.717238	2.630689	heavily silicified phyllic with carbonate veinlets
							SIL	5I					
276.7	9.9	6.3	838.6	549.6	GRD		PRO	5I	ep	4	2.717369	2.90173	Strong silica flooding propylitic. Blebby epidote, disseminated pyrite.
							SIL	4I	py	1			
282.1	9.6	6.3	809.4	514.3	GRD		PHC	4I			2.704712	2.742799	Silica flooded phyllic. Beige clay alteration.
							SIL	3I					
296.76	9.6	6.3	780.8	493.1	GRD		ARG	4I	he	2	2.609141	2.713938	Moderately silica flooded, strongly hematite stained argillic alteration. 7mm hematite stained quartz veinlet, smaller veinlets and stringers throughout.
							SIL	3I					
							HEM	4I					
305.14	6.3	6.3	528.9	328.6	FEL				py	1	2.693159	2.640539	Weakly to moderately clay altered felsic dyke

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
309.08	9.8	6.3	808.1	495.7	FEL				py	1	2.645258	2.586748	Clay altered dyke, slightly more mafic than surrounding composition. Discontinuous ankerite veinlet, clay altered phenocrysts.
325.48	10.3	6.3	881.4	553.1	GRD		ARG		py	7	2.745142	2.68474	Smoky grey quartz vein brecciating argillic/phyllic host rock. Disseminated-blebby pyrite, large clay altered clasts of host. Banded chalcedony veinlet
							PHC						
330.64	9.8	6.3	824.3	507.7	GRD		PRO	1I	ep	1	2.698288	2.603601	Unaltered granodiorite, trace propylitic
													EOH

KLAZA

Hole: DDH-KL-12-82 **Date: July 17, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
3.68	4.98	1.30	1.28	98.5	M897354	1				
4.98	6.19	1.21	1.10	90.9	M897355	1				
6.19	7.32	1.13	1.12	99.1	M897356	1				
7.32	10.19	2.87	2.88	100	M897357	1				
10.19	13.20	3.01	3.00	99.7	M897358	1				
					M897359	1				Coarse Reject Duplicate
13.20	14.76	1.56	1.56	100	M897360	1				
14.76	16.16	1.40	1.40	100	M897361	1				
16.16	17.16	1.00	1.00	100	M897362	1				
17.16	18.30	1.14	1.14	100	M897363	1				
					M897364	1				Klaza Standard-2
18.30	20.78	2.48	2.48	100	M897365	1				
					M897366	1				Duplicate
20.78	23.14	2.36	2.32	98.3	M897367	1				
23.14	24.14	1.00	1.00	100	M897368	1				
					M897369	1				Blank
24.14	25.14	1.00	1.00	100	M897370	1				
25.14	26.14	1.00	1.00	100	M897371	1				
26.14	27.21	1.07	1.00	93.5	M897372	1				
					M897373	1				Klaza Standard-2
27.21	28.43	1.22	1.22	100	M897374	1				
28.43	30.30	1.87	1.68	89.8	M897375	1				
30.30	31.70	1.40	1.40	100	M897376	1				
					M897377	1				Blank
31.70	33.03	1.33	1.33	100	M897378	1				
33.03	35.78	2.75	2.72	98.9	M897379	1				
35.78	36.79	1.01	1.00	99	M897380	1				
36.79	37.68	0.89	0.89	100	M897381	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
37.68	38.68	1.00	1.00	100	M897382	1				
38.68	39.68	1.00	1.00	100	M897383	1				
39.68	40.88	1.20	1.20	100	M897384	1				
40.88	42.35	1.47	1.46	99.3	M897385	1				
42.35	43.36	1.01	1.00	99	M897386	1				
43.36	46.36	3.00	3.00	100	M897387	1				
46.36	48.04	1.68	1.54	91.7	M897388	1				
48.04	49.04	1.00	1.00	100	M897389	1				
49.04	50.14	1.10	1.10	100	M897390	2				
					M897391	2				Klaza Standard-2
50.14	52.48	2.34	2.34	100	M897392	2				
52.48	53.48	1.00	1.00	100	M897393	2				
53.48	54.48	1.00	1.00	100	M897394	2				
					M897395	2				Blank
54.48	55.48	1.00	1.00	100	M897396	2				
55.48	56.98	1.50	1.50	100	M897397	2				
56.98	58.70	1.72	1.70	98.8	M897398	2				
					M897399	2				Coarse Reject Duplicate
58.70	59.70	1.00	1.00	100	M897400	2				
59.70	62.22	2.52	2.47	98	M899701	2				
62.22	65.07	2.85	2.85	100	M899702	2				
65.07	67.78	2.71	2.71	100	M899703	2				
67.78	68.97	1.19	1.19	100	M899704	2				
					M899705	2				Klaza Standard-2
68.97	70.37	1.40	1.40	100	M899706	2				
70.37	71.90	1.53	1.44	94.1	M899707	2				
71.90	73.26	1.36	1.31	96.3	M899708	2				
					M899709	2				Blank
73.26	74.46	1.20	1.20	100	M899710	2				
74.46	75.46	1.00	1.00	100	M899711	2				
75.46	78.46	3.00	3.00	100	M899712	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
78.46	80.40	1.94	1.90	97.9	M899713	2				
80.40	83.10	2.70	2.70	100	M899714	2				
83.10	85.16	2.06	2.06	100	M899715	2				
85.16	86.16	1.00	1.00	100	M899716	2				
86.16	88.30	2.14	2.10	98.1	M899717	2				
88.30	89.30	1.00	1.00	100	M899718	2				
					M899719	2				Duplicate
89.30	91.90	2.60	2.60	100	M899720	2				
91.90	92.90	1.00	1.00	100	M899721	2				
92.90	94.50	1.60	1.60	100	M899722	2				
94.50	96.09	1.59	1.52	95.6	M899723	2				
96.09	97.70	1.61	1.01	62.7	M899724	2				
97.70	98.70	1.00	1.00	100	M899725	2				
98.70	101.28	2.58	2.54	98.4	M899726	3				
101.28	102.28	1.00	1.00	100	M899727	3				
					M899728	3				Blank
102.28	105.14	2.86	2.70	94.4	M899729	3				
105.14	107.13	1.99	1.99	100	M899730	3				
107.13	108.04	0.91	0.91	100	M899731	3				
108.04	109.10	1.06	1.00	94.3	M899732	3				
					M899733	3				Blank
109.10	110.10	1.00	1.00	100	M899734	3				
110.10	111.67	1.57	1.57	100	M899735	3				
111.67	113.89	2.22	2.05	92.3	M899736	3				
113.89	116.87	2.98	2.60	87.2	M899737	3				
					M899738	3				Klaza Standard-2
116.87	119.60	2.73	2.70	98.9	M899739	3				
119.60	121.36	1.76	1.74	98.9	M899740	3				
121.36	122.40	1.04	1.04	100	M899741	3				
122.40	123.48	1.08	1.00	92.6	M899742	3				
123.48	124.50	1.02	1.01	99	M899743	3				
124.50	127.64	3.14	3.14	100	M899744	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M899745	3				Coarse Reject Duplicate
127.64	129.04	1.40	1.40	100	M899746	3				
129.04	131.34	2.30	2.30	100	M899747	3				
131.34	132.85	1.51	1.51	100	M899748	3				
					M899749	3				Klaza Standard-3
132.85	134.05	1.20	1.20	100	M899750	3				
134.05	136.66	2.61	2.55	97.7	N810401	3				
136.66	137.68	1.02	1.00	98	N810402	3				
					N810403	3				Duplicate.
137.68	140.10	2.42	2.42	100	N810404	3				
140.10	141.20	1.10	1.05	95.5	N810405	3				
141.20	142.24	1.04	1.04	100	N810406	3				
142.24	143.24	1.00	1.00	100	N810407	3				
143.24	144.64	1.40	1.40	100	N810408	3				
144.64	145.67	1.03	1.03	100	N810409	3				
145.67	147.43	1.76	1.72	97.7	N810410	3				
147.43	148.43	1.00	1.00	100	N810411	3				
148.43	150.10	1.67	1.67	100	N810412	4				
150.10	151.10	1.00	1.00	100	N810413	4				
151.10	152.94	1.84	1.84	100	N810414	4				
					N810415	4				1/4 duplicate
152.94	153.97	1.03	1.00	97.1	N810416	4				
153.97	156.00	2.03	2.03	100	N810417	4				
156.00	158.22	2.22	2.20	99.1	N810418	4				
					N810419	4				coarse reject duplicate
158.22	159.30	1.08	1.04	96.3	N810420	4				
159.30	162.38	3.08	3.00	97.4	N810421	4				
					N810422	4				Klaza Standard 1
162.38	165.16	2.78	2.67	96	N810423	4				
165.16	166.23	1.07	1.07	100	N810424	4				
166.23	167.23	1.00	1.00	100	N810425	4				
167.23	168.43	1.20	1.20	100	N810426	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
168.43	169.43	1.00	1.00	100	N810427	4				
169.43	170.38	0.95	0.95	100	N810428	4				
170.38	172.20	1.82	1.72	94.5	N810429	4				
					N810430	4				Blank
172.20	173.70	1.50	1.50	100	N810431	4				
173.70	174.95	1.25	1.25	100	N810432	4				
174.95	176.38	1.43	1.40	97.9	N810433	4				
176.38	178.38	2.00	2.00	100	N810434	4				
178.38	179.38	1.00	1.00	100	N810435	4				
		0.00			N810436	4				Klaza Standard 1
179.38	180.97	1.59	1.49	93.7	N810437	4				
180.97	181.97	1.00	1.00	100	N810438	4				
181.97	182.97	1.00	1.00	100	N810439	4				
182.97	183.97	1.00	1.00	100	N810440	4				
183.97	185.52	1.55	1.52	98.1	N810441	4				
185.52	186.52	1.00	0.93	93	N810442	4				
		0.00			N810443	4				Blank
186.52	188.75	2.23	2.23	100	N810444	4				
188.75	189.75	1.00	0.93	93	N810445	4				
189.75	190.75	1.00	0.91	91	N810446	4				
190.75	191.82	1.07	1.04	97.2	N810447	4				
191.82	192.82	1.00	0.99	99	N810448	5				
192.82	193.84	1.02	0.99	97.1	N810449	5				
193.84	195.74	1.90	1.90	100	N810450	5				
195.74	197.84	2.10	1.99	94.8	N810451	5				
197.84	199.48	1.64	1.60	97.6	N810452	5				
199.48	202.28	2.80	2.73	97.5	N810453	5				
202.28	204.78	2.50	2.50	100	N810454	5				
204.78	206.14	1.36	1.31	96.3	N810455	5				
206.14	207.36	1.22	1.21	99.2	N810456	5				
					N810457	5				1/4 duplicate
207.36	210.23	2.87	2.86	99.7	N810458	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
210.23	211.74	1.51	1.41	93.4	N810459	5				
					N810460	5				Standard 1
211.74	214.28	2.54	2.44	96.1	N810461	5				
214.28	215.70	1.42	1.42	100	N810462	5				
215.70	217.18	1.48	1.44	97.3	N810463	5				
217.18	219.31	2.13	2.12	99.5	N810464	5				
					N810465	5				Blank
219.31	220.43	1.12	1.07	95.5	N810466	5				
220.43	221.46	1.03	1.00	97.1	N810467	5				
221.46	224.07	2.61	2.51	96.2	N810468	5				
224.07	226.18	2.11	2.10	99.5	N810469	5				
226.18	227.20	1.02	1.02	100	N810470	5				
227.20	229.96	2.76	2.76	100	N810471	5				
					N810472	5				Coarse reject duplicate
229.96	232.16	2.20	2.19	99.5	N810473	5				
232.16	235.18	3.02	2.90	96	N810474	5				
					N810475	5				Standard 1
235.18	238.08	2.90	2.90	100	N810476	5				
238.08	240.22	2.14	2.10	98.1	N810477	5				
240.22	241.23	1.01	1.01	100	N810478	5				
241.23	242.52	1.29	1.24	96.1	N810479	5				
					N810480	5				Blank
242.52	244.56	2.04	2.04	100	N810481	5				
244.56	245.70	1.14	1.14	100	N810482	5				
245.70	247.04	1.34	1.34	100	N810483	5				
					N810484	6				Standard 2
247.04	248.55	1.51	1.51	100	N810485	6				
248.55	250.46	1.91	1.91	100	N810486	6				
250.46	251.46	1.00	1.00	100	N810487	6				
					N810488	6				Blank
251.46	254.15	2.69	2.69	100	N810489	6				
					N810490	6				Standard 1

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
254.15	257.01	2.86	2.86	100	N810491	6				
257.01	259.96	2.95	2.95	100	N810492	6				
259.96	262.15	2.19	2.19	100	N810493	6				
262.15	263.18	1.03	1.03	100	N810494	6				
263.18	264.26	1.08	1.08	100	N810495	6				
264.26	265.74	1.48	1.48	100	N810496	6				
265.74	268.47	2.73	2.73	100	N810497	6				
268.47	270.36	1.89	1.89	100	N810498	6				
270.36	271.57	1.21	1.21	100	N810499	6				
					N810500	6				Blank
271.57	273.80	2.23	2.23	100	N810501	6				
273.80	275.50	1.70	1.70	100	N810502	6				
275.50	277.03	1.53	1.53	100	N810503	6				
277.03	279.79	2.76	2.76	100	N810504	6				
279.79	280.79	1.00	1.00	100	N810505	6				
280.79	281.93	1.14	1.14	100	N810506	6				
281.93	284.32	2.39	2.39	100	N810507	6				
284.32	286.19	1.87	1.87	100	N810508	6				
286.19	289.14	2.95	2.95	100	N810509	6				
289.14	290.74	1.60	1.60	100	N810510	6				
					N810511	6				1/4 Duplicate
290.74	293.61	2.87	2.87	100	N810512	6				
293.61	296.48	2.87	2.80	97.6	N810513	6				
					N810514	6				
296.48	298.33	1.85	1.82	98.4	N810515	6				
298.33	299.53	1.20	1.20	100	N810516	6				
299.53	300.55	1.02	1.01	99	N810517	6				
300.55	301.93	1.38	1.38	100	N810518	6				
301.93	303.07	1.14	1.12	98.2	N810519	6				
303.07	306.01	2.94	2.89	98.3	N810520	7				
					N810521	7				Standard 2
306.01	308.98	2.97	2.76	92.9	N810522	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
308.98	311.91	2.93	2.87	98	N810523	7				
311.91	313.69	1.78	1.73	97.2	N810524	7				
					N810525	7				1/4 duplicate
313.69	316.02	2.33	2.23	95.7	N810526	7				
316.02	318.60	2.58	2.57	99.6	N810527	7				
318.60	320.34	1.74	1.72	98.9	N810528	7				
320.34	321.81	1.47	1.43	97.3	N810529	7				
321.81	322.85	1.04	1.04	100	N810530	7				
322.85	324.84	1.99	1.95	98	N810531	7				
324.84	326.12	1.28	1.28	100	N810532	7				
					N810533	7				Blank
326.12	327.18	1.06	1.02	96.2	N810534	7				
										EOH

KLAZA

Hole: DDH-KL-12-82 Tech Name: Gareth **Date: July 17, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	1.06	35	0.62	20		2	5S	2W	
3.05	5.18	2.13	1.73	81	1.16	54		2	5S	2W	
5.18	8.23	3.05	2.89	95	0.60	20		1	0S	2W	
8.23	11.28	3.05	3.05	100	2.46	81		2	4S	2W	
11.28	14.33	3.05	2.91	95	2.36	77		2	3S	2W	
14.33	17.37	3.04	3.05	100	2.80	92		1	2S	3W	
17.37	20.42	3.05	2.98	98	1.92	63		1	3S	2W	
20.42	23.47	3.05	2.90	95	2.08	68		2	3S	2W	
23.47	26.52	3.05	3.00	98	1.57	51		1	2S	3W	
26.52	29.57	3.05	2.83	93	1.66	54		2	2S	3W	
29.57	32.61	3.04	2.81	92	0.62	20		1	0S	3W	
32.61	35.66	3.05	2.93	96	2.43	80		2	4S	2W	
35.66	38.71	3.05	3.05	100	2.36	77		2	3S	2W	
38.71	41.76	3.05	3.05	100	2.32	76		2	3S	2W	
41.76	44.81	3.05	3.01	99	2.46	81		1	1S	2W	
44.81	47.85	3.04	3.05	100	1.25	41		2	4S	2W	
47.85	50.90	3.05	3.05	100	2.14	70		2	4S	2W	
50.90	53.94	3.04	3.05	100	1.64	54		2	1S	3W	
53.94	57.00	3.06	3.05	100	0.77	25		2	1S	2W	
57.00	60.05	3.05	3.05	100	0.78	26		2	3S	3W	
60.05	63.09	3.04	3.03	100	0.29	10		2	2S	2W	
63.09	66.14	3.05	3.05	100	0.65	21		2	4S	1W	
66.14	69.19	3.05	3.05	100	1.40	46		2	3S	2W	
69.19	72.24	3.05	3.01	99	1.09	36		2	1S	3W	
72.24	75.29	3.05	3.05	100	1.11	36		1	1S	3W	
75.29	78.33	3.04	2.98	98	1.08	36		2	2S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.05	100	0.74	24		2	2S	3W	
81.38	84.43	3.05	3.05	100	0.65	21		1	2S	3W	
84.43	87.48	3.05	3.00	98	0.95	31		2	5S	2W	
87.48	90.53	3.05	2.85	93	2.07	68		2	5S	1W	
90.53	93.57	3.04	3.05	100	1.73	57		2	2S	1W	
93.57	96.62	3.05	3.00	98	0.79	26		1	2S	1W	
96.62	99.67	3.05	3.00	98	0.53	17		1	4S	1W	
99.67	102.72	3.05	3.05	100	1.43	47		1	2S	3W	
102.72	105.77	3.05	2.95	97	1.75	57		2	4S	2W	
105.77	108.81	3.04	3.02	99	1.36	45		2	3S	2W	
108.81	111.86	3.05	3.00	98	1.45	48		2	3S	2W	
111.86	114.91	3.05	3.00	98	0.37	12		2	3S	1W	
114.91	117.96	3.05	2.65	87	0.48	16		2	3S	1W	
117.96	121.01	3.05	3.01	99	0.62	20		1	1S	1W	
121.01	124.05	3.04	2.85	94	1.33	44		1	1S	1W	
124.05	127.10	3.05	3.05	100	2.31	76		1	4S	1W	
127.10	130.15	3.05	3.05	100	2.65	87		2	3S	1W	
130.15	133.20	3.05	3.01	99	2.34	77		2	3S	1W	
133.20	136.25	3.05	2.96	97	2.14	70		1	2S	1W	
136.25	139.29	3.04	3.00	99	1.51	50		2	4S	2W	
139.29	142.34	3.05	2.99	98	1.99	65		2	3S	1W	
142.34	145.39	3.05	3.03	99	2.30	75		2	2S	1W	
145.39	148.44	3.05	3.02	99	2.50	82		1	3S	1W	
148.44	151.49	3.05	3.04	100	0.92	30		2	4S	1W	
151.49	154.53	3.04	3.05	100	2.01	66		2	3S	1W	
154.53	157.58	3.05	3.04	100	0.80	26		2	1S	1W	
157.58	160.63	3.05	2.90	95	0.67	22		2	1S	1W	
160.63	163.68	3.05	3.05	100	0.62	20		1	1S	1W	
163.68	166.73	3.05	3.05	100	1.09	36		2	1S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.02	99	0.64	21		1	0S	1W	
169.77	172.82	3.05	2.91	95	0.00	0		1	0S	1W	
172.82	175.87	3.05	2.95	97	0.76	25		2	0S	1W	
175.87	178.92	3.05	3.03	99	0.67	22		2	3S	1W	
178.92	181.97	3.05	3.03	99	0.77	25		2	4S	1W	
181.97	185.01	3.04	3.04	100	0.75	25		2	3S	1W	
185.01	188.06	3.05	3.01	99	1.27	42		1	3S	1W	
188.06	191.11	3.05	3.05	100	1.02	33		2	2S	1W	
191.11	194.16	3.05	3.05	100	0.44	14		2	3S	1W	
194.16	197.21	3.05	3.05	100	2.01	66		2	3S	1W	
197.21	200.25	3.04	3.04	100	1.33	44		2	3S	1W	
200.25	203.30	3.05	3.05	100	1.13	37		2	2S	1W	
203.30	206.35	3.05	3.01	99	0.72	24		2	1S	1W	
206.35	209.40	3.05	3.05	100	1.60	52		2	3S	1W	
209.40	212.45	3.05	3.01	99	2.35	77		2	3S	1W	
212.45	215.49	3.04	2.94	97	1.29	42		2	3S	1W	
215.49	218.54	3.05	3.05	100	2.20	72		2	3S	1W	
218.54	221.59	3.05	3.05	100	1.30	43		2	3S	1W	
221.59	224.64	3.05	2.95	97	2.31	76	1	2	3S	1W	
224.64	227.69	3.05	3.05	100	2.89	95		2	3S	1W	
227.69	230.73	3.04	3.04	100	2.93	96		2	3S	1W	
230.73	233.78	3.05	2.88	94	2.15	70		2	3S	1W	
233.78	236.83	3.05	3.12	102	2.56	84		2	3S	1W	
236.83	239.88	3.05	3.01	99	2.65	87		2	3S	1W	
239.88	242.93	3.05	2.98	98	2.20	72		1	0S	1W	
242.93	245.97	3.04	3.04	100	2.67	88		2	3S	1W	
245.97	249.02	3.05	2.97	97	1.54	50		1	0S	1W	
249.02	252.07	3.05	3.03	99	1.48	49		2	3S	1W	
252.07	255.12	3.05	3.05	100	2.91	95		2	3S	1W	
255.12	258.17	3.05	3.05	100	2.56	84		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3.05	100	3.05	100		2	3S	1W	
261.21	264.26	3.05	2.99	98	2.30	75		2	3S	1W	
264.26	267.31	3.05	2.97	97	2.45	80		2	3S	1W	
267.31	270.36	3.05	3.05	100	2.78	91		2	3S	1W	
270.36	273.41	3.05	2.97	97	2.00	66		2	3S	1W	
273.41	276.45	3.04	2.95	97	1.42	47		2	3S	1W	
276.45	279.50	3.05	2.90	95	2.52	83		2	3S	1W	
279.50	282.55	3.05	2.90	95	2.24	73		2	3S	1W	
282.55	285.60	3.05	3.05	100	1.92	63		2	3S	1W	
285.60	288.65	3.05	2.90	95	2.33	76		2	3S	1W	
288.65	291.69	3.04	3.05	100	1.64	54		2	3S	1W	
291.69	294.74	3.05	2.95	97	2.55	84		2	3S	1W	
294.74	297.79	3.05	2.94	96	2.29	75		2	3S	1W	
297.79	300.84	3.05	3.05	100	2.70	89		2	3S	1W	
300.84	303.89	3.05	2.97	97	2.15	70		2	3S	1W	
303.89	306.93	3.04	3.03	100	0.24	8		2	1S	1W	
306.93	309.98	3.05	3.05	100	1.22	40		2	3S	2W	
309.98	313.03	3.05	3.05	100	0.77	25		2	3S	2W	
313.03	316.08	3.05	3.01	99	1.90	62		2	3S	1W	
316.08	319.13	3.05	3.05	100	1.60	52		2	5S	1W	
319.13	322.17	3.04	3.03	100	1.52	50		2	5S	1W	
322.17	325.22	3.05	3.00	98	2.28	75		2	3S	1W	
325.22	328.27	3.05	3.00	98	2.25	74		2	3S	1W	
328.27	331.32	3.05	3.05	100	2.12	70		2	5S	1W	EOH

KLAZA

Hole: DDH-KL-12-82 **Tech Name: Gareth** **Date: July 17, 2** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05		55.00	13.00	0.00	1.00	2R	3W	
3.05	5.18		-	-	-	-	-	-	
5.18	8.23		60.00	0.08	0.00	1.00	2R	2W	Additional joint sets:30,0.20,0,1,3R,2W
8.23	11.28		50.00	0.21	0.00	1.00	2R	2W	
11.28	14.33		40.00	0.40	0.00	1.00	2R	2W	
14.33	17.37		25.00	0.36	0.00	1.00	2R	2W	
17.37	20.42		60.00	0.42	0.00	1.00	3R	1W	
20.42	23.47		60.00	0.12	0.00	1.00	2R	2W	
23.47	26.52		20.00	0.25	0.00	1.00	3R	2W	Additional joint sets:55,0.26,50,1,2R,4W
26.52	29.57		40.00	0.43	0.00	1.00	2R	2W	Additional joint sets:35,0.52,1,1,3R,2W
29.57	32.61		30.00	0.03	0.00	2.00	3R	2W	Additional joint sets: 45,0.07,2,3,3R,2W
32.61	35.66		35.00	0.13	0.00	1.00	3R	2W	
35.66	38.71		-	-	-	-	-	-	
38.71	41.76		80.00	0.15	0.00	2.00	2R	1W	
41.76	44.81		50.00	0.47	2.00	1.00	3R	3W	
44.81	47.85		60.00	0.15	0.00	1.00	2R	1W	
47.85	50.40		50.00	0.25	0.00	1.00	2R	2W	
50.40	53.94		50.00	0.20	0.00	1.00	2R	3W	
53.94	57.00		-	-	-	-	-	-	
57.00	60.05		30.00	0.40	0.00	2.00	2R	2W	
60.05	63.09		60.00	0.28	2.00	2.00	2R	3W	
63.09	66.14		60.00	0.15	0.00	2.00	3R	1W	
66.14	69.19		60.00	0.20	0.00	2.00	2R	1W	Additional joint sets: 40,0.25,1,2,1W
69.19	72.24		60.00	0.17	0.00	2.00	2R	2W	
72.24	75.29		65.00	0.19	0.00	2.00	2R	2W	
75.29	78.33		20.00	0.40	0.00	2.00	2R	2W	Additional joint sets:60,0.15,0,2,2R,2W
78.33	81.38		55.00	0.60	0.00	1.00	3R	2W	
81.38	84.43		-	-	-	-	-	-	Rubble
84.43	87.48		60.00	0.19	5.00	1.00	2R	2W	Additional joint sets:35,0.36,0,1,2R,1W
87.48	90.53		50.00	0.30	0.00	1.00	3R	1W	6 joints; evenly spaced
90.53	93.57		45.00	0.20	0.00	1.00	2R	1W	9 joints; even spacing
93.57	96.62		65.00	0.30		1.00	2R	1W	4 joints; uneven spacing
96.62	99.67		-	-	-	-	-	-	highly fractured
99.67	102.72		35.00	0.25	1.00	2.00	2R	1W	
102.72	105.77		60.00	0.20	0.00	1.00	2R	2W	7 joints, uneven spacing
105.77	108.81		45.00	0.12	0.00	1.00	2R	2W	5 joints; fractured
108.81	111.86		50.00	0.25	0.00	1.00	2R	1W	7 joints, in even spacing

KLAZA

111.86	114.91		70.00	0.15	0.00	1.00	2R	1W	4 joints, in even spacing
114.91	117.96		35.00	0.10	0.00	1.00	2R	2W	
117.96	121.01		65.00	0.20	0.00				All there was for data
121.01	124.05		50.00	0.30	1.00				All there was for data
124.05	127.10		45.00	0.35	0.00	1.00	3.00	1.00	
127.10	130.15		50.00	0.04	0.00	1.00	3.00	1.00	
130.15	133.20		60.00	0.40	0.00	3.00	3.00	1.00	
133.20	136.25		45.00	0.45	1.00	1.00	3.00	2.00	Gouge in 1 joint
136.25	139.29		60.00	0.50	0.00	1.00	2.00	1.00	Additional joint sets:10,0.50,0,3,2,1
139.29	142.34		55.00	0.20	0.00	1.00	2.00	1.00	
142.34	145.39		60.00	0.40	0.00	3.00	3.00	1.00	
145.39	148.44		40.00	0.50	0.00	1.00	2.00	1.00	
148.44	151.44		80.00	0.30	0.00	1.00	2.00	1.00	
151.44	154.53		70.00	0.40	0.00	1.00	3.00	1.00	
154.53	157.58		65.00	0.30	0.00	1.00	3.00	1.00	
157.58	160.63		65.00	0.30	0.00	1.00	3.00	1.00	
160.63	163.68		50.00	0.25	1.00	1.00	3.00	1.00	
163.68	166.73		60.00	0.15	0.00	2.00	3.00	1.00	
166.73	169.77		60.00	0.25	0.00	2.00	2.00	1.00	
169.77	172.82		-	-	-	-	-	-	
172.82	175.87		60.00	0.20	0.00	1.00	2.00	1.00	
175.87	178.92		50.00	0.20	0.00	1.00	2.00	1.00	
178.92	181.97		60.00	0.15	0.00	1.00	2.00	1.00	
181.97	185.01		65.00	0.15	0.00	2.00	2.00	1.00	
185.01	188.06		60.00	0.20	0.00	2.00	3.00	1.00	
188.06	191.11		50.00	0.10	0.00	2.00	3.00	1.00	Additional joint sets:80,0.40,0,1,2,1
191.11	194.16		80.00	0.40	0.00	1.00	3.00	1.00	
194.16	197.21		35.00	0.50	1.00	3.00	2.00	1.00	Additional joint sets:80,0.3,0,2,2,1
197.21	200.25		40.00	0.35	1.00	2.00	2.00	1.00	
200.25	203.30		60.00	0.15	0.00	1.00	2.00	1.00	
203.30	206.35		55.00	0.15	0.00	1.00	2.00	1.00	
206.35	209.40		60.00	0.20	0.00	1.00	2.00	1.00	Additional joint sets:40,0.60,0,1,3,1
209.40	212.45		45.00	0.22	0.00	2.00	2.00	1.00	
212.45	215.49		30.00	0.20	0.00	2.00	2.00	1.00	Additional joint sets:75,0.30,0,1,3,1
215.49	218.54		70.00	0.20	0.00	1.00	2.00	1.00	
218.54	221.59		70.00	0.30	0.00	2.00	2.00	1.00	
221.59	224.64		70.00	0.21	0.00	1.00	3.00	1.00	Additional joint sets:75,0.08,0,1,3,1 Completed runs (224.64-249.02)
224.64	227.69		40.00	0.19	0.00	2.00	3.00	2.00	
227.69	230.73		75.00	0.43	0.00	1.00	3.00	1.00	
230.73	233.78		65.00	0.11	1.00	1.00	1.00	2.00	
233.78	236.83		70.00	0.07	0.00	1.00	3.00	1.00	
236.83	239.88		70.00	0.41	1.00	1.00	2.00	1.00	
239.88	242.93		30.00	0.10	0.00	1.00	3.00	1.00	Additional joint sets:80,/,120,1,2,4 Sulfide gouge, single joint
242.93	245.97		60.00	0.13	0.00	1.00	3.00	1.00	
245.97	249.02		65.00	-	320.00	1.00	2.00	4.00	sulfide gougle, single joint
249.02	252.07		65.00	0.17	0.00	1.00	2.00	1.00	competant core
252.07	255.12		75.00	0.12	0.00	1.00	3.00	1.00	

KLAZA

255.12	258.17		-	-	-	-	-	-	competant, random fractures. No set
258.17	261.21		80.00	0.16	0.00	1.00	3.00	1.00	Additional joint sets:70,0.68,0,1,2,1
261.21	264.26		75.00	0.24	0.00	1.00	3.00	1.00	
264.26	267.31		55.00	1.12	0.00	1.00	2.00	1.00	
267.31	270.36		65.00	2.35	0.00	1.00	2.00	1.00	
270.36	273.41		55.00	0.60	0.00	1.00	2.00	1.00	
273.41	276.45		60.00	0.19	0.00	1.00	2.00	1.00	
276.45	279.50		80.00	0.14	0.00	1.00	2.00	1.00	Additional joint sets: 52,2.06,0,1,2,1
279.50	282.55		42.00	2.24	0.00	1.00	3.00	1.00	Additional joint sets: 50,1.55,0,1,3,1
282.55	285.65		55.00	0.22	0.00	1.00	3.00	1.00	
285.65	288.05		50.00	1.35	0.00	1.00	2.00	2.00	
288.05	291.69		60.00	0.40	0.00	1.00	2.00	2.00	Additional joint sets:70,0.09,0,1,2,1
291.69	294.74		40.00	1.40	0.00	1.00	2.00	2.00	Additional joint sets:60,0.15,0,1,3,1
294.74	297.79		62.00	0.75	0.00	1.00	2.00	2.00	
297.79	300.84		78.00	0.54	0.00	1.00	2.00	1.00	
300.84	303.89		52.00	0.13	0.00	1.00	2.00	1.00	
303.89	306.93		70.00	0.18	0.00	1.00	2.00	1.00	
306.93	309.98		70.00	0.60	0.00	1.00	2.00	1.00	
309.98	313.03		72.00	0.82	0.00	1.00	2.00	1.00	
313.03	316.08		80.00	1.25	0.00	1.00	2.00	1.00	
316.08	319.13		82.00	0.13	0.00	1.00	2.00	1.00	
319.13	322.17		80.00	0.05	0.00	1.00	2.00	1.00	Additional joint sets: 35,1.35,0,1,2R,1W
322.17	325.22		80.00	0.26	0.00	1.00	2.00	1.00	
325.22	328.27		45.00	0.14	0.00	1.00	2.00	1.00	
328.27	331.32		68.00	0.53	0.00	1.00	2.00	1.00	EOH

KLAZA

Hole: DDH-KL-12-82 **Date: July 17, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1	16.50	
2	3.54	
3	11.20	
4	23.90	
5	27.30	
6	0.21	
7	0.72	
8	28.30	
9	24.40	
10	30.60	
11	8.09	
12	24.70	
13	6.38	
14	29.20	
15	22.70	
16	28.20	
17	11.10	
18	3.98	
19	11.40	
20	17.40	
21	0.85	
22	5.17	
23	2.25	
24	3.22	
25	0.36	
26	0.48	
27	8.78	
28	0.65	
29	6.56	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30	0.40	
31	0.16	
32	0.42	
33	0.40	
34	5.81	
35	4.03	
36	0.38	
37	0.25	
38	7.25	
39	1.19	
40	0.65	
41	17.90	
42	2.40	
43	0.42	
44	0.28	
45	0.23	
46	0.26	
47	6.48	
48	2.70	
49	4.53	
50	3.66	
51	3.51	
52	2.85	
53	5.61	
54	0.67	
55	4.33	
56	4.45	
57	1.71	
58	2.70	
59	8.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60	2.13	
61	2.31	
62	6.70	
63	2.58	
64	1.07	
65	4.01	
66	4.08	
67	8.55	
68	1.46	
69	4.80	
70	0.13	
71	3.54	
72	3.07	
73	0.36	
74	2.10	
75	2.55	
76	12.90	
77	4.43	
78	10.80	
79	0.97	
80	1.19	
81	3.04	
82	9.99	
83	3.94	Rubble
84	9.12	Rubble
85	0.73	
86	4.53	
87	1.19	
88	18.40	
89	2.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90	3.22	
91	30.90	
92	7.77	
93	2.85	
94	3.02	
95	1.78	
96	6.31	
97	0.52	
98	11.10	
99	7.62	
100	4.30	
101	1.26	
102	0.43	
103	4.80	
104	4.35	
105	3.99	
106	5.12	
107	5.54	
108	1.76	
109	2.62	
110	1.54	
111	2.55	
112	5.44	
113	1.42	Rubble
114	3.04	
115	3.00	
116	32.60	
117	23.80	
118	10.30	
119	22.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120	2.70	
121	1.50	
122	6.16	
123	4.46	
124	2.99	
125	4.18	
126	7.20	
127	0.60	
128	1.57	
129	2.03	
130	1.79	
131	1.52	
132	3.24	
133	2.45	
134	1.52	
135	2.48	
136	2.20	
137	1.94	
138	6.01	
139	1.15	
140	1.37	
141	2.50	
142	1.49	
143	1.49	
144	2.45	
145	2.33	
146	1.32	
147	1.14	
148	6.08	
149	3.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150	4.38	
151	5.94	
152	3.56	
153	4.95	
154	25.80	
155	8.38	
156	14.10	
157	42.90	
158	32.60	
159	1.84	
160	6.55	
161	32.50	
162	6.85	
163	18.80	
164	6.73	
165	21.40	
166	2.49	
167	3.94	
168	3.59	
169	2.08	
170	4.56	
171	3.78	
172	3.71	
173	19.50	
174	7.74	
175	6.24	
176	3.14	
177	1.51	
178	1.93	
179	1.44	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180	4.78	
181	0.35	
182	1.83	
183	0.62	
184	1.96	
185	3.32	
186	2.10	
187	5.09	
188	3.99	
189	0.77	
190	0.65	
191	1.76	
192	3.24	
193	1.34	
194	1.89	
195	2.50	
196	3.17	
197	1.29	
198	2.16	
199	1.44	
200	1.46	
201	0.90	
202	2.48	
203	4.46	
204	50.20	
205	0.18	
206	1.91	
207	44.10	
208	15.40	
209	47.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210	8.36	
211	9.00	
212	2.58	
213	11.40	
214	2.28	
215	3.02	
216	3.39	
217	3.29	
218	3.79	
219	3.34	
220	1.54	
221	3.24	
222	6.92	
223	6.35	
224	9.79	
225	5.40	
226	6.77	
227	9.10	
228	16.70	
229	11.40	
230	7.07	
231	18.50	
232	44.50	
233	7.81	
234	27.20	
235	39.00	
236	11.20	
237	38.10	
238	7.45	
239	6.04	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240	6.63	
241	2.65	
242	5.37	
243	4.18	
244	5.30	
245	2.11	
246	2.30	
247	2.82	
248	4.68	
249	13.00	
250	15.80	
251	3.02	
252	36.30	
253	2.68	
254	49.30	
255	4.08	
256	2.41	
257	3.47	
258	3.79	
259	3.30	
260	7.39	
261	3.83	
262	1.51	
263	4.97	
264	1.68	
265	1.20	
266	0.30	
267	2.48	
268	1.09	
269	1.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270	1.46	
271	1.47	
272	0.92	
273	0.75	
274	0.67	
275	0.89	
276	1.32	
277	0.42	
278	0.85	
279	0.75	
280	1.04	
281	1.04	
282	0.92	
283	1.61	
284	1.00	
285	0.87	
286	1.04	
287	1.24	
288	2.15	
289	1.20	
290	40.30	
291	12.20	
292	31.40	
293	1.61	
294	27.70	
295	39.60	
296	39.70	
297	2.92	
298	1.42	
299	3.61	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300	1.04	
301	1.19	
302	2.85	
303	0.78	
304	1.09	
305	1.54	
306	0.26	
307	0.15	
308	0.08	
309	0.20	
310	0.23	
311	0.20	
312	n/a	forgotten
313	0.21	
314	0.26	
315	0.72	
316	0.35	
317	28.60	
318	0.30	
319	5.19	
320	2.04	
321	24.30	
322	0.63	
323	2.21	
324	1.12	
325	0.80	
326	0.70	
327	27.50	
328	27.10	
329	6.26	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330	20.80	
331	29.00	EOH

KLAZA

Hole: **DDH-KL-12-82** **Date: July 17, 2012**

Box #	From (m)	To (m)
1	0.00	5.62
2	5.62	9.73
3	9.73	13.84
4	13.84	18.01
5	18.01	22.15
6	22.15	26.19
7	26.19	29.95
8	29.95	33.84
9	33.84	38.17
10	38.17	42.34
11	42.34	46.21
12	46.21	50.19
13	50.19	53.70
14	53.70	57.00
15	57.00	60.05
16	60.05	63.44
17	63.44	66.56
18	66.56	70.03
19	70.03	73.29
20	73.29	76.94
21	76.94	80.07
22	80.07	83.10
23	83.10	85.86
24	85.86	89.12
25	89.12	92.32
26	92.32	96.19
27	96.19	99.03
28	99.03	102.33
29	102.33	105.77

KLAZA

30	105.77	109.27
31	109.27	112.30
32	112.30	115.64
33	115.64	119.07
34	119.07	123.19
35	123.19	127.25
36	127.25	132.52
37	132.52	135.75
38	135.75	139.91
39	139.91	144.14
40	144.14	148.44
41	148.44	152.63
42	152.63	156.62
43	156.62	160.13
44	160.13	163.68
45	163.68	167.36
46	167.36	171.32
47	171.32	174.99
48	174.99	178.67
49	178.67	182.47
50	182.47	186.41
51	186.41	190.05
52	190.05	194.01
53	194.01	197.84
54	197.84	201.58
55	201.58	205.58
56	205.58	209.40
57	209.40	213.53
58	213.53	217.72
59	217.72	221.59
60	221.59	226.10
61	226.10	230.23
62	230.23	234.38
63	234.38	238.75
64	238.75	242.93
65	242.93	247.19
66	247.19	251.46

KLAZA

67	251.46	255.76
68	255.76	260.08
69	260.08	264.26
70	264.26	268.60
71	268.60	272.90
72	272.90	277.02
73	277.02	281.27
74	281.27	285.20
75	285.20	289.47
76	289.47	293.54
77	293.54	297.79
78	297.79	301.94
79	301.94	305.54
80	305.54	309.47
81	309.47	313.03
82	313.03	316.74
83	316.74	320.92
84	320.92	325.22
85	325.22	329.47
86	329.47	331.32

EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			382584.69	6888847.74	1412.04	185.93

ZONE: Dickson

SECTION:

HOLE: DDH-KL-12-83

CLAIM: Klaza 8 YC397991

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 9 - July 11, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	20.08	20.08	GRD	Intensely oxide stained/fractured unaltered granodiorite.
20.08	27.60	7.52	GRD	Moderatelly phyllic granodiorite with oxidation.
27.60	50.27	22.67	GRD	Unaltered granodiorite with phyllic vein envelopes.
50.27	71.37	21.10	GRD	Intense phyllic granodiorite with patchy silicification.
71.37	78.28	6.91	GRD	Weakly propyllitic with phyllic vein envelopes.
78.28	84.78	6.50	GRD	Moderate-intense phyllic granodiorite.
84.78	88.46	3.68	GRD	Moderately propyllitic with phyllic vein envelopes.
88.46	89.70	1.24	GRD	Unaltered granodiorite.
89.70	99.11	9.41	GRD	Weakly propyllitic with phyllic vein envelopes.
99.11	102.81	3.70	GRD	Unaltered granodiorite with phyllic vein envelopes.
102.81	104.79	1.98	GRD	Moderate phyllic granodiorite with patchy silicification.
104.79	125.17	20.38	GRD	Moderate-weak propyllitic granodiorite.
125.17	134.42	9.25	GRD	Unaltered granodiorite with phyllic vein envelopes.
134.42	136.45	2.03	GRD	Weakly propyllitic with phyllic vein envelopes.
136.45	140.88	4.43	GRD	Unaltered granodiorite with propyllitic vein envelopes.
140.88	146.31	5.43	GRD	Moderate propyllitic with phyllic vein envelopes.
146.31	158.77	12.46	GRD	Unaltered granodiorite with weak patchy propyllitic.
158.77	167.93	9.16	GRD	Intense-moderate propyllitic granodiorite.
167.93	185.93	18	GRD	Unaltered granodiorite with patches of propyllitic.

SAMPLES

Numbers: M899509 - M899616

Total: 98

Batch: 83-1 to 83-3

Date Sent:

Certificate:

COMMENTS

EOH 185.93 m

KLAZA

Hole: DDH-KL-12-83 **Logger Name:** Teresa Cruz **Date: July 10, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	185.93	185.93				mKgW	GRD	MG	LT	GN											Granodiorite with intervals of propyllitic, phyllic, and argillic alteration. Often crosscut by mineralized quartz veins and carbonate veins.
									DK	GY											
			0.00	20.08	20.08	mKgW	GRD	MG	LT	BN	FR	4I		CLY	3I			Li	10.00		Unaltered granodiorite that is intensely fractured and oxide-stained from 11.28-18.76m. Crosscut by quartz veinlets after 16.70m. Veinlets have weak phyllic envelopes. Granodiorite is also weakly clay altered.
									DK	GY	RB							Go	3.00		
			20.08	24.11	4.03	mKgW	GRD	MG	LT	GN		3I	2I	PHC	3I	1.00					Moderately phyllic with oxide-stained fractures, weak silica flooding, and fracturing. Hosts disseminated pyrite. Crosscut by mineralized quartz veinlets, and there is weak clay alteration along fractures.
									DK	GY				CLY	2I						
			24.11	25.14	1.03	mKgW	GRD	MG	LT	GN		3I		ARG	3I						Weak-moderate argillic with oxide-stained fractures.
									DK	GY											
			25.14	26.48	1.34	mKgW	GRD	MG	LT	GN		2I									Unaltered granodiorite crosscut by rare quartz veinlets. Oxide stains fractures.
									DK	GY											
			26.48	27.60	1.12	mKgW	GRD	MG	LT	GN		2I		PHC	3I	1.00					Moderate phyllic alteration, with increasing intensity near mineralized quartz veins. Oxide stains fractures.
									DK	GY											
			27.60	34.35	6.75	mKgW	GRD	MG	LT	GN											Unaltered granodiorite crosscut by chlorite veinlets and pyrite stringers. No phyllic vein envelopes.
									DK	GY											
			34.35	35.19	0.84	mKgW	GRD	MG	LT	GN				PHC	4I	4.00		Cl	10.00		Phyllic granodiorite with closely spaced mineralized quartz veins. 0.5cm diameter chlorite blebs and disseminated pyrite.
									DK	GY											
			35.19	35.98	0.79	mKgW	GRD	MG	LT	GN				ARG	4I						Intense argillic granodiorite.
									DK	GY											
			35.98	42.93	6.95	mKgW	GRD	MG	LT	GN		2I									Unaltered granodiorite with clay gouge (40.11-40.50m) and oxide stained fractures.
									DK	GY											
			42.93	50.27	7.34	mKgW	GRD	MG	LT	GN				PHC	3I						Unaltered granodiorite crosscut by mineralized quartz veins/veinlets with thick phyllic envelopes.
									DK	GY											
			50.27	52.02	1.75	mKgW	GRD	MG	LT	GN			2I	PHC	4I	2.00					Intense phyllic alteration with patchy silicification, crosscut by mineralized quartz veins.
									DK	GY											
			52.02	52.66	0.64	mKgW	GRD	MG	LT	GN											unaltered granodiorite with few crosscutting quartz veinlets with thin phyllic envelopes.
									DK	GY											
			52.66	55.69	3.03	mKgW	GRD	MG	LT	GN			2I	PHC	4I	3.00					Intense phyllic alteration with patchy silicification, crosscut by mineralized quartz veins.
									DK	GY											
			55.69	66.85	11.16	mKgW	GRD	MG	LT	GN			2I	PHC	3I	1.00					Phyllic granodiorite with patchy weak propyllitic alteration. Crosscut by mineralized quartz veins/veinlets. Phyllic alteration hosts disseminated pyrite.
									DK	GY											
			66.85	71.37	4.52	mKgW	GRD	MG	LT	GN				PHC	4I	3.00					Intense phyllic alteration crosscut by mineralized quartz veins. Hosts disseminated pyrite.
									DK	GY											
			71.37	72.28	0.91	mKgW	GRD	MG	LT	GN				PRO		1.00		Ep	3.00		Very weakly propyllitic with patches of moderate-intense phyllic in vein envelopes. Phyllic areas host disseminated pyrite, while propyllitic hosts blebby epidote.
									DK	GY				PHC							

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			72.28	83.25	10.97	mKgW	GRD	MG	LT	GN		2I		PHC	4I	2.00					Intense phyllic with patches of weak propyllitic. Weak oxide staining on fracture faces. Crosscut by many mineralized quartz veins and veinlets. Hosts disseminated pyrite.
									DK	GY				PRO	1I						
			83.25	84.78	1.53	mKgW	GRD	MG	LT	GN				PHC	3I	3.00					Moderate-intense phyllic alteration with patches of weak-moderate propyllitic. Crosscut by mineralized quartz veins. Hosts disseminated pyrite, and grades into propyllitic at the end of the interval.
									DK	GY				PRO	2I						
			84.78	87.09	2.31	mKgW	GRD	MG	LT	GN				PRO	2I	1.00					Moderate propyllitic with phyllic vein envelopes. Hosts weakly disseminated pyrite.
									DK	GY											
			87.09	88.46	1.37	mKgW	GRD	MG	LT	GN			3I	PHC	4I						Strong phyllic alteration with patch silicification. Sericite development has led to softening of the granodiorite, especially near fractures and joints.
									DK	GY											
			88.46	89.70	1.24	mKgW	GRD	MG	LT	GN											Unaltered granodiorite.
									DK	GY											
			89.70	99.11	9.41	mKgW	GRD	MG	LT	GN				PRO	2I						Weakly propyllitic with patchy argillic and phyllic vein envelopes. Crosscut by mineralized quartz veinlets and pyrite veinlets.
									DK	GY				ARG	2I						
														PHC	2I						
			99.11	102.81	3.70	mKgW	GRD	MG	LT	GN											Unaltered granodiorite with phyllic vein envelopes.
									DK	GY											
			102.81	104.79	1.98	mKgW	GRD	MG	LT	GN			2I	PHC	3I						Moderate phyllic alteration with patchy silicification.
									DK	GY											
			104.79	125.17	20.38	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate-weak propyllitic with phyllic vein envelopes.
									DK	GY				PHC	2I						
			125.17	134.42	9.25	mKgW	GRD	MG	LT	GN											Unaltered granodiorite with phyllic vein envelopes.
									DK	GY											
			134.42	136.45	2.03	mKgW	GRD	MG	LT	GN				PRO	2I						Propyllitic with tourmaline-rich xenoliths and pyrite stringers. Veins have weak phyllic envelopes.
									DK	GY				PHC	2I						
			136.45	140.88	4.43	mKgW	GRD	MG	LT	GN				PRO	1I						Unaltered granodiorite with chlorite veinlets with propyllitic envelopes.
									DK	GY											
			140.88	146.31	5.43	mKgW	GRD	MG	LT	GN			2I	PRO	3I						Moderate propyllitic with patchy argillic and silicification. Veins have phyllic envelopes.
									DK	GY				ARG	2I						
														PHC	2I						
			146.31	158.77	12.46	mKgW	GRD	MG	LT	GN				PRO	2I						Unaltered granodiorite with patchy weak propyllitic.
									DK	GY											
			158.77	167.93	9.16	mKgW	GRD	MG	LT	GN			3I	PRO	4I						Intense-moderate propyllitic with patchy phyllic (163.25-164.5m) and silicification. Weak, thin phyllic envelopes on most veins.
									DK	GY				PHC	3I						
			167.93	185.93	18.00	mKgW	GRD	MG	LT	GN				PRO	2I						Unaltered granodiorite with patches of propyllitic and weak phyllic envelopes on veinlets.
									DK	GY											EOH

KLAZA

Hole: DDH-KL-12-83 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION

KLAZA

Hole: DDH-KL-12-83 **Logger Name:** Teresa Cruz **Date:** July 10, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	15.14	15.16	45.00			Py	3.00	White quartz veinlet with parallel pyrite stringers.	
VT	16.71	16.98	70.00		5.00	Py	5.00	White-grey quartz veinlets with central pyrite stringers.	
VT	19.06	20.12	80.00		5.00	Py	1.00	white massive quartz veinlets with disseminated pyrite.	
VN	20.30	20.32	45.00			Py	2.00	White quartz vein with 0.5cm border of medium green chlorite. Hosts disseminated pyrite.	
						Cl	15.00		
VN	23.65	23.70	50.00			Py	2.00	White-milky crustiform quartz with disseminated pyrite.	
VN	24.21	24.36	90.00			Py	40.00	White-grey quartz vein with massive-blebby pyrite at the centre. Quartz is red-stained by hematite.	
						He	2.00		
VT	25.43	25.47	60.00			Py	1.00	White banded quartz veinlet with disseminated pyrite in its phyllic envelope.	
VN	26.75	26.84	45.00			Py	15.00	White-grey quartz vein with blebby-massive pyrite and red hematite stringers.	
						He	5.00		
VN	27.61	27.64	80.00			Py	2.00	White-grey crustiform quartz vein with disseminated pyrite.	
VT	31.84	31.88	45.00			Py	60.00	Discontinuous pyrite veinlet with dark green chlorite borders.	
						Cl	40.00		
VN	33.94	33.97	60.00			Py	15.00	White quartz vein with blebby-massive pyrite.	
VN	34.07	34.11	60.00			Py	15.00	Smoky-grey quartz vein with blebby-disseminated pyrite and dark green chlorite borders.	
						He	2.00		
VN	34.48	34.52	80.00			Py	10.00	white-milky quartz vein with blebby-massive pyrite in the centre. Blebby galena next to pyrite. Blood red hematite stringers parallel the vein and nearby pyrite stringers.	
						Ga	1.00		
						Sp	2.00		
						He	1.00		
VT	34.39	34.43	70.00		9.00	Py	10.00	Chlorite veinlets hosting disseminated pyrite.	
						Cl	90.00		
VN	34.60	34.63	80.00			Py	3.00	White quartz vein with disseminated pyrite and dark green chlorite borders.	
						Cl	10.00		
ST	34.39	34.43	60.00		10.00	Py	100.00	Pyrite stringers.	
VN	35.05	35.04	70.00			Py	7.00	White-grey quartz vein with blebby pyrite and blebby sphalerite.	
						Sp	1.00		
VT	35.99	36.01	60.00			Py	40.00	White quartz vein with central red hematite stringers. Bordered by disseminated-blebby pyrite.	
						He	3.00		
VT	38.38	38.39	90.00			Py	10.00	White crustiform quartz vein with disseminated pyrite.	
VT	44.22	44.24	80.00			Py	30.00	White-milky massive quartz veinlet with massive-blebby pyrite borders approximately 0.3cm thick.	
VT	45.06	45.09	80.00			Py	10.00	White quartz veinlet with blebby pyrite and sphalerite.	
						Sp	4.00		
VN	45.24	45.29	70.00			Py	20.00	White-grey quartz vein with massive-blebby pyrite and arsenopyrite.	
						As	20.00		
VT	45.48	45.53	70.00			Py	3.00	White-milky quartz veinlet with disseminated pyrite.	
VN	45.95	46.04	90.00			Py	40.00	thick vein of 4cm massive pyrite and 5cm grey-white massive quartz. Massive-blebby arsenopyrite is hosted in the pyrite masses. Rubbly and broken recovery.	
						As	10.00		
VN	48.53	48.58	90.00			Py	40.00	4cm thick white-grey quartz vein with netted pyrite and arsenopyrite stringers. Pyrite and arsenopyrite are disseminated-blebby, and sometimes massive.	
						As	20.00		
VT	49.23	49.25	80.00			Py	30.00	White quartz with blebby pyrite, galena, and arsenopyrite.	
						Ga	3.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						As	5.00		
VT	50.54	50.56	90.00			Py	25.00	White quartz veinlet with borders of blebby-massive honey brown sphalerite and pyrite.	
						Sp	25.00		
VN	51.21	51.23	60.00			Py	10.00	White-smoky quartz vein with disseminated-blebby pyrite and disseminated sphalerite.	
						Sp	2.00		
VN	54.17	54.28	90.00			Py	10.00	White vuggy and grey massive quartz in alternating bands. Hosts pyrite veinlets, blebby sphalerite, and disseminated pyrite.	
						Sp	5.00		
VN	55.55	55.65	70.00			Py	8.00	White-grey quartz veinlets with parallel pyrite veinlets, ankerite veinlets, disseminated-blebby pyrite, blebby sphalerite, and disseminated sericite.	
						Se	3.00		
						Sp	1.00		
						Ak	3.00		
VN	57.00	57.10	90.00			Py	25.00	Thick milky-grey quartz vein with 3cm band of massive pyrite, blebby zoned sphalerite, blebby galena, and blebby arsenopyrite.	x
						Sp	10.00		
						As	2.00		
						Ga	2.00		
VN	57.57	57.60	80.00			Py	15.00	White quartz vein with blebby-massive pyrite and arsenopyrite, coned red-brown sphalerite, and blebby chalcopyrite.	
						As	25.00		
						Sp	10.00		
						Cp	8.00		
VN	66.35	66.70	80.00		2.00	Py	10.00	Two grey-white clay altered quartz veins hosting disseminated-blebby pyrite.	
VN	67.77	68.09	90.00		3.00	Py	7.00	White-grey crustiform quartz veins with propyllitic envelopes and hosting disseminated-blebby pyrite.	
VN	69.35	69.55	90.00		2.00	Py	10.00	Grey quartz with central white quartz veinlet. Grey quartz hosts disseminated-blebby pyrite, and white quartz is weakly crustiform.	
VN	73.91	73.94	90.00			Py	15.00	Grey crustiform quartz veinlet, red-brown sphalerite veinlet, and ankerite veinlet all adjacent. Quartz hosts disseminated-blebby pyrite.	
						Sp	8.00		
						Ak	30.00		
VN	77.92	77.94	70.00			Py	10.00	Grey quartz vein with discontinuous carbonate-filled microfractures and blebby-massive pyrite at its centre.	
						Cb	3.00		
VT	78.53	78.55	90.00		2.00	Py	40.00	Two grey quartz veinlets with blebby pyrite at their centres.	
VN	77.66	77.70	90.00			Py	40.00	Grey quartz vein with 1.5cm wide massive pyrite at its centre. Disseminated pyrite throughout.	
						He	1.00		
GO	77.83	77.84	70.00			Py	1.00	Gouge in white quartz vein with disseminated pyrite.	
VT	79.12	79.97	60.00		5.00	Py	5.00	Grey-white quartz veinlets with central pyrite.	
VN	80.19	80.28	80.00			Py	15.00	White-smoky quartz with blebby-massive pyrite.	
VN	80.51	80.70	60.00			Py	15.00	Grey-white quartz vein approximately 15cm thick. Mostly white-grey quartz hosting blebby-disseminated pyrite, blebby sphalerite, and blebby galena. Crosscut by a parallel 1.5 cm thick ankerite vein.	
						Sp	10.00		
						Ak	20.00		
						Ga	3.00		
VT	83.78	84.02	80.00		3.00	Py	5.00	Grey quartz veinlets that are somewhat discontinuous, hosting disseminated pyrite, with 2cm phyllic veinlet envelopes.	
VN	84.15	84.26	90.00			Py	10.00	Grey-smoky quartz vein with blebby-massive pyrite. Poorly defined vein borders.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	84.32	84.36	90.00			Py	5.00	Weakly colloform white quartz in alternating bands with grey quartz. Hosts disseminated pyrite, blebby sphalerite. Paralleled by 1cm vuggy ankerite vein.	
						Sp	1.00		
VT	84.43	84.58	80.00		3.00	Py	3.00	Vuggy white-grey quartz veinlets with disseminated pyrite and disseminated sphalerite.	
						Sp	1.00		
VN	87.38	87.48	90.00			Py	3.00	Weakly clay altered white-smoky quartz vein. Smoky quartz is clay altered, white is weakly crustiform. Hosts disseminated pyrite and disseminated sphalerite.	
						Sp	2.00		
VT	90.01	90.04	60.00			Py	1.00	White quartz veinlet with disseminated pyrite and blebby-massive hematite, bordered by dark green chlorite.	
						He	10.00		
VT	91.93	92.47	80.00		3.00	Py	80.00	Pyrite veinlets with dark green chlorite borders.	
						Cl	20.00		
VT	93.36	93.64	80.00		2.00	Py	8.00	White-grey quartz veinlet hosting blebby-disseminated pyrite with dark green chlorite borders.	
VT	95.01	95.08	90.00			Py	10.00	Grey-white crustiform quartz vein with two parallel ankerite veins (1.5cm and 0.4cm). Hosts disseminated-blebby pyrite. Some pyrite is in discontinuous veinlets. Quartz is cut by parallel aphanitic pyrite stringers. Hosts disseminated sphalerite, and is weakly brecciated.	
						Sp	1.00		
VN	97.56	97.62	70.00			Py	5.00	White-milky-grey crustiform quartz vein with pink chalcedony borders (1mm thick). Whit-grey quartz is in the centre, while milky quartz is at the edges.	
						Ch	8.00		
						Sp	1.00		
VT	98.73	99.51	60.00		2.00	Py	5.00	White-milky quartz vein with blebby pyrite along the edges, and dark green chlorite borders.	
VN	101.94	101.98	90.00			Py	10.00	White-smoky quartz vein with minor brecciation of white quartz by smoky quartz. Hosts disseminated-blebby pyrite.	
VN	103.06	103.09	80.00			Py	6.00	White-smoky quartz vein with indistinct borders, crosscut by carbonate veinlets. Hosts disseminated-blebby pyrite.	
VN	106.26	106.44	80.00			Py	15.00	White vuggy-crustiform quartz vein with a 3cm smoky quartz vein on either side. White quartz has gouged contacts with the smoky quartz, and some brecciation of the smoky quartz. Hosts massive pyrite, chalcopyrite, and blebby sphalerite.	
						Cp	5.00		
						Sp	8.00		
VN	106.92	106.95	60.00			Py	10.00	Grey quartz and tan chalcedony vein hosting blebby-disseminated pyrite and blebby chalcopyrite. Pyrite and chalcopyrite are closely intergrown, and 1mm thick milky quartz veinlet is the uphole border.	
						Cp	7.00		
						Ch	15.00		
VN	117.18	117.21	70.00			Py	6.00	Milky-grey banded quartz vein with disseminated pyrite and clay gouged uphole border.	
VN	113.65	113.76	60.00			Py	15.00	White quartz vein at 50 degrees hosting blebby pyrite, crosscut by two smoky quartz veins at 70 degrees hosting massive-blebby pyrite. 4cm thick gouge forms the uphole border.	
GO	113.76	113.92	80.00			Py	3.00	Thick gouge zone between two veins. Hosts pyrite crystals in clayey matrix.	
VN	113.92	114.01	50.00			Py	10.00	Grey quartz vein with netted milky quartz veinlets. Hosts massive-blebby pyrite and blebby chalcopyrite. Weakly clay altered.	
						Cp	5.00		
DY	117.72	117.83	50.00			Cl	2.00	Pink aplite dyke with blebby chlorite.	
VN	123.93	123.97	80.00			Py	2.00	Alternating 2mm bands of white and grey quartz in a 3cm thick vein. Hosts disseminated to blebby pyrite.	
VN	129.56	131.13	60.00		3.00	Py	3.00	White quartz veins with indistinct borders, mixed with dark green chlorite. Hosts disseminated pyrite.	
						Cl	10.00		
VT	133.89	135.36	90.00		6.00	Py	3.00	Smoky-grey quartz veinlet with high chlorite percentage. Has white quartz eyes and silicification. Hosts disseminated pyrite.	
						Ep	4.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	139.38	139.55	85.00		2.00	Py	2.00	White netted and smoky quartz veinlets hosting disseminated pyrite.	
VT	140.87	140.91	45.00			Py	5.00	White comb-massive quartz veinlet with blebby pyrite and dark green chlorite borders.	
						Cl	10.00		
VN	142.17	142.26	50.00			Py	15.00	Thick mottled white-grey quartz vein with blebby-disseminated pyrite, disseminated hematite, and some netted white quartz veinlets.	
						He	1.00		
VN	142.29	142.32	35.00			Py	10.00	Grey massive quartz vein with three central pyrite stringers and disseminated hematite.	
						He	1.00		
VN	142.94	142.96	80.00			Py	1.00	Comb-massive white quartz vein with parallel ankerite veinlet. Hosts disseminated pyrite.	
VT	143.24	143.28	35.00			Py	20.00	Grey quartz veinlet with indistinct edges, hosting blebby pyrite.	
VT	145.93	145.96	80.00		2.00	Py	10.00	Pyrite veinlets with blue-grey phyllic envelopes. Hosts disseminated hematite.	
						He	1.00		
VT	152.26	161.47	70.00		41.00	Py	10.00	Fourty-one veinlets to 1.2cm veins of blue-white quartz with central pyrite stringers and disseminated pyrite in quartz and narrow phyllic envelope.	
VN	161.98	162.05	90.00		2.00	Py	4.00	White-milky massive-crustiform quartz veins hosting disseminated-blebby pyrite and disseminated hematite. Crosscut by one chalcedony veinlet and has thick bright green chlorite at the borders.	
						He	1.00		
						Ch	3.00		
VT	163.68	164.10	40.00		2.00	Cb	10.00	White carbonate and quartz veinlets with weak banding in the quartz.	
VN	164.14	164.18	90.00			Py	1.00	Grey-white mottled quartz vein with discontinuous carbonate-filled microfractures. Hosts disseminated pyrite.	
						Cb	3.00		
VT	165.51	165.55	80.00		2.00	Py	5.00	White quartz veinlets (1-2mm) hosting disseminated pyrite and hematite.	
						He	5.00		
VN	166.31	166.33	70.00			Py	2.00	Smoky quartz vein with white quartz eyes.	
VN	166.62	166.75	90.00			Py	2.00	Vuggy white-grey quartz with clay gouged left border. Hosts disseminated pyrite.	
VT	167.22	167.25	45.00						
VT	170.24	170.33	50.00		5.00	Py	10.00	White massive quartz veinlets with central blebby pyrite.	
VT	172.73	172.75	70.00			He	3.00	White massive quartz veinlet stained by red hematite.	
VT	173.22	173.95	90.00			Py	5.00	White crustiform quartz veinlet with hematite staining and disseminated-blebby pyrite.	
						He	10.00		
VN	174.87	174.90	80.00			Py	7.00	White massive quartz vein with disseminated pyrite, hematite staining, and dark green chlorite at its edges.	
						He	3.00		
VT	175.34	175.37	50.00		2.00	Py	3.00	White discontinuous quartz veinlet with disseminated pyrite and dark green chlorite at edges.	
VT	180.80	181.71	60.00		5.00	Py	4.00	White-clear quartz veinlets with disseminated-blebby pyrite, in thick dark green chlorite envelopes.	
								EOH	

KLAZA

Hole: DDH-KL-12-83 **Date: July 10, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
32.61	10.5	4.1	380.3	239.4	GRD		PRO	1I	Py	1	2.743339	2.699077	Very weakly propyllitic granodiorite with crosscutting chlorite veinlets hosting disseminated pyrite.
49.17	10	4.1	385.8	249.3	GRD		PHC	4I	Py	6	2.922164	2.826374	Phyllic granodiorite with milky-grey quartz veinlet hosting disseminatd pyrite and galena, with a 2.5cm propyllitic envelope.
							PRO	3I	Ga	1			
									Se	1			
68.87	9.9	4.1	371.3	235.8	GRD		PHC	4I	Py	1	2.840744	2.740221	Intense phyllic granodiorte with quartz eyes.
							SIL	2I					
							PRO	1I					
76.65	10.2	4.1	384.9	242.1	GRD						2.858184	2.695378	Unaltered granodiorite
95.02	10.1	4.1	408.6	271.9	GRD		PHC	3I	Py	3	3.064216	2.989027	White-grey quartz vein hosting pyrite and sphalerite, cut by ankerit veinlet in moderate phyllic granodiorite.
									Sp	1			
									Ak	5			
135.66	10	4.1	381.3	239.4	GRD		PRO	3I			2.88808	2.687104	Moderate-intense propyllitic granodiorite hosting disseminated pyrite.
													EOH

KLAZA

Hole: DDH-KL-12-83 **Date: July 11, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
11.00	13.00	2.00	1.03	51.5	M899509	1				Very friable, lost core
13.00	14.33	1.33	0.98	73.7	M899510	1				
14.33	15.39	1.06	1.06	100	M899511	1				
15.39	17.37	1.98	1.58	79.8	M899512	1				
17.37	18.80	1.43	1.31	91.6	M899513	1				
18.80	20.11	1.31	1.29	98.5	M899514	1				
20.11	21.27	1.16	1.16	100	M899515	1				
21.27	23.02	1.75	1.67	95.4	M899516	1				
23.02	25.05	2.03	1.88	92.6	M899517	1				
25.05	26.66	1.61	1.49	92.5	M899518	1				
26.66	27.72	1.06	1.03	97.2	M899519	1				
					M899520	1				Blank
27.72	29.61	1.89	1.89	100	M899521	1				
					M899522	1				Klaza STD-1
29.61	32.61	3.00	3.00	100	M899523	1				
32.61	34.31	1.70	1.70	100	M899524	1				
34.31	36.32	2.01	2.00	99.5	M899525	1				
					M899526	1				Klaza STD-3
36.32	38.37	2.05	1.96	95.6	M899527	1				
					M899528	1				Duplicate
38.37	39.85	1.48	1.47	99.3	M899529	1				
39.85	40.85	1.00	0.91	91	M899530	1				
40.85	42.85	2.00	2.00	100	M899531	1				
					M899532	1				Coarse reject duplicate
42.85	45.01	2.16	1.86	86.1	M899533	1				
45.01	46.36	1.35	1.35	100	M899534	1				
46.36	48.12	1.76	1.76	100	M899535	1				
48.12	49.12	1.00	1.00	100	M899536	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
49.12	50.27	1.15	1.15	100	M899537	1				
50.27	52.21	1.94	1.66	85.6	M899538	1				
52.21	53.64	1.43	1.38	96.5	M899539	1				
53.64	55.70	2.06	2.05	99.5	M899540	1				
55.70	56.70	1.00	1.00	100	M899541	1				
					M899542	1				Blank
56.70	58.15	1.45	1.45	100	M899543	1				
58.15	60.00	1.85	1.84	99.5	M899544	1				
60.00	61.28	1.28	1.28	100	M899545	2				
61.28	62.92	1.64	1.62	98.8	M899546	2				
62.92	65.88	2.96	2.75	92.9	M899547	2				
65.88	67.00	1.12	1.12	100	M899548	2				
67.00	68.46	1.46	1.45	99.3	M899549	2				
					M899550	2				Blank
68.46	70.33	1.87	1.87	100	M899551	2				
70.33	71.41	1.08	1.08	100	M899552	2				
71.41	72.83	1.42	1.32	93	M899553	2				
					M899554	2				Duplicate
72.83	74.07	1.24	1.24	100	M899555	2				
					M899556	2				CDN-ME-15
74.07	77.00	2.93	2.93	100	M899557	2				
77.00	78.33	1.33	1.31	98.5	M899558	2				
78.33	80.09	1.76	1.75	99.4	M899559	2				
80.09	81.17	1.08	0.99	91.7	M899560	2				
81.17	83.64	2.47	2.43	98.4	M899561	2				
83.64	84.74	1.10	1.10	100	M899562	2				
84.74	87.09	2.35	2.21	94	M899563	2				
87.09	88.46	1.37	1.37	100	M899564	2				
88.46	89.99	1.53	1.48	96.7	M899565	2				
89.99	91.87	1.88	1.86	98.9	M899566	2				
					M899567	2				Coarse reject

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
91.87	92.97	1.10	1.09	99.1	M899568	2				
92.97	94.37	1.40	1.30	92.9	M899569	2				
94.37	95.38	1.01	0.99	98	M899570	2				
					M899571	2				
95.38	97.33	1.95	1.95	100	M899572	2				Blank
97.33	98.33	1.00	1.00	100	M899573	2				
98.33	99.55	1.22	1.22	100	M899574	2				
					M899575	2				CDN-ME-15
99.55	101.74	2.19	2.19	100	M899576	2				
101.74	102.87	1.13	1.01	89.4	M899577	2				
102.87	104.73	1.86	1.83	98.4	M899578	2				
104.73	105.83	1.10	1.04	94.5	M899579	2				
105.83	107.17	1.34	1.29	96.3	M899580	2				
107.17	109.16	1.99	1.81	91	M899581	3				
109.16	110.16	1.00	1.00	100	M899582	3				
110.16	113.16	3.00	3.00	100	M899583	3				
113.16	114.50	1.34	1.15	85.8	M899584	3				
					M899585	3				Blank
114.50	117.44	2.94	2.94	100	M899586	3				
					M899587	3				CDN-ME-15
117.44	120.44	3.00	2.96	98.7	M899588	3				
120.44	123.44	3.00	3.00	100	M899589	3				
					M899590	3				Coarse reject duplicate
123.44	125.12	1.68	1.66	98.8	M899591	3				
125.12	128.02	2.90	2.77	95.5	M899592	3				
128.02	130.15	2.13	2.10	98.6	M899593	3				
					M899594	3				CDN-ME-15
130.15	131.64	1.49	1.49	100	M899595	3				
131.64	134.56	2.92	2.88	98.6	M899596	3				
134.56	136.29	1.73	1.73	100	M899597	3				
136.29	139.29	3.00	2.84	94.7	M899598	3				
139.29	140.85	1.56	1.56	100	M899599	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
140.85	142.52	1.67	1.62	97	M899600	3				
					M899601	3				Blank
142.52	144.27	1.75	1.72	98.3	M899602	3				
144.27	146.00	1.73	1.47	85	M899603	3				
146.00	147.81	1.81	1.77	97.8	M899604	3				
147.81	148.88	1.07	1.07	100	M899605	3				
148.88	151.88	3.00	3.00	100	M899606	3				
151.88	154.88	3.00	2.93	97.7	M899607	3				
154.88	157.88	3.00	2.93	97.7	M899608	3				
157.88	159.56	1.68	1.68	100	M899609	3				
159.56	160.63	1.07	1.07	100	M899610	3				
160.63	163.07	2.44	2.41	98.8	M899611	3				
163.07	164.51	1.44	1.42	98.6	M899612	3				
164.51	165.73	1.22	1.22	100	M899613	3				
165.73	166.94	1.21	1.11	91.7	M899614	3				
166.94	167.94	1.00	1.00	100	M899615	3				
					M899616	3				Duplicate
										EOH

KLAZA

Hole: DDH-Kl-12-83 Logged: Tom B, Jamie G, Gareth W Date: July 10, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	8.23	8.23	2.38	29	1.07	13		2	4s	2w	
8.23	11.28	3.05	2.92	96	2.22	73		2	3s	2w	
11.28	14.33	3.05	1.92	63	0.11	4		1	1s	3w	
14.33	17.37	3.04	2.60	86	0.64	21		1	1s	3w	
17.37	20.42	3.05	2.89	95	1.68	55		2	3s	3w	
20.42	23.47	3.05	2.73	90	1.09	36		2	2s	3w	
23.47	26.52	3.05	2.86	94	1.62	53		2	2s	2w	
26.52	29.57	3.05	2.84	93	1.34	44		2	2s	2w	
29.57	32.61	3.04	3.05	100	2.20	72		2	3s	2w	
32.61	35.66	3.05	2.98	98	2.09	69		2	3s	2w	
35.66	38.71	3.05	2.92	96	1.82	60		2	2s	2w	
38.71	41.76	3.05	2.80	92	1.89	62		1	2s	3w	
41.76	44.81	3.05	2.91	95	1.35	44		2	3s	3w	
44.81	47.85	3.04	3.05	100	2.35	77		2	3s	2w	
47.85	50.90	3.05	3.05	100	2.80	92		2	4s	2w	
50.90	53.95	3.05	2.65	87	1.85	61		2	3s	2w	
53.95	57.00	3.05	3.05	100	2.13	70		2	3s	2w	
57.00	60.05	3.05	3.02	99	2.88	94		2	4s	1w	
60.05	63.09	3.04	2.96	97	2.52	83		2	3s	1w	
63.09	66.14	3.05	2.91	95	1.55	51		2	3s	2w	
66.14	69.19	3.05	3.05	100	1.09	36		2	2s	1w	
69.19	72.24	3.05	2.98	98	1.83	60		2	3s	1w	
72.24	75.29	3.05	3.05	100	2.28	75		2	4S	1W	
75.29	78.33	3.04	2.94	97	2.19	72		2	3S	1W	
78.33	81.38	3.05	3.04	100	1.64	54		2	2S	1W	
81.38	84.43	3.05	2.94	96	2.00	66		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
84.43	87.48	3.05	2.97	97	1.37	45		2	3S	1W	
87.48	90.53	3.05	2.97	97	1.46	48		2	3S	1W	
90.53	93.57	3.04	2.92	96	2.32	76		2	3S	1W	
93.57	96.62	3.05	3.05	100	1.65	54		2	3S	1W	
96.62	99.67	3.05	3.05	100	2.08	68		2	3S	1W	
99.67	102.72	3.05	2.93	96	2.25	74		2	3S	1W	
102.72	105.77	3.05	2.90	95	2.36	77		2	3S	1W	
105.77	108.81	3.04	2.85	94	2.72	89		2	2S	1W	
108.81	111.86	3.05	2.92	96	2.13	70		2	3S	1W	
111.86	114.90	3.04	2.96	97	1.54	51		2	1S	1W	
114.90	117.96	3.06	3.02	99	2.32	76		2	3S	1W	
117.96	121.01	3.05	2.86	94	1.58	52		2	4S	1W	
121.01	124.05	3.04	3.04	100	2.33	77		2	3S	1W	
124.05	127.10	3.05	2.92	96	2.69	88		2	4S	1W	
127.10	130.15	3.05	2.99	98	2.23	73		2	3S	1W	
130.15	133.20	3.05	3.00	98	2.42	79		2	3S	1W	
133.20	136.25	3.05	3.05	100	2.12	70		2	3S	1W	
136.25	139.29	3.04	2.95	97	2.38	78		2	3S	1W	
139.29	142.34	3.05	2.94	96	1.96	64		2	3S	1W	
142.34	145.39	3.05	2.73	90	1.70	56		2	3S	1W	
145.39	148.44	3.05	3.05	100	1.95	64		2	3S	1W	
148.44	151.49	3.05	3.05	100	2.46	81		2	3S	1W	
151.49	154.53	3.04	2.94	97	1.94	64		2	3S	1W	
154.53	157.58	3.05	2.98	98	2.51	82		2	4S	1W	
157.58	160.63	3.05	3.02	99	2.01	66		2	4S	1W	
160.63	163.68	3.05	3.01	99	2.12	70		2	4S	1W	
163.68	166.73	3.05	2.95	97	2.60	85		2	3S	1W	
166.73	169.77	3.04	2.99	98	2.38	78		2	3S	1W	
169.77	172.82	3.05	2.77	91	1.48	49		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	3.05	100	2.55	84		2	3S	1W	
175.87	178.92	3.05	3.01	99	2.50	82		2	3S	1W	
178.92	181.97	3.05	2.96	97	2.33	76		2	3S	1W	
181.97	185.01	3.04	2.99	98	2.35	77		2	3S	1W	
185.01	185.93	0.92	0.76	83	0.52	57		2	4S	1W	EOH

KLAZA

Hole: DDH-KL-12-83 **Tech Name:** Tom B, Jamie G, Gareth W **Date:** July **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	8.23		50.00	0.40	0.00	1.00	2R	2W	
8.23	11.28		60.00	0.15	0.00	2.00	2R	2W	
11.28	14.33		60.00	0.20	0.00	2.00	2R	3W	
14.33	17.37		60.00	0.15	0.00	2.00	2R	2W	
17.37	20.42		30.00	0.60	0.00	1.00	2R	3W	
			60.00	0.17	0.00	1.00	2R	2W	
20.42	23.47		35.00	0.15	0.00	1.00	2R	2W	
			60.00	0.20	0.00	2.00	2R	2W	
23.47	26.52		50.00	0.15	0.00	1.00	2R	2W	
26.52	29.57		45.00	0.12	0.00	1.00	2R	2W	
29.57	32.61		60.00	0.10	0.00	2.00	2R	2W	
			40.00	0.45	0.00	1.00	2R	2W	
32.61	35.66		55.00	0.25	0.00	2.00	3R	2W	
35.66	38.71		25.00	0.35	0.00	1.00	2R	1W	
			55.00	0.15	0.00	2.00	2R	1W	
38.71	41.76		35.00	0.20	0.00	2.00	2R	1W	
			70.00	0.35	0.00	1.00	2R	2W	
41.76	44.81		40.00	0.20	0.00	1.00	2R	2W	
44.81	47.85		30.00	0.50	0.00	1.00	2R	1W	
			70.00	0.40	0.00	2.00	2R	1W	
47.85	50.90		70.00	0.20	0.00	2.00	2R	1W	
50.90	53.95		40.00	0.15	0.00	2.00	2R	1W	
53.95	57.00		40.00	0.25	0.00	2.00	2R	1W	
57.00	60.05		30.00	0.60	0.00	1.00	2R	1W	
			70.00	0.20	0.00	3.00	3R	1W	
60.05	63.09		30.00	0.80	0.00	1.00	2R	1W	
			70.00	0.20	0.00	3.00	3R	1W	
63.09	66.14		30.00	0.25	0.00	2.00	2R	1W	
66.14	69.19		35.00	0.15	0.00	2.00	2R	1W	
69.19	72.24		30.00	0.15	0.00	2.00	2R	1W	
			60.00	0.30	0.00	2.00	2R	1W	

KLAZA

72.24	75.29		60.00	0.30	0.00	2.00	2R	1W	
75.29	78.33		70.00	0.35	0.00	1.00	3R	1W	
78.33	81.38		70.00	0.20	0.00	3.00	3R	1W	
81.38	84.43		50.00	0.35	0.00	1.00	3R	1W	
84.43	87.48			0.20	0.00	1.00	3R	1W	
87.48	90.53		60.00	0.20	1.00	3.00	3R	1W	
90.53	93.57		60.00	0.25	1.00	1.00	2R	1W	
93.57	96.62		70.00	0.15	0.00	1.00	2R	1W	
96.62	99.67		50.00	0.20	0.00	1.00	3R	1W	
99.67	102.72		60.00	0.30	0.00	1.00	3R	1W	
102.72	105.77		35.00	0.35	0.00	1.00	3R	1W	
105.77	108.81		40.00	0.25	0.00	1.00	3R	1W	
108.81	111.86		60.00	0.20	0.00	1.00	3R	1W	
111.86	114.90		50.00	0.20	1.00	1.00	3R	1W	
114.90	117.96		50.00	0.20	0.00	3.00	3R	1W	
117.96	121.01		50.00	0.20	0.00	1.00	3R	1W	
121.01	124.05		80.00	0.30	0.00	1.00	3R	1W	
124.05	127.10		80.00	0.40	0.00	1.00	3R	1W	
127.10	130.15		70.00	0.35	0.00	1.00	2R	1W	
130.15	133.20		70.00	0.45	0.00	1.00	3R	1W	
133.20	136.25		50.00	0.30	0.00	1.00	3R	1W	
136.25	139.29		70.00	0.16	0.00	1.00	2R	1W	
139.29	142.34		60.00	0.20	0.00	2.00	2R	1W	
142.34	145.39		30.00	0.80	0.00	1.00	3R	1W	
145.39	148.44		40.00	0.20	1.00	1.00	2R	1W	
148.44	151.49		50.00	0.17	0.00	1.00	2R	1W	
151.49	154.53		5.00	0.30	0.00	2.00	2R	1W	
154.53	157.58		50.00	0.11	0.00	1.00	2R	1W	
157.58	160.63		55.00	0.25	2.00	2.00	2R	1W	
160.63	163.68		30.00	0.55	0.00	1.00	2R	1W	
			70.00	0.15	0.00	1.00	2R	1W	
163.68	166.73		60.00	0.30	0.00	1.00	2R	1W	
166.73	169.77		45.00	0.30	0.00	1.00	2R	1W	
169.77	172.82		65.00	0.60	0.00	1.00	2R	1W	
172.82	181.97		60.00	0.30	1.00	2.00	2R	1W	
181.97	185.01		65.00	0.12	0.00	2.00	3R	1W	
185.01	185.93		50.00	0.15	0.00	1.00	2R	1W	EOH

KLAZA

Hole: DDH-KL-12-83 Date: July 10, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00		
6.00	2.05	
7.00	8.36	
8.00	15.60	
9.00	21.10	
10.00	24.10	
11.00	23.20	
12.00	0.77	
13.00	16.30	
14.00	16.10	
15.00	2.56	
16.00	7.07	
17.00	7.52	
18.00	4.61	
19.00	30.10	
20.00	24.00	
21.00	3.09	
22.00	1.06	
23.00	5.37	
24.00	13.30	
25.00	22.00	
26.00	21.40	
27.00	1.86	
28.00	16.10	
29.00	19.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	27.40	
31.00	18.60	
32.00	22.00	
33.00	24.00	
34.00	3.13	
35.00	2.62	
36.00	2.39	
37.00	12.50	
38.00	27.30	
39.00	31.90	
40.00	25.00	
41.00	5.28	
42.00	22.90	
43.00	0.86	
44.00	4.10	
45.00	21.20	
46.00	1.45	
47.00	26.70	
48.00	19.10	
49.00	30.10	
50.00	5.88	
51.00	2.27	
52.00	3.81	
53.00	18.30	
54.00	2.78	
55.00	1.23	
56.00	12.00	
57.00	1.74	
58.00	5.90	
59.00	14.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	8.65	
61.00	14.60	
62.00	1.70	
63.00	3.52	
64.00	5.82	
65.00	22.10	
66.00	1.25	
67.00	3.07	
68.00	2.27	
69.00	6.12	
70.00	1.23	
71.00	6.17	
72.00	39.80	
73.00	16.70	
74.00	13.60	
75.00	30.80	
76.00	25.50	
77.00	4.94	
78.00	1.10	
79.00	2.74	
80.00	2.76	
81.00	0.86	
82.00	3.50	
83.00	3.19	
84.00	3.58	
85.00	1.78	
86.00	8.13	
87.00	17.50	
88.00	1.53	
89.00	3.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.29	
91.00	10.70	
92.00	3.71	
93.00	15.40	
94.00	0.61	
95.00	3.05	
96.00	17.60	
97.00	25.00	
98.00	26.80	
99.00	2.87	
100.00	25.40	
101.00	19.40	
102.00	2.15	
103.00	4.14	
104.00	3.54	
105.00	23.20	
106.00	3.73	
107.00	9.20	
108.00	25.00	
109.00	26.80	
110.00	9.55	
111.00	26.40	
112.00	17.40	
113.00	20.30	
114.00	4.92	
115.00	19.20	
116.00	24.30	
117.00	30.50	
118.00	34.60	
119.00	20.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	34.90	
121.00	16.90	
122.00	27.80	
123.00	13.10	
124.00	1.04	
125.00	1.80	
126.00	18.90	
127.00	27.60	
128.00	19.50	
129.00	24.80	
130.00	27.30	
131.00	11.00	
132.00	33.10	
133.00	19.40	
134.00	7.19	
135.00	9.53	
136.00	1.76	
137.00	29.10	
138.00	17.70	
139.00	26.90	
140.00	12.10	
141.00	2.29	
142.00	1.61	
143.00	5.67	
144.00	2.35	
145.00	18.80	
146.00	2.70	
147.00	32.40	
148.00	3.93	
149.00	20.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	32.40	
151.00	22.00	
152.00	28.70	
153.00	24.10	
154.00	30.20	
155.00	22.00	
156.00	25.70	
157.00	17.50	
158.00	19.20	
159.00	17.30	
160.00	19.40	
161.00	18.70	
162.00	0.82	
163.00	27.60	
164.00	10.60	
165.00	2.31	
166.00	17.20	
167.00	2.93	
168.00	15.70	
169.00	25.10	
170.00	14.90	
171.00	18.30	
172.00	22.70	
173.00	27.70	
174.00	35.30	
175.00	25.20	
176.00	18.90	
177.00	8.85	
178.00	20.80	
179.00	19.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	16.20	
181.00	13.30	
182.00	23.00	
183.00	24.10	
184.00	21.70	
185.00	21.50	EOH

KLAZA

Hole: **DDH-KL-12-83** **Date: July 10, 2012**

Box #	From (m)	To (m)
1	0.00	11.28
2	11.28	17.55
3	17.55	23.02
4	23.02	28.87
5	28.87	34.39
6	34.39	40.11
7	40.11	45.80
8	45.80	51.60
9	51.60	57.39
10	57.39	63.21
11	63.21	69.03
12	69.03	74.72
13	74.72	80.46
14	80.46	86.21
15	86.21	91.80
16	91.80	97.53
17	97.53	103.27
18	103.27	109.16
19	109.16	114.84
20	114.84	120.44
21	120.44	125.68
22	125.68	131.64
23	131.64	137.28
24	137.28	143.19
25	143.19	148.88
26	148.88	154.62
27	154.62	160.26
28	160.26	165.98
29	165.98	171.60

KLAZA

30	171.60	177.43
31	177.43	183.17
32	183.17	185.43
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			381638.87	6889922.2	1281.95	486.77

SECTION:

HOLE: DDH-KL-12-84

CLAIM: YC37985

Contractor: Strike

Drill: 2

Core size: NQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 10-17, 2012

Geology logged by: T. Belgrano, N. Marsh, T. Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.22	1.22	OVB	Overburden and casing.
1.22	19.60	18.38	GRD	Heavily oxidized and rubbly granodiorite.
19.60	132.46	112.86	GRD	Mostly argillic granodiorite with patchy phyllic and propyllitic alteration.
132.46	317.80	185.34	GRD	Generally phyllic granodiorite with patchy propyllitic, argillic, and overprinting potassic alterations. Often crosscut by carbonate veinlets and mineralized
317.80	328.41	10.61	GRD	Unaltered granodiorite, with trace argillic, potassic, and propyllitic alterations.
328.41	415.93	87.52	GRD	Moderately propyllitic granodiorite with patchy phyllic and argillic alterations. Cross cut by carbonate veinlets and mineralized quartz veins.
415.93	420.21	4.28	FEL	Light grey quartz feldspar porphyry dyke.
420.21	430.70	10.49	GRD	Heavily silicified granodiorite, with intense obliteration of original textures.
430.70	439.58	8.88	FEL	Dark grey siliceous dyke.
439.58	464.59	25.01	GRD	Granodiorite chiefly altered by phyllic and propyllitic alteration halos, with patchy argillic.
464.59	486.77	22.18	GRD	Granodiorite with alternating patches of propyllitic and argillic alteration, with phyllic vein envelopes. All alterations lessen after 483.35m.
				EOH

SAMPLES

Numbers: N813001 - N813216
N811128-N811163

Total: 252

Batch: 8

Date Sent:

Certificate:

COMMENTS

Geo logging was split between three loggers: Tom Belegrano (0.00-307.60m), Nicole Marsh (307.60-431.11m), and Teresa Cruz (431.11-486.77m EOH).

KLAZA

Hole: DDH-KL-12-84 **Logger Name:** T. Belgrano, N. Marsh, T. Cruz **Date: 12 July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	1.22	1.22			0.00		OVB														Casing, no recovery.
1.22	307.60	306.38				mKgW	GRD	MG	MD	GY	XL	0L-4L		ARG	1I	0.01					Variably medium grey to buff tan, CG, variably limonitic stained, granodiorite w/ <1.5m zones of generally weak argillic alteration. and m scale zones of generally weak phyllic alteration. Weakly argillic altered. Core is beige-light tan, has <1mm black biotite books, relict feldspar, is pervasivley calcareous, has occasional diffuse red hematite ~10mm bands, generally good relict coarse crystalline textures. Moderatley argillic altered. core is light white, lacks biotite, competence, is predominantly FG. Core is variably oxidised/ limonitic in m scale focused zones to variably buff tan to earthy orange, generally effervescent/ calcareous where oxidised. M scale zones of phyllic alteration. to dull medium green, w/ pervasive pale green sericite and pervasive, sparse/ weak FG crystalline pyrite MX in <1mm blebs. Core is variably uncut to lightly cut by quartz veins, 1-60mm thick, variably smoky grey to light pink, asctd. w/ alteration, occasionally w/ weak, silver, FG, crystalline pyrite MX, variably weakly to strongly/ totally weathered to limonite, goethite focused on boundaries of veins. Core is pervasively cut by variably milky white to earthy orange limonite weathered carbonate veins/ veinlets 1-15mm thick, cross cutting and post dating quartz veining.
														PHC	1I						
			15.90	19.60		mKgW	GRD	MG	BF	TN	XL	4L									Buff tan to medium brown, heavily limonite stained/ weathered, moderatley quartz-carbonate veinlet cut granodiorite. Sparse, cm scale, variably oxidised to limonite/ goethite replaced, occasionally crustiform quarz veins. Abundant orange-black limonite/ goethite replaced, calcareous stringers. One 15cm, lightly BX'd quartz vein? or siliceous breccia w/ <10mm smoky quartz fragments, described in secondary structures. Distinct 10s cm scale intervals of clay supported gouge w/ 10mm angular fragments.
									MD	BR											
			23.27	27.82		mKgW	GRD	MG	MD	BG	XL	2L		ARG	2I						Granodiorite as general description, however, weakly argillic altered. to buff tan to bleached beige, friable grit/ rock. Variably weak-strong limonitic staining/ weathering to earthy orange. Relict coarse crystalline granodioritic texture generally preserved where uncrumbled. Black biotite books present throughout as well as single diffuse, ~10mm red, hematititic band.
									BF	TN											
			56.22	57.69		mKgW	GRD	MG	LT	GY	XL	2L		ARG	3I						Granodiorite as general description, however lightly to intensely argillic altered. To
			58.13	61.26		mKgW	GRD	MG	MD	GR	XL			PHC	3I	0.10					Medium dull green, moderately phyllic altered. Granodiorite w/ pervasive, sparse FG crystalline pyrite MX forming blebs and occasional planar discontinuous stringers, MX focused proximal to quartz veining.
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			105.76	106.50		mKgW	GRD	MG	MD	GR	XL			PHC	2I	1.00					Dull green-grey, lightly phyllic altered. Granodiorite associated. w/ 1cm quartz vein, pyrite MX is variably FG-MG crystalline, disseminated through granodiorite, focused proximal to vein.
			130.65	132.46		mKgW	GRD	MG	LT	GY	XL			ARG	3I						Light grey-green, bleached, moderately argillic altered granodiorite, variably competent to clayey rubble. Cut by cm scale thick carbonate veins.
								FG	LT	GR											
			141.53	147.30		mKgW	GRD	MG	LT	GY	XL			PHC	2I	1.00		SP	0.01		Variably light green to light grey to dark red, variably phyllic altered granodiorite. alteration. Associated. w/ quartz vein and pyrite MX, sparse sphalerite MX proximal to vein.
									LT	GR											
									DK	RD											
			143.91	146.11		mKgW	GRD	MG	MD	RD	XL					0.10					Medium-dark maroon red, pervasively hematite stained MG granodiorite w/ occasional FG, red tarnished pyrite stringers, <1mm thick.
									DK	RD											
			158.01	163.93		mKgW	GRD	MG	LT	GY	XL			PHC	2I	2.00					Variably light green- grey to green pink, variably phyllic, minor potassic altered. Granodiorite. Pervasive FG-CG yellowy silver crystalline MX in altered. zones, associated. w/ and focused on light pink quartz veins.
									LT	GN				PO	2I						
									LT	PK											
			172.65	173.95		mKgW	GRD	MG	LT	GR	XL			PRO	2I	1.00					Pale to dark green, respectively light to moderately phyllic to propyllitic altered. Granodiorite. Propyllitic core is 20-40% chlorite. Lightly cut by variably smoky to white quartz. Pervasive minor blebby pyrite MX, <3mm wide, associated <10mm long elongate sphalerite MX.
									DK	GR				PHC	2I			SP	0.10		
			183.06	185.52		mKgW	GRD	MG	LT	GR	XL			PHC	3I	2.00					Pale green-pinky green granodiorite w/ light-moderately phyllic altered. w/ 10s cm scale zones of potassic alteration. w/ index elevated biotite, k-feldspar. Occasional light argillic alteration. Lightly cut by quartz veins w/ light sulphide MX associated.
									LT	PK				POT	2I						
														ARG	2I						
			197.42	200.40		mKgW	GRD	MG	LT	GR	XL			PHC	3I						Pale green, moderately phyllic altered, CG crystalline granodiorite, lightly cut by smoky quartz stringers. Basal breccia, 40cm thick, strongly phyllic altered. Clasts, <6cm diameter, within light grey, FG, clayey matrix.
											BX										
			210.55			mKgW	GRD	MG	LT	GR	XL			PRO	2I	0.50					Pale green phyllic altered CG crystalline granodiorite, w/ pervasive hematite stained quartz stringers, occasional quartz veins w/ sulphide MX. Occasional propyllitic bands, 10s cm scale. Core grading to light potassic alteration. Downhole. Bounded basally by non-cohesive clayey grit, gouge? alteration?
									MD	GR				PHC	3I			HE	0.50		
														PO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			227.20	232.42		mKgW	GRD	MG	LT	GR	XL			PHC	3I	0.10					Pale green-medium grey, variably phyllic, potassic and argillic altered. Granodiorite. Where argillic altered. Core is generally non-cohesive, clayey grit to lightly cohesive clay w/ no relict texture.
									MD	GY				PO	2I						
														ARG	2I						
			234.70	245.80		mKgW	GRD	MG	MD	GR	XL			SIL	4I						As general granodiorite description, however, intensely silicified to high competence.
									MD	GY											
			247.00	251.44		mKgW	GRD	MG	LT	GR	XL			POT	2I	0.50					Generally light green, phyllic altered. Granodiorite with 10s cm scale, propyllitic, lightly potassic altered. Zones. Occasional clast supported brecciation destroys relict textures. Lightly cut by smoky quartz - light grey chalcedony veins <1cm thick, occasionally veins have moderate associated. pervasive CG yellow-silver pyrite MX.
									DK	GR	BX			PRO	3I						
									MD	GY				PHC	4I						
			270.10	279.05		mKgW	GRD	MG	LT	GR	XL			PHC	3I	0.10					Light green to grey-red granodiorite, variably light to moderately phyllic altered. to friable rock w/ relict XL texture. ~1m zones of biotite, k-feldspar rich potassic alteration. Phyllic altered. Core grades downhole into propyllitic alteration., dark green, chlorite rich, w/ ambiguous association. w/ veining. Core is lightly cut by smoky grey, lightly sulphide rich quartz veins generally <2cm thick.
									LT	RD				POT	2I						
														PRO	2I						
			279.05	285.80		mKgW	GRD	MG	LT	GR	XL			PRO	3I						Variably propyllitic to phyllic altered, silicic overprinted granodiorite. Phyllic altered. To gritty, sericite rich, non-cohesive clay. Propyllitic alteration. w/ chlorite. Generally moderately silicified.
									MD	GR				PHC	3I						
														SIL	3I						
			285.80	301.44		mKgW	GRD	MG	DK	GR			2L	PRO	3I						Dark green, propyllitic w/ variable silicic o/printing separating zones of weak cohesion, alteration. to clay. Grading through phyllic, light green into argillic, biotite devoid, granodiorite downhole. Grading associated w/ underlying BX?.
									LT	GR				PHC	2I						
														ARG	3I						
			301.44	307.60		mKgW	GRD	MG	LT	GR	BX			ARG	4I	5.00		HE	1.00		Generally light green, generally matrix supported breccia w/ 70cm intensely Brecciated zone w/ moderate sulphide MX. Zones of medium grey core given by disseminated sulphides comprising 40% of focused 70cm zone. Occasional clast support, clasts sub-rounded, 1-12mm diameter. Matrix is FG-VFG, variably, argillic, phyllic altered to bleached green. Lightly cut by veins, generally sheared and pre-dating brecciation. . FG-CG golden pyrite MX focused on 'veins' and pervasively disseminated through breccia, w/ sparse 2mm blebs of blue-silver galena within focused zones. Occasional hematite stained veinlets. Occasional CG chlorite infilled structures, <8mm thick.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									MD	GR				PHC	4I			GN	0.10		
307.60	317.80	10.20				mKgW	GRD	MG	LT	GN	MO			PHC	3I						Patchy phyllic, argillic and potassic altered Granodiorite. Potassic alteration overprints argillic alteration.
									LT	PK				ARG	3I						
														POT	3I						
317.81	375.62	57.81				mKgW	GRD	MG	MD	GY	MA			POT	1I						Weakly propyllitic grey-green altered granodiorite with quartz-carbonate veinlets throughout (some with phyllic alteration halos). Some weak crustiform textures.
														PRO	2I						
														ARG	1I						
			328.41	329.00		mKgW	GRD	MG	LT	PK				POT	3I						Moderate potassic alteration enveloping coarse-grained milky and smoky quartz veins hosting chlorite and minor epidote. 15 degrees tca. 1.7cm in width.
			367.79	365.32		mKgW	GRD	MG	LT	GN				PHC	2I						Weak phyllic alteration.
375.62	400.80	25.18				mKgW	GRD	MG	MD	GY	MA			PRO	2I						Patchy/alternating alterations of moderate argillic alteration with potassic overprinting, and grey-green
										GN				PHC	3I						
														ARG	3I						
400.80	416.93	16.13					GRD	MG	LT	GN				PHC	4I						Strong phyllic altered granodiorite with abundant quartz and quartz carbonate veins and veinlets. Vuggy, crustiform textures and mineralization common.
416.93	439.58	22.65																			
			416.93	420.21	3.28		FEL	FG	LY	GY	RB										Light grey quartz feldspar porphyry dyke. With some gougy faults and one small patch of granodiorite and quartz/quartz-carbonate stringers throughout.
			420.21	420.81	0.60		GRD						4I			4.00					Extremely altered and silicified granodiorite. Vuggy texture with disseminated pyrite. Medium grey colour with mottled colours of beige, green, and white from chlorite, quartz-carbonate, soft white crystals of feldspars.
			430.70	431.11	0.41		FEL	FG	DK	GY											Siliceous dyke, very dark-grey with dark-orange coloured staining/mottled colouration (green and white), elongated soft white feldspar phenocrysts (rare) and 6cm and 1cm white carbonate veins.
										OR											
			431.11	439.58	8.47	LKqP	FEL	FG	GY	RB				CLY	2I						Fine grained quartz feldspar porphyry dyke with crosscutting calcite veinlets and weak clay alteration, especially along heavily cracked and strained zones. Colour changes from red-brown to grey. Ends with unmineralized dyke selvedge, going into thick gouge.
									BN	FR											
439.58	468.77	29.19				mKgW	GRD	MG	LT	GN	XT			PRO	3I						Thick propyllitic envelopes with wide subintervals of argillic and phyllic around closely spaced veins. Veins are mineralized quartz and calcite, with weak mineralization. The phyllic-argillic envelopes are typically intense, and fully disguise the original propyllitic alteration. Occasional patches of pink potassic, usually in argillic alteration. Final 3m are very weakly propyllitic.
									MD	GY				PHC	3I						
														ARG	3I						
														POT	1I						
			439.58	441.34	1.76	mKgW	GRD	MG	LT	GN	GO			PHC	3I			Se	1.00		Moderate gouged for the first 1.25m, then returns to moderate phyllic overprint on propyllitic with disseminated sericite.
										GY				CLY	2I						
			441.34	443.93	2.59	mKgW	GRD	MG	LT	PK				PRO	3I						Moderate propyllitic alteration with potassic alteration of all non-epidote/chlorite grains. Potassic envelopes are also weakly clay altered.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
									MD	GY				POT	2I						
														CLY	1I						
			443.93	445.51	1.58	mKgW	GRD	MG	LT	GN				PHC	4I						Intense phyllic alteration bleaches out all pre-existing granodiorite textures. Crosscut by quartz veins.
										GY				CLY	2I						
			445.51	448.05	2.54	mKgW	GRD	MG	LT	GN	XT		1I	PRO	2I						Weak propyllitic granodiorite with weak and narrow phyllic veinlet envelops on crosscutting quartz veinlets. Weak silicification and quartz eye development.
									MD	GY				PHC	1I						
			448.05	448.91	0.86	mKgW	GRD	MG	LT	GN				PHC	3I						Phyllic interval with approximately 8cm borders of intense argillic where it contacts propyllitic alteration. Crosscut by mineralized quartz veins.
										GY				ARG	3I						
			448.91	451.15	2.24	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic granodiorite with weak phyllic vein envelopes on crosscutting quartz veinlets. Patchy pink potassic alteration.
									MD	GY				PHC	1I						
														POT	2I						
			451.15	459.73	8.58	mKgW	GRD	MG	LT	GN	XT			PHC	4I						Phyllic vein envelopes overlap and produce a nearly continuous overprint on propyllitic granodiorite. Some patches of weak propyllitic remain between more distant veins. Occasional pink potassic alteration and gouge near the ends of the interval.
									MD	GY				POT	1I						
														PRO	2I						
			459.73	464.59	4.86	mKgW	GRD	MG	LT	GN	XT			PRO	3I						Moderate propyllitic granodiorite with weak phyllic vein envelopes on crosscutting quartz veinlets. Patchy pink potassic alteration and short 10cm patches of intense argillic.
									MD	GY				ARG	2I						
														PHC	2I						
			464.59	467.18	2.59	mKgW	GRD	MG	LT	GN				ARG	4I			Bi	5.00		Argillic with weak phyllic vein envelopes, imparting a weak green stain on argillic clays. Argillic alteration hosts secondary biotite crystals.
										GY				PHC	2I						
			467.18	471.53	4.35	mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic with pink potassic alteration throughout, and 10 cm interval of intense argillic alteration. Crosscut by quartz veinlets.
									MD	GY				POT	2I						
														ARG	2I						
			471.53	474.82	3.29	mKgW	GRD	MG	LT	GN				ARG	4I						Strong argillic with patchy propyllitic and continuous pink potassic alteration, and narrow phyllic vein envelopes. Crosscut by quartz veinlets.
									MD	GY				PRO	2I						
														POT	2I						
														PHC	2I						
			474.82	483.35	8.53	mKgW	GRD	MG	LT	GN				ARG	4I						Strong argillic with patchy propyllitic and continuous pink potassic alteration, and thick phyllic vein envelopes. Crosscut by quartz veinlets.
									MD	GY				PHC	3I						
														POT	3I						
														PRO	2I						
			483.35	486.77	3.42	mKgW	GRD	MG	LT	GN				PRO	2I						Weakly propyllitic, nearly unaltered, granodiorite with weak and narrow phyllic vein envelopes. Crosscut by quartz veinlets and chlorite veinlets.
									MD	GY				PHC	1I						
														POT	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
																					EOH

KLAZA

Hole: DDH-KL-12-84 Logger Name: T. Belgrano, N. Marsh, T. Cruz

Depth (m)		DESCRIPTION
415.93		Hanging Wall (HW): Phyllic altered granodiorite. Footwall (FW): Quartz feldspar porphyry dyke. Abrupt contact at 70 degrees. Very brittle/friable at contact. Smoky quartz veinlets bearing pyrite proximal to contact.
420.21		HW: Quartz feldspar porphyry dyke. FW: intensly silicified granodiorite. Abrupt contact at 90 degrees. Intense silicification of both HW and FW, and granodiorite has vuggy/pitted textures near contact.
420.81		HW: Intensely silicified granodiorite. FW: Quartz feldspar porphyry dyke. Contact at 65 degrees, with approximately 3.5cm of gouge into HW. FW is friable.
430.70		HW: Quartz feldspar porphyry dyke. FW: Siliceous dyke. Gradational contact that is friable and slightly clay altered (fault?) material. Intensely silicified along contact.
431.11		HW Siliceous dyke. Abrupt contact at 70 degree contact weakly brecciated FW of quartz feldspar porphyry dyke.
431.26		HW: Quartz feldspar porphyry dyke. FW: Siliceous dyke. Abrupt contact at 85 degrees.
431.57		HW: Siliceous dyke, HW: Quartz feldspar porphyry dyke. Very abrupt contact at 80 degrees. FW is very intensely silicified (almost chalcedony, plastic texture), 1cm carbonate vein at
486.77		Sharp gouged contact at 90 degrees between HW (quartz feldspar porphyry dyke) and FW (phyllic granodiorite).
		EOH

KLAZA

Hole: DDH-KL-12-84 **Logger Name:** T. Belgrano, N. Marsh, T. C **Date:** July 18, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	11.90	11.95	55.00		1.00	GO	60.00	Dark brown totally goethite-limonite replaced vein, 5cm thick, lightly calcareous, bounded uphole by 8mm of weak argillic altered. Granodiorite, gritty brown-orange clay.	
						LI	40.00		
VN	16.11	16.12	70.00		1.00	GO	20.00	Earthy orange limonitic quartz vein, 1cm thick, enveloped by 1mm smoky quartz. Lightly calcareous.	
VN	16.12	12.27	70.00		1.00	LI	5.00	Light tan, lightly BX'd quartz vein,15cm thick, <8mm smoky quartz clasts/ fragments supported by light beige/ tan FG non-calcareous matrix. Enveloped by limonitic stringers.	
VN	16.77	16.81	70.00		1.00	LI	60.00	Dark grey to brown, intensly limonite and goethite replaced quartz vein, 4cm thick, relict medium grey quartz fragments, oxididation matrix is moderatley effervescent.	
						GO	40.00		
VN/VT	17.04	17.12	65.00		3.00	LI	60.00	Earthy orange-brown, limonite and geothite vein and veinlet set, lightly vuggy.	
						GO	40.00		
GO/VN	17.22	17.37	70.00		1.00	LI	50.00	Light brown clay gouge, >15cm thick, immediatley underlying quarz vein strongly weathered to geothite and limonite, possible gouge? Weathered vein? Goethite and limonite structure/ vein is black to earthy orange, powdery / clayey. Gouge has clay matrix support w/ angular, 1-10mm fragments of granodiorite. Structure situated at end of coring interval, possibly cave? poor recovery likely.	
						GO	50.00		
VN	19.20	19.26	80.00		1.00	GO	10.00	Yellow white to earthy brown-black, well vugged, lightly BX'd quartz vein, w/ matrix supported black, angular geothite replaced? Clasts. Crustiform basal conact w/ ~3mm relief. associated. w/ structure described below	
VN	19.28	19.43	75.00		2.00			Milky yellow-white, crustiform w/ 1mm relief, quartz veins, 6 and 14mm thick. Enveloped by smoky-black quartz.	
VT	32.48	32.49	50.00		1.00			White- light grey carbonate veinlet, ~8mm thick.	
VN	40.19	40.20	60.00		1.00	LI	50.00	Earthy orange to grey limonitic quarz vein, relict dark quartz visible within calcareous limonite replacement, 10mm thick.	
VN	40.96	40.97	60.00			LI	10.00	Light beige, lightly limonite stained quartz vein, 8-12mm thick.	
VT	41.72	41.74	60.00		2.00	LI	1.00	2cm section but by 2 quartz veinlets w/ associated. Limonite staining.	
VN/GO	41.86	42.02	50.00		1.00			Earthy orange, heavily limonite stained quartz vein, ~16cm thick, 9cm is argillic altered. To gritty rubble, possibly gouge? 1-10mm clasts in granular-sandy-clay matrix.	
VN	44.52	44.53	55.00		1.00	LI	20.00	Smoky grey quartz vein, 1cm thick, w/ limonitic stringers, <1mm, comprise 20% of vein. Weak, blebby, <2mm wide FG crystalline pyrite MX comprises 5% of vein.	
						PY	5.00		
VN	44.94	44.99	65.00		1.00	LI	25.00	Smoky grey quartz vein, 5cm thick, w/ blotchy limonite staining/ weathering, comprises 25% of vein, enveloped by limonitic stringers. Blebby FG crystalline, lustrous, silver pyrite comprises 15% of vein.	
						PY	15.00		
VT	45.22	45.23	65.00		1.00	PY	2.00	Light grey quartz veinlet, ~7mm thick, sparse, blebby, FG pyrite, 1mm wide,	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	46.13	46.19	40.00		1.00	PY	0.50	Earthy orange,, medium argillic altered. Quartz vein/veinlet set. 2cm section totally altered. To clayey grit. Moderate limonitic staining. V. sparse FG crystalline pyrite blebs, <1mm wide.	
						LI	5		
VT	47.39	47.40	70.00		1.00	PY	1.00	Smoky grey, limonite enveloped quartz veinlet w/ sparse FG crystalline silvery pyrite comprising ~1% of veinlet.	
GO	49.63	49.68	25.00					Low angle, earthy orange, limonitic stained, angular fragments supported by FG matrix. Fault?	
VN	51.70	51.72	45.00		1.00			White CG, crystalline calcite vein, 10-15mm thick.	
VN	54.04	54.10	50.00		1.00	PY	10.00	Milky white to earthy orange CG crystalline quartz vein w/ argillic seam and minor limonite/ goethite replacement. Blebby silvery FG crystalline pyrite comprises ~10% of vein.	
						LI	2.00		
						GO	2.00		
BN	58.39	58.44	35.00		1.00	PY	0.10	Moderate-strongly argillic altered, distinct 5cm thick band comprised of angular to granular quartz fragments within bleached pale green clay matrix. Sparse FG pyrite lines contact.	
VT	59.83	59.84	70.00		1.00			Yellowy-white, 5mm thick, quartz veinlet. associated. FG, crystalline pyrite proximal to VT.	
VN	60.70	60.71	50.00		1.00	LI	10.00	Orange-white limonite stained quartz vein, 8-10mm thick, w/ associated. Weak phyllic alteration. Halo.	
VN	78.40	78.44	25.00		1.00	CP	2.00	Pink-white quartz vein, 15mm thick, minor FG crystalline yellow-pearlescent, soft chalcopyrite discontinuous bands 2-4mm thick.	
VT	85.50	85.55	60.00		5.00			White quartz veinlet set, ~2mm thick, carbonate secondary veining/ infill. associated. Minor 10cm halo of weak argillic alteration.	
GO/ VN	101.27	101.30	40.00		1.00	He	10.00	Medium red, haematitic gouge/ argillic altered. Vein, 30mm thick.	
VN	105.76	105.82	25.00		1.00			White calcite vein, 40mm thick.	
VN	106.17	106.22	50.00		1.00	PY	4.00	Green-light grey quartz vein and stringer set. Center of phyllic alteration. Halo, ~4% MG crystalline pyrite, lightly disseminated ~3cm in phyllic altered. Granodiorite.	
VN	112.05	112.37	30.00		1.00			Pale green phyllic-argillic altered. Core to rubble, enveloped by calcite veins.	
VN	114.14	114.20	60.00		3.00		3.00	White calcite vein set, each ~8mm thick, w/ associated. Moderate phyllic alteration. Attacking ~10 cm into surrounded granodiorite	
VN	117.26	117.27	55.00		1.00	PY	0.01	Medium grey quartz vein, 10mm thick, w/ calcite secondary infill, single 1mm bleb of FG pyrite.	
VN	128.70	128.80	30.00		2.00			Yellowy white quartz vein set w/ white calcite o/printing/ secondary infill.	
VT/VN	131.83	131.95	40.00		3.00			Smoky quartz carbonate veinlet/ vein set, associated. w/ proximal argillic alteration. associated w/ below structure.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	132.21	132.23	20.00		2.00			Smoky quartz to yellowy white quartz veinlet set w/ secondary calcite infill up to 12mm thick. associated. w/ light phyllic alteration.	
GO?	134.80	134.95	45.00		1.00			Pale green, poorly sorted, non-cohesive, phyllic altered. Then argillic o/printed granodiorite.	
VT	142.21	142.41	40.00		4.00	PY	5.00	White to dull grey quartz veinlet set 1-3mm thick. Silvery, FG crystalline pyrite mx within veins and weakly disseminated into surrounding phyllic altered. Halo.	
VT	143.95	144.00	30.00		2.00	PY	50.00	2 veinlets, ~2mm thick, one of dark, tarnished pyrite and one of brown quartz.	
VT	144.55	144.56	30.00		1.00	PY	%	Tarnished black-red FG pyrite stringers, <1mm thick, slightly dendritic o/ 1cm, associated. w/ hematite stained granodiorite.	
VT	151.09	151.13	55.00		2.00			White quartz carbonate veinlets, 8mm thick.	
VT	158.35	158.69	40.00			PY	0.10	Smoky-grey to black quartz veinlets w/ black carbonate or sphalerite? Enveloping. associated. Phyllic alteration. Attacks 20 30cm in host rock. Minor FG crystalline pyrite MX, hematite MX.	
						HE	0.10		
						SP?	5.00		
VN/VT	159.63	159.60	40.00		5.00	PY	5.00	Light green-grey argillic, phyllic altered. Quartz veinlet set. FG crystalline pyrite MX within veinlets, CG, blebby crystalline pervasive pyrite MX <10cm from veinlets.	
VN/BX	160.20	160.27	55.00		1.00	PY	2.00	Dark grey quartz vein enveloping Brecciated white quartz vein. BX has 2-40mm angular fragments within dark quartz matrix. <1mm pyrite blebs Mixed within.	
	160.46	160.63	50.00		5.00	PY	0.10	Pinky white, vuggy quartz chalcedony veinlet set, 1-10cm thick, sparse FG pyrite MX within vugs.	
	165.95	167.57	5.00		3.00			Low angle carbonate infilled fracture/ vein, ~8mm thick.	
	170.17	170.18	30.00		2.00	EP		Pink quartz vein, 10mm thick, w/ white-grey discontinuous quartz veinlet, <3mm thick, within epidote? Chlorite stained quartz? Halo, 5cm thick, of elongate, recrystallized medium green crystals. Slickensided joint (fault) separating structures.	
VN	198.10	198.17	70.00		2.00	PY	10.00	Smoky quartz vein, 10mm thick, w associated. Black pyritic stringer. CG pyrite MX within vein.	
VN	199.42	199.71	20.00		4.00	PY	0.01	Light grey chalcedony vein/veinlet network, slightly undulose, 1-10mm thick, v. light pyrite MX.	
VN	206.77	206.85			2.00	PY	2.00	Variably smoky to yellow-white, MG crystalline quartz vein, veinlet, 2cm and 2mm thick. Veinlet is colloform w/ 1mm relief. Carbonate overprint. 2mm-12mm thick. Sparse FG-MG pyrite MX.	
VN	212.92	212.94			1.00	PY	5.00	Argillic altered. Carbonate replaced quartz? vein w/ relict MG pyrite MX w/ interstitial sphalerite. Strong propyllitic alteration halo attacking ~1.5cm into core.	
						SP	1.00		
VN	215.73	215.88	90.00		2.00	PY	2.00	Smoky quartz and milky white chalcedony vein, one 3cm thick, 90 TCA and one 4mm thick, 60 TCA. Light blebby, MG pyrite MX focused in chalcedony.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	217.85	217.86	85.00		1.00	PY	40.00	Partially pyrite/ sphalerite replaced/ Mixed milky white quartz stringers, 3mm wide.	
						SP	20.00		
VN	219.15	219.34	65.00		2.00	PY	10.00	Smoky quartz vein/ veinlet set w/ FG pyrite MX and associated. Phyllic alteration.	
VN	228.01	228.11	75.00		1.00	HE	5.00	Red-smoky grey quartz and grey chalcedony vein but by argillic altered. Seam. Lightly Brecciated into jumbled, clast supported BX. Argillic seam probably gouge? associated. Weak phyllic alteration. Diffuse red hematite within smoky quartz.	
VN	231.15	231.16	50.00		1.00	PY	5.00	Argillic altered. Quartz vein, ~10mm thick, w/ enveloping relict pyrite stringers, <1mm thick.	
VN	233.38	233.44	80.00		3.00	PY	20.00	Smoky quartz vein/ veinlet set within propyllitic/ phyllic alteration. Halo, FG-MG blebby pyrite MX, <8mm long, comprise 20% of altered. Host rock and veins within interval.	
VN	234.00	234.16	50.00		1.00	PY	10.00	16cm banded quartz vein, described uphole to downhole; 4cm CG crystalline white translucent quartz comprising ~20% blebby pyrite; 6cm yellow, mossy/ ghost sphered textured light earthy yellow chalcedony, 3-10mm diameter spheres, w/ sphalerite rich white quartz stringers cutting; 3cm thick FG pyrite w/ interstitial sphalerite w/ minor quartz; bonded down hole by 1cm thick, lightly vuggy, red-maroon haematitic quartz vein.	
						SP	5.00		
						HE	5.00		
VN	248.70	249.60	35.00		6.00	PY	5.00	Smoky quartz, a argillic altered. Vein set within strong phyllic altered. Rock. CG pyrite blebs Mixed along veins and pervasive to 249.60m. Also quartz veins ~70 TCA, 5-20mm thick, sheared, Brecciated, discontinuous.	
VN	260.45	250.46	65.00		1.00	PY	1.00	White quartz vein w/ sparse pyrite, FG within 5cm phyllic alteration. Halo.	
VN	264.34	264.36	25.00		1.00			Smoky, translucent quartz vein, 8mm thick w/ secondary carbonate veinlet. Discontinuous FG pyrite, Mixed bounding vein uphole ~1mm thick.	
VN	270.16	270.20	65.00		1.00			White-grey, CG crystalline quartz vein, banded/cut by <1mm thick, black sulphide stringers. Also light blebby silvery pyrite MX <2mm wide.	
VN	271.55	272.14	20.00		2.00	PY	2.00	Black sulphide rich quartz stringers w/ FG pyrite MX within 1cm of veinlets, phyllic alteration halo, 80cm wide centered equidistant between veinlets.	
VN/VT	274.60	275.00	75.00		5.00	PY	20.00	Translucent-grey-white quartz vein/ veinlet set discontinuously infilled w/ FG pyrite, light FG disseminated pyrite <1cm into host rock w/ phyllic-propyllitic alteration.	
VT	275.30	275.70	0.00		2.00	HE	100.00	Dark red, <1mm thick, hematite veinlet set, sub-parallel TCA.	
VT	276.30	276.85	30.00		4.00			Smoky quartz veinlet set w/ associated. Blebby quartz aggregation within phyllic altered. Zone.	
VN	277.15	277.30	65.00		2.00	HE	10.00	Smoky, impure quartz veins, ~8mm thick, hematite stained.	
VN	277.40	277.43	50.00		1.00			Light pink, lightly colloform vein, vuggy, 20 mm thick.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	278.48	278.54	65.00		1.00	PY	15.00	Translucent smoky quartz vein w/ abundant pyrite MX, MG, blebby, <10mm wide, cut by dendritic, colloform beige chalcedony.	
VN	278.88	278.92	20.00		1.00	PY	15.00	Quartz vein, 2cm thick, banded with black sulphides and white chalcedony.	
VN	285.94	286.02	70.00		1.00			Dull beige-milky off-white chalcedony multi staged vein, ~6cm thick.	
VN	286.85	286.87	30.00		1.00			Light grey banded chalcedony vein, banded non parallel to vein plane, light-medium grey bands.	
VT	303.30	303.40	40.00		3.00	PY	20.00	Sulphide tarnished relict quartz veinlet set, <1mm thick each, sheared, within BX. Fine pyrite discontinuous through veinlets. Occasional associated. Red hematite specks, <2mm width.	
						HE	1.00		
VN	305.82	305.95	30.00		2.00	PY	5.00	Light beige -white chalcedony vein, sheared perp. To vein plane, lightly Brecciated and within BX host rock. Light FG pyrite MX disseminated through host BX, continuous to following structure.	
VN/MX	306.00	306.60	30.00		3.00	PY	80.00	Brecciated zone with sub-planar zones of focused MX, main 'vein', 4cm thick comprised of 80% gold-silvery pyrite with blebs of interstitial blue-silver galena. 2 additional veins/zones of light pyrite MX. FG-MG pyrite pervasive through entire interval , comprising ~5% of Brecciated core.	
						GN	5.00		
FT	306.60	307.23	30.00		1.00			Weakly developed fault zone with fine grey clay at contact with previous interval. 30 degrees tca. Green, partly gouge zone.	
VT	315.06	315.12	35.00		1.00	Sp	<1	Blue and white quart veinlet hosting blebby pyrite, fine disseminated pyrite and fine acicular sphalerite.	
						Py	<1		
VT	316.57	316.66	40.00		1.00			Carbonate veinlet adjacent to 1.5cm of pervasive chlorite.	
VT	321.78	322.13	65.00		2.00			Pink ankerite veinlets at 60 and 70 degrees tca.	
VT	323.03	325.13	75.00		6.00			Quartz-carbonate veinlets at 70-80 degrees tca.	
VT	325.21	325.23	85.00		1.00	Py	<1	Blue and white quartz-carbonate veinlet hosting disseminated pyrite.	
VT	328.97	329.99	68.00		1.00	Py	<1	Quartz-carbonate veinlet and fine-blue mineral hosting minor disseminated pyrite.	
FT	332.60	332.70	70.00		1.00			Small weakly developing fault zone. Carbonate flooded and friable. Fine pyrite on edge of fault within quartz veinlet. Heavy chlorite through interval.	
VT	346.31	370.30	70.00		19.00			Nineteen <1mm (no stringers) veinlets of carbonate at angles from 60-85 degrees.	
VN	334.19	334.23	85.00					Pervasive band of very dark green chlorite 1.6cm wide.	
VT	370.21	380.31	80.00		9.00			Twelve quartz-carbonate veinlets. Some banded with smoky quartz (weakly crustiform) with most crosscutting at steep angles of 70-80 degrees and a few at 45-50 degrees.	
			50.00		3.00				
VN	375.87	376.21	15.00		1.00			Very shallow, large vein composed of very massive vitreous smoky-brown quartz and white calcite and montmorillonite/kaolinite, possibly taken in by vein when moving through host rock?. Offshoots of vein contain abundant soft clays and carbonate. Unsure of thickness (4cm at smallest point, 14 cm at vein head).	
VT	379.52	379.56	67.00					Quartz-carbonate veinlet and dark grey smoky quartz vein. 1.2cm fine disseminated pyrite.	
VT	381.70	381.74	65.00			Py	1.00	Banded (weak crustiform) ankerite and smoky quartz vein. 1.2 cm finely disseminated pyrite.	
VN	382.21	382.27	60.00					1cm smoky quartz vein.	
VT	382.80	383.05	20.00					Three smoky quartz veinlets 2mm, 6mm, and 4mm at 20 degrees.	
VN	383.15	383.35			2.00			21cm carbonate vein with broken smaller veinlets proximal.	
VN	384.25	384.35				Gn	4.00	Banded vein with crustiform ankerite and smoky quartz and white quartz-carbonate, hosting rare blebs of pyrite and fine dark galena.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Py	4.00		
	386.18	384.33	20.00			Py	1.00	Quartz-carbonate veinlet/stringer hosting disseminated and blebs of pyrite at edges.	
VT	388.13	391.11	80.00		4.00			Quartz-carbonate veinlets 70-90 degrees.	
VT	387.36	392.18	45.00		11.00			Quartz-carbonate veinlets at 45 degrees.	
	390.03	390.09				Py	1.00	Banded-crustiform vein of smoky quartz, ankerite, white quartz-carbonate and minor blebs of pyrite, 2.5 cm wide.	
	393.18	394.84	70.00		2.00			1cm veinlets of quartz-carbonate and smoky quartz, with crustiform texture.	
	394.17	394.33	35.00		3.00			Semi-netted, crustiform beige (brown) smoky quartz and quartz-carbonate. Four individual veinlets with stringers with netted and vuggy textures.	
	401.00	401.24				Py	1.00	Bands of chalcedony, quartz-carbonate, smoky quartz, and massive vitreous carbonate with vuggy and crustiform textures. Netted ankerite. Vein hosts blebby pyrite.	
	401.28	401.42	70.00					Smoky quartz vein 1.2cm and 6.2cm wide. Dark grey quartz vein crosscut by beige quartz-carbonate veinlets/stringers. Gouge for 1.5cm on hanging wall of vein.	
FT	403.01	403.06						1.5cm fault gouge at 70 degrees.	
VN	403.08	403.13	55.00		2.00			Two crustiform and vuggy ankerite and chalcedony and smoky-grey quartz veins (4cm and 2cm).	
VN	406.35	407.00	80.00			Py		Crustiform and vuggy smoky quartz, chalcedony, ankerite, and quartz-carbonate veins. Blebs of galena hosted within quartz, disseminated and blebby pyrite throughout. Minor sphalerite.	x
						Gn			
						Sp			
VN	407.43	407.47	85.00		3.00			Crustiform ankerite and quartz-carbonate with vuggy textures infused with quartz. Beige-orange colour. Three veins next to each other for 3.2 cm.	
VT	407.84	408.49	20.00		5.00			Stringers and small veinlets at mostly shallow angles.	
VN	409.23	411.59	61.00		3.00			Ankerite and smoky quartz crustiform veins and gouged veinlets, 1cm, 2.6cm, and 4 cm each. Hosts minor disseminated pyrite.	
VN	412.22	412.53	55.00		2.00	Py		Banded quartz-carbonate and dark quartz-ankerite hosts galena and pyrite with vuggy textures, 3cm each. Weak gouge and clay alteration on fractures.	
VN	412.65	413.76	38.00		2.00			Dark green chlorite and quartz vein with quartz-carbonate.	
VT	415.24	415.33	40.00			Py	6.00	Milky-smoky quartz veinlets hosting semi-massive pyrite with green and dark aphanitic sulphide, with gouge on fractures.	
GO	415.45	415.57	70.00			Py	1.00	Moderate green fault gouge with trace disseminated pyrite. Remnants of quartz veinlets in gouge.	
VN	415.57	415.67	34.00					Smoky-milky-dark blue quartz vein with disseminated and minor blebby pyrite (at end of gouge zone). 1.6cm.	
FT	415.90	415.94	70.00					Small, weakly developed fault zone. Friable.	
FT	420.83	420.87	70.00					Small fault zone at contact with dyke. Green and dark sulphides with chlorite colouration.	
FT	421.19	421.23	85.00					Soft moderately developed fault zone.	
VT	419.90	430.24	85.00					Quartz-carbonate and smoky quartz veinlets with stringers throughout.	
FT	419.34	427.23	65.00		4.00			Small weak to moderately developed fault zone from 1-1.9cm in width.	
GO	431.17	431.22						Weakly developed fault gouge.	
FT	431.36	431.57	87.00		3.00			White carbonate veins, 6cm, 1cm, and 1cm wide.	
VN	435.62	435.66	70.00					Thick massive calcite vein.	
VN	439.00	439.58	80.00		9.00	He	3.00	Dyke selvedge of closely spaced smoky quartz veins with red hematite staining.	
VN	439.58	440.70	90.00					Gouged phyllic granodiorite.	
GO	440.89	440.91	90.00		5.00	Fd	8.00	Grey translucent quartz veins with feldspar and chlorite phenocrysts.	
VN	444.10	445.23	80.00		4.00	Ca	5.00	White-grey banded quartz-calcite veinlets that are weakly vuggy.	
VT	445.73	447.93	60.00		3.00			Banded white quartz veinlets.	
VT	448.42	448.44	60.00			Qz	10.00	Calcite vein with white quartz veinlet borders, hosting disseminated pyrite.	
VN						Py	2.00		
	449.20	450.95	70.00		9.00	Cl	10.00	White quartz veinlets with dark green chlorite borders.	
VT	452.83	452.86	50.00			Py	1.00	Grey-creamy crackled quartz vein with interstitial calcite along cracks. Hosts weakly disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	456.83	456.87	70.00					Creamy weakly banded quartz vein.	
VN	457.36	457.39	80.00			Py	1.00	White massive quartz vein with milky chalcedony veinlet borders. Hosts weakly disseminated pyrite.	
VN						Ch	30.00		
	458.48	458.60	45.00					Grey translucent massive quartz vein that brecciated and contains clasts of phyllic granodiorite. Weakly clay gouged.	
VN	459.00	459.26	50.00		5.00	Ch	10.00	White-grey massive-weakly banded quartz veins approximately 1-2cm thick each, with parallel creamy chalcedony veinlets.	
VN	459.54	459.60	60.00			Py	1.00	Gouged phyllic-argillic granodiorite with mineralized quartz vein remnants hosting disseminated pyrite.	
GO	461.56	462.41	70.00		3.00	Ca	3.00	White massive quartz-calcite veinlets with creamy quartz veinlet borders.	
VT	461.15	462.33	45.00		3.00			White quartz veinlets with dark green chlorite borders	
VT	462.46	462.53	90.00					Gouged argillic-propyllitic granodiorite.	
GO	463.85	463.87	50.00					White weakly banded quartz veinlet with narrow phyllic alteration envelope.	
VT	464.26	464.75	20.00			Ca	10.00	Easter vein: creamy-white chalcedony veinlet borders, with large epidote inclusions in milky quartz. Discontinuous calcite veinlets. Purple hematite staining.	
VN						He	4.00		
						Ch	8.00		
						Ep	15.00		
	471.73	472.72	70.00		13.00			White-creamy quartz veinlets with phyllic envelopes and chlorite veinlets.	
VT	474.84	475.19	20.00			Py	1.00	Smoky massive-banded quartz vein with red hematite staining, crosscut by cracks filled with calcite and a calcite veinlet.	
VN						Cp	1.00		
						Ca	5.00		
	477.17	478.01	80.00					Grey-smoky crackled quartz veinlets.	
VN	478.47	478.52	80.00			Py	1.00	Grey translucent quartz vein with discontinuous veinlets of oxidized hematite and disseminated pyrite.	
VN						He	10.00		
	478.69	478.71	30.00					Grey translucent quartz vein.	
VN	479.29	479.47	60.00		3.00	Py	1.00	Weakly banded white-grey quartz veinlets with red-purple hematite-staining, disseminated chalcopyrite, and disseminated pyrite.	
VT						Cp	1.00		
						He	5.00		
	480.01	480.91	60.00		4.00	Py	1.00	White-creamy quartz veinlets with disseminated pyrite and weak phyllic envelopes.	
VT	482.21	482.27	50.00		2.00			White-creamy quartz veinlets with clay altered feldspar crystals.	
VT	482.52	482.53	80.00			He	3.00	White massive quartz veinlet with red hematite veinlet.	
VT	482.78	482.81	60.00			Ca	10.00	Grey translucent quartz vein with bands of discontinuous calcite veinlets inside and on the uphole border.	
VT	484.67	484.72	70.00		2.00	He	10.00	White-grey massive quartz veins with red hematite staining and phyllic envelopes.	
VT								EOH	

KLAZA

Hole: DDH-KL-12-84 **Date:**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
7.10	8.5	5.2	462.2	287.2	GRD						2.560439	2.641143	Variably grey to green, variably altd. GRD, MG, see geo log.
14.20	5.4	5.2	281.5	172.8	GRD						2.454641	2.589696	Variably grey to green, variably altd. GRD, MG, see geo log.
20.96	9.5	5.2	506.9	312.5	GRD						2.512477	2.60751	Variably grey to green, variably altd. GRD, MG, see geo log.
31.15	9.9	5.2	539.7	338.0	GRD						2.566969	2.675756	Variably grey to green, variably altd. GRD, MG, see geo log.
39.05	9.9	5.2	529.3	326.0	GRD						2.517504	2.603542	Variably grey to green, variably altd. GRD, MG, see geo log.
50.42	9.5	5.2	501.3	306.0	GRD		PHC	2L			2.48472	2.56682	Variably grey to green, variably altd. GRD, MG, see geo log.
59.88	9.6	5.2	545.6	348.6	GRD		PHC	2L			2.676126	2.769543	Variably grey to green, variably altd. GRD, MG, see geo log.
71.02	9.7	5.2	527.0	328.2	GRD						2.558246	2.650905	Variably grey to green, variably altd. GRD, MG, see geo log.
81.34	9.9	5.2	536.2	334.0	GRD						2.550322	2.65183	Variably grey to green, variably altd. GRD, MG, see geo log.
96.67	9.9	5.2	536.1	334.6	GRD						2.549847	2.660546	Variably grey to green, variably altd. GRD, MG, see geo log.
108.85	9.9	5.2	533.6	332.0	GRD						2.537956	2.646825	Variably grey to green, variably altd. GRD, MG, see geo log.
120.00	9.8	5.2	517.3	314.8	GRD						2.485535	2.554568	Variably grey to green, variably altd. GRD, MG, see geo log.
134.00	10.2	5.2	556.2	346.5	GRD						2.567641	2.652361	Variably grey to green, variably altd. GRD, MG, see geo log.
141.00	9.9	5.2	537.8	334.1	GRD						2.557932	2.640157	Variably grey to green, variably altd. GRD, MG, see geo log.
157.00	10	5.2	543.2	337.5	GRD						2.55778	2.640739	Variably grey to green, variably altd. GRD, MG, see geo log.
173.82	9.8	5.2	532.8	331.0	GRD						2.560009	2.640238	Variably grey to green, variably altd. GRD, MG, see geo log.
186.20	9.9	5.2	538.0	333.2	GRD						2.558883	2.626953	Variably grey to green, variably altd. GRD, MG, see geo log.
197.25	9.8	5.2	535.7	332.2	GRD						2.573943	2.632432	Variably grey to green, variably altd. GRD, MG, see geo log.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
203.38	10	5.2	545.1	338.5	GRD						2.566727	2.638432	Variably grey to green, variably altd. GRD, MG, see geo log.
214.10	9.8	5.2	513.2	308.5	GRD						2.465835	2.507084	Variably grey to green, variably altd. GRD, MG, see geo log.
231.52	9.9	5.2	541.9	337.4	GRD						2.577433	2.649878	Variably grey to green, variably altd. GRD, MG, see geo log.
244.05	10.02	5.2	534.8	320.8	GRD						2.5132	2.499065	Variably grey to green, variably altd. GRD, MG, see geo log.
261.00	9.6	5.2	528.0	330.1	GRD		SIL	3L			2.589799	2.66734	Variably grey to green, variably altd. GRD, MG, see geo log.
279.30	9.9	5.2	497.8	294.3	GRD						2.367681	2.446192	Variably grey to green, variably altd. GRD, MG, see geo log.
288.84	10	5.2	498.7	296.8	GRD						2.348242	2.470035	Variably grey to green, variably altd. GRD, MG, see geo log.
300.62	9.5	5.2	488.0	294.4	GRD						2.418798	2.520661	Variably grey to green, variably altd. GRD, MG, see geo log.
313.68	9.5	5.2	516.7	322.6	GRD						2.561051	2.66203	Variably grey to green, variably altd. GRD, MG, see geo log.
328.59	9.9	5.2	512.2	329.5	GRD						2.436171	2.803503	Potassic altered interval and coarse grained smoky and milky quartz vein.
347.1	9.9	5.2	530.4	347.1	GRD						2.522736	2.893617	Fresh granodiorite.
359.7	9.5	5.2	515.2	323.5	GRD						2.553617	2.687533	Fresh granodiorite.
445.47	9.9	5.2	522.6	323	GRD		ARG	3I			2.485637	2.618236	Moderate argillic with weak propyllitic with biotite sheets.
							PRO	1I					
458	9.7	5.2	539.8	339.6	GRD		ARG	3I	Bi	10	2.620382	2.696304	Moderate argillic with weak phyllic overprint.
							PHC	2I					
470.27	9.8	5.2	531.5	334.2	GRD		PRO	1I			2.553763	2.693867	Weak propyllitic altered granodiorite.
													EOH

KLAZA

Hole: DDH-KL-12-84 **Date: July 18, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
8.23	11.28	3.05	2.90	95.1	N813001	1				
					N813002	1				KL-STD-2
11.28	12.28	1.00	1.00	100	N813003	1				
12.28	14.33	2.05	2.05	100	N813004	1				
14.33	16.03	1.70	1.58	92.9	N813005	1				
16.03	18.21	2.18	1.96	89.9	N813006	1				
18.21	19.51	1.30	1.30	100	N813007	1				
19.51	21.98	2.47	2.45	99.1	N813008	1				
					N813009	1				Blank
21.98	23.27	1.29	1.23	95.3	N813010	1				
23.27	25.65	2.38	2.23	93.7	N813011	1				
25.65	28.70	3.05	2.60	85.2	N813012	1				
28.70	30.51	1.81	1.69	93.4	N813013	1				
30.51	32.51	2.00	1.88	94	N813014	1				
					N813015	1				Coarse reject
32.51	35.66	3.15	3.12	99	N813016	1				
35.66	37.83	2.17	2.14	98.6	N813017	1				
37.83	39.83	2.00	2.00	100	N813018	1				
					N813019	1				KL-STD-2
39.83	40.86	1.03	0.99	96.1	N813020	1				
40.86	42.33	1.47	1.30	88.4	N813021	1				
42.33	44.20	1.87	1.86	99.5	N813022	1				
44.20	45.20	1.00	0.96	96	N813023	1				
					N813024	1				Blank
45.20	48.15	2.95	2.77	93.9	N813025	1				
48.15	51.15	3.00	2.91	97	N813026	1				
51.15	53.10	1.95	1.86	95.4	N813027	1				
53.10	54.10	1.00	0.93	93	N813028	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
54.10	56.20	2.10	2.05	97.6	N813029	1				
					N813030	1				1/4 Duplicate
56.20	58.20	2.00	1.78	89	N813031	1				
58.20	59.80	1.60	1.50	93.8	N813032	1				
59.80	61.30	1.50	1.47	98	N813033	1				
75.60	77.90	2.30	2.30	100	N813034	1				
77.90	78.90	1.00	1.00	100	N813035	1				
105.30	106.30	1.00	0.95	95	N813036	1				
106.30	109.03	2.73	2.72	99.6	N813037	2				
109.03	110.70	1.67	1.67	100	N813038	2				
110.70	113.00	2.30	2.30	100	N813039	2				
					N813040	2				KL-STD-3
113.00	114.34	1.34	0.99	73.9	N813041	2				
127.76	128.76	1.00	1.00	100	N813042	2				
128.76	130.76	2.00	1.87	93.5	N813043	2				
					N813044	2				1/4 Duplicate
130.76	132.40	1.64	1.22	74.4	N813045	2				
		0.00			N813046	2				Blank
141.52	142.62	1.10	1.10	100	N813047	2				
142.62	144.62	2.00	1.89	94.5	N813048	2				
144.62	146.12	1.50	1.35	90	N813049	2				
146.12	147.12	1.00	0.99	99	N813050	2				
147.12	149.12	2.00	1.95	97.5	N813051	2				
149.12	151.12	2.00	1.80	90	N813052	2				
151.12	154.12	3.00	2.98	99.3	N813053	2				
					N813054	2				KL-STD-2
154.12	157.12	3.00	2.96	98.7	N813055	2				
157.12	158.12	1.00	1.00	100	N813056	2				
158.12	159.37	1.25	1.20	96	N813057	2				
159.37	160.75	1.38	1.37	99.3	N813058	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N813059	2				Blank
160.75	161.95	1.20	1.20	100	N813060	2				
161.95	163.75	1.80	1.56	86.7	N813061	2				
163.75	164.75	1.00	1.00	100	N813062	2				
164.75	166.87	2.12	2.10	99.1	N813063	2				
166.87	169.50	2.63	2.46	93.5	N813064	2				
169.50	170.50	1.00	1.00	100	N813065	2				
170.50	172.92	2.42	2.42	100	N813066	2				
172.92	173.92	1.00	1.00	100	N813067	2				
173.92	176.07	2.15	2.12	98.6	N813068	2				
176.07	177.07	1.00	1.00	100	N813069	2				
177.07	178.07	1.00	1.00	100	N813070	2				
178.07	179.07	1.00	0.99	99	N813071	2				
179.07	180.93	1.86	1.86	100	N813072	3				
					N813073	3				KL-STD-2
180.93	181.93	1.00	0.90	90	N813074	3				
181.93	183.10	1.17	1.17	100	N813075	3				
183.10	184.60	1.50	1.50	100	N813076	3				
184.60	185.60	1.00	0.98	98	N813077	3				
					N813078	3				Blank
185.60	188.70	3.10	2.93	94.5	N813079	3				
188.70	189.80	1.10	1.10	100	N813080	3				
189.80	192.80	3.00	3.00	100	N813081	3				
192.80	195.80	3.00	3.00	100	N813082	3				
195.80	198.05	2.25	2.20	97.8	N813083	3				
198.05	200.25	2.20	2.15	97.7	N813084	3				
200.25	203.10	2.85	2.80	98.2	N813085	3				
203.10	204.46	1.36	1.30	95.6	N813086	3				
					N813087	3				1/4 duplicate
204.46	205.40	0.94	0.94	100	N813088	3				
205.40	207.05	1.65	1.55	93.9	N813089	3				
207.05	208.35	1.30	1.25	96.2	N813090	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N813091	3				KL-STD-2
208.35	210.55	2.20	2.20	100	N813092	3				
210.55	212.57	2.02	2.00	99	N813093	3				
212.57	213.72	1.15	1.15	100	N813094	3				
					N813095	3				Blank
213.72	215.62	1.90	1.85	97.4	N813096	3				
215.62	216.62	1.00	1.00	100	N813097	3				
216.62	217.86	1.24	1.24	100	N813098	3				
217.86	219.36	1.50	1.50	100	N813099	3				
219.36	222.36	3.00	2.91	97	N813100	3				
222.36	225.30	2.94	2.94	100	N813101	3				
					N813102	3				Coarse reject
225.30	226.50	1.20	1.20	100	N813103	3				
226.50	227.69	1.19	1.00	84	N813104	3				
227.69	228.69	1.00	0.95	95	N813105	3				
228.69	231.10	2.41	2.35	97.5	N813106	3				
231.10	232.10	1.00	1.00	100	N813107	3				
232.10	233.33	1.23	1.05	85.4	N813108	4				
					N813109	4				KL-STD-2
233.33	234.33	1.00	1.00	100	N813110	4				
					N813111	4				Blank
234.33	236.73	2.40	2.36	98.3	N813112	4				
236.73	239.73	3.00	2.95	98.3	N813113	4				
239.73	242.73	3.00	2.90	96.7	N813114	4				
242.73	243.90	1.17	1.10	94	N813115	4				
243.90	245.92	2.02	1.98	98	N813116	4				
245.92	248.70	2.78	2.70	97.1	N813117	4				
248.70	249.70	1.00	0.96	96	N813118	4				
249.70	251.30	1.60	1.60	100	N813119	4				
251.30	254.30	3.00	2.98	99.3	N813120	4				
					N813121	4				Coarse reject
254.30	257.30	3.00	2.75	91.7	N813122	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
257.30	260.30	3.00	3.00	100	N813123	4				
260.30	263.30	3.00	2.90	96.7	N813124	4				
263.30	264.30	1.00	1.00	100	N813125	4				
					N813126	4				KL-STD-3
264.30	267.30	3.00	3.00	100	N813127	4				
267.30	269.95	2.65	2.65	100	N813128	4				
269.95	270.95	1.00	0.95	95	N813129	4				
270.95	272.30	1.35	1.25	92.6	N813130	4				
272.30	273.30	1.00	0.98	98	N813131	4				
					N813132	4				1/4 Duplicate
273.30	274.80	1.50	1.48	98.7	N813133	4				
274.80	277.10	2.30	2.00	87	N813134	4				
277.10	278.10	1.00	1.00	100	N813135	4				
278.10	279.10	1.00	1.00	100	N813136	4				
					N813137	4				Blank
279.10	281.10	2.00	1.80	90	N813138	4				
281.10	283.90	2.80	2.70	96.4	N813139	4				
283.90	285.90	2.00	1.90	95	N813140	4				
285.90	286.90	1.00	1.00	100	N813141	4				
286.90	289.37	2.47	2.35	95.1	N813142	4				
289.37	292.37	3.00	3.00	100	N813143	4				
292.37	295.20	2.83	2.70	95.4	N813144	5				
295.20	297.20	2.00	2.00	100	N813145	5				
297.20	299.60	2.40	2.40	100	N813146	5				
299.60	300.60	1.00	1.00	100	N813147	5				
300.60	302.30	1.70	1.70	100	N813148	5				
					N813149	5				Kl-STD-2
302.30	303.80	1.50	1.50	100	N813150	5				
303.80	305.60	1.80	1.78	98.9	N813151	5				
305.60	306.93	1.33	1.33	100	N813152	5				
					N813153	5				Blank
306.93	308.35	1.42	1.36	95.8	N813154	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
308.35	309.35	1.00	1.00	100	N813155	5				
309.35	311.18	1.83	1.83	100	N813156	5				
311.18	312.18	1.00	0.95	95	N813157	5				
312.18	313.28	1.10	1.10	100	N813158	5				
313.28	314.57	1.29	1.29	100	N813159	5				
314.57	316.16	1.59	1.49	93.7	N813160	5				
316.16	317.81	1.65	1.65	100	N813161	5				
317.81	320.54	2.73	2.73	100	N813162	5				
					N813163	5				STD-KL-3
320.54	322.17	1.63	1.63	100	N813164	5				
322.17	323.58	1.41	1.41	100	N813165	5				
323.58	324.58	1.00	1.00	100	N813166	5				
					N813167	5				1/4 DUPLICATE
324.58	327.45	2.87	2.60	90.6	N813168	5				
327.45	328.80	1.35	1.34	99.3	N813169	5				
					N813170	5				BLANK
328.80	329.80	1.00	1.00	100	N813171	5				
329.80	332.20	2.40	2.40	100	N813172	5				
332.20	333.20	1.00	0.90	90	N813173	5				
333.20	334.43	1.23	1.23	100	N813174	5				
334.43	337.41	2.98	2.98	100	N813175	5				
337.41	340.41	3.00	3.00	100	N813176	5				
					N813177	5				COARSE REJECT
340.41	341.67	1.26	1.21	96	N813178	5				
341.67	343.51	1.84	1.84	100	N813179	5				
343.51	344.67	1.16	1.14	98.3	N813180	6				
344.67	346.56	1.89	1.88	99.5	N813181	6				
346.56	349.56	3.00	2.98	99.3	N813182	6				
349.56	350.93	1.37	1.37	100	N813183	6				
350.93	352.12	1.19	1.16	97.5	N813184	6				
352.12	355.12	3.00	3.00	100	N813185	6				
					N813186	6				STD-KL-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
355.12	357.56	2.44	2.42	99.2	N813187	6				
					N813188	6				COARSE REJECT DUPLICATE
357.56	358.56	1.00	1.00	100	N813189	6				
358.56	361.56	3.00	3.00	100	N813190	6				
361.56	363.39	1.83	1.80	98.4	N813191	6				
363.39	366.34	2.95	2.93	99.3	N813192	6				
366.34	367.83	1.49	1.49	100	N813193	6				
367.83	368.83	1.00	1.00	100	N813194	6				
					N813195	6				BLANK
368.83	371.75	2.92	2.92	100	N813196	6				
371.75	374.38	2.63	2.63	100	N813197	6				
374.38	375.62	1.24	1.21	97.6	N813198	6				
375.62	376.82	1.20	1.20	100	N813199	6				
376.82	378.99	2.17	2.16	99.5	N813200	6				
					N813201	6				STD-KL-3
378.99	380.22	1.23	1.23	100	N813202	6				
					N813203	6				1/4 DUPLICATE
380.22	381.67	1.45	1.45	100	N813204	6				
381.67	383.00	1.33	1.20	90.2	N813205	6				
383.00	384.19	1.19	1.19	100	N813206	6				
384.19	385.24	1.05	1.05	100	N813207	6				
					N813208	6				BLANK
385.24	386.57	1.33	1.32	99.2	N813209	6				
386.57	388.45	1.88	1.88	100	N813210	6				
388.45	389.45	1.00	1.00	100	N813211	6				
389.45	390.45	1.00	1.00	100	N813212	6				
390.45	391.99	1.54	1.53	99.4	N813213	6				
391.99	393.98	1.99	1.99	100	N813214	6				
393.98	394.99	1.01	1.00	99	N813215	6				
394.99	395.99	1.00	1.00	100	N813216	7				
					N813217	7				STD-KL-1
395.99	397.02	1.03	1.03	100	N813218	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
397.02	399.98	2.96	2.94	99.3	N813219	7				
399.98	400.98	1.00	1.00	100	N813220	7				
400.98	402.13	1.15	1.15	100	N813221	7				
402.13	403.31	1.18	1.18	100	N813222	7				
403.31	405.05	1.74	1.73	99.4	N813223	7				
405.05	406.05	1.00	1.00	100	N813224	7				
406.05	407.48	1.43	1.37	95.8	N813225	7				
					N813226	7				BLANK
407.48	409.52	2.04	2.05	100	N813227	7				
409.52	411.00	1.48	1.48	100	N813228	7				
411.00	412.05	1.05	1.05	100	N813229	7				
412.05	413.32	1.27	1.24	97.6	N813230	7				
413.32	414.98	1.66	1.66	100	N813231	7				
414.98	415.98	1.00	1.00	100	N813232	7				
					N813233	7				BLANK
415.98	418.00	2.02	1.93	95.5	N813234	7				
418.00	420.24	2.24	2.23	99.6	N813235	7				
420.24	421.59	1.35	1.27	94.1	N813236	7				
					N813237	7				1/4 DUPLICATE
421.59	423.59	2.00	1.90	95	N813238	7				
423.59	426.00	2.41	2.41	100	N813239	7				
426.00	429.00	3.00	3.00	100	N813240	7				
					N813241	7				COARSE DUPLICATE REJECT
429.00	430.63	1.63	1.63	100	N813242	7				
430.63	431.76	1.13	1.13	100	N813243	7				
431.76	433.62	1.86	1.76	94.6	N811128	7				
					N811129	7				Klaza STD-3
433.62	436.47	2.85	2.61	91.6	N811130	7				
436.47	439.58	3.11	3.00	96.5	N811131	7				
439.58	440.93	1.35	1.35	100	N811132	7				
440.93	442.74	1.81	1.68	92.8	N811133	7				
442.74	444.09	1.35	1.35	100	N811134	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
444.09	445.51	1.42	1.31	92.3	N811135	7				
445.51	447.43	1.92	1.38	71.9	N811136	8				
447.43	448.87	1.44	0.98	68.1	N811137	8				
					N811138	8				Blank
448.87	451.16	2.29	2.19	95.6	N811139	8				
451.16	453.24	2.08	2.04	98.1	N811140	8				
453.24	456.24	3.00	2.90	96.7	N811141	8				
456.24	457.57	1.33	1.33	100	N811142	8				
457.57	460.60	3.03	3.00	99	N811143	8				
460.60	462.93	2.33	1.99	85.4	N811144	8				
					N811145	8				Coarse reject duplicate
462.93	464.72	1.79	1.78	99.4	N811146	8				
464.72	465.80	1.08	1.01	93.5	N811147	8				
					N811148	8				Klaza STD-3
465.80	467.21	1.41	1.38	97.9	N811149	8				
467.21	469.93	2.72	2.72	100	N811150	8				
469.93	471.53	1.60	1.59	99.4	N811151	8				
471.53	473.67	2.14	2.02	94.4	N811152	8				
473.67	475.25	1.58	1.54	97.5	N811153	8				
475.25	477.02	1.77	1.77	100	N811154	8				
					N811155	8				Duplicate
477.02	478.83	1.81	1.78	98.3	N811156	8				
					N811157	8				Blank
478.83	480.31	1.48	1.48	100	N811158	8				
480.31	482.28	1.97	1.95	99	N811159	8				
482.28	483.33	1.05	1.05	100	N811160	8				
483.33	484.50	1.17	1.14	97.4	N811161	8				
484.50	485.50	1.00	1.00	100	N811162	8				
485.50	486.77	1.27	1.20	94.5	N811163	8				EOH

KLAZA

Hole: DDH-KL-12-84 **Tech Name: Gareth, Larissa, Jamie, Tory, Sezgin** **Date: July 12, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.22	1.22	0.00	0	-	-		-	-		No recovery, casing.
1.22	2.13	0.91	0.55	60	0	64		1	1S	5W	
2.13	3.66	1.53	1.07	70	1	58		1	4S	5W	
3.66	5.18	1.52	1.41	93	1	63		2	3S	3W	
5.18	8.23	3.05	2.97	97	1	48		2	4S	3W	
8.23	11.28	3.05	2.97	97	1	17		2	3S	4W	
11.28	14.33	3.05	2.92	96	2	68		1	3S	3W	
14.33	17.37	3.04	2.83	93	1	36		1	1S	5W	
17.37	20.42	3.05	2.99	98	2	81		2	4S	3W	
20.42	23.47	3.05	2.92	96	2	62		2	3S	4W	
23.47	26.52	3.05	2.63	86	1	19		1	1S	4W	
26.52	29.56	3.04	2.91	96	1	40		1	1S	4W	
29.56	32.61	3.05	2.80	92	1	45		2	2S	3W	
32.61	35.66	3.05	3.00	98	2	75		2	4S	2W	
35.66	38.71	3.05	3.00	98	2	64		2	1S	1W	
38.71	41.76	3.05	2.82	92	2	56		2	0S	3W	
41.76	44.80	3.04	2.96	97	2	61		1	0S	4W	
44.80	47.85	3.05	2.90	95	2	76		2	2S	3W	
47.85	50.90	3.05	2.96	97	1	45		2	1S	3W	
50.90	53.95	3.05	2.84	93	2	66		1	0S	3W	
53.95	56.99	3.04	3.04	100	1	29		2	0S	3W	
56.99	60.04	3.05	3.05	100	2	51		2	0S	2W	
60.04	63.09	3.05	2.89	95	2	79		2	1S	2W	
63.09	66.14	3.05	2.82	92	2	81		2	3S	2W	
66.14	69.19	3.05	2.83	93	2	57		2	3S	2W	
69.19	72.24	3.05	3.05	100	2	61		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	3.05	100	2	70		2	3S	1W	
75.29	78.33	3.04	3.03	100	1	44		2	3S	1W	
78.33	81.38	3.05	2.72	89	2	57		2	3S	1W	
81.38	84.43	3.05	3.05	100	3	89		2	3S	1W	
84.43	87.47	3.04	3.00	99	2	76		2	3S	1W	
87.47	90.53	3.06	2.92	95	2	51		2	3S	1W	
90.53	93.58	3.05	2.94	96	2	59		2	3S	1W	
93.58	96.62	3.04	2.82	93	1	43		2	3S	1W	
96.62	99.67	3.05	2.86	94	1	46		2	3S	1W	
99.67	102.72	3.05	3.02	99	2	59		2	4S	1W	
102.72	105.76	3.04	2.87	94	2	74		2	4S	1W	
105.76	108.81	3.05	2.98	98	2	71		2	3S	1W	
108.81	111.86	3.05	3.02	99	2	59		2	4S	1W	
111.86	114.91	3.05	2.70	89	1	47		2	3S	2W	
114.91	117.96	3.05	2.92	96	3	85		2	3S	2W	
117.96	121.01	3.05	3.00	98	2	65		2	2S	2W	
121.01	124.05	3.04	3.06	3	2	57		2	3S	2W	
124.05	127.10	3.05	2.78	91	2	52		2	1S	2W	
127.10	130.15	3.05	2.88	94	2	59		2	3S	2W	
130.15	131.98	1.83	1.36	74	0	21		1	0S	2W	
131.98	133.19	1.21	1.12	93	1	56		1	0S	3W	
133.19	136.25	3.06	2.88	94	2	57		1	2S	2W	
136.25	137.46	1.21	0.95	79	1	55		2	2S	2W	
137.46	139.39	1.93	2.10	2	1	71		2	3S	2W	
139.39	142.34	2.95	2.80	95	2	84		2	3S	2W	
142.34	145.39	3.05	2.83	93	2	60		2	2S	2W	
145.39	148.13	2.74	2.74	100	2	64		2	3S	2W	
148.13	151.19	3.06	2.77	91	2	49		2	3S	2W	
151.19	154.53	3.34	3.00	90	2	58		2	4S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
154.53	157.58	3.05	3.00	98	3	89		1	2S	2W	
157.58	160.63	3.05	2.73	90	2	63		1	1S	2W	
160.63	163.68	3.05	2.76	90	2	60		2	3S	2W	
163.68	166.73	3.05	2.85	93	2	72		1	1S	2W	
166.73	169.77	3.04	2.95	97	2	65		1	3S	2W	
169.77	172.82	3.05	3.02	99	2	78		2	4S	1W	
172.82	175.87	3.05	3.05	100	2	80		2	3S	1W	
175.87	178.92	3.05	3.05	100	2	82		2	3S	1W	
178.92	181.97	3.05	2.90	95	2	61		2	3S	1W	
181.97	185.01	3.04	3.05	100	2	73		2	4S	1W	
185.01	188.06	3.05	2.75	90	2	60		2	4S	1W	
188.06	191.11	3.05	2.92	96	2	72		2	3S	1W	
191.11	194.16	3.05	3.00	98	2	71		2	3S	1W	
194.16	197.21	3.05	3.00	98	2	63		2	3S	1W	
197.21	200.25	3.04	2.95	97	2	73		1	3S	1W	
200.25	203.30	3.05	2.94	96	2	57		1	3S	1W	
203.30	206.35	3.05	2.94	96	2	76		1	3S	1W	
206.35	209.40	3.05	2.80	92	2	54		1	3S	1W	
209.40	212.45	3.05	2.85	93	2	52		1	3S	1W	
212.45	215.49	3.04	2.95	97	2	60		1	3S	1W	
215.49	218.54	3.05	2.90	95	2	56		2	4S	1W	
218.54	221.59	3.05	2.86	94	1	46		2	3S	1W	
221.59	224.64	3.05	2.96	97	1	43		1	3S	1W	
224.64	227.69	3.05	2.87	94	2	55		1	2S	1W	
227.69	230.73	3.04	2.90	95	1	19		1	2S	1W	
230.73	233.78	3.05	2.79	91	2	70		2	3S	1W	
233.78	236.83	3.05	2.93	96	2	66		2	3S	1W	
236.83	239.87	3.04	2.86	94	2	64		2	3S	1W	
239.87	242.93	3.06	2.78	91	1	39		2	3S	1W	
242.93	245.97	3.04	2.80	92	2	52		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
245.97	249.03	3.06	3.05	100	2	56		2	3S	1W	
249.03	252.07	3.04	3.04	100	2	56		2	3S	1W	
252.07	255.12	3.05	3.00	98	1	25		2	3S	1W	
255.12	258.17	3.05	3.05	100	1	34		2	4S	2W	
258.17	261.21	3.04	2.90	95	2	54		2	3S	2W	
261.21	264.26	3.05	3.00	98	1	29		2	3S	2W	
264.26	267.31	3.05	3.05	100	1	48		2	3S	1W	
267.31	270.36	3.05	2.92	96	1	41		2	3S	1W	
270.36	273.41	3.05	2.87	94	1	27		2	3S	3W	
273.41	276.45	3.04	2.90	95	0	16		2	3S	3W	
276.45	279.50	3.05	2.97	97	2	51		2	3S	1W	
279.50	282.55	3.05	3.05	100	0	9		1	3S	4W	
282.55	285.60	3.05	2.94	96	0	5		2	3S	3W	
285.60	288.65	3.05	3.00	98	1	33		2	3S	2W	
288.65	291.69	3.04	2.90	95	1	22		2	3S	3W	
291.69	294.75	3.06	3.00	98	1	25		2	2S	3W	
294.75	297.79	3.04	3.03	100	1	44		2	3S	1W	
297.79	300.84	3.05	3.03	99	2	72		2	3S	1W	
300.84	303.89	3.05	3.05	100	2	74		2	4S	2W	
303.89	306.93	3.04	3.04	100	1	30		2	2S	2W	
306.93	309.98	3.05	3.05	100	1	36		2	1S	2W	
309.98	313.03	3.05	3.05	100	2	54		2	1S	2W	
313.03	316.08	3.05	2.90	95	2	60		2	2S	2W	
316.08	319.13	3.05	3.05	100	1	33		2	2S	2W	
319.13	322.17	3.04	3.04	100	1	20		2	1S	3W	
322.17	325.22	3.05	3.00	98	1	39		2	3S	2W	
325.22	328.27	3.05	2.90	95	0	5		2	2S	1W	
328.27	330.40	2.13	1.99	93	2	89		2	4S	1W	
330.40	331.32	0.92	0.92	100	1	98		2	2S	1W	
331.32	334.37	3.05	2.80	92	1	30		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
334.37	337.41	3.04	2.88	95	1	41		2	3S	1W	
337.41	340.46	3.05	2.93	96	1	46		2	4S	1W	
340.46	343.51	3.05	2.81	92	1	28		2	3S	1W	
343.51	346.56	3.05	2.96	97	1	35		2	3S	1W	
346.56	349.61	3.05	2.78	91	2	55		2	3S	1W	
349.61	352.65	3.04	2.96	97	2	53		2	2S	1W	
352.65	355.70	3.05	2.89	95	1	41		2	3S	1W	
355.70	358.75	3.05	2.89	95	2	61		2	3S	1W	
358.75	361.80	3.05	2.96	97	1	33		2	3S	1W	
361.80	364.85	3.05	2.97	97	1	26		2	2S	1W	
364.85	367.89	3.04	2.94	97	1	39		2	3S	1W	
367.89	370.94	3.05	3.01	99	2	61		2	2S	1W	
370.94	373.99	3.05	2.97	97	1	37		2	5S	1W	
373.99	377.04	3.05	2.96	97	1	47		2	3S	1W	
377.04	380.09	3.05	2.98	98	2	75		2	3S	1W	
380.09	383.13	3.04	2.95	97	1	49		2	2S	1W	
383.13	386.18	3.05	2.95	97	1	35		2	2S	1W	
386.18	389.23	3.05	2.98	98	2	63		2	3S	1W	
389.23	392.28	3.05	3.00	98	2	51		2	4S	1W	
392.28	395.33	3.05	3.00	98	2	66		2	5S	1W	
395.33	398.37	3.04	2.98	98	2	53		2	4S	1W	
398.37	401.42	3.05	3.01	99	2	70		2	4S	1W	
401.42	404.47	3.05	3.02	99	1	45		2	2S	1W	
404.47	407.52	3.05	2.91	95	2	64		2	3S	1W	
407.52	410.57	3.05	3.00	98	2	57		2	2S	1W	
410.57	413.61	3.04	2.98	98	2	62		2	4S	1W	
413.61	416.66	3.05	2.98	98	1	25		2	2S	1W	
416.66	419.71	3.05	2.95	97	1	20		2	2S	1W	
419.71	422.76	3.05	2.96	97	1	28		2	3S	1W	
422.76	425.81	3.05	3.00	98	0	12		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
425.81	428.85	3.04	2.97	98	1	24		2	4S	1W	
428.85	431.90	3.05	2.90	95	1	25		2	1S	1W	
431.90	434.95	3.05	3.00	98	2	63		2	1S	1W	
434.95	436.47	1.52	1.35	89	0	13		2	2S	1W	
436.47	438.00	1.53	1.57	103	0	0		2	2S	1W	
438.00	439.22	1.22	1.14	93	0	0		2	2S	1W	
439.22	441.05	1.83	1.83	100	1	49		2	4S	1W	
441.05	442.26	1.21	1.07	88	1	59		2	3S	1W	
442.26	444.09	1.83	1.83	100	1	56		2	3S	2W	
444.09	447.14	3.05	2.80	92	2	61		2	3S	1W	
447.14	450.19	3.05	2.94	96	2	61		2	4S	1W	
450.19	453.24	3.05	2.94	96	2	64		2	4S	1W	
453.24	456.29	3.05	3.03	99	2	73		2	4S	1W	
456.29	459.33	3.04	3.01	99	2	75		2	4S	1W	
459.33	462.38	3.05	2.71	89	2	71		2	4S	1W	
462.38	465.43	3.05	2.87	94	1	39		2	4S	1W	
465.43	468.48	3.05	3.01	99	2	61		2	4S	1W	
468.48	471.53	3.05	2.95	97	1	43		2	4S	2W	
471.53	474.57	3.04	2.86	94	1	34		2	4S	2W	
474.57	477.62	3.05	3.05	100	2	53		2	4S	1W	
477.62	480.67	3.05	3.05	100	2	59		2	3S	1W	
480.67	483.72	3.05	2.97	97	2	57		2	4S	1W	
483.72	486.77	3.05	2.93	96	2	61		2	3S	1W	EOH

KLAZA

Hole: **DDH-KL-12-84** **Tech Name: Gareth, Larissa, Jamie, Tory, Sezgin** **Date: July 12, 20** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.22	1.22							NO JOINT SETS
1.22	2.13	0.91							NO JOINT SETS
2.13	5.18	3.05							NO JOINT SETS
5.18	8.23	3.05							NO JOINT SETS
8.23	11.28	3.05							NO JOINT SETS
11.28	14.33	3.05							NO JOINT SETS
14.33	17.37	3.04							NO JOINT SETS
17.37	20.42	3.05	65.00	0.40	0.00	1.00	2R	2W	
20.42	23.47	3.05	60.00	0.25	0.00	1.00	2R	2W	
23.47	26.52	3.05	45.00	0.20	0.00	3.00	3R	1W	
26.52	29.56	3.04	60.00	0.25	0.00	1.00	2R	2W	
29.56	32.61	3.05	50.00	0.20	0.00	1.00	2R	3W	
32.61	35.66	3.05	50.00	0.35	0.00	1.00	2R	2W	
35.66	38.71	3.05	60.00	0.15	0.00	1.00	3R	2W	
38.71	41.76	3.05	60.00	0.20	0.00	1.00	2R	2W	
41.76	44.80	3.04	60.00	0.20	0.00	2.00	3R	2W	
44.80	47.85	3.05	40.00	0.25	1.00	1.00	2R	2W	
47.85	50.90	3.05	50.00	0.20	0.00	1.00	3R	2W	
50.90	53.95	3.05	50.00	0.20	0.00	1.00	3R	2W	
53.95	56.99	3.04	40.00	0.25	0.00	1.00	2R	2W	
56.99	60.04	3.05	70.00	0.20	0.00	2.00	3R	2W	
60.04	63.09	3.05	45.00	0.20	0.00	2.00	2R	2W	
63.09	66.14	3.05	40.00	0.30	0.00	1.00	2R	1W	
66.14	69.19	3.05	60.00	0.20	0.00	1.00	3R	1W	
69.19	72.24	3.05	60.00	0.50	0.00	1.00	2R	1W	
72.24	75.29	3.05	25.00	0.40	0.00	1.00	2R	1W	
75.29	78.33	3.04	30.00	0.20	0.00	1.00	2R	1W	
78.33	81.38	3.05	25.00	0.25	0.00	1.00	2R	1W	
81.38	84.43	3.05	50.00	0.30	0.00	1.00	2R	1W	
84.43	87.47	3.04	60.00	0.30	0.00	1.00	2R	1W	
87.47	90.53	3.06	60.00	0.10	0.00	1.00	2R	1W	Additional joint sets:50,0.25,0,1,2R.1W.
90.53	93.58	3.05	60.00	0.14	0.00	1.00	2R	1W	Additional joint sets:70,0.27,0,1,2R.1W / 65,0.23,0,1,2R,1W
93.58	96.62	3.04	-	-	-	-	-	-	
96.62	99.67	3.05	30.00	0.03	0.00	1.00	2R	1W	Additional joint sets:50,0.14,0,1,2R,1W
99.67	102.72	3.05	80.00	0.21	0.00	1.00	2R	1W	

KLAZA

102.72	105.76	3.04	-	-	-	-	-	-	
105.76	108.81	3.05	50.00	0.23	0.00	1.00	2R	1W	Additional joint sets: 60,0.12,0,1,2R,1W
108.81	111.86	3.05	50.00	0.15	0.00	1.00	2R	1W	Additional joint sets: 60,0.10,0,1,2R,1W
111.86	114.91	3.05	40.00	0.16	0.00	1.00	2R	2W	Additional joint sets: 70,0.13,0,1,2R,1W
114.91	117.96	3.05	40.00	0.24	0.00	1.00	2R	1W	
117.96	121.01	3.05	60.00	0.29	0.00	1.00	2R	1W	
121.01	124.05	3.04	60.00	0.30	0.00	1.00	2R	1W	
124.05	127.10	3.05	70.00	0.37	0.00	1.00	2R	1W	
127.10	130.15	3.05	-	-	-	-	-	-	
130.15	131.98	1.83	60.00	0.50	0.15	1.00	2R	2W	
131.98	133.19	1.21	40.00	0.20	0.00	1.00	2R	1W	
133.19	136.25	3.06	30.00	0.13	0.00	1.00	2R	1W	Additional joint sets: 70,0.40,0,1,2R,1W
136.25	137.46	1.21	-	-	-	-	-	-	
137.46	139.39	1.93	50.00	0.18	0.00	1.00	2R	1W	
139.39	142.34	2.95	60.00	0.24	0.00	1.00	2R	1W	Additional joint sets: 50,0.12,0,1,2R,1W
142.34	145.39	3.05	70.00	0.13	0.00	1.00	2R	1W	Additional joint sets: 60,0.47,0,1,2R,1W
145.39	148.43	3.04	70.00	0.11	0.00	1.00	2R	1W	Additional joint sets:60,0.34,0,1,2R,1W
148.43	151.49	3.06	60.00	0.19	0.00	1.00	2R	1W	
151.49	160.63	9.14	60.00	0.36	0.00	1.00	2R	1W	
160.63	163.68	3.05	40.00	0.07	0.00	1.00	2R	1W	
163.68	166.73	3.05	50.00	0.10	0.00	1.00	2R	1W	Additional joint sets: 60,0.32,0,1,2R,1W
166.73	169.77	3.04	60.00	0.18	0.00	1.00	2R	1W	Additional joint sets: 40,0.20,0,1,2R,1W
169.77	172.82	3.05	40.00	0.50	0.00	1.00	2R	1W	
172.82	175.87	3.05	50.00	0.25	0.00	1.00	3R	1W	
175.87	178.92	3.05	70.00	0.20	0.00	1.00	2R	1W	Additional joint sets:45,1.00,0,2,2R,1W
178.92	181.97	3.05	60.00	0.25	0.00	1.00	2R	1W	
181.97	185.01	3.04	40.00	0.45	1.00	1.00	2R	1W	
185.01	188.06	3.05	60.00	0.30	0.00	1.00	2R	1W	Additional joint sets: 30,0.35,0,1,2R,1W
188.06	191.11	3.05	45.00	0.30	1.00	1.00	2R	1W	Additional joint sets: 60,0.25,0,1,2R,1W
191.11	194.16	3.05	45.00	0.50	0.00	1.00	2R	1W	Additional joint sets: 70,0.40,0,1,2R,1W
194.16	197.21	3.05	60.00	0.40	0.00	1.00	2R	1W	
197.21	200.25	3.04	35.00	0.50	2.00	1.00	3R	1W	Additional joint sets: 60,0.30,2,1,3R,1W
200.25	206.35	6.10	60.00	0.25	0.00	1.00	3R	1W	
206.35	209.40	3.05	60.00	0.10	3.00	1.00	2R	1W	
209.40	212.45	3.05	80.00	0.40	0.00	1.00	2R	1W	
212.45	215.49	3.04	60.00	0.30	0.00	1.00	3R	1W	
215.49	218.54	3.05	60.00	0.15	2.00	1.00	2R	1W	
218.54	221.58	3.04	70.00	0.25	0.00	1.00	2R	1W	
221.58	224.64	3.06	60.00	0.20	0.00	1.00	3R	1W	
224.64	227.69	3.05	60.00	0.15	0.00	1.00	3R	1W	
227.69	230.73	3.04	60.00	0.20	0.00	1.00	3R	1W	
230.73	233.78	3.05	60.00	0.25	0.00	1.00	2R	1W	
233.78	236.83	3.05	60.00	0.25	0.00	1.00	2R	1W	
236.83	239.87	3.04	40.00	1.00	0.00	1.00	2R	1W	Additional joint sets: 60,0.40,0,1,2R,1W
239.87	242.93	3.06	65.00	0.40	0.00	1.00	2R	1W	

KLAZA

242.93	245.97	3.04	50.00	0.25	0.00	1.00	2R	1W	
245.97	249.02	3.05	40.00	0.30	0.00	1.00	2R	1W	
249.02	252.07	3.05	-	-	-	-	-	-	
252.07	255.12	3.05	35.00	0.10	2.00	3.00	3R	2W	
255.12	258.17	3.05	40.00	0.15	0.00	1.00	3R	2W	
258.17	261.21	3.04	-	-	-	-	-	-	
261.21	264.26	3.05	50.00	0.20	5.00	2.00	3R	2W	
264.26	267.31	3.05	45.00	0.20	3.00	1.00	3R	2W	
267.31	270.36	3.05	40.00	0.45	5.00	2.00	3R	2W	
270.36	273.41	3.05	60.00	0.45	0.00	2.00	3R	2W	
273.41	276.45	3.04	-	-	-	-	-	-	
276.45	279.50	3.05	55.00	0.20	3.00	2.00	3R	1W	
279.50	282.55	3.05	-	-	-	-	-	-	
282.55	285.60	3.05	65.00	0.15	3.00	2.00	3R	2W	
285.60	288.65	3.05	50.00	0.15	0.00	2.00	3R	1W	
288.65	291.69	3.04	-	-	-	-	-	-	
291.69	294.75	3.06	0.65	0.20	0.00	3.00	2R	2W	
294.75	297.79	3.04	40.00	0.40	1.00	2.00	3R	1W	
297.79	300.84	3.05	60.00	0.15	2.00	2.00	3R	1W	
300.84	303.89	3.05	-	-	-	-	-	-	
303.89	306.93	3.04	-	-	-	-	-	-	
306.93	309.98	3.05	30.00	0.45	5.00	2.00	2R	2W	
309.98	313.03	3.05	-	-	-	-	-	-	
313.03	316.08	3.05	30.00	0.50	10.00	3.00	3R	2W	
316.08	319.13	3.05	50.00	0.30	3.00	3.00	3R	2W	
319.13	322.17	3.04	-	-	-	-	-	-	
322.17	325.22	3.05	62.00	0.15	0.00	1.00	2R	1W	Additional joint sets:80,0.06,0,1,2R,2W
325.22	328.27	3.05	50.00	0.20	0.00	1.00	2R	1W	
328.27	330.40	2.13	80.00	0.40	0.00	1.00	2R	1W	Additional joint sets: 65,0.70,0,1,3R,1W
330.40	331.32	0.92	80.00	0.37	0.00	1.00	3R	1W	
331.32	334.37	3.05	80.00	0.16	0.00	1.00	2R	1W	Additional joint sets:30,0.75,0,1,2R,1W
334.37	337.41	3.04	40.00	1.43	0.00	1.00	2R	1W	Additional joint sets:80,0.28,0,1,2R,1W
337.41	340.46	3.05	65.00	0.03	0.00	1.00	3R	1W	Additional joint sets:45,0.40,0,1,3R,1W
340.46	343.51	3.05	45.00	0.17	0.00	1.00	2R	1W	
343.51	346.56	3.05	80.00	0.05	0.00	1.00	2R	1W	
346.56	349.61	3.05	70.00	0.27	0.00	1.00	2R	1W	Additional joint sets: 60,0.35,0,1,2R,1W
349.61	352.65	3.04	72.00	0.40	0.00	1.00	2R	1W	Additional joint sets: 78,0.30,0,1,2R,1W
352.65	355.70	3.05	70.00	0.06	0.00	1.00	3R	1W	
355.70	358.75	3.05	65.00	0.10	0.00	1.00	3R	1W	Additional joint sets:40,0.28,0,1,2R,1W
358.75	361.80	3.05	70.00	0.48	0.00	1.00	2R	1W	
361.80	364.85	3.05	50.00	0.25	0.00	1.00	2R	1W	Additional joints sets: 40,0.30,0,1,2R,1W
364.85	367.89	3.04	50.00	0.82	0.00	1.00	2R	1W	Additional joints sets: 70,0.48,0,1,3R,1W
367.89	370.94	3.05	40.00	1.43	0.00	1.00	2R	1W	Additional joints sets: 75,0.22,0,1,2R,1W
370.94	373.99	3.05	62.00	0.21	0.00	1.00	2R	1W	Additional joint sets: 35,1.10,0,1,2R,1W
373.99	377.04	3.05	60.00	0.13	0.00	1.00	2R	1W	Additional joint sets: 75,0.21,0,1,2R,1W

KLAZA

377.04	380.09	3.05	55.00	0.35	0.00	1.00	2R	1W	Additional joints sets: 70,0.44,0,1,2R,1W
380.09	383.13	3.04	60.00	0.25	0.00	1.00	2R	1W	
383.13	386.18	3.05	55.00	0.09	0.00	1.00	2R	1W	Additional joints sets: 45,0.20,0,1,2R,1W
386.18	389.23	3.05	78.00	0.25	0.00	1.00	2R	1W	
389.23	392.28	3.05	80.00	0.21	0.00	1.00	2R	2W	
392.28	395.33	3.05	40.00	0.26	0.00	1.00	2R	1W	Additional joints sets: 60,0.60,0,1,2R,1W
395.33	398.37	3.04	60.00	1.02	0.00	1.00	2R	1W	
398.37	401.42	3.05	77.00	1.12	0.00	1.00	2R	1W	
401.42	404.43	3.01	60.00	0.25	0.00	1.00	2R	1W	
404.43	407.52	3.09	70.00	0.75	0.00	1.00	2R	1W	
407.52	410.57	3.05	67.00	0.20	0.00	1.00	2R	1W	
410.57	413.61	3.04	65.00	1.30	0.00	1.00	2R	1W	
413.61	416.66	3.05	45.00	0.43	0.00	1.00	2R	1W	Additional joints sets: 78,0.10,0,1,2R,1W
416.66	419.71	3.05	70.00	0.04	0.00	1.00	2R	1W	
419.71	422.76	3.05	62.00	0.14	0.00	1.00	2R	1W	
422.76	425.81	3.05	60.00	0.20	0.00	1.00	2R	1W	Additional joints sets: 75,0.10,0,1,2R,1W
425.81	428.85	3.04	50.00	0.13	0.00	1.00	2R	1W	
428.85	431.90	3.05	70.00	0.11	0.00	1.00	2R	1W	
431.90	434.95	3.05	72.00	0.11	0.00	2.00	3R	1W	
434.95	436.47	1.52	-	-	-	-	-	-	Broken rocks, tiny weathering
436.47	438.00	1.53	80.00	0.06	0.00	1.00	2R	1W	
438.00	439.22	1.22	-	-	-	-	-	-	Rubbly of rocks
439.22	441.05	1.83	-	-	-	-	-	-	Weak rocks, broken
441.05	442.26	1.21	35.00	0.20	0.00	1.00	2R	2W	
442.26	444.09	1.83	72.00	0.07	0.00	1.00	2R	2W	
444.09	447.14	3.05	70.00	0.15	0.00	1.00	2R	1W	Additional joint sets: 80,0.04,0,1,2R,1W
447.14	450.19	3.05	60.00	0.32	0.00	1.00	2R	1W	Additional joint sets: 80,0.10,0,1,2R,1W
450.19	453.24	3.05	38.00	0.06	0.00	1.00	2R	1W	Additional joint sets: 65,0.05,0,1,2R,1W
453.24	456.29	3.05	65.00	0.40	0.00	1.00	2R	1W	
456.29	459.33	3.04	60.00	0.30	0.00	1.00	2R	1W	
459.33	462.38	3.05	45.00	0.70	0.00	2.00	2R	1W	Additional joint sets: 72,1.35,0,1,2R,1W
462.38	465.43	3.05	70.00	0.10	0.00	1.00	2R	1W	Additional joint sets: 40,0.82,0,1,2R,1W
465.43	468.48	3.05	70.00	0.19	0.00	1.00	2R	1W	Additional joint sets: 80,0.04,0,1,2R,1W
468.48	471.53	3.05	65.00	0.20	0.00	1.00	2R	1W	
471.53	474.57	3.04	52.00	0.40	0.00	1.00	2R	1W	
474.57	477.62	3.05	65.00	0.20	0.00	1.00	2R	1W	
477.62	480.67	3.05	70.00	0.12	0.00	1.00	2R	1W	Additional joint sets: 50,0.68,0,1,2R,1W
480.67	483.72	3.05	78.00	0.29	0.00	1.00	2R	1W	
483.72	486.77	3.05	60.00	0.60	0.00	1.00	2R	1W	EOH

KLAZA

Hole: DDH-KL-12-84 **Date: July 12, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	7.57	
2.00	5.94	
3.00	17.50	
4.00	18.10	
5.00	19.80	
6.00	15.30	
7.00	14.70	
8.00	12.20	
9.00	1.75	
10.00	9.62	
11.00	3.20	
12.00	6.71	
13.00	13.20	
14.00	14.10	
15.00	6.44	
16.00	5.05	
17.00	3.55	
18.00	3.84	
19.00	1.57	
20.00	3.82	
21.00	10.50	
22.00	3.82	
23.00	9.75	
24.00	9.11	
25.00	16.20	
26.00	7.19	
27.00	10.60	
28.00	4.68	
29.00	1.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	13.90	
31.00	15.80	
32.00	3.67	
33.00	3.86	
34.00	22.70	
35.00	7.83	
36.00	17.40	
37.00	3.20	
38.00	6.97	
39.00	1.93	
40.00	3.01	
41.00	2.41	
42.00	7.22	
43.00	12.60	
44.00	14.00	
45.00	4.62	
46.00	3.62	
47.00	12.40	
48.00	7.57	
49.00	3.62	
50.00	1.92	
51.00	4.50	
52.00	3.82	
53.00	17.50	
54.00	4.52	
55.00	13.80	
56.00	24.10	
57.00	6.62	
58.00	25.60	
59.00	7.59	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	2.58	
61.00	13.10	
62.00	11.00	
63.00	24.70	
64.00	11.70	
65.00	25.10	
66.00	18.40	
67.00	20.70	
68.00	20.90	
69.00	20.00	
70.00	21.50	
71.00	21.80	
72.00	22.20	
73.00	20.30	
74.00	24.60	
75.00	18.10	
76.00	22.30	
77.00	18.70	
78.00	2.41	
79.00	3.86	
80.00	20.30	
81.00	11.70	
82.00	13.10	
83.00	22.40	
84.00	19.20	
85.00	18.80	
86.00	15.60	
87.00	24.80	
88.00	25.10	
89.00	20.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	27.60	
91.00	17.60	
92.00	20.10	
93.00	21.10	
94.00	13.30	
95.00	15.70	
96.00	14.60	
97.00	15.40	
98.00	29.10	
99.00	24.30	
100.00	25.70	
101.00	22.80	
102.00	17.50	
103.00	15.50	
104.00	21.40	
105.00	27.70	
106.00	6.64	
107.00	4.81	
108.00	18.20	
109.00	17.40	
110.00	15.10	
111.00	26.00	
112.00	14.00	
113.00	5.51	
114.00	3.52	
115.00	25.60	
116.00	24.90	
117.00	8.17	
118.00	18.20	
119.00	5.37	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.93	
121.00	5.53	
122.00	4.77	
123.00	3.89	
124.00	6.02	
125.00	5.30	
126.00	13.20	
127.00	7.93	
128.00	12.00	
129.00	3.95	
130.00	20.60	
131.00	6.25	
132.00	2.54	
133.00	24.90	
134.00	20.50	
135.00	14.20	
136.00	21.80	
137.00	1.96	
138.00	24.50	
139.00	20.80	
140.00	20.30	
141.00	24.00	
142.00	4.87	
143.00	3.66	
144.00	5.49	
145.00	5.24	
146.00	3.99	
147.00	3.13	
148.00	18.50	
149.00	19.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	27.90	
151.00	26.20	
152.00	19.30	
153.00	17.50	
154.00	23.80	
155.00	12.90	
156.00	20.60	
157.00	22.50	
158.00	15.80	
159.00	4.57	
160.00	4.79	
161.00	3.05	
162.00	3.11	
163.00	3.64	
164.00	5.02	
165.00	9.86	
166.00	8.36	
167.00	3.50	
168.00	21.30	
169.00	18.20	
170.00	0.49	
171.00	2.15	
172.00	11.40	
173.00	4.57	
174.00	0.82	
175.00	2.56	
176.00	0.79	
177.00	0.77	
178.00	0.34	
179.00	17.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	16.10	
181.00	3.03	
182.00	3.32	
183.00	10.40	
184.00	1.41	
185.00	6.70	
186.00	13.90	
187.00	17.30	
188.00	11.80	
189.00	1.72	
190.00	9.26	
191.00	0.84	
192.00	3.83	
193.00	4.36	
194.00	5.94	
195.00	6.33	
196.00	11.10	
197.00	10.50	
198.00	1.35	
199.00	0.34	
200.00	0.32	
201.00	15.90	
202.00	4.12	
203.00	21.00	
204.00	16.00	
205.00	1.10	
206.00	16.90	
207.00	3.38	
208.00	19.90	
209.00	12.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	9.71	
211.00	0.77	
212.00	0.65	
213.00	0.34	
214.00	0.75	
215.00	3.69	
216.00	17.50	
217.00	11.20	
218.00	18.50	
219.00	8.71	
220.00	2.03	
221.00	13.30	
222.00	20.20	
223.00	8.71	
224.00	21.80	
225.00	20.00	
226.00	0.65	
227.00	2.35	
228.00	0.47	
229.00	2.19	
230.00	2.17	
231.00	0.57	
232.00	0.49	
233.00	12.90	
234.00	0.90	
235.00	18.10	
236.00	4.03	
237.00	22.80	
238.00	21.70	
239.00	10.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	14.20	
241.00	5.55	
242.00	19.80	
243.00	0.96	
244.00	5.45	
245.00	10.60	
246.00	0.94	
247.00	0.12	
248.00	0.79	
249.00	n/a	broken
250.00	0.32	
251.00	n/a	
252.00	n/a	
253.00	10.20	
254.00	n/a	
255.00	16.60	
256.00	12.40	
257.00	8.89	
258.00	16.80	
259.00	0.47	
260.00	13.70	
261.00	14.80	
262.00	n/a	
263.00	n/a	
264.00	0.84	
265.00	17.40	
266.00	17.00	
267.00	18.90	
268.00	12.20	
269.00	13.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.64	
271.00	0.40	
272.00	n/a	
273.00	12.90	
274.00	n/a	
275.00	n/a	
276.00	0.34	
277.00	0.45	
278.00	1.00	
279.00	1.50	
280.00	n/a	
281.00	n/a	
282.00	n/a	
283.00	0.93	
284.00	n/a	
285.00	n/a	
286.00	0.31	
287.00	0.56	
288.00	0.38	
289.00	4.59	
290.00	n/a	
291.00	n/a	
292.00	n/a	
293.00	n/a	
294.00	3.44	
295.00	0.58	
296.00	0.53	
297.00	0.32	
298.00	1.29	
299.00	0.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.38	
301.00	0.09	
302.00	0.18	
303.00	0.20	
304.00	0.45	
305.00	n/a	
306.00	0.23	
307.00	0.73	
308.00	0.38	
309.00	0.03	
310.00	n/a	
311.00	6.75	
312.00	7.52	
313.00	n/a	
314.00	4.30	
315.00	0.29	
316.00	n/a	
317.00	n/a	
318.00	n/a	
319.00	17.40	
320.00	16.10	
321.00	0.49	
322.00	n/a	
323.00	0.43	
324.00	17.90	
325.00	n/a	
326.00	15.70	
327.00	3.14	
328.00	12.40	
329.00	8.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	17.20	
331.00	14.70	
332.00	6.22	
333.00	0.53	
334.00	16.50	
335.00	14.50	
336.00	8.56	
337.00	12.00	
338.00	13.90	
339.00	8.12	
340.00	10.00	
341.00	14.70	
342.00	3.82	
343.00	16.90	
344.00	7.86	
345.00	12.20	
346.00	15.60	
347.00	8.32	
348.00	13.60	
349.00	0.56	
350.00	7.97	
351.00	6.47	
352.00	3.91	
353.00	13.50	
354.00	11.50	
355.00	13.90	
356.00	6.49	
357.00	9.58	
358.00	0.76	
359.00	14.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	18.20	
361.00	6.67	
362.00	1.37	
363.00	13.50	
364.00	9.68	
365.00	11.20	
366.00	15.10	
367.00	7.39	
368.00	0.56	
369.00	11.60	
370.00	1.92	
371.00	0.69	
372.00	2.92	
373.00	2.87	
374.00	12.80	
375.00	13.90	
376.00	12.80	
377.00	13.30	
378.00	12.40	
379.00	2.43	
380.00	4.79	
381.00	13.60	
382.00	5.70	
383.00	1.46	
384.00	0.53	
385.00	0.49	
386.00	0.58	
387.00	0.62	
388.00	0.51	
389.00	5.06	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	7.33	
391.00	6.16	
392.00	1.99	
393.00	5.38	
394.00	0.47	
395.00	9.93	
396.00	9.77	
397.00	15.80	
398.00	16.20	
399.00	11.70	
400.00	5.23	
401.00	0.31	
402.00	0.40	
403.00	0.31	
404.00	0.43	
405.00	0.56	
406.00	0.36	
407.00	0.23	
408.00	0.43	
409.00	0.67	
410.00	0.42	
411.00	0.38	
412.00	0.32	
413.00	0.31	
414.00	0.34	
415.00	0.54	
416.00	0.20	
417.00	0.53	
418.00	0.18	
419.00	0.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	0.29	
421.00	0.16	
422.00	0.38	
423.00	0.18	
424.00	0.20	
425.00	0.14	
426.00	0.18	
427.00	0.27	
428.00	0.31	
429.00	0.14	
430.00	0.16	
431.00	0.25	
432.00	0.54	
433.00	0.21	
434.00	0.10	
435.00	0.21	
436.00	0.12	
437.00	0.14	
438.00	0.34	
439.00	0.21	
440.00	0.27	
441.00	0.31	
442.00	0.53	
443.00	0.89	
444.00	0.53	
445.00	0.40	
446.00	8.12	
447.00	12.90	
448.00	5.19	
449.00	7.33	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	14.90	
451.00	4.84	
452.00	1.02	
453.00	0.38	
454.00	0.56	
455.00	0.64	
456.00	0.69	
457.00	0.34	
458.00	0.31	
459.00	0.43	
460.00	0.51	
461.00	3.40	
462.00	0.76	
463.00	10.90	
464.00	4.11	
465.00	0.27	
466.00	0.43	
467.00	7.24	
468.00	5.69	
469.00	6.69	
470.00	11.40	
471.00	16.80	
472.00	4.39	
473.00	1.42	
474.00	5.65	
475.00	0.32	
476.00	0.69	
477.00	0.49	
478.00	0.40	
479.00	0.42	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
480.00	0.45	
481.00	3.09	
482.00	0.86	
483.00	0.89	
484.00	n/a	forgotten
485.00	n/a	forgotten
486.00	n/a	forgotten
		EOH

KLAZA

Hole: **DDH-KL-12-84** **Date: July 12, 2012**

Box #	From (m)	To (m)
1	1.22	7.30
2	7.30	12.92
3	12.92	18.72
4	18.72	24.34
5	24.34	30.17
6	30.17	35.66
7	35.66	41.37
8	41.37	47.06
9	47.06	52.81
10	52.81	58.46
11	58.46	63.82
12	63.82	69.55
13	69.55	74.90
14	74.90	80.63
15	80.63	86.00
16	86.00	91.67
17	91.67	96.97
18	96.97	102.58
19	102.58	108.20
20	108.20	113.94
21	113.94	119.40
22	119.40	124.93
23	124.93	130.65
24	130.65	136.49
25	136.49	142.00
26	142.00	147.59
27	147.59	153.21
28	153.21	158.77
29	158.77	164.31

KLAZA

30	164.31	170.21
31	170.21	175.74
32	175.74	181.04
33	181.04	186.45
34	186.45	192.17
35	192.17	197.84
36	197.84	203.60
37	203.60	209.40
38	209.40	215.00
39	215.00	219.55
40	219.55	226.20
41	226.20	231.84
42	231.84	237.33
43	237.33	243.11
44	243.11	248.38
45	248.38	253.70
46	253.70	259.32
47	259.32	264.98
48	264.98	270.21
49	270.21	275.70
50	275.70	280.97
51	280.97	286.02
52	286.02	291.41
53	291.41	297.09
54	297.09	302.83
55	302.83	308.47
56	308.47	313.97
57	313.97	319.73
58	319.73	325.42
59	325.42	331.16
60	331.16	336.46
61	336.46	342.22
62	342.22	348.00
63	348.00	354.72
64	354.72	359.24
65	359.24	364.97
66	364.97	370.57

KLAZA

67	370.57	376.21
68	376.21	381.76
69	381.76	387.33
70	387.33	393.02
71	393.02	398.58
72	398.58	404.31
73	404.31	410.94
74	410.94	415.50
75	415.50	421.17
76	421.17	426.42
77	426.42	432.11
78	432.11	437.66
79	437.66	443.32
80	443.32	449.05
81	449.05	454.96
82	454.96	460.60
83	433.11	466.30
84	466.30	471.87
85	471.87	477.62
86	477.62	483.28
87	483.28	486.77
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382975.31	6889733.3	1413.968	340.31

SECTION:

HOLE: DDH-KL-12-85

CLAIM: YC39053

Contractor: Swiftsure

Drill: 2

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 11 - July 15th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.17	3.17	OVB	Overburden
3.17	52.32	49.15	GRD	Moderate-weakly oxidized propyllitic granodiorite.
52.32	54.19	1.87	FEL	Quartz feldspar porphyry dyke.
54.19	60.48	6.29	GRD	Moderate propyllitic with phyllic vein envelopes.
60.48	68.82	8.34	FEL	Weakly oxidized quartz feldspar porphyry dyke.
68.82	83.08	14.26	GRD	Propyllitic with patchy argillic and phyllic vein envelopes
83.08	99.59	16.51	FEL	Clay altered and oxidized quartz feldspar porphyry dyke.
99.59	109.66	10.07	VEN	Dyke selvedge/vein zone with strong mineralization.
109.66	126.96	17.30	GRD	Moderate argillic with phyllic vein envelopes.
126.96	139.66	12.70	GRD	Moderate propyllitic with phyllic vein envelopes.
139.66	191.32	51.66	GRD	Phyllic alteration with patchy propyllitic and argillic.
191.32	199.64	8.32	VEN	Vein zone with intense mineralization.
199.64	207.64	8.00	FEL	Weakly clay altered quartz feldspar porphyry dyke.
207.64	245.17	37.53	GRD	Moderate argillic with phyllic vein envelopes.
245.17	252.38	7.21	GRD	Phyllic alteration with patchy propyllitic and argillic.
252.38	258.49	6.11	VEN	Vein zone with intense mineralization.
258.49	320.23	61.74	GRD	Propyllitic with patchy argillic and phyllic vein envelopes
320.23	340.31	20.08	GRD	Moderate argillic with phyllic vein envelopes.

SAMPLES

Numbers: M899617 - M899650

N810001-N810196

Total: 230

Batch: 85-1 to 85-6, and 86-1

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-85 **Logger Name:** **Teresa Cruz** **Date: July 12, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	3.17						OVB														Overburden, mud, and soil.
3.17	52.32					mKgW	GRD	MG	LT	GN											Granodiorite with patches of phyllic, argillic, and propyllitic alteration. Crosscut by mineralized quartz veins/veinlets. Oxide staining varies from pervasive to fracture limited.
									MD	GY											
			3.17	8.90	5.73	mKgW	GRD	MG	LT	GN	RB	4I		PHC	3I						Turquoise-blue phyllic alteration. Intensely oxidized with pervasive staining and alteration to brown clays along fractures. Heavily fractured and crosscut by mineralized quartz veins.
									MD	BL	FR										
			8.90	15.70	6.80	mKgW	GRD	MG	LT	BN	RB	4I		PHC	2I						Phyllic granodiorite with intense oxide staining on fractures, and pervasive through most of the internal patches of unaltered granodiorite.
									MD	GY	FR										
			15.70	32.07	16.37	mKgW	GRD	MG	LT	GN		2I		PRO	2I						Weak-moderate propyllitic granodiorite with oxide staining on fractures and narrow-weak phyllic envelopes. Oxidation in fractures is intense, and has led to clay alteration. Crosscut by quartz veins and carbonate veinlets. Dumortierite development on less oxide-stained fractures.
									MD	GY											
			32.07	35.62	3.55	mKgW	GRD	MG	LT	GN				ARG	2I						Propyllitic granodiorite with moderate pink potassic alteration. Crosscut by carbonated
									MD	GY				PRO	2I						
														POT	3I						
			35.62	48.17	12.55	mKgW	GRD	MG	LT	GN	FR			PRO	3I						Propyllitic with weak potassic alteration. Weak-moderate phyllic envelopes on crosscutting quartz veins. Rubbly and fractured and clay altered at 39.57-47.50m. Densely fractured from 40.78-43.66m. Pervasive oxidation from 47.50-48.17m.
									MD	GY				POT	2I						
			48.17	52.32	4.15	mKgW	GRD	MG	LT	PK		3I		ARG	3I						Moderate-intense argillic alteration with patchy phyllic. Oxidation is pervasive and intense near fractures, which are substantially clay altered.
										GY				PHC	2I						
52.32	53.76	1.44				LKqP	FEL	FG	LT	GN		2I									Quartz feldspar porphyry dyke with crosscutting unmineralized quartz veinlets and carbonate veinlets that often lead to fracturing. Vugs are found within carbonate veinlets. Oxide staining is very common on fractures.
									MD	GY											
53.76	54.19	0.43				LKqP	FEL	FG	MD	GY	BX	2I				5.00					Dark grey-black brecciated quartz feldspar porphyry dyke that contains clasts of phyllic granodiorite. Crosscut by quartz and carbonated veinlets, that are often carbonate stained. Hosts disseminated-blebby pyrite, which is concentrated at the dyke edge and phyllic granodiorite.
									DK	BK											
54.19	60.48	6.29				mKgW	GRD	MG	LT	GN	XT	2I		PRO	3I						Propyllitic granodiorite with patch argillic and with phyllic veinlet envelopes. Crosscut by carbonate veinlets, with weak oxide staining. Oxide stains fractures.
									MD	GY				ARG	2I						
														PHC	2I						
60.48	68.82	8.34				LKqP	FEL	FG	LT	GN		2I									Quartz feldspar porphyry dyke with crosscutting carbonate veinlets. Slight brecciation at the start and end of the interval. Weakly oxidized on fractures and next to carbonate veinlets.
			.						MD	GY											
			60.48	60.89	0.41	LKqP	FEL	FG	LT	GN		2I									Porphyry dyke with clay altered plagioclase phenocrysts. Hosts a 5cm clast of phyllic granodiorite from 54.19-60.48m. Intruded by 8.5cm black mafic dyke, and 1mm cooling margin in the mafic dyke. Carbonate veinlets are closely spaced and often crosscut each other.
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			60.89	67.19	6.30	LKqP	FEL	FG	LT	GN		1I									Extremely fine grained, with fewer and smaller phenocrysts than usually seen at this property. Phenocrysts are quartz and clay altered feldspars approximately 0.5mm-1mm in diameter. Weak oxidation on carbonate veinlets.
									MD	GY											
			67.19	68.82	1.63	LKqP	FEL	FG	LT	OR		2I									Similar overall composition and textures in 60.89-67.19m, but with more pervasive iron staining, resulting in an overall orange colour. Orange highlights the flow regions within the porphyry dyke. Crosscut by smoky quartz veinlets that follow the banded structure of the dyke. Looks like the planet Jupiter.
									MD	GY											
68.82	83.08	14.26				mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic granodiorite with patchy phyllic and argillic, with phyllic vein envelopes and crosscutting quartz and carbonated veins and veinlets.
									MD	GY											
			68.82	70.33	1.51	mKgW	GRD	MG	LT	GN				PRO	4I	2.00		Cl	20.00		Dyke selvedge: intense propyllitic with high chlorite content, mostly in many chlorite veinlets. Entire interval is weak-moderate clay altered, especially in argillic patches. Crosscut by mineralized quartz veins.
									MD	GY				CLY	3I						
														ARG	2I						
			70.33	71.83	1.50	mKgW	GRD	MG	LT	GN				PRO	3I	1.00					Propyllitic and patchy argillic and weak clay alteration. Crosscut by many chlorite and carbonate veinlets. Hosts disseminated pyrite.
									MD	GY				ARG	3I						
														CLY	2I						
			71.83	71.90	0.07	LKqP	FEL	FG	LT	GY				CLY	1I						Thin quartz feldspar porphyry dyke, fine-grained with 1-6mm phenocrysts of clay altered feldspar.
									MD	GN											
			71.90	73.41	1.51	mKgW	GRD	MG	LT	GN		2I		ARG	3I						Moderately argillic with almost continuously overlapping quartz vein envelopes of phyllic alteration. Weak fracture staining by oxide.
									MD	GY				PRO	1I						
			73.41	77.62	4.21	mKgW	GRD	MG	LT	GN		2I	2I	PRO	3I						Moderate propyllitic granodiorite with phyllic vein envelopes and crosscutting carbonate veinlets. Patchy silicification and oxide-stained fractures. One patch of weak potassic staining/alteration.
									MD	GY				POT	1I						
			77.62	83.08	5.46	mKgW	GRD	MG	LT	GN			3I	PRO	2I						Weak-moderate propyllitic strongly overprinted by silica flooding from quartz veins and veinlets. Clay alteration is weak along fractures. Silicification intensifies near the quartz feldspar porphyry dyke.
									MD	GY				CLY	1I						
83.08	99.59	16.51				LKqP	FEL	FG	LT	GY	RB	2I		CLY	2I			Cb	5.00		Fine-grained quartz feldspar porphyry dyke with 1-4mm quartz and feldspar phenocrysts. Most feldspar phenocrysts have been clay altered. Dyke is crosscut by many veinlets, and is rubbly-gouged in patches. Oxidation commonly stains fractures.
									MD	GN											
99.59	109.66	10.07					VEN	MG	MD	GY				PHC	4I	5.00		Sp	1.00		Dyke selvedge/vein zone in intense phyllic alteration granodiorite with patchy clay alteration and frequent gouge intervals. Disseminated pyrite throughout, and hosted in many crosscutting veins. Mineralized quartz veins are typically thick (>5cm), vuggy, and host pyrite, galena, sphalerite, and arsenopyrite.
									DK	GN				CLY	3I			Ga	1.00		
																		As	1.00		
109.66	126.96	17.30				mKgW	GRD	MG	LT	GN				ARG	3I						Argillic crosscut by many mineralized quartz veins with thick phyllic envelopes. Envelopes are often overlapping and from continuous phyllic overprints on argillic. Patchy potassic alteration tints argillic zones pink.
									MD	GY				PHC	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
														POT	1I						
			109.66	110.13	0.47	mKgW	GRD	MG	LT	GN				PHC	4I						Intensely phyllic overprinted argillic because of closely space mineralized quartz veins following the dyke selvedge.
									MD	GY				ARG	3I						
			115.95	117.67	1.72	mKgW	GRD	MG	LT	GN			3I	PHC	4I						Intense phyllic alteration with moderate silica flooding, obliterating original argillic and granodiorite textures.
									MD	GY											
			117.67	120.77	3.10	mKgW	GRD	MG	LT	GN				PHC	3I						Continuous and overlapping vein envelopes leading to a moderate phyllic interval.
									MD	GY				ARG	2I						
			120.77	121.82	1.05	mKgW	GRD	MG	LT	GN				PRO	3I						Propyllitic alteration with weak-moderate phyllic envelopes on veins. High chlorite content imparts dark green colour. Silica flooding has led to hardening and quartz eyes.
									MD	GY				PHC	2I						
126.96	129.95	2.99				mKgW	GRD	MG	LT	GN				PRO	3I						Moderate propyllitic with well preserved original granodiorite textures. Weak phyllic envelopes on crosscutting veins.
									MD	GY				PHC	2I						
129.95	134.08	4.13				mKgW	GRD	MG	LT	GN	XT		2I	ARG	3I						Argillic altered granodiorite with patchy silicification and propyllitic, with phyllic vein envelopes. Propyllitic patches are obliquely positioned, relative to the angle of the core tube.
									MD	GY				PRO	2I						
														PHC	2I						
134.08	139.66	5.58				mKgW	GRD	MG	LT	GN	XT			PRO	3I						Moderate propyllitic granodiorite with patchy argillic and phyllic vein envelopes. Crosscut by carbonate and chlorite veinlets.
									MD	GY				PHC	2I						
														ARG	1I						
139.66	152.64	12.98				mKgW	GRD	MG	LT	GN	XT			PHC	3I	1.00					Phyllic overprinting argillic in granodiorite. Crosscut by mineralized quartz veins, pyrite stringers, and carbonate veinlets. Hosts weakly disseminated pyrite, with variable obliteration of original granodiorite textures. Patchy hematite staining.
									MD	GY				ARG	2I						
			151.68	152.13	0.45	mKgW	GRD	MG	LT	PK	XT			ARG	3I						Pink stained argillic granodiorite by moderate-intense hematite staining.
									MD												
152.64	176.56	23.92				mKgW	GRD	MG	LT	GN	XT		2I	PHC	3I						Phyllic granodiorite crosscut by mineralized quartz veins, with some gouge and carbonate veinlets. Phyllic overprinting some patchy argillic.
									MD	GY				ARG	2I						
176.56	184.20	7.64				mKgW	GRD	MG	LT	GN	XT		2I	PRO	3I						Moderate-intense propyllitic in granodiorite with patchy argillic, silicification, and phyllic vein envelopes. Crosscut by chalcedony veinlets and mineralized quartz veins.
									MD	GY				PHC	2I						
														ARG	1I						
184.20	189.29	5.09				mKgW	GRD	MG	LT	GN	XT			ARG	3I	1.00		Cb	3.00		Moderate argillic envelope with phyllic vein envelopes and crosscutting mineralized quartz veins and carbonate veinlets. Phyllic envelopes host weakly disseminated pyrite. Almost continuously overprinted by phyllic envelopes, with a small patch of potassic alteration.
									MD	GY				POT	1I						
														PHC	3I						
			188.82	189.29	0.47	mKgW	GRD	MG	LT	PK	XT			PHC	3I						Pink stained due to potassic alteration of argillic overprinted by phyllic.
									MD	GY				ARG	2I						
														POT	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
189.29	199.21	9.92				mKgW	GRD	MG	LT	GN	RB			PHC	3I	1.00					Intense-moderate phyllic alteration due to closely spaced vein zone. Many quartz veins crosscut this interval, which is weakly clay altered. Veins and adjacent phyllic granodiorite are rubbly and fractured.
									MD	GY	FR			ARG	2I						
														POT	1I						
														PRO	1I						
														CLY	2I						
			190.21	191.00	0.79	mKgW	GRD	MG	LT	GN	RB			PHC	2I			Ep	15.00		Intensely concentrated epidote zone hat is rubbly and fractured with clay alteration on fractures.
									MD	GY											
199.21	201.21	2.00				mKgW	GRD	MG	LT	GN	XT			PRO	4I	1.00					Intense-moderate propyllitic granodiorite with phyllic vein envelopes on several crosscutting veins.
									MD	GY				PHC	2I						
201.21	206.86	5.65				mKgW	GRD	MG	LT	GN	XT			ARG	2I	1.00					Moderate-weak argillic overprinted by moderate overlapping phyllic vein envelopes. Phyllic hosts disseminated pyrite. Crosscut by mineralized quartz veins and carbonate veins.
									MD	GY				PHC	3I						
			206.80	206.86	0.06	mKgW	GRD	FG	DK	BK				CLY	2I	1.00					Dyke selvedge: 6 cm thick black zone due to thick smoky quartz veins. Hosts disseminated pyrite and clay altered fragments of porphyry dyke.
206.86	207.64	0.78				LKqP	FEL	FG	LT	GN				CLY	2I						Quartz feldspar porphyry dyke crosscut by grey translucent quartz veinlets and white carbonate veinlets. Has many green, clay altered feldspar phenocrysts.
										GY											
207.64	209.47	1.83				mKgW	GRD	MG	LT	GN	XT			PHC	3I	1.00					Dyke selvedge: densely packed smoky quartz veins and veinlets hosting aphanitic massive pyrite, blebby-massive pyrite, blebby-massive galena, blebby sphalerite, and disseminated arsenopyrite.
									MD	GY											
			207.64	207.94	0.30	mKgW	GRD	MG	MD	GN	XT			PHC	3I	8.00	1.00	Ga	5.00		Moderate argillic granodiorite with overprinting phyllic vein envelopes. Crosscut by mineralized quartz veins. Hosts disseminated pyrite in vein envelopes.
									LT	GY								Sp	5.00		
209.47	211.20	1.73				mKgW	GRD	MG	MD	GN	XT			ARG	3I	1.00					Moderate argillic granodiorite with overprinting phyllic vein envelopes. Crosscut by mineralized quartz veins. Hosts disseminated pyrite in vein envelopes.
									LT	GY				PHC	2I						
211.20	221.50	10.30				mKgW	GRD	MG	MD	GN	XT			PRO	3I						Moderate-intense propyllitic granodiorite with phyllic vein envelopes.
									LT	GY				PHC	2I						
221.50	231.90	10.40				mKgW	GRD	MG	MD	GN	XT			ARG	3I						Moderate argillic granodiorite with overprinting phyllic vein envelopes. Crosscut by mineralized quartz veins. Hosts disseminated pyrite in vein envelopes and patchy pink potassic alteration.
									LT	GY				PHC	2I						
			228.60	229.49	0.89	mKgW	GRD	MG	MD	PK	XT			ARG	3I						Pink-grey argillic granodiorite with weak propyllitic near a quartz vein.
									LT	GY				PRO	1I						
			231.13	231.90	0.77	mKgW	GRD	MG	MD	GN	XT			PHC	3I			Cb	3.00		Moderate phyllic with patches of more intense phyllic around mineralized quartz veins.
									LT	GY											
231.90	239.71	7.81				mKgW	GRD	MG	MD	GN	XT			PRO	4I						Moderate-intense propyllitic alteration with patches of moderate-weak argillic, and phyllic vein envelopes.
									LT	GY				PHC	3I						
														ARG	2I						
			233.86	234.66	0.80	mKgW	GRD	MG	MD	GN	XT			PHC	3I	1.00					Moderate phyllic with crosscutting veins and patchy argillic and disseminated pyrite.
									LT	GY				ARG	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			235.66	236.12	0.46	mKgW	GRD	MG	MD	GN				PHC	4I	2.00		Cb	5.00		Moderate-intense phyllic alteration crosscut by major mineralized quartz veins. Hosts disseminated pyrite and is crosscut by carbonate veinlets.
									LT	GY											
			237.64	238.06	0.42	mKgW	GRD	MG	MD	GN				PHC	4I	1.00		Ak	8.00		Moderate-intense phyllic alteration hosting disseminated pyrite and crosscut by two mineralized quartz veins with ankerite borders.
									LT	GY											
239.71	245.17	5.46				mKgW	GRD	MG	MD	GN				ARG	3I						Moderate argillic overprinted by phyllic near mineralized quartz veins.
									LT	GY				PHC	2I						
245.17	262.64	17.47				mKgW	GRD	MG	MD	GN	GO			PHC	4I						Large phyllic alteration interval hosting a thick vein zone with several gouged intervals. Patchy clay alteration, especially near gouged zones. Crosscut by may mineralized quartz veins and carbonate/ankerite veinlets. Hosts disseminated pyrite.
									LT	GY				CLY	2I						
			246.39	252.07	5.68	mKgW	GRD	MG	MD	GN				PHC	3I	1.00		Cb	3.00		Moderate-intense phyllic with pervasive weak gouge and crosscutting quartz veins and carbonate/ankerite veinlets.
									LT	GY				CLY	2I			Ak	2.00		
			252.07	257.61	5.54		VEN	MG	MD	GN	GO			PHC	4I	5.00					Intense phyllic granodiorite crosscut by many thick, well mineralized quartz veins. Veins are often clay altered or gouged and host several sulphides, including pyrite, sphalerite, chalcopyrite, galena, and arsenopyrite.
									DK	BK	FR			CLY	3I						
			257.61	261.53	3.92	mKgW	GRD	MG	MD	GN	GO			PHC	3I	1.00		Cb	1.00		Moderate-intense phyllic with pervasive weak gouge and crosscutting quartz veins and carbonate/ankerite veinlets.
									LT	GY				CLY	2I						
262.64	265.77	3.13				mKgW	GRD	MG	MD	GN				PRO	4I						Moderate-intense propyllitic granodiorite with patchy argillic with potassic and phyllic vein envelopes. Crosscut by quartz and carbonate veinlets.
									LT	GY				PHC	2I						
														ARG	1I						
														POT	1I						
265.77	269.96	4.19				mKgW	GRD	MG	MD	GN				ARG	3I						Moderate-intense argillic alteration with patchy potassic and phyllic vein envelopes. Crosscut by mineralized quartz veins.
									LT	GY				POT	2I						
														PHC	3I						
269.96	277.73	7.77				mKgW	GRD	MG	MD	GN				PRO	4I						Moderate-intense propyllitic in granodiorite with phyllic vein envelopes around crosscutting quartz and carbonate veins.
									LT	GY				PHC	3I						
277.73	295.07	17.34				mKgW	GRD	MG	MD	GN				ARG	4I						Intense argillic alteration overprinted by phyllic vein envelopes and short patches of potassic. Crosscut by mineralized quartz and carbonate veins.
									LT	GY				PHC	2I						
														POT	2I						
295.07	299.33	4.26				mKgW	GRD	MG	MD	GN				PRO	3I						Moderate propyllitic with weak phyllic vein envelopes around crosscutting quartz carbonate veins.
									LT	GY				PHC	1I						
299.33	303.62	4.29				mKgW	GRD	MG	MD	GN	GO			ARG	4I						Intense argillic alteration overprinted by phyllic vein envelopes and short patches of potassic. Crosscut by mineralized quartz and carbonate veins. Weakly-moderately gouged.
									LT	GY				PHC	2I						
														POT	2I						
303.62	320.23	16.61				mKgW	GRD	MG	MD	GN				PRO	4I						Moderate-intense propyllitic altered granodiorite with patchy argillic and phyllic vein envelopes. Crosscut by quartz carbonate veins.
									LT	GY				PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
														ARG	4I						
			308.79	310.51	1.72	mKgW	GRD	FG	LT	BL		1I		ARG	5I						Intense blue montmorillonitic argillic alteration, with low competence.
										GY											
			316.08	317.15	1.07	mKgW	GRD	MG	LT	RD				ARG	3I			Ak	2.00		Mottled red-green argillic granodiorite. Red is due to potassic alteration and red hematite staining, while green comes from propyllitic epidote. Crosscut by ankerite veinlets.
									MD	GN				POT	2I			He	2.00		
														PRO	2I			Ep	10.00		
			318.13	319.32	1.19	mKgW	GRD	MG	MD	GN			2I	ARG	3I			Ak	1.00		Moderate argillic interval with patchy silicification, and crosscut by ankerite veinlets.
									LT	GY				PRO	1I						
320.23	340.31	20.08				mKgW	GRD	MG	MD	GN			2I	ARG	4I			Ca	1.00		Moderate argillic interval with patchy silicification, propyllitic and potassic alteration. Crosscut by mineralized quartz veins and calcite veinlets. Weakly gouged from 322.78-323.08m.
									LT	GY				PRO	2I			He	1.00		
														POT	2I						
			322.28	323.51	1.23	mKgW	GRD	MG	LT	GN	GO			ARG	4I						Strongly argillic granodiorite with weak gouge.
										GY											
			323.51	325.22	1.71	mKgW	GRD	MG	LT	GN				PRO	2I			Ca	5.00		Propyllitic overprinting argillic with a slickensided fracture from 323.93-324.33m crosscut by calcite and quartz veinlets.
									MD	GY				ARG	2I						
			327.15	327.54	0.39	mKgW	GRD	MG	LT	GN				ARG	3I			Ca	1.00		Argillic overprinted by weak potassic and phyllic, creating weakly mottled pink-green colouration. Crosscut by calcite and quartz veinlets.
									MD	PK				POT	2I						
														PHC	1I						
			329.16	330.74	1.58	mKgW	GRD	MG	LT	GN	RB			PRO	2I			Cb	1.00		Weak propyllitic granodiorite with 50% rubbly recovery. Crosscut by quartz and carbonate veinlets.
									MD	GY											
			330.74	333.59	2.85	mKgW	GRD	MG	MD	GN				ARG	3I						Argillic overprinted by weak propyllitic, with weak clay alteration on fractures. Moderate silicification and crosscutting mineralized quartz veins.
									LT	GY				PRO	2I						
														CLY	2I						
			336.61	337.24	0.63	mKgW	GRD	MG	MD	GN			2I	PRO	5I						Intense dark green propyllitic interval, crosscut by calcite veinlets and patchy silicification.
									DK	GY											
			338.36	340.31	1.95	mKgW	GRD	MG	MD	GN				PRO	3I			Ca	1.00		Moderate propyllitic overprinting argillic crosscut by calcite veinlets.
										GY				ARG	2I						EOH

KLAZA

Hole: DDH-KL-12-85 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
52.32		15 degree sharp undulatory contact between clay gouged and oxide stained phyllic-argillic granodiorite and quartz feldspar porphyry dyke.
54.19		15 degree sharp undulatory contact between black breccia dyke and phyllic-argillic granodiorite and quartz feldspar porphyry dyke. Blebby-massive pyrite is focused along this contact, with mossy carbonate. Tourmaline blebs are also focused in this zone.
60.48		Stepped 80 degree rough contact with granodiorite and quartz feldspar porphyry dyke. No dyke selvedge. Weak oxidation staining along crosscutting carbonate veinlets.
68.82		30 degree undulatory blended, brecciated, and clay altered contact between orange porphyry dyke and phyllic-propyllitic granodiorite.
83.08		70 degree stepped blended and clay gouged contact between granodiorite and quartz feldspar porphyry dyke. Heavily fractured with oxide staining.
99.59		50 degree sharp, irregular contact between clay altered and clay gouged quartz feldspar porphyry dyke and granodiorite. Thick vein zone in adjacent
206.86		Sharp 70 degree contact between granodiorite and porphyry dyke.
207.64		Mixed-gradational and brecciated 50 degree contact between porphyry dyke and granodiorite.
		EOH

KLAZA

Hole: DDH-KL-12-85 **Logger Name:** Teresa Cruz **Date:** July 12, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	10.92	11.11	90.00		3.00	Cb	100.00	Carbonate veins that are brown-orange stained by oxidation of surrounding granodiorite.	
VN	15.27	15.30	90.00			Py	3.00	Milky-white crustiform quartz vein with disseminated pyrite.	
VT	17.79	17.81	70.00			Py	8.00	White quartz veinlet with disseminated-blebby pyrite hosted in discontinuous veinlets on its outer edges.	
VT	19.18	19.20	80.00			Py	6.00	Smoky-white quartz veinlet with weak banding. Smoky quartz hosts blebby-disseminated pyrite.	
VT	22.72	22.90	80.00		2.00	Py	1.00	Grey quartz veinlet with 1.5cm thick envelopes of dark green chlorite and blebby tourmaline. Hosts disseminated pyrite.	
						To	20.00		
						Cl	10.00		
VT	24.64	24.71	70.00			Py	5.00	Whit-smoky quartz veinlet with central calcite veinlet, hosts disseminated pyrite.	
						Ca	20.00		
DY	26.13	26.16	45.00			Ep	3.00	Pink aplite dyke.	
VT	34.39	34.52	80.00			Py	20.00	Smoky-white banded quartz veinlet hosting discontinuous pyrite stringers.	
DY	34.56	34.58	60.00					Pink aplite dyke.	
VN	35.06	35.14	70.00			Py	3.00	8cm thick quartz vein: 4.5 cm of grey-smoky quartz with brecciated clasts of an adjacent carbonate vein and sphalerite blebs. Grey quartz has large vugs. Grey quartz shares a blended contact with a 2.5cm thick carbonate-white quartz vein with crustiform textures. Smoky quartz hosts disseminated pyrite.	x
DY	37.36	37.37	60.00					Pink aplite dyke, 7mm thick.	
VN	41.42	41.44	80.00			Py	7.00	Smoky-white thinly banded quartz vein with internal carbonate veinlets. Hosts disseminated pyrite and pyrite stringers.	
						Cb	2.00		
VT	43.10	43.16	70.00		2.00	Py	5.00	White massive quartz veinlets with blebby sphalerite and pyrite, carbonate-filled discontinuous microfractures line each border. Galena is weakly disseminated in nearby phyllic envelope.	
						Sp	2.00		
						Cb	3.00		
						Ga	1.00		
DY	50.39	50.41	45.00					Mafic dyke, approximately 2cm thick.	
GO	52.07	52.32	10.00					Long clay-gouged, but intact, contact zone between argillic and porphyry dyke. Dyke is light green-grey.	
VT	56.89	56.90	90.00			Sp	8.00	White massive quartz veinlet with sphalerite blebs at its centre, and discontinuous carbonate-filled microfractures at its borders.	
VT	58.71	58.72	75.00			Py	2.00	White-grey massive quartz veinlet with carbonate veinlet lining its edges, and hosting disseminated pyrite.	
GO	59.07	59.26	35.00					Clayey gouge in propyllitic granodiorite.	
VT	59.91	59.92	40.00			Py	3.00	White quartz veinlet hosting massive-blebby sphalerite and disseminated pyrite.	
						Sp	30.00		
VN	68.82	68.99	10.00			Py	2.00	White-milky clay altered quartz vein with parallel smoky quartz veinlets. Vein is folded-undulatory due to pressures at the dyke-granodiorite boundary.	
VN	70.95	71.01	45.00			Py	2.00	Vuggy milky quartz with parallel adjacent smoky quartz veinlets, with weak clay alteration. Hosts disseminated-blebby pyrite.	
VN	71.48	71.51	85.00			Py	10.00	Grey-translucent quartz vein with parallel pyrite stringers, discontinuous sphalerite veinlets, blebby galena, and disseminated arsenopyrite.	
						Sp	15.00		
						Ga	3.00		
						As	1.00		
VN	71.91	72.00	80.00			Py	5.00	Grey quartz vein with 3 parallel and discontinuous carbonate veinlets and blebby pyrite.	
						Cb	10.00		
VN	72.76	72.81	80.00			Py	8.00	White-smoky banded quartz veins with blebby-disseminated pyrite, blebby sphalerite, and blebby galena.	
						Sp	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Ga	3.00		
VN	73.37	73.40	60.00			Py	7.00	Grey quartz vein with many alternating bands of smoky quartz, creamy carbonate veinlets, and white quartz veinlets.	
						Cb	8.00		
VN	75.68	75.72	90.00			Py	8.00	4cm thick white quartz vein with central smoky quartz veinlet. Blebby-disseminated pyrite is hosted in or next to smoky quartz. Smoky quartz is vuggy, with some calcite infill.	
						Ca	5.00		
VT	78.78	79.23	0.00			Py	2.00	Grey-white quartz veinlet with crustiform texture near the borders. Hosts disseminated pyrite.	
VT	80.21	80.28	60.00			Py	10.00	Smoky-grey quartz veinlet with discontinuous parallel pyrite stringers.	
VN	80.80	80.82	90.00			Py	15.00	Smoky quartz vein with an-subhedral crystals of clear quartz. Hosts blebby pyrite and blebby sphalerite.	
						Sp	5.00		
VN	81.47	81.53	60.00			Py	1.00	Grey-smoky banded quartz vein approximately 5cm thick, crosscut by netted carbonate veinlets.	
						Cb	5.00		
GO	81.53	81.64	60.00			Py	3.00	Clay-gouged granodiorite with disseminated red hematite and pyrite.	
						He	1.00		
VN	81.64	81.66	40.00			Py	1.00	Grey quartz vein with creamy carbonate bordering veinlet. Hosts disseminated pyrite.	
GO	85.76	85.87	90.00					Gouged porphyry dyke.	
GO	87.62	87.69	80.00					Gouged porphyry dyke.	
GO	96.64	97.06	70.00					Gouged porphyry dyke.	
GO	99.52	99.75	60.00					Gouged porphyry dyke.	
GO	100.17	100.55	70.00			Py	4.00	Gouge containing the remains of several mineralized quartz veins.	
GO	100.94	101.89	70.00			Py	4.00	Gouge containing the remains of several mineralized quartz veins.	
VN	102.26	102.28	35.00			Py	8.00	Clay altered smoky quartz vein with disseminated pyrite, and total obliteration of the original texture.	
GO	101.89	102.74	60.00			Py	3.00	Gouge containing the remains of several mineralized quartz veins.	
VN	102.54	102.74	40.00			Py	10.00	5cm thick grey-translucent quartz vein with blebby-massive pyrite and blebby tourmaline.	
						To	2.00		
						Cp	4.00		
VN	102.74	102.86	60.00		2.00	Py	2.00	Grey, fractured quartz veins with disseminated pyrite at their borders and parallel smoky quartz veinlets hosting blebby-disseminated pyrite.	
GO	102.91	103.16	70.00					Gouge containing the remains of several mineralized quartz veins.	
GO	104.53	104.96	60.00			Py	4.00	Gouge containing the remains of several mineralized quartz veins.	
VN	104.60	104.72	60.00		2.00	Py	8.00	Moderate-intensely clay altered white-grey quartz veins with disseminated-blebby pyrite.	
VN	104.89	104.93	70.00			Py	5.00	Intensely clay altered smoky quartz vein with disseminated pyrite.	
GO	105.17	105.77	60.00			Py	5.00	Gouged vein zone with remained of several gouged mineralized quartz veins, hosting disseminated pyrite.	
VN	105.61	105.67	50.00			Py	10.00	Smoky quartz veins brecciated by vuggy milky-white quartz veins and veinlets. Disseminated-blebby pyrite distributed throughout.	
VN	105.79	105.81	70.00		2.00	Py	12.00	Clay altered smoky quartz vein with disseminated pyrite and destruction of all original textures.	
VN	105.86	105.94	90.00			Py	6.00	Smoky quartz veins with central milky quartz and pyrite veinlets. Hosts disseminated pyrite.	
VT	106.06	106.07	70.00			Py	4.00	Smoky quartz vein with internal parallel white quartz veinlets. Hosts disseminated pyrite and is weakly hematite stained.	
						He	1.00		
VN	106.21	106.33	90.00			Py	10.00	Vuggy-massive smoky quartz vein that brecciates white-milky quartz veins. Smoky quartz vein that brecciates white-milky quartz veins. Smoky quartz hosts disseminated-blebby pyrite and blebby arsenopyrite.	
						As	1.00		
VN	106.33	106.40	80.00			Py	10.00	Alternating bands of vuggy, weakly crustiform, milky and smoky quartz. Smoky quartz is weakly brecciated by milky quartz. Most pyrite is blebby-disseminated and hosted in smoky quartz. Vein is rubbly due to drilling.	
VN	106.43	106.46	90.00			Py	2.00	Smoky quartz vein brecciated by carbonate veinlets. Smoky quartz hosts disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Cb	40.00		
VN	106.56	106.64	70.00			Py	10.00	2.5cm thick quartz vein: 0.8cm smoky quartz with disseminated-blebby pyrite. 1.7cm whit quartz brecciated by pink-cream carbonate veinlets.	
						Cb	25.00		
VT	106.86	107.20	70.00		3.00	Py	2.00	Three carbonate veinlets with vugs and disseminated pyrite at their edges.	
						Cb	98.00		
GO	107.38	107.53	80.00			Py	3.00	Gouged vein zone with remained of several gouged mineralized quartz veins, hosting disseminated pyrite.	
VN	107.68	107.71	80.00			Py	6.00	White quartz vein with indistinct borders and three internal smoky quartz veinlets hosting disseminated-blebby pyrite.	
GO	107.75	108.05	60.00			Py	8.00	Gouged vein zone with remained of several gouged mineralized quartz veins, crosscut by two pyrite veins and hosting disseminated pyrite.	
GO	108.11	108.46	60.00			Py	5.00	Gouged vein zone with remained of several gouged mineralized quartz veins, hosting disseminated pyrite.	
VN	108.22	108.36	45.00		2.00	Py	10.00	Grey translucent quartz vein with crosscutting carbonate veinlets. Hosts disseminated-blebby pyrite.	
						Cb	6.00		
VT	108.36	108.42	60.00		2.00	Py	5.00	Crustiform white quartz veinlet with adjacent smoky quartz veinlets.	
GO	108.45	108.69	50.00			Py	8.00	Gouged vein zone with remained of several gouged mineralized quartz veins, hosting disseminated pyrite.	
VT	108.82	108.68	80.00		4.00	Py	15.00	Smoky-grey quartz veinlets with disseminated-blebby pyrite.	
VN	109.07	109.10	75.00			Py	10.00	Vuggy-crustiform milky quartz that snakes around larger (0.3cm) grey translucent quartz crystals. Hosts disseminated pyrite.	
VN	109.23	109.59	70.00			Py	20.00	Thick quartz vein with many textures. The first 15cm consist of mixed grey-smoky-milky quartz, also found in alternating bands. Crosscut by many fractures filled by white quartz. Hosts blebby-massive pyrite, blebby sphalerite, blebby galena, and disseminated-blebby arsenopyrite. Next 6cm are massive grey translucent. Quartz with weak brecciation by whit-milky quartz. Hosts blebby-massive pyrite, blebby sphalerite. Last 21cm consists of alternating, undulatory bands of grey-smoky-milky crustiform quartz. Vuggy grey quartz. Hosts blebby-massive pyrite, blebby sphalerite and blebby galena.	
						Sp	2.00		
						Ga	1.00		
						As	1.00		
						Cp	1.00		
VT	109.92	110.78	75.00		4.00	Py	5.00	Milky quartz veinlets with borders of dark green chlorite, approximately 8mm thick. Hosts	
VT	111.43	111.46	60.00		2.00	Py	3.00	White quartz veinlets with dark green chlorite borders and discontinuous carbonate-filled microfractures. Hosts disseminated pyrite.	
VT	112.29	112.31	80.00		2.00	Py	5.00	White-grey quartz veinlets with disseminated-blebby pyrite and disseminated-blebby chalcopyrite.	
						Cp	1.00		
VN	114.03	114.11	90.00			Py	15.00	White-grey translucent quartz vein with parallel internal smoky quartz veinlets. Very weakly clay altered and hosts disseminated-blebby pyrite.	
VN	114.97	115.01	90.00					White-milky quartz vein that brecciates host granodiorite.	
VN	115.05	115.08	80.00			Py	6.00	Grey translucent quartz vein with central smoky-milky quartz veinlet. Hosts blebby pyrite, blebby sphalerite.	
						Sp	4.00		
VN	117.23	117.26	90.00			Py	8.00	White quartz vein with blurred edges, hosting discontinuous pyrite veinlets and disseminated sphalerite.	
						Sp	2.00		
GO	122.97	123.07	70.00			Py	3.00	Gouged vein zone hosting disseminated pyrite.	
VT	123.25	123.60	80.00		3.00	Py	5.00	Smoky quartz veinlets with disseminated pyrite.	
VT	124.50	124.51	70.00			Py	15.00	White quartz veinlet with blebby pyrite.	
VT	125.60	125.90	90.00		2.00	Py	2.00	White-smoky quartz veinlet with disseminated pyrite.	
VT	132.42	134.58	70.00		3.00			Crustiform ankerite veinlets.	
VN	132.77	132.89	90.00			Cb	45.00	Muddled white quartz-carbonate vein with vugs and smoky quartz veinlets. White quartz is weakly crustiform.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	137.03	137.04	80.00			Py	10.00	White quartz veinlet with blebby pyrite, blebby sphalerite, and blebby galena.	
						Sp	15.00		
						Ga	3.00		
VT	139.26	139.27	60.00			Py	3.00	Discontinuous smoky quartz veinlet with parallel discontinuous carbonate veinlets and disseminated pyrite.	
GO	140.10	140.12	70.00			Py	1.00	Clay gouged phyllic granodiorite with mineralized quartz vein remnants. Hosts disseminated pyrite.	
VN	140.13	143.23	30.00			Py	1.00	Grey translucent quartz vein with discontinuous parallel smoky quartz veinlet. Smoky quartz hosts disseminated pyrite. Weak hematite throughout.	
						He	1.00		
VT	140.21	140.22	70.00			Py	20.00	Grey quartz veinlet approximately 1mm thick hosting blebby-massive pyrite and arsenopyrite at its centre.	
						As	10.00		
VN	141.00	141.48	10.00			Py	3.00	Grey quartz vein with central blebs of milky quartz with weak hematite staining and disseminated-blebby pyrite.	
						He	1.00		
VT	141.14	141.31	90.00		3.00	Py	3.00	Vuggy white crustiform quartz veinlet with disseminated pyrite and sphalerite and carbonated along veinlet edges.	
						Sp	1.00		
						Cb	8.00		
VT	142.34	142.47	30.00			Py	8.00	Smoky-clear quartz veinlet hosting disseminated pyrite cubes	
VT	142.50	142.52	50.00			Py	10.00	White-smoky quartz vein with weak brecciation of smoky quartz by carbonate. Smoky quartz hosts blebby-massive pyrite and sphalerite, blebby galena, and blebby arsenopyrite.	
						Sp	15.00		
						Ga	2.00		
						As	2.00		
						Cb	5.00		
VT	142.99	143.44	60.00		5.00	Py	30.00	Five 2mm thick smoky-milky quartz veinlets hosting blebby pyrite, blebby sphalerite, blebby galena, and blebby-disseminated arsenopyrite.	
						Sp	10.00		
						Ga	3.00		
						As	3.00		
VN	143.57	143.60	30.00			Py	25.00	1cm thick grey-translucent quartz vein hosting blebby-disseminated pyrite, blebby galena, and blebby arsenopyrite.	
						Ga	2.00		
						As	5.00		
VT	143.59	143.61	80.00			Py	1.00	Vuggy-crustiform white-creamy quartz veinlet with disseminated-blebby pyrite.	
VN	143.91	143.93	90.00			Py	10.00	0.7cm of chalcedony and 0.3cm of white vuggy-crustiform quartz, and white quartz weakly mixed with creamy carbonate (0.5cm). Blebby galena is hosted at the edges of the vein, and blebby-disseminated pyrite is hosted throughout.	
						Ch	30.00		
						Ga	25.00		
						Cb	20.00		
VT	144.13	145.08	70.00		4.00	Py	10.00	Grey quartz and chalcedony with vugs hosting blebby pyrite and blebby galena.	
						Ga	5.00		
VN	144.87	144.39	850.00			Py	10.00	White-milky comb quartz vein with weak carbonate veinlet brecciating the uphole edge. Hosts disseminated-blebby in discontinuous stringers and blebby sphalerite.	
						Sp	3.00		
VT	146.13	146.21	80.00		2.00	Py	3.00	White massive quartz veinlets hosting disseminated pyrite and carbonated veinlets at their edges.	
						Cb	10.00		
VT	146.51	146.52	70.00			Py	1.00	Creamy-grey quartz veinlet with disseminated pyrite.	
VT	146.74	147.43	75.00		6.00	Py	1.00	White-milky banded quartz hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	147.95	148.02	65.00			Py	15.00	Grey massive quartz with white-milky vuggy quartz. Cut by parallel pyrite stringers and carbonate veinlets. Hosts blebby-massive pyrite.	
						Cb	8.00		
VN	148.11	148.13	75.00			Py	5.00	White massive quartz vein hosting blebby-disseminated pyrite and sphalerite, disseminated galena, and blebby-disseminated arsenopyrite.	
						As	1.00		
						Ga	1.00		
						Sp	2.00		
VN	148.58	148.61	40.00			Py	3.00	Netted off-white quartz vein with disseminated pyrite and hematite, resulting in weak red hematite staining.	
						He	2.00		
VN	149.55	149.59	80.00			Py	5.00	Creamy-white banded quartz vein brecciated by a smoky quartz vein. Hosts disseminated pyrite. Shards of white quartz hosted in smoky quartz.	
VT	151.10	151.37	50.00		4.00	Py	2.00	White massive quartz veinlets hosting disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	151.53	151.56	90.00			Py	1.00	White vuggy-massive quartz vein brecciated by smoky quartz vein. Hosts disseminated pyrite. Rubbly recovery.	
VT	151.65	151.72	70.00			Py	3.00	White quartz veinlet with parallel discontinuous carbonated veinlets on its borders, hosting disseminated pyrite.	
VT	152.76	152.77	60.00			Py	5.00	Grey massive quartz veinlet with disseminated pyrite concentrated at its borders.	
GO	152.94	153.03	70.00			Py	1.00	Gouged granodiorite hosting disseminated pyrite.	
GO	154.43	154.77	90.00			Py	1.00	Gouged granodiorite hosting disseminated pyrite.	
VN	154.95	154.98	70.00			Py	10.00	White massive quartz vein hosting blebby pyrite and blebby sphalerite.	
						Sp	8.00		
VT	155.13	155.20	50.00			Py	2.00	Sphalerite stringers hosting disseminated pyrite.	
GO	155.42	155.48	30.00			Py	1.00	Gouged granodiorite hosting disseminated pyrite.	
						To	1.00		
VT	155.69	155.84	80.00		2.00	Py	5.00	White-grey quartz veinlets hosting disseminated pyrite, sphalerite, and blebby tourmaline. Weakly bordered by carbonated veinlets.	
						Sp	3.00		
						To	6.00		
GO	156.61	153.82	30.00			Py	1.00	Gouged granodiorite hosting disseminated pyrite.	
VT	157.00	157.11	65.00		4.00	Cb	3.00	White, weakly clay altered quartz veinlets with weak carbonate borders.	
VN	158.21	158.24	90.00			Py	15.00	White-grey quartz vein cut by parallel pyrite veinlets, sphalerite veinlets, and offset by 2cm along a sinistral microfault.	
						Sp	10.00		
						Ga	2.00		
						As	1.00		
GO	159.65	159.98	70.00			Py	1.00	Gouged granodiorite hosting disseminated pyrite.	
VN	160.57	160.63	60.00			Py	10.00	White massive quartz vein hosting blebby-massive pyrite, blebby galena, blebby sphalerite, and disseminated arsenopyrite.	
						Ga	5.00		
						Sp	5.00		
						As	1.00		
GO	161.14	161.27	70.00			Py	1.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
VN	163.40	163.67	50.00		3.00	Py	7.00	Discontinuous, randomly oriented white quartz veins, crosscut by carbonate veinlets. Weakly clay altered and hosts blebby-disseminated pyrite and blebby sphalerite.	
						Sp	10.00		
						Cb	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	164.12	164.17	90.00			Py	1.00	Pink crustiform calcite vein that splits around more resistant quartz crystals in the granodiorite. Hosts Disseminated pyrite.	
GO	164.20	164.41	90.00			Py	1.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
GO	167.15	167.16	60.00			Py	1.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
VN	168.13	168.15	70.00					Epidote veinlet with crackled texture.	
GO	168.84	168.84	80.00			Py	1.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
VT	169.52	169.53	70.00			Py	30.00	Grey translucent quartz veinlet hosting disseminated pyrite and blebby galena.	
						Cp	10.00		
GO	170.95	171.31	45.00		3.00	Py	2.00	Three gouged white quartz veinlets hosting disseminated pyrite and disseminated tourmaline. Crosscut by discontinuous carbonate veinlets.	
						Ga	1.00		
GO	171.67	171.72	60.00			Py	1.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
VN	171.97	171.32	90.00			Py	3.00	White vuggy massive quartz hosting disseminated pyrite and disseminated tourmaline. Crosscut by discontinuous carbonate veinlets.	
						To	4.00		
GO	172.48	172.51	35.00			Py	3.00	Weak-moderately gouged granodiorite with disseminated pyrite.	
						To	1.00		
GO	173.67	174.45	30.00			Py	3.00	Weak-moderately gouged granodiorite with disseminated pyrite, crosscut by mineralized quartz veins that are still competent.	
VN	173.95	173.98	90.00			Py	15.00	Weakly gouged smoky quartz vein hosting disseminated-blebby pyrite.	
VN	174.45	174.50	80.00			Py	20.00	Vuggy grey-smoky quartz vein that is weakly gouged. Hosts blebby-massive pyrite and aphanitic, clay altered pyrite stringers.	
VN	175.50	176.29	20.00					1.5cm thick grey translucent massive quartz vein with weak oxide staining.	
VN	176.41	176.43	60.00			Py	8.00	White-smoky quartz in alternating bands, hosting disseminated-blebby pyrite.	
VT	177.86	177.87	60.00			Py	3.00	Smoky quartz veinlet with central white quartz veinlet. Hosts disseminated pyrite.	
VN	178.37	178.60	40.00		2.00	He	2.00	White massive quartz veins hosting disseminated red hematite.	
VT	179.02	179.03	70.00			Py	1.00	Chlorite veinlet with disseminated pyrite at borders.	
VN	180.41	180.43	45.00			He	1.00	White massive quartz veins hosting disseminated red hematite.	
VN	180.58	180.60	80.00			Py	10.00	Grey-smoky massive quartz vein with central calcite veinlet. Hosts blebby pyrite, blebby sphalerite, and blebby-disseminated arsenopyrite.	
						As	3.00		
						Sp	5.00		
						Ca	20.00		
VT	181.42	181.43	70.00			Py	1.00	White-milky weakly comb quartz veinlet with disseminated pyrite at its edges.	
VT	182.30	182.31	50.00			Py	2.00	Smoky quartz veinlet with indistinct, blended edges. Hosts disseminated pyrite and disseminated hematite with red staining.	
						He	1.00		
VT	184.46	184.61	30.00		2.00	Py	5.00	Smoky quartz veinlets with blebby-disseminated pyrite and calcite inclusions approximately 0.1cm wide.	
VN	184.83	184.85	60.00			Py	3.00	Indistinct white quartz vein hosting disseminated pyrite and disseminated blackjack sphalerite.	
						Sp	2.00		
VN	185.65	185.70	20.00			Py	2.00	Smoky-grey massive-crackled quartz vein with ankerite borders and thin crosscutting ankerite veinlets. Smoky quartz is stained by and hosts blebby-massive red hematite.	
						He	10.00		
						Ak	10.00		
VT	185.84	186.30	40.00		6.00	Py	1.00	Grey translucent massive quartz veinlets hosting disseminated pyrite.	
						He	8.00		
VN	186.79	186.82	90.00			Py	3.00	White-milky crustiform quartz vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	187.61	187.64	90.00			Ca	20.00	White-creamy Quartz carbonate vein with crustiform textures.	
VN	189.44	189.46	90.00			Py	1.00	White massive quartz vein with indistinct borders, partially defined by discontinuous carbonated-filled veinlets. Hosts disseminated pyrite.	
VN	190.17	190.20	90.00			Py	10.00	White quartz vein hosting disseminated pyrite. Discontinuous carbonate-filled microfractures line the borders.	
						Cb	6.00		
VN	191.32	191.36	45.00			Ca	10.00	White-grey vuggy quartz vein with calcite crystals lining the vugs.	
VN	192.59	192.64	70.00			Py	30.00	Smoky-grey quartz in alternating bands. Hosts blebby-disseminated pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	192.86	193.08	90.00			Py	15.00	Thick quartz vein with varying textures. Mostly smoky-grey quartz that includes brecciated clasts of phyllic granodiorite. 3cm zone where calcite has intruded and hosts 0.3-1.0cm smoky quartz clasts in grain contact in a calcite matrix.	x
						Ca	20.00		
VT	193.29	193.31	90.00			Py	1.00	Chalcedony vein with calcite inclusions. 1mm dark smoky quartz veinlet at borders hosting disseminated pyrite.	
						Ca	25.00		
VT	193.36	193.38	75.00			Py	15.00	White massive quartz vein with indistinct borders, hosting blebby-massive pyrite with neighbouring galena veinlet.	
						Ga	5.00		
VN	195.62	195.68	80.00			Py	8.00	White-milky massive quartz vein with galena veinlet borders. Hosts disseminated pyrite and blebby sphalerite.	
						Ga	10.00		
						Sp	2.00		
GO	195.61	196.16	35.00			Py	1.00	Gouged granodiorite with crosscutting veins. Hosts disseminated pyrite.	
GO	196.63	197.74	45.00			Py	2.00	Gouged granodiorite with crosscutting veins. Hosts disseminated pyrite.	
						He	1.00		
VN	197.96	197.99	90.00			Py	3.00	Milky-white massive quartz vein with borders of blebby galena and blebby sphalerite with blebby-disseminated pyrite and blebby arsenopyrite. Galena and sphalerite are occasionally euhedral cubic crystals.	
						Ga	10.00		
						Sp	10.00		
						As	3.00		
GO	198.45	199.07	70.00			Py	1.00	Gouged granodiorite with crosscutting veins. Hosts disseminated pyrite.	
VT	199.07	199.64	60.00			Py	1.00	White massive quartz veinlets hosting weakly disseminated pyrite.	
VT	200.55	200.61	90.00		3.00	Py	15.00	Grey translucent quartz veinlet with central discontinuous pyrite stringers.	
VN	200.89	200.91	45.00					Calcite vein	
VT	200.99	201.00	90.00			Py	30.00	Grey quartz veinlet with discontinuous pyrite stringers and blebby sphalerite hosted at its centre.	
						Sp	5.00		
VT	202.16	202.18	90.00			Py	5.00	White massive quartz veinlet hosting blebby aphanitic pyrite.	
VT	202.40	202.80	80.00		3.00			Cream-white massive calcite veinlets.	
VN	202.54	202.58	70.00			Py	1.00	Smoky-grey translucent quartz vein that brecciates phyllic granodiorite. Hosts weakly disseminated pyrite.	
VN	204.70	204.81	90.00			Py	20.00	Thick quartz vein. 8cm white massive-comb quartz with thick massive-blebby pyrite veins on both sides. 7cm of smoky vuggy quartz with 3cm central white-milky vuggy-crustiform quartz veins. Hosts blebby-massive pyrite, blebby sphalerite, and blebby arsenopyrite.	x
						Sp	5.00		
						As	1.00		
VT	205.00	206.09	90.00		5.00	Py	10.00	five white-grey thinly banded quartz veinlets hosting disseminated-blebby pyrite.	
VN	205.05	205.07	70.00			Py	6.00	Weakly clay altered smoky quartz vein hosting disseminated-blebby pyrite.	
VN	206.80	206.86	80.00			Py	1.00	Dyke selvedge: 6cm thick smoky quartz veins hosting disseminated pyrite and fragments of clay altered quartz feldspar porphyry dyke.	
VN	207.64	207.94	70.00			Py	8.00	Dyke selvedge: densely packed vuggy smoky quartz veins hosting aphanitic massive pyrite, blebby-massive pyrite, blebby-massive galena, blebby sphalerite, and disseminated arsenopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Ga	5.00		
						Sp	5.00		
						As	1.00		
VN	208.32	208.36	90.00			Py	15.00	White-grey massive quartz vein bordered by white-milky quartz veinlets. Grey quartz hosts parallel discontinuous pyrite veinlets and blebby-disseminated pyrite.	
VT	209.25	209.28	25.00			Py	5.00	White, poorly delineated quartz vein hosting central blebby-disseminated pyrite, blebby sphalerite, and blebby galena.	
						Sp	4.00		
						Ga	2.00		
VT	210.67	210.68	80.00			Py	1.00	Creamy crustiform quartz carbonate veinlet, hosting disseminated pyrite and sphalerite.	
						Sp	1.00		
						Cb	10.00		
VN	210.83	210.86	80.00			Py	10.00	Smoky-white alternating thin bands of quartz in 3cm vein. Large calcite inclusions. Hosts disseminated-blebby pyrite.	
VT	210.94	210.96	45.00			Py	3.00	White massive quartz veinlet with central blebs of pyrite and hematite.	
						He	4.00		
VN	216.57	216.60	90.00			Py	8.00	White crackled-massive quartz vein with fine carbonate veinlets. Hosts disseminated-blebby pyrite.	
						Cb	15.00		
VT	217.09	217.12	40.00			Py	1.00	Grey-translucent massive quartz vein with dark green chlorite uphole border and blebby pyrite.	
VT	218.25	218.27	60.00			Py	3.00	White massive quartz vein with disseminated pyrite and 4mm thick dark green chlorite borders.	
VN	218.73	218.75	70.00			Py	3.00	White massive quartz vein with creamy chalcedony inclusions. Hosts disseminated-blebby pyrite.	
						Ch	15.00		
VN	222.23	222.25	90.00			Py	2.00	White-grey weakly crustiform quartz veinlets with disseminated pyrite.	
VT	223.38	223.64	75.00		3.00	Py	1.00	White-grey translucent quartz veinlets with disseminated pyrite.	
VN	224.81	224.83	90.00			Py	3.00	White calcite and quartz vein that is vuggy and indistinct, hosting disseminated pyrite.	
						Ca	30.00		
VN	225.16	225.16	90.00			Py	2.00	White massive quartz vein with crosscutting carbonate veinlets. Hosts disseminated pyrite.	
						Cb	10.00		
VN	226.77	226.79	70.00			Py	5.00	White massive quartz vein with crosscutting carbonate veinlets. Hosts disseminated pyrite.	
						Cb	15.00		
VT	227.97	227.98	90.00			Py	3.00	White translucent massive-comb quartz hosting blebby pyrite, and bordered by carbonate veinlets.	
						Cb	10.00		
VT	228.82	229.01	45.00			Py	1.00	Grey translucent quartz vein with dark green chlorite 1.5cm envelope. Hosts weakly disseminated pyrite.	
VT	230.25	230.26	60.00			Py	1.00	White-grey massive quartz veinlet with thin concentrations of epidote along its borders. Hosts weakly disseminated pyrite.	
						Ep	4.00		
VT	231.12	231.14	30.00			Py	2.00	White massive quartz vein hosting blebby sphalerite and disseminated pyrite.	
						Sp	1.00		
VN	231.48	231.61	70.00			Py	2.00	White massive quartz vein hosting disseminated pyrite with creamy discontinuous carbonate veinlets along its borders.	
						Cb	15.00		
VT	231.81	231.83	50.00			Py	2.00	White translucent crystalline quartz veinlet. Crystals interlock with well-defined boundaries. Dark green chlorite borders. Hosts disseminated-blebby pyrite.	
VN	233.84	233.87	90.00			Py	5.00	1.5cm thick off-white calcite vein bordered by grey translucent quartz veinlets. Quartz hosts blebby-disseminated pyrite, and blebby chalcopyrite.	
						Cp	4.00		
VN	233.98	234.02	70.00		2.00	Py	10.00	White massive quartz veins hosting blebby chalcopyrite and disseminated-blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Cb	5.00		
VT	234.25	234.26	35.00			Py	1.00	White-grey massive quartz veinlets with indistinct borders, line by discontinuous carbonate-filled microfractures.	
VN	234.75	234.87	60.00		2.00	Py	1.00	Creamy, weakly clay altered quartz veinlet hosting disseminated pyrite.	
						Cb	3.00		
VN	235.82	236.01	90.00		2.00	Py	25.00	Two (4cm and 1.5cm) white massive-comb quartz veins, bordered by 1-2mm creamy ankerite veinlets. Hosts massive-blebby pyrite, and arsenopyrite weakly disseminated within massive pyrite.	
						Ak	8.00		
						As	1.00		
VN	236.90	236.93	45.00			Py	1.00	White-grey translucent quartz vein with indistinct bands. Hosts disseminated pyrite.	
VN	237.77	237.83	85.00		2.00	Py	10.00	White massive quartz veins sharing ankerite veinlets and blebs on all borders.	
						Ak	20.00		
VN	241.91	241.93	45.00			Py	1.00	Clay altered white-grey quartz veinlet, hosting disseminated pyrite. Original textures are obliterated.	
GO	242.25	242.36	50.00			Py	2.00	Weakly-moderately clay altered and gouged phyllic granodiorite, with a single mineralized quartz vein.	
VN	243.62	243.66	40.00			Py	2.00	Whit-grey massive quartz vein hosting central smoky quartz veinlet. Hosts disseminated pyrite.	
VT	243.75	244.07	75.00		3.00	Py	1.00	White massive quartz veinlets with disseminated pyrite and weakly disseminated arsenopyrite. Bordered by very dark green chlorite-rich zones.	
						As	1.00		
VT	244.53	244.57	45.00		2.00	Py	2.00	Massive quartz veinlets with weakly disseminated pyrite.	
VN	245.56	245.62	90.00		2.00	Py	8.00	Thick grey massive quartz vein crosscut by netted creamy quartz-carbonate and ankerite veinlets. Hosts blebby-massive pyrite and blebby sphalerite.	
						Sp	2.00		
						Cb	5.00		
						Ak	5.00		
VN	245.99	246.02	90.00			Py	3.00	Grey-massive quartz vein bordered by netted quartz-carbonate and ankerite veinlets. Hosts blebby-massive pyrite and blebby sphalerite.	x
						Ak	30.00		
VN	246.09	246.12	80.00			Py	4.00	Smoky-grey vuggy quartz vein hosting disseminated pyrite.	x
VN	246.14	246.16	80.00			Py	8.00	1.5cm grey massive quartz vein next to 1.0cm white vuggy chalcedony vein. Grey quartz hosts disseminated-blebby pyrite and sphalerite veinlet.	
						Sp	10.00		
						Ch	20.00		
VN	246.28	246.30	70.00			Py	5.00	Grey massive quartz vein with parallel ankerite veinlet. Hosts blebby pyrite.	
						Ak	40.00		
VT	247.83	247.84	80.00			Py	5.00	Grey translucent massive quartz veinlet with disseminated pyrite and disseminated arsenopyrite.	
						As	1.00		
GO	247.92	248.18	10.00					Weakly gouged and clay altered phyllic granodiorite.	
VN	248.62	248.64	50.00			Ca	5.00		
GO	248.85	249.05	45.00			Py	1.00	Weakly gouged and clay altered phyllic granodiorite, hosting weakly disseminated pyrite.	
VN	249.78	249.80	80.00			Ca	10.00	Cream-white-grey vuggy-comb quartz vein, with vugs filled by calcite or grey translucent quartz.	
VT	250.03	250.75	90.00		4.00	Py	1.00	Cream comb-crustiform veinlets with disseminated pyrite.	
VN	250.06	250.09	80.00			Py	6.00	White quartz vein with grey quartz veinlet borders, hosting central blebs of pyrite and chalcopyrite.	
						Cp	3.00		
GO	250.25	250.31	60.00			Py	1.00	Weakly gouged and clay altered phyllic granodiorite, hosting weakly disseminated pyrite.	
VT	250.77	250.83	80.00		2.00	Py	5.00	Grey translucent quartz veinlets hosting blebby pyrite and sphalerite at their centres, and an ankerite veinlet.	
						Sp	1.00		
						Ak	6.00		
GO	250.71	251.88	50.00			Py	1.00	Weakly gouged and clay altered phyllic granodiorite, hosting weakly disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	252.00	252.05	60.00		3.00	Ca	15.00	Pink-white chalcedony veinlets with central vugs filled by calcite.	
VN	252.38	252.47	30.00			Py	6.00	White massive quartz vein hosting blebby pyrite, blebby chalcopyrite, and interstitial ankerite.	
						Cp	2.00		
						Ak	6.00		
VN	252.52	252.56	60.00			Ca	5.00	White-off white vuggy quartz vein with calcite-lined vugs.	
VN	252.67	252.70	70.00			Py	3.00	White-creamy crustiform-comb quartz vein, slightly offset due to gouge. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
GO	252.74	252.81	60.00			Py	3.00	Gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	
VN	252.75	252.70	60.00			Py	5.00	Smoky massive quartz vein hosting disseminated pyrite, weakly-moderately clay altered due to gouge.	
VN	252.94	253.05	45.00			Py	8.00	Smoky quartz vein that is slightly banded and mixed with phyllic granodiorite. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
GO	253.37	255.00	45.00			Py	3.00	Gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	
VN	253.47	253.50	50.00			Py	4.00	Clay altered smoky quartz vein with disseminated pyrite.	
VN	253.76	254.18	70.00		2.00	Py	8.00	Rubbly fragments of two thick smoky crackled quartz veins hosting blebby-disseminated pyrite.	
VN	254.39	254.43	75.00			Py	5.00	Clay altered and weakly gouged smoky quartz vein hosting disseminated pyrite.	
VN	254.60	254.74	70.00			Py	4.00	White-grey quartz vein that is weakly gouged, and hosts disseminated pyrite.	
VN	254.96	255.03	80.00			Py	5.00	Smoky quartz vein in gouge/rubble, hosting finely disseminated pyrite.	
VN	255.12	255.45	80.00			Py	12.00	Smoky-grey-white quartz vein in twisting, alternating bands of colour. Hosts disseminated-blebby-massive pyrite and blebby chalcopyrite.	x
						Cp	6.00		
VN	255.49	255.77	50.00			Py	10.00	Thick quartz vein, or several closely spaced quartz veins. Generally white-grey quartz crosscut by randomly oriented smoky quartz veins/veinlets. Weakly clay altered along a few whit quartz-carbonate veinlets hosts disseminated-massive pyrite, blebby chalcopyrite, and disseminated arsenopyrite.	
						Cp	5.00		
						Cb	3.00		
						As	1.00		
GO	255.89	256.02	70.00			Py	3.00	Gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	
VT	256.02	256.57	60.00		8.00	Py	8.00	Smoky quartz veinlets, with weak clay alteration, hosting blebby-disseminated pyrite, blebby chalcopyrite, and disseminated arsenopyrite.	
VN	256.57	256.84	80.00		6.00	Py	20.00	Smoky quartz veins and veinlets that wind through phyllic granodiorite. Hosts blebby pyrite and blebby chalcopyrite.	
						Cp	1.00		
VN	256.91	257.12	80.00			Py	10.00	Thick smoky quartz vein with minor brecciation of host granodiorite. Smoky quartz hosts disseminated-blebby pyrite.	
VN	257.31	257.37	60.00			Py	30.00	Thick quartz vein, mostly smoky quartz, with some milky quartz in the downhole half. Hosts blebby-massive pyrite.	x
VN	257.59	257.62	90.00			Py	10.00	White quartz vein with smoky quartz veinlet hosting blebby-disseminated pyrite and chalcopyrite.	
						Cp	5.00		
VN	258.04	258.23	10.00			Py	8.00	Smoky-grey quartz vein with ankerite veinlet border, hosting disseminated pyrite.	
						Ak	10.00		
GO	258.24	258.49	50.00			Py	3.00	Gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	
GO	258.59	259.12	70.00		4.00	Py	2.00	Four 3cm intervals of gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	
GO	259.20	259.45	20.00					Gouged, clay altered phyllic granodiorite.	
GO	259.63	259.82	40.00					Gouged, clay altered phyllic granodiorite.	
GO	260.19	260.32	70.00					Gouged, clay altered phyllic granodiorite.	
GO	260.45	262.26	50.00			Py	1.00	Gouged, clay altered phyllic granodiorite hosting mineralized quartz veins and disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	261.53	262.61	90.00			Py	1.00	White crustiform-comb quartz-carbonate vein, including pink chalcedony. Blebby sphalerite, blebby galena, disseminated pyrite, and disseminated arsenopyrite are primarily at vein edges.	
						Sp	5.00		
						Ga	3.00		
						As	5.00		
						Ch	1.00		
						Ca	20.00		
VT	263.13	264.62	90.00		5.00	Ak	10.00	White-grey quartz veinlets with parallel borders of discontinuous ankerite veinlets.	
VT	266.66	268.00	90.00		11.00	Cb	5.00		
VN	269.09	269.11	90.00			Py	1.00	White-milky quartz vein with smoky quartz veinlets and adjacent calcite vein. Hosts disseminated pyrite.	
						Ca	20.00		
VN	269.23	269.31	90.00			Py	8.00	White-grey quartz vein hosting blebby-massive pyrite and blebby sphalerite, adjacent to calcite and ankerite veinlets.	
						Sp	6.00		
						Ca	10.00		
						Ak	6.00		
VT	270.39	272.12	70.00		6.00			White translucent-milky quartz veinlets.	
VN	273.75	273.82	90.00			Py	12.00	Alternating bands of creamy-grey-smoky quartz with minor perpendicular fracturing. Hosts blebby-massive pyrite, blebby sphalerite, sphalerite stringers, and disseminated arsenopyrite next to pyrite.	
						Sp	6.00		
						As	2.00		
VT	277.23	277.55	70.00			Py	1.00	White massive quartz veinlets with discontinuous carbonate-filled microfractures hosting disseminated pyrite.	
						Cb	6.00		
VN	278.12	278.15	80.00		5.00	Py	1.00	Whit massive quartz vein with milky quartz eyes, hosting central blebs of ankerite, stained purple by hematite, with disseminated pyrite within.	
						He	1.00		
						Ak	2.00		
VT	278.70	279.04	80.00			Py	5.00	Grey quartz veinlet with discontinuous carbonate-filled microfractures and blebby sphalerite and disseminated pyrite.	
						Sp	2.00		
						Cb	1.00		
GO	279.53	279.58	80.00					Gouged phyllic granodiorite.	
GO	280.18	281.62	60.00					Gouged phyllic granodiorite.	
VT	284.36	284.49	90.00		2.00	Py	1.00	White-grey quartz veinlet hosting disseminated pyrite.	
VN	285.85	285.86	90.00			Py	1.00	Milky-ink massive quartz vein with grey quartz veinlets on its borders. Hosts disseminated pyrite.	
VN	287.02	287.05	90.00			Py	4.00	Grey-smoky quartz vein with ankerite veins, and hosts disseminated-blebby pyrite, blebby sphalerite, and disseminated sericite.	
						Sp	1.00		
						Se	1.00		
						Ak	35.00		
VN	288.27	288.32	80.00		5.00	Py	25.00	Five closely spaced white-milky quartz veins hosting blebby-massive pyrite at their centres.	
VN	290.49	290.58	90.00			Py	40.00	Smoky-grey quartz with white vuggy quartz in alternating bands. Smoky-grey quartz hosts blebby-massive pyrite.	x
VT	291.83	291.57	30.00		7.00	Py	2.00	White massive quartz veinlets with disseminated pyrite.	
VN	292.62	292.70	60.00			Py	2.00	Smoky quartz vein with gouged uphole boundary. Hosts disseminated pyrite. Rubbly recovery.	
VN	293.13	293.69	70.00		2.00	Py	1.00	grey-smoky massive quartz veins with rubbly recovery, weak gouge on uphole boundary of first vein. Hosts disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	293.96	294.02	90.00			Py	15.00	6cm quartz vein with smoky banded veinlet (0.4cm), grey quartz veinlet (0.6cm), milky with euhedral clear quartz crystals (1.6cm), and 1.8cm grey quartz. Grey-smoky quartz hosts blebby-massive pyrite.	
VT	296.55	296.56	70.00			Py	8.00	Grey quartz vein with central calcite veinlet. Hosts disseminated-blebby pyrite.	
						Ca	25.00		
VN	299.54	300.20	80.00			Ca	3.00	White-grey quartz-calcite vein.	
VN	300.17	301.36	45.00			Py	1.00	Grey-white quartz vein with disseminated ankerite and disseminated pyrite.	
						Ak	15.00		
VN	301.30	301.84	45.00			Py	1.00	White-cream quartz vein with discontinuous grey quartz veinlet inside.	
GO	301.36	302.21	60.00			Py	1.00	Weakly-moderately gouged argillic with pink potassic overprint.	
VN	302.13	302.21	80.00			Py	10.00	Weakly clay altered smoky quartz veinlets that crosscut each other. Hosts disseminated-blebby pyrite.	
VN	302.69	302.77	90.00			Qz	40.00	5cm vein of fine-grained massive pyrite, next to 4cm grey quartz vein hosting blebby-massive pyrite.	
VT	303.05	303.21	70.00		4.00	Py	1.00	Grey-white quartz veinlets with discontinuous carbonate filled microfractures and disseminated pyrite.	
						Cb	8.00		
VN	304.69	304.71	50.00			Py	4.00	Whit crackled quartz vein with central undulating smoky quartz veinlet. Hosts disseminated pyrite and sphalerite.	
						Sp	2.00		
VN	305.28	305.30	90.00			Py	1.00	White-milky quartz vein with disseminated pyrite and hematite, with weak hematite staining.	
						He	1.00		
VN	306.32	306.34	90.00			Ca	10.00	White quartz-calcite vein with uphole border of creamy chalcedony.	
						Ch	7.00		
VT	308.70	308.71	50.00					Calcite veinlet.	
VT	310.93	311.08	60.00					Dark green chlorite veinlet.	
VN	314.65	314.67	45.00			Ak	25.00	Massive calcite vein bordered by creamy ankerite veinlets (1.5mm wide)	
VN	316.85	316.87	90.00			Ak	15.00	White massive quartz vein bordered by 2mm creamy ankerite veinlets.	
VT	318.15	318.35	45.00		2.00	Cb	30.00	White sinuous quartz-carbonate veinlets.	
VN	318.91	318.94	90.00					White massive calcite vein.	
VT	319.85	319.87	60.00			Cl	10.00	White massive quartz veinlet next to a white calcite veinlet, with discontinuous chlorite veinlets.	
						Ca	40.00		
VT	320.81	321.53	50.00		8.00			White calcite veinlets.	
GO	322.78	323.08	30.00					Gouged and clay altered argillic granodiorite with smoky clay alteration. Quartz veinlet at uphole border.	
VN	324.95	325.55	80.00		2.00	Py	8.00	White-grey quartz veins with smoky quartz veinlets. Grey-smoky quartz hosts disseminated-blebby pyrite.	
VN	325.82	325.85	90.00			Py	2.00	White massive quartz vein with discontinuous veinlets of green chlorite. Hosts disseminated-blebby pyrite.	
VT	326.38	326.39	80.00			Ga	8.00	White massive quartz vein with blebby galena.	
VN	327.92	328.15	60.00		2.00	Ch	5.00	White-off white translucent quartz veins with 1mm chalcedony borders.	
VN	331.24	331.26	90.00					Banded white-off white quartz vein.	
VN	332.72	332.78	70.00			Py	8.00	White massive quartz vein with massive-blebby pyrite along uphole border and smoky quartz with blebby pyrite along the downhole border.	
VN	333.02	333.12	90.00		2.00	Py	30.00	Two mineralized quartz veins, 2mm and 3cm respectively. Milky-smoky quartz in alternating bands hosting blebby-disseminated pyrite.	
VT	333.93	334.03	70.00		2.00	Py	20.00	Two white-grey quartz veinlets with chloritic envelopes. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VT	334.43	334.44	60.00			Cb	15.00	White quartz-carbonate veinlet.	
VT	335.40	365.60	60.00		3.00	Py	10.00	Two white-grey quartz veinlets with chloritic envelopes. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						Sp	10.00		
						As	1.00		
VT	337.85	338.35	60.00		5.00			White-off white translucent quartz veinlets.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	337.99	338.07	70.00					Moderately gouged argillic granodiorite.	
VT	339.89	339.90	90.00			Py	5.00	Grey translucent quartz veinlet bordered by <1mm thick ankerite veinlets. Hosts disseminated pyrite.	
						Ak	2.00		
VT	340.23	340.24	80.00			Py	7.00	Smoky quartz veinlet hosting disseminated pyrite, with disseminated sericite in phyllic envelopes.	
						Se	2.00		
								EOH	

KLAZA

Hole: DDH-KL-12-85 **Date: July 12, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
15.03	9.9	6.3	823.1	507.8	GRD		PHC	3I	Ep	20	2.667144	2.61053	Moderate phyllic granodiorite with patchy granodiorite with high epidote content.
							PRO	2I					
34.29	10	6.3	815.1	496.6	GRD		PHC	3I	Ep	10	2.614809	2.559184	Phyllic overprinting argillic with large epidote crystals and disseminated pyrite.
							ARG	2I	Py	1			
43.84	10	6.3	819.3	503.6	GRD		PRO	3I	To	1	2.628282	2.595185	Propyllitic granodiorite with blebby tourmaline.
73.53	10	6.3	790.7	471.5	GRD		PRO	4I			2.536534	2.47713	Weak argillic overprinted by intermediate propyllitic.
							ARG	1I					
80.73	9.9	6.3	872.1	554.7	GRD		PHC	3I	P	2	2.825922	2.747637	Moderate phyllic with weak propyllitic crosscut by mineralized smoky quartz veins.
							PRO	2I	Sp	1			
90.76	10.2	6.3	851.2	524.3	FEL						2.677075	2.603854	Green quartz feldspar porphyry dyke with many quartz and feldspar phenocrysts.
110.06	10	6.3	854.6	536.2	GRD		PHC	3I	Py	1	2.741523	2.684045	Moderate phyllic overprinting weak argillic in granodiorite with disseminated pyrite.
							ARG	2I					
111.94	10.1	6.3	829.2	504.2	GRD		ARG	3I			2.633704	2.551385	Moderate-strong argillic with weak phyllic overprint.
							PHC	1I					
121.71	9.9	6.3	812.2	496.8	GRD		PRO	4I	Py	1	2.631824	2.575143	Strong propyllitic with weak silicification in granodiorite, with disseminated pyrite.
							SIL	1I					
183.43	10.3	6.3	879.6	547.8	GRD	XL	PRO	2I			2.739536	2.650995	Weakly propyllitic granodiorite.
202.81	9.7	6.3	807.6	499	GRD	XL	PHC	3I	Py	1	2.670875	2.61698	Moderate phyllic overprinting moderate-weak argillic crosscut by mineralized quartz veinlets.
							ARG	2I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
207.24	10.4	6.3	866.9	540	FEL	PO					2.67402	2.651881	Quartz feldspar porphyry dyke.
237.69	11.2	6.3	960.4	666	GRD		PHC	3I	Py	1	2.750826	3.262228	Moderate-intense phyllic granodiorite with mineralized quartz vein and ankerite throughout.
									Ak	5			
274.07	10.1	6.3	843.1	606.1	GRD		ARG	2I			2.677853	3.557384	Intense potassic overprinting weak-moderate argillic alteration in granodiorite.
							POT	4I					
285.14	9.9	6.3	787.4	550.2	GRD		ARG	4I			2.551463	3.319562	Moderate-intense argillic in granodiorite.
290.55	10.4	6.3	1137	904.3	GRD		PHC	2I	Py	35	3.507165	4.886119	White-grey quartz vein in phyllic granodiorite hosting pyrite and carbonate veinlets.
									Cb	3			
299.41	10.1	6.3	846.8	611.7	GRD		ARG	4I			2.689605	3.601872	Intense argillic in granodiorite.
													EOH

KLAZA

Hole: DDH-KL-12-85 **Date: July 12, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
32.94	33.94	1.00	0.97	97	M899617	1				
33.94	35.27	1.33	1.22	91.7	M899618	1				
35.27	36.33	1.06	1.00	94.3	M899619	1				
		0.00			M899620	1				Duplicate
36.33	39.24	2.91	2.76	94.8	M899621	1				
39.24	41.32	2.08	1.80	86.5	M899622	1				
41.32	42.32	1.00	0.97	97	M899623	1				
42.32	43.32	1.00	0.92	92	M899624	1				
		0.00			M899625	1				Klaza STD-3
43.32	44.81	1.49	1.38	92.6	M899626	1				
44.81	46.34	1.53	1.47	96.1	M899627	1				
46.34	47.85	1.51	1.51	100	M899628	1				
47.85	49.85	2.00	1.77	88.5	M899629	1				
49.85	50.90	1.05	1.02	97.1	M899630	1				
50.90	52.11	1.21	1.19	98.3	M899631	1				
52.11	53.76	1.65	1.50	90.9	M899632	1				
53.76	54.76	1.00	0.97	97	M899633	1				
54.76	57.00	2.24	2.18	97.3	M899634	1				
57.00	59.44	2.44	2.27	93	M899635	1				
59.44	60.50	1.06	1.06	100	M899636	1				
60.50	61.95	1.45	1.25	86.2	M899637	1				
		0.00			M899638	1				Klaza STD-3
61.95	63.19	1.24	1.21	97.6	M899639	1				
63.19	66.19	3.00	2.96	98.7	M899640	1				
66.19	68.81	2.62	2.52	96.2	M899641	1				
68.81	69.85	1.04	1.03	99	M899642	1				
		0.00			M899643	1				Blank
69.85	70.85	1.00	0.93	93	M899644	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
70.85	71.85	1.00	1.00	100	M899645	1				
71.85	73.40	1.55	1.55	100	M899646	1				
		0.00			M899647	1				Blank
73.40	76.40	3.00	3.00	100	M899648	1				
76.40	77.43	1.03	1.03	100	M899649	1				
		0.00			M899650	1				Coarse Reject Duplicate
77.43	80.22	2.79	2.44	87.5	N810001	1				
80.22	81.86	1.64	1.21	73.8	N810002	1				
81.86	83.07	1.21	1.17	96.7	N810003	2				
83.07	86.00	2.93	2.47	84.3	N810004	2				
86.00	89.00	3.00	2.94	98	N810005	2				
89.00	92.00	3.00	2.95	98.3	N810006	2				
92.00	95.00	3.00	2.95	98.3	N810007	2				
95.00	96.00	1.00	2.87	287	N810008	2				
96.00	96.62	0.62	1.65	266	N810009	2				
					N810010	2				Klaza STD-1
96.62	98.25	1.63	1.53	93.9	N810011	2				
98.25	99.58	1.33	1.24	93.2	N810012	2				
99.58	100.89	1.31	1.23	93.9	N810013	2				
100.89	102.72	1.83	1.78	97.3	N810014	2				
102.72	104.34	1.62	1.34	82.7	N810015	2				
104.34	107.17	2.83	2.25	79.5	N810016	2				
					N810017	2				Blank
107.17	108.45	1.28	1.28	100	N810039	2				Out of order
108.45	109.85	1.40	1.38	98.6	N810018	2				
109.85	111.57	1.72	1.68	97.7	N810019	2				
111.57	113.88	2.31	2.31	100	N810020	2				
113.88	115.46	1.58	1.58	100	N810021	2				
115.46	116.46	1.00	0.95	95	N810022	2				
					N810023	2				Duplicate
116.46	117.68	1.22	1.19	97.5	N810024	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
117.68	118.69	1.01	1.01	100	N810025	2				
118.69	120.69	2.00	2.00	100	N810026	2				
					N810027	2				Klaza STD-3
120.69	122.40	1.71	1.71	100	N810028	2				
122.40	124.05	1.65	1.54	93.3	N810029	2				
124.05	125.13	1.08	1.08	100	N810030	2				
125.13	126.47	1.34	1.32	98.5	N810031	2				
126.47	128.19	1.72	1.72	100	N810032	2				
128.19	130.15	1.96	1.93	98.5	N810033	2				
					N810034	2				Coarse reject duplicate
130.15	132.38	2.23	2.23	100	N810035	2				
132.38	133.61	1.23	1.23	100	N810036	2				
					N810037	2				Blank
133.61	136.06	2.45	2.36	96.3	N810038	3				
136.06	137.16	1.10	1.10	100	N810040	3				(039 is after 017)
					N810041	3				Klaza STD-2
137.16	139.34	2.18	2.01	92.2	N810042	3				
139.34	142.34	3.00	2.68	89.3	N810043	3				
142.34	143.39	1.05	1.04	99	N810044	3				
143.39	144.43	1.04	1.04	100	N810045	3				
144.43	145.55	1.12	1.05	93.7	N810046	3				
145.55	147.36	1.81	1.81	100	N810047	3				
147.36	148.44	1.08	1.01	93.5	N810048	3				
					N810049	3				Blank
148.44	149.68	1.24	1.24	100	N810050	3				
149.68	151.49	1.81	1.76	97.2	N810051	3				
151.49	152.67	1.18	1.18	100	N810052	3				
					N810053	3				Coarse reject duplicate
152.67	154.06	1.39	1.01	72.7	N810054	3				Rubbly, lost recovery.
154.06	155.69	1.63	1.63	100	N810055	3				
155.69	157.58	1.89	1.88	99.5	N810056	3				
157.58	159.05	1.47	1.41	95.9	N810057	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
159.05	161.42	2.37	2.31	97.5	N810058	3				
					N810059	3				Klaza STD-3
161.42	162.47	1.05	1.05	100	N810060	3				
162.47	164.43	1.96	1.87	95.4	N810061	3				
164.43	166.31	1.88	1.88	100	N810062	3				
166.31	168.00	1.69	1.64	97	N810063	3				
168.00	169.00	1.00	0.97	97	N810064	3				
169.00	170.77	1.77	1.77	100	N810065	3				
170.77	172.15	1.38	1.32	95.7	N810066	3				
172.15	173.44	1.29	1.29	100	N810067	3				
173.44	174.62	1.18	1.18	100	N810068	3				
					N810069	3				Blank
174.62	176.57	1.95	1.89	96.9	N810070	3				
176.57	177.81	1.24	1.24	100	N810071	3				
					N810072	3				Duplicate
177.81	179.69	1.88	1.87	99.5	N810073	3				
179.69	180.86	1.17	1.15	98.3	N810074	3				
180.86	182.82	1.96	1.95	99.5	N810075	4				
					N810076	4				Klaza STD-2
182.82	184.24	1.42	1.42	100	N810077	4				
184.24	186.84	2.60	2.60	100	N810078	4				
186.84	187.84	1.00	1.00	100	N810079	4				
187.84	189.02	1.18	1.18	100	N810080	4				
					N810081	4				Duplicate
189.02	190.17	1.15	1.15	100	N810082	4				
190.17	191.22	1.05	1.05	100	N810083	4				Rubbly recovery
191.22	192.44	1.22	1.09	89.3	N810084	4				
192.44	193.44	1.00	1.00	100	N810085	4				
					N810086	4				Blank
193.44	195.32	1.88	1.88	100	N810087	4				
195.32	196.52	1.20	1.20	100	N810088	4				
196.52	198.02	1.50	1.50	100	N810089	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
198.02	199.18	1.16	1.16	100	N810090	4				
199.18	200.42	1.24	1.24	100	N810091	4				
					N810092	4				Coarse reject duplicate
200.42	201.46	1.04	1.00	96.2	N810093	4				
201.46	202.87	1.41	1.39	98.6	N810094	4				
					N810095	4				Klaza STD-2
202.87	204.52	1.65	1.65	100	N810096	4				
204.52	205.84	1.32	1.32	100	N810097	4				
205.84	206.86	1.02	1.02	100	N810098	4				
206.86	207.64	0.78	0.78	100	N810099	4				Porphyry dyke
					N810100	4				Blank
207.64	208.64	1.00	1.00	100	N810101	4				
208.64	209.87	1.23	1.05	85.4	N810102	4				
209.87	211.03	1.16	1.16	100	N810103	4				
211.03	214.00	2.97	2.97	100	N810104	4				
214.00	216.47	2.47	2.45	99.2	N810105	4				
216.47	218.85	2.38	2.38	100	N810106	4				
218.85	221.72	2.87	2.87	100	N810107	4				
221.72	222.74	1.02	1.02	100	N810108	4				
222.74	224.74	2.00	1.90	95	N810109	4				
224.74	225.74	1.00	0.90	90	N810110	4				Rubbly/gouged
225.74	226.74	1.00	1.00	100	N810111	5				
226.74	228.60	1.86	1.79	96.2	N810112	5				
228.60	229.72	1.12	1.12	100	N810113	5				
229.72	231.09	1.37	1.37	100	N810114	5				
231.09	232.09	1.00	1.00	100	N810115	5				
232.09	233.66	1.57	1.54	98.1	N810116	5				
233.66	234.66	1.00	1.00	100	N810117	5				
234.66	235.71	1.05	0.99	94.3	N810118	5				Rubbly
					N810119	5				Duplicate
235.71	236.75	1.04	1.04	100	N810120	5				
236.75	238.09	1.34	1.30	97	N810121	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
238.09	240.04	1.95	1.95	100	N810122	5				
					N810123	5				Klaza STD-3
240.04	241.64	1.60	1.58	98.8	N810124	5				
					N810125	5				Coarse reject duplicate
241.64	242.64	1.00	1.00	100	N810126	5				
242.64	243.64	1.00	1.00	100	N810127	5				
243.64	245.50	1.86	1.86	100	N810128	5				
245.50	246.55	1.05	1.05	100	N810129	5				
					N810130	5				Klaza STD-1
246.55	249.45	2.90	2.85	98.3	N810131	5				
249.45	251.18	1.73	1.73	100	N810132	5				
251.18	252.42	1.24	1.24	100	N810133	5				
252.42	254.10	1.68	1.49	88.7	N810134	5				
254.10	256.49	2.39	2.12	88.7	N810135	5				
					N810136	5				Blank
256.49	257.89	1.40	1.40	100	N810137	5				
					N810138	5				Blank
257.89	259.21	1.32	1.28	97	N810139	5				
259.21	260.68	1.47	1.43	97.3	N810140	5				
260.68	261.83	1.15	1.08	93.9	N810141	5				
261.83	263.85	2.02	2.01	99.5	N810142	5				
263.85	266.83	2.98	2.93	98.3	N810143	5				
266.83	268.77	1.94	1.94	100	N810144	5				
268.77	269.87	1.10	1.10	100	N810145	5				
269.87	271.80	1.93	1.88	97.4	N810146	5				
					N810147	6				Klaza STD-3
271.80	273.41	1.61	1.61	100	N810148	6				
273.41	274.41	1.00	1.00	100	N810149	6				
274.41	277.20	2.79	2.79	100	N810150	6				
277.20	279.05	1.85	1.85	100	N810151	6				
279.05	280.11	1.06	1.06	100	N810152	6				
280.11	281.55	1.44	1.44	100	N810153	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
281.55	282.55	1.00	1.00	100	N810154	6				
					N810155	6				Klaza STD-2
282.55	285.45	2.90	2.90	100	N810156	6				
285.45	286.80	1.35	1.35	100	N810157	6				
					N810158	6				Duplicate
286.80	288.43	1.63	1.63	100	N810159	6				
288.43	290.10	1.67	1.67	100	N810160	6				
290.10	291.15	1.05	1.03	98.1	N810161	6				
					N810162	6				Blank
291.15	292.44	1.29	1.24	96.1	N810163	6				
292.44	294.06	1.62	1.62	100	N810164	6				
294.06	295.61	1.55	1.54	99.4	N810165	6				
295.61	296.70	1.09	1.09	100	N810166	6				
296.70	299.25	2.55	2.55	100	N810167	6				
					N810168	6				Coarse reject duplicate
299.25	300.44	1.19	1.19	100	N810169	6				
300.44	302.24	1.80	1.42	78.9	N810170	6				
302.24	303.41	1.17	1.14	97.4	N810171	6				
					N810172	6				Blank
303.41	305.05	1.64	1.56	95.1	N810173	6				
305.05	306.39	1.34	1.34	100	N810174	6				
306.39	308.93	2.54	2.52	99.2	N810175	6				
308.93	310.46	1.53	1.43	93.5	N810176	6				
310.46	313.41	2.95	2.83	95.9	N810177	6				
313.41	316.08	2.67	2.62	98.1	N810178	6				
316.08	317.16	1.08	1.08	100	N810179	6				
317.16	319.32	2.16	2.16	100	N810180	6				
319.32	320.75	1.43	1.43	100	N810181	6				
320.75	323.38	2.63	2.54	96.6	N810182	6				
323.38	324.81	1.43	1.43	100	N810183	1				Batch 1 of KL-12-86
324.81	326.05	1.24	1.24	100	N810184	1				
					N810185	1				Klaza STD-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
326.05	328.82	2.77	2.73	98.6	N810186	1				
328.82	331.17	2.35	2.12	90.2	N810187	1				
331.17	332.67	1.50	1.36	90.7	N810188	1				
332.67	334.09	1.42	1.39	97.9	N810189	1				
					N810190	1				Blank
334.09	335.73	1.64	1.64	100	N810191	1				
335.73	336.73	1.00	1.00	100	N810192	1				
336.73	337.73	1.00	1.00	100	N810193	1				
					N810194	1				
337.73	339.26	1.53	1.53	100	N810195	1				
339.26	340.31	1.05	0.93	88.6	N810196	1				EOH

KLAZA

Hole: DDH-KL-12-85 Tech Name: Tory, Sezgin, Gareth **Date: July 12**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.66	3.66	3.48	95	0.00	0		1	0S	5W	Rubbly, with soil+ mud OVB
3.66	5.19	1.53	0.95	62	0.43	28		2	2S	3W	
5.19	8.23	3.04	2.41	79	0.52	17		1	0S	4W	
8.23	11.28	3.05	2.60	85	0.29	10		1	4S	3W	
11.28	14.33	3.05	2.68	88	0.88	29		1	1S	5W	
14.33	17.37	3.04	2.90	95	1.82	60		2	2S	3W	
17.37	20.42	3.05	2.95	97	1.69	55		2	4S	3W	
20.42	23.47	3.05	3.05	100	1.01	33		1	1S	3W	
23.47	26.52	3.05	2.94	96	1.69	55		2	3S	2W	
26.52	29.57	3.05	3.05	100	1.46	48		2	1S	2W	
29.57	32.61	3.04	3.04	100	1.90	63		1	3S	2W	
32.61	35.66	3.05	2.92	96	1.89	62		1	1S	2W	
35.66	38.71	3.05	2.86	94	1.81	59		2	2S	2W	
38.71	41.75	3.04	2.72	89	1.15	38		2	1S	3W	
41.75	44.81	3.06	2.99	98	1.60	52		2	3S	2W	
44.81	47.85	3.04	3.01	99	1.42	47		1	1S	3W	
47.85	50.90	3.05	2.86	94	1.26	41		1	0S	4W	
50.90	53.95	3.05	2.83	93	1.54	50		1	1S	3W	
53.95	57.00	3.05	3.05	100	1.37	45		1	2S	4W	
57.00	60.05	3.05	3.05	100	0.87	29		1	2S	3W	
60.05	63.09	3.04	3.04	100	0.34	11		2	3S	3W	
63.09	66.14	3.05	3.02	99	2.13	70		2	3S	2W	
66.14	69.19	3.05	2.89	95	2.01	66		2	3S	1W	
69.19	72.24	3.05	3.05	100	1.01	33		2	4S	2W	
72.24	75.29	3.05	3.05	100	1.87	61		2	4S	2W	
75.29	78.33	3.04	3.04	100	0.93	31		2	4S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.02	99	1.35	44		2	4S	2W	
81.38	84.43	3.05	2.90	95	0.38	12		2	4S	2W	
84.43	87.48	3.05	3.01	99	1.27	42		2	3S	1W	
87.48	90.53	3.05	3.00	98	1.37	45		1	3S	1W	
90.53	93.57	3.04	3.02	99	1.70	56		2	3S	1W	
93.57	96.62	3.05	3.05	100	1.75	57		1	3S	1W	
96.62	99.67	3.05	3.05	100	0.43	14		1	3S	2W	
99.67	102.72	3.05	2.87	94	0.47	15		1	1S	3W	
102.72	105.77	3.05	2.34	77	0.54	18		1	1S	2W	
105.77	108.81	3.04	2.79	92	0.70	23		1	1S	3W	
108.81	111.86	3.05	3.05	100	2.64	87		1	4S	2W	
111.86	114.91	3.05	3.05	100	2.29	75		2	4S	1W	
114.91	117.96	3.05	2.99	98	2.64	87		2	4S	1W	
117.96	121.01	3.05	3.05	100	2.70	89		2	5S	1W	
121.01	124.05	3.04	2.95	97	2.61	86		1	1S	1W	
124.05	127.10	3.05	2.97	97	2.56	84		2	5S	1W	
127.10	130.15	3.05	2.93	96	2.30	75		2	3S	1W	
130.15	133.20	3.05	3.05	100	2.43	80		2	3S	1W	
133.20	136.25	3.05	2.95	97	2.26	74		2	2S	1W	
136.25	139.29	3.04	3.04	100	2.45	81		2	4S	1W	
139.29	142.34	3.05	3.02	99	1.29	42		2	4S	1W	
142.34	145.39	3.05	3.05	100	1.66	54		2	4S	1W	
145.39	148.44	3.05	3.05	100	1.83	60		2	4S	1W	
148.44	151.49	3.05	3.05	100	2.15	70		2	4S	2W	
151.49	154.53	3.04	3.04	100	1.35	44		2	4S	1W	
154.53	157.58	3.05	3.05	100	1.09	36		2	3S	1W	
157.58	160.63	3.05	3.05	100	1.40	46		2	3S	1W	
160.63	163.68	3.05	3.05	100	1.92	63		2	2S	1W	
163.68	166.73	3.05	3.05	100	0.79	26		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.04	100	1.26	41		2	3S	1W	
169.77	172.82	3.05	3.05	100	1.50	49		2	4S	2W	
172.82	175.87	3.05	3.05	100	0.34	11		2	2S	2W	
175.87	178.92	3.05	3.05	100	2.25	74		2	5S	1W	
178.92	181.97	3.05	3.05	100	2.42	79		2	5S	2W	
181.97	185.01	3.04	2.91	96	2.66	88		2	4S	1W	
185.01	188.06	3.05	3.04	100	2.48	81		2	4S	1W	
188.06	191.11	3.05	3.05	100	1.64	54		2	3S	1W	
191.11	194.16	3.05	2.98	98	1.30	43		2	2S	1W	
194.16	197.21	3.05	2.91	95	1.25	41		2	2S	1W	
197.21	200.25	3.04	3.05	100	0.66	22		2	2S	2W	
200.25	203.30	3.05	3.05	100	1.96	64		2	3S	1W	
203.30	206.35	3.05	3.02	99	1.87	61		2	3S	1W	
206.35	209.40	3.05	2.95	97	2.65	87		2	3S	1W	
209.40	212.45	3.05	3.06	100	2.35	77		2	4S	1W	
212.45	215.49	3.04	2.94	97	1.81	60		2	5S	2W	
215.49	218.54	3.05	3.05	100	2.72	89		2	5S	1W	
218.54	221.59	3.05	3.03	99	2.53	83		2	5S	1W	
221.59	224.64	3.05	2.91	95	2.32	76		2	4S	1W	
224.64	227.69	3.05	3.05	100	1.11	36		2	3S	1W	
227.69	230.73	3.04	3.05	100	1.23	40		2	3S	1W	
230.73	233.78	3.05	2.99	98	1.97	65		2	3S	1W	
233.78	236.83	3.05	3.05	100	1.25	41		2	4S	3W	
236.83	239.88	3.05	3.05	100	1.68	55		2	4S	1W	
239.88	242.92	3.04	3.05	100	1.74	57		2	3S	1W	
242.92	245.97	3.05	3.05	100	1.43	47		2	3S	1W	
245.97	249.02	3.05	3.05	100	1.53	50		2	3S	1W	
249.02	252.07	3.05	3.00	98	0.71	23		2	3S	2W	
252.07	255.12	3.05	2.90	95	0.55	18		1	2S	3W	
255.12	258.17	3.05	3.05	100	1.58	52		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	2.99	98	1.54	51		2	3S	2W	
261.21	264.26	3.05	3.05	100	2.31	76		2	2S	1W	
264.26	267.31	3.05	2.94	96	2.39	78		2	5S	1W	
267.31	270.36	3.05	3.00	98	2.65	87		2	4S	1W	
270.36	273.41	3.05	3.00	98	2.00	66		2	5S	1W	
273.41	276.45	3.04	3.00	99	2.00	66		2	5S	1W	
276.45	279.50	3.05	3.01	99	1.31	43		2	4S	1W	
279.50	282.55	3.05	2.95	97	0.85	28		1	1S	2W	
282.55	285.60	3.05	3.03	99	1.65	54		2	4S	1W	
285.60	288.65	3.05	2.89	95	2.07	68		2	4S	1W	
288.65	291.69	3.04	2.96	97	2.38	78		2	4S	1W	
291.69	294.74	3.05	2.98	98	1.30	43		2	4S	1W	
294.74	297.79	3.05	3.00	98	2.20	72		2	3S	1W	
297.79	300.84	3.05	3.00	98	2.03	67		2	4S	1W	
300.84	303.89	3.05	2.95	97	2.05	67		2	2S	1W	
303.89	306.93	3.04	3.01	99	2.40	79		2	3S	1W	
306.93	309.98	3.05	3.05	100	1.17	38		2	1S	1W	
309.98	313.03	3.05	3.04	100	1.00	33		2	4S	1W	
313.03	316.08	3.05	3.05	100	1.42	47		2	5S	1W	
316.08	319.13	3.05	2.99	98	1.52	50		2	1S	1W	
319.13	322.17	3.04	3.00	99	1.92	63		2	4S	1W	
322.17	325.22	3.05	2.93	96	1.93	63		2	5S	1W	
325.22	328.27	3.05	3.00	98	2.15	70		2	5S	1W	
328.27	331.32	3.05	2.90	95	1.10	36		2	2S	1W	
331.32	334.37	3.05	2.90	95	0.95	31		2	2S	1W	
334.37	337.41	3.04	3.04	100	2.00	66		2	5S	2W	
337.41	340.31	2.90	2.85	98	1.87	64		2	3S	1W	EOH

KLAZA

Hole: DDH-KL-12-85 **Tech Name:** Tory, Sezgin, Gareth **Date:** July 1 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.60								OVB
3.60	5.19								Rubble
5.19	8.23								Rubble
8.23	11.28								Rubble
11.28	14.33								Rubble
14.33	17.37		30.00	0.30	1.00	1.00	2R	3W	
			70.00	0.20	1.00	1.00	2R	2W	
17.37	20.42		30.00	1.15	1.00	1.00	2R	3W	
			60.00	0.25	0.00	1.00	3R	3W	
20.42	23.47								Randomly oriented fractures
23.47	26.52		30.00	0.45	0.00	1.00	2R	2W	
26.52	29.57		40.00	0.50	0.00	1.00	2R	2W	
29.57	32.61		45.00	0.20	0.00	1.00	2R	2W	
32.61	35.66		70.00	0.45	0.00	3.00	3R	2W	
			40.00	0.30	0.00	2.00	3R	2W	
35.66	38.71		40.00	0.10	0.00	1.00	2R	2W	
38.71	41.75								Rubble with randomly oriented
41.75	44.81		60.00	0.15	0.00	1.00	2R	2W	
44.81	47.85		30.00	0.20	0.00	1.00	2R	2W	Rubble
			70.00	0.10	0.00	1.00	3R	3W	
47.85	50.90		45.00	0.30	3.00	3.00	3R	3W	Rubble
50.90	53.95								Randomly oriented fractures
53.95	57.00		30.00	0.12	0.00	2.00	2R	3W	
			60.00	0.68	0.00	2.00	2R	4W	
57.00	60.05		40.00	0.20	0.00	2.00	2R	2W	
			60.00	0.35	0.00	3.00	3R	2W	
60.05	63.09								Rubble with randomly oriented fractures

KLAZA

63.90	66.14		50.00	0.25	0.00	3.00	3R	2W	
66.14	69.19		60.00	0.30	0.00	1.00	3R	2W	
			30.00	0.15	0.00	3.00	3R	2W	
69.19	72.24		80.00	0.10	1.00	1.00	2R	2W	
			40.00	1.00	1.00	2.00	2R	3W	
72.24	75.29		70.00	0.20	0.00	1.00	3R	2W	
			40.00	0.20	0.00	1.00	2R	2W	
75.29	78.33		45.00	0.20	0.00	1.00	2R	1W	
			80.00	0.05	0.00	1.00	3R	2W	
78.33	81.38		45.00	0.45	0.00	2.00	3R	2W	
81.38	84.43								Rubble with randomly oriented fractures
84.43	87.48		70.00	0.08	0.00	1.00	2R	2W	
87.48	90.53		90.00	0.10	0.00	1.00	2R	2W	
90.53	93.57		85.00	0.10	0.00	1.00	2R	2W	
93.57	96.62		70.00	0.13	0.00	1.00	3R	1W	
96.62	99.67		-	-	-	-	-	-	Rubbly, randomly oriented fractures
99.67	102.72		-	-	-	-	-	-	Gougy
102.72	105.77		-	-	-	-	-	-	Gougy
105.77	108.81		-	-	-	-	-	-	Gougy
108.81	111.86		70.00	0.15	0.00	1.00	3R	2W	
111.86	114.91		40.00	0.03	0.00	1.00	2R	2W	Additional joint sets: 60,0.25,0,1,2R,2W
114.91	117.96		35.00	0.60	0.00	1.00	2R	2W	Additional joint sets: 70,0.35,0,1,2R,1W
117.96	121.01		70.00	0.07	0.00	1.00	2R	2W	
121.01	124.05		60.00	0.30	0.00	1.00	2R	2W	
124.05	127.10		50.00	0.60	0.00	1.00	2R	2W	
127.10	130.15		45.00	0.20	0.00	1.00	2R	2W	
130.15	133.20		60.00	0.30	0.00	3.00	2R	2W	Additional joint sets: 45,1.00,0,1,2R,2W
133.20	136.25		45.00	0.20	0.00	3.00	2R	2W	
136.25	139.29		-	-	-	-	-	-	
139.29	142.34		30.00	1.00	1.00	2.00	3R	2W	Single joint w/ 20mm gouge.
142.34	145.39		30.00	0.15	0.00	3.00	3R	1W	
145.39	148.44		40.00	0.75	1.00	2.00	3R	1W	
148.44	151.49		35.00	0.60	2.00	2.00	3R	2W	

KLAZA

151.49	154.53		30.00	0.45	3.00	2.00	3R	2W	
154.53	157.58		45.00	0.20	0.00	2.00	3R	1W	
157.58	160.63		35.00	0.30	3.00	1.00	3R	2W	
160.63	163.68		50.00	0.60	7.00	2.00	3R	2W	
163.68	166.73		50.00	0.60	3.00	2.00	3R	2W	
166.73	169.77		-	-	-	-	-	-	
169.77	172.82		60.00	0.15	3.00	2.00	3R	2W	
172.82	175.87		-	-	-	-	-	-	
175.87	178.92		20.00	0.40	0.00	2.00	3R	1W	
178.92	181.97		60.00	0.70	1.00	2.00	3R	1W	
181.97	185.01		32.00	0.82	0.00	1.00	2R	1W	
185.01	188.06		60.00	0.06	0.00	1.00	2R	1W	Additional joint sets:20,0.41,0,1,2R,1W
188.06	191.11		40.00	0.61	0.00	1.00	3R	1W	
191.11	194.16		65.00	0.32	0.00	1.00	2R	1W	
194.16	197.21		55.00	0.06	0.00	1.00	2R	1W	
197.21	200.25		58.00	0.15	0.00	1.00	2R	1W	
200.25	203.30		35.00	1.52	0.00	2.00	2R	1W	
203.30	206.35		45.00	0.30	0.00	1.00	2R	1W	
206.35	209.40		40.00	0.50	0.00	1.00	2R	1W	
209.40	212.45		58.00	0.26	0.00	1.00	2R	1W	Additional joint sets: 25,1.77,0,1,2R,1W
212.45	215.49		-	-	-	-	-	-	Rubbly
215.49	218.54		70.00	2.07	0.00	1.00	2R	1W	
218.54	221.59		70.00	0.34	0.00	1.00	3R	1W	
221.59	224.64		50.00	0.04	0.00	1.00	2R	1W	
224.64	227.69		52.00	0.20	0.00	1.00	3R	1W	
227.69	230.73		25.00	0.23	0.00	1.00	2R	1W	
230.73	233.78		70.00	0.27	0.00	1.00	2R	1W	
233.78	236.83		60.00	0.31	0.00	1.00	3R	1W	
236.83	239.88		62.00	0.30	0.00	1.00	2R	1W	
239.88	242.93		40.00	0.40	0.00	1.00	2R	1W	
242.93	245.97		78.00	0.22	0.00	1.00	3R	1W	
245.97	249.02		30.00	0.10	0.00	1.00	2R	1W	Additional joint sets:65,1.04,0,1,2R,1W
249.02	252.07		55.00	0.49	0.00	1.00	2R	1W	
252.07	255.12		50.00	0.48	0.00	1.00	2R	1W	

KLAZA

255.12	258.17		58.00	0.90	0.00	1.00	2R	1W	Additional joint sets:65,0.32,0,1,2R,1W
258.17	261.21		70.00	0.50	0.00	1.00	2R	1W	Additional joint sets:80,0.28,0,1,2R,1W
261.21	264.26		60.00	0.22	0.00	1.00	3R	1W	
264.26	267.31		70.00	0.92	0.00	1.00	3R	1W	
267.31	270.36		50.00	0.38	0.00	1.00	3R	1W	
270.36	273.41		78.00	0.17	0.00	1.00	2R	1W	
273.41	276.46		50.00	0.30	0.00	1.00	2R	1W	
276.46	279.50		50.00	0.25	0.00	1.00	2R	1W	
279.50	282.55		-	-	-	-	-	-	Rubble of rocks, minor weathering
282.55	285.60		40.00	1.26	0.00	2.00	3R	1W	
285.60	288.65		60.00	0.40	0.00	1.00	2R	1W	
288.65	299.69		60.00	1.34	0.00	1.00	2R	1W	
299.69	294.74		55.00	0.25	0.00	1.00	2R	1W	
294.74	297.79		48.00	0.15	0.00	1.00	2R	1W	
297.79	300.84		55.00	0.30	0.00	1.00	2R	1W	
300.84	303.89		72.00	0.34	0.00	1.00	2R	1W	Additional joint sets: 75,0.30,0,1,2R,1W
303.89	306.93		75.00	0.62	0.00	1.00	2R		
306.93	309.98		77.00	0.20	0.00	1.00	2R		Additional joint sets: 62,0.40,0,1,2R,1W
309.98	313.03		40.00	0.45	0.00	1.00	2R		
313.03	316.08		58.00	0.94	0.00	1.00	2R		
316.08	319.13		60.00	0.50	0.00	1.00	2R		
319.13	322.17		45.00	0.28	0.00	1.00	2R		
322.17	325.22		75.00	0.70	0.00	1.00	2R		
325.22	328.27		80.00	0.12	0.00	1.00	2R		Additional joint sets: 45,0.22,0,1,3R,1W
328.27	331.32		32.00	2.00	0.00	1.00	3R		
331.32	334.37		55.00	0.07	0.00	1.00	2R		Additional joint sets: 38,1.30,0,1,3R,1W
334.37	337.49		50.00	0.21	0.00	1.00	2R		
337.49	340.39		30.00	0.05	0.00	1.00	2R		EOH

KLAZA

Hole: DDH-KL-12-85 Date: July 12, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	n/a	casing
3.00	n/a	casing
4.00	0.95	
5.00	0.75	
6.00	0.47	
7.00	0.20	
8.00	0.52	
9.00	0.47	
10.00	0.72	
11.00	0.35	
12.00	0.15	
13.00	0.20	
14.00	0.50	
15.00	8.58	
16.00	15.20	
17.00	19.90	
18.00	15.40	
19.00	18.70	
20.00	19.70	
21.00	6.40	
22.00	22.40	
23.00	15.90	
24.00	23.10	
25.00	33.00	
26.00	25.20	
27.00	3.67	
28.00	23.40	
29.00	21.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	14.40	
31.00	20.80	
32.00	15.90	
33.00	0.72	
34.00	0.87	
35.00	0.25	
36.00	2.35	
37.00	24.90	
38.00	20.40	
39.00	23.70	
40.00	1.00	
41.00	12.90	
42.00	4.30	
43.00	0.82	
44.00	13.90	
45.00	0.43	
46.00	2.04	
47.00	1.37	
48.00	0.48	
49.00	0.68	
50.00	1.00	
51.00	7.82	
52.00	0.26	
53.00	0.26	
54.00	0.42	
55.00	0.72	
56.00	1.79	
57.00	13.70	
58.00	3.69	
59.00	3.79	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.83	
61.00	2.04	
62.00	0.87	
63.00	2.94	
64.00	3.44	
65.00	2.75	
66.00	3.44	
67.00	2.57	
68.00	2.70	
69.00	2.97	
70.00	1.86	
71.00	2.94	
72.00	2.20	
73.00	2.55	
74.00	28.50	
75.00	3.41	
76.00	3.72	
77.00	10.60	
78.00	3.46	
79.00	2.97	
80.00	1.61	
81.00	3.14	
82.00	1.22	
83.00	1.71	
84.00	1.79	
85.00	1.71	
86.00	1.91	
87.00	5.17	
88.00	2.67	
89.00	3.59	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.52	
91.00	3.84	
92.00	2.83	
93.00	2.82	
94.00	3.24	
95.00	3.17	
96.00	2.60	
97.00	1.47	
98.00	1.81	
99.00	n/a	forgotten
100.00	n/a	forgotten
101.00	n/a	forgotten
102.00	n/a	forgotten
103.00	0.45	
104.00	0.38	
105.00	0.68	
106.00	0.20	
107.00	0.16	
108.00	0.21	
109.00	0.00	
110.00	0.48	
111.00	0.40	
112.00	0.87	
113.00	1.98	
114.00	0.65	
115.00	0.57	
116.00	0.73	
117.00	1.02	
118.00	0.75	
119.00	0.48	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.80	
121.00	0.75	
122.00	0.89	
123.00	0.25	
124.00	0.25	
125.00	0.58	
126.00	0.53	
127.00	3.91	
128.00	13.80	
129.00	8.51	
130.00	2.06	
131.00	0.48	
132.00	0.50	
133.00	0.25	
134.00	6.30	
135.00	15.40	
136.00	0.78	
137.00	1.31	
138.00	31.20	
139.00	26.80	
140.00	6.08	
141.00	7.29	
142.00	5.52	
143.00	5.76	
144.00	3.41	
145.00	3.42	
146.00	3.84	
147.00	4.43	
148.00	3.69	
149.00	1.17	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	4.51	
151.00	4.83	
152.00	6.03	
153.00	5.10	
154.00	1.57	
155.00	1.66	
156.00	2.58	
157.00	6.88	
158.00	3.67	
159.00	2.40	
160.00	2.65	
161.00	4.72	
162.00	4.31	
163.00	2.70	
164.00	4.55	
165.00	3.22	
166.00	3.84	
167.00	1.61	
168.00	2.01	
169.00	4.87	
170.00	3.51	
171.00	5.17	
172.00	5.44	
173.00	4.09	
174.00	2.18	
175.00	4.36	
176.00	5.84	
177.00	28.00	
178.00	5.35	
179.00	16.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	5.35	
181.00	31.60	
182.00	6.93	
183.00	3.79	
184.00	1.66	
185.00	2.90	
186.00	1.29	
187.00	1.24	
188.00	2.28	
189.00	1.78	
190.00	1.62	
191.00	0.77	
192.00	0.82	
193.00	0.72	
194.00	1.42	
195.00	0.63	
196.00	0.89	
197.00	0.73	
198.00	1.36	
199.00	1.41	
200.00	4.23	
201.00	1.27	
202.00	0.75	
203.00	2.04	
204.00	8.40	
205.00	1.89	
206.00	2.20	
207.00	2.87	
208.00	1.02	
209.00	2.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	8.87	
211.00	1.44	
212.00	1.81	
213.00	3.42	
214.00	29.10	
215.00	41.40	
216.00	42.30	
217.00	1.99	
218.00	18.50	
219.00	25.40	
220.00	33.30	
221.00	12.50	
222.00	3.15	
223.00	2.43	
224.00	4.51	
225.00	1.14	
226.00	12.30	
227.00	2.52	
228.00	1.14	
229.00	2.67	
230.00	23.90	
231.00	2.50	
232.00	13.30	
233.00	1.59	
234.00	1.52	
235.00	23.90	
236.00	1.91	
237.00	40.20	
238.00	1.22	
239.00	13.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	3.54	
241.00	1.20	
242.00	0.68	
243.00	0.38	
244.00	2.03	
245.00	1.64	
246.00	0.89	
247.00	0.80	
248.00	2.31	
249.00	1.39	
250.00	1.00	
251.00	0.70	
252.00	1.73	
253.00	0.67	
254.00	0.68	
255.00	0.94	
256.00	0.36	
257.00	1.78	
258.00	1.32	
259.00	0.85	
260.00	1.07	
261.00	0.45	
262.00	0.36	
263.00	30.40	
264.00	2.30	
265.00	15.90	
266.00	17.60	
267.00	24.60	
268.00	3.05	
269.00	3.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	2.62	
271.00	41.30	
272.00	46.00	
273.00	41.80	
274.00	2.28	
275.00	8.46	
276.00	29.20	
277.00	2.35	
278.00	2.60	
279.00	2.43	
280.00	2.41	
281.00	2.13	
282.00	2.70	
283.00	3.59	
284.00	2.46	
285.00	2.46	
286.00	1.94	
287.00	1.47	
288.00	3.14	
289.00	1.99	
290.00	2.36	
291.00	2.60	
292.00	2.68	
293.00	0.65	
294.00	2.48	
295.00	3.07	
296.00	1.32	
297.00	1.96	
298.00	8.14	
299.00	2.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	1.42	
301.00	1.59	
302.00	2.40	
303.00	2.11	
304.00	3.27	
305.00	4.55	
306.00	2.65	
307.00	11.20	
308.00	26.40	
309.00	1.22	
310.00	1.61	
311.00	5.76	
312.00	12.70	
313.00	6.72	
314.00	6.43	
315.00	3.44	
316.00	7.35	
317.00	2.35	
318.00	7.62	
319.00	3.10	
320.00	10.00	
321.00	2.65	
322.00	0.84	
323.00	0.97	
324.00	0.65	
325.00	1.89	
326.00	2.83	
327.00	14.10	
328.00	1.52	
329.00	1.88	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	15.30	
331.00	1.93	
332.00	2.30	
333.00	2.99	
334.00	1.39	
335.00	1.12	
336.00	3.83	
337.00	3.34	
338.00	0.99	
339.00	11.50	
340.00	3.10	EOH

KLAZA

Hole: **DDH-KL-12-85** **Date: July 12, 2012**

Box #	From (m)	To (m)
1	0.00	2.50
2	2.50	5.95
3	5.95	8.90
4	8.90	12.55
5	12.55	16.10
6	16.10	20.42
7	20.42	23.77
8	23.77	27.92
9	27.92	31.75
10	31.75	35.91
11	35.91	40.04
12	40.04	43.66
13	43.66	47.50
14	47.50	51.47
15	51.47	55.13
16	55.13	59.18
17	59.18	62.57
18	62.57	66.53
19	66.53	70.67
20	70.67	74.45
21	74.45	78.50
22	78.50	82.33
23	82.33	86.23
24	86.23	90.36
25	90.36	94.64
26	94.64	98.80
27	98.80	99.44
28	99.44	102.90
29	102.90	107.17

KLAZA

30	107.17	110.47
31	110.47	114.68
32	114.68	118.56
33	118.56	122.72
34	122.72	126.47
35	126.47	130.69
36	130.69	134.70
37	134.70	138.58
38	138.58	142.47
39	142.47	146.37
40	146.37	150.28
41	150.28	154.27
42	154.27	157.96
43	157.96	161.87
44	161.87	165.82
45	165.82	169.87
46	169.87	174.00
47	174.00	178.83
48	178.83	182.41
49	182.41	186.70
50	186.70	191.00
51	191.00	194.70
52	194.70	198.45
53	198.45	202.27
54	202.27	206.35
55	206.35	210.51
56	210.51	215.78
57	215.78	219.00
58	219.00	223.19
59	223.19	227.45
60	227.45	231.23
61	231.23	235.19
62	235.19	239.07
63	239.07	242.93
64	242.93	246.92
65	246.92	251.05
66	251.05	254.74

KLAZA

67	254.74	258.31
68	258.31	262.33
69	262.33	266.83
70	266.83	271.05
71	271.05	275.18
72	275.18	279.42
73	279.42	283.13
74	283.13	287.17
75	287.17	291.61
76	291.61	295.67
77	295.67	299.93
78	299.93	304.12
79	304.12	308.13
80	308.13	311.80
81	311.80	315.72
82	315.72	319.32
83	319.32	323.38
84	323.38	327.45
85	327.45	331.42
86	331.42	335.08
87	335.08	339.01
88	339.01	340.31 EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: DICKSON ZONE			382456.72	6888818.2	1407.718	212.45

SECTION:

HOLE: DDH-12-86

CLAIM: YB35418

Contractor: Elite

Drill: 3

Core size: 4 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: ? - July 14th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden
4.57	28.13	23.56	GRD	Fresh granodiorite with argillic to phyllic alteration at
			GRD	and proximal to contact with dyke.
28.13	42.78	14.65	FEL	Quartz-feldspar-porphry dyke.
42.78	69.69	26.91	GRD	Fresh, phyllic altered and minor argillic alteration.
69.69	78.45	8.76	FEL	Quartz-feldspar-porphry dyke.
78.45	84.85	6.40	GRD	Patchy phyllic and propylitic alteration.
84.85	115.6	30.75	GRD	Generally fresh with patches of phyllic alteration.
115.60	117.86	2.26	GRD	Py, As, Ga and Ch mineralization hosted in quartz vein.
				Phyllic alteration halo.
117.86	126.45	8.59	GRD	Generally fresh with patches oh phyllic alteration.
126.45	156.56	30.11	GRD	Phyllic altered with patches of propylitic and fresh core.
156.56	164.84	8.28	GRD	Generally fresh granodiorite with mineralized veins/lets.
164.84	205.32	40.48	GRD	Alternating phyllic, propylitic, and fresh granodiorite with
				mineralization throughout.
205.32	212.45			Fresh granodiorite with trace disseminated pyrite.
				EOH

SAMPLES

Numbers: M895519 - M895550, N811001 - N811127

Total: 159

Batch: 75-5, 86-1 to 86-4

Date Sent:

Certificate:

COMMENTS

Mineralization from disseminated pyrite, stringers, minerlaized veinlets to massive sulphides occurred throughout hole.

KLAZA

Hole: DDH-12-86 **Logger Name:** Nicole Marsh **Date: July 12, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	4.57	4.57				OVB															Overburden.
4.57	24.85	20.28				mKgW	GRD	MG	MD	OR	Ma			PHC	1.00	<1					Oxidized granodiorite. Patches of heavy limonite staining and limonite on fractures. Localized phyllic alteration around pyrite-bearing veins and disseminated pyrite. Smoky quartz veins and calcite veining present. Trace argillic alteration. Trace disseminated pyrite throughout.
									MD	BL				ARG	1.00						
														LIM	3.00						
24.85	28.13	3.28				mKgW	GRD	MG	LT	GN				ARG	2.00	<1					Argillic altered (weak, limonite stained) grading into phyllic altered granodiorite with disseminated pyrite, and blebby pyrite hosted in smoky quartz veinlets. Quartz-carbonate associated with pyrite veins.
														PHC	3.00						
														LIM	2.00						
28.13	42.78	14.65				LKqP	FEL	FG	LT	GY	PO										Light-grey quartz-feldspar porphyritic dyke. Very weak/soft. Partly gouge material until 29.38, then patches of clay altered gouge throughout. Quartz-carbonate veins throughout (variety of angles).
42.78	51.15	8.37				mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Phyllic altered granodiorite. Quartz-carbonate veinlets and disseminated pyrite throughout. Fine pyrite stringers and heavy pyrite on fracture at 50m.
51.15	62.62	11.47				mKgW	GRD	MG	MD	BL				PHC	2.00	<1					Mainly fresh blue granodiorite with patches of phyllic alteration (especially around veins). Quartz-carbonate and quartz veins throughout. Some veins in vuggy and crustiform textures. Localized patches of hematite staining.
									LT	GN											
62.62	69.69	7.07				mKgW	GRD	MG	LT	WH				PHC	2.00	<1					Argillic and phyllic alteration with quartz veins hosting sulphides (with phyllic alteration
									LT	GN				ARG	1.00						
69.69	78.45	8.76				LKqP	FEL	FG	LT	GN											Quartz-feldspar porphyritic dyke. Grey-green colour and light red-purple colour.
									LT	GY											
78.45	84.85	6.40				mKgW	GRD	MG	MD	BL				PHC	2	<1					Patchy phyllic (moderate to strong) and propyllitic altered (weak to moderate)
									MD	GN				PRO	2.00						
														ARG	1.00						
84.85	115.60	30.75				mKgW	GRD	MG	MD	BL	MA			PRO	1.00	1.00					Mostly fresh granodiorite with patches of weak propyllitic alteration. Quartz veinlets bearing pyrite present with weak phyllic halo. Localized blebs of pyrite and stringers. Chlorite on many fractures.
														PHC	1.00						
115.60	126.45	10.85				mKgW	GRD	MG	MD	BL	MA			PHC	2.00						Overall fresh granodiorite with patches of phyllic and propyllitic alteration. Trace disseminated pyrite and pyrite stringers. Massive sulphides and veins described in secondary structure logs. Mineralization mostly within phyllic altered zones.
														PRO	2.00						
			115.60	117.86	2.26	mKgW	GRD	MG	MD	GN						3.00					Phyllic altered zone with abundant mineralization. Massive pyrite, arsenopyrite, chalcopyrite and galena within vein. Disseminated pyrite and veinlets (hosting pyrite) throughout.
									DK	GY								Cp	<1		
																		Ga	<1		
																		As	<1		
			125.97	126.45	0.48	mKgW	GRD	MG	LT	GN						3.00					Phyllic altered zone with abundant pyrite in quartz veinlets. Disseminated pyrite throughout.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
126.45	149.81	23.36				mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Phyllic altered granodiorite with patches of propyllitic alteration. White quartz-carbonate (and a few pink ankerite) veinlets throughout. Gouge zones and sulphide bearing veins spread out through interval (see secondary structures log). Patches of silicification and fresh granodiorite.
														PRO	1.00						
													1.00								
			144.04	144.56	0.52	mKgW	GRD	MG	LT	WH			5.00			2.00					Intense silicification. Light white-grey colour. Semi-massive and radiating tourmaline associated with blebs of pyrite. Disseminated pyrite throughout interval.
									LT	GY											
149.81	156.56	6.75				mKgW	GRD	MG	DK	GN				PRO	3.00	1.00					Generally phyllic altered granodiorite with patches of fresh and (weak to strong) propyllitic altered granodiorite. Quartz eyes associated with propyllitic alteration. Phyllic alteration halos around veins. Trace tourmaline. Abundant sulphide bearing veins and veinlets described in secondary structures log.
									MD	BL				PHC	1.00						
156.56	164.84	8.28				mKgW	GRD	MG	LT	GN						<1					Generally fresh granodiorite with patches of propyllitic and phyllic alteration. Trace disseminated pyrite and epidote. Quartz stringers present. Many mineralized veins and veinlets (see secondary structures log).
														PHC	3.00						Patchy propyllitic, phyllic and fresh granodiorite. Alternating colours of grey, light green and dark green. Crustiform veins and mineralization described in secondary structures log. Many mineralized veins and veinlets throughout. Disseminated pyrite throughout.
														PRO	2.00						
164.84	205.41	40.57							LT	GN				PHC	3.00						Patchy propyllitic, phyllic and fresh granodiorite. Alternating colours of grey, light green and dark green. Many mineralized veins and veinlets. Disseminated pyrite throughout. Trace argillic alteration. Mineralization and crustiform veins described in secondary structure slog.
									DK	GN				PRO	2.00						
									MD	GY				ARG	1.00						
			182.00	186.85	4.85	mKgW	GRD	MG	DK	GN				PRO	4.00	<1					Dark-green, highly propyllitic altered granodiorite. Trace phyllic alteration. Minor epidote. Light pink quartz vein (very shallow) described in secondary structures log. More abundant mafics than fresh granodiorite (varying from 15-35%). Calcite on some fractures. Blebs of pyrite in darkest zones.
			189.22	190.88	1.66	mKgW	GRD	MG	LT	GN				PHC	4.00	<1					Phyllic altered zone with 18cm quartz-sulphide vein (see secondary structures log). Quartz carbonate veinlets throughout. Abundant disseminated pyrite until 190.13m.
			193.00	196.20	3.20	mKgW	GRD	MG	LT	GN				PHC	4.00	1.00					Phyllic altered granodiorite with semi-massive tourmaline with acicular and radiating textures. Tourmaline is hosted in smoky quartz with blebby pyrite. Also, small fault adjacent to smoky quartz vein hosting disseminated pyrite.
205.41	212.45	7.04				mKgW	GRD	MG	MD	BL	MA			PHC	1.00	<1					Fresh granodiorite with trance stringers of pyrite and trace phyllic alteration (slight green colouration to some feldspars).
																					EOH

KLAZA

Hole: DDH-12-86 **Logger Name: Nicole Marsh**

Depth (m)		DESCRIPTION
28.13		Granodiorite hanging-wall. Quartz-feldspar-porphyry dyke foot-wall. Gouge granodiorite and dyke on both sides of contact (cannot tell if abrupt or gradational contact). Mineralization at contact, however mineralization 1.3m into footwall.
42.78		Quartz-feldspar-porphyry dyke hanging-wall, granodiorite footwall. Abrupt contact with minimal gouge and friable material. Granodiorite is quartz flooded at contact. Trace disseminated pyrite and abundant white quartz-carbonate veinlets near contact.
69.69		Granodiorite hanging-wall, quartz-feldspar-porphry dyke footwall. Abrupt contact at 70 degrees to-core-axis. Mineralization 24cm away from contact.
78.45		Quartz-feldspar-porphry dyke hangingwall, granodiorite footwall. Abrupt contact at 50 degrees to-core-axis. Quartz-carbonate veinlets, blebs of pyrite (hosted within smoky quartz) and 1cm of brecciation.
		EOH

KLAZA

Hole: DDH-12-86 **Logger Name:** Nicole Marsh **Date:** July 12, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	14.00	14.24	0.24	80.00			Py	3.00	Fine smoky quartz stringers and disseminated pyrite within phyllic alteration halo.	
VT	18.27	18.35	0.08	40.00			Py	10.00	Quartz-carbonate veinlet with hematite pitting, and smoky quartz veinlet hosting massive pyrite at 40 degrees to-core-axis.	
VT	25.81	25.94	0.13				Py	<1	Disseminated and blebby pyrite hosted in smoky quartz veinlets (with quartz-carbonate veinlets). 1 veinlet at 85 degrees, another a 60 degrees to-core-axis (within heavily limonite stained zone).	
VT	26.33	26.64	0.31	70.00		2.00	Py	1.00	2 quartz-carbonate veinlets at 70 degrees to-core-axis. Also, smoky quartz veinlets hosting blebs of pyrite and disseminated pyrite within alteration halo. At least 3 quartz-pyrite stringers, and 2 quartz-carbonate veinlets.	
VT	27.00	27.33	0.33	45.00		6.00			6 white quartz-carbonate veinlets (with fine blue mineral).	
FT	27.40	29.57	2.17						Partly gouge zone.	
FT	29.57	39.11	9.54	70.00		8.00			8 weak to moderately developed fault zones. Most at 65-80 degrees to-core-axis.	
VT	42.90	43.48	0.58						Netted/banded quartz-carbonate and quartz veinlets. White.	
VN	44.43	45.36	0.93			9.00	Py	<1	9 crustiform, white, quartz-carbonate veins and veinlets (3 veins, 5 veinlets). Disseminated pyrite hosted in vein at 45.05m. 55 to 90 degrees to-core-axis.	
VN	44.50	44.53	0.03						Black calcite (minor quartz) vein.	
ST	52.54	60.08	7.54	55.00		8.00			8 white quartz-carbonate stringers. 60, 45, 70 and 55 degrees to-core-axis. Most at approximately 55 degrees to-core-axis.	
VN	54.18	54.33	0.15	55.00		2.00			2 smoky quartz veins hosting blebby pyrite. 1.8cm in width with phyllic alteration. Material between veins is partly gouge.	
VT	57.45	62.67	5.22	60.00		15.00			Smoky and white, chalcedony and quartz-carbonate veins/veinlets. Some veins have crustiform or vuggy texture. Orientated at various orientations (60,70, 80, 55 degrees to-core-axis; 60 degrees dominantly). Most veins host disseminated and/or blebby pyrite. Phyllic alteration around veins. Veinlets/veins 4mm to 1.5mm in size with a larger vein at 159.05m (3.4cm in width).	
VT	56.90	57.58	0.68	20.00		9.00			Quartz and quartz-carbonate stringers and veinlets.	
				45.00						
				60.00						
VN	62.89	63.15	0.26	70.00		1.00	Py	1.00	17cm banded vein with abundant blebby pyrite, and disseminated pyrite 9cm into the hanging wall. Phyllic alteration halo. Bands of dark-blue, smoky and milky quartz with black aphanitic sulphides and blebby pyrite. Some square euhedral pyrite blebs.	
VT	64.40	67.10	2.70	80.00		3.00			3 crustiform quartz-carbonate veinlets (80, 55 degrees to-core-axis).	
VN	69.39	69.46	0.07	70.00			Py	5.00	6cm of banded smoky quartz, chalcedony, blebs of quartz and black aphanitic sulphides. Phyllic alteration halo with disseminated pyrite.	
ST	70.77	78.10	7.33			18.00			Quartz-carbonate stringers at various angles, and two veinlets.	
VN	78.45	78.65	0.20	50.00			Py	3.00	7cm vein and veinlets. Smoky quartz hosting blebs of pyrite and quartz-carbonate. 1cm of brecciation.	
VN	79.19	79.31	0.12	50.00			Py	2.00	1cm vuggy quartz-carbonate and smoky quartz hosting blebs and stringers of pyrite. Zone=10.5cm.	
VT	79.42	86.82	7.40	50.00		11.00	Py	<1	Smokey and milky quartz veinlets hosting disseminated and blebby pyrite. 50-70 degrees to-core-axis.	
				70.00						
VN	84.21	84.31	0.10	50.00		1.00	Py	<1	Smoky (+minimal white quartz) and dark aphanitic sulphides and strings and blebs of pyrite. 4.8cm. Blebs of pyrite on fracture.	
VT	88.14	88.17	0.03	60.00		1.00			5mm quartz carbonate veinlet.	
VT	99.00	99.06	0.06	90.00		2.00			Calcite veinlet. 7-9mm veinlets.	
VT	100.38	101.42	1.04	90.00		3.00			Calcite veinlet. 7-9mm veinlets.	
VT	109.21	109.24	0.03						Quartz and quartz-carbonate veinlets. Haloed by dark-green-blue chlorite and covered with green sericite.	
VT	109.70	109.75	0.05	85.00		1.00			Siliceous zone with 2 smoky quartz veinlets with pervasive semi-massive pyrite at 85 degrees to-core-axis. Disseminated pyrite through siliceous zone.	
VN	112.49	112.64	0.15	40.00		1.00	Py	2.00	Massive, vuggy (almost prismatic) calcite vein. Banded with quartz-carbonate and smoky + milky quartz. Hosts blebby to massive pyrite. Banded veins are together 6cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	113.47	113.61	0.14	90.00			Py	1.00	Blebby pyrite hosted in smoky quartz veinlets. 90 and 70 degrees to-core-axis.	
				70.00						
VN	115.79	115.91	0.12	85.00			Py	45.00	Massive sulphides hosted in milky and smoky quartz. Pyrite, galena, arsenopyrite and chalcopyrite mineralization haloed by phyllic alteration. Halo hosts disseminated and stringers of pyrite.	
							Gn	20.00		
							Cp	3.00		
							As	10.00		
VT	115.91	117.86	1.95	70.00		6.00	Py	1.00	Pyrite and arsenopyrite hosted in quartz veinlets in footwall of main vein. 85, 70, 75 and 60 degrees to-core-axis.	
							As	<1		
VT	119.02	121.16	2.14	80.00		9.00	Py	1.00	Pyrite, arsenopyrite and lesser amounts of galena hosted in smoky quartz veinlets. 60, 80 and 70 degrees to-core-axis (most at 80 degrees).	
							As	<1		
							Gn	<1		
VT	121.97	122.36	0.39	70.00		10.00	Py	<1	Pyrite and arsenopyrite hosted in smoky quartz veinlets with blue colouration around veinlets and phyllic alteration. 70, 75 and 85 degrees to-core-axis. 1mm to 4mm in width.	
							As	<1		
VN	127.20	128.30	1.10	70.00		1.00	Py	<1	Banded/crustiform grey quartz-carbonate and smoky quartz hosting blebs of pyrite. Disseminated pyrite within phyllic alteration halo. Vein is 1.7cm in width. Trace arsenopyrite.	
							As	<1		
VN	132.40	132.62	0.22	40.00		2.00	Py	1.00	Smoky quartz veins hosting blebs of pyrite (2 and 2.5cm in width). Silicification between veins.	
VN	133.00	133.20	0.20	60.00		3.00	Py	<1	Quartz-carbonate and ankerite vein with disseminated pyrite at edges. True width of 3cm. Also, 3 veinlets hosting pyrite at 60 degrees to-core-axis.	
VN	133.55	134.16	0.61	50.00		7.00	Py	1.00	Crustiform and vuggy veins and veinlets. Largest and most mineralized vein is 4cm in width, at 134.02m. Stringers bearing pyrite present. 2 veins and 5 veinlets. Pyrite, sphalerite and galena hosted in smoky quartz. Disseminated pyrite throughout interval.	
							As	<1		
							Ga	<1		
FT	134.16	134.27	0.11	35.00		1.00	Py	<1	Green and dark-grey gouge with aphanitic sulphides and disseminated pyrite.	
FT	136.43	136.77	0.34	10.00		1.00	Py	<1	Partly gouge fault zone with silicification and mineralization (pyrite) at contact with fault. Disseminated pyrite within fault material.	
VN	137.57	137.75	0.18	20.00		1.00	Py	1.00	1.1cm smoky quartz vein hosting blebs of pyrite.	
VN	138.63	138.90	0.27	68.00		1.00	Py	<1	Smoky quartz and quartz-carbonate veins, and dark-fine stringers. Pyrite hosted in smoky quartz. Also, one quartz vein at 10 degrees to-core-axis hosting blebs of pyrite and semi-massive tourmaline.	
VT				10.00		1.00				
VT	140.25	142.25	2.00	65.00		6.00	Py	<1	Pink ankerite veinlet (proximal to bleb of pyrite hosted in granodiorite) and quartz-carbonate veinlets. Pyrite hosted in quartz. Veinlets 65 and 50 degrees to-core-axis.	
VT	143.09	143.77	0.68			11.00	Py	<1	Stringy to slightly netted quartz-carbonate veinlets and blebby quartz hosting disseminated pyrite.	
VT	145.93	148.83	2.90	30.00		3.00			3 quartz veinlets with no mineralization. Weakly crustiform (5mm, 1cm and 1.1cm in widths). 25, 30, and 60 degrees to-core-axis.	
VN	147.06	147.09	0.03	70.00		1.00			Vuggy quartz-carbonate and calcite vein. 1cm in width.	
VN	147.45	148.02	0.57	85.00		2.00	Py	<1	Weakly crustiform quartz and quartz-carbonate vein. Hosting disseminated pyrite and dark-fine-blue mineral. Haloed by silicification and disseminated pyrite. 1.5 and 2cm in width.	
VN	149.34	150.34	1.00	20.00		2.00	Py	3.00	Smoky and milky quartz veins at 20 and 25 degrees to-core-axis. Hosting blebby and disseminated pyrite.	
ST	152.26	152.65	0.39	85.00			Py	<1	Quartz stringers with narrow blue halo and disseminated pyrite.	
VN	154.45	154.51	0.06	60.00		1.00	Py	5.00	3.5cm of banded quartz-carbonate, smoky quartz and fine-blue mineral. Hosts blebby and bands of semi-passive pyrite, and dark aphanitic sulphides. Vein at contact with fault.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	154.45	154.66	0.21			1.00	Py	2.00	Friable and gougy fault material. Disseminated pyrite and dark aphanitic sulphides hosted within fault zone. Heavy chlorite on footwall fracture.	
ST	157.37	157.49	0.12				Py	3.00	Fine, netted quartz stringers with disseminated pyrite.	
VN	160.89	162.38	1.49	80.00		4.00	Py	1.00	5cm to 10cm wide zones of silicification and quartz veins. Stringers/bands, blebby and disseminated pyrite and dark aphanitic sulphides in zones. Large blebs of pyrite hosted in granodiorite (no within veins) at 160.98m. Veins/zones at 70-80 degrees to-core-axis. Smoky quartz dominating with minor milky quartz.	
VT	164.61	164.64	0.03	63.00		1.00	Py	20.00	Pervasive semi-massive pyrite in smoky quartz veinlet. 4mm in width.	
FT	165.07	165.17	0.10	70.00		1.00	Py	1.00	Partly gouge fault zone with disseminated and blebby pyrite, and aphanitic sulphides within gouge.	
VT	166.57	166.60	0.03	75.00		1.00	Py	2.00	Quartz-carbonate veinlets hosting abundant blebby pyrite. Vein is haloed by disseminated pyrite.	
VT	167.10	172.35	5.25	70.00		8.00	Py	<1	Smoky quartz and quartz-carbonate veinlets hosting blebby and disseminated pyrite. 1mm to 7mm in widths.	
VN	174.36	175.78	1.42	90.00		1.00	Py	3.00	Crustiform ankerite, calcite and smoky quartz veins hosting blebby pyrite, sphalerite and disseminated pyrite.	
				70.00		1.00	Sp	<1		
VT	175.90	176.52	0.62	5.00		1.00	Py	1.00	Shallow quartz veinlets at 5 degrees to-core-axis, hosting blebby pyrite.	
VT	176.99	177.01	0.02	80.00		1.00	Py	15.00	Smoky quartz veinlet hosting blebby pyrite.	
VT	179.24	179.41	0.17	85.00		5.00	Py	2.00	Crustiform quartz-carbonate veinlets (+- ankerite) and smoky quartz veinlets hosting blebby to semi-massive pyrite. Disseminated pyrite throughout interval (silicification around quartz veins). 2 quartz-pyrite, 5 quartz-carbonate veinlets.	
VT	179.70	179.79	0.09	34.00		1.00			5mm calcite veinlet surrounded by weak/friable rock (argillic altered).	
VT	181.18	181.45	0.27	57.00		3.00			Netted, weakly crustiform quartz-carbonate veinlets and smoky quartz hosting blebby and disseminated pyrite. Minor epidote at edges and proximal to vein. Disseminated pyrite and stringers throughout interval. 3cm and 2cm of netted texture, 2.3cm of quartz vein.	
FX	184.13	184.34	0.21	30.00		5.00			5 joints within a set, 3mm of white calcite on each fracture. Old veinlets?	
VN	185.62	186.25	0.63	0.00		1.00	Py	1.00	2cm vein of vitreous pink quartz vein hosting minor blebs and disseminated pyrite. Minor epidote proximal/at edge of vein. Essentially horizontal. Trace tourmaline.	
							To	<1		
VN	186.73	187.56	0.83	20.00		2.00	To	2.00	Veins of vitreous pink quartz. Abundant tourmaline and trace pyrite. 1.1cm and 1cm.	
							Py	<1		
VT	188.36	188.39	0.03	60.00		1.00	Py	<<1	Slightly vuggy quartz-carbonate veinlet with trace fine pyrite.	
VN	189.40	189.50	0.10	65.00					Smoky quartz vein hosting blebby to semi-massive pyrite, and crustiform quartz-carbonate veinlets. Trace amounts of arsenopyrite between pyrite blebs. 1.9cm in width.	
VT	190.40	194.26	3.86	80.00		11.00			White quartz-carbonate veinlets, with the larger exhibiting crustiform textures. Generally 75-85 degrees to-core-axis.	
FT	193.70	194.73	1.03	50.00		1.00			Partly gouge fault at 40 degrees to-core-axis, adjacent to smoky quartz vein. Both hosting disseminated and blebby Pyrite. Also, veinlet hosting pyrite at 60 degrees to-core-axis.	
VT	203.29	204.27	0.98	70.00		3.00			Smoky quartz and quartz-carbonate veinlet hosting blebby to disseminated pyrite.	
	204.60	207.25	2.65	30.00		3.00			Vuggy quartz-carbonate veinlets. 2 at 30 degrees to-core-axis, 1 at 10 degrees to-core-axis.	
									EOH	

KLAZA

Hole: DDH-12-86 **Date: July 12, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
16.17	10.1	4.1	368.4	228.6	GRD	MA					2.762744	2.635193	Fresh granodiorite.
25.66	10.5	4.1	366.8	225.3	GRD	MA	PHC	3			2.645955	2.592226	Moderate phyllic altered granodiorite.
44.46	9.8	4.1	363.2	225	GRD	MA	PHC	3			2.807128	2.628075	Moderate phyllic altered granodiorite with smoky calcite vein 1cm)
57.58	9.6	4.1	357.8	223.8	GRD	MA	PHC	4			2.823004	2.670149	Strongly phyllic altered granodiorite with chalcedeony and milky quartz crustiform vein.
61.09	9.4	4.1	343.2	213.8	GRD	MA			He	2	2.765425	2.652241	Fresh granodiorite with weak hematite staining.
73.58	10	4.1	370.9	228.2	FEL	PO					2.809307	2.599159	Hematite stained red-purple quartz-feldspar porphyritic dyke.
84.43	10.1	4.1	378	232.9	GRD	MA					2.834737	2.6051	Fresh granodiorite.
103.02	9.5	4.1	305.6	191.1	GRD	MA					2.436532	2.668996	Fresh granodiorite.
119.59	9.6	4.1	308.4	217.6	GRD	MA	PHC	4	Py	1	2.433243	3.396476	Phyllic altered granodiorite with smoky quartz veinlets hosting galena, arsenopyrite and pyrite.
									As	<1			
									Ga	<1			
127.19	9.3	4.1	302.8	226.5	GRD	MA	PHC	4	Py	<1	2.466126	3.968545	Phyllic altereation around a quartz-carbonate and quartz veinlet hosting pyrite.
133	9.5	4.1	364.9	229.1	GRD	MA	PHC	4	Py	<<1	2.909328	2.68704	Phyllic altered granodiorite with 2 crustiform quartz-carbinate veinlets with trace pyrite.
151	10.4	4.1	390.4	244	GRD	MA	PRO	3			2.843275	2.666667	Propylitic altered granodiorite with quartz eyes.
143.86	9.8	4.1	367.2	228.7	GRD	MA	PHC	4	Py	<1	2.838043	2.651264	Phyllic altered granodiorite with semi-massive tourmaline and trace disseminated pyrite/
183.96	9.7	4.1	367.5	230.3	GRD	MA	PRO	4			2.869644	2.678571	Strongly propylitic altered granodiorite with a couple blebs of pyriteand 2 smoky quartz veinlets. Dark colour.
203.05	9.8	4.1	369.4	230.2	GRD	MA	PHC	3			2.855047	2.653736	Phyllic altered granodiorite with netted quartz-carbonate veinlets.
211.9	10.1	4.1	380.2	236.1	GRD	MA					2.851236	2.638446	Fresh granodiorite with a couple of dark, fine hematite stringers.
													EOH

KLAZA

Hole: DDH-12-86 **Date:** July 15th, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
11.28	13.60	2.32	1.71	73.7	M895519	75-5				Finishing off batch 5 from DDH-12-75
13.60	14.60	1.00	1.00	100	M895520	75-5				
14.60	17.27	2.67	1.50	56.2	M895521	75-5				
17.27	18.72	1.45	1.45	100	M895522	75-5				
18.72	20.42	1.70	1.45	85.3	M895523	75-5				
20.42	21.42	1.00	0.86	86	M895524	75-5				
21.42	22.71	1.29	1.15	89.1	M895525	75-5				
22.71	24.82	2.11	2.00	94.8	M895526	75-5				
24.82	26.28	1.46	1.46	100	M895527	75-5				
26.28	27.40	1.12	1.05	93.8	M895528	75-5				
					M895529	75-5				BLANK
27.40	28.50	1.10	1.06	96.4	M895530	75-5				
28.50	29.52	1.02	0.96	94.1	M895531	75-5				
29.52	31.52	2.00	1.97	98.5	M895532	75-5				
31.52	33.50	1.98	1.98	100	M895533	75-5				
					M895534	75-5				1/4 DUPLICATE
33.50	36.50	3.00	3.00	100	M895535	75-5				
36.50	39.50	3.00	3.00	100	M895536	75-5				
					M895537	75-5				COARSE-REJECT-DUPLICATE
39.50	41.71	2.21	2.21	100	M895538	75-5				
41.71	42.71	1.00	1.00	100	M895539	75-5				
42.71	43.71	1.00	0.95	95	M895540	75-5				
43.71	45.38	1.67	1.65	98.8	M895541	75-5				
45.38	46.99	1.61	1.51	93.8	M895542	75-5				
46.99	48.05	1.06	1.06	100	M895543	75-5				
					M895544	75-5				BLANK
48.05	49.83	1.78	1.71	96.1	M895545	75-5				
49.83	52.80	2.97	2.97	100	M895546	75-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M895547	75-5				STD-KL-3
52.80	55.35	2.55	2.45	96.1	M895548	75-5				
55.35	56.35	1.00	1.00	100	M895549	86-1				
56.35	57.35	1.00	0.98	98	M895550	86-1				
57.35	58.37	1.02	1.02	100	N811001	86-1				Switched tag books
58.37	59.38	1.01	1.00	99	N811002	86-1				
59.38	61.00	1.62	1.62	100	N811003	86-1				
					N811004	86-1				STD-KL-2
61.00	62.13	1.13	1.03	91.2	N811005	86-1				
62.13	63.13	1.00	1.00	100	N811006	86-1				
63.13	65.95	2.82	2.76	97.9	N811007	86-1				
					N811008	86-1				BLANK
65.95	68.71	2.76	2.76	100	N811009	86-1				
68.71	69.71	1.00	1.00	100	N811010	86-1				
69.71	71.00	1.29	1.26	97.7	N811011	86-1				
71.00	74.00	3.00	2.96	98.7	N811012	86-1				
					N811013	86-1				COARSE REJECT DULPICATE
74.00	75.90	1.90	1.90	100	N811014	86-1				
					N811015	86-1				STD-KL-3
75.90	77.39	1.49	1.42	95.3	N811016	86-1				
77.39	78.39	1.00	1.00	100	N811017	86-1				
78.39	79.42	1.03	1.01	98.1	N811018	86-1				
					N811019	86-1				BLANK
79.42	80.67	1.25	1.12	89.6	N811020	86-1				
80.67	82.51	1.84	1.84	100	N811021	86-1				
82.51	83.57	1.06	1.05	99.1	N811022	86-1				
83.57	84.66	1.09	1.06	97.2	N811023	86-1				
84.66	85.66	1.00	1.00	100	N811024	86-1				
85.66	87.00	1.34	1.34	100	N811025	86-1				
					N811026	86-1				1/4 DULPICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
87.00	89.00	2.00	2.00	100	N811027	86-1				
89.00	91.00	2.00	1.94	97	N811028	86-1				
91.00	93.00	2.00	1.91	95.5	N811029	86-1				
93.00	95.00	2.00	1.90	95	N811030	86-1				
95.00	97.00	2.00	1.95	97.5	N811031	86-1				
97.00	99.00	2.00	1.92	96	N811032	86-1				
99.00	100.00	1.00	1.00	100	N811033	86-1				
100.00	102.00	2.00	1.99	99.5	N811034	86-1				
102.00	105.00	3.00	2.70	90	N811035	86-2				
105.00	107.00	2.00	1.85	92.5	N811036	86-2				
107.00	109.09	2.09	2.05	98.1	N811037	86-2				
					N811038	86-2				COARSE REJECT DUPLICATE
109.09	110.09	1.00	0.96	96	N811039	86-2				
110.09	112.44	2.35	2.31	98.3	N811040	86-2				
112.44	113.47	1.03	1.03	100	N811041	86-2				
					N811042	86-2				STD-KL-1
113.47	114.69	1.22	1.22	100	N811043	86-2				
114.69	115.69	1.00	0.99	99	N811044	86-2				
115.69	116.69	1.00	1.00	100	N811045	86-2				
					N811046	86-2				BLANK
116.69	117.90	1.21	1.21	100	N811047	86-2				
117.90	119.34	1.44	1.43	99.3	N811048	86-2				
119.34	120.34	1.00	0.98	98	N811049	86-2				
120.34	121.34	1.00	1.00	100	N811050	86-2				
121.34	122.35	1.01	1.00	99	N811051	86-2				
122.35	123.95	1.60	1.50	93.7	N811052	86-2				
123.95	124.95	1.00	1.00	100	N811053	86-2				
124.95	125.95	1.00	1.00	100	N811054	86-2				
125.95	127.00	1.05	1.05	100	N811055	86-2				
127.00	128.00	1.00	1.00	100	N811056	86-2				
					N811057	86-2				STD-KL-1
128.00	129.73	1.73	1.53	88.4	N811058	86-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
129.73	131.69	1.96	1.95	99.5	N811059	86-2				
131.69	132.69	1.00	1.00	100	N811060	86-2				
132.69	134.28	1.59	1.59	100	N811061	86-2				
					N811062	86-2				BLANK
134.28	135.95	1.67	1.38	82.6	N811063	86-2				
135.95	138.55	2.60	2.60	100	N811064	86-2				
138.55	140.00	1.45	1.45	100	N811065	86-2				
140.00	141.05	1.05	1.05	100	N811066	86-2				
141.05	142.52	1.47	1.46	99.3	N811067	86-2				
					N811068	86-2				1/4 DUPLICATE
142.52	143.85	1.33	1.33	100	N811069	86-2				
143.85	144.85	1.00	1.00	100	N811070	86-2				
144.85	145.92	1.07	1.07	100	N811071	86-3				
145.92	146.94	1.02	1.02	100	N811072	86-3				
146.94	148.59	1.65	1.62	98.2	N811073	86-3				
148.59	150.32	1.73	1.73	100	N811074	86-3				
150.32	152.28	1.96	1.93	98.5	N811075	86-3				
152.28	153.70	1.42	1.42	100	N811076	86-3				
153.70	154.70	1.00	1.00	100	N811077	86-3				
154.70	155.80	1.10	0.95	86.4	N811078	86-3				
155.80	157.40	1.60	1.55	96.9	N811079	86-3				
					N811080	86-3				STD-KL-2
157.40	160.06	2.66	2.60	97.7	N811081	86-3				
160.06	161.06	1.00	1.00	100	N811082	86-3				
161.06	162.06	1.00	1.00	100	N811083	86-3				
162.06	163.08	1.02	1.02	100	N811084	86-3				
					N811085	86-3				BLANK
163.08	164.62	1.54	1.52	98.7	N811086	86-3				
164.62	166.11	1.49	1.48	99.3	N811087	86-3				
166.11	167.19	1.08	1.01	93.5	N811088	86-3				
167.19	168.21	1.02	1.00	98	N811089	86-3				
168.21	169.36	1.15	1.05	91.3	N811090	86-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
169.36	171.24	1.88	1.35	71.8	N811091	86-3				
					N811092	86-3				COARSE REJECT
171.24	172.50	1.26	1.23	97.6	N811093	86-3				
172.50	174.35	1.85	1.85	100	N811094	86-3				
174.35	175.82	1.47	1.47	100	N811095	86-3				
175.82	177.22	1.40	1.40	100	N811096	86-3				
177.22	178.53	1.31	1.20	91.6	N811097	86-3				
					N811098	86-3				STD-KL-2
178.53	179.53	1.00	1.00	100	N811099	86-3				
179.53	180.53	1.00	1.00	100	N811100	86-3				
180.53	181.63	1.10	1.08	98.2	N811101	86-3				
					N811102	86-3				BLANK
181.63	183.65	2.02	2.02	100	N811103	86-3				
					N811104	86-3				1/4 DUPLICATE
183.65	185.31	1.66	1.26	75.9	N811105	86-3				
185.31	186.33	1.02	1.02	100	N811106	86-3				
186.33	187.81	1.48	1.26	85.1	N811107	86-4				Highly broken interval.
187.81	189.03	1.22	1.22	100	N811108	86-4				
189.03	190.06	1.03	1.03	100	N811109	86-4				
					N811110	86-4				BLANK
190.06	191.06	1.00	0.98	98	N811111	86-4				
191.06	192.27	1.21	1.21	100	N811112	86-4				
192.27	193.42	1.15	1.12	97.4	N811113	86-4				
193.42	194.42	1.00	1.00	100	N811114	86-4				
194.42	195.42	1.00	1.00	100	N811115	86-4				
195.42	196.45	1.03	1.01	98.1	N811116	86-4				
196.45	198.45	2.00	1.95	97.5	N811117	86-4				
					N811118	86-4				STD-KL-3
198.45	200.31	1.86	1.86	100	N811119	86-4				
200.31	201.80	1.49	1.47	98.7	N811120	86-4				
201.80	202.80	1.00	1.00	100	N811121	86-4				
202.80	204.30	1.50	1.50	100	N811122	86-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
204.30	205.36	1.06	1.06	100	N811123	86-4				
205.36	208.00	2.64	2.64	100	N811124	86-4				
					N811125	86-4				COARSE REJECT DUPLICATE
208.00	211.00	3.00	2.82	94	N811126	86-4				
211.00	212.45	1.45	1.45	100	N811127	86-4				
										EOH

KLAZA

Hole: DDH-12-86 **Tech Name: Nikki, Gareth, Jamie, Sezgin** **Date: July 12, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	4.57	4.57	-	-	-	-	-	-	-	-	Overburden
4.57	5.18	0.61	2.15	352	0.00	0		4S	2	3W	
5.18	8.23	3.05	2.37	78	0.51	17		2S	1	3W	
8.23	11.28	3.05	2.80	92	0.87	29		3S	2	3W	
11.28	14.33	3.05	2.48	81	0.56	18		2S	2	3W	
14.33	17.37	3.04	2.72	89	0.60	20		3S	2	3W	
17.37	20.42	3.05	2.85	93	0.62	20		3S	2	3W	
20.42	23.47	3.05	2.73	90	0.83	27		1S	1	3W	
23.47	26.52	3.05	2.96	97	0.87	29		3S	2	2W	
26.52	29.57	3.05	2.81	92	0.74	24		0S	1	1W	
29.57	32.61	3.04	3.05	100	0.00	0		1S	1	1W	
32.61	35.66	3.05	3.01	99	0.00	0		2S	1	1W	
35.66	38.71	3.05	3.05	100	0.00	0		2S	1	1W	
38.71	41.76	3.05	3.05	100	0.26	9		2S	1	1W	
41.76	44.81	3.05	2.91	95	0.52	17		2S	2	1W	
44.81	47.85	3.04	3.05	100	1.80	59		3S	2	1W	
47.85	50.90	3.05	2.90	95	1.09	36		3S	2	1W	
50.90	53.95	3.05	3.05	100	1.96	64		4S	2	1W	
53.95	57.00	3.05	3.05	100	1.31	43		2S	2	1W	
57.00	60.05	3.05	3.04	100	2.47	81		3S	2	1W	
60.05	63.09	3.04	2.92	96	2.00	66		3S	2	1W	
63.09	66.14	3.05	3.05	100	2.09	69		3S	2	1W	
66.14	69.19	3.05	3.04	100	2.90	95		3S	2	1W	
69.19	72.24	3.05	3.01	99	2.23	73		3S	2	1W	
72.24	75.29	3.05	3.01	99	2.73	90		3S	2	1W	
75.29	78.33	3.04	3.02	99	0.78	26		2S	1	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.97	97	2.02	66		3S	2	1W	
81.38	84.43	3.05	2.99	98	2.00	66		3S	2	1W	
84.43	87.48	3.05	3.05	100	2.54	83		3S	2	1W	
87.48	90.52	3.04	3.00	99	2.21	73		3S	2	1W	
90.52	93.57	3.05	2.92	96	2.52	83		3S	2	1W	
93.57	96.62	3.05	2.81	92	2.17	71		3S	2	1W	
96.62	99.67	3.05	2.88	94	2.32	76		3S	2	1W	
99.67	102.71	3.04	3.00	99	2.35	77		3S	2	1W	
102.71	105.77	3.06	2.55	83	2.25	74		3S	2	1W	
105.77	108.81	3.04	2.73	90	2.41	79		3S	2	1W	
108.81	111.86	3.05	3.00	98	2.29	75		3S	2	1W	
111.86	114.91	3.05	3.05	100	2.35	77		3S	2	1W	
114.91	117.96	3.05	2.96	97	0.81	27		3S	2	1W	
117.96	121.10	3.14	3.00	96	2.31	74		3S	2	1W	
121.10	124.05	2.95	3.02	102	2.38	81		3S	2	1W	
124.05	127.10	3.05	2.92	96	1.23	40		3S	2	1W	
127.10	130.15	3.05	2.89	95	1.59	52		3S	2	1W	
130.15	133.20	3.05	3.03	99	1.26	41		2S	2	1W	
133.20	136.25	3.05	2.80	92	1.04	34		3S	2	1W	
136.25	139.29	3.04	3.02	99	2.13	70		3S	2	1W	
139.29	142.34	3.05	2.97	97	1.80	59		3S	2	1W	
142.34	145.39	3.05	3.04	100	1.52	50		2S	2	1W	
145.39	148.44	3.05	3.03	99	1.56	51		3S	2	1W	
148.44	151.49	3.05	3.05	100	1.36	45		3S	2	1W	
151.49	154.53	3.04	3.01	99	2.03	67		2S	2	1W	
154.53	157.58	3.05	2.89	95	1.01	33		2S	2	1W	
157.58	160.63	3.05	3.05	100	2.37	78		2S	2	1W	
160.63	163.68	3.05	3.02	99	1.74	57		2S	2	1W	
163.68	166.72	3.04	2.97	98	1.68	55		2S	2	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.72	169.77	3.05	2.84	93	1.24	41		3S	2	1W	
169.77	172.82	3.05	2.93	96	1.59	52		3S	2	1W	
172.82	175.87	3.05	3.00	98	2.91	95		3S	2	1W	
175.87	178.92	3.05	3.00	98	1.53	50		4S	2	2W	
178.92	181.97	3.05	2.90	95	1.24	41		2S	1	2W	
181.97	185.01	3.04	2.87	94	1.34	44		4S	2	2W	
185.01	188.06	3.05	2.85	93	1.10	36		4S	1	2W	
188.06	191.11	3.05	3.04	100	2.05	67		3S	2	2W	
191.11	194.16	3.05	2.84	93	1.60	52		4S	2	2W	
194.16	197.21	3.05	2.99	98	1.43	47		3S	2	2W	
197.21	200.25	3.04	3.00	99	2.01	66		4S	2	2W	
200.25	203.30	3.05	2.98	98	1.33	44		4S	1	2W	
203.30	206.35	3.05	2.99	98	1.98	65		4S	2	1W	
206.35	209.40	3.05	3.02	99	2.22	73		4S	2	1W	
209.40	212.45	3.05	2.95	97	2.10	69		4S	2	1W	EOH

KLAZA

Hole: DDH-12-86 **Name: Nikki, Gareth, Jamie, Sezgin** **Date: July** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	4.57		-	-	-	-	-	-	Overburden
4.57	5.18		-	-	-	-	-	-	Fractured, no joint sets
5.18	8.23		60.00	0.65	0.00	2.00	2R	3W	
8.23	11.28		50.00	0.50	0.00	2.00	2R	2W	
11.28	14.33		60.00	0.30	0.00	1.00	2R	2W	
14.33	17.37		40.00	0.20	0.00	1.00	2R	2W	
17.37	20.42		30.00	0.60	0.00	1.00	2R	2W	
20.42	23.47		50.00	0.30	0.00	1.00	2R	3W	
23.47	26.52		65.00	0.21	0.00	1.00	2R	2W	
26.52	29.57		-	-	-	-	-	-	
29.57	32.61		60.00	0.15	0.00	2.00	3R	1W	
32.61	35.66		70.00	0.20	0.00	2.00	3R	1W	
35.66	38.71		60.00	0.15	2.00	3.00	3R	1W	
38.71	41.76		50.00	0.20	1.00	2.00	2R	1W	
41.76	44.81		70.00	0.20	0.00	2.00	2R	1W	
44.81	47.85		40.00	0.14	0.00	2.00	3R	1W	
47.85	50.90		60.00	0.20	0.00	1.00	2R	1W	
50.90	53.95		55.00	0.30	0.00	1.00	3R	1W	1 joint set at 0.05 spacing
53.95	57.00		45.00	0.15	0.00	1.00	2R	1W	2 sets of .15m spaced joints, spaced 0.50m
57.00	60.05		50.00	0.50	0.00	1.00	2R	1W	
60.05	63.09		45.00	0.25	0.00	1.00	2R	1W	
63.09	66.14		45.00	0.40	0.00	1.00	3R	1W	
66.14	69.19		60.00	0.30	0.00	2.00	3R	1W	
69.19	72.24		85.00	0.30	0.00	1.00	2R	1W	
72.24	75.29		60.00	0.25	0.00	1.00	2R	1W	
75.29	78.33		85.00	0.03	0.00	2.00	2R	1W	Additional joint set:60,0.10,0,1,2R,1W
78.33	81.38		-	-	-	-	-	-	
81.38	84.43		60.00	0.13	0.00	1.00	2R	1W	
84.43	87.48		55.00	0.60	0.00	1.00	2R	1W	

KLAZA

87.48	90.52		50.00	0.30	0.00	2.00	2R	1W	
90.52	93.57		15.00	0.80	0.00	1.00	2R	1W	
93.57	96.62		85.00	0.18	0.00	1.00	2R	1W	
96.62	99.67		90.00	0.30	0.00	2.00	2R	1W	
99.67	102.71		70.00	0.48	0.00	1.00	1R	1W	Additional joint set: 70,0.25,0.1,2R,1W
102.71	105.77		-	-	-	-	-	-	
105.77	108.81		-	-	-	-	-	-	
108.81	111.86		70.00	0.05	0.00	2.00	2R	1W	
111.86	114.91		-	-	-	-	-	-	
114.91	117.96		45.00	0.06	0.00	2.00	2R	1W	Additional joint set:60,0.04,0,2,2R,1W
117.96	121.01		20.00	0.15	0.00	2.00	2R	1W	
121.01	124.05		70.00	0.06	0.00	2.00	2R	1W	
124.05	127.10		85.00	0.32	0.00	2.00	2R	1W	
127.10	130.15		60.00	0.05	0.00	2.00	2R	1W	
130.15	133.20		40.00	0.30	0.00	1.00	3R	1W	Additional joint set: 60,0.15,0,1,2R,1W
133.20	136.25		35.00	0.40	5.00	1.00	2R	1W	
136.25	139.29		50.00	0.30	0.00	1.00	3R	1W	
139.29	142.34		30.00	0.30	0.00	2.00	2R	1W	
142.34	145.39		45.00	0.50	0.00	1.00	3R	1W	
145.39	148.44		60.00	0.20	0.00	1.00	2R	1W	
148.44	151.49		40.00	0.35	0.00	1.00	3R	1W	Additional joint set: 60,0.50,0,1,2R,1W
151.49	154.53		40.00	0.20	0.00	1.00	2R	1W	Additional joint set: 60,0.10,0,1,2R,1W
154.53	157.58		60.00	0.60	0.00	1.00	2R	1W	
157.58	160.63		65.00	0.40	0.00	1.00	3R	1W	Additional joint set:50,1.00,1,1,2R,1W
160.63	163.68		60.00	1.00	0.00	1.00	2R	1W	
163.68	166.72		60.00	0.35	0.00	1.00	2R	1W	
166.72	169.77		45.00	0.30	0.00	1.00	2R	1W	
169.77	172.82		55.00	0.20	0.00	1.00	2R	1W	
172.82	175.87		30.00	1.00	0.00	2.00	2R	1W	Additional joint set:50,0.20,0,1,2R,1W
175.87	178.92		60.00	0.26	0.00	1.00	2R	1W	Additional joint set:45,0.27,0,1,2R,1W
178.92	181.97		60.00	0.07	0.00	2.00	2R	1W	
181.97	185.01		35.00	0.18	0.00	1.00	2R	1W	
185.01	188.06		35.00	1.02	0.00	1.00	3R	1W	
188.06	191.11		52.00	0.37	0.00	1.00	2R	1W	
191.11	194.16		60.00	0.05	0.00	1.00	2R	1W	
194.16	197.21		-	-	-	-	-	-	
197.21	200.25		47.00	1.25	0.00	1.00	2R	1W	
200.25	203.25		-		-	-	-	-	
203.25	206.34		70.00	0.17	0.00	1.00	2R	1W	
206.34	209.40		52.00	0.34	0.00	2.00	2R	1W	

KLAZA

209.40	212.45		35.00	1.44	0.00	1.00	2R	1W	EOH

KLAZA

Hole: DDH-12-86 **Date: July 12, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	OVB	
2.00	OVB	
3.00	OVB	
4.00	OVB	
5.00	OVB	
6.00	0.77	Rubble
7.00	3.11	Rubble
8.00	7.07	
9.00	23.90	
10.00	22.70	
11.00	10.60	
12.00	12.60	
13.00	0.77	
14.00	1.90	
15.00	11.50	
16.00	16.40	
17.00	14.50	
18.00	2.11	
19.00	4.34	
20.00	3.60	
21.00	2.82	
22.00	6.43	
23.00	8.03	
24.00	5.20	
25.00	4.81	
26.00	1.49	
27.00	1.16	
28.00	5.30	
29.00	2.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.98	
31.00	1.98	
32.00	2.11	
33.00	5.94	
34.00	2.13	
35.00	8.05	
36.00	3.79	
37.00	1.74	
38.00	8.56	
39.00	1.25	
40.00	2.23	
41.00	4.40	
42.00	1.33	
43.00	2.62	
44.00	3.87	
45.00	3.03	
46.00	1.18	
47.00	5.58	
48.00	2.21	
49.00	2.50	
50.00	7.95	
51.00	4.12	
52.00	25.60	
53.00	22.70	
54.00	22.70	
55.00	0.55	
56.00	20.70	
57.00	17.50	
58.00	19.60	
59.00	5.61	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.79	
61.00	14.90	
62.00	13.40	
63.00	3.91	
64.00	3.21	
65.00	4.40	
66.00	5.78	
67.00	12.80	
68.00	3.13	
69.00	2.43	
70.00	1.35	
71.00	1.53	
72.00	1.47	
73.00	0.92	
74.00	1.76	
75.00	2.48	
76.00	1.64	
77.00	3.42	
78.00	4.42	
79.00	5.51	
80.00	3.46	
81.00	1.82	
82.00	18.80	
83.00	4.65	
84.00	1.72	
85.00	1.72	
86.00	11.20	
87.00	11.80	
88.00	5.57	
89.00	16.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	17.50	
91.00	19.90	
92.00	10.40	
93.00	5.96	
94.00	10.70	
95.00	9.20	
96.00	1.39	
97.00	2.31	
98.00	6.47	
99.00	3.91	
100.00	8.07	
101.00	7.72	
102.00	7.03	
103.00	11.00	
104.00	11.10	
105.00	10.30	
106.00	4.30	
107.00	9.77	
108.00	9.51	
109.00	8.56	
110.00	2.27	
111.00	23.70	
112.00	24.60	
113.00	24.50	
114.00	18.20	
115.00	24.70	
116.00	3.30	
117.00	10.10	
118.00	19.20	
119.00	18.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	21.00	
121.00	9.28	
122.00	28.20	
123.00	2.13	
124.00	20.40	
125.00	2.93	
126.00	14.70	
127.00	1.10	
128.00	17.60	
129.00	1.94	
130.00	19.20	
131.00	20.80	
132.00	1.92	
133.00	1.84	
134.00	2.41	
135.00	2.52	
136.00	0.90	
137.00	4.83	
138.00	2.27	
139.00	1.23	
140.00	1.14	
141.00	1.57	
142.00	2.41	
143.00	3.87	
144.00	1.35	
145.00	2.02	
146.00	1.47	
147.00	3.71	
148.00	2.29	
149.00	0.55	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.88	
151.00	2.25	
152.00	1.86	
153.00	1.83	
154.00	2.43	
155.00	6.29	
156.00	12.20	
157.00	15.60	
158.00	24.20	
159.00	17.70	
160.00	25.90	
161.00	3.83	
162.00	15.40	
163.00	14.40	
164.00	28.40	
165.00	52.20	
166.00	0.71	
167.00	9.18	
168.00	26.70	
169.00	20.10	
170.00	22.10	
171.00	22.10	
172.00	5.57	
173.00	19.00	
174.00	1.70	
175.00	41.00	
176.00	1.55	
177.00	2.78	
178.00	7.68	
179.00	10.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	4.61	
181.00	7.07	
182.00	3.25	
183.00	4.01	
184.00	21.60	
185.00	5.24	
186.00	3.36	
187.00	4.71	
188.00	3.17	
189.00	5.18	
190.00	1.37	
191.00	4.75	
192.00	3.34	
193.00	5.59	
194.00	3.30	
195.00	2.29	
196.00	4.07	
197.00	13.30	
198.00	20.90	
199.00	16.90	
200.00	13.20	
201.00	5.94	
202.00	12.00	
203.00	4.89	
204.00	8.69	
205.00	9.18	
206.00	18.50	
207.00	14.60	
208.00	14.80	
209.00	18.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	18.40	
211.00	18.50	
212.00	26.70	
EOH		

KLAZA

Hole: **DDH-12-86** **Date: July 12, 2012**

Box #	From (m)	To (m)
1	0.00	8.13
2	8.13	13.60
3	13.60	19.24
4	19.24	24.70
5	24.70	30.29
6	30.29	35.68
7	35.68	41.56
8	41.56	47.03
9	47.03	52.69
10	52.69	58.26
11	58.26	63.79
12	63.79	69.42
13	69.42	75.29
14	75.29	81.09
15	81.09	86.50
16	86.50	92.22
17	92.22	98.02
18	98.02	103.40
19	103.40	109.64
20	109.64	115.45
21	115.45	121.01
22	121.01	125.75
23	125.75	132.15
24	132.15	138.09
25	138.09	143.53
26	143.53	149.20
27	149.20	154.92
28	154.92	160.63
29	160.63	166.28

KLAZA

30	166.28	172.18	
31	172.18	177.62	
32	177.62	183.42	
33	183.42	189.05	
34	189.05	194.44	
35	194.44	199.95	
36	199.95	205.32	
37	205.32	211.17	
38	211.17	212.45	
			EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			381265.88	6890752.4	1224.771	261.82

SECTION:

HOLE: DDH-KL-12-87

CLAIM: YD09209

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 14-20, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden and casing.
4.57	128.24	123.67	GRD	Unaltered granodiorite with patches of propyllitic
				and phyllic vein envelopes.
128.24	181.74	53.50	GRD	Weakly propyllitic granodiorite.
181.74	182.79	1.05	FEL	Quartz feldspar porphyry dyke.
182.79	230.91	48.12	GRD	Strongly phyllic granodiorite; heavily gouged.
230.91	233.10	2.19	GRD	Moderate argillic granodiorite with patchy phyllic.
233.10	234.80	1.70	GRD	Moderate phyllic granodiorite.
234.80	242.55	7.75	FEL	Quartz feldspar porphyry dyke.
242.55	245.02	2.47	GRD	Moderate propyllitic; thick brecciated dyke contact.
245.02	246.41	1.39	GRD	Strongly phyllic granodiorite.
246.41	261.82	15.41	GRD	Moderate propyllitic granodiorite with patchy argillic.
				EOH

SAMPLES

Numbers: N810197-N810251

Total: 55

Batch: 3

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-87 **Logger Name:** **Teresa Cruz** **Date: July 19, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	4.57	4.57					OVB														Casing and overburden
4.57	128.24	123.67				mKgW	GRD	MG	LT	GY	RB	3I		PHC	1I						Unaltered, rubbly, and oxidized granodiorite. Narrow phyllic-propyllitic vein envelopes around crosscutting veins. Oxidation on fracture faces until 32.41m, and pervasive oxidation ends at 28.60m. Crosscut by calcite veins and veinlets.
									MD	BN				PRO	1I						
			26.88	28.35	1.47	mKgW	GRD	MG	LT	GY				PRO	2I	1.00					Weak propyllitic and phyllic alteration around the two mineralized quartz-carbonate veins. Very weakly disseminated pyrite.
									MD	GN				PHC	1I						
			38.29	39.30	1.01	mKgW	GRD	MG	LT	GY				PRO	1I	1.00					Weak propyllitic and phyllic alteration around the two mineralized quartz-carbonate veins. Very weakly disseminated pyrite.
									MD	GN				PHC	1I						
			60.05	63.09	3.04	mKgW	GRD	MG	LT	GY	RB										Recovery is one-third clay and gouge.
									MD	GN											
			78.25	81.77	3.52	mKgW	GRD	MG	LT	PK				PRO	3I			Ca	1.00		Moderate propyllitic with patchy pink potassic, crosscut by calcite veinlets.
									MD	GN				POT	1I						
			92.41	106.77	14.36	mKgW	GRD	MG	LT	GY				PRO	3I						Moderate propyllitic with phyllic vein envelopes and patchy potassic alteration.
									MD	GN				PHC	1I						
														POT	1I						
			108.68	111.56	2.88	mKgW	GRD	MG	LT	GY				PRO	2I						Weak propyllitic with patchy potassic giving pink-orange colouration crosscut by quartz veinlets.
									MD	GN				POT	3I						
			117.96	121.20	3.24	mKgW	GRD	MG	LT	GY				POT	1I						Weak potassic alteration in unaltered granodiorite.
									MD	PK											
128.24	156.15	27.91				mKgW	GRD	MG	LT	GY				PRO	2I						Weak propyllitic granodiorite with very weak patchy potassic. Crosscut by quartz veinlets with phyllic envelopes.
									MD	GN				POT	1I						
			146.73	147.25	0.52		MAF	FG	DK	GN			2I								Dark green-black mafic dyke with quartz phenocrysts and crosscutting quartz vein, introducing weak silicification.
										BK											
156.15	157.60	1.45																			Mossy green and red granodiorite that is finer grained than usual because of intense alteration near the porphyry dyke margin.
157.60	159.52	1.92				mKgW	GRD	FG	MD	GN	BX		3I	PRO	3I						Brecciated granodiorite that has been intensely propyllitic and phyllic by intruding black breccia (with disseminated pyrite and feldspar phenocrysts) and crosscutting calcite veinlets. Heavy oxide and hematite staining led to a mottled red-green colouration. Ends in 30cm of lime green phyllic alteration.
									DK	RD				HEM	3I						
														PHC	3I						
159.52	181.74	22.22				mKgW	GRD	MG	MD	GN			3I	PRO	4I			Ca	1.00		Moderate-intense propyllitic altered granodiorite with phyllic vein envelopes that often overlap to produce stronger or more extensive phyllic. Crosscut by a black breccia with disseminated pyrite at 179.11-179.22m. Patchy pink-red hematite staining. Frequently crosscut by calcite veinlets.
										RD				PHC	2I			He	1.00		
			170.49	170.98	0.49		MAF	MG	DK	GN								Cl	30.00		Dark mafic dyke intruded propyllitic granodiorite increasing the concentration of chlorite and tourmaline.
										BK								To	10.00		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			172.27	174.00	1.73	mKgW	GRD	MG	LT	GN			4I	PRO	3I			Ca	1.00		Intense phyllic and propyllitic granodiorite resulting in a solid light green colour. Textures are partially obscured by strong silica flooding. Crosscut by calcite veinlets.
									MD					PHC	4I						
			179.13	179.25	0.12		MAF	FG	DK	BK	BX					3.00					Black breccia that is gouged and incompetent. Sharply contacts the host phyllic granodiorite. Hosts disseminated pyrite and granodiorite clasts.
									MD	GN	GO										
			180.95	181.05	0.10	LKqP	FEL	FG	LT	GN											8cm thick green quartz feldspar porphyry dyke.
181.74	182.79	1.05				LKqP	FEL	FG	MD	RD											Dark red-maroon fine grained quartz feldspar porphyry dyke with 2mm clay altered phenocrysts of feldspar. Two 6cm thick intrusions of light orange material crosscut the dyke at 182.23-182.31m and 182.66-182.73m. Ends with 7cm of gouge along the contact with granodiorite.
									DK												
182.79	230.91	48.12				mKgW	GRD	MG	LT	GY	GO										Light green, silica flooded, moderately gouged intensely phyllic granodiorite. Crosscut by mineralized quartz veins and calcite veinlets. Patchy red-purple hematite staining.
									MD	GN			2I	PHC	4I	1.00		He	1.00		
																		Ca	3.00		
			188.96	194.63	5.67	mKgW	GRD	MG	LT	GY	GO			PHC	4I	2.00					Phyllic granodiorite is now heavily gouged, with many gouge interval averaging 40 cm long. Granodiorite is also crosscut by many veins and is heavily mineralized. No hematite staining, and patchy propyllitic alteration is common.
									MD	GN				PRO	3I						
			194.63	196.00	1.37	mKgW	GRD	MG	LT	GY	GO			PHC	4I	5.00					High frequency vein zone with many thick mineralized veins.
			196.00	230.91	34.91	mKgW	GRD	MG	LT	GY	GO			PHC	4I	2.00					Phyllic granodiorite is now heavily gouged, with many gouge interval averaging 40 cm long. Granodiorite is also crosscut by many veins and is heavily mineralized. No hematite staining, and patchy propyllitic alteration is common.
									MD	GN				PRO	3I						
230.91	233.10	2.19				mKgW	GRD	MG	LT	GY				ARG	3I						Pink-grey argillic granodiorite with patches of phyllic alteration.
									MD	PK				PHC	2I						
233.10	234.80	1.70				LKqP	FEL	FG	LT	RD											Moderate phyllic granodiorite, crosscut by mineralized quartz veins and veinlets. Interval ends with fractured dyke selvedge along the contact with the quartz feldspar porphyry dyke.
										GY											
234.80	242.55	7.75				mKgW	GRD	MG	LT	RD											Quartz feldspar porphyry dyke is fine-grained and has 1-2mm quartz and feldspar phenocrysts. Feldspar phenocrysts are moderately clay altered. Dyke is grey-red until 237.28m, where it becomes light grey with parallel cracks that have a vein-like appearance. Colour switches back to grey-red at 241.10m.
									MD	GN											
242.55	245.02	2.47				mKgW	GRD	MG	LT	GY				PRO	3I						Intensely brecciated over a long interval. Near the quartz feldspar porphyry dyke and granodiorite contact, clasts of propyllitic granodiorite are commonly seen in the porphyry dyke. At first, the class are very large (4cm) and as depth increases, clasts become smaller. Ends with 28 cm of gouge.
									MD	GN											
245.02	246.41	1.39				mKgW	GRD	MG	LT	GY				PHC	4I						Intense phyllic altered granodiorite with patches of propyllitic. Crosscut by quartz and carbonate veins.
									MD	GN				PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
246.41	261.82	15.41				mKgW	GRD	MG	LT	GY				PRO	3I						Moderate propyllitic granodiorite with phyllic vein envelopes on crosscutting quartz-carbonate veinlets. Some phyllic envelopes overlap, producing long phyllic intervals. Patchy argillic.
									MD	GN				PHC	2I						
														ARG	2I						
			250.45	259.39	8.94	mKgW	GRD	MG	LT	GY				PHC	3I	1.00					Long phyllic interval due to overlapping phyllic envelopes.
										GN											
																					EOH

KLAZA

Hole: DDH-KL-12-87 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
181.74		Undulatory sharp 60 degree contact between propyllitic granodiorite (Hanging Wall) and quartz feldspar porphyry dyke (Foot Wall), with a 1.0cm chill margin with flow banding on the foot wall.
182.79		Sharp, gouged 50 degree contact between quartz feldspar porphry dyke (HW) and propyllitic granodiorite (FW).
234.80		Blended 80 degree contact between phyllic granodiorite (HW) and quartz feldspar porphyry dyke (FW). The FW is heavily gouged and rubbly.
242.55		Intensely brecciated, long, blended contact between porphyry dyke (HW) and granodiorite (FW).
		EOH

KLAZA

Hole: DDH-KL-12-87 **Logger Name:** Teresa Cruz **Date:** July 19, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	13.31	13.41	20.00					Calcite vein with weakly oxide-stained black edges.	
GO	14.52	14.70	45.00					Moderately gouged and oxide-stained unaltered granodiorite.	
VN	15.96	16.01	45.00			Ca	40.00	White massive calcite and banded quartz vein, heavily orange oxide-stained.	
VN	19.97	20.01	50.00					White calcite vein with oxide-stained edges.	
VT	24.65	25.07	50.00		5.00			Orange calcite veinlets.	
VT	26.19	26.20	70.00			Py	1.00	White calcite veinlet with weakly disseminated pyrite.	
VN	26.99	27.16	60.00		2.00	Ca	10.00	Pink-orange chalcedony vein with interstitial calcite.	
VN	27.43	27.46	60.00			Ca	20.00	Smoky quartz vein intruded into white quartz-calcite vein. The resulting breccia is host to very poorly sorted clasts of the lighter vein.	
VN	28.28	28.31	70.00			Ca	10.00	White banded quartz-calcite vein with central smoky quartz veinlet.	
DY	34.22	34.26	80.00			Ca	5.00	Mafic porphyry dyke: medium grey-green, fine-grained with interstitial calcite.	
VN	38.41	39.04	60.00		2.00			White vuggy calcite veins.	
VN	38.68	38.93	45.00		2.00	Ca	30.00	Two thick white massive-weakly banded quartz veins with white calcite veins on each border.	
VT	42.80	42.81	50.00					White quartz veinlet with 1cm phyllic envelope.	
VT	45.55	45.65	60.00		3.00	Ca	5.00	White quartz-carbonate veinlets with 1cm phyllic envelopes.	
VN	46.47	46.52	70.00					Vuggy, banded calcite vein with intense oxide staining.	
VT	46.52	47.29	45.00		8.00			White calcite veinlets.	
GO	54.85	55.16	50.00					Intensely gouged unaltered granodiorite.	
VT	82.42	86.59	60.00		7.00			White massive quartz veinlets with phyllic envelopes.	
VN	96.57	96.62	70.00			Ca	5.00	White vuggy quartz with partially-filled by calcite.	
VN	97.97	98.00	50.00			Ca	3.00	White vuggy quartz with partially-filled by calcite.	
VT	101.10	101.11	70.00			Ca	10.00	White comb quartz vein with interstitial calcite.	
VN	105.58	105.61	80.00					White-pink chalcedony vein.	
VT	108.86	108.87	60.00					White-pink chalcedony vein.	
VT	112.57	112.58	90.00					White-milky weakly crustiform quartz veinlet.	
VT	113.10	113.15	80.00		3.00			White vuggy quartz veinlets.	
VN	114.44	114.46	30.00					Rubbly pieces of a white massive quartz vein.	
VN	117.85	117.90	45.00			He	1.00	Moderately clay altered white massive quartz vein with central purple-red hematite veinlet.	
VN	146.61	146.63	90.00			Ca	40.00	1.5cm thick vein of thin alternating quartz-calcite bands, with weak hematite staining.	
						He	1.00		
VN	147.01	147.03	50.00					White massive calcite veinlets with vugs.	
VT	147.48	155.51	60.00		23.00			White massive calcite veinlets.	
GO	150.62	150.70	40.00					Green gouge in weakly phyllic granodiorite near a thick quartz carbonate vein.	
VN	150.70	150.78	40.00			Ca	40.00	White quartz-calcite vein with moderate pink-purple hematite staining.	
						He	2.00		
VN	151.03	151.08	45.00			Ca	10.00	White massive quartz vein with calcite in cracks and interstitial spaces. Weak purple hematite staining.	
VT	158.50	158.51	85.00			Ca	20.00	Chalcedony veinlet with interstitial calcite.	
VT	159.72	159.76	70.00		2.00	Ca	5.00	White chalcedony veinlets with interstitial calcite and purple-red hematite staining.	
						He	2.00		
GO	160.34	160.45	40.00			He	5.00	Strongly gouged propyllitic and hematite stained granodiorite.	
VT	162.12	162.13	50.00			Ca	2.00	Bright green massive epidote veinlet with calcite-filled cracks.	
VT	165.41	165.42	80.00			He	1.00	White-cream quartz in alternating bands, with weak hematite staining.	
VN	173.38	173.40	50.00					Grey-green translucent massive quartz vein with weakly gouged uphole border.	
VN	177.37	177.41	70.00			Ca	20.00	White weakly crustiform quartz with interstitial calcite.	
GO	177.45	177.51	60.00					Gouged phyllic granodiorite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
DY	178.06	178.18	80.00			Py	2.00	Thick smoky quartz vein with brecciated clasts of host granodiorite in grain-to-grain contact. Smoky quartz hosts disseminated pyrite.	
VN	180.92	180.98	50.00			Cb	30.00	Alternating bands of quartz-carbonate veinlets with red-purple hematite stringers.	
						He	1.00		
VT	181.31	181.71	60.00		3.00	He	20.00	Three calcite veinlets with several hematite veinlets.	
GO	182.78	182.86	70.00					Clay gouged phyllic granodiorite at the downhole dyke selvedge.	
VN	183.42	184.33	60.00		3.00			White-off white quartz veins with indistinct borders.	
GO	183.75	183.84	70.00					Gouged phyllic granodiorite with weak purple hematite staining.	
GO	184.91	185.08	30.00					Weakly-moderately gouged phyllic granodiorite.	
VN	186.33	186.36	60.00					White-green massive quartz vein.	
VN	186.61	186.70	45.00			Py	1.00	6cm thick massive quartz vein with weak-moderate red hematite staining. Bordered by smoky quartz veinlets hosting disseminated pyrite.	
						He	5.00		
VN	186.94	187.06	35.00					White massive quartz vein with gouged downhole border.	
GO	213.78	214.18	60.00			Py	1.00	Strongly gouged granodiorite with disseminated pyrite.	
GO	214.62	214.71	60.00			Py	1.00	Moderately gouged granodiorite with disseminated pyrite.	
VN	215.42	215.49	50.00			Py	1.00	Moderately gouged quartz vein with disseminated pyrite.	
VN	215.90	216.04	50.00			Py	7.00	Alternating bands of white, grey, and smoky quartz with crosscutting ankerite veinlets and large weathered biotite crystals. Quartz hosts disseminated-blebby and disseminated galena.	
						Ga	1.00		
						Ak	6.00		
						Bi	3.00		
VN	216.70	216.98	70.00		4.00	Py	10.00	Smoky-grey quartz veins with weak clay alteration, hosting blebby galena and disseminated-massive pyrite.	
						Ga	3.00		
GO	217.45	218.03	45.00			Py	1.00	Strongly gouged granodiorite with mineralized quartz veins.	
VT	218.03	218.06	60.00			Py	2.00	Smoky quartz veinlet with discontinuous ankerite veinlet border, hosting disseminated pyrite.	
						Ak	15.00		
VN	219.71	219.75	70.00			Py	6.00	White massive quartz vein with disseminated-blebby pyrite and ankerite veinlets.	
						Ak	15.00		
VN	220.26	220.29	80.00					White weakly crustiform quartz vein.	
GO	220.65	221.95	70.00			Py	1.00	Intensely gouged phyllic granodiorite with mineralized quartz veinlets.	
VN	222.74	222.91	50.00					White-grey crackled-massive quartz vein.	
GO	222.91	223.64	90.00			Py	1.00	Moderate-strongly gouged granodiorite with mineralized quartz veins.	
GO	224.62	225.65	70.00			Py	1.00	Moderately gouged granodiorite with mineralized quartz veins.	
VN	226.48	226.60	90.00			Py	3.00	Smoky quartz vein with disseminated pyrite and two crosscutting milky quartz veinlets.	
VN	226.60	226.65	30.00			Py	10.00	Smoky quartz vein with weak clay alteration, hosting disseminated pyrite.	
VN	229.65	229.67	70.00			Py	15.00	White-smoky massive quartz vein. Disseminated pyrite in smoky quartz.	
VN	229.74	229.76	70.00			Py	2.00	Creamy massive ankerite vein with disseminated pyrite along its downhole border.	
VN	230.19	230.26	45.00			Py	4.00	Alternating bands of white-grey quartz with borders of intruding creamy ankerite. Vein is offset 0.2m on a dextral microfault. Downhole border is moderately gouged.	
						Ak	6.00		
VT	231.55	232.11	60.00		3.00	Py	2.00	White chalcedony veinlets with disseminated pyrite and red-purple hematite staining.	
						He	1.00		
VT	233.56	233.58	40.00			Py	1.00	White-smoky clay altered quartz vein with disseminated pyrite.	
GO	234.82	234.93	90.00			Py	1.00	Gouged quartz feldspar porphyry dyke near unmineralized dyke selvedge.	
GO	244.75	245.02	70.00					Moderate-strongly gouged quartz feldspar porphyry dyke and phyllic granodiorite breccia zone.	
VT	245.30	245.48	90.00		2.00			Weakly crustiform off-white quartz veinlets.	
VN	251.86	252.22	30.00					Milky-white weakly crustiform quartz vein, no mineralization.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	254.18	254.72	20.00					Long gouged white clay altered quartz vein with red-stained quartz vein next to it.	
VN	255.73	255.76	60.00			Py	5.00	White-smoky quartz vein with blended, indistinct edges. Hosts disseminated pyrite.	
VN	255.81	256.01	80.00			Py	4.00	Complex, thick quartz vein. Alternating veinlets of milky, smoky, and white translucent quartz. Milky quartz weakly brecciates other colours of quartz. White calcite veinlets between quartz veinlets and in cracks.	
						Ca	6.00		
VN	256.16	256.27	60.00			Py	2.00	Moderately gouged and clay altered smoky quartz veinlets hosting disseminated pyrite.	
VN	256.42	256.44	60.00			Py	5.00	White, poorly defined massive quartz vein with blebs of fine-grained pyrite.	
VN	256.63	256.83	60.00		2.00	Py	1.00	Two thick smoky quartz veins with indistinct borders that bleed into host granodiorite. Weakly clay altered with disseminated pyrite.	
VN	257.04	257.11	60.00			Py	6.00	Grey massive quartz vein with disseminated pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	257.08	257.17	80.00		2.00			Vuggy-weakly banded off white calcite vein.	
VN	257.40	257.47	30.00			Py	3.00	Thick vein of alternating 0.7cm veinlets of white, grey, and milky quartz. A secondary vuggy calcite vein has formed between two quartz veins, quartz hosts disseminated pyrite.	
VT	257.77	257.80	60.00		3.00	Py	1.00	Three off-white quartz veinlets hosting disseminated pyrite.	
VN	258.18	258.29	70.00		2.00			Two white vuggy quartz veins.	
VT	258.86	259.03	60.00		16.00	Py	1.00	White translucent quartz veinlets with dense red hematite staining.	
						He	10.00		
VT	259.97	260.01	40.00		2.00	He	15.00	White calcite veinlets stained red by hematite.	
VT	260.65	260.66	80.00			Py	4.00	White crustiform quartz veinlet with blebby galena and disseminated pyrite.	
						Ga	2.00		
VT	261.53	261.54	45.00					White calcite veinlet with potassic vein envelope.	
								EOH	

KLAZA

Hole: DDH-KL-12-87 **Date: July 19, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
146.69	9.8	4.1	370.3	236.4	MAF						2.862003	2.765497	Mafic dyke, fine-grained.
157.28	9.8	4.1	413.3	280.6	MAF						3.194344	3.114544	Altered mafic dyke.
169.53	9.8	4.1	359.9	226.1	GRD				Bi	10	2.781622	2.689836	Unaltered granodiorite with biotite.
231.35	9.9	4.1	369	233.4	GRD		ARG	3I			2.823148	2.721239	Moderate argillic granodiorite with weak propyllitic overprint.
							PRO	1I					
239.77	10.5	4.1	397.6	245.5	FEL						2.868134	2.61407	Quartz feldspar porphyry dyke.
													EOH

KLAZA

Hole: DDH-KL-12-87 **Date: July 19, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
155.51	157.58	2.07	1.95	94	N810197	87-1				KL-12-87 Box 28 Start
157.58	159.05	1.47	1.43	97	N810198	87-1				
159.05	160.63	1.58	1.58	100	N810199	87-1				
160.63	163.54	2.91	1.63	56	N810200	87-1				Poor drill recovery
163.54	166.07	2.53	2.40	95	N810201	87-1				
					N810202	87-1				Klaza STD-3
166.07	169.06	2.99	2.83	95	N810203	87-1				
169.06	170.80	1.74	1.64	94	N810204	87-1				
170.80	172.15	1.35	1.22	90	N810205	87-1				
					N810206	87-1				Coarse reject duplicate
172.15	174.00	1.85	1.85	100	N810207	87-1				
174.00	176.88	2.88	2.72	94	N810208	87-1				
176.88	177.89	1.01	0.96	95	N810209	87-1				Minor gouge
177.89	179.07	1.18	1.17	99	N810210	87-1				
179.07	180.09	1.02	1.01	99	N810211	87-1				
					N810212	87-1				Blank
180.09	181.72	1.63	1.46	90	N810213	87-1				
181.72	182.77	1.05	1.05	100	N810214	87-1				
182.77	185.06	2.29	2.06	90	N810215	87-1				
185.06	188.00	2.94	2.82	96	N810216	87-1				
188.00	190.62	2.62	2.53	97	N810217	87-1				
190.62	192.50	1.88	1.88	100	N810218	87-1				
192.50	194.50	2.00	2.00	100	N810219	87-2				
194.50	196.00	1.50	1.47	98	N810220	87-2				
196.00	197.90	1.90	1.88	99	N810221	87-2				
					N810222	87-2				Klaza STD-2
197.90	200.25	2.35	2.35	100	N810223	87-2				
200.25	201.43	1.18	1.18	100	N810224	87-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
201.43	202.71	1.28	1.21	95	N810225	87-2				
202.71	203.99	1.28	1.11	87	N810226	87-2				
203.99	205.15	1.16	1.00	86	N810227	87-2				
					N810228	87-2				Blank
205.15	206.68	1.53	1.00	65	N810229	87-2				
206.68	208.76	2.08	2.08	100	N810230	87-2				
208.76	210.59	1.83	1.79	98	N810231	87-2				
210.59	212.45	1.86	1.86	100	N810232	87-2				
212.45	214.76	2.31	2.30	100	N810233	87-2				
214.76	215.88	1.12	1.12	100	N810234	87-2				
215.88	217.13	1.25	1.22	98	N810235	87-2				
					N810236	87-2				Blank
217.13	218.89	1.76	1.76	100	N810237	87-2				
218.89	220.66	1.77	1.77	100	N810238	87-2				
220.66	221.95	1.29	1.28	99	N810239	87-2				
221.95	224.64	2.69	2.33	87	N810240	87-2				
224.64	226.07	1.43	1.43	100	N810241	87-2				
226.07	227.33	1.26	1.26	100	N810242	87-2				
227.33	229.08	1.75	1.72	98	N810243	87-2				
229.08	230.77	1.69	1.59	94	N810244	87-2				
230.77	231.91	1.14	1.14	100	N810245	87-2				
					N810246	87-2				Duplicate
231.91	234.80	2.89	2.81	97	N810247	87-2				
234.80	236.83	2.03	1.66	82	N810248	87-2				
236.83	239.76	2.93	2.77	95	N810249	87-2				
					N810250	87-2				Klaza STD-3
239.76	241.53	1.77	1.65	93	N810251	87-2				
					N810252	87-2				Coarse reject duplicate
241.53	245.02	3.49	2.48	71	N810253	87-2				
245.02	246.38	1.36	1.36	100	N810254	87-2				
246.38	249.02	2.64	2.46	93	N810255	87-3				
					N810256	87-3				Klaza STD-2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
249.02	250.38	1.36	1.36	100	N810257	87-3				
250.38	252.32	1.94	1.69	87	N810258	87-3				
					N810259	87-3				Blank
252.32	254.22	1.90	1.88	99	N810260	87-3				
					N810261	87-3				Coarse reject duplicate
254.22	255.52	1.30	1.30	100	N810262	87-3				
255.52	257.83	2.31	2.31	100	N810263	87-3				
257.83	259.40	1.57	1.52	97	N810264	87-3				
259.40	260.83	1.43	1.40	98	N810265	87-3				
260.83	261.82	0.99	0.99	100	N810266	87-3				EOH

KLAZA

Hole: DDH-KL-12-87 **Tech Name:Jamie Godfrey** **Date:July 17, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	4.57	4.57	0.00	0	-	-	-	-	-	-	
4.57	5.18	0.61	0.25	41	0.00	0		1	0S	4W	
5.18	8.23	3.05	1.37	45	0.11	4		1	0S	4W	
8.23	11.28	3.05	2.29	75	0.18	6		1	1S	4W	
11.28	14.33	3.05	2.35	77	0.58	19		2	3S	3W	
14.33	17.37	3.04	2.73	90	0.39	13		1	3S	3W	
17.37	20.42	3.05	2.68	88	0.28	9		2	3S	3W	
20.42	23.47	3.05	2.92	96	0.61	20		2	3S	2W	
23.47	26.52	3.05	2.66	87	1.06	35		2	4S	2W	
26.52	29.57	3.05	2.88	95	1.95	64		2	3S	2W	
29.57	32.61	3.04	2.81	92	1.35	44		2	3S	2W	
32.61	35.66	3.05	2.88	94	1.40	46		2	4S	2W	
35.66	38.71	3.05	2.71	89	1.77	58		2	4S	2W	
38.71	41.76	3.05	2.88	94	1.79	59		2	4S	2W	
41.76	44.81	3.05	2.96	97	1.94	64		2	4S	2W	
44.81	47.85	3.04	2.90	95	1.54	51		2	3S	2W	
47.85	50.90	3.05	2.99	98	0.64	21		2	4S	1W	
50.90	53.95	3.05	3.05	100	0.77	25		2	3S	1W	
53.95	57.00	3.05	2.60	85	0.20	7		2	3S	1W	
57.00	60.05	3.05	2.98	98	0.59	19		2	4S	1W	
60.05	63.09	3.04	2.30	76	0.00	0		1	2S	4W	
63.09	66.14	3.05	2.70	89	0.00	0		1	2S	4W	
66.14	69.19	3.05	2.10	69	0.25	8		2	4S	2W	
69.19	72.24	3.05	2.40	79	0.00	0		2	3S	1W	
72.24	75.29	3.05	2.70	89	0.28	9		2	4S	1W	
75.29	78.33	3.04	2.38	78	0.67	22		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.32	76	0.50	16		2	3S	1W	
81.38	84.43	3.05	3.05	100	1.93	63		2	3S	1W	
84.43	87.48	3.05	2.90	95	0.36	12		2	3S	1W	
87.48	90.53	3.05	2.77	91	1.45	48		2	3S	1W	
90.53	93.57	3.04	2.71	89	1.82	60		2	3S	1W	
93.57	96.62	3.05	2.60	85	1.11	36		2	3S	1W	
96.62	99.67	3.05	1.92	63	0.65	21		2	3S	1W	
99.67	102.72	3.05	3.05	100	1.70	56		2	3S	1W	
102.72	105.77	3.05	2.66	87	1.06	35		2	3S	1W	
105.77	108.81	3.04	2.38	78	0.81	27		1	1S	1W	
108.81	111.86	3.05	3.05	100	1.32	43		2	3S	1W	
111.86	114.91	3.05	2.62	86	0.80	26		2	2S	1W	
114.91	117.96	3.05	3.05	100	1.06	35		2	2S	1W	
117.96	121.00	3.05	2.88	94	2.34	77		2	3S	1W	
121.00	124.05	3.05	2.98	98	2.42	79		2	3S	1W	
124.05	127.10	3.05	2.94	96	2.12	70		2	4S	1W	
127.10	130.15	3.05	2.92	96	2.05	67		2	3S	1W	
130.15	133.20	3.05	2.86	94	0.74	24		2	4S	1W	
133.20	136.24	3.05	2.72	89	1.37	45		2	3S	1W	
136.24	139.29	3.05	1.39	46	0.44	14		2	4S	1W	
139.29	142.34	3.05	1.60	52	0.92	30		2	3S	1W	
142.34	145.39	3.05	2.65	87	1.22	40		2	3S	1W	
145.39	148.44	3.05	2.90	95	1.91	63		2	3S	1W	
148.44	151.49	3.05	2.86	94	0.83	27		2	3S	1W	
151.49	154.53	3.04	2.71	89	1.03	34		2	3S	1W	
154.53	157.58	3.05	2.82	92	0.81	27		2	3S	2W	
157.58	160.63	3.05	2.97	97	0.96	31		2	3S	2W	
160.63	163.68	3.05	2.67	88	1.24	41		2	3S	1W	
163.68	166.73	3.05	2.69	88	0.91	30		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.85	94	2.44	80		2	3S	2W	
169.77	172.82	3.05	2.81	92	1.01	33		2	3S	1W	
172.82	175.87	3.05	2.74	90	1.39	46		2	3S	1W	
175.87	178.92	3.05	2.95	97	1.65	54		2	3S	1W	
178.92	181.97	3.05	2.77	91	1.90	62		2	3S	1W	
181.97	185.01	3.04	2.74	90	0.84	28		1	3S	1W	
185.01	188.06	3.05	2.73	89	0.57	19		1	3S	1W	
188.06	191.11	3.05	3.05	100	0.68	22		2	3S	3W	
191.11	194.16	3.05	3.02	99	0.90	30		2	2S	2W	
194.16	197.21	3.05	3.02	99	1.35	44		2	3S	1W	
197.21	200.26	3.05	3.04	100	2.12	70		2	2S	1W	
200.26	203.30	3.05	2.79	92	1.04	34		1	2S	4W	
203.30	206.35	3.05	2.78	91	0.20	7		1	2S	4W	
206.35	209.40	3.05	2.97	97	1.13	37		1	1S	4W	
209.40	212.45	3.05	3.05	100	1.54	50		2	2S	2W	
212.45	215.49	3.04	3.04	100	0.95	31		1	1S	4W	
215.49	218.54	3.05	3.01	99	1.10	36		1	2S	3W	
218.54	221.59	3.05	2.93	96	0.92	30		1	1S	4W	
221.59	224.64	3.05	2.61	86	1.12	37		1	0S	4W	
224.64	227.69	3.05	3.05	100	2.13	70		2	2S	3W	
227.69	230.73	3.04	2.98	98	1.56	51		2	3S	1W	
230.73	233.78	3.05	2.94	96	1.63	53		2	3S	1W	
233.78	236.83	3.05	2.65	87	0.88	29		1	2S	3W	
236.83	239.88	3.05	2.95	97	1.30	43		2	3S	2W	
239.88	242.93	3.05	2.89	95	1.28	42		2	3S	2W	
242.93	245.97	3.04	3.05	100	1.50	49		1	1S	1W	
245.97	249.02	3.05	2.82	92	1.26	41		2	3S	1W	
249.02	252.07	3.05	3.05	100	1.54	50		2	3S	1W	
252.07	255.12	3.05	3.05	100	1.72	56		1	3S	3W	
255.12	258.17	3.05	3.05	100	1.70	56		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3.02	99	1.74	57		1	3S	2W	
261.21	261.82	0.61	0.61	100	0.57	93		2	3S	1W	EOH

KLAZA

Hole: DDH-KL-12-87 **Tech Name:** JAMIE GODFREY **Date:** JUL **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	4.57		-	-	-	-	-	-	
4.57	5.18		-	-	-	-	-	-	rubble
5.18	8.23		-	-	-	-	-	-	rubbly
8.23	11.28		50.00	0.10	0.00	1.00	2R	3W	
11.28	14.33		60.00	0.20	0.00	1.00	2R	3W	Additional joint sets:45,0.50,0,1,2R,3W
14.33	17.37		45.00	0.20	0.00	1.00	2R	3W	
17.37	20.42		60.00	0.30	0.00	1.00	2R	3W	Additional joint sets: 40,0.35,0,1,2R,3W
20.42	23.47		50.00	0.25	0.00	1.00	2R	2W	
23.47	26.52		45.00	0.20	0.00	1.00	2R	2W	
26.52	29.57		60.00	0.30	0.00	1.00	2R	2W	
29.57	32.61		40.00	0.15	0.00	1.00	2R	2W	
32.61	35.66		50.00	0.30	0.00	1.00	2R	2W	
35.66	38.71		65.00	0.35	0.00	1.00	2R	2W	Additional joint sets: 45,0.20,0,2,2R,2W
38.71	41.76		60.00	0.25	0.00	2.00	2R	2W	
41.76	44.81		65.00	0.15	0.00	1.00	2R	2W	Additional joint sets: 45,0.40,0,1,2R,2W
44.81	47.85		45.00	0.25	0.00	1.00	2R	2W	Additional joint sets: 60,0.30,0,1,2R,2W
47.85	50.90		45.00	0.20	0.00	1.00	2R	1W	Additional joint sets: 60,0.40,0,1,2R,1W
50.90	53.95		-	-	-	-	-	-	Rubble
53.95	57.00		-	-	-	-	-	-	
57.00	60.05		50.00	0.45	0.00	2.00	2R	1W	
60.05	63.09		-	-	-	-	-	-	Rubble
63.09	66.14		50.00	0.10	5.00	1.00	3R	1W	
66.14	69.19		40.00	0.10	0.00	2.00	3R	2W	
69.19	72.24		-	-	-	-	-	-	
72.24	75.29		45.00	0.70	2.00	2.00	3R	1W	
75.29	78.33		30.00	0.25	3.00	2.00	3R	1W	
78.33	81.38		35.00	0.30	0.00	2.00	3R	1W	
81.38	84.43		40.00	0.15	1.00	2.00	3R	1W	
84.43	87.48		60.00	0.40	0.00	2.00	3R	1W	Additional joint sets: 40,0.20,0,1,3R,1W
87.48	90.53		40.00	0.20	2.00	1.00	3R	1W	
90.53	93.57		50.00	0.25	0.00	2.00	3R	1W	
93.57	96.62		40.00	0.25	0.00	2.00	3R	1W	

KLAZA

96.62	99.67		50.00	0.25	2.00	1.00	2R	1W	
99.67	102.72		60.00	0.10	0.00	1.00	3R	1W	
102.72	105.77		60.00	0.20	0.00	2.00	3R	1W	
105.77	108.81		-	-	-	-	-	-	Rubble
108.81	111.86		45.00	0.20	1.00	2.00	2R	1W	
111.86	114.91		65.00	0.15	0.00	1.00	3R	1W	Additional joint sets: 45,0.15,0,2,2R,1W
114.91	117.96		45.00	0.20	1.00	2.00	3R	1W	
117.96	121.00		50.00	0.40	0.00	2.00	2R	1W	
121.00	124.05		45.00	0.45	0.00	2.00	3R	1W	
124.05	127.10		45.00	0.40	0.00	2.00	2R	1W	
127.10	130.15		50.00	0.30	0.00	2.00	2R	1W	
130.15	133.20		50.00	0.30	0.00	2.00	2R	1W	
133.20	136.24		50.00	0.15	0.00	2.00	2R	1W	
136.24	139.29		60.00	0.20	0.00	2.00	2R	1W	
139.29	142.34		60.00	0.15	0.00	2.00	2R	1W	
142.34	145.39		50.00	0.30	0.00	2.00	2R	1W	
145.39	148.44		70.00	1.00	0.00	2.00	3R	1W	
148.44	151.49		-	-	-	-	-	-	
151.49	154.53		45.00	0.20	0.00	2.00	2R	1W	
154.53	157.58		70.00	0.25	0.00	2.00	2R	2W	
157.58	160.63		50.00	0.20	0.00	2.00	2R	2W	
160.63	163.68		70.00	0.30	0.00	2.00	3R	1W	
163.68	166.73		45.00	0.40	0.00	2.00	3R	1W	
166.73	169.77		65.00	0.45	0.00	2.00	3R	1W	
169.77	172.82		45.00	0.15	0.00	2.00	2R	1W	
172.82	175.87		45.00	0.50	0.00	2.00	2R	1W	
175.87	178.92		60.00	0.20	0.00	2.00	2R	1W	
178.92	181.97		60.00	0.30	0.00	2.00	2R	1W	
181.97	185.01		50.00	0.30	1.00	1.00	2R	1W	
185.01	188.06		30.00	0.15	2.00	2.00	2R	1W	
188.06	191.11		50.00	0.20	10.00	2.00	3R	1W	
191.11	194.16		70.00	0.20	0.00	2.00	3R	2W	
194.16	197.21		50.00	0.10	8.00	2.00	3R	2W	
197.21	200.26		-	-	-	-	-	-	
200.26	203.30		50.00	0.30	5.00	2.00	3R	3W	
203.30	206.35		-	-	-	-	-	-	
206.35	209.40		65.00	0.15	12.00	2.00	3R	4W	
209.40	212.45		60.00	0.15	15.00	2.00	3R	3W	
212.45	215.49		60.00	0.35	12.00	2.00	3R	4W	
215.49	218.54		60.00	0.15	10.00	2.00	3R	3W	
218.54	221.59		55.00	0.20	6.00	2.00	3R	3W	
221.59	224.64		-	-	-	-	-	-	

KLAZA

224.64	227.69		60.00	0.20	4.00	2.00	3R	2W	
227.69	230.73		50.00	0.30	3.00	2.00	3R	2W	
230.73	233.78		40.00	0.20	1.00	2.00	3R	1W	
233.78	236.83		40.00	0.10	8.00	2.00	3R	1W	
236.83	239.88		50.00	0.10	0.00	2.00	3R	1W	
239.88	242.93		45.00	0.25	0.00	2.00	3R	2W	
242.93	245.97		50.00	0.25	7.00	2.00	3R	2W	
245.97	249.02		60.00	0.07	1.00	2.00	3R	2W	
249.02	252.07		75.00	0.10	0.00	2.00	3R	2W	
252.07	255.12		70.00	0.10	0.00	3.00	3R	2W	
255.12	258.17		60.00	0.08	0.00	2.00	3R	2W	
258.17	261.21		55.00	0.30	0.00	2.00	3R	2W	
261.21	261.82		70.00	0.50	0.00	2.00	2R	2W	EOH

KLAZA

Hole: DDH-KL-12-87 Date: July 21,2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	n/a	casing
3.00	n/a	casing
4.00	n/a	casing
5.00	0.26	
6.00	0.30	
7.00	0.10	
8.00	0.14	
9.00	2.21	
10.00	9.12	
11.00	6.99	
12.00	12.80	
13.00	0.32	
14.00	1.16	
15.00	0.45	
16.00	0.38	
17.00	10.80	
18.00	13.70	
19.00	10.60	
20.00	1.06	
21.00	14.40	
22.00	13.50	
23.00	12.90	
24.00	9.92	
25.00	0.34	
26.00	10.80	
27.00	0.45	
28.00	1.92	
29.00	20.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	15.30	
31.00	18.20	
32.00	7.97	
33.00	19.30	
34.00	19.40	
35.00	20.30	
36.00	18.80	
37.00	0.22	
38.00	18.80	
39.00	0.22	
40.00	16.00	
41.00	17.00	
42.00	17.80	
43.00	14.20	
44.00	18.20	
45.00	19.20	
46.00	15.00	
47.00	36.00	
48.00	14.20	
49.00	15.10	
50.00	15.30	
51.00	8.36	
52.00	12.30	
53.00	7.23	
54.00	13.70	
55.00	6.49	
56.00	18.60	
57.00	0.57	
58.00	5.71	
59.00	13.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	11.10	
61.00	6.86	
62.00	n/a	rubble
63.00	8.89	
64.00	16.70	
65.00	17.70	
66.00	9.19	
67.00	13.80	
68.00	0.65	
69.00	4.22	
70.00	8.99	
71.00	4.83	
72.00	12.00	
73.00	9.86	
74.00	13.80	
75.00	18.30	
76.00	9.18	
77.00	3.36	
78.00	0.41	
79.00	0.36	
80.00	0.28	
81.00	3.15	
82.00	12.00	
83.00	15.90	
84.00	11.30	
85.00	16.60	
86.00	17.60	
87.00	17.70	
88.00	16.60	
89.00	18.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	15.90	
91.00	18.40	
92.00	15.50	
93.00	12.30	
94.00	2.35	
95.00	0.71	
96.00	15.30	
97.00	0.51	
98.00	1.96	
99.00	11.50	
100.00	17.70	
101.00	17.70	
102.00	14.70	
103.00	8.38	
104.00	16.70	
105.00	12.70	
106.00	13.70	
107.00	18.70	
108.00	3.73	
109.00	6.66	
110.00	12.20	
111.00	16.30	
112.00	14.10	
113.00	12.70	
114.00	0.88	
115.00	0.94	
116.00	13.60	
117.00	14.30	
118.00	15.10	
119.00	14.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	15.50	
121.00	16.70	
122.00	13.60	
123.00	18.20	
124.00	6.37	
125.00	17.30	
126.00	13.20	
127.00	18.50	
128.00	13.90	
129.00	15.00	
130.00	15.80	
131.00	4.83	
132.00	0.26	
133.00	14.80	
134.00	17.10	
135.00	10.60	
136.00	0.75	
137.00	18.80	
138.00	13.50	
139.00	6.17	
140.00	13.90	
141.00	15.40	
142.00	11.90	
143.00	15.50	
144.00	16.60	
145.00	7.50	
146.00	1.82	
147.00	1.10	
148.00	17.40	
149.00	20.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.66	
151.00	2.23	
152.00	4.59	
153.00	6.78	
154.00	12.70	
155.00	2.84	
156.00	1.59	
157.00	0.55	
158.00	0.18	
159.00	0.47	
160.00	1.51	
161.00	0.43	
162.00	2.29	
163.00	1.20	
164.00	8.48	
165.00	0.77	
166.00	16.50	
167.00	3.46	
168.00	1.11	
169.00	15.80	
170.00	2.27	
171.00	15.20	
172.00	3.34	
173.00	0.26	
174.00	0.45	
175.00	0.34	
176.00	10.10	
177.00	3.13	
178.00	7.21	
179.00	0.34	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.71	
181.00	0.28	
182.00	0.26	
183.00	0.43	
184.00	0.18	
185.00	0.32	
186.00	0.67	
187.00	0.26	
188.00	0.47	
189.00	0.36	
190.00	0.41	
191.00	0.28	
192.00	0.98	
193.00	0.59	
194.00	0.69	
195.00	1.61	
196.00	0.94	
197.00	0.36	
198.00	0.43	
199.00	0.55	
200.00	0.49	
201.00	0.28	
202.00	0.28	
203.00	0.32	
204.00	0.32	
205.00	0.34	
206.00	0.26	
207.00	0.75	
208.00	0.20	
209.00	0.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.38	
211.00	0.38	
212.00	0.57	
213.00	0.34	
214.00	0.34	
215.00	0.20	
216.00	0.59	
217.00	0.57	
218.00	0.24	
219.00	0.28	
220.00	0.28	
221.00	0.24	
222.00	0.36	
223.00	0.24	
224.00	0.88	
225.00	1.08	
226.00	0.24	
227.00	0.41	
228.00	0.36	
229.00	0.20	
230.00	0.41	
231.00	0.28	
232.00	0.36	
233.00	1.74	
234.00	0.34	
235.00	0.14	
236.00	0.10	
237.00	0.06	
238.00	0.06	
239.00	0.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.12	
241.00	0.08	
242.00	0.18	
243.00	0.10	
244.00	0.20	
245.00	0.28	
246.00	2.56	
247.00	2.66	
248.00	3.64	
249.00	14.60	
250.00	2.35	
251.00	0.26	
252.00	2.39	
253.00	0.10	
254.00	1.82	
255.00	1.14	
256.00	0.49	
257.00	2.58	
258.00	1.70	
259.00	0.84	
260.00	1.55	
261.00	1.08	EOH

KLAZA

Hole: **KL-DDH-12-87** **Date:**

Box #	From (m)	To (m)
1	4.57	11.43
2	11.43	17.14
3	17.14	22.81
4	22.81	28.71
5	28.71	34.26
6	34.26	40.06
7	40.06	45.65
8	45.65	50.77
9	50.77	55.66
10	55.66	60.64
11	60.64	66.00
12	66.00	70.90
13	70.90	75.87
14	75.87	82.24
15	82.24	87.69
16	87.69	93.39
17	93.39	99.14
18	99.14	104.17
19	104.17	110.00
20	110.00	114.91
21	114.91	119.84
22	119.84	125.52
23	125.52	130.70
24	130.70	136.35
25	136.35	144.90
26	144.90	150.20
27	150.20	155.21
28	155.21	160.74
29	160.74	166.38

KLAZA

30	166.38	172.15
31	172.15	177.62
32	177.62	183.34
33	183.34	188.96
34	188.96	194.50
35	194.50	200.25
36	200.25	205.82
37	205.82	211.10
38	211.10	216.60
39	216.60	221.95
40	221.95	227.88
41	227.88	233.68
42	233.68	239.53
43	239.53	245.12
44	245.12	250.38
45	250.38	256.09
46	256.09	261.72
47	261.72	261.82

EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			381940.97	6889827.4	1327.137	267.31

SECTION:

HOLE: DDH-KL-12-88

CLAIM: YC37986

Contractor: Strike Drilling

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 18 - July 21, 2012

Geology logged by: Barry Penner

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	51.76		GRD	Unaltered granodiorite with patchy oxidation
51.76	92.43		GRD	Long stretch of unaltered granodiorite with short patches of phyllic and argillic alteration.
92.43	106.75		GRD	Stretch of phyllic altered granodiorite with patches of argillic alteration.
106.75	236.90		GRD	Long interval of unaltered granodiorite with small patches of weak argillic to moderate phyllic alteration.
236.90	247.01		GRD	Vein zone interrupted by felsic dyke intrusion.
247.01	267.31		GRD	Unaltered granodiorite with patches of phyllic alteration. EOH at 267.31 meters.

SAMPLES

Numbers: N810535-N810691

Total: 335

Batch: Batch 7 of which hole? 88-1, 88-2, 88-3, 88-4

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-88 **Logger Name:** **Barry Penner** **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	51.76	51.76			0.00		GRD			WH	XC	3I									Unaltered granodiorite with patches of heavy oxidation around fractures. Weak propylitic around some small veinlets (quartz carbonate). Aplite dykes 8-15cm wide crosscutting.
									MD	GY	XC										
										BK	XC										
			40.00	41.62			GRD	MG		WH	XC	4I		ARG	4I	1.00		se	1.00		Alteration halo around isolated quartz carbonate vein hosting pyrite at 40.47m. Heavy oxidation grading to argillic grading to phyllic grading to vein. Quartz carbonate veinlets cut through, 2 per meter. In general, fractures are oxidized. Phyllic alteration around vein hosts crystalline sericite.
									MD	PK	XC			PHC	4I						
									MD	GN	XC										
51.76	92.43						GRD	MG		WH	XC			ARG	4I	1.00					Vein density increase means increase in alternating phyllic/argillic alteration. Long patches of unaltered granodiorite still present. Argillic generally sandwiched in between phyllic zones.
									LT	GN	XC			PHC	4I						
									MD	GN	XC										
									DK	GN	XC										
			55.40	60.88			GRD	MG	MD	GN	XC	4I		PHC	5I	8.00		se	1.00		Phyllic alteration around quartz carbonate veins/veinlets; crystalline sericite; disseminated pyrite. Strong oxidation along fractures. Carbonate veinlets crosscutting (ankerite, calcite).
									DK	GN	XC										
			66.36	69.90			GRD	MG		WH	XC			ARG	2I	1.00					Weak argillic grading quickly into moderate phyllic when veinlet intensity increases. Biotite still present in argillic alteration; weakly disseminated pyrite in phyllic. Quartz carbonate veinlet cuts through interval, roughly 3 per meter.
									LT	GN	XC			PHC	3I						
									MD	GN	XC										
			72.24	74.20			GRD	MG		WH	XC			ARG	3I			bi	8.00		Moderate argillic altered interval; biotite books present and well developed.
									MD	PK	XC										
			80.30	80.63			GRD	MG	MD	GN	XC			PHC	5I	1.00		se	1.00		Strong phyllic envelope around quartz carbonate vein. Disseminated pyrite, crystalline sericite in phyllic altered rock.
			84.43	87.96			GRD	MG	MD	GN	XC	4I		PHC	4I	1.00					Patches of phyllic alteration interrupted by weakly propylitic-altered granodiorite. Heavy oxidation around fractures near end of interval.
									DK	GN	XC			PRO	2I						
92.43	106.75						GRD	MG	MD	GN	XC	2I		PHC	4I	1.00					Long interval of phyllic/argillic alteration, uninterrupted. Weak to moderate oxidation along fractures; quartz carbonate veinlets and ankerite veinlets/veins (vuggy); very rubbly/brecciated quartz carbonate zone at ~99m. Phyllic alteration grades straight into weak argillic (biotite books present). Disseminated pyrite in phyllic, near veins only.
									LT	GN	XC			ARG	3I						
106.75	236.90						GRD	MG	MD	GN	XC			PHC	3I						Long interval of unaltered granodiorite/weak argillic cut by moderate phyllic alteration where vein density increases. Minor oxidation on some fractures, nearer to top of interval. Veins/veinlets are half-and-half calcite/quartz carbonate. Small patches of gouge; mafic dyke at 152.25 meters.
									MD	GY	XC			ARG	2I						
									DK	GY	XC										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			113.53	114.02			GRD	MG	MD	GN	XC		3I	PHC	4I	1.00		he	1.00		Moderate to strong phyllic altered rock surrounding off- to milky-white quartz carbonate veins. Disseminated pyrite; hematite blebs; carbonate veinlets crosscutting (1 percent).
									LT	GN	XC			ARG	4I						
			117.64	120.22			GRD	MG		WH	XC			ARG	4I						Moderate to strong argillic altered interval around three calcite veins. Rubbly patches.
									DK	GN	XC										
										BK	XC										
			120.22	128.40			GRD	MG	MD	GN	XC		2I	PHC	4I	1.00					Moderate to strong phyllic alteration, interrupted by a couple of patches of argillic. Patches of silicified phyllic. Trace disseminated pyrite. Quartz carbonate veins/veinlets in phyllic; calcite veinlets/veins in argillic. Small patches of hematized rock.
										WH	XC			ARG	3I						
									DK	GN	XC			HEM	1I						
			136.03	138.16			GRD	MG	MD	GN	XC		2I	ARG	4I	1.00					Moderate argillic alteration with patches of phyllic around veins. Some rubble/gouge, little disseminated pyrite concentrated in phyllic.
										WH	XC			PHC	3I						
									MD	GY	XC			HEM	1I						
			142.37	143.41			GRD	MG	LT	GN	XC		2I	PHC	4I	1.00					Interval is two thirds unaltered granodiorite/phyllic rubble, 1/3 fractured phyllic with quartz carbonate veins/veinlets. Disseminated pyrite concentrated around veins.
									MD	GN	RB										
			145.41	148.25			GRD	MG	MD	GY	XC		2I	PHC	3I	1.00	1.00				Short phyllic envelopes cutting through unaltered granodiorite, around veins. Disseminated pyrite restricted to near veins/in phyllic altered rock. Vein at end of interval hosts blebby arsenopyrite.
									LT	GN	XC										
									MD	GN	XC										
			152.11	152.31			MAF	FG		BK	PO										Mafic dyke intrusion. Magnetic; quartz carbonate and plagioclase phenocrysts.
			156.52	161.72			GRD	MG	MD	GN	XC			PHC	5I	1.00		sp	1.00		Patches of strong phyllic alteration cutting through unaltered granodiorite, where vein/veinlet density increases. Small blebs of galena, sphalerite near and in vein; disseminated pyrite. Crystalline sericite. 157.89-158.27 meters: medium gray to black gouge.
									LT	GN	XC							gn	1.00		
									MD	GY	XC							se	1.00		
			170.64	175.81			GRD	MG	MD	GN	XC		4I	PHC	5I	1.00		he	1.00		Patches of strong to intense phyllic alteration around veins; unaltered granodiorite in between. Phyllic is strongly silicified. Veins are all milky to smoky quartz with carbonate flooding. Disseminated pyrite adjacent to veins ins trongest phyllic only, with euhedral sericite formation.
									LT	GN	XC							se	1.00		
									DK	GY	XC										
			175.81	178.88			GRD	MG	LT	GN	XC		4I	ARG	3I	1.00		se	1.00		Moderate tos trong argillic alteration with heavy potassic alteration, interrupted by short patches of phyllic around veins. Disseminated pyrite, sericite around veins in phyllic only; carbonate flooding in larger veins and carnbonate stringers throughout, roughly 4 per meter.
									MD	RD	XC			POT	4I			fd	5.00		
										WH	XC			PHC	4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									DK	GY	XC										
			180.16	181.00			GRD	MG	LT	GN	XC		3I	PHC	3I	1.00		se	1.00		Moderate to strong phyllic around two gray-smoky veins. Disseminated pyrite directly adjacent to veins; some sericite intergrown with pyrite. Gray-black gouge (10cm) at second vein.
									MD	GN	XC										
									LT	GY	XC										
			185.38	186.01			GRD	MG	MD	GN	XC		4I	PHC	5I	7.00		se	1.00		Strong to intense phyllic alteration around two sulphide-rich veins. Massive to crystalline arsenopyrite, galena, sphalerite, and pyrite. Euhedral sericite. Minor gouge formation near second vein, 5mm.
									LT	GN	XC							sp	3.00		
									MD	GY	XC							gn	3.00		
																		as	5.00		
			186.89	192.23			GRD	MG	LT	GN	XC		3I	PHC	4I	1.00	1.00	se	2.00		Short patches of phyllic alteration around veins, surrounded by unaltered granodiorite. Veins are carbonate flooded; carbonate stringers cut through, roughly 2-4 per meter. Disseminated to blebby pyrite in phyllic and around veins; euhedral sericite; trace galena; blebby arsenopyrite.
									MD	GN	XC							gn	1.00		
									DK	GY	XC										
			204.50	213.25			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00		se	1.00		Very short patches of phyllic alteration around veins/veinlets, with long stretches of unaltered granodiorite in between. Crystalline sericite in phyllic altered rock; disseminated to blebby pyrite proximal to veins. Carbonate flooding in veins; carbonate microfractures and stringers, 2-5 per meter.
									MD	GN	XC										
									DK	GY	XC										
			218.43	236.83			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00		se	1.00		Vein density increase equals an increase in phyllic alteration. Same as previous sub-interval, but more vein-dense. Presence of larger carbonate flooded chalcedony veins as well.
									MD	GN	XC										
									DK	GY	XC										
236.90	247.01						GRD	MG	MD	GY			5I	PHC	5I	25.00	5.00	se	4.00		Vein zone. Huge quartz veins carrying up to 90% pyrite cut through host rock, intensely silicifying and phyllic altering the host rock. Small ankerite and chalcedony veins/veinlets cut through. Galena found in massive to crystalline form with carbonate intrusion. Zoned honey-brown sphalerite mixed in with ankerite and galena. Large patches of crystalline arsenopyrite, also massive blebs. Chalcopyrite blebs found interstitially in pyrite concentrations. Quarts is half and half milky-translucent, smoky-translucent; chalcedony varies from off-white to red-brown. Crustiform, colloform, vuggy, massive, and crystalline textures to chalcedony/quartz. 20cm carbonate-flooded chalcedony vein roughly half way through interval. 5 percent of the interval is visible phyllic altered granodiorite, with euhedral sericite and extremely silicified. Interval contains a large felsic dyke intrusion. Gouge present at lower dyke contact. Phyllic patches are strongly to intensely mineralized, containing blebby/disseminated/crystalline pyrite, arsenopyrite,. galena, and sphalerite.
									DK	WH								sp	5.00		
									LT	GN								gn	3.00		
									MD	BR								cp	1.00		
																		ak	2.00		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			239.36	241.00			FEL	PO	MD	GN	PO			CLY	2I	1.00	1.00	pl	12.00		Felsic, porphyritic dyke intrusion. Phenocrysts aligned to flow, especially in lower third of interval. Carbonate flooded chalcedony veinlets/stringers cut through, 16-18 per meter at top of interval, 4 per meter at bottom. Clay alteration strongest at top of interval. Small interval of mineralization around a secondary dyke intrusion within the larger first dyke.
									MD	OL	PO							fd	8.00		
									MD	TN	PO							gn	1.00		
			241.00	241.82			FEL	PO	MD	GN	PO			CLY	2I	2.00	1.00	gn	1.00		Sulphide mineralized zone within dyke, around a secondary dyke intrusion within original dyke (241.68-241.72m). Fine grained, disseminated pyrite. Blebby pyrite; fine grained, disseminated arsenopyrite; massive galena and sphalerite.
			241.82	245.53			FEL	PO	MD	GN	PO			CLY	2I	1.00	1.00	pl	12.00		Felsic, porphyritic dyke intrusion. Phenocrysts aligned to flow, especially in lower third of interval. Carbonate flooded chalcedony veinlets/stringers cut through, 16-18 per meter at top of interval, 4 per meter at bottom. Clay alteration strongest at top of interval. Small interval of mineralization around a secondary dyke intrusion within the larger first dyke.
									MD	OL	PO							fd	8.00		
									MD	TN	PO							gn	1.00		
														HYD	3I			sp	1.00		
247.01	267.31						GRD	MG	MD	GN	XC		4I	PHC	4I	2.00	1.00	se	1.00		Interval is similar to before the vein zone: consistent phyllic to argillic envelopes surrounding veins with unaltered granodiorite in between. Most veins are quartz with carbonate flooding. Veins are spaced roughly 1 per 1.5-2 meters.
									LT	GN	XC			ARG	4I			sp	1.00		
									DK	GY	XC							gn	1.00		
										WH	XC							ak	1.00		
			247.40	248.70			GRD	MG	DK	GY	XC			PRO	4I			ep	1.00		Only propylitic interval in drill hole
																					EOH @ 267.31 meters

KLAZA

Hole: DDH-KL-12-88 Logger Name:

Depth (m)		
152.11		50 degrees. Sharp cor cooling margin.
152.31		50 degrees. Sharp cor cooling margin.
238.97		60 degrees. Blended c and felsic dyke. Coolir
241.68		65 degrees. Sharp cor
241.72		65 degrees. Sharp cor
245.53		60 degrees. Blended c
		EOH @ 267.31 meters

KLAZA

Hole: DDH-KL-12-88 **Logger Name:** Barry Penner **Date:** July 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
APL	6.83	6.91	50.00		1.00			fine grained pink aplite dyke	
FX	14.13	24.05	60-80		4.00			Four 20cm long zones of heavy oxidation around fractures	
VT	25.67	25.68	20.00		1.00			Milky gray quartz carbonate veinlet, trace propylitic envelope	
VT	28.00	28.02	50.00		1.00	py	6.00	Phyllic envelope around milky-smoky quartz carbonate veinlet, all heavily oxidized. Blebby to massive pyrite	
VT	33.86	34.00	65.00		5.00	py	1.00	Series of small chlorite-carbonate stringers hosting disseminated pyrite. Moderately oxidized	
APL	35.24	35.36	20.00		1.00			Pink, fine grained aplite dyke	
APL	37.92	38.07	50.00		1.00			Pink, fine grained aplite dyke crosscut by carbonate stringer	
VN	40.44	40.49	70.00		1.00	py	35.00	Smoky to milky grey quartz carbonate vein with carbonate stringers. Blebby to massive pyrite. Crustiform texture.	
APL	43.47	43.49	65.00		1.00			Pink, fine grained aplite dyke	
APL	44.14	44.15	55.00		1.00			Pink, fine grained aplite dyke	
VT	51.19	51.20	40.00		1.00	py	20.00	Milky quartz carbonate veinlet with disseminated pyrite, narrow phyllic envelope. Crustiform.	
VN	53.73	53.95	30.00		1.00	py	4.00	Crustiform, netted/brecciated, milky/smoky quartz carbonate vein with vugs and weak to moderate oxidation on fractures. Blebby sphalerite, galena, disseminated to blebby pyrite.	
						sp	1.00		
						gn	1.00		
VT	55.38	55.39	55.00		1.00	py	3.00	Vuggy, crustiform, quartz carbonate veinlet (smokey grey) hosting pyrite. Carbonate microfractures. Disseminated to blebby pyrite.	
VN	55.88	55.90	45.00		1.00	sp	5.00	Milky-grey crustiform quartz carbonate vein, with a chalcedony vein (ankerite flooded). Blebby sphalerite in milky quartz; pyrite hosted in smoky quartz.	
						py			
VN	57.21	57.85	55-65		3.00	py	1.00	Ankerite-flooded quartz veins, crustiform texture. Trace disseminated pyrite.	
VN	57.73	57.76	70.00		1.00	py	20.00	Comb-texture, milky quartz (carbonate flooded) vein cutting through smoky quartz vein. Smoky quartz hosts blebby to massive pyrite, massive to felted arsenopyrite. Carbonate stringers cut through.	
						sp	1.00		
						as	8.00		
VT	58.77	58.78	60.00		1.00	py	5.00	Crustiform milky carbonate flooded quartz vein. Strong but small phyllic envelope; disseminated to blebby pyrite.	
VN	59.26	59.27	65.00		1.00	py	7.00	Milky, crustiform quartz carbonate veinlet hosting pyrite (blebby to disseminated)	
VN	59.33	59.43	65.00		1.00	py	18.00	Milky, vuggy, brecciated/colloform/comb texture quartz vein, carbonate flooded, cutting through smoky quartz, which hosts blebby to massive pyrite, blebby sphalerite, and blebby galena	
						sp	1.00		
						gn	1.00		
VT	61.06	61.07	70.00		1.00	sp	3.00	Milky quartz carbonate veinlet with comb texture. Hosts blebby honey-brown sphalerite.	
						gn	1.00		
VT	62.56	62.57	65.00		1.00	py	25.00	Milky grey crustiform quartz carbonate veinlet with pyrite.	
VT	63.73	63.74	65.00		1.00	py	7.00	Milky gray, crustiform and comb textured veinlet with disseminated pyrite.	
VT	66.61	66.97	70.00		8.00	py	3.00	Small gray quartz carbonate veinlets hosting disseminated pyrite. Banded chalcedony texturein some; others have chalcedony stringers	
VN	67.10	67.12	65.00		1.00	py	1.00	Milky to smoky quartz carbonate vein (crustiform texture). Very little pyrite. Crosscut by carbonate veinlets and stringers.	
VN	69.40	69.64	75.00		1.00	py	3.00	Complex vein. Milky to smoky quartz carbonate vein. Brecciated. Milky and smoky stringers crosscutting with carbonate stringers. Crustiform texture, 1cm wide vugs, oxidation along fractures.	
VT	70.73	74.29	65.00		5.00			Small milky gray quartz carbonate veinlet with narrow phyllic envelope. No sulfide mineralization.	
VT	76.29	76.30	50.00		2.00	py	2.00	Milky to smoky quartz carbonate veinlet with chlorite stringers. Crustiform.	
VT	78.59	78.60	60.00		1.00	py	30.00	Milky to smoky quartz carbonate veinlet. Crustiform. Blebby to massive pyrite, massive to felted arsenopyrite.	
						as	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	80.45	80.50	70.00		1.00	py	3.00	Complex milky gray smoky quartz carbonate vein (ankerite). Poorly developed comb texture. Crustiform. 11cm phyllic envelope either side.	
						as	1.00		
VN	81.14	81.20	45.00		1.00			Pink-green-white translucent quartz vein. No mineralization. Chlorite stringers and staining crosscut through center.	
VT	81.83	81.84	50.00		1.00	py	1.00	Off-white chalcedony veinlet with carbonate flooding. Disseminated pyrite around borders; small carbonate stringer.	
VT	83.34	83.35	50.00		1.00	as	15.00	Smoky quartz veinlet, carbonate stringers crosscutting. Blebby to massive arsenopyrite throughout. Oxidation on adjacent fractures; phyllic envelope 25cm either side.	
VT	84.61	84.62	65.00		1.00	py	2.00	Milky quartz carbonate veinlet (crustiform) with smoky quartz borders, hosting disseminated pyrite.	
VT/VN	86.75	87.91	50.00		8.00	py	2.00	Milky quartz carbonate veinlet with a netted texture. Vugs; lightly disseminated pyrite; oxidation on some fractures.	
VN	87.33	87.35	50.00		1.00			Strongly oxidized quartz carbonate vein with very fine grained, translucent chalcedony. Vuggy, crustiform, carbonate-flooded vein crosscuts silica vein. Strong oxidation on adjacent fractures.	
VT	91.19	91.21	70.00		1.00	py	5.00	Smoky quartz vein, crustiform, disseminated pyrite. Carbonate stringers crosscutting and carbonate flooded rock around vein.	
VT	92.48	92.49	50.00		1.00	py	4.00	Milky gray crustiform quartz carbonate veinlet with disseminated pyrite.	
VN	93.11	93.14	25.00		1.00	py	20.00	Gray to smoky quartz vein with carbonate stringers. Disseminated to massive pyrite; massive arsenopyrite.	
						as	5.00		
VT	94.74	94.75	45.00		1.00	as	8.00	Smoky quartz veinlet hosting massive arsenopyrite, disseminated to blebby pyrite; carbonate microfractures crosscutting.	
						py	2.00		
VN	95.03	95.05	25.00		1.00	as	8.00		
						py	2.00		
VN	95.31	95.33	40.00			as	4.00	Smoky quartz veinlet bordering a larg, fine grained, white to off-white chalcedony vein. Massive arsenopyrite, disseminated pyrite in smoky quartz; vugs in chalcedony. All is carbonate flooded, lightly (1%). Blebs of galena in chalcedony. Crustiform texture.	
						py	1.00		
						gn	1.00		
VN/VT	96.04	100.15				py	1.00	Series of quartz carbonate veinlets/veins, fine grained and white to off-white. Strongly netted and crustiform, massive centers; and carbonate-flooded (often see brick-ike texture). System culminates in heavily brecciated host rock by quartz vein at 99.10-99.36 meters. Very rubbly for most of interval; lots of vugs. Trace disseminated pyrite.	
VT	101.82	101.83	70.00		1.00	py	1.00	Gray crustiform quartz veinlet, blebby pyrite, advanced argillic envelope 4cm either side.	
VT	102.35	102.36	70.00		1.00	py	2.00	Milky gray quartz carbonate veinlet, crustiform, blebby pyrite.	
VT	103.27	103.28	55.00		1.00	py	1.00	Crustiform, milky to off-white, quartz (carbonate-flooded, 2%) veinlet. Smoky quartz at border. Trace arsenopyrite (disseminated), blebby pyrite.	
						as	1.00		
VN	103.84	103.86	50.00		1.00	py	1.00	Complex vein. Crustiform, milky and off-white and off-white quartz carbonate vein with smoky border, hosting disseminated to blebby pyrite.	
VN	104.71	104.80	50.00		3.00	py	3.00	3 small smoky gray quartz carbonate veinlet, hosting disseminated to massive arsenopyrite, and disseminated to blebby pyrite.	
						as	3.00		
VN	105.11	105.14	75.00		1.00	sp	1.00	Colloform to crustiform, milky to smoky quartz carbonate veinlet. Blebs of blackjack sphalerite and pyrite.	
						py	1.00		
VT	105.49	105.50	60.00		1.00	as	1.00	Smoky gray quartz veinlet, crustiform, cut by milky quartz carbonate veinlet. Disseminated pyrite and arsenopyrite.	
						py	3.00		
VN	105.56	105.68	50.00		1.00			Crustiform, milky quartz carbonate vein system; many netted, small veins and veinlets.	
VT	105.61	15.62	55.00		1.00	gn	1.00	Milky to smoky, comb texture, quartz carbonate veinlet hosting disseminated to blebby pyrite, blebby to massive arsenopyrite, blebby galena.	
						py	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						as	3.00		
VT	105.87	105.88	60.00		1.00	py	1.00	Small grey-smoky quartz veinlet hosting blebby pyrite	
						as	1.00		
VT	106.63	106.64	50.00		1.00	as	3.00	Milky quartz carbonate veinlet, crustiform texture, hosting blebby to disseminated arsenopyrite.	
VT	107.57	107.58	65.00		1.00			Milky quartz carbonate veinlet, crustiform, vuggy. No sulfides.	
VT	110.49	110.51	50.00		1.00			Crustiform quartz veinlet with adjacent calcite veinlet. No sulfides.	
VN	120.67	120.71	60.00		1.00	py	1.00	Off-white, banded, crustiform chalcedony vein with intruding crustiform/colloform calcite veinlet, slightly brecciated. Massive to disseminated pyrite	
VT	120.90	120.91	50.00		1.00	py	1.00	Translucent white quartz carbonate veinlet, crustiform. Blebby pyrite.	
VN	115.65	115.67	20.00		1.00	as	1.00	Opaque dark beige to dark pink quartz vein; very fine grained at borders and coarse grained in middle. Carbonate presence in middle, 1%. Blebs of arsenopyrite.	
VN	117.94	120.05	20-80		3.00			Three calcite vein, large (1.5-6cm wide) and white to off-white. Massive he-staining, trace; adjacent hematization and argillic alteration also trace.	
VT	118.83	118.84	20.00		1.00	he	1.00	Hematite stained quartz veinlet; clay altered	
VN	120.63	120.66			1.00	py		Very strongly silica flooded region; almost a vein. Carbonate intruding also, 1% and interstitial. Disseminated pyrite in small, smoky quartz areas; otherwise all quartz is milky	
VT	121.34	121.35	65.00		1.00			Crustiform, banded chalcedony/quartz veinlet with carbonate flooding; vuggy, most of carbonate gone. No sulfides.	
VN/BX	121.68	121.74	65.00		1.00			Off-white, banded, crustiform quartz vein, adjacent to and brecciated by translucent grey-white, fine-grained chalcedony vein. No sulfides.	
VT	122.33	122.34	60.00		1.00	py	1.00	Grey-white, translucent, fine grained chalcedony veinlet bordered by milky white quartz. Carbonate, 1%. Trace disseminated pyrite.	
VT	123.35	123.55	60.00		8.00	py	1.00	Closely packed milky quartz carbonate veinlets, all crustiform. Vugs present; trace blebby pyrite.	
VT	123.86	123.87	50.00		1.00			Milky, crystalline veinlet, carbonate veinlet in center. Vugs with crystal growth and later silica flooding. No sulfides.	
VT	124.68	124.69	60.00		1.00	py	5.00	Banded, crustiform quartz carbonate veinlet. Milky on outside, grading in to smoky. Smoky quartz hosts disseminated to blebby pyrite.	
Vt	125.20	125.21	70.00		1.00	py	2.00	Banded milky-smoky quartz carbonate veinlet; smoky hosts blebby pyrite and sphalerite. Blebby chalcopyrite present.	
						sp	1.00		
						cp	1.00		
VT	126.10	127.92	45-80		15.00			Small milky to off-white quartz carbonate veinlet, carbonate microfractures. No sulfides.	
VT	129.36	129.37	50.00		1.00			Calcite-flooded quartz vein: quartz is light grey-white, translucent, fine grained. No sulfides.	
VN	129.40	129.41	55.00		1.00	py	7.00	Off-white to milky, banded, crustiform, chalcedony vein with internal translucent quartz and a smoky quartz band outside hosting sulfides. Blebby to massive pyrite, blebby chalcopyrite.	
						cp	1.00		
VT	132.82	132.83	55.00		1.00	py	1.00	Milky quartz vein, carbonate flooded. Smoky patches hosting sphalerite. Blebby pyrite.	
VN	137.06	137.10	60.00		1.00	py	2.00	Smoky quartz breccia with carbonate microfractures crosscutting. Small vugs.	
VN	137.32	137.33	55.00		1.00	py	3.00	Milky, comb/crustiform, carbonate flooded quartz vein, with smoky quartz border hosting sulfides. Disseminated to blebby pyrite.	
GO	142.41	143.21	40.00		1.00			White/light green/medium gray gouge	
VN	143.21	143.31	55.00		1.00	py	6.00	Milky-smoky quartz carbonate vein cut by many carbonate microfractures. Crustiform to poorly developed comb texture. Disseminated to blebby pyrite.	
VT	145.72	145.74			1.00	py	1.00	Milky-grey, carbonate-flooded quartz veinlet. Disseminated to blebby pyrite.	
VT	146.95	146.96			1.00	py	1.00	Milky-grey quartz veinlet with carbonate microfractures/veinlets crosscutting. Small smoky patches with disseminated pyrite. Surrounded by gouge, 10cm either side.	
VT	147.69	148.12	70.00		3.00			Banded, comb to crustiform, carbonate flooded chalcedony veinlet. No sulfides.	
VN	148.15	148.16	70.00		1.00	as	5.00	Gray to smoky quartz vein cut parallel by carbonate veinlet. Blebby arsenopyrite, pyrite. Crustiform.	
						py	3.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	150.14	150.19	25.00		1.00			Crystalline calcite vien, slight green staining	
VN	152.84	152.85	70.00		1.00	py	1.00	Banded, crustiform, off-white to white chalcedony vein with interior carbonate and carbonate flooding. Disseminated to blebby pyrite around borders.	
VT	153.57	153.58	50.00		1.00	py	1.00	Milky gray quartz veinlet, carbonate flooded and cut by many carbonate microfractures. Disseminated pyrite.	
VN	157.07	157.08	80.00		1.00	py	1.00	Crustiform milky quartz carbonate vein with large (14mm) quartz crystalline interior. Thin border of smoky quartz hosting blebby pyrite, sphalerite.	
						sp	1.00		
GO	157.89	158.30	25.00		1.00	py	1.00	Medium to dark gray gouge, disseminated pyrite.	
VN	159.05	159.06	55.00		1.00	sp	5.00	Milky to smoky, translucent quartz vein, carbonate flooded. Crustiform. Large (12mm) blebs of sphalerite, pyrite	
						py	10.00		
VT	159.37	159.38	75.00		1.00	py	1.00	Off-white, comb texture, chalcedony veinlet with quartz interior, carbonate flooded. Disseminated pyrite.	
VT	160.73	160.76	60.00		2.00	py	17.00	Two milky-grey quartz carbonate veinlets, crustiform, hosting disseminated to blebby pyrite.	
VT	161.67	161.68	85.00		1.00	py	20.00	Milky gray to smoky quartz carbonate veinlet hosting disseminated to blebby pyrite.	
GO	163.44	163.83	40.00		1.00			Medium gray, white, black, dark green gouge	
VT	165.87	165.88	50.00		1.00	py	1.00	Milky-grey quartz carbonate veinlet hosting disseminated to blebby pyrite	
VT	166.88	166.89	80.00		1.00	py	10.00	Milky-gray quartz veinlet hosting blebby pyrite and massive arsenopyrite	
						as	7.00		
VT	167.33	167.39	65.00		2.00	py	3.00	Smoky gray quartz veinlet hosting blebby pyrite, arsenopyrite	
						cp	1.00		
VT	170.20	170.21	50.00		1.00	py	1.00	Milky-gray quartz carbonate veinlet hosting disseminated to blebby pyrite. Carbonate microfractures crosscutting parallel.	
VN	170.80	170.82	50.00		1.00	py	2.00	Milky quartz carbonate (trace carbonate) vein. No sulfides; vein is crosscut perpendicular by another milky quartz carnbonate veinlet which floods the first. Second is mineralized; blebby pyrite and chalcopyrite	
						cp	3.00		
VT	171.16	171.17	70.00		1.00	py	3.00	Milky gray quartz veinlet, hosting blebby pyrite	
VT	171.20	171.21	55.00		1.00	py	2.00	Milky to smoky quartz veinlet hosting blebby pyrite and blebby to massive arsenopyrite and blebby chalcopyrite	
						as	3.00		
						cp	1.00		
VT	171.25	171.26	50.00		1.00	py	1.00	Milky gray to smoky quartz veinlet hosting blebby pyrite, disseminated arsenopyrite	
						as	1.00		
VT	172.03	172.04	40.00		1.00	py	1.00	Milky to translucent quartz veinlet, netted texture. Disseminated pyrite	
VT/ST	172.22	172.50	45-65		6.00	py	1.00	Small off-white milky quartz veinlet/stringers. Trace disseminated pyrite, trace carbonate content	
VT	173.60	173.61	50.00		1.00	py	2.00	Milky gray to smoky quartz veinlet, comb texture, blebby pyrite, chalcopyrite, arsenopyrite	
						cp	1.00		
						as	1.00		
VN	174.42	174.53	40.00		1.00	py	4.00	Smoky gray vein with heavy silicification immediately adjacent. Crustiform with sulfide stringers cutting through. System brecciateds adjacent phyllic altered rock, extremely altering it. Disseminated pyrite, arsenopyrite; small blebs of pyrite, arsenopyrite.	
						as	1.00		
VT/ST	174.68	174.80	60-80		10.00	py	7.00	Sulphide stringers cutting through phyllic alteration with heavy silicification. Disseminated to blebby arsenopyrite, and pyrite.	
						as	5.00		
VN	174.80	174.87	60.00		1.00	py	6.00	Grey to smoky vein with ankerite blebs. Brecciated texture. Grey to black gouge, 15mm. Blebby to disseminated pyrite, arsenopyrite; blebby sphalerite.	
						ak	4.00		
						as	3.00		
						sp	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	175.03	175.32	60.00		1.00	as	1.00	Large, fine grained chalcedony/ankerite vein with small carbonate stringers/veinlets crosscutting, 3-4 in total. Chalcedony is translucent gray-smoky; brecciated, crustiform colloform, vuggy texture. Sulfides hosted mostly in breccia clasts of smoky quartz, within the ankerite vein body. Disseminated pyrite in chalcedony.	
						py	4.00		
VT	175.65	175.66	55.00		1.00			Crustiform, banded, chalcedony veinlet with interior quartz stringer. Carbonate flooded.	
VN	176.20	176.22	65.00		1.00	py	20.00	Large milky quartz vein with translucent gray crystals. Crustiform to comb texture; vugs; carbonate flooded (weak effervescence). Ghost blades of pyrite; pyrite mainly blebby around border of vein. Euhedral sericite crystals around vein.	
						se	2.00		
VN	176.83	176.89	65.00		1.00	py	8.00	Off-white, milky, banded chalcedony vein, trace carbonate flooding. Crustiform to colloform texture. Smoky quartz stringers cut parallel through vein, hosting disseminated to blebby pyrite. Euhedral sericite crystals around vien.	
						se	1.00		
VT	179.65	179.66	70.00		1.00	cb	2.00	Banded, crustiform chalcedony carbonate veinlet	
VN	180.40	180.42	75.00		1.00	cb	2.00	Banded, crustiform chalcedony/carbonate veinlet with small gray quartz veinlet adjacent. Disseminated pyrite in gray quartz	
						py	1.00		
GO/VN	180.58	180.70	45.00		1.00	py	6.00	Phyllic gouge grading into black sulfide gouge adjacent to small quartz carbonate veinlet (smoky/gray/milky). Disseminated pyrite in gouge/ disseminated to blebby pyrite in/around veinlet. Blebby sphyalerite. Ghost blade replacement texture of pyrite. Crystalline sericite near veinlet.	
						sp	1.00		
						se	1.00		
VN	185.49	185.58	70.00		1.00	py	5.00	Complex vein. Crustiform to colloform, off-white to milky white quartz vein with large ankerite vein surrounding it. Ankerite is flooding translucent gray-smoky quartz. Phyllic alteration adjacent is supremely silicified. Vugs in milky quartz; gray/smoky/ankerite blebd hosts a huge amount of arsenopyrite, galena, pyrite, sphalerite; all blebby to massive, some crystalline. Honeybrown sphalerite, with circular zoning.	
						as	15.00		
						gn	6.00		
						sp	8.00		
VN	185.78	185.81	50.00		1.00	py	17.00	Milky to smoky quartz carnbonate vein; crustiform texture. Ankerite vein adjacent, with comb texture at border. Large sphalerite bleb, 12mm wide; blebby pyrite	
						sp	5.00		
VN	186.94	186.96	50.00		1.00	py	1.00	Milky-gray quartz carbonate vein with calcite veinlet adjacent. Smoky stringers cut through. Trace disseminated pyrite.	
VT	191.53	191.54	45.00		1.00	sp	1.00	Milky gray to smoky quartz carbonate veinlet, mottled texture. Blebby sphalerite and pyrite; radiating acicular arsenopyrite. Crosscut/offset by carbonate fracture.	
						py	2.00		
						as	1.00		
Vt	205.72	208.02	55.00		2.00	py	1.00	Milky, crystalline quartz carbonate veinlets; disseminated to blebby pyrite; sericite crystals in small phyllic envelope.	
						se	1.00		
VT	212.18	213.21	60.00		3.00	py	1.00	Milky gray quartz carbonate veinlets; stringy appearance. Offset by carbonate veinlet. Disseminated pyrite.	
VT	218.64	218.83	50.00		2.00	py	1.00	Two crustiform chalcedony carbonate veinlet, banded, with grey quartz veinlet on border hosting pyrite.	
VT	219.54	219.98	50.00		2.00	py	1.00	Two milky to smoky quartz carbonate veinlet hosting blebby pyrite. Crustiform.	
VN/VT	220.60	220.64	75.00		2.00	py	1.00	Two veins/veinlets, milky to smoky quartz carbonate, hosting blebby pyrite. Comb texture, carbonate stringers crosscutting	
						se	1.00		
VN	226.18	226.20	70.00		1.00	py	2.00	Banded, crustiform, off-white, dark beige chalcedony vein, carbonate flooded. Comb borders with smoky quartz hosting blebby pyrite. Trace blebs of galena. Honeybrown sphalerite blebs. Trace blebby arsenopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						gn	1.00		
						sp	1.00		
						as	1.00		
VN	266.60	266.62	35.00		1.00	py	2.00	Calcite vien with adjacent carbonate-flooded quartz veinlet. Milky middle, smoky border. Disseminated to blebby pyrite.	
VT	226.80	226.81	65.00		1.00	py	2.00	Off-white to milky, crustiform quartz carbonate veinlet with smoky borders, hosting disseminated to blebby pyrite. Blebby sphalerite.	
						sp	1.00		
VT	229.15	229.22	70.00		3.00	ak	3.00	Three close milky to smoky quartz veinlets, carbonate flooded. Ankerite present. Comb texture between ankerite and quartz; disseminated to blebby pyrite	
						as	1.00		
						py	3.00		
VT	229.70	229.71	70.00		1.00			Milky quartz veinlet bordering milky-grey quartz veinlet; comb texture. Cut and slightly offset by carbonate stringer. Patchy carbonate flooding/stringer intrusio.	
VN	229.94	229.99	75.00		1.00	py	1.00	Beautiful colloform/crustiform chalcedony vein, off-white to milky, with translucent, crystalline quartz patches and a beige, crustiform stained quartz veinlet cutting through. All is carbonate flooded, weak to moderate. Borders are grey to smoky with blebby pyrite.	
VT	230.95	230.96	60.00		1.00	py	1.00	Green-tinted off-white chalcedony vein, crustiform texture, with carbonate stringers and flooding. Blebby pyrite.	
						se	1.00		
VT/ST	231.74	231.82	70.00		7.00	se	1.00	Off-white chalcedony/quartz veinlets, with carbonate flooding and a crustiform texture. Blebby pyrite. Strong phyllic with euhedral sericite around veinlets.	
						py	1.00		
VN	233.10	233.15	55.00		1.00	py	1.00	Off-white, crustiform chalcedony vein with translucent chalcedony and smoky quartz throughout. Weak carboate flooding. Large vugs. Beautiful banding. Euhedral sericite. Disseminated pyrite in smoky quartz.	
						se	1.00		
VN	233.52	233.54	45.00		1.00	py	5.00	Milky to smoky quartz carbonate vein, crustiform texture. Blebby pyrite, arsenopyrite, and galena.	
						as	1.00		
						gn	1.00		
VN	236.38	236.39	75.00		1.00	py	8.00	Milky to smoky quartz carbonate vien, crustiform, translucent. Comb texture. Blebby to disseminated pyrite; blebby sphalerite and arsenopyrite.	
						sp	1.00		
						as	1.00		
VN	236.91	236.93	75.00		1.00	as	1.00	Banded chalcedony, carbonate flooded, crustiform, with milky to smoky quartz inside. Brecciated texture inside. Colloform in places. Lots of sericite around vien.	
						py	7.00		
						gn	1.00		
						sp	1.00		
VN	237.02	237.04	70.00		1.00	py	20.00	Banded, crustiform chalcedony, vuggy, with translucent to milky crystalline quartz inside. Bordered by smoky-gray vein of quartz; comb texture at border.	
						sp	1.00		
VN	237.04	237.70	60.00		1.00	py	85.00	Milky gray to smoky quartz vein hosting massive pyrite, 85 percent. Vuggy in patches; massive arsenopyrite and sphalerite; euhedral sericite bordering vein.	
						cp	1.00		
						as	1.00		
						se	1.00		
VN	237.79	237.82	55.00		1.00	py	40.00	Gray to smoky quartz vein, crystalline, with thin (2mm) smoky borders. Massive, crystalline, disseminated pyrite; disseminated arsenopyrite; crystalline sericite; blebby sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						as	2.00		
						se	3.00		
						sp	1.00		
VN	237.92	237.94	60.00		1.00	gn	6.00	Gray to smoky quartz vein (crystalline), with large patches of ankerite (blebby). Comb texture at border, between ankerite and quartz. Small vugs. Vein is studded with blebby to crystalline patches of galena, sphalerite, arsenopyrite; blebby pyrite; surrounding intense phyllic, which is studded with crystalline sericite.	
						sp	1.00		
						py	3.00		
						as	4.00		
						al	15.00		
						se	2.00		
VN	237.99	238.07	65.00			py	15.00	Large gray to smoky quartz (crystalline) vein with 8mm borders of gray to milky quartz. All translucent. Crosscut by quartz stringers, partially offset (2mm). Massive to crystalline, zoned sphalerite. Massive to blebby pyrite. Blebby to crystalline arsenopyrite. Crystalline sericite in phyllic, surrounding vein.	
						sp	18.00		
						as	12.00		
						se	2.00		
VN	238.09	238.10	70.00			as	7.00	Translucent gray to smoky quartz vein, partially carbonate flooded, with ankerite blebs and a large ankerite-quartz vug. Disseminated to blebby pyrite; blebby to crystalline arsenopyrite; blebby to crystalline, zoned sphalerite; blebby galena; crystalline sericite; blebby ankerite. Comb texture at ankerite/quartz border	
						gn	1.00		
						py	10.00		
						sp	4.00		
						se	2.00		
						ak	12.00		
VN	238.15	238.17	40.00			sp	10.00	Translucent smoky gray quartz vein, crystalline. Smoky at borders, hosting concentrated sulfides. Sericite surrounding vein. Blebby, honeybrown sphalerite; massive to crystalline arsenopyrite; blebby arsenopyrite; blebby to disseminated pyrite; crystalline sericite.	
						as	8.00		
						ak	1.00		
						py	3.00		
						se	2.00		
VN	238.21	238.37	60.00		1.00	as	20.00	Smoky, translucent, crystalline quartz vein with maybe ten percent of quartz visible; essentially a sulphide vein, with ankerite veins cutting through. Ankerite has colloform-crustiform texture, small vugs. Massive to blebby, zoned sphalerite; crystalline galena; massive to crystalline arsenopyrite; massive to blebby pyrite; crystalline sericite.	
						sp	30.00		
						gn	10.00		
						py	10.00		
						ak	15.00		
						se	2.00		
VN	238.42	238.46	60.00		1.00	py	15.00	Smoky black quartz vein, carbonate flooded. Subtle crustiform texture. Smoky brecciated earlier milky quartz carbonate vein. Disseminated to blebby pyrite; disseminated to crystalline arsenopyrite; blebby sphalerite; blebby galena. Crystalline sericite around vein.	
						as	3.00		
						sp	1.00		
						gn	1.00		
						se	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	238.46	238.60			~10	as	4.00	Network of chalcedony veinlets cutting randomly through phyllic, strongly mineralized host rock. All sulfides are blebby to disseminated; sericite is crystalline.	
						py	10.00		
						se	3.00		
						sp	1.00		
VN	239.14	239.37	50.00		1.00			Large chalcedony/ankerite vein. Vuggy, 2-40mm, brecciated felsic dyke clasts. Colloform/crustiform around borders of some clasts and of vein. No sulfides.	
VT	239.37	241.99	40-70		~30			Small colloform/crustiform crystalline quartz carbonate veinlets/stringers cutting throughfelsic dyke. Vugs only in a couple near the top of interval; size and frequency of veinlets/stringers decreases steadily to end of interval.	
DY	241.68	241.72	60.00		1.00	py	1.00	Felsic dyke intrusion within the large felsic dyke. Disseminated pyrite; dyke around this small intrusion is mineralized with blebby galena, pyrite, arsenopyrite; disseminated pyrite.	
						gn	1.00		
						as	1.00		
GO	245.52	245.55	60.00		1.00			Gray gouge at felsic dyke to granodiorite contact	
SV	245.55	245.65	60.00		1.00	py	8.00	Baked granodiorite margin grading into mineralized dyke selvage. Disseminated to blebby pyrite; massive to disseminated arsenopyrite; blebby sphalerite; crystalline sericite.	
						as	4.00		
						sp	1.00		
						se	1.00		
VN	245.72	245.75	85.00		1.00	py	7.00	Translucent gray to milky white quartz vein, carbonate flooded. Crustiform. Small 1-3mm vugs. Blebby to disseminated pyrite, trace arsenopyrite. Crystalline sericite around vein.	
						se	1.00		
						as	1.00		
VN	245.79	246.73	50.00		1.00	py	20.00	Milky-gray, translucent quartz vein with smoky patches. 1-4mm vugs, around small crosscutting ankerite veinlets (3 in total). Massive to blebby to disseminated pyrite, blebby sphalerite; arsenopyrite; chalcopyrite.	
						cp	2.00		
						as	2.00		
						sp	2.00		
VN	246.60	246.75	40.00		2.00	py	15.00	two 2cm thick milky gray to smoky quartz veins, crystalline. Disseminated to blebby pyrite; massive arsenopyrite; crystalline sericite. 1-2mm vugs.	
						se	1.00		
						as	1.00		
VN	247.00	247.02	50.00		1.00	py	50.00	Gray smoky quartz vein with small 1-4mm milky, crystalline blebs. Massive to blebby pyrite, trace blebby arsenopyrite.	
						as	1.00		
VT	249.13	249.14	45.00		1.00	py	10.00	Smoky gray translucent quartz vein hosting blebby to disseminated pyrite.	
VT	249.58	249.59	55.00		1.00	py	3.00	Milky gray translucent quartz veinlet hosting blebby pyrite; disseminated sericite; chlorite blebs throughout	
						se	1.00		
						cl	15.00		
VT	251.45	251.46	50.00		1.00	py	12.00	Milky to smoky quartz veinlet, comb texture	
						cl	8.00		
VN	254.04	254.14	42.00		1.00	py	7.00	Complex vein. Chalcedony-ankerite-quartz vein, crustiform/colloform/comb, crystalline, milky quartz. Fine grained, gray chalcedony, beige ankerite. Carbonate flooded quartz. Smoky border downhole; blebby arsenopyrite; blebby to massive pyrite; crystalline sericite around vein. Crosscut and offset by carbonate veinlet	
						as	3.00		
						se	1.00		
VN	254.46	254.49	30.00		1.00	cl	1.00	Quartz carbonate vein with chlorite strinters, small vugs.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	256.05	256.09	85.00		1.00	py	20.00	Milky to smoky, crystalline quartz carbonate (trace) vein. Partially translucent, massive to blebby pyrite; trace blebby arsenopyrite.	
						as	1.00		
VT	256.27	257.36	45.00		5.00	py	8.00	Milky to smoky, crustiform/colloform/comb texture, blebby pyrite; blebby sphalerite; trace blebby arsenopyrite. Carbonate flooded, weakly.	
						sp	2.00		
						as	1.00		
								EOH @ 267.31 meters	

KLAZA

Hole: DDH-KL-12-88 **Date:** 28-Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
21.95	9.3	5.2	507.7	319.5	GRD	XC					2.570559	2.697662	Unaltered granodiorite
53	10.1	5.2	513.9	311.4	GRD	XC	ARG	3I			2.395856	2.537778	Moderate argillic, weakly silica flooded
							SIL	2I					
87.02	10	5.2	541.6	340.4	GRD	XC	PHC	4I	py	1	2.550246	2.691849	Moderate to strong phyllic with quartz carbonate veinlet. Disseminated pyrite around veinlet only
92.12	9.5	5.2	515.5	324.8	GRD	XC					2.555103	2.703199	Unaltered granodiorite
*	*	*	*	*	*	*	*	*	*	*			Calibration: 2kg wt. = 2001.5g; 1kg wt. =1000.7g
118.91	9.8	5.2	503.3	306.5	GRD	XC	ARG	3I	py	1	2.418267	2.557419	Quartz carbonate veinlet, hematite stained quartz veinlet, in moderate argillic altered granodiorite
140.15	9.8	5.2	526.5	331	GRD	XC					2.529739	2.693095	Unaltered granodiorite
156.65	9.8	5.2	527.3	329	GRD	XC	PHC	4I	sp	2	2.533583	2.659102	Strongly phyllic-altered granodiorite, heavily silicified. Disseminated blebs of sphalerite; trace galena
						XC	SIL	4I	gn	1			
*	*	*	*	*	*	*	*	*	*	*			Calibration: 2kg wt. = 2001.2; 1kg wt. = 1000.5g
172.28	9.9	5.2	539.3	339.9	GRD	XC	PHC	4I	ca	1	2.565067	2.704614	Moderate to strong phyllic altered granodiorite, two carbonate stringers.
						XC	SIL	4I	se	1			
194.28	9.6	5.2	526.7	332.2	GRD						2.583423	2.707969	Unaltered granodiorite
237.18	16.5	5.2	1571.4	1233.6	QVN	MA			py	85	4.48442	4.651865	Quartz vein hosting massive pyrite, blebby chalcopyrite. 1-15mm vugs in ankerite. Sample was broken with hammer; not cut. Edges are not straight. Weights are Estimates Only! Hjowever the difference value between air and water is valid.
									cp	2			
									ak	1			
240.61	9.8	5.2	527.2	330.7	FEL	PO	CLY	1I			2.533102	2.682952	Felsic dyke, weakly clay altered. Green coloured groundmass.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
243.19	9.8	5.2	524.3	326.8	FEL	PO	CLY	1I			2.519168	2.654684	Felsic dyke, weakly clay altered. Olive coloured groundmass.
247.11	9.8	5.2	544.6	347.9	GRD	MG	PHC	5I	py	2	2.616706	2.768683	Phyllic altered granodiorite bordering vein zone. Disseminated pyrite, crystalline sericite.
							SIL	4I	se	1			
247.87	9.5	5.2	520.3	327.9	GRD	MG	PRO	4I	ep	1	2.578895	2.704262	Propylitic altered granodiorite, bordering vein zone. Blebby epidote, crystalline biotite books.
									bi	2			
246.8	9.6	5.2	584.3	292.2	GRD	MG	ARG	4I			2.865947	2.000342	Moderate to strong argillic altered granodiorite
264.82	9.7	5.2	530	334.5	GRD	MG					2.572809	2.710997	Unaltered granodiorite
													EOH @ 267.31 meters

KLAZA

Hole: DDH-KL-12-88 **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
38.99	40.01	1.02	1.02	100	N810535	7				
40.01	41.76	1.75	1.75	100	N810536	7				
41.76	44.70	2.94	2.94	100	N810537	7				
44.70	47.61	2.91	2.91	100	N810538	7				
47.61	50.45	2.84	2.84	100	N810539	7				
50.45	53.13	2.68	2.68	100	N810540	7				
					N810541	7				Standard
53.13	54.59	1.46	1.46	100	N810542	7				
54.59	56.76	2.17	2.17	100	N810543	7				
56.76	57.97	1.21	1.21	100	N810544	7				
					N810545	7				Blank
57.97	59.50	1.53	1.53	100	N810546	7				
59.50	61.20	1.70	1.70	100	N810547	7				
61.20	62.28	1.08	1.08	100	N810548	7				
62.28	63.78	1.50	1.50	100	N810549	7				
63.78	66.44	2.66	2.66	100	N810550	7				
66.44	67.46	1.02	1.02	100	N810551	7				
67.46	68.94	1.48	1.48	100	N810552	7				
68.94	69.97	1.03	1.03	100	N810553	7				
69.97	72.77	2.80	2.80	100	N810554	7				
					N810555	7				Coarse Reject Duplicate
72.77	75.08	2.31	2.31	100	N810556	1				
					N810557	1				Standard 1
75.08	76.71	1.63	1.59	97.5	N810558	1				
76.71	77.86	1.15	1.15	100	N810559	1				
77.86	78.94	1.08	1.01	93.5	N810560	1				
78.94	79.95	1.01	1.01	100	N810561	1				
79.95	80.97	1.02	1.02	100	N810562	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N810563	1				Blank
80.97	83.05	2.08	2.06	99	N810564	1				
83.05	84.06	1.01	1.00	99	N810565	1				
84.06	85.40	1.34	1.28	95.5	N810566	1				
85.40	86.63	1.23	1.23	100	N810567	1				
86.63	88.04	1.41	1.30	92.2	N810568	1				
88.04	90.01	1.97	1.94	98.5	N810569	1				
90.01	91.30	1.29	1.02	79.1	N810570	1				
91.30	92.31	1.01	1.00	99	N810571	1				
					N810572	1				1/4 Duplicate
92.31	93.36	1.05	1.02	97.1	N810573	1				
					N810574	1				Blank
93.36	94.63	1.27	1.18	92.9	N810575	1				
94.63	95.67	1.04	1.04	100	N810576	1				
95.67	97.35	1.68	1.60	95.2	N810577	1				
97.35	100.10	2.75	1.90	69.1	N810578	1				
					N810579	1				Standard 1
100.10	101.13	1.03	1.03	100	N810580	1				
101.13	103.79	2.66	1.98	74.4	N810581	1				
103.79	105.10	1.31	1.30	99.2	N810582	1				
105.10	106.27	1.17	1.08	92.3	N810583	1				
106.27	107.59	1.32	1.31	99.2	N810584	1				
107.59	108.60	1.01	1.01	100	N810585	1				
					N810586	1				Coarse Reject Duplicate
108.60	110.42	1.82	1.82	100	N810587	1				
110.42	113.32	2.90	2.74	94.5	N810588	1				
113.32	115.33	2.01	2.04	101	N810589	1				
115.33	116.37	1.04	1.03	99	N810590	1				
116.37	117.45	1.08	1.04	96.3	N810591	1				
117.45	120.23	2.78	2.57	92.4	N810592	2				
					N810593	2				1/4 Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
120.23	123.11	2.88	2.88	100	N810594	2				
123.11	124.67	1.56	1.56	100	N810595	2				
124.67	125.73	1.06	1.06	100	N810596	2				
125.73	128.35	2.62	2.55	97.3	N810597	2				
128.35	129.53	1.18	1.18	100	N810598	2				
129.53	132.34	2.81	2.81	100	N810599	2				
132.34	133.56	1.22	1.22	100	N810600	2				
133.56	136.44	2.88	2.79	96.9	N810601	2				
					N810602	2				Coarse Reject Duplicate
136.44	137.66	1.22	1.22	100	N810603	2				
137.66	140.01	2.35	2.21	94	N810604	2				
140.01	142.37	2.36	2.36	100	N810605	2				
142.37	143.38	1.01	1.01	100	N810606	2				
					N810607	2				Standard 1
143.38	144.60	1.22	1.22	100	N810608	2				
144.60	146.56	1.96	1.96	100	N810609	2				
146.56	147.68	1.12	1.11	99.1	N810610	2				
147.68	148.70	1.02	1.02	100	N810611	2				
					N810612	2				Blank
148.70	150.12	1.42	1.41	99.3	N810613	2				
150.12	152.67	2.55	2.43	95.3	N810614	2				
					N810615	2				Standard 2
152.67	153.81	1.14	1.12	98.2	N810616	2				
153.81	156.21	2.40	2.08	86.7	N810617	2				
156.21	157.25	1.04	1.04	100	N810618	2				
157.25	158.92	1.67	1.40	83.8	N810619	2				
158.92	159.92	1.00	1.00	100	N810620	2				
					N810621	2				Blank
159.92	161.18	1.26	1.03	81.7	N810622	2				
161.18	162.24	1.06	1.05	99.1	N810623	2				
162.24	163.81	1.57	1.37	87.3	N810624	2				
163.81	165.81	2.00	2.00	100	N810625	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
165.81	167.43	1.62	1.49	92	N810626	2				
167.43	170.17	2.74	2.72	99.3	N810627	2				
					N810628	3				Standard 1
170.17	173.02	2.85	2.74	96.1	N810629	3				
173.02	174.21	1.19	1.19	100	N810630	3				
174.21	175.47	1.26	1.24	98.4	N810631	3				
					N810632	3				Blank
175.47	177.09	1.62	1.56	96.3	N810633	3				
177.09	178.80	1.71	1.71	100	N810634	3				
					N810635	3				1/4 Duplicate
178.80	180.14	1.34	1.23	91.8	N810636	3				
180.14	181.18	1.04	1.00	96.2	N810637	3				
181.18	182.80	1.62	1.62	100	N810638	3				
182.80	185.01	2.21	2.04	92.3	N810639	3				
185.01	186.01	1.00	0.99	99	N810640	3				
					N810641	3				Blank
186.01	187.14	1.13	1.13	100	N810642	3				
187.14	190.17	3.03	2.81	92.7	N810643	3				
190.17	192.26	2.09	1.75	83.7	N810644	3				
192.26	195.24	2.98	2.83	95	N810645	3				
195.24	198.21	2.97	2.88	97	N810646	3				
					N810647	3				Coarse Reject Duplicate
198.21	201.04	2.83	2.83	100	N810648	3				
201.04	204.09	3.05	3.03	99.3	N810649	3				
204.09	205.19	1.10	1.10	100	N810650	3				
205.19	206.19	1.00	1.00	100	N810651	3				
206.19	209.09	2.90	2.90	100	N810652	3				
					N810653	3				Standard 1
209.09	211.91	2.82	2.78	98.6	N810654	3				
211.91	214.79	2.88	2.84	98.6	N810655	3				
214.79	216.47	1.68	1.19	70.8	N810656	3				
216.47	219.02	2.55	1.69	66.3	N810657	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
219.02	221.85	2.83	2.68	94.7	N810658	3				
221.85	224.64	2.79	2.71	97.1	N810659	3				
224.64	227.40	2.76	2.76	100	N810660	3				
227.40	228.98	1.58	1.38	87.3	N810661	3				
228.98	230.02	1.04	1.04	100	N810662	3				
230.02	231.91	1.89	1.89	100	N810663	3				
					N810664	4				Standard 1
231.91	232.93	1.02	1.02	100	N810665	4				
232.93	234.71	1.78	1.70	95.5	N810666	4				
234.71	235.71	1.00	1.00	100	N810667	4				
					N810668	4				1/4 Duplicate
235.71	236.83	1.12	1.08	96.4	N810669	4				
236.83	239.41	2.58	2.58	100	N810670	4				
					N810671	4				Blank
239.41	240.96	1.55	1.55	100	N810672	4				
240.96	242.03	1.07	1.07	100	N810673	4				
242.03	243.83	1.80	1.79	99.4	N810674	4				
243.83	245.33	1.50	1.42	94.7	N810675	4				
245.33	247.42	2.09	1.91	91.4	N810676	4				
					N810677	4				Blank
247.42	248.47	1.05	1.05	100	N810678	4				
248.47	249.65	1.18	1.10	93.2	N810679	4				
249.65	251.14	1.49	1.47	98.7	N810680	4				
251.14	252.14	1.00	1.00	100	N810681	4				
252.14	253.25	1.11	1.11	100	N810682	4				
					N810683	4				Coarse Reject Duplicate
253.25	254.27	1.02	1.02	100	N810684	4				
254.27	255.81	1.54	1.47	95.5	N810685	4				
255.81	257.49	1.68	1.68	100	N810686	4				
257.49	260.20	2.71	2.71	100	N810687	4				
260.20	263.16	2.96	2.77	93.6	N810688	4				
263.16	264.35	1.19	1.19	100	N810689	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
264.35	265.40	1.05	1.05	100	N810690	4				
265.40	266.78	1.38	1.38	100	N810691	4				
										EOH @ 267.31 meters

KLAZA

Hole: DDH-KL-12-88 **Tech Name:Jamie Godfrey** **Date: July 21, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	0.00	0	-	-	-	-	-	-	
3.05	5.18	2.13	0.24	11	0.13	6.103		2	4S	3W	
5.18	8.23	3.05	2.55	84	1.57	51.48		2	4S	3W	
8.23	11.28	3.05	2.66	87	2.2	72.13		2	4S	2W	
11.28	14.33	3.05	2.77	91	1.82	59.67		2	4S	2W	
14.33	17.37	3.04	3.15	104	2.76	90.79		2	4S	2W	
17.37	20.42	3.05	2.82	92	1.75	57.38		2	3S	2W	
20.42	23.47	3.05	3.05	100	2.94	96.39		2	4S	2W	
23.47	26.52	3.05	3.05	100	2.25	73.77		2	3S	2W	
26.52	29.57	3.05	2.97	97	2.54	83.28		2	3S	2W	
29.57	32.61	3.04	2.89	95	2.87	94.41		2	5S	2W	
32.61	35.66	3.05	2.95	97	1.9	62.3		2	3S	2W	
35.66	38.71	3.05	3.05	100	1.8	59.02		2	3S	2W	
38.71	41.76	3.05	2.96	97	2.42	79.34		2	3S	3W	
41.76	44.81	3.05	2.94	96	2.31	75.74		2	3S	3W	
44.81	47.85	3.04	3.00	99	2.2	72.37		2	3S	3W	
47.85	50.90	3.05	2.75	90	1.7	55.74		2	3S	3W	
50.90	53.95	3.05	2.87	94	2.8	91.8		2	3S	3W	
53.95	57.00	3.05	3.05	100	2.15	70.49		2	3S	3W	
57.00	60.05	3.05	2.99	98	1.57	51.48		2	3S	3W	
60.05	63.09	3.04	2.93	96	2.26	74.34		2	2S	4W	
63.09	66.14	3.05	3.05	100	2.55	83.61		2	3S	2W	
66.14	69.19	3.05	3.03	99	2.31	75.74		2	3S	2W	
69.19	72.24	3.05	2.90	95	1.48	48.52		2	1S	2W	
72.24	75.29	3.05	3.02	99	2.35	77.05		2	3S	1W	
75.29	78.33	3.04	2.98	98	1.94	63.82		2	4S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.05	100	2.34	76.72		2	4S	2W	
81.38	84.43	3.05	3.03	99	1.6	52.46		2	3S	3W	
84.43	87.48	3.05	3.00	98	2.13	69.84		2	3S	3W	
87.48	90.53	3.05	2.75	90	1.7	55.74		2	2S	3W	
90.53	93.57	3.04	2.97	98	1.88	61.84		2	4S	1W	
93.57	96.62	3.05	3.05	100	1.88	61.56		2	4S	3W	
96.62	99.67	3.05	2.12	70	0.12	3.94		1	1S	4W	
99.67	102.72	3.05	2.40	79	1.2	39.34		1	2S	2W	
102.72	105.77	3.05	2.93	96	1.91	62.62		2	4S	1W	
105.77	108.81	3.04	3.04	100	1.34	44.08		2	3S	1W	
108.81	111.86	3.05	3.05	100	1.02	33.44		2	3S	1W	
111.86	114.91	3.05	3.05	100	1.89	61.97		2	4S	1W	
114.91	117.96	3.05	2.81	92	1.2	39.34		2	4S	3W	
117.96	121.01	3.05	3.00	98	1.33	43.61		1	2S	3W	
121.01	124.05	3.04	3.04	100	1.96	64.47		2	2S	1W	
124.05	127.10	3.05	2.93	96	1.08	35.41		1	4S	3W	
127.10	130.15	3.05	2.98	98	1.1	36.07		2	2S	1W	
130.15	133.20	3.05	2.99	98	1.44	47.21		2	3S	1W	
133.20	136.25	3.05	3.01	99	1.53	50.16		2	2S	1W	
136.25	139.29	3.04	2.84	93	1.72	56.58		2	2S	1W	
139.29	142.34	3.05	3.05	100	1.99	65.25		2	4S	1W	
142.34	145.39	3.05	3.05	100	1.39	45.57		1	0S	1W	
145.39	148.44	3.05	3.05	100	1.85	60.66		2	0S	1W	
148.44	151.49	3.05	2.94	96	1.88	61.64		2	1S	1W	
151.49	154.23	2.74	2.76	101	1.36	49.64		1	0S	1W	
154.23	157.58	3.35	2.76	82	2.06	61.49		2	4S	1W	
157.58	160.63	3.05	2.80	92	1.07	35.08		1	1S	1W	
160.63	163.68	3.05	2.84	93	2.12	69.51		2	1S	1W	
163.68	166.73	3.05	2.85	93	2	65.57		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.04	100	2.12	69.74		2	5S	1W	
169.77	172.82	3.05	3.02	99	2.74	89.84		2	4S	1W	
172.82	175.87	3.05	3.05	100	2	65.57		2	3S	1W	
175.87	178.92	3.05	2.94	96	1.98	64.92		2	4S	1W	
178.92	181.97	3.05	3.05	100	1.4	45.9		2	1S	1W	
181.97	185.01	3.04	2.85	94	1.65	54.28		2	4S	1W	
185.01	188.06	3.05	2.76	90	1.52	49.84		2	3S	1W	
188.06	191.11	3.05	2.90	95	0.84	27.54		1	1S	4W	
191.11	194.16	3.05	2.93	96	1.33	43.61		2	4S	1W	
194.16	197.21	3.05	3.02	99	1.53	50.16		2	5S	1W	
197.21	200.25	3.04	3.04	100	2.14	70.39		2	5S	1W	
200.25	203.30	3.05	3.05	100	1.09	35.74		2	4S	1W	
203.30	206.35	3.05	3.05	100	1.7	55.74		2	5S	1W	
206.35	209.40	3.05	3.05	100	2.04	66.89		2	4S	1W	
209.40	212.45	3.05	3.02	99	2.27	74.43		2	4S	1W	
212.45	215.49	3.04	2.60	86	1.73	56.91		2	4S	1W	
215.49	218.54	3.05	2.33	76	0.73	23.93		2	4S	1W	
218.54	221.59	3.05	3.05	100	1.63	53.44		2	4S	2W	
221.59	224.64	3.05	3.05	100	1.9	62.3		2	4S	1W	
224.64	227.69	3.05	2.94	96	1.51	49.51		2	4S	1W	
227.69	230.73	3.04	3.04	100	2.07	68.09		2	4S	1W	
230.73	233.78	3.05	2.99	98	2.35	77.05		2	5S	1W	
233.78	236.83	3.05	3.05	100	2.1	68.85		2	4S	1W	
236.83	239.88	3.05	3.05	100	2.62	85.9		2	4S	1W	
239.88	242.93	3.05	3.05	100	1.93	63.28		2	3S	1W	
242.93	245.97	3.04	3.00	99	1.5	49.34		2	2S	1W	
245.97	249.02	3.05	2.98	98	2.12	69.51		2	3S	1W	
249.02	252.07	3.05	3.05	100	2.85	93.44		2	3S	1W	
252.07	255.12	3.05	3.05	100	2	65.57		2	4S	1W	
255.12	258.17	3.05	3.05	100	2.75	90.16		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	2.92	96	2.03	66.78		2	3S	1W	
261.21	264.26	3.05	3.05	100	2.72	89.18		2	3S	1W	
264.26	267.31	3.05	3.00	98	2.82	92.46		2	3S	1W	EOH

KLAZA

Hole: DDH-KL-12-88 **Tech Name:** JAMIE GODFREY **Date:** JULY 18,2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05	3.05	-	-	-	-	-	-	
3.05	5.18	2.13	-	-	-	-	-	-	
5.18	8.23	3.05	-	-	-	-	-	-	
8.23	11.28	3.05	-	-	-	-	-	-	
11.28	14.33	3.05	65.00	0.70	0.00	2.00	3R	2W	
		0.00	45.00	0.25	0.00	2.00	2R	2W	
14.33	17.37	3.04	30.00	0.40	1.00	2.00	3R	2W	
17.37	20.42	3.05	30.00	0.60	0.00	2.00	2R	2W	
		0.00	65.00	0.30	0.00	2.00	3R	2W	
20.42	23.47	3.05	50.00	0.40	0.00	2.00	3R	2W	
23.47	26.52	3.05	85.00	0.50	0.00	2.00	3R	2W	
26.52	29.57	3.05	50.00	0.60	0.00	2.00	3R	2W	
29.57	32.61	3.04	60.00	0.80	1.00	2.00	2R	2W	
32.61	35.66	3.05	30.00	0.40	1.00	2.00	3R	2W	
35.66	38.71	3.05	-	-	-	-	-		
38.71	41.76	3.05	50.00	0.40	3.00	2.00	3R	3W	
41.76	44.81	3.05	60.00	0.20	0.00	2.00	3R	2W	
44.81	47.85	3.04	20.00	0.40	2.00	2.00	3R	2W	
47.85	50.90	3.05	55.00	0.80	0.00	2.00	3R	2W	
50.90	53.95	3.05	50.00	1.00	10.00	2.00	3R	3W	
53.95	57.00	3.05	60.00	0.20	7.00	2.00	3R	2W	
57.00	60.05	3.05	30.00	1.00	2.00	2.00	3R	3W	
60.05	63.09	3.04	50.00	0.50	0.00	2.00	3R	2W	
63.09	66.14	3.05	50.00	0.70	1.00	2.00	3R	3W	
66.14	69.19	3.05	60.00	0.60	0.00	2.00	3R	2W	
69.19	72.24	3.05	40.00	0.30	5.00	2.00	3R	2W	

KLAZA

72.24	75.29	3.05	60.00	0.50	4.00	2.00	3R	1W	
75.29	78.33	3.04	60.00	0.40	15.00	2.00	3R	3W	
78.33	81.38	3.05	60.00	0.15	0.00	2.00	3R	1W	
81.38	84.43	3.05	50.00	0.20	7.00	1.00	3R	3W	
84.43	87.48	3.05	65.00	0.30	5.00	2.00	3R	3W	
87.48	90.53	3.05	40.00	0.20	40.00	2.00	3R	3W	
90.53	93.57	3.04	55.00	0.15	10.00	2.00	3R	1W	
93.57	96.62	3.05	55.00	0.20	3.00	2.00	3R	2W	
96.62	99.67	3.05	-	-	-	-	-	-	rubble
99.67	102.72	3.05	40.00	0.10	1.00	2.00	3R	1W	
102.72	105.77	3.05	70.00	0.15	2.00	2.00	3R	1W	
105.77	108.81	3.04	60.00	0.40	1.00	2.00	3R	1W	
108.81	111.86	3.05	40.00	0.20	1.00	2.00	3R	1W	
111.86	114.91	3.05	65.00	0.30	5.00	2.00	3R	2W	
114.91	117.96	3.05	70.00	0.15	3.00	2.00	3R	1W	
117.96	121.01	3.05	25.00	0.50	4.00	2.00	3R	1W	
121.01	124.05	3.04	-	-	-	-	-	-	
124.05	127.10	3.05	-	-	-	-	-	-	
127.10	130.15	3.05	50.00	0.20	3.00	3.00	3R	1W	
130.15	133.20	3.05	40.00	0.15	0.00	2.00	3R	1W	
133.20	136.25	3.05	50.00	0.25	1.00	2.00	3R	1W	
136.25	139.29	3.04	60.00	0.30	2.00	2.00	3R	1W	
139.29	142.34	3.05	60.00	0.20	0.00	2.00	3R	1W	
142.34	145.39	3.05	60.00	0.20	0.00	2.00	3R	1W	
		0.00	45.00	0.15	0.00	2.00	2R	1W	
145.39	148.44	3.05	50.00	0.25	2.00	1.00	3R	1W	
148.44	151.49	3.05	80.00	0.30	1.00	2.00	2R	1W	
		0.00	35.00	0.20	0.00	2.00	2R	1W	
151.49	154.23	2.74	35.00	0.40	1.00	2.00	2R	1W	
154.23	157.58	3.35	30.00	0.80	1.00	2.00	2R	1W	
157.58	160.63	3.05	45.00	0.20	0.00	2.00	3R	1W	
		0.00	60.00	0.40	0.00	1.00	2R	1W	
160.63	163.68	3.05	45.00	0.50	1.00	2.00	2R	1W	
163.68	166.73	3.05	-	-	-	-	-	-	
166.73	169.77	3.04	30.00	0.35	0.00	2.00	3R	1W	
169.77	172.82	3.05	-	-	-	-	-	-	
172.82	175.87	3.05	55.00	0.30	0.00	2.00	3R	1W	
		0.00	40.00	0.60	3.00	2.00	3R	1W	

KLAZA

175.87	178.92	3.05	50.00	0.30	0.00	2.00	3R	1W	
178.92	181.97	3.05	60.00	0.15	10.00	2.00	3R	2W	
181.97	185.01	3.04	30.00	0.15	5.00	2.00	3R	1W	
185.01	188.06	3.05	60.00	0.15	0.00	2.00	3R	1W	
188.06	191.11	3.05	-	-	-	-	-	-	
191.11	194.16	3.05	20.00	0.35	7.00	2.00	3R	1W	
194.16	197.21	3.05	50.00	0.10	5.00	2.00	3R	1W	
197.21	200.25	3.04	65.00	0.50	0.00	2.00	3R	1W	
200.25	203.30	3.05	45.00	0.70	0.00	2.00	3R	1W	
203.30	206.35	3.05	20.00	0.50	0.00	2.00	3R	1W	
206.35	209.40	3.05	60.00	1.00	0.00	2.00	3R	1W	
209.40	212.45	3.05	-	-	-	-	-	-	
212.45	215.49	3.04	20.00	0.50	0.00	2.00	3R	1W	
215.49	218.54	3.05	-	-	-	-	-	-	
218.54	221.59	3.05	50.00	0.15	3.00	2.00	3R	1W	
221.59	224.64	3.05	25.00	0.20	0.00	2.00	3R	1W	
224.64	227.69	3.05	-	-	-	-	-	-	
227.69	230.73	3.04	55.00	0.40	0.00	2.00	3R	1W	
230.73	233.78	3.05	30.00	0.20	3.00	2.00	3R	1W	
233.78	236.83	3.05	35.00	0.30	2.00	2.00	3R	1W	
236.83	239.88	3.05	65.00	0.40	0.00	3.00	3R	1W	
239.88	242.93	3.05	50.00	0.10	0.00	2.00	3R	1W	
242.93	245.97	3.04	45.00	0.10	2.00	1.00	3R	1W	
245.97	249.02	3.05	60.00	0.20	0.00	2.00	3R	1W	
249.02	252.07	3.05	-	-	-	-	-	-	
252.07	255.12	3.05	40.00	0.65	4.00	1.00	3R	1W	
255.12	258.17	3.05	40.00	0.30	0.00	2.00	3R	1W	
258.17	261.21	3.04	45.00	0.70	0.00	2.00	3R	1W	
261.21	264.26	3.05	50.00	0.50	0.00	2.00	3R	1W	
264.26	267.31	3.05	-	-	-	-	-	-	EOH

KLAZA

Hole: DDH-KL-12-88 Date: July 21, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	OVB
2.00	n/a	OVB
3.00	n/a	OVB
4.00	n/a	OVB
5.00	14.90	
6.00	16.40	
7.00	13.90	
8.00	13.90	
9.00	15.00	
10.00	15.90	
11.00	17.30	
12.00	18.00	
13.00	16.10	
14.00	1.17	
15.00	18.70	
16.00	14.10	
17.00	15.50	
18.00	0.78	
19.00	12.90	
20.00	3.47	
21.00	17.10	
22.00	15.70	
23.00	18.00	
24.00	1.46	
25.00	16.60	
26.00	16.10	
27.00	16.60	
28.00	0.53	
29.00	17.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	19.10	
31.00	15.90	
32.00	16.30	
33.00	9.84	
34.00	0.51	
35.00	14.20	
36.00	16.20	
37.00	16.20	
38.00	1.84	
39.00	16.00	
40.00	14.50	
41.00	0.36	
42.00	16.90	
43.00	16.90	
44.00	15.10	
45.00	17.50	
46.00	15.50	
47.00	14.80	
48.00	14.60	
49.00	1.28	
50.00	11.60	
51.00	14.90	
52.00	0.49	
53.00	0.56	
54.00	0.27	
55.00	0.40	
56.00	0.34	
57.00	0.27	
58.00	0.25	
59.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.18	
61.00	1.04	
62.00	0.47	
63.00	13.40	
64.00	9.53	
65.00	17.10	
66.00	11.60	
67.00	0.34	
68.00	0.36	
69.00	0.31	
70.00	6.93	
71.00	5.92	
72.00	14.50	
73.00	0.49	
74.00	8.96	
75.00	17.50	
76.00	1.18	
77.00	5.65	
78.00	16.10	
79.00	10.50	
80.00	17.50	
81.00	15.50	
82.00	15.50	
83.00	10.00	
84.00	3.01	
85.00	0.23	
86.00	0.21	
87.00	0.18	
88.00	0.40	
89.00	3.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.40	
91.00	0.21	
92.00	18.90	
93.00	0.34	
94.00	0.25	
95.00	0.21	
96.00	0.42	
97.00	0.16	
98.00	0.12	
99.00	0.23	
100.00	0.31	
101.00	0.58	
102.00	0.47	
103.00	0.20	
104.00	0.27	
105.00	0.29	
106.00	0.43	
107.00	13.20	
108.00	19.40	
109.00	0.64	
110.00	17.00	
111.00	12.40	
112.00	10.50	
113.00	19.80	
114.00	1.04	
115.00	4.81	
116.00	12.30	
117.00	7.53	
118.00	1.07	
119.00	1.84	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.23	
121.00	0.20	
122.00	0.38	
123.00	0.49	
124.00	4.70	
125.00	0.25	
126.00	0.27	
127.00	2.85	
128.00	0.27	
129.00	3.38	
130.00	4.59	
131.00	4.09	
132.00	4.55	
133.00	1.46	
134.00	10.30	
135.00	8.91	
136.00	0.34	
137.00	0.29	
138.00	0.31	
139.00	15.50	
140.00	13.70	
141.00	17.30	
142.00	6.24	
143.00	0.51	
144.00	16.50	
145.00	13.70	
146.00	1.00	
147.00	13.40	
148.00	11.20	
149.00	12.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	14.20	
151.00	14.90	
152.00	15.70	
153.00	4.42	
154.00	13.80	
155.00	16.40	
156.00	0.73	
157.00	0.21	
158.00	2.48	
159.00	0.49	
160.00	11.10	
161.00	6.95	
162.00	13.70	
163.00	13.00	
164.00	15.60	
165.00	13.90	
166.00	6.18	
167.00	17.90	
168.00	18.20	
169.00	21.60	
170.00	21.50	
171.00	6.36	
172.00	1.61	
173.00	4.04	
174.00	3.20	
175.00	0.84	
176.00	2.47	
177.00	4.17	
178.00	1.93	
179.00	17.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	10.00	
181.00	2.67	
182.00	21.40	
183.00	12.20	
184.00	16.00	
185.00	19.60	
186.00	12.40	
187.00	3.00	
188.00	11.30	
189.00	2.76	
190.00	4.95	
191.00	10.60	
192.00	5.14	
193.00	12.60	
194.00	20.70	
195.00	17.60	
196.00	21.90	
197.00	19.30	
198.00	19.10	
199.00	19.10	
200.00	19.20	
201.00	19.40	
202.00	17.80	
203.00	8.10	
204.00	2.83	
205.00	7.00	
206.00	19.30	
207.00	21.10	
208.00	3.76	
209.00	21.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	6.80	
211.00	20.60	
212.00	3.00	
213.00	25.30	
214.00	15.30	
215.00	15.30	
216.00	15.30	
217.00	11.90	
218.00	13.10	
219.00	2.85	
220.00	4.39	
221.00	7.41	
222.00	1.90	
223.00	10.40	
224.00	15.90	
225.00	9.73	
226.00	0.62	
227.00	0.34	
228.00	3.01	
229.00	0.43	
230.00	0.58	
231.00	0.56	
232.00	1.95	
233.00	0.27	
234.00	0.32	
235.00	5.41	
236.00	3.64	
237.00	0.27	
238.00	0.09	
239.00	0.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.32	
241.00	0.18	
242.00	0.36	
243.00	0.29	
244.00	0.29	
245.00	0.40	
246.00	0.05	
247.00	0.12	
248.00	5.96	
249.00	0.38	
250.00	0.49	
251.00	7.99	
252.00	2.45	
253.00	15.20	
254.00	1.04	
255.00	7.92	
256.00	1.29	
257.00	0.43	
258.00	0.36	
259.00	17.40	
260.00	12.80	
261.00	17.10	
262.00	6.88	
263.00	16.50	
264.00	16.10	
265.00	16.70	
266.00	15.70	
267.00	15.10	EOH

KLAZA

Hole: **DDH-KL-12-88** **Date: July 2012**

Box #	From (m)	To (m)
1	3.05	11.02
2	11.02	16.62
3	16.62	22.05
4	22.05	27.47
5	27.47	33.18
6	33.18	38.71
7	38.71	44.69
8	44.69	50.54
9	50.54	56.42
10	56.42	61.91
11	61.91	67.38
12	67.38	73.04
13	73.04	78.33
14	78.33	84.00
15	84.00	89.46
16	89.46	94.91
17	94.91	100.60
18	100.60	106.65
19	106.65	111.96
20	111.96	117.45
21	117.45	122.61
22	122.61	127.92
23	127.92	133.25
24	133.25	138.67
25	138.67	143.79
26	143.79	149.03
27	149.03	154.53
28	154.53	160.04
29	160.04	165.71

KLAZA

30	165.71	171.20
31	171.20	176.69
32	176.69	182.23
33	182.23	188.18
34	188.18	193.73
35	193.73	198.92
36	198.92	204.20
37	204.20	209.65
38	209.65	216.00
39	216.00	221.84
40	221.84	227.60
41	227.60	233.23
42	233.23	238.50
43	238.50	243.87
44	243.87	249.65
45	249.65	255.40
46	255.40	261.21
47	261.21	266.88
48	266.88	267.31
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382741.94	6889442.4	1435.637	221.59

SECTION:

HOLE: KL-DDH-12-89

CLAIM: YC37990

Contractor: Swiftsure

Drill: 1

Core size: HQ Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 21-23, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	1.72	1.72	OVB	15ft casing and overburden.
1.72	50.93	49.21	GRD	Unaltered granodiorite with patchy propyllitic alteration, phyllic vein envelopes, and oxide staining.
50.93	73.85	22.92	GRD	Weak propyllitic with patchy argillic and phyllic vein envelopes on crosscutting quartz veins.
73.85	83.63	9.78	GRD	Moderate argillic around a thick mineralized vein zone with moderate oxidation and clay alteration.
83.63	90.75	7.12	GRD	Intensely silica flooded granodiorite.
90.75	102.30	11.55	GRD	Weakly propyllitic crosscut by mineralized quartz veins and veinlets with phyllic envelopes.
102.30	109.35	7.05	GRD	Unaltered granodiorite with patchy propyllitic alteration, phyllic vein envelopes, and oxide staining.
109.35	141.52	32.17	GRD	Weak-moderate propyllitic granodiorite with patches of argillic, and phyllic vein envelopes on quartz veins.
141.52	181.61	40.09	GRD	Moderate argillic granodiorite with patchy propyllitic and phyllic vein envelopes.
181.61	221.59	39.98	GRD	Moderate propyllitic granodiorite crosscut by quartz-calcite veins with phyllic envelopes.
				EOH

SAMPLES

Numbers: N828001 - N828229

Total: 229

Batch: 87-3; 89-1, 98-2, 89-3, 89-4

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-DDH-12-89 **Logger Name:** Teresa Cruz **Date: July 26, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	1.72	1.72					OVB														15ft casing and overburden.
1.72	50.93	49.21				mKgW	GRD	MG	LT	GY	FR	3I									Unaltered granodiorite with patchy propyllitic alteration and phyllic vein envelopes. Oxidation stains fractures until 58m depth, where stains are uncommon. Several short oxidized gouge regions are broken down to noncohesive grains. Granodiorite is crosscut by mineralized quartz veins and veinlets.
									MD												
			4.05	4.72	0.67	mKgW	GRD	MG	LT	GY		1I		PRO	3I						Moderately propyllitic granodiorite, rich in dark green chlorite.
									MD	GN											
			46.49	50.93	4.44	mKgW	GRD	MG	LT	GY	RB	2I		ARG	4I						Strong argillic granodiorite with oxide-stained clay alteration on fractures. Host to a thick vein zone, with many crosscutting quartz veins hosting pyrite, sphalerite, and galena.
										OR	GO			CLY	3I						
50.93	73.85	22.92				mKgW	GRD	MG	MD	GY		2I		PRO	2I						Weak propyllitic envelope with patchy argillic and phyllic vein envelopes and weak oxide staining. Crosscut by mineralized quartz veins and host to a vein zone with a phyllic (inner) and argillic (outer) halo.
										GN											
			54.36	62.38	8.02	mKgW	GRD	MG	MD	GY	RB	3I		ARG	3I	2.00		Gn	2.00		Moderate argillic envelope around a thick mineralized vein zone with moderate
										OR				PHC	3I						
			62.38	66.75	4.37	mKgW	GRD	MG	MD	GY	RB			PHC	3I						Weak-moderate phyllic with patchy argillic and moderate silica-flooding, obliterating
										GN				ARG	2I						
			67.71	69.73	2.02	mKgW	GRD	MG	LT	GY				PHC	4I						Intense phyllic alteration due to many crosscutting mineralized quartz veins with phyllic
										GN											
73.85	83.63	9.78				mKgW	GRD	MG	LT	WH	PA			ARG	3I						Moderate argillic granodiorite with crosscutting mineralized quartz veins with phyllic envelopes. Patchy propyllitic alteration.
									MD	GN				PHC	2I						
			75.29	76.36	1.07	mKgW	GRD	MG	MD	GN				PRO	3I						Moderate propyllitic with phyllic vein envelopes on crosscutting veins.
83.63	90.75	7.12				mKgW	GRD	MG	MD	GN			3I	PHC	3I						Moderate-strongly silicified granodiorite with many quartz eyes. Crosscut by mineralized veins/veinlets.
														PRO	2I						
90.75	102.30	11.55				mKgW	GRD	MG	LT	GY				PRO	2I						Weakly propyllitic granodiorite crosscut by mineralized quartz veins and veinlets with phyllic envelopes.
			94.89	96.57	1.68	mKgW	GRD	MG	LT	GY				PHC	4I						Strongly phyllic envelope overprinting moderate argillic. Crosscut by many mineralized quartz veins.
									MD	GN				ARG	3I						
102.30	109.35	7.05				mKgW	GRD	MG	LT	GY		2I									Unaltered granodiorite with phyllic vein envelopes and oxide-stained fracture faces.
									MD												
109.35	141.52	32.17				mKgW	GRD	MG	MD	GY				PRO	2I						Weak-moderate propyllitic granodiorite over a long interval. Crosscutting veins/veinlets have phyllic envelopes. Short argillic patches, and phyllic intervals where vein envelopes overlap.
										GN											
			127.10	129.62	2.52	mKgW	GRD	MG	LT	WH				ARG	3I						Dominantly argillic, with phyllic vein envelopes on crosscutting mineralized veins.
										GN				PHC	3I						
			135.24	138.40	3.16	mKgW	GRD	MG	LT	GY	GO			PHC	4I						Moderate phyllic granodiorite crosscut by several thick, mineralized quartz veins, and two short gouge zones.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
										GN											
141.52	181.61	40.09				mKgW	GRD	MG	LT	WH	RB	2I		ARG	3I						Moderate argillic granodiorite, more rubble where argillic alteration is intense. Patchy propyllitic, with phyllic vein envelopes on crosscutting mineralized veins.
										GN											
			142.69	146.80	4.11	mKgW	GRD	MG	LT	GY		2I		PHC	3I						Moderate phyllic altered granodiorite with many crosscutting mineralized quartz veins.
									MD	GN				ARG	2I						
			151.31	154.97	3.66	mKgW	GRD	MG	LT	GY				ARG	3I						Moderate argillic with phyllic vein envelopes around crosscutting veins (of which, there are two).
									MD	GN				PHC	2I						
			154.97	157.46	2.49	mKgW	GRD	MG	LT	GY				PRO	4I						Strong propyllitic granodiorite with a phyllic envelope around the single crosscutting vein.
									MD	GN											
			157.46	161.64	4.18	mKgW	GRD	MG	LT	GY				PHC	3I						Moderate phyllic vein envelopes that overlap and totally overprint and early argillic altered granodiorite. Crosscut by mineralized quartz veins.
									MD	GN				ARG	1I						
			161.64	162.75	1.11	mKgW	GRD	MG	LT	GY				PRO	3I						Moderate propyllitic granodiorite crosscut by a thick aplite dyke.
									MD	GN											
			163.93	165.11	1.18	mKgW	GRD	MG	LT	GY				PRO	3I						Moderately propyllitic granodiorite.
									MD	GN											
			165.11	166.73	1.62	mKgW	GRD	MG	LT	GY				PHC	3I						Moderate phyllic due to closely spaced mineralized quartz veins.
									MD	GN		1I									
			176.96	178.75	1.79	LKqP	FEL	FG	LT	GY	PO										Fine-grained light-medium grey quartz feldspar porphyry dyke, with 1-2mm quartz and feldspar phenocrysts. Heavily crosscut by calcite veins from 178.20-178.775m. Weak oxide staining.
									MD												
			179.46	181.61	2.15		MAF	FG	DK	GY	PO										Dark grey fine-grained mafic porphyry dyke with 1-5mm sericite-altered feldspar phenocrysts.
181.61	221.59	39.98				mKgW	GRD	MG	MD	GY	XL										Moderate propyllitic granodiorite with patchy argillic and phyllic vein envelopes. Crosscut by mineralized quartz veins.
										GN	PA			PRO	3I						
			184.50	186.07	1.57	mKgW	GRD	MG	LT	GY											Moderate argillic altered granodiorite crosscut by three quartz veinlets and one large calcite vein.
										GN				ARG	3I						
			202.95	205.41	2.46	mKgW	GRD	MG	LT	GY				PHC	3I						Moderate argillic altered granodiorite crosscut by mineralized quartz veins with phyllic envelopes.
									MD	GN				ARG	3I						
														PHC	3I						
			210.26	215.28	5.02	LKqP	FEL	FG	LT	TN	PO										Green-tan fine-grained quartz feldspar porphyry dyke, with green sericite-altered 1-3mm feldspar phenocrysts. Dyke colour darkens within 10 cm of both up and downhole contacts. Unmineralized dyke selvedges.
									MD	GN											
																					EOH

KLAZA

Hole: KL-DDH-12-89 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
166.73		60 degree contact between HW (Hanging Wall) argillic granodiorite and FW (Foot Wall) quartz feldspar porphyry dyke. Sharp and weakly mineralized contact.
178.75		Obscured contact between HW quartz feldspar porphyry dyke and FW argillic granodiorite. Very heavily crosscut by thick yellow-white massive calcite veins.
179.46		70 sharp contact between HW argillic granodiorite and FW mafic porphyry dyke.
181.61		50 degree sharp contact between HW mafic porphyry dyke and FW propyllitic granodiorite.
210.26		60 degree sharp contact between HW granodiorite and FW quartz feldspar porphyry dyke.
215.28		80 degree sharp, undulatory contact between HW quartz feldspar porphyry dyke and FW propyllitic granodiorite.
		EOH

KLAZA

Hole: KL-DDH-12-89 **Logger Name:** Teresa Cruz **Date:** July 27, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	7.71	7.72	40.00			Py	5.00	White massive calcite veinlet with blebby pyrite at its edges. Weakly orange oxide-stained at its borders. Well-formed sericite at borders.	
						Se	2.00		
VT	9.11	13.91	80.00		13.00	Py	3.00	White banded quartz veinlets with dark green chlorite borders and blebby pyrite.	
VT	16.91	16.91	70.00			Py	2.00	White weakly banded quartz veinlet with disseminated pyrite.	
VT	18.41	18.42	80.00			Py	3.00	White weakly banded quartz veinlet with disseminated pyrite and euhedral sericite hexagons.	
						Se	2.00		
VN	20.13	20.16	80.00			Py	6.00	White massive calcite vein with creamy-yellow comb-banded quartz borders. Hosts oxidized honey brown sphalerite and disseminated pyrite.	
						Sp	5.00		
VN	22.13	22.15	70.00			Py	20.00	Smoky quartz vein with interstitial white massive calcite, blebby-massive pyrite, and arsenopyrite disseminated amongst the pyrite.	
						As	2.00		
						Ca	15.00		
VN	26.31	26.33	50.00			Py	3.00	Grey-white mossy quartz vein with disseminated pyrite.	
VN	30.70	30.72	80.00			Py	6.00	Translucent quartz vein that is poorly defined and bleeds out into the surrounding host rock. Hosts disseminated-blebby pyrite.	
VT	33.63	33.64	70.00			Py	4.00	White massive calcite veinlet with dark green chlorite borders and disseminated pyrite in its phyllic envelope.	
VT	35.51	35.52	90.00			Py	8.00	White massive calcite veinlet with dark green chlorite borders and disseminated pyrite in its phyllic envelope.	
VN	37.42	37.43	70.00			Py	3.00	White massive calcite veinlet with dark green chlorite borders and disseminated pyrite in its phyllic envelope.	
VT	38.05	38.60	30.00			Py	2.00	White weakly banded quartz veins with dark green chlorite borders and disseminated pyrite.	
VT	39.31	39.47	90.00			Py	3.00	White massive quartz veinlets with dark green chlorite borders and disseminated pyrite.	
VN	44.13	44.17	90.00			Py	7.00	Smoky-grey-milky quartz vein. Milky quartz is mostly in netted veinlets. Smoky and grey quartz hosts disseminated pyrite.	
VN	47.00	47.20	40.00			Py	4.00	Thick vein of mostly grey quartz with white massive calcite inclusion. Hosts disseminated pyrite and disseminated galena. Rubbly recovery.	
						Gn	1.00		
VN	48.25	48.24	40.00			Py	10.00	Grey quartz vein crosscut by netter milky quartz-carbonate vein system. Smoky quartz hosts disseminated pyrite, blebby galena, and disseminated arsenopyrite. Vein is rubbly, vuggy, and orange-stained due to oxidation.	
						Gn	6.00		
						As	3.00		
GO	48.85	49.90	90.00					Thick gouge zone, with moderate oxide staining.	
VT	51.24	51.84	70.00		3.00	Py	3.00	White massive quartz veinlets with dark green chlorite borders and disseminated pyrite.	
VN	53.15	53.17	60.00			Py	2.00	White translucent quartz veinlet with disseminated pyrite and arsenopyrite.	
						As	3.00		
VN	55.57	56.51	80.00			Py	25.00	Intense 1m thick vein zone that is rubbly and heavily oxidized. Early stage smoky quartz vein with later netted milky quartz veins crosscutting it. Cracks and oxide staining are pervasive. Smoky-milky quartz are vuggy. Smoky quartz hosts large (>2cm) massive galena, blebby-disseminated pyrite (with pyrite stringers), and disseminated arsenopyrite.	
						Gn	30.00		
						As	2.00		
GO	56.27	56.47	80.00					Strongly gouged vein zone with few veins.	
VN	56.85	57.08	30.00			Py	8.00	2cm thick smoky quartz vein brecciated by netted milky quartz veins. Smoky quartz hosts disseminated pyrite and blebby galena.	
						Gn	6.00		
VN	57.28	57.45	60.00			Py	4.00	Milky-white vuggy quartz vein with oxide-stained borders, hosting disseminated-blebby pyrite and blebby sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	5.00		
VT	57.47	57.48	45.00			Py	80.00	Thin (2mm) pyrite-arsenopyrite veinlet.	
						As	20.00		
VN	57.65	57.73	50.00			Py	3.00	Weakly gouged smoky quartz vein hosting disseminated pyrite.	
VN	57.74	57.78	90.00			Py	5.00	White massive quartz vein next to a smoky quartz veinlet, both of which are oxide stained along cracks. Hosts disseminated pyrite.	
VN	57.85	57.87	70.00			Py	2.00	White, weakly banded quartz vein with disseminated pyrite.	
VT	58.23	58.24	70.00			Py	15.00	2mm smoky quartz veinlet with disseminated pyrite and disseminated arsenopyrite.	
						As	5.00		
VN	58.46	59.16	80.00		7.00	Py	7.00	Seven milky, vuggy quartz veins of varying thickness (1mm-2cm) all hosting blebby-disseminated pyrite, blebby honey brown sphalerite, and disseminated arsenopyrite.	
						Sp	4.00		
						As	3.00		
VT	59.29	59.58	65.00		3.00			Off-white weakly crustiform quartz veins with no mineralization.	
VN	61.64	61.68	70.00			Py	5.00	Alternating bands of grey-milky quartz, with grey quartz hosting disseminated pyrite.	
GO	61.83	63.92	60.00					Heavily gouged fault trace.	
VT	64.29	64.30	80.00			Py	8.00	Indistinct cream-white quartz veinlet with disseminated-blebby pyrite.	
VN	66.45	66.55	90.00			Py	6.00	Rubbly-clay altered smoky quartz vein with disseminated pyrite.	
VT	66.65	66.66	80.00			Py	7.00	Smoky quartz veinlet with disseminated pyrite.	
ST	67.45	67.70	20.00		2.00			Two thin pyrite stringers with dark green chlorite borders.	
VN	67.97	67.99	70.00			Py	10.00	Smoky-milky-grey banded quartz vein with disseminated-blebby pyrite and disseminated-blebby arsenopyrite.	
						As	2.00		
VT	68.22	68.50	60.00		2.00	Py	8.00	Two off-white quartz veinlets with disseminated pyrite.	
VN	68.54	68.94	90.00		2.00	Py	20.00	Grey-smoky quartz vein crosscut by two off-white vuggy chalcedony veinlets. Grey-smoky quartz hosts blebby-massive pyrite, blebby galena, and blebby sphalerite.	
						Gn	4.00		
						Sp	3.00		
						Ch	15.00		
VT	69.19	69.82	80.00		10.00	Py	2.00	Ten off-white quartz veinlets hosting disseminated pyrite.	
VT	71.24	71.25	90.00			Py	1.00	Vuggy off-white quartz veinlet with weakly disseminated pyrite.	
VT	71.68	71.70	20.00			Py	5.00	Dark green chlorite veinlet hosting disseminated-blebby pyrite.	
VT	72.71	73.55	70.00		4.00	Py	1.00	Off-white quartz veinlets with weakly disseminated pyrite.	
VT	74.73	74.75	80.00		2.00	Py	2.00	Smoky-white weakly banded quartz veinlets with disseminated pyrite.	
VT	74.19	75.08	80.00		8.00	Py	3.00	White quartz veinlets with narrow phyllic envelopes, hosting disseminated pyrite.	
VN	75.41	75.47	80.00			Py	2.00	White massive quartz vein with indistinct borders, paralleled by a cream-pink chalcedony veinlet. Hosts disseminated pyrite.	
						Ch	6.00		
ST	75.76	76.31	45.00		3.00			Three discontinuous pyrite stringers with dark green chlorite borders.	
VT	77.05	77.06	90.00		2.00	Py	8.00	Thin smoky-grey quartz veinlets with blebby pyrite.	
VN	77.12	77.22	90.00			Py	6.00	Grey massive quartz vein with crosscutting white-milky quartz veinlets. Hosts blebby pyrite and sericite.	
						Se	3.00		
VT	78.73	78.75	60.00			Py	6.00	White massive quartz veinlet with disseminated-blebby pyrite.	
VN	79.76	79.88	45.00			Py	25.00	Thick grey quartz vein with parallel white quartz veinlets and two massive pyrite veinlets.	
VN	79.94	80.05	30.00			Py	5.00	Grey-milky quartz in alternating bands, hosting disseminated pyrite.	
VT	80.31	80.33	20.00			Py	4.00	Milky, vuggy quartz veinlet with pink chalcedony around vugs. Hosts blebby-disseminated pyrite.	
VN	81.52	81.54	90.00			Py	6.00	White-grey quartz vein hosting disseminated pyrite.	
VN	82.05	82.10	20.00			Ca	30.00	Pink-white chalcedony vein with interstitial layers of white calcite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	82.37	82.38	45.00			Py	3.00	Grey quartz veinlet with white quartz borders. Grey quartz hosts disseminated pyrite.	
VN	83.45	83.62	60.00			Py	3.00	Smoky-grey massive quartz vein that has been crosscut by a thick milky massive quartz vein. Milky quartz is crackled and stained orange by oxidation along the cracks. Smoky quartz hosts disseminated-blebby pyrite, disseminated sphalerite, and disseminated arsenopyrite.	
						Sp	2.00		
						As	1.00		
VT	83.78	83.79	45.00			Py	20.00	Smoky quartz veinlet with disseminated-blebby pyrite.	
VT	84.85	84.46	80.00			Py	1.00	Massive white quartz veinlet with weakly disseminated pyrite.	
VN	85.12	85.15	45.00			Py	10.00	Vuggy milky quartz vein with smoky quartz veinlet borders. Hosts disseminated-blebby pyrite.	
VT	86.49	86.55	45.00		2.00	Py	10.00	White discontinuous quartz veinlets with blebby pyrite and chalcopyrite.	
						Cp	2.00		
VN	87.96	88.02	30.00			Py	3.00	White-grey-pink massive quartz vein with disseminated-blebby pyrite at its edges.	
VN	88.13	88.17	40.00		2.00			Netted pink-white chalcedony veinlets.	
VT	89.40	89.41	60.00			Ca	7.00	Off-white vuggy chalcedony veinlet, with calcite-filled vugs.	
ST	89.91	91.43	60.00		5.00			Five narrow groups of <1mm thick discontinuous pyrite stringers with dark green chlorite borders.	
VN	90.00	90.11	30.00			Py	10.00	Milky quartz-calcite vein with smoky quartz veinlet on its downhole border. Hosts blebby-disseminated pyrite and disseminated arsenopyrite.	
						As	2.00		
						Ca	10.00		
DY	95.00	95.15	90.00					Flow banded quartz feldspar porphyry dyke, with 2mm clay altered feldspar phenocrysts.	
VT	95.35	95.37	80.00			Py	6.00	Milky-smoky quartz veinlet with smoky quartz hosting disseminated pyrite.	
VN	95.48	95.56	90.00			Py	8.00	Thick grey-smoky quartz vein. Smoky quartz is vugs and weakly oxide stained. Smoky quartz contains brecciated clasts of white calcite. Smoky-grey quartz hosts disseminated pyrite and arsenopyrite.	
						As	2.00		
						Ca	10.00		
VN	95.65	95.81	90.00		2.00	Py	7.00	White-grey indistinct veins hosting disseminated-blebby pyrite and sericite crystals.	
						Se	1.00		
VN	95.93	95.94	90.00			Py	2.00	Milky quartz vein hosting disseminated pyrite.	
VT	100.87	100.88	70.00			Py	10.00	Milky-white quartz veinlet with dark green chlorite hosting disseminated pyrite.	
VT	103.39	105.41	80.00		2.00	Py	5.00	Milky-white quartz veinlet with dark green chlorite hosting disseminated pyrite.	
VT	105.54	105.55	70.00			Py	10.00	Milky quartz vein hosting blebby pyrite.	
VT	105.81	105.82	60.00			Py	2.00	White quartz-carbonate veinlet with disseminated pyrite.	
						Ca	40.00		
ST	106.05	107.52	50.00		27.00	Py	5.00	Many discontinuous pyrite stringers with dark green chlorite borders.	
VT	110.86	110.87	90.00			Py	15.00	White quartz veinlet with blebby-disseminated pyrite.	
VN	111.98	112.02	80.00			Py	1.00	Milky massive quartz veinlets bordering a white quartz-calcite vein, hosting disseminated pyrite.	
						Ca	25.00		
VN	112.10	112.11	80.00			Py	6.00	White-smoky weakly crustiform quartz vein with disseminated-blebby pyrite.	
VT	112.15	112.16	90.00			Py	10.00	Milky massive quartz veinlet with disseminated pyrite along its outer edges.	
VN	121.83	121.86	45.00			Py	6.00	Grey massive quartz vein with smoky quartz veinlet borders. Hosts disseminated-blebby pyrite, most strongly concentrated along the grey-smoky contact.	
VT	122.43	122.44	45.00			Py	15.00	White massive quartz vein with blebby pyrite.	
VN	122.85	122.87	80.00			Py	20.00	Alternating 1mm bands of milky-smoky massive quartz making a 1.2cm thick vein. Hosts large blebs of pyrite.	
ST	123.98	123.99	35.00					Discontinuous pyrite stringers with dark green chlorite borders.	
VT	125.24	125.25	90.00			Py	4.00	Cream-grey massive quartz veinlet, each colour approximately 15mm thick, hosting disseminated pyrite.	
VN	126.63	126.65	90.00			Py	3.00	White quartz vein with indistinct borders, hosting disseminated pyrite.	
VT	127.95	127.96	80.00			Py	3.00	White weakly banded quartz veinlet with disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	128.12	128.26	60.00					Gouged phyllic granodiorite preceding a thick vein.	
VN	128.26	128.42	50.00			Py	3.00	Thick vein with 12cm of phyllic granodiorite brecciated by grey-translucent quartz. Final 14cm is massive smoky quartz with bands of vuggy milky quartz. Host disseminated pyrite.	
VN	129.28	129.29	30.00			He	15.00	Green epidote vein with discontinuous red hematite hosted within it.	
VN	135.93	135.97	35.00			Py	2.00	Weakly banded white-milky quartz vein with discontinuous smoky quartz veinlets within. Milky-white quartz is weakly vuggy, and hosts disseminated pyrite.	
GO	136.21	136.50	35.00			Py	1.00	Moderately gouged phyllic granodiorite with disseminated pyrite.	
VN	136.70	136.80	45.00			Py	1.00	Pink-white chalcedony vein with interstitial calcite, hosting weakly disseminated pyrite.	
VN	136.88	136.92	45.00			Py	2.00	Vuggy, milky quartz vein crosscut by netted smoky veinlets. Both hosting disseminated pyrite.	
GO	137.27	137.43	40.00			Ca	6.00	Moderately gouged phyllic granodiorite with 2-3cm thick massive yellow-cream calcite vein.	
VT	139.05	139.06	60.00			Py	1.00	3mm thick quartz veinlet; 1.5mm creamy quartz, 1.5mm white quartz, with weakly disseminated pyrite.	
VN	139.70	139.75	45.00			Py	1.00	Grey-smoky-white banded quartz vein with disseminated pyrite.	
VT	142.97	143.33	90.00		3.00	Py	10.00	Three narrow grey-white quartz veinlets with blebby-disseminated pyrite.	
VN	143.17	143.51	90.00		2.00	Py	6.00	Two veins (1cm and 6cm respectively) of compositions: white-translucent quartz, that is often comb or in euhedral long hexagonal prisms. Large zoned honey brown sphalerite crystals are up to 1cm long and truncated squares. Also hosts blebby galena and blebby pyrite.	
					2.00	Sp	8.00		
					5.00	Gn	3.00		
VT	143.57	143.73	80.00			Py	1.00	Two milky-cream netted quartz veinlets hosting disseminated pyrite.	
VT	144.01	144.22	70.00			Py	15.00	Five white-smoky-grey quartz veins leading to a thick quartz vein. Veinlets are generally banded white-green-smoky hosting blebby-disseminated pyrite.	
VN	144.22	144.37	90.00			Py	25.00	Thick quartz vein. 9cm of grey quartz that brecciated the phyllic granodiorite host and contains clasts of granodiorite and broken milky quartz veinlets. Then 14cm of smoky-grey quartz brecciated by later milky quartz veins. All quartz hosts blebby-disseminated pyrite.	x
VN	145.05	145.09	50.00			Py	6.00	Smoky-grey massive quartz vein crosscut by vuggy milky quartz veinlets.	
VT	145.71	145.72	45.00					2mm thick pyrite veinlet.	
VT	146.40	146.42	70.00			Py	1.00	White weakly crustiform quartz veinlet that splits and rejoins itself. Hosts weakly disseminated pyrite.	
VN	146.51	146.58	90.00			Py	5.00	Dominantly grey translucent quartz with fine perpendicular cracks. Hosts disseminated-blebby pyrite.	
VN	148.23	148.25	50.00			Py	6.00	Netted cream-off-white quartz vein with moderate oxide staining, a 1cm phyllic envelope, and hosting disseminated pyrite.	
VN	148.35	148.39	40.00			Py	2.00	Grey clay altered quartz vein with banded texture, hosting disseminated-blebby pyrite.	
VT	150.68	150.95	40.00		5.00	Py	6.00	Five <1mm thick white quartz veinlets with dark green chlorite borders, hosting disseminated pyrite.	
VN	153.93	153.86	90.00			Py	8.00	Grey-smoky-milky quartz vein with disseminated pyrite and weakly disseminated arsenopyrite.	
						As	1.00		
VT	159.35	159.36	90.00			Py	3.00	Grey quartz veinlet with indistinct edges, hosting disseminated pyrite and a discontinuous smoky quartz veinlet.	
VN	159.65	159.70	40.00					White indistinct quartz that bleeds out into host granodiorite. Slickensided chlorite veinlet within it.	
VN	160.00	160.63	40.00			Py	2.00	Thick zone brecciated by a network of white-grey massive calcite veins. Crosscuts three milky quartz veins hosting disseminated pyrite.	
GO	160.63	160.66	45.00					Gouged calcite and granodiorite, with high dumortierite content producing a light blue colouration.	
DY	161.85	161.98	45.00					Fine-grained aplite dyke with red hematite staining.	
VT	162.68	162.69	90.00			Py	15.00	Smoky quartz veinlet within a milky quartz veinlet. Smoky quartz hosts blebby-disseminated pyrite.	
VN	163.17	163.21	90.00			Py	5.00	Smoky quartz vein that weakly brecciated the granodiorite and hosts disseminated pyrite.	
GO	163.90	164.22	80.00					Gouged argillic granodiorite.	
VN	165.40	165.45	90.00			Py	8.00	Vein of 0.8cm milky quartz with 0.2cm smoky quartz veinlets on each border. Smoky quartz hosts disseminated-blebby pyrite.	
VT	165.17	165.18	90.00			Py	4.00	Milky-white quartz veinlet with disseminated pyrite along its edges.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	165.75	165.87	90.00			Py	15.00	Thick grey quartz vein with crosscutting milky comb quartz veinlets, smoky quartz veinlets, white calcite veins, and white vuggy quartz veinlets. Smoky-grey quartz hosts disseminated-blebby pyrite.	
						Ca	6.00		
VT	166.20	166.21	80.00			Py	1.00	Smoky quartz veinlet hosting disseminated pyrite.	
VT	166.60	166.62	45.00			Py	3.00	Grey quartz veinlet with central discontinuous milky quartz veinlet. Hosts disseminated pyrite.	
VN	166.82	166.90	45.00			Py	1.00	Grey massive crackled quartz vein with weakly disseminated pyrite and weak oxidation staining.	
VN	167.10	167.13	70.00			Py	3.00	White-pink comb quartz vein with central smoky-grey quartz veinlet. Smoky-grey quartz hosts disseminated pyrite.	
VN	167.70	168.66	80.00		3.00	Py	6.00	Milky-smoky banded quartz veins with blebby-disseminated pyrite.	
VN	168.62	168.64	90.00					Off-white chalcedony with central grey translucent quartz.	
VN	168.89	169.00	90.00			Py	5.00	Thick grey translucent massive quartz vein with heavily gouged uphole border and crosscutting smoky quartz veinlets. Hosts disseminated-blebby pyrite.	
VN	169.04	169.16	90.00			Py	1.00	Weakly banded grey-smoky quartz vein hosting disseminated pyrite, with rubbly recovery and a moderately gouged downhole border.	
VN	169.48	169.50	90.00			Py	2.00	Alternating bands of white-smoky quartz vein hosting disseminated pyrite.	
VT	169.89	169.90	70.00					Milky-smoky quartz veinlet.	
VN	170.37	170.39	80.00			Py	3.00	Alternating bands of milky-smoky quartz, with disseminated pyrite hosted in the smoky quartz.	
VN	171.24	171.26	90.00			Py	3.00	Vuggy, weakly banded milky quartz with interstitial smoky quartz. Smoky quartz hosts disseminated pyrite.	
VT	171.69	171.70	60.00			Py	2.00	Smoky quartz veinlet with adjacent milky-cream quartz veinlets. Disseminated pyrite hosted in smoky quartz.	
VN	172.71	172.74	70.00			Py	10.00	Alternating bands 1-2mm thick of grey-milky-smoky quartz. Grey-smoky quartz hosts disseminated-blebby pyrite.	
VN	174.47	174.65	70.00			Py	5.00	Grey translucent quartz vein with poorly defined borders and crosscut by a 1.5cm thick white-cream chalcedony vein. Hosts disseminated pyrite.	
VN	175.73	175.75	70.00					White-cream chalcedony vein.	
VN	176.07	176.10	90.00			Py	30.00	Grey translucent quartz vein with blebby-massive pyrite.	
VN	178.18	178.62	50.00					Thick , yellow-off-white massive calcite vein at the dyke selvedge. Obliterates pre-existing quartz veins. Large vugs.	
VN	182.07	182.10	70.00			Py	10.00	Smoky quartz vein approximately 3cm thick, hosting disseminated-blebby pyrite.	
VN	184.47	184.48	70.00			Py	8.00	Alternating bands of milky-grey-smoky quartz, with smoky quartz hosting disseminated-blebby pyrite.	
VN	184.55	184.56	60.00					White massive calcite vein.	
VN	185.51	185.72	20.00					1.5-2cm thick massive calcite vein with vugs. Crosscuts and offsets a chalcedony vein.	
VN	185.66	185.70	90.00					White-cream chalcedony vein, offset 1cm by dextral movement along a calcite vein.	
VN	186.35	186.46	10.00					Rubbly recovery of a low angle massive white calcite vein.	
VN	186.35	186.58	90.00			Py	6.00	Off-white-smoky-grey alternating banded quartz vein with grey-smoky quartz hosting disseminated-blebby pyrite.	
GO	189.98	190.00	80.00					Moderate gouged propyllitic granodiorite.	
GO	190.12	190.32	60.00					Moderate gouged propyllitic granodiorite.	
VN	190.43	190.45	90.00			Py	15.00	Smoky-white weakly banded quartz vein, hosting disseminated-blebby pyrite.	
VN	190.97	190.99	80.00					Off-white weakly banded quartz vein.	
VN	191.12	191.13	90.00			Py	5.00	Smoky quartz vein with discontinuous parallel milky quartz veinlets. Hosts disseminated pyrite.	
VT	191.63	191.64	90.00			Py	3.00	Milky weakly banded quartz veinlet with disseminated pyrite and sericite.	
						Se	1.00		
VN	192.04	192.08	70.00			Py	6.00	Thick band of grey-white translucent quartz with discontinuous smoky quartz veinlet with white-pink chalcedony within. Discontinuous red-honey brown sphalerite stringer along uphole border. Hosts blebby sphalerite and disseminated-blebby pyrite.	
						Sp	8.00		
						Ch	12.00		
VN	194.59	194.80	60.00		2.00	Ca	15.00	Two quartz calcite veins with minor vugs and no mineralization.	
VT	196.32	196.33	90.00			Py	1.00	Weakly banded grey-white quartz veinlet with weakly disseminated pyrite and sericite.	
						Se	1.00		
VT	196.78	196.82	70.00		2.00	Py	1.00	Two grey-white quartz veinlets with weakly disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	196.93	197.00	90.00			Py	3.00	Complex, 7cm thick quartz vein: alternating off-white vuggy chalcedony veinlets and massive smoky quartz veinlets, with parallel 8mm massive calcite veinlet. Smoky quartz hosts disseminated pyrite.	
						Ca	8.00		
VT	197.05	197.06	60.00			Py	12.00	Smoky quartz veinlet with interstitial milky quartz and disseminated-blebby pyrite.	
VT	197.70	198.16	90.00		2.00	Py	4.00	Two smoky-white quartz veinlets, with disseminated pyrite in the smoky quartz.	
VT	197.90	197.91	80.00			Py	2.00	Milky quartz veinlet with disseminated pyrite and hematite.	
						He	1.00		
ST	199.44	199.47	70.00		2.00			Discontinuous pyrite stringer with dark green chlorite borders.	
VT	199.57	199.58	80.00					White massive quartz veinlet with dark green chlorite borders.	
VN	199.85	199.86	80.00			Py	8.00	Light grey quartz vein with central milky and smoky quartz veinlets. Smoky-grey quartz hosts disseminated-blebby pyrite.	
VT	200.00	200.01	70.00			Py	2.00	White -milky weakly alternating quartz veinlet hosting disseminated pyrite.	
VN	200.11	200.30	90.00			Py	2.00	Alternating bands of white-smoky-grey quartz with parallel ankerite veinlet. Hosts disseminated pyrite and red disseminated hematite.	
						Ak	15.00		
						He	1.00		
VT	200.51	201.03	70.00			Py	10.00	Smoky-white quartz veinlet with disseminated-blebby pyrite.	
VN	202.26	202.28	80.00					Milky banded quartz vein.	
VT	202.55	202.57	60.00			Py	2.00	Milky banded quartz veinlet, offset 5mm along a sinistral microfault. Smoky quartz veinlet borders, hosting disseminated pyrite.	
VN	203.42	203.91	90.00					Two milky banded quartz veins with varying chalcedony veinlets within.	
VN	204.95	205.00	70.00			Py	12.00	Alternating bands/veinlets of smoky-white-creamy quartz that crosscut each other. Hosts disseminated-blebby pyrite and blebby sphalerite.	
						Sp	2.00		
VT	205.50	205.51	60.00			Py	3.00	Grey translucent quartz veinlet hosting disseminated pyrite, blebby honey brown sphalerite and disseminated galena.	
						Sp	8.00		
						Gn	2.00		
VN	205.80	205.84	80.00			Py	3.00	Grey translucent quartz vein with smoky quartz veinlet, hosting disseminated-blebby pyrite and sericite.	
						Se	2.00		
VT	205.95	205.96	60.00			Py	3.00	Discontinuous undulating grey quartz veinlet hosting disseminated pyrite.	
VT	206.09	206.10	70.00			Py	3.00	Milky-smoky quartz veinlet with parallel <1mm thick sphalerite stringers. Hosts disseminated pyrite.	
						Sp	10.00		
VN	207.82	207.84	80.00			Py	8.00	White chalcedony vein with smoky quartz veinlet borders. Hosts disseminated-blebby pyrite and blebby sphalerite.	
						Sp	3.00		
VN	208.11	208.12	80.00			Py	1.00	Grey translucent quartz vein with weakly disseminated pyrite.	
VT	209.21	209.22	70.00			Py	3.00	Milky massive quartz veinlet with disseminated-blebby pyrite.	
GO	215.18	215.28	80.00			Py	1.00	Gouged dyke selvedge with weakly disseminated pyrite and crosscutting calcite vein (post-intrusion).	
						Ca	10.00		
VT	216.00	206.02	80.00					White chalcedony veinlet.	
VN	217.98	218.03	80.00					White-milky chalcedony vein with interstitial grey translucent quartz.	
VT	218.13	218.14	90.00			Py	10.00	White massive quartz veinlet hosting blebby pyrite and disseminated-blebby sphalerite.	
						Sp	3.00		
VT	219.07	219.08	60.00			Py	15.00	Dark grey quartz veinlet with blebby-disseminated pyrite, with dark green chlorite border.	
VT	220.86	220.87	90.00			Py	6.00	Dark grey quartz veinlet with blebby-disseminated pyrite and sericite, with dark green chlorite border.	
						Se	3.00		
VT	220.95	221.08	70.00		3.00	Py	8.00	White quartz veinlets with dark green chlorite borders, hosting disseminated pyrite.	
								EOH	

KLAZA

Hole: KL-DDH-12-89 **Date: July 22, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
70.7	9.6	6.3	819.6	515.6	GRD		PRO	3I			2.738796	2.696053	Moderately propyllitic granodiorite.
81.44	9.8	6.3	867.5	554.8	GRD		PHC	3I	Py	1	2.8397	2.774224	Moderately phyllic granodiorite crosscut by two mineralized quartz veins.
85.05	9.6	6.3	821.2	518.5	GRD		PHC	3I			2.744143	2.712917	Phyllic granodiorite with moderate-strong silica flooding, obliterating textures.
							SIL	3I					
Calibration			2001.7										Calibration test with 2.0kg mass.
127.75	10	6.3	853.9	539.4	GRD		ARG	3I			2.739278	2.715103	Moderate argillic granodiorite with phyllic overprint.
							PHC	1I					
129.89	9.7	6.3	832.2	523.8	GRD		PRO	2I			2.752232	2.698444	Weakly propyllitic granodiorite.
212.72	9.9	6.3	836.8	520.6	FEL						2.711537	2.646426	Light green quartz feldspar porphyry dyke.
													EOH

KLAZA

Hole: KL-DDH-12-89 **Date: July 26, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
1.68	5.18	3.50	2.06	58.9	N810267	3				N810267-N810289 were sampled in KL-12-87 Batch 3; rubbly, poor recovery
5.18	7.64	2.46	2.35	95.5	N810268	3				
7.64	8.77	1.13	0.96	85	N810269	3				
8.77	10.81	2.04	1.72	84.3	N810270	3				
10.81	13.73	2.92	2.91	99.7	N810271	3				
					N810272	3				Klaza STD-3
13.73	16.70	2.97	2.95	99.3	N810273	3				
16.70	18.45	1.75	1.65	94.3	N810274	3				
18.45	20.12	1.67	1.67	100	N810275	3				
					N810276	3				Quarter duplicate
20.12	22.31	2.19	2.04	93.2	N810277	3				
22.31	25.11	2.80	2.80	100	N810278	3				
25.11	27.52	2.41	2.41	100	N810279	3				
27.52	30.46	2.94	2.94	100	N810280	3				
30.46	32.61	2.15	2.15	100	N810281	3				
32.61	34.93	2.32	2.27	97.8	N810282	3				
34.93	35.96	1.03	1.02	99	N810283	3				
35.96	37.31	1.35	1.28	94.8	N810284	3				
37.31	39.18	1.87	1.82	97.3	N810285	3				
39.18	40.19	1.01	1.01	100	N810286	3				
40.19	41.76	1.57	1.57	100	N810287	3				
					N810288	3				Blank
41.76	43.49	1.73	1.71	98.8	N810289	3				
43.49	44.49	1.00	0.98	98	N810290	1				
					N810291	1				Klaza STD-1
44.49	46.81	2.32	2.32	100	N810292	1				
46.81	48.00	1.19	1.19	100	N810293	1				
48.00	50.53	2.53	2.44	96.4	N810294	1				
					N810295	1				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
50.53	52.52	1.99	1.95	98	N810296	1				
52.52	55.39	2.87	2.56	89.2	N810297	1				
55.39	57.59	2.20	2.15	97.7	N810298	1				
					N810299	1				Blank
57.59	59.70	2.11	2.11	100	N810300	1				
59.70	61.83	2.13	2.14	100	N810301	1				
61.83	64.42	2.59	2.47	95.4	N810302	1				
64.42	66.67	2.25	2.05	91.1	N810303	1				
66.67	67.83	1.16	1.16	100	N810304	1				
					N810305	1				Quarter duplicate
67.83	69.91	2.08	2.08	100	N810306	1				
69.91	72.67	2.76	2.66	96.4	N810307	1				
72.67	73.83	1.16	1.16	100	N810308	1				
73.83	75.29	1.46	1.46	100	N810309	1				
75.29	77.29	2.00	2.00	100	N810310	1				
77.29	79.68	2.39	2.40	100	N810311	1				
79.68	82.43	2.75	2.70	98.2	N810312	1				
82.43	83.43	1.00	1.00	100	N810313	1				
					N810314	1				Coarse reject duplicate
83.43	84.68	1.25	1.25	100	N810315	1				
84.68	87.48	2.80	2.69	96.1	N810316	1				
87.48	89.57	2.09	2.10	100	N810317	1				
89.57	90.78	1.21	1.21	100	N810318	1				
					N810319	1				Klaza STD-3
90.78	91.94	1.16	1.13	97.4	N810320	1				
91.94	93.93	1.99	1.99	100	N810321	1				
93.93	95.12	1.19	1.19	100	N810322	1				
95.12	96.56	1.44	1.44	100	N810323	1				
96.56	99.33	2.77	2.77	100	N810324	1				
99.33	101.46	2.13	2.13	100	N810325	1				
101.46	103.15	1.69	1.36	80.5	N810326	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N810327	2				Klaza STD-3
103.15	104.78	1.63	1.36	83.4	N810328	2				
104.78	107.78	3.00	1.50	50	N810329	2				
107.78	110.78	3.00	3.00	100	N810330	2				
110.78	111.86	1.08	1.00	92.6	N810331	2				
					N810332	2				Quarter duplicate
111.86	112.86	1.00	1.00	100	N810333	2				
112.86	115.82	2.96	2.96	100	N810334	2				
115.82	118.82	3.00	3.00	100	N810335	2				
118.82	121.76	2.94	2.90	98.6	N810336	2				
121.76	122.91	1.15	1.04	90.4	N810337	2				
122.91	125.91	3.00	3.00	100	N810338	2				
125.91	127.91	2.00	2.00	100	N810339	2				
					N810340	2				Coarse reject duplicate
127.91	128.91	1.00	1.00	100	N810341	2				
128.91	129.91	1.00	1.00	100	N810342	2				
					N810343	2				Klaza STD-2
129.91	132.91	3.00	3.00	100	N810344	2				
132.91	135.73	2.82	2.82	100	N810345	2				
135.73	138.65	2.92	2.78	95.2	N810346	2				
					N810347	2				Blank
138.65	141.51	2.86	2.86	100	N810348	2				
141.51	142.91	1.40	1.38	98.6	N810349	2				
142.91	144.47	1.56	1.51	96.8	N810350	2				
					N810351	2				Blank
144.47	145.47	1.00	1.00	100	N810352	2				
145.47	146.55	1.08	1.03	95.4	N810353	2				
146.55	147.77	1.22	1.15	94.3	N810354	2				
147.77	148.82	1.05	1.05	100	N810355	2				
148.82	150.49	1.67	1.67	100	N810356	2				
150.49	151.49	1.00	0.95	95	N810357	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
151.49	153.04	1.55	1.55	100	N810358	2				
153.04	154.04	1.00	1.00	100	N810359	2				
154.04	156.03	1.99	1.96	98.5	N810360	2				
156.03	157.98	1.95	1.95	100	N810361	2				
					N810362	3				Klaza STD-3
157.98	159.25	1.27	1.27	100	N810363	3				
159.25	161.13	1.88	1.76	93.6	N810364	3				
					N810365	3				Blank
161.13	162.55	1.42	1.42	100	N810366	3				
					N810367	3				Coarse reject duplicate
162.55	164.23	1.68	1.42	84.5	N810368	3				
164.23	165.41	1.18	1.15	97.5	N810369	3				
165.41	166.73	1.32	1.32	100	N810370	3				
166.73	169.55	2.82	2.80	99.3	N810371	3				
169.55	171.41	1.86	1.81	97.3	N810372	3				
171.41	172.82	1.41	1.40	99.3	N810373	3				
172.82	174.34	1.52	1.52	100	N810374	3				
					N810375	3				Quarter duplicate
174.34	175.96	1.62	1.62	100	N810376	3				
175.96	176.96	1.00	1.00	100	N810377	3				
176.96	178.16	1.20	1.00	83.3	N810378	3				
178.16	179.46	1.30	1.19	91.5	N810379	3				
179.46	181.26	1.80	1.69	93.9	N810380	3				
181.26	182.57	1.31	1.00	76.3	N810381	3				
					N810382	3				Klaza STD-3
182.57	183.95	1.38	1.38	100	N810383	3				
183.95	185.15	1.20	1.15	95.8	N810384	3				
185.15	186.66	1.51	1.48	98	N810385	3				
186.66	188.25	1.59	1.59	100	N810386	3				
188.25	189.95	1.70	1.68	98.8	N810387	3				
189.95	191.28	1.33	1.25	94	N810388	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
191.28	194.16	2.88	2.88	100	N810389	3				
194.16	196.24	2.08	2.04	98.1	N810390	3				
196.24	197.30	1.06	1.05	99.1	N810391	3				
					N810392	3				Blank
197.30	198.44	1.14	1.13	99.1	N810393	3				
198.44	199.54	1.10	1.10	100	N810394	3				
199.54	201.30	1.76	1.75	99.4	N810395	3				
201.30	202.95	1.65	1.65	100	N810396	3				
202.95	204.84	1.89	1.84	97.4	N810397	3				
204.84	206.15	1.31	1.23	93.9	N810398	4				
					N810399	4				
206.15	207.54	1.39	1.34	96.4	N810400	4				
207.54	208.62	1.08	0.98	90.7	N810401	4				
208.62	210.25	1.63	1.65	101	N810402	4				
210.25	212.89	2.64	2.61	98.9	N810403	4				
					N810404	4				
212.89	215.25	2.36	2.31	97.9	N810405	4				
215.25	217.77	2.52	2.52	100	N810406	4				
217.77	219.16	1.39	1.30	93.5	N810407	4				
219.16	221.59	2.43	2.31	95.1	N810408	4				EOH
										89 Batch 4 is completed with samples N812009-N812033 of KL-12-92.

KLAZA

Hole: DH-12-64 **Tech Name: Larissa** **Date: June 7, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.04	1.04	1.04	100	-	-		-	-	-	OVB
1.04	1.52	0.48	0.48	100	0.00	0		1	2S	5W	
1.52	5.18	3.66	2.20	60	0.98	27		2	1S	3W	
5.18	8.23	3.05	2.95	97	1.74	57		2	4S	3W	
8.23	11.28	3.05	2.80	92	1.74	57		1	1S	4W	
11.28	14.33	3.05	3.05	100	2.10	69		2	5S	3W	
14.33	17.38	3.05	3.05	100	1.27	42		2	1S	3W	
17.38	20.42	3.04	3.04	100	2.29	75		2	4S	3W	
20.42	23.47	3.05	2.90	95	2.17	71		2	4S	3W	
23.47	26.52	3.05	3.05	100	2.06	68		2	4S	3W	
26.52	29.57	3.05	3.05	100	1.85	61		2	5S	12W	
29.57	32.61	3.04	3.04	100	2.01	66		2	5S	3W	
32.61	35.66	3.05	3.00	98	2.30	75		2	5S	2W	
35.66	38.71	3.05	3.05	100	1.94	64		2	5S	3W	
38.71	41.76	3.05	3.05	100	0.89	29		2	5S	3W	
41.76	44.81	3.05	3.05	100	1.33	44		2	5S	2W	
44.81	47.85	3.04	3.04	100	1.27	42		2	2S	3W	
47.85	50.90	3.05	2.85	93	0.57	19		1	1S	4W	
50.90	53.95	3.05	2.93	96	1.30	43		2	5S	3W	
53.95	57.00	3.05	2.80	92	0.77	25		1	1S	4W	
57.00	60.05	3.05	3.05	100	1.04	34		1	1S	4W	
60.05	63.09	3.04	2.76	91	0.33	11		1	0S	4W	
63.09	66.14	3.05	2.75	90	0.36	12		1	2S	3W	
66.14	69.19	3.05	3.05	100	2.07	68		2	5S	1W	
69.19	72.24	3.05	2.94	96	2.28	75		2	5S	1W	
72.24	75.29	3.05	3.02	99	3.03	99		2	5S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	2.95	97	2.25	74		2	5S	1W	
78.33	81.38	3.05	3.05	100	2.69	88		2	5S	2W	
81.38	84.43	3.05	2.94	96	2.38	78		2	3S	2W	
84.43	87.48	3.05	2.88	94	2.29	75		2	3S	1W	
87.48	90.53	3.05	3.05	100	2.44	80		2	3S	1W	
90.53	93.57	3.04	3.04	100	2.51	83		2	4S	1W	
93.57	96.62	3.05	3.05	100	2.47	81		2	3S	2W	
96.62	99.67	3.05	3.02	99	2.21	72		2	4S	2W	
99.67	102.72	3.05	2.69	88	1.91	63		2	5S	2W	
102.72	105.77	3.05	3.01	99	2.08	68		2	4S	2W	
105.77	108.81	3.04	2.98	98	2.54	84		2	3S	2W	
108.81	111.86	3.05	3.01	99	2.84	93		2	4S	2W	
111.86	114.91	3.05	3.00	98	2.47	81		2	4S	2W	
114.91	117.96	3.05	3.05	100	2.33	76		2	4S	2W	
117.96	121.01	3.05	3.04	100	2.43	80		2	5S	2W	
121.01	124.05	3.04	2.89	95	2.43	80		2	5S	2W	
124.05	127.10	3.05	3.05	100	3.00	98		2	5S	1W	
127.10	130.15	3.05	2.99	98	2.16	71		2	2S	3W	
130.15	133.20	3.05	3.05	100	2.88	94		2	3S	1W	
133.20	136.25	3.05	3.00	98	2.62	86		2	3S	1W	
136.25	139.29	3.04	2.80	92	1.22	40		1	1S	1W	
139.29	142.34	3.05	3.00	98	1.55	51		1	1S	1W	
142.34	145.39	3.05	3.05	100	1.78	58		2	2S	3W	
145.39	148.44	3.05	3.03	99	1.73	57		2	3S	3W	
148.44	151.49	3.05	3.05	100	1.53	50		2	3S	2W	
151.49	154.53	3.04	3.05	100	1.77	58		2	3S	2W	
154.53	157.58	3.05	3.05	100	1.02	33		1	4S	3W	
157.58	160.63	3.05	3.05	100	1.10	36		2	4S	2W	
160.63	163.68	3.05	2.90	95	1.15	38		1	4S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
163.68	166.73	3.05	3.05	100	1.25	41		2	2S	3W	
166.73	169.77	3.04	3.04	100	1.10	36		2	2S	3W	
169.77	172.82	3.05	3.05	100	1.67	55		2	3S	3W	
172.82	175.87	3.05	3.05	100	1.16	38		2	4S	3W	
175.87	178.92	3.05	2.80	92	0.43	14		2	3S	3W	
178.92	181.97	3.05	2.63	86	0.57	19		2	2S	3W	
181.97	185.01	3.04	3.22	106	1.16	38		2	2S	3W	
185.01	188.06	3.05	2.96	97	1.72	56		2	4S	3W	
188.06	191.11	3.05	3.05	100	1.71	56		1	2S	3W	
191.11	194.16	3.05	3.05	100	1.52	50		2	5S	2W	
194.16	197.21	3.05	3.03	99	2.54	83		2	5S	2W	
197.21	200.25	3.04	3.05	100	2.28	75		2	5S	2W	
200.25	203.30	3.05	3.05	100	1.90	62		2	5S	2W	
203.30	206.35	3.05	3.03	99	1.93	63		2	4S	1W	
206.35	209.40	3.05	3.00	98	2.22	73		2	5S	2W	
209.40	212.45	3.05	3.04	100	2.13	70		2	5S	2W	
212.45	215.49	3.04	3.04	100	2.12	70		2	2S	2W	
215.49	218.54	3.05	3.05	100	2.67	88		2	5S	1W	
218.54	221.59	3.05	2.87	94	2.12	70		2	5S	1W	EOH

KLAZA

Hole:___12-89__ Tech Name:_____Jamie Godfrey_____ Date:____July 24_____ Page _1__ of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.04		-	-	-	-	-	-	
1.04	1.52		-	-	-	-	-	-	OVERBURDEN
1.52	5.18		-	-	-	-	-	-	
5.18	8.23		40	0.35	15.00	2.00	3R	3W	
8.23	11.28		55	0.70	3.00	2.00	3R	3W	
11.28	14.33		-	-	-	-	-	-	
14.33	17.38		-	-	-	-	-	-	
17.38	20.42		45	0.30	4.00	2.00	3R	3W	
20.42	23.47		-	-	-	-	-	-	
23.47	26.52		35	0.25	2.00	1.00	3R	3W	
26.52	29.57		-	-	-	-	-	-	
29.57	32.61		-	-	-	-	-	-	
32.61	35.66		50	0.75	0.00	2.00	3R	3W	
35.66	38.71		65	1.00	0.00	2.00	3R	3W	
38.71	41.76		35	0.45	0.00	1.00	3R	2W	
41.76	44.81		-	-	-	-	-	-	
44.81	47.85		45	0.30	2.00	2.00	3R	2W	
47.85	50.90		-	-	-	-	-	-	Rubble
50.90	53.95		50	0.15	70.00	1.00	3R	3W	
53.95	57.00		60	0.80	5.00	2.00	3R	3W	Rubbly/Broken
57.00	60.05		50	0.07	3.00	2.00	3R	3W	
60.05	63.09		-	-		-	-		
63.09	66.14		-	-		-	-		
66.14	69.19		45	0.75	0.00	2.00	3R	1W	Additional joint sets: 75,0.80,0,1,3R,1W
69.19	72.24		70	0.65	0.00	2.00	3R	1W	
72.24	75.29		80	0.50	0.00	2.00	3R	1W	
75.29	78.33		40	0.75	1.00	2.00	2R	1W	
78.33	81.38		30	1.00	0.00	2.00	3R	1W	
81.38	84.43		45	0.40	0.00	3.00	3R	2W	
84.43	87.48		45	0.70	0.00	2.00	2R	1W	
87.48	90.53		60	0.50	0.00	3.00	3R	1W	
90.53	93.57		45	0.50	0.00	2.00	3R	21W	

KLAZA

93.57	96.62		50	0.50	0.00	2.00	2R	2W	
96.62	99.67		60	0.25	0.00	2.00	3R	2W	
99.67	102.72		70	0.40	0.00	2.00	3R	2W	
102.72	105.77	3.05	70	0.50	0.00	2.00	2R	2W	Additional joint sets: 50,0.15,1,2,3R,2W
105.77	108.81	3.04	45	0.35	1.00	2.00	2R	2W	
108.81	111.86	3.05	45	0.80	0.00	2.00	2R	2W	
111.86	114.91	3.05	65	0.60	0.00	2.00	3R	2W	
114.91	117.96	3.05	50	0.20	1.00	2.00	2R	2W	
117.96	121.01	3.05	60	0.30	0.00	2.00	3R	2W	
121.01	124.05	3.04	50	0.25	0.00	2.00	3R	2W	
124.05	127.10	3.05	-	-	-	-	-	-	
127.10	130.15	3.05	50	0.30	0.00	2.00	3R	3W	
130.15	133.20	3.05	60	1.00	0.00	2.00	3R	1W	
133.20	136.25	3.05	60	0.50	0.00	2.00	3R	1W	
136.25	139.29	3.04	40	0.30	0.00	2.00	3R	1W	
139.29	142.34	3.05	30	0.80	0.00	3.00	3R	1W	Additional joint sets: 50,0.60,0,2,3R,1W
142.34	145.39	3.05	45	0.90	0.00	3.00	3R	2W	
145.39	148.44	3.05	45	0.50	15.00	2.00	3R	2W	
148.44	151.49	3.05	40	0.50	30.00	2.00	3R	3W	
151.49	154.53	3.04	-	-	-	-	-	-	
154.53	157.58	3.05	-	-	-	-	-	-	
157.58	160.63	3.05	40	0.10	2.00	2.00	3R	2W	
160.63	163.68	3.05	-	-	-	-	-	-	
163.68	166.73	3.05	60	0.19	3.00	2.00	3R	2W	
166.73	169.77	3.04	-	-	-	-	-	-	
169.77	172.82	3.05	70	0.10	1.00	2.00	3R	2W	
172.82	175.87	3.05	60	0.30	0.00	2.00	3R	2W	
175.87	178.92	3.05	40	0.40	2.00	2.00	3R	2W	
178.92	181.97	3.05	65	0.20	5.00	2.00	3R	2W	
181.97	185.01	3.04	50	0.10	50.00	2.00	3R	2W	One 5cm gougy section
185.01	188.06	3.05	50	0.40	2.00	2.00	3R	2W	
188.06	191.11	3.05	-	-	-	-	-	-	
191.11	194.16	3.05	-	-	-	-	-	-	
194.16	197.21	3.05	-	-	-	-	-	-	
197.21	200.25	3.04	60	0.17	3.00	2.00	3R	1W	
200.25	203.30	3.05	-	-	-	-	-	-	
203.30	206.35	3.05	-	-	-	-	-	-	
206.35	209.40	3.05	65	0.15	0.00	2.00	3R	1W	
209.40	212.45	3.05	50	1.00	2.00	1.00	3R	2W	
212.45	215.49	3.04	-	-	-	-	-	-	
215.49	218.54	3.05	-	-	-	-	-	-	
218.54	221.59	3.05	-	-	-	-	-	-	EOH

KLAZA

Hole: DDH-KL-12-89 Date:JULY 24,2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	18.20	
3.00	18.80	
4.00	10.60	
5.00	19.20	
6.00	18.40	
7.00	17.90	
8.00	0.67	
9.00	22.80	
10.00	1.71	
11.00	20.50	
12.00	20.20	
13.00	16.30	
14.00	22.90	
15.00	5.30	
16.00	1.49	
17.00	8.53	
18.00	0.26	
19.00	21.10	
20.00	16.90	
21.00	9.60	
22.00	18.10	
23.00	9.76	
24.00	22.70	
25.00	19.30	
26.00	17.80	
27.00	0.42	
28.00	18.50	
29.00	21.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	21.20	
31.00	24.40	
32.00	19.00	
33.00	19.20	
34.00	16.20	
35.00	15.60	
36.00	15.50	
37.00	15.40	
38.00	6.78	
39.00	10.40	
40.00	14.60	
41.00	8.63	
42.00	15.40	
43.00	21.00	
44.00	0.70	
45.00	23.60	
46.00	13.50	
47.00	0.28	
48.00	0.53	
49.00	2.78	
50.00	0.31	
51.00	19.40	
52.00	15.30	
53.00	17.00	
54.00	5.42	
55.00	0.26	
56.00	0.78	
57.00	0.38	
58.00	0.23	
59.00	0.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.58	
61.00	13.60	
62.00	8.88	
63.00	0.33	
64.00	0.25	
65.00	0.33	
66.00	0.26	
67.00	28.70	
68.00	0.38	
69.00	0.40	
70.00	1.39	
71.00	8.76	
72.00	15.60	
73.00	0.67	
74.00	0.52	
75.00	1.07	
76.00	0.58	
77.00	0.28	
78.00	0.31	
79.00	0.48	
80.00	0.20	
81.00	0.62	
82.00	0.38	
83.00	0.43	
84.00	0.33	
85.00	0.48	
86.00	0.23	
87.00	0.31	
88.00	0.30	
89.00	0.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.52	
91.00	22.40	
92.00	15.00	
93.00	21.70	
94.00	1.29	
95.00	0.53	
96.00	0.58	
97.00	23.50	
98.00	17.80	
99.00	1.46	
100.00	0.33	
101.00	18.20	
102.00	20.70	
103.00	19.30	

KLAZA

Hole: KL-DDH-12-89 **Date:**

Box #	From (m)	To (m)
1	1.04	6.03
2	6.03	9.90
3	9.90	14.03
4	14.03	18.10
5	18.10	22.46
6	22.46	26.39
7	26.39	30.31
8	30.31	34.24
9	34.24	38.65
10	38.65	42.33
11	42.33	46.27
12	46.27	49.60
13	49.60	53.60
14	53.60	57.08
15	57.08	60.67
16	60.67	64.42
17	64.42	67.95
18	67.95	71.85
19	71.85	75.83
20	75.83	80.00
21	80.00	83.98
22	83.98	88.09
23	88.09	91.94
24	91.94	95.94
25	95.94	99.67
26	99.67	104.05
27	104.05	107.78
28	107.78	111.69
29	111.69	115.66

KLAZA

30	115.66	119.65
31	119.65	124.05
32	124.05	127.97
33	127.97	131.85
34	131.85	136.09
35	136.09	139.75
36	139.75	143.57
37	143.57	147.65
38	147.65	151.69
39	151.69	155.94
40	155.94	159.90
41	159.90	163.68
42	163.68	167.33
43	167.33	171.26
44	171.26	175.11
45	175.11	178.92
46	178.92	182.87
47	182.87	186.52
48	186.52	190.67
49	190.67	194.80
50	194.80	199.03
51	199.03	202.95
52	202.95	207.27
53	207.27	211.53
54	211.53	215.69
55	215.69	220.21
56	220.21	221.59
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			381141.96	6890905.3	1230.089	270.05

SECTION:

HOLE: DDH-KL-12-90

CLAIM: YD07153

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 21-25th

Geology logged by: T. Cruz/D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.23	2.23	OVB	Overburden
2.23	18.15	15.92	GRD	Partially oxidized unaltered granodiorite.
18.15	18.71	0.56	VEN	Massive quartz/carbonate vein with a 20cm of gouge
18.71	144.72	126.01	GRD	Unaltered granodiorite with patchy oxidation and
				propyllitic alteration.
144.72	146.49	1.77	GRD	Moderate phyllic envelope around a brecciated
				quartz vein and clay gouge zone.
146.49	162.37	15.88	GRD	Granodiorite with patches of propyllitic alteration.
162.37	175.87	13.50	GRD	Propyllitic altered granodiorite with carbonate veinlets
175.87	179.77	3.90	GRD	Unaltered granodiorite.
179.77	182.48	2.71	GRD	Phyllic envelope around a grey gouge vein (20cm).
182.48	270.05	87.57	GRD	Primarily unaltered granodiorite with patches of
				propyllitic alteration and moderate phyllic envelopes
				(1-50cm) around quartz and carbonate veins and vei
	270.05			EOH

SAMPLES

Numbers: N813668-N813739

Total: 72

Batch: 1-2

Date Sent:

Certificate:

COMMENTS

EOH = 270.05

KLAZA

Hole: DDH-KL-12-90 **Logger Name:** T. Cruz/D. Walsh **Date: July 28, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	2.23	2.23					OVB														Overburden and casing.
2.23	270.05	267.82				mKgW	GRD	MG	LT	GY		3I									Top of hole is unaltered granodiorite with patchy propyllitic and argillic and phyllic envelopes around carbonate and quartz veins, veinlets and stringers. Oxidation staining is limite to small 1-2cm envelopes around fractures at the top of hole, oxidation decreases with depth. Core is mostly competent.
										BN											
			16.86	19.34	2.48	mKgW	GRD	MG	LT	GN				PRO	3I						Weak to moderately propyllitic granodiorite with a single 53cm thick quartz vein. The quartz vein is weak-moderately gouged oxide stained fractured envelopes is more extensive up to 8cm.
										BN		3I									
			24.48	33.05	8.57	mKgW	GRD	MG	LT	GN				PRO	2I						Weakly propyllitic altered granodiorite with cross-cutting white quartz veinlets every 10cm. Veinlets have narrow phyllic envelopes.
										GY											
			38.07	42.61	4.54	mKgW	GRD	MG	LT	BN		2I		ARG	2I						Weak to moderately argillic altered granodiorite with pervasive brown to orange oxide staining on cross-cutting veinlet envelopes.
									MD	GY											
			54.62	59.01	4.39	mKgW	GRD	MG	LT	GY											Unaltered granodiorite with more pervasive oxide staining and thicker oxide vein envelopes.
									MD	BN		3I									
			59.01	62.22	3.21	mKgW	GRD	MG	LT	GY		1I		PRO	2I						Weak propyllitic altered granodiorite with cross-cutting quartz veinlets and oxide-stained fracture faces.
									MD	GN											
			73.10	74.80	1.70	mKgW	GRD	MG		OR		4-5I									Strong to intensely oxidized granodiorite.
			76.27	77.55	1.28	mKgW	GRD	MG		OR		4-5I	2-3I								Strongly oxidized granodiorite. The oxidation appears to obscure some silica flooded breccia.
			122.45	122.61	0.16	mKgW	GRD	MG	DK	PK	EN			POT	4I						Potassic and propyllitic envelope around five white carbonate veinlets.
									DK	GN	EN			PRO	3I						
			144.72	146.49	1.77	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a brecciated quartz vein and grey clay gouge.
										GY											
			149.00	149.23	0.23	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate vein.
			162.37	175.87	13.50	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite hosting an abundance of white carbonate and pink ankerite veinlets and veins. Veins/veinlets have moderate phyllic envelopes with a moderate potassic overprint.
										GN	EN			PHC	3I						
										PK	EN			PIT	3I						
			179.77	182.48	2.71	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey gouge vein.
										GY											
			197.78	198.10	0.32	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope with a weak potassic overprint around grey/white quartz carbonate vein.
										PK	EN			POT	2I						
			201.56	201.88	0.32	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope around an ankerite vein.
			208.43	208.63	0.20	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic altered envelope around a calcite/carbonate vein.
			214.36	214.64	0.28	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate propyllitic envelope around a carbonate vein.
			218.98	219.09	0.11	mKgW	GRD	MG	DK	GN	EN			PRO	3I						Moderate propyllitic envelope with a moderate potassic overprint around two 0.8cm tan veinlets.
										RD	PA			POT	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			237.29	237.60	0.31	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope around a tan carbonate vein and veinlet zone.
			237.60	241.18	3.58	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic altered granodiorite with patches of weak potassic alteration. The interval hosts multiple white carbonate veinlets and stringers and a large calcite/ankerite vein.
										PK				POT	2I						
			242.60	242.86	0.26	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite with a strong potassic overprint.
										PK				POT	4I						
			243.70	243.91	0.21	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite with a strong potassic overprint.
										PK				POT	4I						
			254.54	254.94	0.40	mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic envelope surrounding a 10cm banded carbonate/calcite vein
			260.67	264.35	3.68	mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic altered granodiorite with patches of weak potassic alteration. Interval host a few white carbonate veinlets and stringers.
										PK	PA			POT	2I						
	270.05																				EOH

KLAZA

Hole: DDH-KL-12-90 Logger Name: T. Cruz/D. Walsh

Depth (m)		DESCRIPTION

KLAZA

Hole: DDH-KL-12-90 **Logger Name:** T. Cruz/D. Walsh **Date:** July 28, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
DY	8.53	8.55	90.00					Pink fine grained aplite dyke.	
VN	11.06	11.25	50.00					White banded weakly clay altered quartz vein. Quartz vein is strongly oxidized and has a 19cm thick oxidation envelope.	
DY	12.12	12.18	70.00					Light pink and green aplite dyke.	
VN	17.21	17.70	60.00		2.00			White banded oxide-stained quartz veins (~1cm thick)	
VN	18.15	18.71	70.00			Cb	15.00	52cm thick white-pink massive quartz carbonate vein. Vein is weakly brecciated with a 20cm gouge zone. No visible sulphide mineralization.	
VN	32.80	32.82	80.00					White weakly banded quartz vein with heavily oxide stained borders.	
VN	38.14	38.16	80.00					White to grey quartz carbonate vein with heavily oxide-stained borders. No visible sulphide mineralization.	
VT	42.36	42.40	70.00		2.00			Vuggy, heavily oxide-stained white banded quartz veinlets. No visible sulphide mineralization.	
VN	55.28	56.04	80.00		2.00	Ca	40.00	Brown to orange, heavily oxide stained chalcedony vein with a central 1cm vein of massive calcite.	
VT	66.72	66.73	45.00					Weakly clay altered smokey quartz veinlet.	
VN	69.15	69.20	35.00					5cm thick vein of alternating smokey quartz and orange-stained massive quartz. Smokey quartz is a post oxidation event.	
VT	71.30	71.31	60.00					White weakly banded quartz veinlet.	
VN	75.51	75.53	50.00					White to grey banded quartz vein.	
VN	100.85	100.88	80.00					White-grey carbonate vein with blebs white carbonate in grey carbonate.	
VN	136.72	136.74	85.00					Banded white carbonate and grey quartz vein.	
GO	138.61	138.62	60.00					Grey and green gouge vein.	
VN	145.16	145.28	60.00					Brecciated grey/black and tan quartz vein.	
GO	145.39	145.54	50.00					Grey gouge vein.	
GO	145.54	145.74						Partially gouge altered granodiorite.	
GO	145.87	145.89	70.00					Grey gouge vein.	
GO	181.77	181.97						Grey gouge vein.	
VN	201.66	201.78	70.00					Vuggy ankerite vein hosting small grey calcite veinlets.	
VN	208.48	208.51	70.00					Banded tan calcite and white carbonate vein	
VN	240.41	240.43	70.00					Tan ankerite vein that has minorly brecciated the propyllitic altered granodiorite.	
VN	240.44	240.55	60.00					White calcite vein with minor amounts of tan ankerite.	
VN	251.55	251.57	73.00					Light pink ankerite vein.	
VN	254.75	254.84	60.00					White and grey alternating bands of carbonate and calcite.	
								EOH	

KLAZA

Hole: DDH-KL-12-90 **Date: July 28, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
81.56	10.4	4.1	392.1	247.9	GRD		PRO	1I			2.855656	2.71914	Trace propyllitic altered granodiorite.
144.75	10.3	4.1	389.7	247.1	GRD		PHC	3I			2.865732	2.732819	Moderately phyllic altered granodiorite.
171.92	9.8	4.1	369.7	233.3	GRD		PRO	2I			2.857365	2.710411	Weakly propyllitic altered granodiorite with patches of moderate potassic overprint.
						PA	POT	3I					
197.87	10.1	4.1	369.3	232.4	GRD		PHC	3I			2.769493	2.697589	Moderately phyllic altered granodiorite with a weak potassic overprint.
							POT	2I					

KLAZA

Hole: DDH-KL-12-90 **Date: July 28, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
144.00	145.00	1.00	1.00	100	N813668	1				
145.00	146.00	1.00	1.00	100	N813669	1				
					N813670	1				Blank
146.00	148.44	2.44	2.39	98	N813671	1				
148.44	151.49	3.05	3.02	99	N813672	1				
151.49	154.53	3.04	3.05	100	N813673	1				
					N813674	1				Coarse Reject Duplicate
154.53	157.58	3.05	3.05	100	N813675	1				
157.58	160.63	3.05	3.05	100	N813676	1				
					N813677	1				Duplicate
160.63	163.68	3.05	3.05	100	N813678	1				
163.68	166.73	3.05	3.04	99.7	N813679	1				
166.73	168.49	1.76	1.76	100	N813680	1				
168.49	169.49	1.00	1.00	100	N813681	1				
					N813682	1				Klaza Standard-3
169.49	170.49	1.00	1.00	100	N813683	1				
170.49	172.82	2.33	2.33	100	N813684	1				
172.82	174.47	1.65	1.65	100	N813685	1				
174.47	175.87	1.40	1.40	100	N813686	1				Bit Change
175.87	178.92	3.05	3.05	100	N813687	1				Bit Change
178.92	181.45	2.53	2.53	100	N813688	1				
181.45	182.45	1.00	1.00	100	N813689	1				
					N813690	1				Blank
182.45	185.01	2.56	2.56	100	N813691	1				
185.01	188.06	3.05	3.05	100	N813692	1				
					N813693	1				Klaza Standard-3
188.06	191.11	3.05	3.05	100	N813694	1				
191.11	194.16	3.05	3.05	100	N813695	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
194.16	197.21	3.05	3.05	100	N813696	1				
197.21	199.95	2.74	2.71	98.9	N813697	1				
199.95	201.02	1.07	1.07	100	N813698	1				
201.02	202.10	1.08	1.08	100	N813699	1				
202.10	203.80	1.70	1.70	100	N813700	1				
203.80	204.80	1.00	1.00	100	N813701	1				
204.80	207.00	2.20	2.20	100	N813702	1				
207.00	208.31	1.31	1.31	100	N813703	1				
208.31	209.31	1.00	1.00	100	N813704	2				
209.31	210.98	1.67	1.67	100	N813705	2				
					N813706	2				Klaza Standard-3
210.98	212.00	1.02	1.00	98	N813707	2				
212.00	214.40	2.40	2.26	94.2	N813708	2				
214.40	215.40	1.00	1.00	100	N813709	2				
215.40	216.48	1.08	1.02	94.4	N813710	2				
216.48	218.51	2.03	1.98	97.5	N813711	2				
					N813712	2				Duplicate
218.51	219.54	1.03	1.00	97.1	N813713	2				
219.54	221.59	2.05	1.94	94.6	N813714	2				
221.59	224.64	3.05	3.05	100	N813715	2				
224.64	227.69	3.05	3.05	100	N813716	2				
227.69	230.73	3.04	3.05	100	N813717	2				
230.73	233.78	3.05	3.05	100	N813718	2				
233.78	235.79	2.01	2.01	100	N813719	2				
235.79	237.25	1.46	1.46	100	N813720	2				
237.25	238.83	1.58	1.03	65.2	N813721	2				
					N813722	2				Blank
238.83	240.12	1.29	1.29	100	N813723	2				
240.12	241.14	1.02	1.00	98	N813724	2				
					N813725	2				Blank
241.14	243.93	2.79	2.70	96.8	N813726	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
243.93	245.97	2.04	2.04	100	N813727	2				
					N813728	2				Klaza Standard-3
245.97	249.02	3.05	3.00	98.4	N813729	2				
249.02	252.07	3.05	3.05	100	N813730	2				
252.07	254.20	2.13	1.72	80.8	N813731	2				
254.20	255.22	1.02	1.00	98	N813732	2				
255.22	258.17	2.95	2.85	96.6	N813733	2				
					N813734	2				Coarse Reject
258.17	260.89	2.72	2.65	97.4	N813735	2				
260.89	262.46	1.57	1.53	97.5	N813736	2				
262.46	264.35	1.89	1.40	74.1	N813737	2				
264.35	267.31	2.96	2.78	93.9	N813738	2				
267.31	270.05	2.74	2.68	97.8	N813739	2				EOH

KLAZA

Hole: DDH-12-90 Tech Name: Tory Prentice **Date: July 27, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.23	5.18	2.95	2.95	100	1.55	53		2	3S	3W	
5.18	8.23	3.05	2.90	95	0.60	20		2	2S	3W	
8.23	11.28	3.05	2.93	96	1.71	56		2	2S	3W	
11.28	14.33	3.05	2.83	93	1.23	40		2	2S	3W	
14.33	17.37	3.04	3.01	99	2.00	66		2	3S	4W	
17.37	20.42	3.05	2.95	97	0.96	31		2	2S	3W	
20.42	23.47	3.05	2.80	92	0.74	24		2	4S	3W	
23.47	26.52	3.05	3.04	100	2.13	70		2	2S	2W	
26.52	29.57	3.05	3.05	100	2.40	79		2	2S	3W	
29.57	32.61	3.04	3.02	99	0.69	23		2	2S	3W	
32.61	35.66	3.05	3.05	100	2.22	73		2	4S	3W	
35.66	38.71	3.05	2.98	98	1.33	44		2	2S	3W	
38.71	41.76	3.05	3.05	100	1.42	47		2	2S	3W	
41.76	44.81	3.05	3.05	100	1.87	61		2	2S	3W	
44.81	47.85	3.04	3.02	99	1.95	64		2	4S	3W	
47.85	50.90	3.05	3.05	100	1.77	58		2	3S	3W	
50.90	53.95	3.05	3.01	99	2.50	82		2	4S	2W	
53.95	57.00	3.05	3.02	99	2.11	69		2	2S	3W	
57.00	60.05	3.05	2.84	93	1.22	40		2	2S	3W	
60.05	63.09	3.04	2.90	95	2.15	71		2	5S	3W	
63.09	66.14	3.05	3.04	100	1.83	60		2	5S	3W	
66.14	69.19	3.05	2.98	98	1.67	55		2	2S	3W	
69.19	72.24	3.05	3.00	98	1.55	51		2	3S	3W	
72.24	75.29	3.05	2.95	97	1.60	52		1	2S	4W	
75.29	78.33	3.04	3.00	99	1.47	48		2	3S	3W	
78.33	81.38	3.05	3.05	100	1.82	60		2	3S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	3.00	98	1.70	56		2	3S	2W	
84.43	87.48	3.05	3.05	100	1.86	61		2	3S	2W	
87.48	90.53	3.05	2.87	94	1.76	58		2	3S	2W	
90.53	93.57	3.04	3.04	100	2.34	77		2	3S	2W	
93.57	96.62	3.05	2.98	98	1.64	54		2	3S	3W	
96.62	99.67	3.05	3.05	100	1.50	49		2	3S	2W	
99.67	102.72	3.05	2.99	98	1.99	65		2	5S	2W	
102.72	105.77	3.05	2.97	97	2.48	81		2	4S	1W	
105.77	108.81	3.04	3.04	100	2.61	86		2	3S	1W	
108.81	111.86	3.05	3.05	100	1.84	60		2	3S	1W	
111.86	114.91	3.05	2.84	93	2.36	77		2	3S	1W	
114.91	117.96	3.05	3.05	100	2.28	75		2	4S	1W	
117.96	121.01	3.05	3.05	100	2.63	86		2	4S	1W	
121.01	124.05	3.04	3.04	100	2.19	72		2	4S	1W	
124.05	127.10	3.05	3.05	100	2.36	77		2	4S	1W	
127.10	130.15	3.05	3.05	100	2.49	82		2	4S	1W	
130.15	133.20	3.05	3.02	99	2.24	73		2	4S	1W	
133.20	136.25	3.05	3.05	100	2.37	78		2	3S	1W	
136.25	139.29	3.04	3.04	100	2.66	88		2	3S	1W	
139.29	142.34	3.05	3.05	100	2.59	85		2	4S	1W	
142.34	145.39	3.05	2.93	96	2.34	77		2	4S	1W	
145.39	148.44	3.05	3.01	99	2.18	71		1	4S	3W	
148.44	151.49	3.05	3.03	99	2.45	80		2	3S	1W	
151.49	154.53	3.04	3.04	100	2.36	78		2	4S	1W	
154.53	157.58	3.05	3.05	100	2.49	82		2	4S	1W	
157.58	160.63	3.05	3.05	100	2.58	85		2	4S	1W	
160.63	163.68	3.05	3.05	100	2.49	82		2		2W	
163.68	166.73	3.05	3.00	98	2.13	70		2	3S	3W	
166.73	169.77	3.04	3.04	100	2.24	74		2	3S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	3.03	99	1.79	59		2	3S	2W	
172.82	175.87	3.05	2.92	96	2.06	68		2	3S	2W	
175.87	178.92	3.05	2.65	87	1.06	35		1	4S	3W	
178.92	181.97	3.05	2.70	89	0.12	4		2	4S	2W	
181.97	185.01	3.04	2.79	92	2.30	76		2	3S	1W	
185.01	188.06	3.05	3.05	100	2.41	79		2	3S	1W	
188.06	191.11	3.05	3.05	100	2.37	78		2	3S	1W	
191.11	194.16	3.05	3.03	99	2.18	71		2	3S	1W	
194.16	197.21	3.05	3.02	99	2.30	75		2	3S	1W	
197.21	200.25	3.04	2.96	97	2.26	74		2	3S	1W	
200.25	203.30	3.05	2.89	95	2.30	75		2	4S	1W	
203.30	206.35	3.05	3.00	98	2.88	94		2	3S	1W	
206.35	209.40	3.05	3.03	99	2.05	67		2	3S	1W	
209.40	212.45	3.05	2.85	93	2.15	70		2	3S	1W	
212.45	215.49	3.04	3.00	99	0.98	32		2	3S	1W	
215.49	218.54	3.05	2.96	97	1.11	36		2	3S	1W	
218.54	221.59	3.05	2.83	93	1.49	49		2	4S	1W	
221.59	224.64	3.05	3.00	98	0.70	23		2	3S	1W	
224.64	227.69	3.05	2.99	98	1.48	49		2	3S	1W	
227.69	230.73	3.04	2.98	98	1.18	39		2	4S	1W	
230.73	233.78	3.05	3.02	99	1.60	52		2	3S	1W	
233.78	236.83	3.05	3.00	98	1.70	56		2	3S	1W	
236.83	239.88	3.05	2.40	79	0.95	31		2	3S	1W	
239.88	242.93	3.05	2.78	91	0.90	30		2	3S	1W	
242.93	245.97	3.04	3.02	99	2.05	67		2	3S	1W	
245.97	249.02	3.05	2.90	95	1.45	48		2	3S	1W	
249.02	252.07	3.05	2.92	96	1.65	54		2	3S	1W	
252.07	255.12	3.05	2.52	83	1.13	37		2	3S	1W	
255.12	258.17	3.05	2.76	90	1.92	63		2	3S	1W	
258.17	261.21	3.04	2.88	95	1.84	61		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	2.43	80	0.65	21		2	3S	1W	
264.26	267.31	3.05	2.80	92	2.08	68		2	3S	1W	
267.31	270.05	2.74	2.60	95	2.40	88		2	3S	1W	
											EOH at 270.05 meters

KLAZA

Hole: 0 **Tech Name:** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	40.00	0.20	0.00	2.00	3R	3W	
5.18	8.23	3.05	40.00	0.20	0.00	2.00	3R	3W	
			70.00	0.40	0.00	2.00	3R	2W	
8.23	11.28	3.05	60.00	0.40	0.00	2.00	3R	2W	
			40.00	0.80	0.00	2.00	2R	3W	
11.28	14.33	3.05	40.00	0.25	0.00	2.00	3R	2W	
			70.00	0.15	0.00	2.00	3R	2W	
14.33	17.37	3.04	35.00	1.00	0.00	2.00	3R	2W	
			60.00	0.20	0.00	2.00	2R	3W	
17.37	20.42	3.05	65.00	0.08	0.00	2.00	3R	3W	
20.42	23.47	3.05	45.00	0.10	0.00	2.00	2R	2W	
23.47	26.52	3.05	30.00	0.30	0.00	2.00	2R	2W	
			50.00	0.15	0.00	2.00	3R	3W	
26.52	29.57	3.05	70.00	0.07	0.00	2.00	2R	3W	
			35.00	0.08	0.00	3.00	3R	2W	
29.57	32.61	3.04	20.00	0.03	0.00	2.00	2R	2W	
32.61	35.66	3.05	30.00	0.45	0.00	2.00	2R	2W	
			60.00	0.35	0.00	2.00	2R	2W	
35.66	38.71	3.05	10.00	3.00	0.00	2.00	3R	3W	
			50.00	0.15	0.00	2.00	2R	2W	
38.71	41.76	3.05	60.00	0.06	0.00	2.00	3R	2W	
41.76	44.81	3.05	30.00	0.03	0.00	2.00	3R	2W	
			55.00	0.10	0.00	2.00	2R	2W	
44.81	47.85	3.04	45.00	0.20	0.00	2.00	2R	2W	
			60.00	0.10	0.00	2.00	2R	3W	
47.85	50.90	3.05	70.00	0.08	0.00	2.00	2R	2W	
			50.00	0.15	0.00	2.00	3R		
50.90	53.95	3.05	60.00	0.08	0.00	2.00	2R	2W	
			20.00	3.00	0.00	2.00	3R	2W	
53.95	57.00	3.05	50.00	0.08	0.00	2.00	3R	2W	
			30.00	0.20	2.00	2.00	3R	2W	

KLAZA

57.00	60.05	3.05	50.00	0.08	0.00	2.00	3R	2W	
			20.00	0.20	2.00	2.00	3R	2W	
60.05	63.09	3.04	50.00	0.07	0.00	2.00	3R	2W	
63.09	66.14	3.05	30.00	0.50	0.00	2.00	3R	2W	
			70.00	0.05	0.00	2.00	3R	1W	
66.14	69.19	3.05	30.00	0.25	0.00	2.00	3R	3W	
			60.00	0.10	0.00	2.00	2R	2W	
69.19	72.24	3.05	40.00	0.07	0.00	3.00	3R	1W	
			60.00	0.25	0.00	2.00	2R	2W	
72.24	75.29	3.05	60.00	0.03	0.00	2.00	2R	2W	
75.29	78.33	3.04	50.00	0.15	0.00	3.00	3R	3W	
78.33	81.38	3.05							
81.38	84.43	3.05	40.00	0.40	0.00	2.00	3R	2W	
84.43	87.48	3.05							
87.48	90.53	3.05	50.00	0.30	0.00	2.00	2R	1W	
90.53	93.57	3.04							
93.57	96.62	3.05							
96.62	99.67	3.05	60.00	0.07	1.00	2.00	2R	1W	
99.67	102.72	3.05	30.00	0.07	0.00	2.00	2R	1W	
102.72	105.77	3.05	50.00	0.70	0.00	2.00	2R	1W	
105.77	108.81	3.04							
108.81	111.86	3.05	50.00	0.20	0.00	2.00	2R	1W	
111.86	114.91	3.05	40.00	0.40	5.00	2.00	3R	1W	
114.91	117.96	3.05	30.00	0.50	4.00	2.00	3R	1W	
117.96	121.01	3.05							
121.01	124.05	3.04							
124.05	127.10	3.05	40.00	0.15	0.00	2.00	3R	1W	
127.10	130.15	3.05	40.00	0.20	0.00	2.00	3R	2W	
130.15	133.20	3.05							
133.20	136.25	3.05	40.00	0.40	0.00	2.00	3R	1W	
136.25	139.29	3.04	50.00	0.30	0.00	2.00	2R	1W	
139.29	142.34	3.05							
142.34	145.39	3.05	50.00	0.15	1.00	2.00	3R	1W	
145.39	148.44	3.05	40.00	0.35	4.00	2.00	3R	2W	
148.44	151.49	3.05							
151.49	154.53	3.04							
154.53	157.58	3.05	40.00	1.00	0.00	2.00	3R	1W	
157.58	160.63	3.05	65.00	0.50	0.00	2.00	3R	1W	
160.63	163.68	3.05							
163.68	166.73	3.05	60.00	0.60	0.00	2.00	3R	1W	
166.73	169.77	3.04	55.00	0.40	2.00	2.00	3R	2W	

KLAZA

169.77	172.82	3.05	50.00	0.10	2.00	2.00	3R	2W	
172.82	175.87	3.05	60.00	0.40	0.00	2.00	3R	1W	
175.87	178.92	3.05	40.00	0.50	5.00	2.00	3R	1W	
178.92	181.97	3.05							
181.97	185.01	3.04	60.00	0.35	0.00	2.00	2R	1W	
185.01	188.06	3.05							
188.06	191.11	3.05	60.00	0.20	0.00	2.00	3R	1W	
191.11	194.16	3.05	50.00	0.20	10.00	2.00	3R	1W	
194.16	197.21	3.05							
197.21	200.25	3.04	15.00	1.00	0.00	2.00	3R	1W	
200.25	203.30	3.05							
203.30	206.35	3.05	50.00	2.15	0.00	2.00	2R	1W	
206.35	209.40	3.05	40.00	0.75	0.00	1.00	2R	1W	
209.40	212.45	3.05	40.00	0.16	0.00	1.00	2R	1W	
212.45	215.49	3.04	70.00	0.70	0.00	1.00	2R	1W	
215.49	218.54	3.05	50.00	0.60	0.00	1.00	2R	1W	
218.54	221.59	3.05	50.00	0.45	0.00	1.00	3R	1W	
221.59	224.64	3.05	40.00	0.40	0.00	1.00	2R	1W	
224.64	227.69	3.05	50.00	0.75	0.00	1.00	2R	1W	
227.69	230.73	3.04	50.00	0.84	0.00	1.00	2R	1W	
230.73	233.78	3.05	80.00	1.30	0.00	1.00	2R	2W	
233.78	236.83	3.05	60.00	0.17	0.00	1.00	2R	1W	
236.83	239.88	3.05	70.00	0.33	1.00	1.00	2R	1W	
239.88	242.93	3.05	70.00	0.87	0.00	1.00	2R	1W	
242.93	245.97	3.04	80.00	0.20	0.00	1.00	2R	1W	
245.97	249.02	3.05	50.00	0.06	0.00	1.00	3R	1W	
249.02	252.07	3.05	40.00	0.75	0.00	2.00	3R	1W	
252.07	255.12	3.05	60.00	0.20	0.00	2.00	3R	1W	
255.12	258.17	3.05	70.00	0.20	0.00	2.00	3R	1W	
			45.00	0.30	0.00	2.00	3R	1W	
258.17	261.21	3.04	75.00	0.20	0.00	2.00	3R	1W	
			45.00	0.15	1.00	2.00	2R	1W	
261.21	264.26	3.05						1W	rubble
264.26	267.31	3.05	45.00	0.40	0.00	2.00	2R	1W	
			60.00	0.30	0.00	2.00	3R	1W	
267.31	270.05	2.74	75.00	0.45	0.00	2.00	3R	1W	
									EOH

KLAZA

Hole: DDH-KL-12-90 Date: August 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	n/a	casing
3.00	14.40	
4.00	18.80	
5.00	21.70	
6.00	6.25	
7.00	17.60	
8.00	5.18	
9.00	22.60	
10.00	6.76	
11.00	21.50	
12.00	21.20	
13.00	14.80	
14.00	20.70	
15.00	21.90	
16.00	5.45	
17.00	3.38	
18.00	1.66	
19.00	2.35	
20.00	14.60	
21.00	8.03	
22.00	14.50	
23.00	11.90	
24.00	14.60	
25.00	17.00	
26.00	5.84	
27.00	4.22	
28.00	10.50	
29.00	9.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	3.60	
31.00	1.25	
32.00	4.81	
33.00	7.93	
34.00	14.90	
35.00	9.77	
36.00	17.50	
37.00	16.90	
38.00	5.84	
39.00	4.38	
40.00	9.22	
41.00	7.76	
42.00	6.08	
43.00	16.30	
44.00	16.40	
45.00	12.30	
46.00	17.20	
47.00	16.70	
48.00	7.87	
49.00	3.56	
50.00	19.50	
51.00	20.50	
52.00	9.08	
53.00	16.20	
54.00	11.00	
55.00	2.93	
56.00	11.90	
57.00	4.53	
58.00	5.57	
59.00	2.48	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.05	
61.00	21.10	
62.00	15.60	
63.00	14.10	
64.00	16.00	
65.00	20.20	
66.00	16.20	
67.00	18.10	
68.00	8.81	
69.00	12.40	
70.00	19.40	
71.00	9.86	
72.00	13.60	
73.00	6.33	
74.00	1.27	
75.00	3.71	
76.00	10.10	
77.00	0.18	
78.00	12.80	
79.00	13.90	
80.00	12.40	
81.00	12.80	
82.00	14.20	
83.00	12.00	
84.00	14.90	
85.00	16.50	
86.00	14.40	
87.00	0.47	
88.00	0.67	
89.00	0.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.94	
91.00	19.50	
92.00	18.40	
93.00	20.00	
94.00	19.10	
95.00	11.40	
96.00	14.40	
97.00	0.65	
98.00	10.90	
99.00	16.50	
100.00	0.63	
101.00	19.80	
102.00	19.30	
103.00	21.30	
104.00	19.00	
105.00	19.40	
106.00	2.41	
107.00	17.00	
108.00	15.90	
109.00	9.30	
110.00	20.00	
111.00	6.04	
112.00	10.30	
113.00	19.10	
114.00	19.10	
115.00	20.10	
116.00	13.80	
117.00	19.00	
118.00	14.00	
119.00	19.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	17.50	
121.00	20.40	
122.00	13.70	
123.00	21.10	
124.00	18.00	
125.00	18.10	
126.00	20.70	
127.00	0.63	
128.00	6.25	
129.00	14.60	
130.00	19.80	
131.00	21.10	
132.00	5.57	
133.00	0.36	
134.00	11.40	
135.00	14.20	
136.00	19.30	
137.00	0.53	
138.00	0.71	
139.00	19.90	
140.00	17.20	
141.00	19.40	
142.00	16.40	
143.00	19.40	
144.00	18.20	
145.00	0.67	
146.00	0.57	
147.00	13.00	
148.00	12.80	
149.00	3.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.41	
151.00	17.00	
152.00	28.10	
153.00	9.36	
154.00	19.20	
155.00	18.30	
156.00	16.00	
157.00	18.20	
158.00	16.50	
159.00	18.20	
160.00	14.10	
161.00	16.10	
162.00	15.00	
163.00	0.69	
164.00	13.40	
165.00	2.99	
166.00	8.20	
167.00	9.14	
168.00	1.12	
169.00	0.51	
170.00	0.55	
171.00	0.49	
172.00	13.00	
173.00	10.10	
174.00	10.10	
175.00	3.77	
176.00	0.71	
177.00	11.50	
178.00	11.90	
179.00	9.86	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.02	
181.00	0.53	
182.00	0.41	
183.00	13.70	
184.00	0.47	
185.00	13.90	
186.00	15.90	
187.00	14.30	
188.00	11.40	
189.00	13.90	
190.00	11.80	
191.00	17.90	
192.00	16.80	
193.00	15.10	
194.00	15.50	
195.00	15.40	
196.00	16.40	
197.00	17.60	
198.00	0.59	
199.00	16.50	
200.00	0.30	
201.00	6.70	
202.00	7.33	
203.00	2.13	
204.00	0.47	
205.00	15.90	
206.00	19.40	
207.00	27.50	
208.00	28.60	
209.00	20.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	22.60	
211.00	2.50	
212.00	18.40	
213.00	15.20	
214.00	22.40	
215.00	14.60	
216.00	4.28	
217.00	24.70	
218.00	17.00	
219.00	0.61	
220.00	24.20	
221.00	14.80	
222.00	20.80	
223.00	23.10	
224.00	22.90	
225.00	14.30	
226.00	15.90	
227.00	20.00	
228.00	22.40	
229.00	19.50	
230.00	26.60	
231.00	21.50	
232.00	24.30	
233.00	15.80	
234.00	16.60	
235.00	17.60	
236.00	21.90	
237.00	0.96	
238.00	1.76	
239.00	0.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	6.94	
241.00	4.26	
242.00	17.90	
243.00	19.90	
244.00	3.81	
245.00	18.30	
246.00	20.20	
247.00	2.87	
248.00	1.98	
249.00	3.28	
250.00	8.36	
251.00	1.82	
252.00	6.45	
253.00	0.55	
254.00	0.47	
255.00	0.30	
256.00	13.20	
257.00	15.90	
258.00	17.80	
259.00	30.40	
260.00	1.53	
261.00	0.30	
262.00	0.24	
263.00	0.73	
264.00	0.63	
265.00	10.80	
266.00	13.50	
267.00	16.20	
268.00	0.47	
269.00	8.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	16.60	
		EOH at 270.05 meters

KLAZA

Hole: **DDH-KL-12-90** **Date: July 27, 2012**

Box #	From (m)	To (m)
1	2.23	8.17
2	8.17	13.88
3	13.88	19.50
4	19.50	25.39
5	25.39	31.13
6	31.13	36.86
7	36.86	42.35
8	42.35	47.92
9	47.92	53.68
10	53.68	59.42
11	59.42	65.26
12	65.26	71.00
13	71.00	76.88
14	76.88	82.60
15	82.60	88.33
16	88.33	94.14
17	94.14	99.70
18	99.70	105.72
19	105.72	111.25
20	111.25	117.18
21	117.18	123.08
22	123.08	128.90
23	128.90	134.79
24	134.79	140.65
25	140.65	146.32
26	146.32	152.22
27	152.22	158.01
28	158.01	163.82
29	163.82	169.70

KLAZA

30	169.70	175.43
31	175.43	181.47
32	181.47	187.58
33	187.58	193.39
34	193.39	199.15
35	199.15	204.99
36	204.99	210.67
37	210.67	216.64
38	216.64	222.37
39	222.37	227.90
40	227.90	233.63
41	233.63	239.65
42	239.65	245.40
43	245.40	251.21
44	251.21	257.26
45	257.26	264.22
46	264.22	268.95
47	268.95	270.05
		EOH at 270.05 meters

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			381817.05	6889834	1307.832	418.19

SECTION:

HOLE: DDH-KL-12-91

CLAIM: YC37984

Contractor: Strike Drilling

Drill: 2

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: July 22 - 28, 2012

Geology logged by: Barry Penner

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	43.20		GRD	Unaltered granodiorite with patches of argillic and phyllic alteration. Short mafic dyke intrusion.
43.20	266.91		GRD	Long stretch of alternating phyllic/argillic/propylitic-altered granodiorite, with a dominant and unifying hematite alteration pattern.
266.91	335.97		GRD	Alternating propylitic and phyllic alteration with short patches of argillic alteration. Scattered sulphide-rich quartz veins and clay-altered veins.
335.97	343.51		FEL	Moderately clay altered felsic dyke intrusion.
343.51	418.19		GRD	Alternating phyllic and propylitic alteration with scattered sulphide-rich quartz veins and gouge zones. EOH at 418.19 meters.

SAMPLES

Numbers: N810692-N810850
N812301-N812369

Total: 228

Batch: 88-4; 91-1 to 91-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-91 **Logger Name:** **Barry Penner** **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY							ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
															Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	6.76	6.76			0.00		OVB		MD	BN	RB	4I									OVB and soil
6.76	29.46						GRD			WH	XC	5I	3I					cb	2.00		Weak to moderate argillic alteration with patches of unaltered granodiorite. All heavily oxidized except for unaltered granodiorite. Carbonate stringers cut through, roughly 10 per meter.
										BN	RB										
			23.80	24.15			GRD	MG	MD	GY	XC	2I		POT	3I	py	1.00				Patch of relatively unaltered granodiorite with moderate potassic overprint. Some oxidation around carbonate flooded stringers. Trace pyrite, disseminated.
									LT	PK	XC			CLY	2I						
29.46	32.45						MAF	FG	MD	PU	PO			CLY	2I						Weak clay alteration, siliceous dyke. Alternates from deep purple to lit green around carbonate veinlets/stringers.
									LT	GN	PO										
			31.78	32.29			FEL	FG	LT	GN	PO			CLY	2I						Siliceous dyke interval, felsic/light green around soft, gouged carbonate veinlets.
32.45	61.02						GRD	MG	LT	GN	XC		4I	ARG	4I			sp	1.00		Moderate to strong argillic with patches of phyllic near strong veinlet/stringer density. Sphalerite present in phyllic, along with sericite. Rubbly, messy core. Short patches of shtrong to intense hematization. All strongly silicified. Quartz carbonate veinlets/veins/stringers, sometimes with dark green chlorite staining, roughly 10-15 per meter. Gouge around veins; dyke selvage.
											GO			PHC	4I			se	1.00		
											RB			HEM	5I						
									DK	RD	XC										
			44.02	44.77			GRD	MG	DK	RD	XC			HEM	3I			cb	10.00		Intense, pervasive hematized sub-interval with moderate carbonate alteration (flooding). Netted carbonate/quartz stringers sometimes with chlorite staining.
														CAR	3I						
61.02	72.65						GRD	MG	DK	RD	XC	1I	4I	HEM	5I						Netted to dendritic Hematite dominated rock, with hematization obliterating any previous alteration. Trace oxidation along some fractures. Quartz carbonate veinlets/stringers, mostly hematite stained, and very pervasive; this interval of hematization does not have the same carbonate flooding as the previous subinterval. effervescence restricted to veinlets/stringers. Several gouged/rubbly zones.
									DK	RD	NE										
									DK	RD	DN										
			68.02	68.66			GRD	MG	DK	RD	NE		3I	HEM	4I						Competent subinterval with netted hematite texture. Dark green clay alteration of original rock, possibly propylitic (?)
									DK	GN	XC										
			69.19	72.11			GRD	MG	MD	GN	XC		4I	ARG	3I	1.00		sp	1.00		Small patch of phyllic/argillic alteration, where hematization intensity is reduced to weak; light dendritic hematization texture. Disseminated sphalerite and pyrite. Strong siliceous obliterates most phyllic/argillic textures
														PHC	4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
72.65	113.88						GRD	MG	MD	GN	XC		5I					py	1.00		Extremely siliceous interval of possibly phyllic (?), or advanced argillic - no disseminated pyrite. Clay altered. Veinlets/veins show now effervescence, and grow in density to the point of strong preferential weathering, and on to intense brecciation of host rock. Trace disseminated pyrite through breccia gone; dark vein remnants show disseminated to blebby pyrite. Carbonate stringers detectable in more competent rock downhole of breccia; alont with chalcedony vein with carbonate flooding. Dyke intrusion, siliceous, after sulfide-rich quartz vein. Sulfide stringers immediately after dyke with disseminated pyrite grading out to trace into heavily silicified phyllic.
																		cp	1.00		
																		sp	1.00		
																		as	1.00		
			93.57	104.91			GRD	MG	MD	GN	XC			CLY		5.00	1.00	cp	1.00		Clay alteration. Vein breccia. Extensive patches of gouge where veins have been completely altered to clay. Sulphide-rich quartz vein at 98.90m. Clay veins generally white to off-white with disseminated pyrite; clay is black around quartz vein (sulfide rich). Quartz vein hostsblebby to massive pyrite, chalcopyrite; blebby arsenopyrite, sphalerite. Pyrite is disseminated through clay in higher concentrations around black clay/near quartz vein. Clay eventually returns to a greenish-whitish tint after mineralized zone.
									DK	GY	XC							sp	1.00		
									MD	WH	GO										
										BK	GO										
			104.91	107.95			FEL	PO	DK	PU	MO			CLY	3I						Weakly to moderately clay altered felsic, siliceous dyke. Dark purple with medium beige patches. Contacts are blended and sharp. Carbonate flooding/stringers occur mostly in beige patches. Purple dyke is hematite-altered felsic beige dyke.
									MD	BG	PO			HEM	4I						
			107.95	108.68			GRD	MG	DK	GN	NE		5I	PRO	5I	5.00	2.00	sp	2.00		Part gouge, part competent veinlet/stringer-infested siliceous propylitic altered granodiorite. Series of stringers with up to 20 percent arsenopyrite. Dark green, netted texture due to many small sulfide stringers/smoky quartz stringers crosscutting. Strongly to intensely siliceous. Hosst rock has lots of disseminated pyrite; some blebby arsenopyrite and sphalerite.
																		cb	1.00		
113.88	137.80						GRD	MG	LT	GN	XC		3I	PRO	3I			se	1.00		Series of propylitic-argillic-phyllic alteration halos around small carbonate flooded quartz veinlets. Crystalline sericite in strong phyllic; trace pyrite in veins only. Half competent argillic patches; half rubbly/eroded argillic. 35cm gouge patch above 60cm hematized patch. Potassic overprint of argillic alteration in one patch.
									DK	GN	XC			ARG	4I						
										WH	XC			PHC	4I						
														HEM	4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			120.44	124.47			GRD	MG		WH	XC		3I	ARG	4I			se	1.00		Argillic altered interval with moderate to strong potassic overprint. Quartz carbonate veinlets cut through causing small patchy phyllic windows
									LT	PK	XC			POT	4I						
									DK	GY	XC			PHC	4I						
			124.75	126.89			GRD	MG	MD	GN	XC		4I	PHC	5I	1.00		se	1.00		Strong to intense phyllic envelope around a series of sulfide mineralized veinlets. Strongly silicified. Pyrite still restricted to veinlets. Crystalline sericite.
									LT	GN	XC										
									DK	GN	XC										
			128.12	128.47			GRD	MG	LT	GN	GO			PHC	4I						Gouged phyllic altered rock, light coloured. No visible sulfide mineralization.
										WH	GO										
			128.58	129.19			GRD	MG	DK	RD	XC			HEM	4I						Strongly hematized propylitic granodiorite. Half red blebs, half dark green blebs. Quartz carbonate veins cut through.
									DK	GN	XC			PRO	3I						
			129.97	135.69			GRD	MG	DK	RD	XC			ARG	4I						Rubbly/fractured argillic with very weak potassic overprint (patchy). Small partches of phyllic interrupt.
									DK	GN	XC			POT	2I						
137.80	181.43						GRD	MG	MD	GN			4I	PHC		1.00					Strongly siliceous interval surrounding a large vein/gouge breccia zone. Patchy argillic and hematite alteration; very strong siliceous alteration throughout. Dendritic chlorite veinlets. Clay altered vein breccia, though not as strong as last interval. Disseminated pyrite around veins/veinlets only.
									LT	GN	XC										
			142.34	144.44			GRD	MG	MD	GY	XC		3I	ARG	4I						Fractured argillic interval with trace potassic overprint. Calcite veinlets/ stringers cut through
										WH	XC			POT	1I						
									DK	GN	XC										
			152.14	153.00			GRD	MG	DK	GN	XC		3I	PRO	3I			ep	1.00		Propylitic interval with moderate to strong siliceous alteration. Trace potassic interval. Carbonate stringers cut through, roughly 5 per meter
														POT	1I						
			160.05	167.04			GRD	MG	LT	GN	XC		4I	PHC	4I			py	1.00		Strongly siliceous phyllic-altered interval with dendritic chlorite-stained quartz veins grading into, then out of, strongly clay atlered vein/breccia. Disseminated to blebby pyrite, some around/in veins/inside breccia.
									DK	GN	DN			CLY	4I						
									DK	GN	BX										
			167.14	169.07			FEL	FG	LT	BG	PO			CLY	3I						Felsic dyke cut by smoky quartz/carbonate veins/veinlets. Clay breccia for short patches. Mottled with medium to dark gray patches - heavily silicification?
									MD	GY	MO										
			169.07	172.05			GRD	FG	DK	GN	XC		4I	PHC	4I	1.00	1.00				Strongly silicified phyllic alteration. Strongly netted quartz vein system at top, grading to rubbly phyllic. Cut by quartz veins; grading to a strongly siliceous phyllic alteration, very fine grained and dark. Possibly altered xenolith? Disseminated arsenopyrite, disseminated to blebby pyrite concentrated around veins.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									MD	GN	XC										
			175.75	181.02			GRD	MG	DK	GN	XC		5I	ARG	4I	1.00					Intense phyllic/argillic alteration with dendritic smoky/milky quartz veins/veinlets. Some carbonate flooded, most chlorite stained. Carbonate:2 percent. Disseminated to blebby pyrite concentrated around veins.
									LT	GN	XC			PHC	5I						
									DK	GN	DN										
181.43	224.49						GRD	MG	DK	RD	DN		5I	HEM	5I	1.00		ep	1.00		Largely propylitic interval with patches of phyllic/argillic, all with dendritic hematite-stained quartz veins/veinlets with strong to intense hematization. Disseminated pyrite in scattered smoky quartz veins/veinlets. Gougy/clay altered patch ofphyllic. Half of the quartz veinlets/veins are carbonate flooded, scattered carbonate veins, especially in hematized argillic granodiorite.
									MD	GN	XC			ARG	4I			se	1.00		
										WH	XC			PHC	4I						
														PRO	4I						
														CLY	3I						
			191.38	192.70			GRD	MG	LT	GN	XC		5I	ARG	4I	1.00		se	1.00		Argillic grading to phyllic alteration around small milky to smoky quartz veins hosting pyrite. Significant reduction in hematization intensity.
									MD	GN	XC			PHC	4I						
										WH	XC										
			194.93	196.28			GRD	MG		WH	XC		3I	ARG	5I						Argillic altered granodiorite with strong clay/gouge forming. Darkl green quartz veins cut through all - chlorite stained; also smoky quartz.
									LT	GN	XC			CLY	4I						
									LT	GY	GO										
			196.44	205.77			GRD	MG	MD	GN	XC		5I	PRO	4I			ep	1.00		Long stretch of propylitic with moderate to strong hematization/ hematite stained quartz vein/veinlet. Dendritic texture intensity reduced; veins streaking across.
									DK	RD	DN			HEM	4I						
									MD	GY	XC										
			208.59	209.22			GRD	MG	MD	RD	BL		5I	HEM	4I						Small stretch of hematized propylitic alteration with intense clay alteration of netted vein system. Soft, soapy, eggshell white clay, some small 1cm patches stained green.
									DK	GN	XC			PRO	4I						
									MD	GY	XC										
224.49	266.91						GRD	MG	LT	GY	XC		5I	PHC	4I	1.00					Alternating patches of phyllic, intensely silicified, with hematite alteration overprinting propylitic alteration. Hematization manifests with dendritic to webbed chlorite stringers; occasional patches of solid, deep red. Patches of extremely silicified propylitic generally coincide with dendritic hematization. Phyllic patches around veins/veinlets. Veins often have high percentage of carbonate.
									DK	RD	DN			HEM	4I						
														PRO	3I						
			229.04	231.10			GRD	MG	LT	GN	XC		5I	PHC	4I	1.00					Extremely siliceous phyllic interval with small patch of netted hematization, around a quartz carbonate vein hosting pyrite.
									DK	RD	NE										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			231.10	239.47			GRD	MG	DK	GN	XC		5I	PRO	4I	1.00		ep	2.00		Long interval of propylitic with patches of hematization (netted texture). 8cm blebs of epidote, with sharp, many contact against 21cm patch of solid red/purple hematization (236.41m-236.71m). Carbonate veins/veinlets crosscut interval, roughly 1-2 per meter.
									DK	RD	NE										
			239.47	243.24			GRD	MG	LT	GN	XC		5I	PHC	4I	1.00					Heavily silicified phyllic interval cut by milky quartz veinlet. Clay alterationin veins near end of interval.
			245.36	248.04			GRD	MG	LT	GN	XC		5I	PHC	4I	1.00		sp	1.00		Same siliceous phyllic interval as above. Quartz vein containing blebby pyrite, sphalerite.
			250.98	257.05			GRD	MG	LT	GN			5I	PHC	4I	1.00					Same phyllic interval as above, with a pyrite-rich quartz carbonate vein, and a dark gray gouge/clay altered vein section (255.31-256.21m). 20cm after gouge, 20cm of solid red hematization.
									MD	GY											
			262.72	265.10			GRD	MG	DK	GN	XC		3I	PRO	4I	1.00		ep	1.00		Propylitic alteration, grading from medium grained near top to more fine grained near end, where veinlets are more abundant. Small blebs of pyrite in odd calcite veinlet.
			265.10	266.91			GRD	MG	LT	GN	XC			PHC		1.00					Strong to intense phyllic interval with milky quartz veins, calcite veins. Blebby pyrite in quartz veins, and disseminated through top half of interval.
266.91	281.62						GRD	MG	DK	GN	XC		4I	PRO	4I	1.00					Propylitic dominated interval with short patches of argillic and phyllic around veins. Hematization is over. Scattered, rare veinlets host massive pyrite. Most veinlets/veins are quartz carbonate.
									MD	GY	XC			PHC	4I						
			272.25	273.68			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00					Argillic with potassic overprint (weak) grading into phyllic (strong) around a set of quartz veinlets. Disseminated pyrite in veinlets only.
									MD	GN	XC			ARG	4I						
														POT	2I						
281.62	296.70						GRD	MG	LT	GN	XC			PHC	4I	2.00	1.00	sp	1.00		Alternating phyllic/argillic with strong but short potassic onargillic, and short propylitic interruptions. Vein zone is in interval; blebby to massive pyrite, sphalerite, arsenopyrite.
									DK	GN	XC			ARG	4I						
									MD	GY	XC										
			295.00	296.25			QVN			GY	BL					####	5.00	sp	4.00		Long system of veins containing crystalline arsenopyrite; blebby to massive pyrite; blebby sphalerite. Smoky quartz hosts most sulfides; milky quartz, vuggy ankerite also present. Crystalline arsenopyrite is acicular, patch of sphalerite/pyrite/milky quartz has leopard-print texture.
										BG	BX										
296.70	335.97						GRD	MG	DK	GY	XC		3I	PRO	3I	1.00		se	1.00		Interval is dominated by stretches of moderate propylitic alteration with patches of phyllic/argillic around veins/veinlets. Trace epidote in small patches of propylitic;crystalline sericite in strongest phyllic altered rock. Rare but strong potassic overprinting small patches of propylitic.
									DK	GN	XC			PHC	4I			ep	1.00		
									LT	GN	XC			ARG	4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			301.80	303.50			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00					Strong phyllic envelope aroung a set of small quartz/chalcedonly carbonate veins/veinlets, punctuated by small intervals of argillic and propylitic. All pyrite concentrated in veinlets.
									DK	GN	XC			ARG	4I						
			307.00	308.60			GRD	MG		WH	XC		2I	ARG	4I			se	1.00		Strong argillic with weak potassic overprint, interrupted by a small moderate to strong phyllic band around a quartz vein.
									LT	GN	XC			POT	2I						
									LT	PK	XC										
			308.60	312.16			GRD	MG	LT	GN	XC		4I	PHC	5I	2.00		se	2.00		Strong to intense phyllic alteration around a series of quartz carbonate veins/veinlets hosting pyrite. Good crystalline sericite development. Phyllic alteration grades into advanced to moderate argillic at end of interval.
									LT	GY	XC										
			315.18	316.43			GRD	MG	LT	GN	XC		4I	PHC	5I	1.00		se	1.00		Argillin to phyllic to argillic alteration envelope around quartz/chalcedony vein. Moderate to strong silicification. Crystalline sericite. Pyrite restricted to veinlet/vein.
										WH	XC			ARG	4I						
			322.97	328.99			GRD	MG	LT	GN	XC		4I	PHC	5I	1.00		se	1.00		Phyllic interval with small argillic interruptions. Veins/veinlet density increase, mostly quartz carbonate with rare carbonate veins. Strongly silicified.
										WH	XC			ARG	4I						
			333.31	335.97			GRD	MG	LT	GN	XC		5I	PHC	5I	####		se	2.00		Twe large (22cm and 26cm) quartz veins, milky with small gray patches, hosting pyrite, chalcopyrite, arsenopyrite. Intensely silicified phyllic alteration aroudn quartz veins is riddled with pyrite and sericite.
										WH	XC			CLY	3I			ep	2.00		
335.97	343.51						FEL	FG	LT	TN	PO						1.00				Moderately clay altered felsic dyke, intruding granodiorite inside vein zone. One 10cm patch of intensely silicified intense phyllic. Granodiorite at 337.63m - incorporated as xenolith, or did dyke fork around this sliver of phyllic alteration? Also, one 10cm long vein at 348.51m. Quartz and quartz carbonate veinlets cut through dyke, roughly 3 per meter.
343.51	360.12						GRD	MG	LT	GN	XC		4I	PHC	5I	3.00		se	1.00		Interval is mostly phyllic/argillic with short patches of propylitic; weak to moderate potassic alteration on propylitic. Consistent vein/veinlet density at 2-3 per meter. Post-dyke quartz vein at top of interval.
									DK	GN	XC			ARG	4I						
														PRO	3I						
			343.51	344.69			GRD	MG	LT	GN	XC		5I	PHC	5I	####		se	2.00		Intense phyllic alteration with intense silicifiation around several large quartz veins. Subinterval is fluid-eroded and weakly to moderately clay altered, with short patches of gouge forming.
									LT	GY	FD			CLY	3I						
			346.46	347.22			GRD	MG	DK	GN	XC		5I	PRO	5I						Silica flooded propylitic altered granodiorite with moderate potassic overprint, grading into argillic downhole.
									MD	GY	XC			POT	3I						
									MD	RD	XC										
			349.48	351.41			GRD	MG		WH	XC		5I	ARG	5I						Strong to intense argillic interval with patchy potassic overprint.
									LT	GN	XC										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			355.50	357.72			GRD	MG	DK	GN	XC		4I	PRO	4I			ep	1.00		Propylitic interval with weak to moderate propylitic overprint. Trace blebby epidote. Short 5cm phyllic alteration envelope around small quartz carbonate veinlet.
									DK	GY	XC			POT	3I						
360.12	385.93						GRD	MG	LT	GN	XC		4I	PHC	5I	1.00		se	2.00		Phyllic interval, fluid weathered, rubbly, patches of gouge forming. High vein/veinlet density, 10-12 per meter. Gouge often streaked black. Sericite is crystalline around veins. Rare hematite on some fractures. Large gouge patch near end of interval; also two small 10cm patches of heavily silica flooded hematized granodiorite, cut by dendritic deep red stringers (383.88-383.99m; 304.40-304.44m) with small patch of argillic in between.
									LT	GY	XC			CLY	3I						
									LT	GY	GO										
			379.69	382.92			GRD	MG	LT	GY	GO		5I	PHC	5I	1.00					Light gray gouge with black to dark gray streaks; patches of phyllic still visible. Disseminated pyrite in black gouge; disseminated to blebby pyrite in phyllic.
									LT	GN	GO			CLY	4I						
			383.56	384.54			GRD	MG	DK	GN	XC		4I	PRO	4I			sp	1.00		Strong propylitic alteration with small dendritic hematized stringers, and a short argillic patch. Trace blebs (sphere) of sphalerite.
									DK	RD	DN										
385.93	418.19						GRD	MG	DK	GN	XC		4I	PRO	4I	1.00		ep	1.00		Propylitic interval with patches of argillic/phyllic alteration around veins; weak to moderate potassic overprint on propylitic. Disseminated pyrite restricted to phyllic rock, in/around veins. Most stringers are carbonate/quartz carbonate.
									MD	GN	XC			POT	3I						
														PHC	4I						
														ARG	4I						
			388.72	390.59			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00					Short phyllic patch around a 10cm chunk of propylitic altered granodiorite. Quartz carbonate stringers, roughly 6 per meter
			393.70	396.07			GRD	MG	LT	GN	XC		5I	PHC	4I	1.00		se	1.00		Argillic quickly grading into phyllic around a series of quartz veins/ quartz veinlets. Disseminated pyrite in strongest phyllic along with crystalline sericite.
			402.70	406.31			GRD	MG	LT	GN	XC		4I	PHC	4I	1.00		se	1.00		Strong phyllic interval around a series of pyrite-hosting quartz veins.
			408.02	409.08			GRD	MG		WH	XC		3I	ARG							Strong argillic alteration with moderate potassic overprint
									LT	GN	XC			POT							
									LT	PK	XC										
			415.42	416.66			GRD	MG	MD	GN	XC		4I	PHC	4I	1.00		se	1.00		Phyllic interval, sericite crystals around veinlets. Small patch of propylitic. Disseminated pyrite through phyllic altered rock.
									LT	GN	XC										
																					EOH @ 418.19m

KLAZA

Hole: DDH-KL-12-91 Logger Name: Barry Penner

Depth (m)		DESCRIPTION
29.48		Contact obscured by stringy oxidation/gouge. Granodiorite - dyke
32.40		Contact obscured by moderate oxidation/gouge. Dyke to granodiorite
105.04		45 degrees. Phyllic/clay altered granodiorite to felsic dyke. Beige gouge, sharp contacts.
107.94		20 degrees. Felsic dyke to phyllic granodiorite. Beige gouge, sharp contacts
167.14		35 degrees. Blended, phyllic granodiorite to felsic siliceous dyke. Dyke cut by many small chlorite stringers.
169.07		45 degrees. Sharp. Dyke to phyllic granodiorite.
335.99		55 degrees. Sharp contact, wavy borders. Think cooling margin. Mineralized by recrystallization of phyllic hosted sulphides.
343.51		Contact lost due to poor drill recovery
		EOH @ 418.19m

KLAZA

Hole: DDH-KL-12-91 **Logger Name:** Barry Penner **Date: July 2012**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	17.67	17.74	20-60		2.00			quartz carbonate veinlets, the second cuts through the first. First: carbonate flooded/vuggy. Second: Carbonate flooded, not eroded. Cut by small carbonate stringers.	
VT	23.47	29.57	20-70		25.00			Quartz carbonate/ carbonate veinlets/stringers cut through strongly to intensely oxidized argillic altered rock, flooding it. Entire interval effervesces.	
GO	29.33	29.34	25.00		1.00			Extremely oxidized orange gouge, 15mm thick.	
GO	30.23	30.49	20.00		1.00			Strongly oxidized gouge zone in mafic dyke.	
GO	32.46	32.56			1.00			Gouged, rubbly contact between mafic dyke and phyllic granodiorite. Moderate to strong oxidation.	
GO	32.67	32.87			1.00			Gouge, rubbly zone within phyllic granodiorite. Possibly mineralized, adjacent phyllic contains disseminated sphalerite. No visible sulphides.	
GO	35.57	35.62	80.00		1.00			Gouge, rubbly zone within phyllic granodiorite. Possibly mineralized, adjacent phyllic contains disseminated sphalerite. No visible sulphides.	
GO/VN	36.32	36.70	25.00		1.00			Strongly clay altered vein/gouge through silicified phyllic/argillic altered granodiorite. Small carbonate presence, 1%.	
VN	39.62	40.32	20.00		2.00			Chlorite-stained quartz vein cut by carbonate microfractures/stringers, some hematite staining. Both are 1.5cm long	
VN/GO	41.70	41.72	25.00		1.00			Banded milky quartz carbonate vein, mostly gouged/clay altered. Black/dark gray.	
VN	44.90	44.91	25.00		1.00			1.5cm dark green quartz vein (chlorite stained) cut by carbonate microfractures	
GO	48.35	48.39	55.00		1.00			2cm gouge, off-white/light gray.	
VN	51.86	51.90	25.00		1.00	py	6.00	Milky gray quartz vein with massive sphalerite, and blebby to disseminated pyrite. Cut by many carbonate microfractures. Blebby, honey brown sphalerite, blebby arsenopyrite. Surrounded by white to gray gouge.	
						sp	25.00		
						as	1.00		
VN	57.74	57.75	5.00		1.00	py	1.00	Milky quartz vein with hematite stained borders, carbonate flooded. Trace disseminated sphalerite and pyrite.	
						sp	1.00		
ST	57.00	72.24						Netted/dendritic hematite stained quartz carbonate veinlet/stringers; everywhere. Intense hematization.	
VN	69.00	69.01	40.00		1.00			Hematite stained quartz carbonate vein, partially gouged.	
VN	69.65	69.70	40.00		1.00	py	1.00	Fine grained, green (chlorite stained) chalcedony vein, heavily eroded. Cut by small carbonate microfractures. Disseminated pyrite.	
VT	71.70	71.71	60.00		1.00			Hematite stained quartz carbonate veinlet cut by carbonate microfractures. Partially eroded.	
VT	71.83	71.84	40.00		1.00			Carbonate flooded (10%) quartz veinlet, banded with a comb texture.	
VT	71.91	71.92	45.00		1.00			Hematite stained quartz veinlet cut by some carbonate microfractures. Not eroded.	
GO	75.63	75.83	35.00		1.00			Strongly gouged/clay altered vein. Light green tint.	
GO	78.43	78.56	30.00		1.00	py	1.00	White to green gouge, disseminated pyrite.	
VT	78.63	78.64	30.00		1.00			Chlorite stained quartz vein	
BX/GO	88.56	98.00				py	1.00	Phyllic host rock is brecciated by netted, clay altered/gouged vein. Disseminated pyrite throughout, concentrated after 97m	
VT	96.47	96.50	40.00		2.00	py	5.00	Crystalline quartz veinlets (translucent to milky) hosting massive pyrite, sphalerite (honeybrown)	
						sp	3.00		
VN/GO	97.12	98.00	20-50		4.00	py	1.00	Dark gray/black vein in gouge, hosting disseminated pyrite, sphalerite, arsenopyrite. Adjacent milky quartz veins.	
						sp	1.00		
						as	1.00		
VN/GO	98.32	100.73	15-20			py	4.00	White to black gouge with disseminated pyrite throughout, surrounding sulphide-rich vein (next description). Strongly clay altered vein system, brecciating phyllic host rock. 25cm black, sulfide rich gouge immediately downhole of vein.	
						sx	10.00		
VN	98.43	98.46	20.00		1.00	py	30.00	Smoky gray quartz vein, clay altered borders (black) hosting blebby to massive pyrite, arsenopyrite. Carbonate stringers crosscut, 1%.	
						as	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	98.51	98.77	30.00		1.00	py	70.00	Smoky gray quartz vein, 10% of quartz visible. Massive pyrite, arsenopyrite, chalcopyrite. Crustiform texture to quartz when visible.	
						cp	10.00		
						as	10.00		
VN/GO	101.41	104.85	30.00		18.00	py	1.00	Gouge/clay altered veins spaced 1 every 15cm. White/light gray gouge with streaks of black. Visible disseminated pyrite, 1%.	
SV/GO	107.84	107.94	20.00		1.00			Dyke selvage: contact, felsic dyke to phyllic altered granodiorite. Beige gouge.	
VT	107.96	107.97	30.00		1.00	py	60.00	Small smoky quartz pyrite veinlet.	
GO	108.10	108.13			1.00	py	1.00	Dark gray gouge/rubble hosting disseminated pyrite	
VT	108.30	108.31	30.00		1.00	py	20.00	Small smoky gray veinlet hosting massive pyrite, arsenopyrite; blebby sphalerite, pyrite.	
						sp	5.00		
						as	20.00		
VT	108.32	108.33	30.00		1.00	py	8.00	Small milky to smoky quartz veinlet, large 10mm bleb of sphalerite; massive to crystalline arsenopyrite; massive to blebby pyrite.	
						as	12.00		
						cp	8.00		
VT	108.38	108.39	30.00		1.00	as	10.00	Small smoky quartz veinlet hosting massive sulphides	
						sp	10.00		
						py	6.00		
VN	108.40	108.43	30.00		1.00	as	5.00	Smoky quartz vein with massive to blebby pyrite, arsenopyrite, and sphalerite. Crustiform texture, small light green microfractures parallel and netted.	
						py	20.00		
ST	108.65	109.20	10.00		6.00	py	3.00	Small smoky black to milky quartz stringers, hosting blebby pyrite, sphalerite. Tail end of mineralized zone after dyke.	
						sp	2.00		
VT	111.22	111.23	10.00		1.00	py	1.00	Vuggy, carbonate flooded (1%), crustiform green to milky quartz veinlets hosting blebby pyrite.	
VT	112.05	112.54	10.00		1.00	py	2.00	Vuggy gray quartz veinlet hosting blebby to disseminated pyrite. A second disseminated mineral; dull black-gray, hard, with a coating - scratch it off and a dull metallic sheen shows inside.	
VT	112.81	112.92	10.00		2.00			Small quartz stringers	
VT	114.96	115.78	20.00		2.00	py	1.00	Gray quartz veinlet, crustiform, blebby to disseminated pyrite. Under 1cm.	
VT	118.96	119.21	25.00		3.00	py	1.00	Mottled, smoky to milky quartz veinlet with blebby pyrite.	
VT	120.28	120.29	30.00		1.00	py	1.00	Milky gray, off-white quartz veinlet with blebby pyrite, arsenopyrite, sphalerite.	
						sp	1.00		
						as	1.00		
VT	123.36	123.37	25.00		1.00			quartz carbonate veinlet, hematite staining.	
VT	124.86	124.98	10.00		2.00	py	1.00	Chlorite stained quartz veins, carbonate microfractures parallel and throughout.; Disseminated pyrite	
GO	128.15	128.49			1.00			White to light green gouge	
VN	128.73	128.75	10.00		1.00			Carbonate vein, hematite stained	
VN/VT	131.80	132.20	20.00		3.00			Carbonate flooded quartz vein. Crustiform, chlorite stringers on borders.	
VT	137.10	137.11	40.00		1.00	py	1.00	Carbonate flooded quartz veinlets, smoky patches with disseminated pyrite.	
VT	138.77	138.78	40.00		1.00			Carbonate veinlet with chlorite staining	
VN	139.40	139.41	60.00		1.00	py	1.00	Crustiform chalcedony vein, carbnonate microfractures. Trace disseminated pyrite.	
VT	145.39	160.63						Chlorite/hematite stained quartz carbonate veinlets/stringers/veins. Veins mostly crustiform. Weak to trace carbonate flooding.	
BX	160.90	161.57						Smoky quartz breccia with chlorite, carbonate microfractures/stringers, cutting through. No visible sulfides.	
BX/GO	161.57	162.30						Clay altered breccia, eggshell white to light green, fine clay, with occasional streaks of black. Extremely fine grained, trace pyrite in black streaks.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	162.35	162.50	30.00		1.00	py	1.00	Crustiform off-white/milky to smoky quartz vein, carbonate flooded. Disseminated pyrite	
BX	162.60	162.70			1.00	py	1.00	Smoky quartz breccia, carbonate/chlorite microfractures/stringers cut through. Trace disseminated pyrite. Clay gouge on some fractures.	
GO	163.42	163.49	50.00		2.00	py	1.00	Eggshell white clay gouge, trace disseminated pyrite	
GO	163.76	163.94	20.00		1.00			Clay gouge bordering smoky quartz vein, eggshell white. No sulfides are visible.	
GO	164.37	165.58			1.00	py	1.00	Off-white to green, clay altered with streaks of dark gray/black. Strong alteration of rock. Disseminated pyrite in dark streaks.	
VN	166.94	166.97	75.00		1.00	py	10.00	Milky gray quartz vein with chlorite stringers, carbonate stringers cutting through. Disseminated to blebby pyrite	
VN	167.06	167.13	70.00		1.00	py	4.00	Gray quartz vein with carbonate, chlorite stringers and microfractures. Blebby pyrite, sphalerite, arsenopyrite.	
						sp	2.00		
						as	1.00		
DY	167.14	169.07	60.00		1.00			Felsic, siliceous dyke. Light to medium beige, porphyritic. Carbonate veinlets, clay altered. Mottled texture with dark green clasts.	
SV/VN	169.07	169.33				py	2.00	Dyke selvage with altered quartz carbonate veins/veinlets. Milky gray quartz veins/veinlets, blebby pyrite. Crustiform.	
						as	1.00		
						sp	1.00		
GO	169.33	169.70			1.00	py	3.00	Dark gray/black gouge, disseminated pyrite and blebby arsenopyrite. Blebby pyrite around gouge remnants of old veins/veinlets.	
						as	1.00		
VN	169.96	169.97	45.00		1.00	py	2.00	Milky quartz vein with chlorite stringers, hosting blebby pyrite.	
ST	169.97	170.02	60.00		2.00	py	2.00	Small sulfide stringers, blebby pyrite, arsenopyrite.	
						as	1.00		
VN	170.61	170.64	35.00		1.00	py	3.00	Milky to smoky quartz vein with disseminated to blebby pyrite. Gouge surrounding vein with disseminated pyrite.	
ST	171.14	172.00			12.00	py	4.00	Smoky quartz stringers hosting blebby pyrite, sphalerite.	
						sp	1.00		
GO	171.63	171.67	60.00		1.00	py	2.00	Gray gouge with disseminated pyrite	
VT	171.98	171.99	60.00		2.00	py	60.00	Milky gray quartz stringer with disseminated pyrite	
ST	172.53	172.54	10.00		2.00	py	10.00	Smoky quartz stringers with blebby to massive pyrite	
VN	172.45	172.46	40.00		1.00	py	2.00	Milky to smoky quartz vein hosting disseminated to blebby pyrite, blebby arsenopyrite/sphalerite	
						sp	1.00		
						as	1.00		
VT	175.05	175.06	30.00		1.00			carbonate veinlet	
VN	178.17	178.18	50.00		1.00			Comb/crustiform quartz vein, green staining (chlorite). Milky gray.	
VT	178.35	178.36	20.00		1.00	py	2.00	Milky to smoky quartz vein, blebby pyrite. Vuggy.	
VY	178.63	178.64	25.00		1.00			Crustiform quartz vein, green staining (chlorite)	
GO	178.89	178.91	45.00		1.00			Gray gouge, trace disseminated pyrite	
VT	179.13	179.14	50.00		1.00	py	1.00	Comb texture, milky to dark green quartz veinlet, disseminated to blebby pyrite.	
VN	179.62	179.64	25.00		1.00	py	4.00	Dark green, fine grained quartz vein, blebby pyrite	
VN	191.64	191.68	80.00		1.00			Colloform/crustiform milky chalcedony vein, small vugs and hematite staining	
VT	192.49	192.50	70.00		1.00	py	1.00	Milky gray translucent quartz veinlet with disseminated pyrite, sphalerite	
						sp	1.00		
VN	194.54	194.60	20.00		1.00			Hematite stained quartz veins, milky gray, with milky quartz stringers cutting parallel. Large carbonate flooded vein adjacent, partially weathered/pitted	
GO	195.32	195.80	20.00		1.00	py	1.00	Off-white to gray gouge, with black streaks. Trace disseminated pyrite in dark gray/black gouge	
VN	195.80	195.92	20.00		1.00	py	1.00	Milky gray quartz vein, transluceint with lots of chlorite stained stringers cutting parallel. Dendritic textures. Smoky quartz stringers cut through, also parallel, with trace disseminated pyrite.	
VN	196.46	196.47	15.00		1.00			Hematite stained quartz carbonate vein. Clayu alteration in vein; more soapy white infill.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	198.02	198.03	50.00		1.00	sp	1.00	Milky, translucent, crustiform, crystalline quartz carbonate vein. Disseminated sphalerite.	
VT	207.50	207.51	50.00		1.00			Milky quartz carbonate (10%) veinlet, disseminated pyrite around border	
VT	208.98	208.99	30.00		1.00			Clay altered veinlet, very soapy white clay. Netted clay veinlets/stringers for 17cm uphole of veinlet.	
VN	209.68	209.80	40.00		1.00	sp	1.00	Milky gray quartz vein with intruding calcite veins cutting parallel, 1cm wide each. Hematite staining and chlorite staining (Quartz), netted texture to stringers. Disseminated to blebby pyrite, also one good crystal of blackjack sphalerite, 4mm.	
						py	1.00		
VT	210.47	210.48	20.00		1.00			Carbonate flooded quartz vein, hematite and chlorite stringers cut parallel. Comb texture	
VN	219.80	219.82	90.00		1.00			Milky quartz carbonate vein, hematite stained and chlorite stained	
VN	220.79	220.83			1.00			Colloform/crustiform, vuggy, hematite stained quartz carbonate vein. Soapy white clay alteration	
VT	222.73	222.74	65.00		1.00			Weakly hematite stained colloform quartz carbonate veinlets, cutting through dendritic propylitic alteration.	
VN	224.57	224.60	60.00		1.00	py	1.00	Milky to smoky quartz vein, chlorite stained, crustiform, hosting blebby pyrite, sphalerite; disseminated pyrite. Crosscut by calcite veinlet	
						sp	1.00		
VT	224.80	224.81	35.00		1.00	py	3.00	Green milky quartz veinlet with massive pyrite	
VN	225.95	226.14	80.00		1.00	py	2.00	Carbonate flooded quartz vein, netted texture. Milky. Disseminated pyrite. Netted texture to borders. Milky green quartz vein hosting disseminated pyrite, sphalerite.	
						sp	1.00		
VT	227.16	227.44						Series of soapy white clay alteration. Vein is fractured. Hematite altered propylitic rock. Slickenslide, hematite/chlorite staining.	
VT	228.05	228.17	50.00		2.00			Two hematite/chlorite stained soapy white clay altered veins in dendritic, hematized propylitic granodiorite.	
VN	229.58	230.46	75.00		2.00	py	3.00	Crustiform,. Green stained quartz vein. Multiple veinlet intrusions with different shades pinching out/brecciating. Disseminated to blebby pyrite. Smoky patches. Each is 4cm wide.	
VT	233.39	233.42	55.00		2.00			Carbonate veinlets, flooding dendritic hematite rock.	
VN	236.27	236.36	60.00		1.00	py	5.00	Well developed crustiform quartz vein bordered downhole by green stained, gray quartz vein which brecciateds some vein remnants. Carnbonate flooded. Smoky patches. Gray quartz hosts blebby to disseminated pyrite, dissemianted sphalerite.	
						sp	1.00		
VT	238.56	238.57	65.00		1.00	py	1.00	Smoky green quartz vein, carbonate veinlets/microfractures cut through parallel. Trace disseminated pyrite.	
VT	238.73	239.55			2.00	py	1.00	Two zones, 16 and 20cm respectively, silica saturated and cut by dense web of chlorite stringers. Carbonate microfractures/stringers present but nowhere near as dense. Blebby pyrite.	
VT	240.08	240.11	70.00		1.00	py	1.00	banded milky quartz veinlet, crustiform, hosting blebby to disseminated pyrite. Uts through deep forest-moss green chlorite stained patch 10cm wide. Carbonate microfractures.	
VN	242.36	242.49	50.00		1.00			Milky-gray quartz vein brecciating old quartz vein. Gouge is green stained	
VT/GO	243.16	243.17	5.00		1.00			Gouge/clay altered. Milky quartz vein, weakly carbonate flooded.	
VT	247.59	247.60	60.00		1.00	py	1.00	Milky quartz veinlet, comb texture. Disseminated pyrite, 1%.	
VT	248.00	248.01	70.00		1.00	py	1.00	Milky gray quartz veinlet, netted. Partially chlorite stained. Disseminated pyrite.	
VT	249.45	249.46	60.00		1.00			Milky quartz vein, weakly carboante flooded.	
VT	251.17	251.18	90.00		1.00	py	8.00	Stringy, smoky quartz veinlet with milky/translucent patches. Disseminated to blebby pyrite.	
VT	253.74	253.75	25.00		1.00	py	1.00	Milky quartz stringers with disseminated to blebby pyrite	
VN	254.10	254.13	80.00		1.00	py		Off-white to smoky quartz vein with ankerite veinlet cutthing through parallel and small carboante microfractures.Crustiform. Smoky patches host most sulfides. Massive arsenopyrite, blebby to disseminated pyrite.	
						as			
ST	254.84	254.94			1.00			Smoky quartz/chlorite stringer netting bordering gouge. No sulfides.	
GO	255.00	255.02	30.00		1.00	py	1.00	Medium to dark gray gouge, trace disseminated pyrite.	
VN/GO	255.31	256.32			1.00	py	2.00	Moderate to strong clay altered with gouge patches within a zone of netted to dendritic smoky quartz/chlorite stringers. Trace disseminated pyrite in gouge/clay alteration, 2% in smoky quartz.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	255.44	257.00	55.00		1.00			Light moss green to dark red gouge (half and half) at phyllic to hematized border (4cm wide), again at hematization-phyllic border. Very rubbly.	
VN	259.51	259.53	5.00		1.00			Milky quartz carbonate vein within rubbly section. Small patches of hematite, chlorite staining.	
VT	260.26	260.27	70.00		1.00	py	1.00	Milky quartz veinlet with gray patches. Trace disseminated pyrite.	
VN	262.76	262.78	25.00		1.00			hematite-stained calcite vein.	
VT	263.59	263.60	60.00		1.00	py	15.00	Small calcite stringers with blebs of pyrite, small blebby chalcopyrite. Offset by younger calcite stringer.	
						cp	1.00		
VN	265.48	265.87	60.00		5.00	py	3.00	Series of 5 calcite flooded quartz carbonate veins. Smoky to gray quartz and ankerite patches. Crustiform, comb strutures. Massive arsenopyrite, massive to blebby to disseminated pyrite.	
						as	1.00		
VN	266.61	266.85	10.00		2.00			Large pair of lightly green stained quartz veins, 2cm each	
ST	267.46	267.47	40.00		1.00	py	2.00	Calcite stringers hosting blebby pyrite	
VT	269.65	269.66	50.00		1.00	py	2.00	Calcite veinlet hosting blebby pyrite	
VT	270.00	270.76	20.00		3.00	py	1.00	White to green stained quartz veinlet with massive calcite veinlet intrusion/flooding. Disseminated to blebby pyrite.	
VT	273.45	273.46	40.00		1.00	py	1.00	Milky to smoky quartz carbonate veinlet with disseminated pyrite in smoky patches	
VT	273.55	273.72	60.00		4.00	py	1.00	Crustiform milky quartz veinlets, trace disseminated pyrite	
GO/RB	274.11	274.48			1.00			calcite flooded, clay altered, green stained rubble /gouge	
VN	280.10	280.12	55.00		1.00	py	1.00	Milky gray quartz vein with smoky patches, carbonate flooded. Crustiform, green stained. Trace disseminated pyrite.	
GO	283.98	284.00	40.00		1.00	py	1.00	Dark gray gouge, disseminated pyrite	
VT	286.28	286.29	60.00		1.00	py	2.00	Crustiform gray-milky quartz, smoky patches. Disseminated to blebby pyrite.	
VN	286.48	286.50	50.00		1.00	py	1.00	Milky gray quartz veins, carbonate flooded. Green stained. Trace disseminated pyrite.	
VN	288.03	288.06	50.00		1.00			Crustiform, cockade texture off-white/green stained quartz vein, trace disseminated pyrite.	
VN	288.49	288.51	70.00		1.00	py	1.00	Green stained/gray transluycent quartz vein with smoky stringers. Smoky stringers host disseminated pyrite.	
VT	295.23	295.24	30.00		1.00	py	1.00	Milky to off-white quartz vein, trace carbonate flooding. Blebby pyrite. Blebby carbonate. Beginning of vein zone.	
						cl	2.00		
VN	295.29	295.34	30.00		1.00	py	12.00	Translucent milky-gray quartz vein with large smoky veinlet parallel through. Ankerite blebs.	
						as	1.00		
						sp	1.00		
GO	295.42	295.43	35.00		1.00	py	7.00	Black to dark gray gouge, disseminated pyrite.	
VN/BX	295.43	295.55			1.00	py	12.00	Smoky gray quartz vein breccia, mottled white/milky in colour. Wealky carbonate flooded. Netted quartz stringer offset vein breccia and each other. Blebby to massive pyrite, blebby to crystalline arsenopyrite,. Blebby sphalerite	
						as	5.00		
						sp	1.00		
VN	295.66	295.70	30.00		1.00	py	5.00	Smoky gray translucent quartz vein, ankerite blebs. Massive to blebby arsenopyrite; arsenopyrite also shows ghost-bladed textures. Blebby pyrite, sphalerite; zoned sphalerite.	
						as	3.00		
						sp	2.00		
						ak	5.00		
VN/BX	295.75	295.97			1.00	py	12.00	Crustiform chalcedony vein brecciates phyllic and some older smoky quartz vein remnants. All cut by ankerite vein, which has 1-15mm vugs. Acicular to massive to blebby arsenopyrite; blebby to massive pyrite; blebby to massive sphalerite.	
						as	12.00		
						sp	10.00		
VN	296.00	296.21	55.00		1.00	as	20.00	Smoky quartz vein with small patches of milky gray quartz. Uphole end of vein hosts massive to acicular arsenopyrite, very dense. Downhole end is leopard print texture of phalerite and milky quartz with pyrite, arsenopyrite disseminated throughout. Large 20mm vugs around milky patches, with good euhedral crystalline sulfide growth inside.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
						py	15.00		
						sp	15.00		
VT	296.41	296.42	60		1			Crustiform quartz veinlet, milky	
VT	297.98	297.99	45		1	py	1.00	milky quartz veinlet with smoky stringers cutting parallel. Disseminated pyrite.	
VT	298.66	298.67	70		1	py	3.00	Milky to smoky veinlet, stringy. Blebby pyrite, arsenopyrite, sphalerite.	
						as	1.00		
						sp	2.00		
VT	300.26	300.27	65		1.00	py	1.00	Smoky gray quartz carbonate veinlet. Blebby sphalerite, pyrite; disseminated pyrite	
						sp	2.00		
VN	302.10	302.12	65		1.00	py	1.00	Milky quartz veinlet, trace carbonate, blebby pyrite. Smoky quartz vein on border with disseminated pyrite.	
VT	303.82	303.83	25		1.00	py	8.00	Milky quartz carbonate veinlet with chlorite on borders, epidote outside of chlorite. One 18mm bleb of pyrite	
VT	305.91	305.92	60		1.00	py	2.00	Weaklly carbonate flooded translucent crystalline quartz veinlet with blebby pyrite.	
VN	309.48	309.50	60		1.00	py	8.00	Smoky gray quartz veinlet, flooding surrounding intense phyllic. Blebby to disseminated pyrite	
VN	309.64	309.66	45		1.00	py	7.00	Smoky gray translucent quartz vein with crustiform, brecciated/offset/partially recrystallized chalcedony bleb. Blebby to disseminated pyrite throughout; quartz vein floods surrounding phyllic. Vein itself is offset by a smoky perpendicular stringer, by 5cm. Ankerite bleb.	
						sp	1.00		
						ak	1.00		
VN	310.07	310.17	55		1.00	py	2.00	Complex chalcedony/gray to smoky quartz vein. Chalcedony brecciates/incorporates gray/smoky quartz. Crustiform patches; pyrite in smoky patches and bordering vein. Weakly carbonate flooded. Cut by carbonate/quartz stringer.	
VT	312.54	312.55	40		1.00	py	2.00	Translucent milky quartz carbonate veinlet with smoky borders hosting pyrite, blebby and disseminated.	
ST	313.92	314.24	50		5.00	py	1.00	Quartz carbonate stringer, trace disseminated pyrite. Stained green/yellow.	
RB/GO	315.09	315.33	60		1.00			Rubble/gouge developing in short argillic patch, still semi competent.	
VN	315.93	315.99	40		1.00			off-white quartz carbonate vein with gouge forming in middle	
VN	317.37	317.39	65		1.00	py		crustiform quartz vein, disseminated pyrite	
VT/VN	317.37	317.39	65		1.00	py		Crustiform quartz vein, disseminated pyrite	
VT/VN	318.22	320.50	25-80		9.00	py	1	Milky gray quartz carbonate veinlets/veins. Disseminated to blebby pyrite	
VN	325.28	325.30	30		1.00			Calcite vein, crystalline	
VN	326.39	326.41	10		1.00	py		Milky to smoky quartz carbonate vein hosting blebby pyrite. Crustiform.\	
VN	327.46	327.48	20		1.00	py	2	Smoky quartz vein with milky border. Translucent, smoky hosts blebby to disseminated pyrite	
VT	327.90	330.17	50		2.00	py	10	Off-white to smoky quartz veinlet, hosting blebby pyrite, chlorite stringers cut parallel	
VT	333.60	333.61	65		1.00	py	1	Gray to white, translucent quartz vein, blebby pyrite	
VN	334.06	334.24	60		1.00	py	18	Milky, translucent, crystalline quartz vein with smoky patches around pyrite. Massive to blebby pyrite, chalcopyrite; disseminated arsenopyrite. Intense phyllic alteration around vein hosts crystalline sericite.	
						cp	2		
						as	1		
VN	334.35	334.61	65		1.00	py	18	Milky, translucent, crystalline quartz vein hosting massive to blebby pyrite, chalcopyrite; disseminated to crystalline arsenopyrite. Smoky around pyrite. Vuggy	
						cp	2		
						as	2		
VN	334.97	334.98	60		1.00	py	5	Gray crystalline quartz vein flooding surrounding phyllic. Blebby to disseminated pyrite, trace arsenopyrite	
						as	1		
VT	335.00	335.01	55		1.00	py	100	3mm solid massive pyrite veinlet cutthing through intense phyllic altered rock	
VN	335.27	335.30	60		1.00	py	1	Milky, translucent, crystalline quartz vein, vuggy. Trace disseminated pyrite, galena (blue-silver).	
						gn	1		
DY	335.99	336.00	60		1.00	py	3	Dyke contact. Mineralized by recrystallized adjacent phyllic rock. 15mm of gouge with disseminated pyrite adjacent.	
						se	1		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	335.26	335.28	30		1.00			Medium green gouge in felsic dyke	
VN	336.03	336.05	60		1.00			Smoky gray quartz vein brecciating felsic dyke after but near contact. Gouge at border, 15mm thick. No sulphides.	
XN	337.49	337.62	65		1.00	py	2	Phyllic granodiorite inclusion within felsic dyke. Disseminated pyrite, sericite. *XN=xenolith	
						se	1		
VT	337.07	337.08	70		1.00			Milky crystalline quartz veinlet with smoky borders, in felsic dyke	
VN	337.29	337.48	65		1.00	py	4	Complex vein. Quartz brecciates older remnant vein, including its bits. Remnant crustiform chalcedony, translucent green quartz. Smoky patches hosting pyrite, arsenopyrite.	
						as	2		
GO	343.36	343.38	65		1.00			Dark gray/black gouge	
VN	343.60	343.61	45		1.00	py	45		
						as	1		
						sp	1		
VN	343.92	344.00	60		1.00	py	8	Milky crystalline quartz vein. Massive to blebby pyrite, disseminated arsenopyrite. Blebby ankerite, with vugs.	
						as	1		
						ak	2		
VN	344.05	344.07	60		1.00	py	2	Milky quartz vein with smoky patches and veinlets/stringers of ankerite cutting parallel. Vugs. Blebby to disseminated pyrite.	
VN	344.42	344.43	60		1.00	py	4	Milky to smoky quartz vein, crystalline. Blebby to disseminated pyrite, blebby arsenopyrite, blebby sphalerite. Green staining in quartz vein.	
						as	4		
						sp	2		
VN	344.61	344.67	55		1.00	py	40	Milky quartz vein with smoky patches around pyrite. Vugs. 20mm of gouge at downhole border.	
VN	344.99	345.00	40		1.00	py	16	Milky to smoky quartz vein, smoky concentrated around borders and blebs of pyrite. Blebby to disseminated pyrite, blebby sphalerite.	
						sp	1		
GO	344.90	345.15	0		1.00	py	5	Large light gray to black gouge/clay altered vein. Disseminated pyrite	
VT	349.39	349.44	5		1.00			Crustiform milky white chalcedony veinlet, an offshoot from a small chalcedony vein at 349.45 (50 degrees)	
VT	351.58	351.59	50		1.00	py	1	Gray translucent quartz veinlet with milky, green stained stringers. Blebs of pyrite	
VN	343.04	353.09	60		1.00	py	2	Complex, banded quartz vein. Bands of chalcedony (crustiform, vugs) on outside, with small patches of advanced phyllic then a calcite vein in middle. Blebby pyrite	
VN	353.51	353.52	50		1.00	py	6	Milky crystalline quartz vein with smoky patches and borders. Blebby to massive pyrite. Vugs.	
VN	354.47	354.52	60		1.00	py	2	Milky, translucent crystalline quartz vein with carbonate, quartz stringers cutting through parallel. Borders are gray, green stained. Blebby pyrite, trace disseminated arsenopyrite. Offset by carbonate stringers.	
						as	1		
GO	354.57	354.59	55		1.00	py	1	Light green/white gouge in phyllic altered rock. Trace disseminated pyrite.	
GO/RB	355.27	355.37			1.00			Rubble/gouge in argillic altered rock	
VN	358.00	358.02	55		1.00	py	50	Milky gray quartz vein, massive to blebby pyrite, disseminated arsenopyrite.	
						as	1		
GO	358.93	358.94	25		1.00	py	1	Gouge/clay altered quartz veinlet which flooded surrounding rock. Small blebby arsenopyrite, blebby to disseminated pyrite.	
						as	1		
VT	360.66	360.67	45		1.00			Crustiform chalcedony veinlet, carbonate flooded. Vuggy in middle.	
GO	361.00	373.00			7.00	py	1	Seven gouge zones, 15-30cm long, light green to gray with black streaks. Trace disseminated pyrite.	
VN	365.31	365.33	70		1.00	py	8	Complex chalcedony vein, crustiform, green staining. Massive pyrite.	
VN	372.32	372.34	20		1.00	py	1	Stringy, milky to smoky quartz vein. Disseminated pyrite.	
GO	379.67	382.92			1.00	py	1	Light green gouge with black streaks. Disseminated pyrite. In black streaks.	
VT	388.66	388.67	70		1.00	py	5	Milky gray quartz veinlet, blebby pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
APL	393.83	393.84	70		1.00			Pink, fine grained aplite dyke	
VN	395.17	395.22	35		1.00	py	1	Gray quartz vein brecciating host phyllic. Disseminated pyrite.	
VT	395.90	395.91	75		1.00	py	1	Off-white, translucent quartz vein with smoky stringers/patches. Disseminated pyrite.	
VT	396.70	396.71	80		1.00	sp	5	Milky gray quartz veinlet with ankerite stringers/blebs. Blebby, honeybrown sphalerite; disseminated pyrite.	
						py	1		
VN	402.89	402.96	75		1.00	as	1	Milky quartz vein with translucent green patches. Blebby arsenopyrite and pyrite; disseminated pyrite. Stringy to netted texture.	
						py	3		
VT	404.99	405.00	60		1.00	py	4	Off-white, crystalline, green-stained quartz vein with smoky borders. Blebby pyrite. Vuggy.	
VN	405.05	405.44	30		2.00	py	1	Stringy, off-white, crystalline quartz vein. Blebby pyrite, smoky patches with disseminated pyrite.	
VT	405.76	405.77	80		1.00	as	1	Stringy, milky to off-white quartz veinlet, smoky patches. Disseminated arsenopyrite.	
VT	406.25	406.26	50		1.00	py	1	Off-white, translucent, crystalline quartz veinlet. Blebs of pyrite.	
VT	410.28	410.29	20		1.00			Black to gray,massive quartz veinlet.	
VT	412.33	413.98	70		2.00			Milky, crustiform/stringy quartz veinlet	
VT	416.20	416.50	20		1.00	py	2	Smoky quartz veinlet breaking away with a dendritic texture. Fine grained, disseminated pyrite.	
VN	417.24	417.26	75		1.00	as	1	Stringy, off-white to milky quartz vein with blebby arsenopyrite, disseminated pyrite.	
						py	1		
								EOH at 418.19m	

KLAZA

Hole: DDH-KL-12-91 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
*	*	*	*	*	*	*	*	*	*	*			Calibration: 2kg wt. = 2001.6g; 1kg wt. = 1000.8g
71.48	11.7	5.2	622.9	387	GRD	NE	HEM	5I			2.506894	2.640526	Intensely hematite-altered argillic with hematite stained quartz veinlets
							ARG	3I					
79.94	10.3	5.2	563.9	357	GRD	MG	SIL	5I			2.577913	2.725471	Intensely silicified phyllic altered granodiorite, small quartz veinlet
							PHC	3I					
111.63	9.8	5.2	551.6	353.2	GRD	MG	SIL	5I	se	1	2.65034	2.780242	Intensely silicified phyllic, no sulphides
							PHC	4I					
121.64	10	5.2	524.2	320.4	GRD	MG	ARG	4I			2.468314	2.57213	Moderate to strong argillic with weak to moderate potassic alteration, weak to moderate silicification. No sulfides.
							POT	2I					
							SIL	2I					
174.49	9.9	5.2	543.2	342.4	GRD	MG	PHC	4I			2.583616	2.705179	Strong phyllic, intensely silicified. Dendritic chlorite stringers/quartz veinlet.
							SIL	5I					
185.06	9.8	5.2	528.5	330.4	GRD	MG	SIL	5I			2.539349	2.667845	Intensely silicified propylitic with strong hematization overprint due to densely netted, hematite stained quartz stringers.
							PRO	3I					
							HEM	4I					
229.36	9.6	5.2	510.1	319.4	GRD	MG	PHC	5I			2.502001	2.674882	Intensely silicified phyllic near a quartz vein
							SIL	5I					
236.56	9.6	5.2	505.1	316.7	GRD	MG	HEM	5I	py	1	2.477477	2.680998	Solid red hematized patch with a pyrite bearing quartz vein
250.3	9.7	5.2	507.6	314.9	GRD	MG	SIL	5I			2.464072	2.634146	Silica super saturated (possibly phyllic??) - silicification obliterates any previous alteration or texture. Dendritic hematite-stained quartz veinlets/stringers.
							HEM	4I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
275.92	9.6	5.2	514.3	322.1	GRD	MG	PRO	3I			2.522602	2.675858	Moderate to strong propylitic alteration with trace potassic overprint
							POT	1I					
294.35	10.1	5.2	542.2	342.7	GRD	MG	PHC	5I			2.527793	2.717794	Intense phyllic with strong silicification, near vein zone.
							SIL	4I					
305.35	9.9	5.2	535	337.4	GRD	MG					2.544615	2.70749	Unaltered granodiorite
307.83	9.7	5.2	476	282.1	GRD	MG	ARG	4I			2.310674	2.454874	Advanced argillic with moderate potassic overprint
							POT	3I					
341.86	9.7	5.2	503.1	313.4	FEL	PO	CLY	3I			2.442227	2.652082	Moderately clay altered felsic dyke, tan and porphyritic
342.14	9.7	5.2	508.4	317.5	FEL	PO	CLY	3I			2.467955	2.663174	Moderately clay altered felsic dyke, tan and porphyritic
353.65	8.6	5.2	459.6	290.2	GRD	MG	PHC	4I			2.516431	2.713105	Strong phyllic granodiorite
388.84	9.1	5.2	488.2	308.9	GRD	MG	PHC	4I			2.526154	2.722811	Strong phyllic granodiorite
397.88	9.6	5.2	516.8	325.9	GRD	MG					2.534864	2.707177	Unaltered granodiorite
*	*	*	*	*	*	*	*	*					Calibration: 2kg wt. = 2001.4g, 1kg wt. = 1000.7g
													EOH @ 418.19m

KLAZA

Hole: DDH-KL-12-91 **Date:** July 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
14.33	17.37	3.04	1.02	33.6	N810692	4				Rubbly
					N810693	4				STANDARD 1
17.37	20.42	3.05	1.70	55.7	N810694	4				
20.42	23.47	3.05	1.99	65.2	N810695	4				
23.47	26.52	3.05	2.50	82	N810696	4				
26.52	29.57	3.05	2.14	70.2	N810697	4				
29.57	32.61	3.04	2.43	79.9	N810698	4				
32.61	35.66	3.05	2.14	70.2	N810699	4				
35.66	38.71	3.05	2.33	76.4	N810700	1				
					N810701	1				STANDARD 1
38.71	41.76	3.05	2.42	79.3	N810702	1				
41.76	44.81	3.05	2.04	66.9	N810703	1				
44.81	47.85	3.04	1.55	51	N810704	1				
47.85	50.22	2.37	2.37	100	N810705	1				
50.22	51.36	1.14	1.13	99.1	N810706	1				
51.36	52.37	1.01	1.01	100	N810707	1				
					N810708	1				BLANK
52.37	53.95	1.58	0.77	48.7	N810709	1				
					N810710	1				1/4 DUPLICATE
53.95	57.00	3.05	2.86	93.8	N810711	1				
57.00	60.05	3.05	2.48	81.3	N810712	1				
60.05	63.09	3.04	2.53	83.2	N810713	1				
63.09	66.14	3.05	1.85	60.7	N810714	1				
66.14	69.19	3.05	2.05	67.2	N810715	1				
69.19	72.24	3.05	2.85	93.4	N810716	1				
72.24	75.29	3.05	2.34	76.7	N810717	1				
75.29	78.33	3.04	2.46	80.9	N810718	1				
					N810719	1				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
78.33	81.38	3.05	2.79	91.5	N810720	1				
					N810721	1				STANDARD 1
81.38	84.43	3.05	2.74	89.8	N810722	1				
84.43	87.48	3.05	3.04	99.7	N810723	1				
87.48	90.53	3.05	2.81	92.1	N810724	1				
90.53	93.57	3.04	2.58	84.9	N810725	1				
93.57	95.13	1.56	1.56	100	N810726	1				
95.13	96.28	1.15	1.13	98.3	N810727	1				
96.28	98.02	1.74	1.60	92	N810728	1				
					N810729	1				BLANK
98.02	99.07	1.05	1.05	100	N810730	1				
99.07	100.85	1.78	1.51	84.8	N810731	1				
100.85	103.70	2.85	2.75	96.5	N810732	1				
103.70	104.84	1.14	1.14	100	N810733	1				
104.84	107.85	3.01	2.13	70.8	N810734	1				
107.85	108.38	0.53	1.03	194	N810735	1				
					N810736	2				STANDARD 2
108.38	111.27	2.89	2.65	91.7	N810737	2				
111.27	113.97	2.70	2.50	92.6	N810738	2				
113.97	115.24	1.27	1.06	83.5	N810739	2				
115.24	117.95	2.71	2.53	93.4	N810740	2				
117.95	121.01	3.06	2.89	94.4	N810741	2				
121.01	122.16	1.15	1.15	100	N810742	2				
					N810743	2				1/4 DUPLICATE
122.16	124.05	1.89	1.72	91	N810744	2				
124.05	127.10	3.05	2.85	93.5	N810745	2				
127.10	128.53	1.43	1.43	100	N810746	2				
128.53	130.15	1.62	1.31	80.9	N810747	2				
130.15	133.20	3.05	2.30	75.4	N810748	2				
					N810749	2				COARSE REJECT DUPLICATE
133.20	136.24	3.04	2.86	94.1	N810750	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
136.24	139.29	3.05	2.93	96.1	N810751	2				
139.29	142.34	3.05	2.95	96.7	N810752	2				
142.34	145.39	3.05	2.90	95.1	N810753	2				
145.39	148.44	3.05	2.80	91.8	N810754	2				
					N810755	2				STANDARD 1
148.44	151.49	3.05	2.99	98	N810756	2				
151.49	154.53	3.04	2.78	91.4	N810757	2				
154.53	157.58	3.05	2.91	95.4	N810758	2				
157.58	159.93	2.35	2.35	100	N810759	2				
159.93	161.53	1.60	1.49	93.1	N810760	2				
161.53	163.68	2.15	2.15	100	N810761	2				
163.68	166.13	2.45	2.45	100	N810762	2				
166.13	167.26	1.13	1.01	89.4	N810763	2				
					N810764	2				BLANK
167.26	168.94	1.68	1.68	100	N810765	2				
168.94	170.90	1.96	1.88	95.9	N810766	2				
					N810767	2				BLANK
170.90	172.32	1.42	1.42	100	N810768	2				
172.32	175.32	3.00	2.81	93.7	N810769	2				
175.32	177.51	2.19	2.18	99.5	N810770	2				
177.51	179.42	1.91	1.78	93.2	N810771	2				
179.42	181.97	2.55	2.33	91.4	N810772	3				
181.97	185.01	3.04	2.92	96.1	N810773	3				
185.01	188.06	3.05	2.87	94.1	N810774	3				
188.06	191.11	3.05	2.85	93.4	N810775	3				
					N810776	3				STANDARD 2
191.11	193.74	2.63	2.63	100	N810777	3				
193.74	194.97	1.23	1.02	82.9	N810778	3				
194.97	196.11	1.14	1.14	100	N810779	3				
					N810780	3				BLANK
196.11	197.21	1.10	1.03	93.6	N810781	3				
197.21	200.25	3.04	2.93	96.4	N810782	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
200.25	203.30	3.05	2.92	95.7	N810783	3				
203.30	204.67	1.37	1.37	100	N810784	3				
					N810785	3				1/4 DUPLICATE
204.67	206.35	1.68	1.57	93.5	N810786	3				
206.35	209.40	3.05	2.91	95.4	N810787	3				
209.40	210.59	1.19	1.19	100	N810788	3				
					N810789	3				BLANK
210.59	212.45	1.86	1.62	87.1	N810790	3				
212.45	215.49	3.04	2.81	92.4	N810791	3				
215.49	218.54	3.05	2.47	81	N810792	3				
					N810793	3				STANDARD 3
218.54	221.59	3.05	2.82	92.5	N810794	3				
221.59	224.60	3.01	3.01	100	N810795	3				
224.60	226.36	1.76	1.76	100	N810796	3				
226.36	227.69	1.33	1.16	87.2	N810797	3				
227.69	229.53	1.84	1.84	100	N810798	3				
229.53	231.11	1.58	1.58	100	N810799	3				
231.11	234.04	2.93	2.93	100	N810800	3				
234.04	236.83	2.79	2.59	92.8	N810801	3				
236.83	239.53	2.70	2.70	100	N810802	3				
239.53	241.60	2.07	2.07	100	N810803	3				
241.60	243.74	2.14	1.40	65.4	N810804	3				
243.74	245.42	1.68	1.68	100	N810805	3				
					N810806	3				COARSE REJECT DUPLICATE
245.42	247.97	2.55	2.55	100	N810807	3				
					N810808	4				STANDARD 2
247.97	250.00	2.03	1.91	94.1	N810809	4				
250.00	252.21	2.21	2.21	100	N810810	4				
252.21	253.63	1.42	1.42	100	N810811	4				
253.63	254.64	1.01	1.01	100	N810812	4				
					N810813	4				BLANK
254.64	256.69	2.05	1.78	86.8	N810814	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
256.69	258.12	1.43	1.43	100	N810815	4				
258.12	260.16	2.04	2.04	100	N810816	4				
260.16	261.22	1.06	1.06	100	N810817	4				
261.22	262.63	1.41	1.40	99.3	N810818	4				
					N810819	4				1/4 DUPLICATE
262.63	265.13	2.50	2.50	100	N810820	4				
265.13	266.63	1.50	1.50	100	N810821	4				
266.63	269.36	2.73	2.42	88.6	N810822	4				
269.36	270.40	1.04	1.04	100	N810823	4				
270.40	272.77	2.37	2.37	100	N810824	4				
272.77	274.57	1.80	1.80	100	N810825	4				
274.57	276.51	1.94	1.94	100	N810826	4				
276.51	279.50	2.99	2.39	79.9	N810827	4				
					N810828	4				COARSE REJECT DUPLICATE
279.50	281.57	2.07	2.07	100	N810829	4				
281.57	284.44	2.87	2.87	100	N810830	4				
					N810831	4				STANDARD 1
284.44	286.66	2.22	1.65	74.3	N810832	4				
286.66	287.88	1.22	1.22	100	N810833	4				
287.88	288.93	1.05	1.05	100	N810834	4				
288.93	291.69	2.76	1.76	63.8	N810835	4				
291.69	294.01	2.32	2.32	100	N810836	4				
294.01	295.13	1.12	1.12	100	N810837	4				
295.13	296.50	1.37	1.28	93.4	N810838	4				
					N810839	4				BLANK
296.50	297.79	1.29	1.25	96.9	N810840	4				
297.79	298.79	1.00	1.00	100	N810841	4				
298.79	301.78	2.99	2.99	100	N810842	4				
301.78	302.91	1.13	1.13	100	N810843	4				
					N810844	5				STANDARD 1
302.91	304.21	1.30	1.30	100	N810845	5				
304.21	305.41	1.20	1.20	100	N810846	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
305.41	307.45	2.04	2.04	100	N810847	5				
307.45	309.16	1.71	1.71	100	N810848	5				
309.16	310.42	1.26	1.21	96	N810849	5				
310.42	311.56	1.14	1.14	100	N810850	5				
311.56	312.98	1.42	1.42	100	N812301	5				
312.98	315.00	2.02	1.76	87.1	N812302	5				
					N812303	5				COARSE REJECT DUPLICATE
315.00	317.20	2.20	2.19	99.5	N812304	5				
317.20	318.92	1.72	1.72	100	N812305	5				
318.92	320.56	1.64	1.64	100	N812306	5				
					N812307	5				STANDARD 1
320.56	322.14	1.58	1.58	100	N812308	5				
322.14	324.21	2.07	2.05	99	N812309	5				
324.21	326.26	2.05	2.05	100	N812310	5				
326.26	327.79	1.53	1.35	88.2	N812311	5				
327.79	328.98	1.19	1.19	100	N812312	5				
328.98	331.71	2.73	2.73	100	N812313	5				
331.71	333.89	2.18	1.91	87.6	N812314	5				
333.89	336.13	2.24	1.91	85.3	N812315	5				
					N812316	5				BLANK
336.13	337.17	1.04	1.03	99	N812317	5				
337.17	338.61	1.44	1.42	98.6	N812318	5				
338.61	340.46	1.85	1.78	96.2	N812319	5				
					N812320	5				1/4 DUPLICATE
340.46	343.20	2.74	2.74	100	N812321	5				
343.20	344.72	1.52	1.36	89.5	N812322	5				
					N812323	5				BLANK
344.72	346.03	1.31	1.05	80.2	N812324	5				
346.03	347.58	1.55	1.52	98.1	N812325	5				
347.58	349.61	2.03	1.94	95.6	N812326	5				
349.61	352.31	2.70	2.62	97	N812327	5				
352.31	353.39	1.08	1.08	100	N812328	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
353.39	354.62	1.23	1.23	100	N812329	5				
					N812330	6				STANDARD 1
354.62	357.67	3.05	3.04	99.7	N812331	6				
357.67	359.05	1.38	1.22	88.4	N812332	6				
359.05	360.08	1.03	1.03	100	N812333	6				
					N812334	6				1/4 DUPLICATE
360.08	361.78	1.70	1.53	90	N812335	6				
361.78	363.72	1.94	1.59	82	N812336	6				
363.72	364.95	1.23	1.13	91.9	N812337	6				
364.95	366.57	1.62	1.62	100	N812338	6				
366.57	368.76	2.19	1.98	90.4	N812339	6				
368.76	371.27	2.51	2.30	91.6	N812340	6				
371.27	373.22	1.95	1.59	81.5	N812341	6				
					N812342	6				BLANK
373.22	374.56	1.34	1.27	94.8	N812343	6				
					N812344	6				COARSE REJECT DUPLICATE
374.56	376.59	2.03	1.83	90.1	N812345	6				
376.59	377.64	1.05	1.03	98.1	N812346	6				
377.64	380.09	2.45	2.40	98	N812347	6				
380.09	383.13	3.04	3.04	100	N812348	6				
					N812349	6				BLANK
383.13	384.90	1.77	1.77	100	N812350	6				
					N812351	6				STANDARD 2
384.90	386.00	1.10	1.10	100	N812352	6				
386.00	388.73	2.73	2.73	100	N812353	6				
388.73	389.86	1.13	1.12	99.1	N812354	6				
389.86	392.28	2.42	2.27	93.8	N812355	6				
392.28	394.35	2.07	2.07	100	N812356	6				
394.35	395.80	1.45	1.39	95.9	N812357	6				
395.80	396.88	1.08	1.08	100	N812358	6				
396.88	398.67	1.79	1.77	98.9	N812359	6				
398.67	399.72	1.05	1.05	100	N812360	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
399.72	402.72	3.00	2.89	96.3	N812361	6				
402.72	403.86	1.14	1.14	100	N812362	6				
403.86	404.87	1.01	1.01	100	N812363	6				
404.87	405.91	1.04	1.04	100	N812364	6				
405.91	407.52	1.61	1.45	90.1	N812365	6				
407.52	410.57	3.05	3.05	100	N812366	7				
410.57	413.61	3.04	2.84	93.4	N812367	7				
413.61	416.04	2.43	2.43	100	N812368	7				
416.04	417.79	1.75	1.72	98.3	N812369	7				
										EOH @ 418.19m

KLAZA

Hole: DDH-KL-12-91 **Tech Name: Sezgin Yulsel** **Date: July 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	7.62	7.62	2.41	32	0.10	1		1	1S	4W	
7.62	11.28	3.66	0.43	12	0.16	4		1	1S	4W	
11.28	14.33	3.05	1.76	58	0.27	9		1	1S	4W	
14.33	17.37	3.04	1.20	39	0.15	5		1	1S	4W	
17.37	20.42	3.05	1.75	57	0.85	28		1	1S	4W	
20.42	23.47	3.05	1.92	63	0.64	21		1	3S	4W	
23.47	26.52	3.05	2.60	85	1.00	33		2	2S	3W	
26.52	29.57	3.05	2.40	79	0.62	20		1	2S	4W	
29.57	32.61	3.04	2.65	87	0.55	18		1	2S	4W	
32.61	35.66	3.05	2.55	84	0.00	0		2	2S	3W	
35.66	38.71	3.05	2.54	83	0.44	14		2	3S	2W	
38.71	41.76	3.05	2.57	84	0.27	9		2	1S	2W	
41.76	44.81	3.05	2.10	69	0.00	0		2	2S	1W	
44.81	47.85	3.04	1.80	59	0.00	0		2	3S	1W	
47.85	50.90	3.05	3.02	99	1.00	33		2	2S	1W	
50.90	53.95	3.05	2.30	75	0.89	29		2	1S	1W	
53.95	57.00	3.05	2.92	96	0.82	27		2	2S	1W	
57.00	60.05	3.05	2.62	86	0.65	21		2	4S	1W	
60.05	63.09	3.04	2.50	82	0.30	10		2	4S	1W	
63.09	66.14	3.05	1.85	61	0.45	15		2	3S	2W	
66.14	69.19	3.05	2.30	75	0.37	12		2	1S	1W	
69.19	72.24	3.05	3.05	100	0.50	16		2	4S	1W	
72.24	75.29	3.05	2.30	75	0.00	0		2	4S	1W	
75.29	78.33	3.04	2.70	89	0.20	7		2	4S	1W	
78.33	81.33	3.00	2.78	93	1.36	45		1	2S	1W	
81.33	84.43	3.10	2.70	87	1.26	41		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
84.43	87.48	3.05	3.00	98	1.43	47		2	4S	1W	
87.48	90.53	3.05	2.79	91	1.66	54		2	4S	1W	
90.53	93.57	3.04	2.35	77	1.19	39		2	3S	1W	
93.57	96.62	3.05	3.00	98	0.40	13		2	2S	1W	
96.62	99.67	3.05	2.80	92	0.90	30		1	2S	1W	
99.67	102.72	3.05	2.96	97	1.70	56		1	0S	1W	
102.72	105.77	3.05	2.75	90	0.50	16		1	0S	1W	
105.77	108.81	3.04	2.72	89	1.15	38		2	3S	1W	
108.81	111.86	3.05	2.98	98	1.26	41		2	3S	1W	
111.86	114.91	3.05	2.88	94	1.45	48		2	3S	1W	
114.91	117.95	3.04	2.96	97	1.62	53		2	3S	1W	
117.95	121.01	3.06	3.05	100	1.40	46		2	3S	1W	
121.01	124.05	3.04	2.98	98	1.47	48		2	3S	1W	
124.05	127.10	3.05	2.90	95	1.05	34		2	0S	1W	
127.10	130.15	3.05	2.95	97	0.40	13		2	0S	1W	
130.15	133.20	3.05	2.80	92	0.26	9		2	0S	1W	
133.20	136.24	3.04	3.00	99	0.55	18		2	1S	1W	
136.24	139.29	3.05	3.00	98	1.40	46		2	3S	1W	
139.29	142.34	3.05	2.92	96	0.95	31		2	0S	1W	
142.34	145.39	3.05	3.05	100	0.53	17		2	1S	1W	
145.39	148.44	3.05	2.97	97	0.80	26		2	2S	1W	
148.44	151.49	3.05	2.94	96	0.80	26		2	3S	1W	
151.49	154.53	3.04	2.78	91	0.75	25		2	3S	1W	
154.53	157.58	3.05	2.96	97	0.80	26		2	3S	1W	
157.58	160.63	3.05	3.05	100	0.65	21		2	3S	1W	
160.63	163.68	3.05	2.97	97	1.65	54		2	0S	1W	
163.68	166.73	3.05	2.88	94	2.15	70		2	0S	1W	
166.73	169.77	3.04	2.92	96	1.50	49		2	1S	1W	
169.77	172.82	3.05	3.02	99	0.75	25		2	1S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	2.97	97	7.78	255		2	3S	1W	
175.87	178.92	3.05	2.94	96	0.60	20		2	3S	1W	
178.92	181.97	3.05	2.95	97	1.10	36		2	3S	1W	
181.97	185.01	3.04	2.92	96	1.30	43		2	3S	1W	
185.01	188.06	3.05	3.05	100	0.85	28		2	3S	1W	
188.06	191.11	3.05	2.88	94	0.82	27		2	3S	1W	
191.11	194.60	3.49	3.00	86	1.44	41		2	3S	1W	
194.60	197.21	2.61	2.93	112	1.20	46		2	1S	1W	
197.21	200.25	3.04	2.94	97	1.55	51		2	3S	1W	
200.25	203.30	3.05	2.95	97	1.23	40		2	3S	1W	
203.30	206.35	3.05	2.96	97	1.83	60		2	3S	1W	
206.35	209.40	3.05	2.91	95	0.78	26		2	1S	1W	
209.40	212.45	3.05	2.80	92	0.88	29		2	3S	1W	
212.45	215.49	3.04	2.96	97	0.70	23		2	3S	3W	
215.49	218.54	3.05	2.70	89	0.71	23		2	2S	3W	
218.54	221.59	3.05	3.05	100	1.05	34		1	1S	4W	
221.59	224.63	3.04	3.04	100	2.24	74		2	3S	2W	
224.63	227.69	3.06	3.05	100	1.33	43		2	3S	3W	
227.69	230.73	3.04	3.04	100	1.77	58		2	3S	3W	
230.73	236.83	6.10	5.76	94	3.04	50		2	3S	3W	
236.83	242.93	6.10	5.64	92	2.92	48		2	3S	2W	
242.93	249.02	6.09	6.09	100	1.88	31		2	3S	2W	
249.02	255.12	6.10	6.10	100	3.58	59		2	2S	3W	
255.12	261.21	6.09	6.10	100	2.15	35		2	1S	3W	
261.21	268.22	7.01	5.55	79	2.25	32		2	2S	1W	
268.22	273.41	5.19	5.51	106	3.55	68		2	3S	1W	
273.41	279.50	6.09	5.66	93	3.19	52		1	0S	1W	
279.50	285.60	6.10	5.48	90	4.23	69		2	1S	1W	
285.60	291.69	6.09	5.19	85	3.01	49		2	3S	1W	
291.69	297.79	6.10	6.02	99	3.83	63		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
297.79	303.89	6.10	6.08	100	3.78	62		1	4S	1W	
303.89	309.98	6.09	5.67	93	3.49	57		2	3S	1W	
309.98	316.08	6.10	5.90	97	4.00	66		2	2S	1W	
316.08	322.17	6.09	5.96	98	4.14	68		2	2S	1W	
322.17	328.27	6.10	5.92	97	3.02	50		2	2S	1W	
328.27	334.37	6.10	5.73	94	3.98	65		2	3S	1W	
334.37	337.41	3.04	2.72	89	1.62	53		2	2S	1W	
337.41	340.46	3.05	2.90	95	1.34	44		2	3S	1W	
340.46	343.51	3.05	2.86	94	1.94	64		2	3S	1W	
343.51	346.56	3.05	2.89	95	0.84	28		1	2S	1W	
346.56	349.61	3.05	3.02	99	2.44	80		2	3S	1W	
349.61	352.65	3.04	2.98	98	2.48	82		2	3S	1W	
352.65	355.70	3.05	2.91	95	1.99	65		1	2S	1W	
355.70	358.75	3.05	3.01	99	1.97	65		1	3S	1W	
358.75	361.80	3.05	3.05	100	1.40	46		2	3S	1W	
361.80	364.85	3.05	2.96	97	0.42	14		1	2S	1W	
364.85	367.89	3.04	2.84	93	1.76	58		2	4S	1W	
367.89	370.94	3.05	2.77	91	1.07	35		1	2S	1W	
370.94	373.99	3.05	2.82	92	0.60	20		1	2S	1W	
373.99	377.04	3.05	2.85	93	1.24	41		1	3S	1W	
377.04	380.09	3.05	3.05	100	1.11	36		1	2S	3W	
380.09	383.13	3.04	3.04	100	2.40	79		1	2S	3W	
383.13	386.18	3.05	3.05	100	1.93	63		2	3S	2W	
386.18	389.23	3.05	3.05	100	2.25	74		2	3S	1W	
389.23	392.28	3.05	2.96	97	1.92	63		2	3S	1W	
392.28	395.33	3.05	3.05	100	1.70	56		2	3S	1W	
395.33	398.37	3.04	3.04	100	2.39	79		2	3S	2W	
398.37	401.42	3.05	3.00	98	2.23	73		2	3S	2W	
401.42	404.47	3.05	3.05	100	1.75	57		2	4S	2W	
404.47	407.52	3.05	3.00	98	1.68	55		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
407.52	410.57	3.05	3.05	100	1.73	57		2	3S	2W	
410.57	413.61	3.04	3.04	100	1.75	58		2	3S	2W	
413.61	416.66	3.05	3.05	100	2.50	82		2	3S	1W	
416.66	418.19	1.53	2.02	132	0.85	56		2	3S	2W	
											EOH

KLAZA

Hole: DDH-KL-12-91 **Tech Name:** SEZGIN YULSEL **Date:** JUL 24,2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	7.62	7.62	85.00	0.06	0.00	1.00	2R	3W	
7.62	11.28	3.66	-	-	-	-	-	-	Rubbly
11.28	14.33	3.05	-	-	-	-	-	-	Rubbly
14.33	17.37	3.04	-	-	-	-	-	-	Rubbly
17.37	20.42	3.05	80.00	0.22	0.00	1.00	3R	3W	
20.42	23.47	3.05	65.00	0.10	0.00	1.00	3R	3W	
23.47	26.52	3.05	60.00	0.30	0.00	1.00	2R	3W	
26.52	29.57	3.05	-	-	-	-	-	-	Broken pieces of rock
29.57	32.61	3.04	-	-	-	-	-	-	Rubble of rock
32.61	35.66	3.05	-	-	-	-	-	-	Rubbly
35.66	38.71	3.05	-	-	-	-	-	-	Rubbly
38.71	41.76	3.05	72.00	0.03	0.00	1.00	2R	1W	
41.76	44.81	3.05	-	-	-	-	-	-	Broken pieces
44.81	47.85	3.04	-	-	-	-	-	-	Broken pieces
47.85	50.90	3.05	62.00	0.04	0.00	1.00	2R	1W	
50.90	53.95	3.05	-	-	-	-	-	-	
53.95	57.00	3.05	-	-	-	-	-	-	
57.00	60.05	3.05	45.00	1.05	0.00	1.00	2R	1W	
60.05	63.09	3.04	-	-	-	-	-	-	
63.09	66.14	3.05	80.00	0.03	0.00	1.00	2R	1W	
66.14	69.19	3.05	-	-	-	-	-	-	
69.19	72.24	3.05	60.00	0.20	0.00	1.00	2R	1W	
72.24	75.29	3.05	-	-	-	-	-	-	Broken
75.29	78.33	3.04	-	-	-	-	-	-	
78.33	81.33	3.00	65.00	0.20	0.00	1.00	2R	1W	
81.33	84.43	3.10	75.00	0.07	0.00	1.00	2R	1W	
84.43	87.48	3.05	68.00	0.22	0.00	1.00	2R	1W	
87.48	90.53	3.05	60.00	2.20	0.00	1.00	3R	1W	
90.53	93.57	3.04	50.00	1.82	0.00	1.00	2R	1W	
93.57	96.62	3.05	-	-	-	-	-	-	Soft, rubbly
96.62	99.67	3.05	35.00	0.11	0.00	1.00	2R	1W	
99.67	102.72	3.05	60.00	0.88	0.00	1.00	2R	1W	
102.72	105.77	3.05	-	-	-	-	-	-	soft, broken

KLAZA

105.77	108.81	3.04	70.00	0.30	0.00	1.00	3R	1W	
108.81	111.86	3.05	55.00	0.60	0.00	1.00	2R	1W	
111.86	114.91	3.05	45.00	0.90	0.00	1.00	2R	1W	
114.91	117.95	3.04	40.00	0.35	0.00	1.00	2R	1W	
117.95	121.01	3.06	55.00	1.25	0.00	1.00	2R	1W	
121.01	124.05	3.04	45.00	2.20	0.00	1.00	2R	1W	
124.05	127.10	3.05	65.00	0.20	0.00	1.00	2R	1W	
127.10	130.15	3.05	75.00	2.20	0.00	1.00	2R	1W	
130.15	133.20	3.05	60.00	0.75	0.00	1.00	3R	1W	
133.20	136.24	3.04	-	-	-	-	-	-	
136.24	139.29	3.05	68.00	0.30	0.00	1.00	2R	1W	
139.29	142.34	3.05	70.00	1.60	0.00	1.00	2R	1W	
142.34	145.39	3.05	60.00	0.06	0.00	1.00	2R	1W	
145.39	148.44	3.05	50.00	0.06	0.00	1.00	2R	1W	
148.44	151.49	3.05	55.00	0.11	0.00	1.00	2R	1W	
		0.00	70.00	0.22	0.00	1.00	2R	1W	
151.49	154.53	3.04	75.00	0.06	0.00	1.00	2R	1W	
154.53	157.58	3.05	-	-	-	-	-	-	
157.58	160.63	3.05	45.00	0.47	0.00	1.00	2R	1W	
		0.00	60.00	0.55	0.00	1.00	2R	1W	
160.63	163.68	3.05	50.00	0.05	0.00	1.00	3R	1W	
163.68	166.73	3.05	-	-	-	-	-	-	
166.73	169.77	3.04	60.00	0.26	0.00	1.00	2R	1W	
169.77	172.82	3.05	700.00	0.13	0.00	1.00	2R	1W	
172.82	175.87	3.05	50.00	0.82	0.00	2.00	3R	1W	
175.87	178.92	3.05	55.00	0.29	0.00	2.00	2R	1W	
178.92	181.97	3.05	55.00	0.30	0.00	1.00	2R	1W	
181.97	185.01	3.04	60.00	0.20	0.00	1.00	2R	1W	
		0.00	50.00	0.75	0.00	1.00	2R	1W	
185.01	188.06	3.05	60.00	0.06	0.00	2.00	2R	1W	
188.06	191.11	3.05	77.00	0.56	0.00	1.00	2R	1W	
191.11	194.60	3.49	67.00	0.08	0.00	1.00	3R	1W	
194.60	197.21	2.61	70.00	0.09	0.00	1.00	2R	1W	
197.21	200.25	3.04	45.00	0.66	0.00	1.00	3R	1W	
200.25	203.30	3.05	60.00	0.18	0.00	1.00	2R	1W	
203.30	206.35	3.05	60.00	0.30	0.00	1.00	2R	1W	
206.35	209.40	3.05	60.00	0.25	0.00	1.00	2R	1W	
209.40	212.45	3.05	80.00	0.21	0.00	1.00	2R	1W	
212.45	215.49	3.04	50.00	0.15	0.00	2.00	3R	3W	
215.49	218.54	3.05	-	-	-	-	-	-	
218.54	221.59	3.05	60.00	0.20	0.00	2.00	3R	2W	
221.59	224.63	3.04	50.00	0.30	0.00	2.00	3R	2W	
224.63	227.69	3.06	-	-	-	-	-	-	

KLAZA

227.69	230.73	3.04	45.00	0.90	2.00	2.00	3R	3W	
230.73	236.83	6.10	45.00	0.10	0.00	2.00	3R	3W	
236.83	242.93	6.10	60.00	0.75	0.00	2.00	2R	2W	
242.93	249.02	6.09	50.00	0.60	0.00	2.00	3R	2W	
249.02	255.12	6.10	40.00	0.20	3.00	2.00	3R	2W	
255.12	261.21	6.09	50.00	0.15	3.00	2.00	3R	3W	
261.21	268.22	7.01	-	-	-	-	-	-	
268.22	273.41	5.19	65.00	0.50	1.00	2.00	2R	1W	
		0.00	50.00	0.30	1.00	2.00	2R	1W	
273.41	279.50	6.09	45.00	0.40	0.00	2.00	2R	1W	
279.50	285.60	6.10	50.00	0.15	0.00	2.00	3R	1W	
285.60	291.69	6.09	60.00	0.20	0.00	2.00	2R	1W	
		0.00	45.00	0.40	0.00	2.00	3R	1W	
291.69	297.79	6.10	60.00	0.05	0.00	2.00	3R	1W	
297.79	303.89	6.10	50.00	0.38	0.00	2.00	3R	1W	
303.89	309.98	6.09	60.00	0.19	0.00	2.00	1R	1W	
		0.00	40.00	0.13	0.00	2.00	1R	1W	
309.98	316.08	6.10	-	-	-	-	-	-	
316.08	322.17	6.09	60.00	0.55	0.00	2.00	2R	1W	
		0.00	70.00	0.09	0.00	2.00	3R	1W	
322.17	328.27	6.10	70.00	0.50	0.00	2.00	2R	1W	
		0.00	50.00	0.68	0.00	2.00	2R	1W	
328.27	334.37	6.10	50.00	1.57	0.00	2.00	2R	1W	
		0.00	60.00	1.07	0.00	2.00	2R	1W	
334.37	337.41	3.04	60.00	0.35	0.00	2.00	2R	1W	
		0.00	70.00	0.16	0.00	2.00	2R	1W	
337.41	340.46	3.05	60.00	0.15	1.00	2.00	2R	1W	
		0.00	65.00	0.13	0.00	2.00	1R	1W	
340.46	343.51	3.05	40.00	0.17	0.00	2.00	2R	1W	
		0.00	70.00	0.07	0.00	2.00	3R	1W	
343.51	346.56	3.05	60.00	0.22	0.00	2.00	2R	1W	
346.56	349.61	3.05	-	-	-	-	-	-	
349.61	352.65	3.04	40.00	0.57	0.00	2.00	2R	1W	
352.65	355.70	3.05	50.00	0.51	0.00	2.00	2R	1W	
355.70	358.75	3.05	50.00	0.31	0.00	2.00	2R	1W	
		0.00	60.00	0.04	0.00	2.00	2R	1W	
358.75	361.80	3.05	50.00	0.07	0.00	2.00	2R	1W	
361.80	364.85	3.05	-	-	-	-	-	-	
361.80	367.89	6.09	60.00	0.20	0.00	2.00	2R	1W	
		0.00	50.00	0.13	0.00	2.00	2R	1W	
367.89	370.94	3.05	40.00	0.24	0.00	2.00	2R	1W	
367.89	373.99	6.10	50.00	0.21	0.00	2.00	2R	1W	Very competent
373.99	377.04	3.05	70.00	0.08	0.00	2.00	2R	1W	

KLAZA

373.99	380.09	6.10	45.00	0.15	3.00	2.00	3R	3W	
380.09	383.13	3.04	-	-	-	-	-	-	
380.09	386.18	6.09	30.00	0.25	0.00	1.00	3R	2W	
386.18	389.23	3.05	-	-	-	-	-	-	Very competent
386.18	392.28	6.10	20.00	0.15	0.00	1.00	2R	2W	Very competent
389.23	395.33	6.10	-	-	-	-	-	-	
395.33	398.37	3.04	-	-	-	-	-	-	
395.33	401.42	6.09	-	-	-	-	-	-	
398.37	404.47	6.10	-	-	-	-	-	-	
404.47	407.52	3.05	65.00	0.70	2.00	2.00	3R	2W	
404.47	410.57	6.10	20.00	0.80	3.00	2.00	3R	2W	
407.52	413.61	6.09	-	-	-	-	-	-	
413.61	416.66	3.05	-	-	-	-	-	-	
413.61	418.19	4.58	-	-	-	-	-	-	
									EOH

KLAZA

Hole: DDH-KL-12-91 Date: July 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	Overburden
2.00	n/a	Overburden
3.00	n/a	Overburden
4.00	n/a	Overburden
5.00	n/a	Overburden
6.00	n/a	Overburden
7.00	4.47	
8.00	n/a	Rubble
9.00	n/a	Rubble
10.00	n/a	Rubble
11.00	n/a	Rubble
12.00	n/a	Rubble
13.00	n/a	Rubble
14.00	1.13	
15.00	n/a	Rubble
16.00	n/a	Rubble
17.00	5.01	
18.00	n/a	Rubble
19.00	n/a	Rubble
20.00	2.81	
21.00	n/a	Rubble
22.00	n/a	Rubble
23.00	n/a	Rubble
24.00	11.00	
25.00	n/a	Rubble
26.00	n/a	Rubble
27.00	n/a	Rubble
28.00	2.79	
29.00	0.93	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.44	
31.00	1.44	
32.00	1.81	
33.00	1.22	
34.00	1.59	
35.00	6.75	
36.00	2.89	
37.00	2.45	
38.00	2.63	
39.00	1.92	
40.00	2.20	
41.00	1.33	
42.00	0.78	
43.00	2.36	
44.00	1.62	
45.00	1.92	
46.00	4.11	
47.00	1.31	
48.00	1.40	
49.00	1.44	
50.00	1.88	
51.00	2.30	
52.00	1.79	
53.00	3.00	
54.00	1.81	
55.00	n/a	Rubble
56.00	n/a	Rubble
57.00	1.55	
58.00	2.19	
59.00	2.04	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	3.16	
61.00	3.23	
62.00	1.81	
63.00	2.19	
64.00	1.84	
65.00	1.70	
66.00	2.87	
67.00	1.29	
68.00	2.17	
69.00	1.75	
70.00	3.09	
71.00	2.17	
72.00	2.14	
73.00	1.70	
74.00	0.54	
75.00	1.42	
76.00	1.88	
77.00	1.51	
78.00	1.04	
79.00	1.66	
80.00	1.51	
81.00	1.31	
82.00	1.33	
83.00	1.93	
84.00	1.55	
85.00	1.64	
86.00	2.28	
87.00	0.71	
88.00	1.53	
89.00	0.86	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	1.70	
91.00	1.93	
92.00	1.29	
93.00	1.97	
94.00	1.61	
95.00	2.08	
96.00	1.97	
97.00	0.47	
98.00	5.87	
99.00	3.07	
100.00	2.01	
101.00	3.16	
102.00	4.13	
103.00	3.34	
104.00	1.57	
105.00	1.62	
106.00	4.20	
107.00	2.70	
108.00	0.96	
109.00	2.14	
110.00	2.98	
111.00	0.53	
112.00	2.08	
113.00	2.19	
114.00	2.08	
115.00	3.07	
116.00	3.11	
117.00	3.12	
118.00	4.99	
119.00	3.03	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.92	
121.00	1.93	
122.00	3.40	
123.00	2.52	
124.00	4.84	
125.00	3.00	
126.00	2.70	
127.00	2.41	
128.00	0.78	
129.00	2.41	
130.00	7.24	
131.00	4.33	
132.00	4.13	
133.00	2.12	
134.00	5.39	
135.00	7.61	
136.00	6.16	
137.00	2.83	
138.00	2.48	
139.00	1.04	
140.00	2.81	
141.00	2.72	
142.00	3.00	
143.00	3.85	
144.00	4.09	
145.00	3.49	
146.00	1.20	
147.00	2.59	
148.00	2.06	
149.00	4.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	4.28	
151.00	3.07	
152.00	2.62	
153.00	3.89	
154.00	3.03	
155.00	1.62	
156.00	3.44	
157.00	1.93	
158.00	2.59	
159.00	1.90	
160.00	3.55	
161.00	1.39	
162.00	2.94	
163.00	3.27	
164.00	2.76	
165.00	2.32	
166.00	3.89	
167.00	1.29	
168.00	3.05	
169.00	3.29	
170.00	2.83	
171.00	4.15	
172.00	2.54	
173.00	2.58	
174.00	2.23	
175.00	3.31	
176.00	3.51	
177.00	3.34	
178.00	3.33	
179.00	2.79	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	4.92	
181.00	2.15	
182.00	2.85	
183.00	4.17	
184.00	2.67	
185.00	3.91	
186.00	3.07	
187.00	3.38	
188.00	3.40	
189.00	2.45	
190.00	2.67	
191.00	1.42	
192.00	2.67	
193.00	3.44	
194.00	1.50	
195.00	2.17	
196.00	2.19	
197.00	2.48	
198.00	3.12	
199.00	3.11	
200.00	2.42	
201.00	2.78	
202.00	4.22	
203.00	1.31	
204.00	2.98	
205.00	2.61	
206.00	9.68	
207.00	1.30	
208.00	2.63	
209.00	3.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	2.30	
211.00	3.91	
212.00	4.24	
213.00	4.09	
214.00	1.29	
215.00	2.25	
216.00	12.90	
217.00	1.68	
218.00	0.78	
219.00	0.51	
220.00	0.34	
221.00	0.20	
222.00	0.71	
223.00	0.38	
224.00	0.20	
225.00	0.34	
226.00	0.47	
227.00	0.32	
228.00	0.31	
229.00	0.25	
230.00	0.53	
231.00	0.34	
232.00	0.40	
233.00	0.31	
234.00	0.34	
235.00	0.32	
236.00	0.29	
237.00	0.31	
238.00	0.25	
239.00	0.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.29	
241.00	0.58	
242.00	0.20	
243.00	0.42	
244.00	0.54	
245.00	0.27	
246.00	0.49	
247.00	0.25	
248.00	0.31	
249.00	0.65	
250.00	0.56	
251.00	0.51	
252.00	0.29	
253.00	0.31	
254.00	0.21	
255.00	0.54	
256.00	0.56	
257.00	0.16	
258.00	3.49	
259.00	1.31	
260.00	1.04	
261.00	4.66	
262.00	4.37	
263.00	0.53	
264.00	0.49	
265.00	4.04	
266.00	0.32	
267.00	6.02	
268.00	7.96	
269.00	14.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.62	
271.00	1.06	
272.00	10.70	
273.00	2.54	
274.00	5.36	
275.00	8.01	
276.00	14.10	
277.00	4.57	
278.00	18.00	
279.00	11.10	
280.00	0.53	
281.00	6.62	
282.00	0.75	
283.00	0.54	
284.00	0.32	
285.00	0.82	
286.00	0.27	
287.00	4.55	
288.00	0.40	
289.00	0.51	
290.00	0.45	
291.00	0.51	
292.00	0.69	
293.00	7.77	
294.00	0.86	
295.00	0.31	
296.00	0.36	
297.00	4.11	
298.00	0.23	
299.00	6.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	15.10	
301.00	8.58	
302.00	1.48	
303.00	1.40	
304.00	8.47	
305.00	12.30	
306.00	0.69	
307.00	5.72	
308.00	14.90	
309.00	0.43	
310.00	0.36	
311.00	0.54	
312.00	0.32	
313.00	10.10	
314.00	6.58	
315.00	128.00	
316.00	0.36	
317.00	3.95	
318.00	1.70	
319.00	2.03	
320.00	0.51	
321.00	12.80	
322.00	12.10	
323.00	0.67	
324.00	0.34	
325.00	0.87	
326.00	0.27	
327.00	1.22	
328.00	0.69	
329.00	13.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	2.90	
331.00	12.70	
332.00	8.61	
333.00	4.90	
334.00	0.40	
335.00	0.29	
336.00	0.12	
337.00	0.23	
338.00	0.25	
339.00	0.26	
340.00	0.45	
341.00	0.21	
342.00	0.23	
343.00	0.16	
344.00	0.20	
345.00	0.23	
346.00	0.54	
347.00	0.67	
348.00	0.73	
349.00	0.67	
350.00	0.42	
351.00	0.49	
352.00	0.45	
353.00	0.21	
354.00	0.75	
355.00	1.31	
356.00	11.70	
357.00	3.78	
358.00	0.38	
359.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.21	
361.00	0.38	
362.00	0.18	
363.00	0.20	
364.00	0.36	
365.00	0.27	
366.00	0.31	
367.00	0.32	
368.00	0.40	
369.00	0.14	
370.00	0.27	
371.00	0.29	
372.00	0.31	
373.00	0.23	
374.00	0.36	
375.00	0.80	
376.00	0.36	
377.00	0.27	
378.00	0.34	
379.00	0.64	
380.00	0.64	
381.00	0.23	
382.00	0.25	
383.00	0.43	
384.00	0.25	
385.00	0.25	
386.00	0.49	
387.00	1.46	
388.00	4.57	
389.00	0.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	1.24	
391.00	6.16	
392.00	4.68	
393.00	3.20	
394.00	0.58	
395.00	0.45	
396.00	0.38	
397.00	4.72	
398.00	13.60	
399.00	15.30	
400.00	5.58	
401.00	0.40	
402.00	5.05	
403.00	0.62	
404.00	0.42	
405.00	0.45	
406.00	5.01	
407.00	1.11	
408.00	0.42	
409.00	0.34	
410.00	1.28	
411.00	6.36	
412.00	16.10	
413.00	17.80	
414.00	3.18	
415.00	14.50	
416.00	3.20	
417.00	8.78	
418.00	15.90	EOH

KLAZA

Hole: **DDH-KL-12-91** **Date: July 2012**

Box #	From (m)	To (m)
1	0.00	14.33
2	14.33	23.36
3	23.36	29.57
4	29.57	35.66
5	35.66	41.73
6	41.73	48.46
7	48.46	54.42
8	54.42	60.05
9	60.05	66.52
10	66.52	71.85
11	71.85	76.75
12	76.75	81.83
13	81.83	86.92
14	86.92	93.60
15	93.60	98.40
16	98.40	106.65
17	106.65	109.00
18	109.00	114.70
19	114.70	120.00
20	120.00	125.48
21	125.48	130.62
22	130.62	136.25
23	136.25	141.88
24	141.88	147.26
25	147.26	152.76
26	152.76	158.35
27	158.35	163.92
28	163.92	169.71
29	169.71	175.45

KLAZA

30	175.45	181.02
31	181.02	186.37
32	186.37	192.30
33	192.30	197.85
34	197.85	203.58
35	203.58	209.37
36	209.37	215.15
37	215.15	220.58
38	220.58	226.39
39	226.39	231.08
40	231.08	237.27
41	237.27	243.62
42	243.62	249.59
43	249.59	255.49
44	255.49	260.70
45	260.70	266.16
46	266.16	271.30
47	271.30	277.23
48	277.23	281.82
49	281.82	287.85
50	287.85	294.12
51	294.12	299.60
52	299.60	304.50
53	304.50	310.50
54	310.50	316.32
55	316.32	322.06
56	322.06	327.81
57	327.81	333.71
58	333.71	339.35
59	339.35	344.90
60	344.90	350.41
61	350.41	355.92
62	355.92	361.35
63	361.35	366.50
64	366.50	371.82
65	371.82	377.09
66	377.09	382.77

KLAZA

67	382.77	388.44
68	388.44	394.40
69	394.40	400.16
70	400.16	405.95
71	405.95	411.33
72	411.33	416.66
73	416.66	418.19
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382926.79	6889334.4	1449.892	193.24

SECTION:

HOLE: DDH-KL-12-92

CLAIM: YC37990

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 23-25, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	42.64		GRD	Unaltered, heavily fractured and oxide-stained granodiorite.
42.64	44.87		GRD	Moderate-strong propyllitic granodiorite crosscut by mineralized quartz veins with phyllic envelopes.
44.87	49.07		GRD	Intensely phyllic altered granodiorite with many crosscutting mineralzied veins.
49.07	51.25		GRD	Moderate-strong propyllitic granodiorite crosscut by mineralized quartz veins with phyllic envelopes.
51.25	63.57		GRD	Intensely phyllic altered granodiorite with many crosscutting mineralzied veins.
63.57	80.78		GRD	Moderate-strong propyllitic granodiorite crosscut by mineralized quartz veins with phyllic envelopes.
80.78	84.60		GRD	Unaltered grandiorite, crosscut by occasional quartz veins with phyllic envelopes.
84.60	86.08		SIL	Black siliceous dyke with quartz eyes.
86.08	114.54		GRD	Unaltered grandiorite, crosscut by occasional quartz veins with phyllic envelopes.
114.54	193.24		GRD	Weak-moderate propyllitic granodiorite crosscut by mineralized quartz veins with phyllic envelopes and patchy argillic alteration.
				EOH

SAMPLES

Numbers: N812009 - N812105

Total: 97

Batch: 89-4; 92-1, 92-2

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-92 **Logger Name:** Teresa Cruz **Date: July 28, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	42.64	42.64				mKgW	GRD	MG	MD	GY	FR	3I	1I								30ft casing, then unaltered granodiorite. Heavily fractured, with orange-brown oxide staining on fracture faces until 42.64m. Very heavily fractured until 14.91m, and pervasive oxidation lasts until approximately 6m depth. Silicification and quartz eyes until 18.3m depth. Occasionally gouged, and crosscut by a few quartz veins and aplite dykes. Hosts fracture pyrite.
										BN											
42.64	80.78	38.14				mKgW	GRD	MG	MD	GY	XL			PRO	4I						Moderate-strong propyllitic altered granodiorite with many crosscutting mineralized veins. Veins have thick phyllic envelopes, that often overlap and produce long intervals of phyllic alteration.
									LT	GN											
			44.87	49.07	4.20	mKgW	GRD	MG	LT	GN	GO			PHC	4I	1.0		Se	1.0		Intensely phyllic altered granodiorite with many crosscutting mineralized quartz veins. The interval is moderately gouged from 44.87-46.83m. Weak clay alteration. Rare sericite book crystals.
														CLY	2I						
			51.25	63.57	12.32	mKgW	GRD	MG	LT	GN	XL			PHC	4I						Intensely phyllic altered granodiorite with many crosscutting mineralized quartz veins. Weak clay alteration. Rare sericite book crystals.
														CLY	2I	1.0		Se	1.0		
80.78	114.54	33.76				mKgW	GRD	MG	MD	GY	XL										Unaltered granodiorite, crosscut by occasional mineralized quartz veins with phyllic envelopes.
			84.60	86.08	1.48		SIL	FG	DK	BK	PO										Black siliceous dyke with quartz eyes.
114.54	193.24	78.70				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Weak-moderate propyllitic granodiorite crosscut by mineralized quartz veins with phyllic envelopes and patchy argillic alteration.
										GN											
			134.94	140.50	5.56	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite with phyllic vein envelopes.
										PK				PHC	3I						
			143.62	146.73	3.11	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite with phyllic vein envelopes.
										PK				PHC	3I						
			160.79	162.44	1.65	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite with phyllic vein envelopes.
										PK				PHC	3I						
			168.81	169.12	0.31	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite with phyllic vein envelopes.
										PK				PHC	2I						
																					EOH

KLAZA

Hole: DDH-KL-12-92 Logger Name: Teresa Cruz

Depth (m)		DESCRIPTION
84.60		Sharp 45 degree contact between unaltered granodiorite (Hanging Wall) and black siliceous dyke (Foot Wall).
86.08		Sharp 60 degree contact between black siliceous dyke (HW) and unaltered granodiorite (FW).
		EOH

KLAZA

Hole: DDH-KL-12-92 **Logger Name:** Teresa Cruz **Date:** July 28, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	10.63	11.28	70.00		3.00			Three gouged and clay altered 3cm segments with heavy oxide staining and light blue-white clay.	
FT	14.64	15.31	80.00					Heavy rubble zone attributed to faulting.	
DY	19.18	19.30	40.00					Light pink-grey fine-grained aplite dyke.	
VN	22.02	22.06	90.00			Py	10.00	Weakly clay altered white-grey massive quartz vein hosts disseminated-blebby pyrite.	
DY	23.92	23.99	90.00					Mafic dyke with silica flooding.	
VT	24.31	24.32	80.00			Py	6.00	White massive quartz veinlet hosting disseminated pyrite.	
VT	25.76	25.77	70.00			Py	1.00	White massive quartz veinlet hosting disseminated pyrite.	
DY	27.83	27.87	90.00					Mafic dyke with silica flooding, only partially intersected by the core barrel.	
VT	27.89	27.90	45.00			Py	2.00	Smoky quartz veinlet hosting disseminated-blebby pyrite and disseminated red hematite.	
						He	1.00		
VN	28.75	28.78	80.00			Py	8.00	White translucent quartz vein that bleeds out into the surrounding granodiorite. Hosts disseminated-blebby pyrite and rare sericite books.	
						Se	1.00		
VT	30.12	30.13	70.00			Py	15.00	White-milky translucent quartz veinlet hosting blebby pyrite.	
VN	30.32	30.35	80.00			Py	20.00	White-grey clay altered quartz vein hosting blebby pyrite along its downhole border.	
DY	30.43	30.46	60.00					Light pink-grey fine-grained aplite dyke.	
VN	33.30	33.32	70.00			Py	15.00	White-grey weakly clay altered quartz vein with orange oxide staining along cracks, and blebby-massive pyrite and disseminated red hematite nested at the centre of the vein.	
						He	2.00		
VN	33.37	33.41	90.00			Py	8.00	Weak-moderately clay altered white quartz vein hosting blebby-disseminated pyrite and hematite at its centre.	
						He	2.00		
VN	33.46	33.53	90.00			Py	40.00	White massive crystalline calcite vein with thick massive pyrite veinlets (6mm and 15mm) on each side, with interstitial red hematite.	
						He	5.00		
GO	37.62	37.74	90.00					Gouged unaltered granodiorite.	
VT	42.93	42.94	90.00			Py	10.00	Grey translucent quartz veinlet hosting a discontinuous pyrite stringer at its centre.	
VN	43.11	43.12	90.00			Py	10.00	Grey-white translucent quartz vein with central blebs of pyrite.	
VN	43.61	43.65	60.00			Py	15.00	Grey-white translucent quartz vein that branches into thinner veinlets. Hosts massive lenses of pyrite at veinlet centres.	
VT	43.98	43.99	60.00			Py	8.00	White orange-stained quartz veinlet that bleeds out into the surrounding phyllic granodiorite. Disseminated pyrite is hosted in the phyllic envelope.	
VT	44.12	44.13	80.00			Py	4.00	Cream-off-white massive quartz veinlet with moderate red hematite at its centre and adjacent discontinuous sphalerite stringers. Hosts disseminated pyrite.	
						He	15.00		
						Sp	8.00		
GO	44.89	46.82	40.00					Moderate-weakly gouged and clay altered phyllic granodiorite.	
VT	47.04	47.09	45.00		2.00	Py	10.00	Grey-green massive quartz veinlets with blebby-disseminated pyrite at its centre.	
VN	48.02	48.04	45.00			Py	8.00	White massive quartz vein hosting massive fine-grained pyrite and disseminated pyrite at its edges. Quartz borders are weakly hematite stained to a light pink.	
VT	48.16	48.86	45.00		4.00	Py	4.00	Grey translucent massive quartz veinlet with discontinuous pyrite stringers at their centres.	
VN	48.89	48.91	35.00			Py	2.00	Dark grey-green massive quartz vein with disseminated pyrite.	
VT	49.93	49.94	70.00					Discontinuous pyrite veinlet.	
VN	50.10	50.16	60.00			Py	15.00	Grey-white quartz vein with indistinct borders that bleed out into the surrounding argillic granodiorite. Hosts a 1cm thick discontinuous pyrite vein.	
VT	50.25	50.71	80.00		3.00	Py	10.00	Three white-grey translucent quartz veinlets hosting blebby sphalerite and fine-grained blebby-disseminated pyrite. Sericite books in phyllic envelope.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	6.00		
						Se	3.00		
VN	51.67	52.19	70.00		4.00	Py	15.00	Four grey-white massive translucent quartz veins with similar properties. White quartz is at the centre and highlights the euhedral crystals of the comb quartz borders. Sericite books hosted in the phyllic envelopes. Some of the white quartz is orange-stained by oxides, with interstitial black fine-grained pyrite and blebby-disseminated sphalerite.	
						Se	3.00		
VN	52.38	52.40	40.00			Py	10.00	Grey weakly banded pink-purple stained quartz hosting blebby fine-grained pyrite at its centre.	
VT	53.03	53.04	60.00			Py	6.00	Grey translucent quartz veinlet with discontinuous pyrite stringers.	
VN	53.54	53.56	40.00					Dark grey clay altered quartz vein, hosting sulphides. Likely the cause of the dark grey colouration.	
VN	54.26	54.30	80.00			Py	15.00	Milky quartz vein with blebby-massive fine-grained pyrite and anhedral-euhedral crystals of zoned honey brown sphalerite.	
						Sp	15.00		
VN	55.83	55.86	90.00			Py	10.00	Milky quartz vein with blebby-massive fine-grained pyrite and anhedral-euhedral crystals of zoned honey brown sphalerite.	
						Sp	3.00		
VT	56.57	56.58	45.00					Milky quartz with weak vuggy texture.	
VN	56.97	57.00	90.00					Netted creamy chalcedony veins with vugs partially infilled by calcite.	
VN	58.84	58.89	70.00			Py	30.00	Massive white-grey quartz vein with two 1cm thick pyrite veins, and interstitial calcite. Hosts discontinuous galena and sphalerite veinlets.	
						Sp	15.00		
						Gn	10.00		
						Ca	5.00		
VT	59.02	59.04	90.00		2.00	Ca	20.00	Vuggy creamy chalcedony veinlets with calcite-filled vugs.	
VN	59.17	59.20	80.00			Py	15.00	White-grey weakly banded quartz vein hosting blebby-disseminated pyrite.	
VT	59.34	59.35	70.00					Discontinuous pyrite veinlet.	
VN	59.72	59.83	70.00			Py	10.00	Moderately clay altered grey quartz vein crosscut by a creamy quartz-carbonate vein. Grey quartz hosts disseminated-blebby pyrite.	
VN	59.74	59.79	70.00			Py	10.00	Weakly clay altered grey quartz vein with disseminated-blebby pyrite and blebby galena.	
						Gn	5.00		
VN	60.41	60.43	80.00			Py	50.00	White-grey massive translucent quartz vein hosting a massive fine-grained pyrite vein.	
GO	61.59	61.75	70.00					Gouged-clay altered phyllic granodiorite.	
VN	61.86	61.88	60.00			Py	5.00	Vuggy off-white quartz veinlet with lenses of smoky quartz hosting disseminated-blebby pyrite.	
VT	62.45	62.46	70.00			Py	3.00	Dark grey massive quartz veinlet with disseminated pyrite along its central axis..	
VN	62.79	62.85	80.00			Py	8.00	Grey-smoky massive quartz vein with weak clay alteration along crosscutting cracks. Sericite books are hosted in phyllic envelopes.	
						Se	1.00		
VT	62.88	63.02	90.00			Py	10.00	Thin grey quartz veinlets with disseminated pyrite at its centre axis.	
VN	63.21	63.25	45.00			Py	15.00	Grey-white massive quartz vein hosting blebby-disseminated pyrite.	
VN	63.49	63.52	80.00			Py	8.00	Grey-white translucent massive-comb quartz vein hosting disseminated-blebby pyrite and blebby galena.	
						Gn	4.00		
VT	68.82	68.84	90.00		2.00			Two discontinuous pyrite veinlets.	
VN	69.69	69.71	80.00			Py	8.00	Grey translucent quartz veins hosting disseminated-blebby pyrite.	
VN	70.23	70.27	90.00			Py	10.00	Creamy quartz vein that brecciates large (2cm) subangular clasts of grey quartz. Quartz hosts disseminated pyrite.	
VN	70.60	70.76	90.00		2.00	Py	6.00	Two poorly defined grey quartz veins that bleed out into the hosting granodiorite. Hosts disseminated-blebby pyrite.	
VT	71.03	71.06	70.00		2.00	Py	10.00	Two grey translucent quartz veinlets hosting disseminated pyrite and disseminated arsenopyrite.	
						As	2.00		
VN	71.18	71.71	60.00			Py	20.00	Thick smoky quartz vein crosscut by vuggy white-grey quartz veinlets, and showing banding with thick grey quartz veins within. Smoky quartz is thickly mineralized with fine-grained pyrite. Also hosts blebby galena.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Gn	2.00		
VN	71.72	72.00	70.00			Py	15.00	Top 15 cm is banded massive smoky-grey quartz, with pyrite and galena mineralization in the smoky quartz (similarly to 71.18-71.71m). Bottom 13cm is intensely netted off-white quartz veinlets crosscutting grey-white massive quartz. Grey-white quartz hosts disseminated pyrite.	
						Gn	1.00		
VN	73.53	75.51	80.00		6.00	Py	8.00	White-grey translucent massive quartz veins with discontinuous carbonate-filled microfractures at their borders. Hosts disseminated-blebby pyrite.	
VN	75.90	76.07	90.00			Py	15.00	Thickly banded smoky-milky-grey quartz vein with gouged uphole border. Grey-smoky quartz hosts blebby-massive pyrite. Crosscut by milky quartz veinlets.	
VN	76.08	76.11	90.00			Py	20.00	Grey translucent quartz vein with central milky quartz veinlet with several thin offshoots. Discontinuous smoky quartz veinlets border the milky quartz. Blebby pyrite and arsenopyrite are hosted in the smoky quartz.	
						As	8.00		
VT	76.23	76.24	45.00			Py	2.00	Grey discontinuous quartz veinlet hosting blebby galena, disseminated pyrite, and disseminated-blebby arsenopyrite.	
						As	3.00		
						Gn	60.00		
VT	83.01	83.03	90.00			Py	2.00	White translucent quartz veinlet with high crystalline chlorite content, hosting disseminated pyrite.	
VT	87.86	88.01	30.00		3.00	Py	1.00	White quartz veinlets with dark green chlorite borders, hosting trace pyrite, blebby galena.	
						Gn	2.00		
VN	88.97	88.01	90.00			Py	10.00	White-grey weakly clay altered quartz vein hosting disseminated medium-grained pyrite.	
VN	88.75	88.80	80.00			Py	6.00	Grey-white translucent quartz vein with two separate gouge zones. Hosts blebby-massive pyrite.	
DY	91.05	92.90	60.00		6.00			Six 0.6-1cm thick medium pink fine-grained aplite dykes.	
VT	93.51	93.52	70.00			Py	2.00	White quartz veinlet with dark green chlorite borders, hosting disseminated pyrite.	
FT	93.73	93.76	45.00					Weakly developed fault zone.	
GO	95.01	95.08	50.00					Weakly gouged propyllitic granodiorite.	
VN	98.84	98.86	90.00			Py	40.00	White-cream quartz vein with massive fine-grained pyrite lens at its centre.	
VN	104.09	104.11	80.00			Py	4.00	White-grey quartz vein with indistinct borders, hosting disseminated pyrite.	
VN	106.63	106.65	80.00			Py	1.00	White chalcedony vein with dark green chlorite and red hematite between chalcedony veinlets. Hosts disseminated pyrite.	
VN	108.58	108.60	70.00			Py	7.00	Grey quartz vein with central red hematite stringers hosting disseminated-blebby pyrite.	
						He	15.00		
VN	109.19	109.21	90.00			Py	2.00	White quartz vein with indistinct borders, hosting disseminated pyrite and sericite books.	
						Se	8.00		
VT	111.53	111.54	80.00			Py	4.00	White-grey quartz veinlet with disseminated pyrite.	
VN	117.47	117.62	90.00			Py	25.00	Complex vein: 3cm comb calcite crystals with large interstitial blebs of pyrite, then a banded grey-smoky-white quartz vein. Smoky quartz hosts 3mm clasts (subrounded) of white quartz and blebby pyrite.	
						Sp	4.00		
						As	8.00		
VN	119.22	119.32	80.00			Py	25.00	Alternating bands of milky-grey quartz. Milky quartz veinlets/lenses host sphalerite crystals near their borders. Galena is commonly blebby near the milky-grey quartz interface. Smoky quartz hosts blebby-massive pyrite.	
						Sp	10.00		
						Gn	3.00		
VN	119.43	119.60	80.00			Py	15.00	Complex quartz vein: 5cm of milky massive quartz with large sphalerite blebs and disseminated-blebby pyrite. Remainder of vein is smoky-grey quartz with small angular clasts of milky quartz, hosting blebby-disseminated pyrite and disseminated galena.	
						Sp	6.00		
						Gn	2.00		
VN	119.92	120.58	45.00		2.00			Massive white calcite veins, 1cm thick.	
VN	124.20	124.22	80.00			Py	10.00	White quartz vein with central massive calcite veinlet. Hosts disseminated pyrite and scattered sericite crystals.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Se	2.00		
GO	125.61	125.78	50.00					Weakly gouged propyllitic granodiorite.	
GO	125.97	126.21	60.00			Py	1.00	Moderately gouged phyllic granodiorite with disseminated pyrite.	
VN	126.72	126.82	70.00			Py	40.00	Alternating bands of grey-smoky quartz, with lenses of milky quartz. Smoky-grey quartz hosts blebby-massive pyrite.	
VN	128.29	128.31	70.00			Py	15.00	White chalcedony vein with central vug infilled by white translucent quartz. Blebby-disseminated pyrite is hosted along the chalcedony outer edges.	
VT	130.37	130.38	70.00			Py	3.00	Weakly banded white quartz veinlet with disseminated pyrite.	
VN	134.04	134.07	70.00					Thick massive calcite vein.	
VN	136.26	136.28	80.00			Py	8.00	Massive grey quartz vein with indistinct borders, hosting vuggy central white quartz veinlet and disseminated-blebby pyrite.	
VN	136.34	136.37	90.00			Py	3.00	Grey-white clay altered quartz vein, hosting disseminated pyrite and dark grey aphanitic sulphides.	
VN	136.65	136.74	70.00			Py	3.00	Vuggy grey quartz influx that intensely silicified the granodiorite, almost to the point of producing a massive vein. Hosts disseminated-blebby pyrite.	
VN	136.98	137.03	70.00			Py	2.00	White massive quartz vein with large vugs, now filled by dark grey clay. Disseminated pyrite is hosted at the vein borders.	
VN	137.38	137.41	80.00			Py	2.00	Grey translucent quartz vein crosscut by a chalcedony veinlet and milky quartz veinlet. Milky quartz veinlet hosts blebby chalcopyrite along its central axis. Blebby sphalerite is found along the border of the white quartz veinlet, and disseminated pyrite is hosted throughout the grey quartz.	
						Sp	1.00		
						Cp	4.00		
VT	137.99	138.00	60.00			Py	6.00	Grey massive quartz veinlet with smoky quartz veinlet, both hosting disseminated pyrite.	
VT	138.87	138.88	70.00			Py	10.00	Mixed smoky-milky quartz veinlet hosting disseminated pyrite.	
GO	138.97	139.00	60.00			Py	1.00	Clay gouged grey-white quartz vein with disseminated pyrite.	
VN	139.06	139.08	40.00			Py	4.00	Alternating bands of smoky-milky quartz vein, where the milky quartz is chalcedony. Hosts disseminated-blebby pyrite.	
FT	139.96	140.13	90.00					Weakly developed fault zone.	
VT	140.77	140.78	80.00			Py	10.00	Grey massive quartz veinlet with central discontinuous pyrite stringers.	
VT	140.75	140.90	90.00		6.00	Py	6.00	Six dark grey-white quartz with white chalcedony veinlets, hosting blebby-disseminated pyrite and disseminated sphalerite.	
						Sp	2.00		
VN	140.95	141.39	90.00		5.00	Py	15.00	Five medium grey-white weakly banded quartz veins, hosting blebby-disseminated pyrite.	
VN	143.89	143.91	90.00			Py	10.00	Medium grey-white weakly banded quartz vein hosting blebby-disseminated pyrite.	
DY	144.28	144.31	50.00					Light green fine-grained aplite dyke.	
VT	144.31	144.49	60.00		5.00	Py	6.00	Four smoky-white banded quartz veinlets with disseminated pyrite. Very weakly clay altered.	
VN	144.61	144.63	80.00			Py	40.00	White semi translucent crystalline quartz vein hosting a 4mm thick massive pyrite veinlet along its central axis.	
VN	144.86	145.01	90.00			Py	40.00	Complex vein: initially a smoky quartz vein with fine-grained pyrite veinlets, blebby pyrite, and white quartz lenses. Smoky quartz was then brecciated by white semi translucent quartz-carbonate vein, which hosts angular clasts of smoky quartz. White quartz is unmineralized,.	x
VN	145.31	145.39	30.00					Massive white quartz vein.	
VN	145.98	146.00	90.00			Py	15.00	White massive quartz vein with blebby-massive pyrite and creamy discontinuous carbonate veinlet along the downhole border.	
VN	149.79	149.81	80.00			Py	15.00	Smoky-grey quartz vein, with smoky quartz focused at the outer edges, and grey translucent comb quartz at the centre, with interstitial creamy carbonate. Blebby-disseminated pyrite and blebby arsenopyrite are hosted primarily at the smoky and grey quartz interface.	
						As	5.00		
VN	151.38	151.42	90.00			Py	10.00	Crustiform white-cream quartz vein with carbonate filling central vugs. Bordered by dark-medium grey semi translucent quartz hosting disseminated fine-grained pyrite and disseminated galena.	
						Gn	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	151.81	151.83	80.00			Py	6.00	Ropey smoky quartz veinlet with cream quartz veinlet. Hosts blebby-disseminated pyrite.	
VN	151.06	151.08	90.00			Py	8.00	Grey semi translucent quartz vein with indistinct borders. Hosts blebby-disseminated pyrite, and disseminated sericite books.	
						Se	1.00		
VT	152.23	152.24	90.00			Py	6.00	Creamy chalcedony veinlet hosting disseminated pyrite.	
VN	153.27	153.29	80.00			Py	45.00	White massive quartz vein hosting massive pyrite.	
GO	157.06	157.16	30.00					Moderately gouged propyllitic granodiorite.	
GO	157.78	157.84	60.00					Moderately gouged propyllitic granodiorite.	
GO	157.98	158.12	50.00					Moderately gouged propyllitic granodiorite.	
VN	161.46	161.51	70.00			Py	5.00	Off-white-cream chalcedony veinlet/vein with small smoky quartz lenses. Hosts disseminated pyrite in phyllic envelope.	
VN	165.27	165.31	45.00			Py	5.00	Medium grey massive quartz vein with red hematite staining and disseminated-blebby pyrite.	
						He	10.00		
VT	168.35	168.36	70.00			Py	8.00	White massive quartz veinlet with blebby pyrite.	
VT	168.62	168.63	80.00			Py	20.00	Grey translucent quartz veinlet with mossy disseminated pyrite.	
VT	169.02	169.03	70.00			Py	5.00	Grey-smoky quartz veinlet with disseminated pyrite.	
VT	169.04	169.05	70.00			Py	10.00	White-cream massive quartz veinlet with disseminated pyrite.	
VN	169.92	169.98	40.00			Py	5.00	Grey-white blended quartz vein with interstitial red hematite blebs and stringers, and blebby-disseminated pyrite.	
						He	15.00		
FT	171.80	172.26	80.00					Fractured fault zone.	
VN	172.30	172.37	70.00			Py	50.00	Grey-milky quartz vein in alternating bands with blebby-massive pyrite.	
VN	172.58	172.64	90.00			Py	10.00	Smoky-grey quartz vein hosting subrounded milky quartz clasts, blebby-disseminated pyrite, and blebby arsenopyrite.	
						As	5.00		
VT	173.70	173.71	70.00			Py	20.00	Grey massive quartz vein with fine-grained pyrite stringers and blebby pyrite.	
VT	173.98	173.99	80.00			Py	8.00	White translucent comb quartz with interstitial milky quartz, hosts disseminated pyrite.	
VT	176.35	173.37	80.00			Py	7.00	Grey translucent quartz veinlet with discontinuous carbonate-filled microfractures along the edges. Hosts blebby-disseminated pyrite, disseminated sphalerite, and disseminated arsenopyrite.	
						As	2.00		
						Sp	1.00		
VN	179.82	179.84	70.00			Py	5.00	White to light green massive quartz vein with cream chalcedony veinlet borders.	
VN	183.57	183.59	70.00			Py	8.00	White-grey quartz in alternating bands. Grey quartz hosts blebby-disseminated pyrite.	
VN	189.14	189.19	35.00			Py	4.00	Massive smoky quartz vein with disseminated pyrite.	
VN	189.96	189.99	90.00			Py	8.00	Cream-white-grey quartz vein with alternating bands of colour, hosting blebby-disseminated pyrite.	
VT	191.28	191.29	80.00			Py	10.00	White massive quartz veinlet with blebby-disseminated pyrite.	
VN	192.39	192.45	70.00		2.00	Py	10.00	White-grey quartz veins heavily stained by hematite, hosting blebby pyrite.	
						He	30.00		
								EOH	

KLAZA

Hole: DDH-KL-12-92 **Date: July 29, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
34.11	9.9	5.2	534	335.5	GRD		SIL	1I			2.539858	2.690176	Unaltered granodiorite with weak silica flooding.
62.18	10	5.2	519	322	GRD		PHC	3I			2.443829	2.634518	Moderate phyllic and weak argillic altered granodiorite.
							ARG	2I					
Calibration			2001.7										Calibration test with 2kg mass.
70.37	10.3	5.2	554.8	350.1	GRD		PHC	4I	Py	1	2.536312	2.710308	Intense phyllic granodiorite with disseminated pyrite.
85.93	10.1	5.2	550.2	347.6	SIL		SIL	4I			2.56509	2.715696	Black siliceous dyke.
111.31	10.2	5.2	551.4	347.8	GRD		PRO	1I			2.545482	2.708251	Very weakly propyllitic granodiorite with large xenolith.
144.86	13.8	5.2	828.1	541.3	VEN				Py	40	2.825577	2.887378	Thick smoky-grey quartz vein with blebby-massive pyrite. See secondary structures.
150.9	10.1	5.2	506.4	306.8	GRD		ARG	3I			2.36089	2.537074	Moderate argillic granodiorite.
187.28	9.9	5.2	509.3	317.2	GRD		PRO	2I			2.422378	2.651223	Weak propyllitic granodiorite crosscut by chlorite veinlets.
Calibration			1993.2										Calibration test with 2kg mass.
													EOH

KLAZA

Hole: DDH-KL-12-92 **Date: July 29, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
27.60	30.60	3.00	2.94	98	N812009	89-4				
30.60	32.90	2.30	2.30	100	N812010	89-4				
32.90	33.90	1.00	1.00	100	N812011	89-4				
					N812012	89-4				Klaza STD-2
33.90	35.25	1.35	1.35	100	N812013	89-4				
35.25	37.75	2.50	2.46	98.4	N812014	89-4				
37.75	39.07	1.32	1.29	97.7	N812015	89-4				
39.07	41.59	2.52	2.51	99.6	N812016	89-4				
41.59	43.05	1.46	1.43	97.9	N812017	89-4				
					N812018	89-4				Quarter duplicate
43.05	44.87	1.82	1.76	96.7	N812019	89-4				
44.87	47.00	2.13	1.98	93	N812020	89-4				
					N812021	89-4				Blank
47.00	49.64	2.64	2.61	98.9	N812022	89-4				
49.64	50.90	1.26	1.26	100	N812023	89-4				
50.90	53.28	2.38	2.38	100	N812024	89-4				
53.28	54.91	1.63	1.57	96.3	N812025	89-4				
54.91	57.51	2.60	2.12	81.5	N812026	89-4				
57.51	58.71	1.20	1.20	100	N812027	89-4				
					N812028	89-4				Coarse reject duplicate
58.71	60.58	1.87	1.87	100	N812029	89-4				
60.58	63.56	2.98	2.93	98.3	N812030	89-4				
63.56	66.14	2.58	2.58	100	N812031	89-4				
66.14	69.19	3.05	3.05	100	N812032	89-4				
69.19	70.26	1.07	1.04	97.2	N812033	89-4				
70.26	72.42	2.16	2.16	100	N812034	92-1				
72.42	75.29	2.87	2.80	97.6	N812035	92-1				
75.29	76.31	1.02	1.02	100	N812036	92-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812037	92-1				Blank
76.31	78.75	2.44	2.40	98.4	N812038	92-1				
					N812039	92-1				Klaza STD-1
78.75	81.45	2.70	2.56	94.8	N812040	92-1				
81.45	82.92	1.47	1.47	100	N812041	92-1				
82.92	84.60	1.68	1.68	100	N812042	92-1				
84.60	86.08	1.48	1.48	100	N812043	92-1				
86.08	88.81	2.73	2.36	86.4	N812044	92-1				
88.81	90.05	1.24	1.24	100	N812045	92-1				
90.05	92.90	2.85	2.78	97.5	N812046	92-1				
92.90	95.83	2.93	2.85	97.3	N812047	92-1				
95.83	98.43	2.60	2.40	92.3	N812048	92-1				
					N812049	92-1				Coarse reject duplicate
98.43	99.54	1.11	1.04	93.7	N812050	92-1				
99.54	101.57	2.03	1.76	86.7	N812051	92-1				
101.57	103.60	2.03	2.03	100	N812052	92-1				
103.60	105.77	2.17	2.05	94.5	N812053	92-1				
105.77	108.30	2.53	2.53	100	N812054	92-1				
108.30	111.20	2.90	2.73	94.1	N812055	92-1				
					N812056	92-1				Klaza STD-3
111.20	114.19	2.99	2.94	98.3	N812057	92-1				
114.19	117.08	2.89	2.72	94.1	N812058	92-1				
117.08	118.92	1.84	1.76	95.7	N812059	92-1				
118.92	120.05	1.13	1.13	100	N812060	92-1				
					N812061	92-1				Blank
120.05	121.67	1.62	1.62	100	N812062	92-1				
					N812063	92-1				Quarter duplicate
121.67	123.12	1.45	1.40	96.6	N812064	92-1				
123.12	124.41	1.29	1.24	96.1	N812065	92-1				
124.41	125.81	1.40	1.37	97.9	N812066	92-1				
125.81	127.44	1.63	1.43	87.7	N812067	92-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
127.44	130.15	2.71	2.46	90.8	N812068	92-1				
130.15	132.10	1.95	1.89	96.9	N812069	92-1				
132.10	134.96	2.86	2.86	100	N812070	92-2				
134.96	136.13	1.17	1.17	100	N812071	92-2				
					N812072	92-2				Quarter duplicate
136.13	137.47	1.34	1.32	98.5	N812073	92-2				
137.47	139.29	1.82	1.76	96.7	N812074	92-2				
139.29	141.46	2.17	2.14	98.6	N812075	92-2				
					N812076	92-2				Blank
141.46	143.77	2.31	2.29	99.1	N812077	92-2				
143.77	146.08	2.31	2.21	95.7	N812078	92-2				
					N812079	92-2				Klaza STD-1
146.08	148.44	2.36	2.35	99.6	N812080	92-2				
148.44	151.18	2.74	2.69	98.2	N812081	92-2				
151.18	152.27	1.09	1.07	98.2	N812082	92-2				
152.27	155.00	2.73	2.73	100	N812083	92-2				
155.00	156.92	1.92	1.86	96.9	N812084	92-2				
156.92	159.85	2.93	2.85	97.3	N812085	92-2				
159.85	161.32	1.47	1.47	100	N812086	92-2				
161.32	162.45	1.13	1.13	100	N812087	92-2				
					N812088	92-2				Klaza STD-2
162.45	165.09	2.64	2.63	99.6	N812089	92-2				
165.09	166.19	1.10	1.10	100	N812090	92-2				
166.19	168.26	2.07	2.07	100	N812091	92-2				
168.26	169.58	1.32	1.32	100	N812092	92-2				
169.58	171.82	2.24	2.18	97.3	N812093	92-2				
171.82	172.82	1.00	0.87	87	N812094	92-2				
					N812095	92-2				Blank
172.82	173.75	0.93	0.93	100	N812096	92-2				
173.75	176.64	2.89	2.90	100	N812097	92-2				
176.64	178.92	2.28	2.20	96.5	N812098	92-2				
					N812099	92-2				Coarse reject duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
178.92	181.97	3.05	3.05	100	N812100	92-2				
181.97	183.54	1.57	1.57	100	N812101	92-2				
183.54	185.01	1.47	1.44	98	N812102	92-2				
185.01	188.06	3.05	3.04	99.7	N812103	92-2				
188.06	191.11	3.05	2.91	95.4	N812104	92-2				
191.11	193.24	2.13	2.13	100	N812105	92-2				EOH

KLAZA

Hole: DDH-KL-12-92 **Tech Name: Tory Prentice** **Date: July 25, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	6.10	6.10	1.95	32	0.78	13		2	4S	3W	
6.10	8.23	2.13	1.78	84	0.77	36		2	1S	3W	
8.23	11.28	3.05	2.75	90	0.80	26		1	2S	3W	
11.28	14.33	3.05	3.05	100	1.10	36		2	3S	3W	
14.33	17.37	3.04	3.02	99	1.40	46		1	1S	3W	
17.37	20.42	3.05	3.05	100	2.08	68		2	4S	3W	
20.42	23.47	3.05	2.97	97	1.90	62		2	3S	3W	
23.47	26.52	3.05	3.05	100	2.00	66		2	4S	3W	
26.52	29.58	3.06	3.03	99	2.28	75		2	5S	2W	
29.58	32.61	3.03	3.04	100	2.40	79		2	3S	2W	
32.61	35.66	3.05	3.00	98	2.20	72		2	3S	3W	
35.66	38.71	3.05	3.00	98	1.07	35		1	2S	3W	
38.71	41.76	3.05	3.05	100	0.55	18		2	3S	2W	
41.76	44.81	3.05	2.98	98	2.33	76		2	2S	3W	
44.81	47.85	3.04	2.99	98	0.73	24		1	1S	3W	
47.85	50.90	3.05	3.05	100	2.20	72		2	3S	2W	
50.90	53.95	3.05	3.05	100	2.40	79		2	4S	3W	
53.95	57.00	3.05	2.52	83	1.49	49		2	5S	3W	
57.00	60.05	3.05	3.05	100	2.30	75		2	4S	3W	
60.05	63.09	3.04	3.02	99	2.27	75		2	2S	3W	
63.09	66.14	3.05	3.05	100	2.58	85		2	5S	1W	
66.14	69.19	3.05	3.05	100	2.20	72		2	4S	1W	
69.19	72.24	3.05	3.00	98	1.55	51		2	3S	3W	
72.24	75.29	3.05	2.88	94	1.26	41		2	3S	3W	
75.29	78.33	3.04	2.95	97	1.06	35		2	2S	3W	
78.33	81.38	3.05	2.88	94	1.13	37		2	3S	1W	
81.38	84.42	3.04	3.00	99	1.55	51		2	3S	1W	
84.42	87.48	3.06	2.99	98	2.15	70		2	3S	1W	
87.48	90.53	3.05	3.05	100	1.92	63		2	3S	1W	
90.53	93.57	3.04	2.90	95	1.29	42		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
93.57	96.62	3.05	3.00	98	1.05	34		2	2S	1W	
96.62	99.67	3.05	2.72	89	1.35	44		2	3S	1W	
99.67	102.72	3.05	2.92	96	0.40	13		2	0S	1W	
102.72	105.77	3.05	2.90	95	0.75	25		2	1S	1W	
105.77	108.81	3.04	3.00	99	0.48	16		2	2S	1W	
108.81	111.86	3.05	2.88	94	1.70	56		2	3S	1W	
111.86	114.91	3.05	2.87	94	0.85	28		2	3S	1W	
114.91	117.96	3.05	2.82	92	0.74	24		2	3S	1W	
117.96	121.01	3.05	3.02	99	1.37	45		2	3S	1W	
121.01	124.05	3.04	2.89	95	1.89	62		2	3S	1W	
124.05	127.10	3.05	2.94	96	0.96	31		2	0S	1W	
127.10	130.15	3.05	2.72	89	0.94	31		2	2S	1W	
130.15	133.20	3.05	3.05	100	1.90	62		2	4S	1W	
133.20	136.25	3.05	3.00	98	2.10	69		2	4S	2W	
136.25	139.29	3.04	3.02	99	1.84	61		2	2S	2W	
139.29	142.34	3.05	3.05	100	1.92	63		2	0S	3W	
142.34	145.39	3.05	3.05	100	1.95	64		2	2S	2W	
145.39	148.44	3.05	3.05	100	1.29	42		2	2S	3W	
148.44	151.49	3.05	3.05	100	1.75	57		2	3S	2W	
151.49	154.53	3.04	3.04	100	2.13	70		2	3S	1W	
154.53	157.58	3.05	3.05	100	1.60	52		2	2S	3W	
157.58	160.63	3.05	3.05	100	0.62	20		2	2S	3W	
160.63	163.68	3.05	3.05	100	1.87	61		2	3S	1W	
163.68	166.73	3.05	3.05	100	2.00	66		2	4S	2W	
166.73	169.77	3.04	3.05	100	1.78	59		1	2S	3W	
169.77	172.82	3.05	2.99	98	0.44	14		1	2S	4W	
172.82	175.87	3.05	3.05	100	1.73	57		2	3S	1W	
175.87	178.92	3.05	3.05	100	2.48	81		2	4S	1W	
178.92	181.97	3.05	3.05	100	1.73	57		2	4S	2W	
181.97	185.01	3.04	3.04	100	1.63	54		2	3S	3W	
185.01	188.06	3.05	3.05	100	1.93	63		2	3S	3W	
188.06	191.11	3.05	2.95	97	0.77	25		2	4S	2W	
191.11	193.24	2.13	2.13	100	2.00	94		2	3S	2W	EOH

KLAZA

Hole: DDH-KL-12-92 **Tech Name: Tory Prentice** **Date: July 25, 2012** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	6.10	6.10	-	-	-	-	-	-	Rubbly
6.10	8.23	2.13	40.00	0.20	3.00	2.00	3R	3W	
8.23	11.28	3.05	-	-	-	-	-	-	
11.28	14.33	3.05	70.00	0.10	10.00	2.00	3R	3W	
14.33	17.37	3.04	60.00	0.12	0.00	2.00	3R	1W	
17.37	20.42	3.05	-	-	-	-	-	-	
20.42	23.47	3.05	40.00	1.00	2.00	2.00	3R	3W	
23.47	26.52	3.05	-	-	-	-	-	-	
26.52	29.58	3.06	-	-	-	-	-	-	
29.58	32.61	3.03	70.00	0.15	20.00	2.00	3R	3W	
32.61	35.66	3.05	40.00	0.75	0.00	1.00	3R	2W	
35.66	38.71	3.05	-	-	-	-	-	-	
38.71	41.76	3.05	30.00	0.70	0.00	2.00	3R	2W	
41.76	44.81	3.05	-	-	-	-	-	-	
44.81	47.85	3.04	40.00	0.30	2.00	2.00	3R	3W	
47.85	50.90	3.05	25.00	0.45	0.00	1.00	3R	1W	Additional joint sets: 45,0.10,0,2,3R,2W
50.90	53.95	3.05	30.00	0.30	0.00	2.00	3R	2W	
53.95	57.00	3.05	-	-	-	-	-	-	
57.00	60.05	3.05	40.00	0.70	0.00	2.00	3R	1W	
60.05	63.09	3.04	50.00	0.15	0.00	3.00	3R	1W	
63.09	66.14	3.05	-	-	-	-	-	-	
66.14	69.19	3.05	40.00	0.60	0.00	2.00	3R	1W	
69.19	72.24	3.05	68.00	0.48	0.00	1.00	2R	3W	
72.24	75.29	3.05	40.00	0.15	0.00	2.00	3R	3W	
75.29	78.33	3.04	80.00	0.50	0.00	1.00	2R	1W	
78.33	81.38	3.05	70.00	0.18	0.00	1.00	2R	1W	
81.38	84.42	3.04	62.00	0.09	0.00	1.00	2R	1W	
84.42	87.48	3.06	60.00	0.60	0.00	1.00	2R	1W	
87.48	90.53	3.05	80.00	0.02	1.00	1.00	2R	1W	
90.53	93.57	3.04	40.00	0.90	0.00	1.00	2R	1W	
93.57	96.62	3.05	50.00	0.59	0.00	1.00	2R	1W	
96.62	99.67	3.05	50.00	0.35	0.00	1.00	2R	1W	

KLAZA

99.67	102.72	3.05	-	-	-	-	-	-	
102.72	105.77	3.05	-	-	-	-	-	-	
105.77	108.81	3.04	80.00	0.34	0.00	1.00	2R	1W	
108.81	111.86	3.05	75.00	0.57	0.00	1.00	2R	1W	
111.86	114.91	3.05	50.00	0.05	0.00	1.00	2R	1W	
114.91	117.96	3.05	70.00	0.05	0.00	1.00	2R	1W	
117.96	121.01	3.05	50.00	0.25	0.00	1.00	2R	1W	
121.01	124.05	3.04	47.00	0.22	0.00	2.00	3R	1W	
124.05	127.10	3.05	60.00	0.15	0.00	1.00	2R	1W	
127.10	130.15	3.05	55.00	0.10	0.00	1.00	2R	1W	
130.15	133.20	3.05	65.00	0.60	2.00	2.00	3R	1W	
133.20	136.25	3.05							No sets
136.25	139.29	3.04	60.00	0.15	2.00	3.00	3R	3W	
139.29	142.34	3.05							No sets
142.34	145.39	3.05							No sets
145.39	148.44	3.05							No sets
148.44	151.49	3.05							No sets
151.49	154.53	3.04	60.00	0.50	2.00	2.00	3R	2W	
154.53	157.58	3.05	60.00	0.07	2.00	2.00	3R	2W	
157.58	160.63	3.05	45.00	0.10	3.00	2.00	3R	3W	
160.63	163.68	3.05	40.00	0.20	2.00	2.00	3R	2W	
163.68	166.73	3.05	40.00	0.15	5.00	1.00	3R	2W	
166.73	169.77	3.04							No sets
169.77	172.82	3.05							No sets
172.82	175.87	3.05	40.00	0.30	0.00	1.00	3R	2W	
175.87	178.92	3.05							No sets
178.92	181.97	3.05	70.00	0.20	0.00	1.00	3R	1W	
181.97	185.01	3.04							No sets
185.01	188.06	3.05	35.00	0.80	2.00	2.00	3R	1W	
188.06	191.11	3.05							No sets
191.11	193.24	2.13							EOH

KLAZA

Hole: DDH-KL-12-92 Date: July 25, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	20.90	
2.00	0.38	
3.00	0.84	
4.00	17.40	
5.00	13.90	
6.00	21.50	
7.00	24.40	
8.00	20.20	
9.00	4.83	
10.00	21.80	
11.00	13.60	
12.00	0.73	
13.00	23.20	
14.00	16.00	
15.00	2.30	
16.00	27.60	
17.00	26.50	
18.00	20.40	
19.00	25.90	
20.00	17.00	
21.00	18.80	
22.00	3.58	
23.00	18.90	
24.00	20.30	
25.00	19.50	
26.00	19.40	
27.00	19.10	
28.00	19.20	
29.00	22.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	22.80	
31.00	19.70	
32.00	16.40	
33.00	23.90	
34.00	9.62	
35.00	3.84	
36.00	24.80	
37.00	5.21	
38.00	21.70	
39.00	22.40	
40.00	21.10	
41.00	27.70	
42.00	24.60	
43.00	0.69	
44.00	0.38	
45.00	0.23	
46.00	0.21	
47.00	0.25	
48.00	0.47	
49.00	0.58	
50.00	0.20	
51.00	12.20	
52.00	0.20	
53.00	0.36	
54.00	0.27	
55.00	0.27	
56.00	0.16	
57.00	0.29	
58.00	0.53	
59.00	0.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.36	
61.00	0.43	
62.00	0.38	
63.00	0.29	
64.00	20.20	
65.00	13.50	
66.00	11.30	
67.00	10.20	
68.00	11.00	
69.00	8.43	
70.00	0.49	
71.00	0.36	
72.00	0.25	
73.00	3.89	
74.00	13.80	
75.00	4.97	
76.00	0.34	
77.00	22.50	
78.00	22.60	
79.00	20.30	
80.00	22.20	
81.00	22.00	
82.00	23.90	
83.00	2.70	
84.00	18.20	
85.00	14.70	
86.00	11.60	
87.00	18.80	
88.00	7.42	
89.00	0.98	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	22.50	
91.00	23.20	
92.00	19.90	
93.00	17.70	
94.00	13.30	
95.00	9.05	
96.00	21.10	
97.00	3.36	
98.00	12.40	
99.00	0.38	
100.00	4.00	
101.00	18.80	
102.00	16.70	
103.00	18.90	
104.00	14.80	
105.00	16.40	
106.00	14.30	
107.00	12.10	
108.00	12.50	
109.00	12.40	
110.00	25.10	
111.00	15.40	
112.00	18.10	
113.00	12.20	
114.00	14.80	
115.00	16.90	
116.00	10.50	
117.00	1.18	
118.00	0.18	
119.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.71	
121.00	0.87	
122.00	9.22	
123.00	16.60	
124.00	0.87	
125.00	14.20	
126.00	0.60	
127.00	0.25	
128.00	2.14	
129.00	12.80	
130.00	12.50	
131.00	5.80	
132.00	1.02	
133.00	19.50	
134.00	0.45	
135.00	10.50	
136.00	0.45	
137.00	0.49	
138.00	0.47	
139.00	0.27	
140.00	0.89	
141.00	0.49	
142.00	2.67	
143.00	18.60	
144.00	0.25	
145.00	0.56	
146.00	0.21	
147.00	1.62	
148.00	3.86	
149.00	3.84	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.40	
151.00	0.60	
152.00	0.21	
153.00	16.10	
154.00	18.00	
155.00	22.20	
156.00	16.60	
157.00	0.47	
158.00	0.34	
159.00	2.48	
160.00	12.60	
161.00	0.32	
162.00	0.69	
163.00	15.10	
164.00	15.10	
165.00	17.40	
166.00	18.40	
167.00	19.30	
168.00	19.00	
169.00	1.13	
170.00	24.50	
171.00	11.80	
172.00	0.51	
173.00	0.60	
174.00	1.13	
175.00	0.47	
176.00	15.80	
177.00	11.70	
178.00	2.90	
179.00	9.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	12.40	
181.00	0.73	
182.00	23.40	
183.00	18.00	
184.00	13.10	
185.00	4.99	
186.00	19.20	
187.00	16.90	
188.00	4.28	
189.00	7.22	
190.00	0.62	
191.00	21.20	
192.00	20.60	
193.00	14.00	EOH

KLAZA

Hole: DDH-KL-12-92 **Date:** August 04, 2012

Box #	From (m)	To (m)
1	0.00	9.81
2	9.81	14.91
3	14.91	20.42
4	20.42	25.92
5	25.92	31.51
6	31.51	37.07
7	37.07	42.38
8	42.38	47.85
9	47.85	53.28
10	53.28	59.17
11	59.17	64.63
12	64.63	70.31
13	70.31	75.72
14	75.72	81.45
15	81.45	87.19
16	87.19	92.90
17	92.90	98.43
18	98.43	103.60
19	103.60	108.81
20	108.81	114.54
21	114.54	119.94
22	119.94	125.38
23	125.38	131.09
24	131.09	136.65
25	136.65	142.09
26	142.09	147.56
27	147.56	153.00
28	153.00	158.12
29	158.12	163.53

KLAZA

30	163.53	168.78
31	168.78	173.90
32	173.90	179.37
33	179.37	184.54
34	184.54	189.65
35	189.65	193.24
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382990.88	6889277.4	1448.661	235.31

SECTION:

HOLE: DDH-KL-12-93

CLAIM: YC379970

Contractor: Swift Sure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 12, 2012

Geology logged by: D.Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.45	7.45	OVB	Overburden
7.45	12.19	4.74	GRD	Oxidized granodiorite and clay gouge.
12.19	36.85	24.66	GRD	Silicified and propyllitic altered granodiorite.
36.85	37.67	0.82	VEN	Quartz breccia hosting semi-massive pyrite and goug
37.67	47.50	9.83	GRD	Silicified and propyllitic altered granodiorite.
47.50	81.38	33.88	GRD	Granodiorite
81.38	93.63	12.25	GRD	Phyllic granodiorite hosting quartz/pyrite veins.
93.63	119.08	25.45	GRD	Alternating propylitic, argillic and phyllic alterations.
119.08	136.74	17.66	FEL	Grey quartz feldspar porphyry dyke.
136.74	146.52	9.78	GRD	Argillic altered granodiorite with a potassic overprint.
146.52	150.74	4.22	FEL	Grey to dark grey quartz feldspar porphyry dyke.
150.74	178.44	27.70	GRD	Propyllitic altered granodiorite with phyllic patches.
178.44	195.45	17.01	GRD	Argillic altered granodiorite with a potassic overprint.
195.45	204.74	9.29	GRD	Phylllic granodiorite hosting quartz/pyrite veins.
204.74	218.92	14.18	FEL	Grey/green quartz feldspar porphyry dyke.
218.92	220.77	1.85	GRD	Phyllic granodiorite hosting smokey quartz veins.
220.77	235.31	14.54	GRD	Argillic and potassic altered granodiorite.

SAMPLES

Numbers: N813740-N813886

Total: 147

Batch: 1-5

Date Sent:

Certificate:

COMMENTS

EOH=235.31

KLAZA

Hole: DDH-KL-12-93 **Logger Name:** D.Walsh **Date: July 30, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	7.45	7.45					OVB														Overburden hosting an abundance of granodiorite clasts.
7.45	12.19	4.74				mKgW	GRD	MG		GY		3I									Oxidized rubbly granodiorite intermixed with oxidized clay gouge.
										OR											
12.19	17.37	5.18				mKgW	GRD	MG		WH		3-4I		ARG	3I	<1					Argillic altered granodiorite with patches if weak propyllitic alteration. The interval is moderately oxidized and hosts a few pyrite stringers.
									DK	GN				PRO	2I						
										OR											
			13.94	14.80	0.86	mKgW	GRD	MG	DK	GY		3I									Dark grey unaltered granodiorite that has been moderately oxidized along fracture surfaces.
17.37	47.50	30.13				mKgW	GRD	MG	DK	GN			2-3I	PRO	2I						Weakly propyllitic and weak to moderately silicified granodiorite. The upper portion of the interval is rubbly and partially clay altered
			18.27	18.62	0.35	mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic altered granodiorite carbonate/pyrite v veinlets.
										GY											
			21.90	22.20	0.30	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite.
										GY											
			24.94	25.26	0.32	mKgW	GRD	MG		GN	EN			PHC	3-4I						Moderately-strong phyllic envelope around a quartz/carbonate vein.
			29.90	30.68	0.78	mKgW	GRD	MG		GN			3I	PHC	3I						Moderately silicified and phyllic altered granodiorite.
										GY											
			33.34	33.55	0.21	mKgW	GRD	MG		GN			3I	PHC	3I	<1					Moderately silicified and phyllic envelope hosting disseminated pyrite. The envelope
										GY											
			34.75	34.93	0.18	mKgW	GRD	MG		WH				ARG	4I						Strongly argillic altered granodiorite with a weak propyllitic overprint.
									DK	GN				PRO	2I						
			36.39	38.71	2.32	mKgW	GRD	MG		WH				ARG	3-4I	2.00					Moderate to strongly argillic altered granodiorite with a weak propyllitic overprint and
									DK	GN	PA			PRO	2-3I						
			41.44	42.52	1.08	mKgW	GRD	MG		WH		3I		ARG	3I	2.00					Moderately oxidized and moderately argillic altered granodiorite hosting an abundance (8) quartz pyrite veinlets.
										OR											
47.50	81.38	33.88				mKgW	GRD	MG		GY											Primarily unaltered granodiorite with patches of trace to moderate propyllitic alteration.
									DK	GN	PA			PRO	1-3I						
			49.13	49.40	0.27	mKgW	GRD	MG		WH		3I		ARG	3I						Moderately oxidized and moderately argillic altered granodiorite with a moderate propyllitic overprint.
									DK	GN				PRO	3I						
										OR											
			62.84	64.69	1.85	mKgW	GRD	MG		GN				PHC	1-3I						Trace to moderately phyllic altered granodiorite hosting nine quartz/pyrite veinlets.
										GY											
			72.29	72.78	0.49	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Moderate to strong phyllic envelope around two quartz/pyrite veins.
			75.29	78.33	3.04	mKgW	GRD	MG	DK	GN				PRO	2-3I	1.00					Weak to moderately propyllitic altered granodiorite hosting disseminated pyrite and a few chlorite stringers.
										GY											
81.38	93.63	12.25				mKgW	GRD	MG	LT	GN				PHC	3-4I	<1					Moderately phyllic altered granodiorite. Strong phyllic envelopes surround quartz/sulphide veins and are moderately silicified. The interval hosts trace amounts of disseminated pyrite and contains multiple patches of moderate propyllitic overprint.
										GY			3I								
									DK	GN	PA			PRO	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			85.23	89.70	4.47	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered with a few patches of moderate argillic alteration.
										WH	PA			ARG	3I						
93.63	107.90	14.27				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
										GY											
			94.00	94.32	0.32	mKgW	GRD	MG		WH				ARG	4I						Strongly argillic altered granodiorite with a weak propyllitic overprint.
									DK	GN				PRO	2I						
			96.36	97.22	0.86	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint.
									LT	GN				PHC	2I						
			99.16	103.70	4.54	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderately silicified and moderate to strongly propyllitic altered granodiorite.
										GY			3I								
107.90	109.93	2.03				mKgW	GRD	MG	LT	GN				PHC	3I	10.00					Moderately phyllic and moderately silicified granodiorite hosting an ab abundance of quartz sulphide mineralization in the center of the interval.
										GY			3I								
109.93	118.09	8.16				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and propyllitic altered granodiorite
										GY			3I								
			112.50	114.54	2.04	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	3I						
									DK	GN	PA			PRO	3I						
118.09	119.08	0.99				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	3I						
									DK	GN	PA			PRO	3I						
119.08	136.74	17.66				LKqP	FEL			GY											Grey quartz feldspar porphyry dyke. Dyke contains an abundance of fractures in filled with clay gouge.
			129.16	129.26	0.10	mKgW	GRD	MG		GY		2I	2I								Weakly silicified granodiorite that has been weakly oxidized.
										BN											
136.74	146.52	9.78				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint and small patches of moderate propyllitic alteration. There are moderate to strong phyllic envelopes surrounding quartz sulphide veins. Argillic alteration has a weak phyllic overprint.
									LT	GN	EN			PHC	3-4I						
									DK	GN	PA			PRO	3I						
										PK				POT	2I						
			138.72	140.08	1.36	mKgW	GRD	MG	LT	GN	EN			PHC	3I	1.00					Moderate phyllic envelope around a smokey quartz breccia vein.
			142.55	143.04	0.49	mKgW	GRD	MG	LT	GN	EN			PHC	3I	1.00					Moderate phyllic envelope around a 2cm pyrite vein.
			144.02	144.96	0.94	mKgW	GRD	MG	LT	GN	EN		3I	PHC	3I						Moderate phyllic envelope around three pyrite veinlets that has been moderately silicified.
146.52	150.74	4.22				LKqP	FEL			GY											Grey to dark grey quartz feldspar porphyry dyke.
									DK	GY											
150.74	178.44	27.70				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite with large patches of weak to moderate phyllic alteration.
										GY											
									LT	GN				PHC	2-3I						
			154.78	157.74	2.96	mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderately phyllic altered granodiorite.
			158.68	161.98	3.30	mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderately phyllic altered granodiorite hosting quartz pyrite veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			167.22	171.85	4.63	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with weak to moderate phyllic overprint and weak potassic overprint.
									LT	GN				PHC	2-3I						
										PK				POT	2I						
			173.50	174.42	0.92	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with weak to moderate phyllic overprint and weak potassic overprint.
									LT	GN				PHC	2-3I						
										PK				POT	2I						
			175.50	175.55	0.05	mKgW	GRD	MG	DK	GN			4I	PRO	3I						Strongly silicified and moderately propyllitic altered granodiorite.
										GY											
178.44	195.45	17.01				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic granodiorite with weak to moderate phyllic and potassic overprinting. The interval also hosts patches of moderate phyllic alteration and moderate propyllitic alteration.
										PK				POT	2-3I						
									LT	GN				PHC	2-3I						
			179.80	181.49	1.69	mKgW	GRD	MG	DK	GN			3I	PRO	3I						Moderately silicified and propyllitic altered granodiorite.
										GY											
			185.48	186.70	1.22	mKgW	GRD	MG	DK	GN			3I	PRO	3I						Moderately silicified and propyllitic altered granodiorite.
										GY											
			186.70	190.00	3.30	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite hosting an abundance of quartz pyrite veinlets. The granodiorite is moderately silicified around the veinlets.
										GY	PA		3I								
			190.00	191.61	1.61	mKgW	GRD	MG	DK	GN			3I	PRO	3I						Moderately propyllitic altered granodiorite.
										GY											
195.45	204.74	9.29				mKgW	GRD	MG	LT	GN				PHC	3I	<1					Moderately phyllic altered granodiorite with patches of moderate argillic alteration with weak to moderate phyllic alteration. The interval hosts multiple quartz sulphide veins and disseminated pyrite.
										WH				ARG	3I						
204.74	218.92	14.18				LKqP	FEL			GY											Grey green quartz feldspar porphyry dyke with alternating patches of large and small phenocrysts and varying from light to dark green. Hosts multiple quartz pyrite veins and veinlets.
										GN											
218.92	220.77	1.85				mKgW	GRD	MG		GN			3I	PHC	3I						Moderately phyllic altered granodiorite that has been moderately silicified, hosting smokey quartz veins and veinlets.
220.77	225.72	4.95				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak to moderate phyllic overprinting. Hosts multiple gouge zones.
									LT	GN				PHC	2-3I						
225.72	235.31	9.59				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately silica flooded propyllitic alteration. Hosts large patches of silica flooding.
										GY	PA										
																					EOH

KLAZA

Hole: DDH-KL-12-93 Logger Name: D.Walsh

Depth (m)		DESCRIPTION
119.08		Sharp contact between argillic altered granodiorite and grey quartz feldspar porphyry dyke.
136.74		Sharp contact between argillic altered granodiorite and grey quartz feldspar porphyry dyke.
146.52		Sharp contact between phyllic altered granodiorite and grey quartz feldspar porphyry dyke.
150.74		Sharp contact between propyllitic altered granodiorite and grey quartz feldspar porphyry dyke.
204.74		Sharp contact between phyllic altered granodiorite and grey quartz feldspar porphyry dyke.
218.92		Sharp contact between phyllic altered granodiorite and grey quartz feldspar porphyry dyke.
		EOH

KLAZA

Hole: DDH-KL-12-93 **Logger Name:** D.Walsh **Date:** July 30, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	18.49	18.50	83.00			Py	10.00	White carbonate vein (0.4cm) hosting disseminated pyrite.	
GO	20.98	21.32						Broken up grey gouge vein.	
DK	23.38	23.39	40.00					Pink and purple aplite dyke.	
VN	24.92	24.94	85.00			Py	5.00	Grey quartz and white carbonate vein hosting disseminated pyrite and paralleled by two pyrite stringers.	
VN	30.75	30.77	20.00			Py	40.00	Blebby pyrite and chlorite vein.	
						Cl	60.00		
VN	33.45	33.46	89.00			Py	50.00	Milky white quartz and blebby pyrite vein.	
BX	36.85	37.67				Py	5.00	Silicified grey to black breccia hosting disseminated to semi-massive pyrite. The breccia transitions into partially to fully gouge altered grey and white breccia hosting disseminated pyrite.	
VT	41.45	42.48	65.00		8.00			Eight milky white to grey quartz veinlets hosting disseminated to blebby pyrite.	
DK	44.93	44.06	25.00					Pink aplite dyke.	
DK	46.80	46.96	45.00					Pink aplite dyke.	
VN	47.08	47.09	75.00			Py	2.00	0.6cm smokey quartz veinlet bounded on either side by a white 0.2cm carbonate veinlet hosting disseminated pyrite.	
DK	47.13	47.39	45.00					Pink aplite dyke.	
VT	62.85	63.90			9.00	Py	1.00	Nine grey quartz veinlets hosting disseminated pyrite.	
VN	64.65	64.67	70.00			Py	<1	Smokey quartz vein hosting trace amounts of disseminated pyrite.	
VN	72.38	72.50	80.00		2.00			Two 1cm grey quartz veins hosting disseminated to blebby pyrite	
VT	81.59	82.78			10.00			Ten 0.2 to 0.6cm grey quartz veinlets hosting disseminated pyrite.	
VN	84.20	84.25	60.00			Py	40.00	Smokey quartz vein hosting disseminated to blebby calcite and minor amounts of white carbonate.	
VN	85.06	85.10	70.00			Py	50.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite and disseminated galena.	
						Gn	8.00		
GO	89.36	89.38	65.00			Py	<1	White gouge vein hosting trace amounts of disseminated pyrite.	
VN	90.18	90.26	60.00			Py	5.00	Dark grey quartz vein hosting blebby pyrite and chlorite. Quartz vein is cross-cut by light orange 1cm carbonate vein.	
						Ch	8.00		
GO	90.44	90.45	60.00			Py	1.00	White gouge vein hosting trace amounts of disseminated pyrite.	
VN	91.08	91.09	70.00			Py	90.00	Grey quartz and massive pyrite vein.	
VN	91.38	91.47	70.00			Py	40.00	Dark grey quartz vein hosting blebby pyrite and chlorite. Quartz vein is cross-cut by light orange 1cm carbonate vein.	
						Ch	10.00		
VN	92.09	92.12	70.00			Py	1.00	Grey quartz and white carbonate vein hosting trace amounts of disseminated pyrite.	
VN	92.70	92.74	75.00			Py	1.00	Smokey quartz and white carbonate vein hosting trace amounts of disseminated pyrite.	
VN	93.14	93.16	50.00			Py	5.00	White gouge vein hosting disseminated pyrite.	
VN	95.58	95.60	80.00			Py	<1	Grey quartz vein hosting disseminated pyrite and haematite.	
						He	1.00		
VT	101.90	104.05			11.00	Py	80.00	Eleven pyrite veinlets ranging from 0.2 to 0.9 cm.	
VN	108.86	109.43				Py	30.00	Grey to smokey quartz vein hosting disseminated to massive pyrite. The upper 1/3 host two 2cm light tan ankerite veins and multiple black sulphide stringers. Pyrite abundance increases with depth until it forms a 12cm massive pyrite vein.	
VT	111.35	111.36	65.00			Py	100.00	Pyrite veinlet.	
VN	112.28	112.30	50.00			Py	80.00	White carbonate and blebby pyrite vein.	
VT	114.38	114.39				Py	5.00	0.8cm white carbonate and grey quartz veinlet hosting disseminated pyrite.	
GO	130.23	131.63	30.00					Brown and orange gouge zone with a 1mm to 1cm clasts of quartz feldspar porphyry dyke.	
VT	138.76	138.77	85.00			Py	10.00	0.8cm white carbonate and grey quartz veinlet hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	139.23	139.38	80.00			Py	5.00	Minorly brecciated grey to smokey quartz vein hosting disseminated pyrite and minor amounts of white carbonate veining	
VN	139.45	139.46	60.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite and chlorite.	
						Ch	20.00		
VN	142.75	142.77	70.00			Py	95.00	Grey quartz vein hosting semi-massive pyrite.	
VT	142.81	142.82	60.00			Py	100.00	0.8cm pyrite veinlets.	
GO	144.16	144.17	75.00			Py	7.00	Black sulphide and white gouge vein hosting blebby pyrite.	
VN	144.22	144.24	85.00			Py	30.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	144.75	144.79	70.00		2.00	Py	100.00	Two 1cm pyrite veins.	
VT	145.89	145.90	40.00			Py	100.00	0.8cm pyrite veinlets.	
VT	146.06	146.09	75.00		2.00	Py	100.00	Two pyrite veinlets.	
GO	154.13	154.16	45.00					Grey gouge vein.	
GO	156.80	156.84	20.00					Grey gouge vein.	
VT	159.73	159.77	85.00		2.00	Py	100.00	Two 0.5cm pyrite veinlets.	
VT	161.12	161.22	73.00		2.00	Py	100.00	Two 0.5cm pyrite veinlets.	
DK	172.25	172.26	55.00					Grey/brown aplite dyke.	
VT	173.46	174.62			5.00	Py	50.00	Five 0.2cm grey quartz pyrite veinlets.	
VN	177.50	177.51	40.00			Py	60.00	Grey quartz and blebby pyrite vein.	
VN	187.40	187.43	60.00			Py	1.00	White carbonate vein hosting disseminated pyrite.	
VT	187.74	187.84	55.00		2.00	Py	45.00	Two smokey quartz veinlets hosting disseminated pyrite and arsenopyrite.	
						As	45.00		
VN	188.04	188.06	60.00			Py	1.00	Smokey quartz vein hosting disseminated pyrite.	
GO	188.18	188.19	70.00			Py	40.00	White gouge vein hosting blebby pyrite.	
GO	191.80	192.06	50.00					Grey gouge vein.	
VN	195.72	195.73	40.00			Py	30.00	Grey quartz vein hosting blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
GO	195.96	195.97	30.00					Black gouge veinlet hosting disseminated pyrite.	
VN	196.33	196.36	40.00			Py	5.00	Smokey quartz and white carbonate vein hosting disseminated pyrite and arsenopyrite.	
						As	2.00		
VT	198.80	198.84	55.00		3.00	Py	100.00	Three 0.3cm pyrite veinlets.	
VT	200.71	200.72	20.00			Py	100.00	0.2cm pyrite veinlet.	
VN	200.90	200.97	60.00			Py	10.00	Grey to smokey quartz veins hosting disseminated pyrite and carbonate blebs.	
GO	201.43	201.55	65.00					Grey gouge veins.	
VN	201.77	201.87	65.00					Grey gouge veins.	
VN	203.51	203.52	40.00			Py	40.00	Grey quartz vein hosting blebby pyrite.	
VT	205.77	205.78	50.00			Py	25.00	Grey quartz veinlet (0.7cm) hosting disseminated pyrite.	
VT	206.29	206.30	50.00			Py	15.00	Grey quartz vein hosting disseminated pyrite.	
VN	207.10	207.12	50.00			Py	1.00	White carbonate vein hosting disseminated pyrite.	
VN	207.62	207.65	80.00			Py	80.00	White carbonate vein hosting massive pyrite and disseminated galena and sphalerite.	
						Gn	1.00		
						Sp	1.00		
VT	208.04	208.05	50.00			Py	10.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite.	
BX	209.89	209.90	60.00			Py	3.00	0.6cm black breccia veinlet hosting disseminated pyrite.	
BX	219.18	219.23	60.00			Py	1.00	Smokey quartz and white carbonate breccia hosting disseminated pyrite.	
VT	219.24	219.31	60.00		3.00	Py	1.00	Smokey quartz and black sulphide vein zone hosting disseminated pyrite.	
GO	221.36	221.86						Grey gouge zone.	
VT	222.64	222.65	55.00			Py	100.00	0.6cm pyrite veinlet.	
GO	224.92	225.30						Grey gouge zone.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	226.30	226.55						Grey gouge zone.	
VN	234.84	234.86	75.00			Py	40.00	Grey quartz vein hosting blebby pyrite and disseminated sphalerite.	
						Sp	2.00		
								EOH	

KLAZA

Hole: DDH-KL-12-93 **Date:** 30-Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
15.57	9.9	5.2	482.9	286.2	GRD		ARG	3I			2.296812	2.455008	Moderately argillic altered granodiorite that has been moderately oxidized.
							OXI	3I					
25.01	9.9	5.2	501.7	314.2	GRD		PHC	4I	Py	<1	2.38623	2.675733	Strongly phyllic altered granodiorite hosting trace amounts of disseminated pyrite.
26.58	9.6	5.2	511.3	324.1	GRD						2.507887	2.731303	Unaltered granodiorite.
33.37	10.4	5.2	590.9	387.2	GRD		PHC	3I	Py	8	2.675371	2.900835	Moderately silicified and moderately phyllic altered granodiorite hosting an unmineralized smokey quartz veinlet (0.8cm) and a grey quartz vein (0.1cm) hosting blebby pyrite (50%).
							SIL	3I					
81.93	9.6	5.2	508.2	318.6	GRD		ARG	3I			2.492682	2.68038	Moderately argillic altered granodiorite with a moderate phyllic overprint.
							PHC	3I					
91.21	9.3	5.2	535.1	347.3	GRD		PHC	3I	Py	2	2.70929	2.849308	Moderately phyllic and moderately silicified hosting trace amounts of pyrite.
							SIL	3I					
102.37	9.4	5.2	520.5	330.1	GRD		PRO	2I	Py	1	2.607332	2.733718	Weakly propyllitic and strongly silicified altered granodiorite hosting trace amounts of disseminated pyrite.
							SIL	4I					
108.14	9.4	5.2	521.3	333.2	GRD		PHC	3I	Py	<1	2.611339	2.771398	Moderately silicified and phyllic altered granodiorite hosting trace amounts of pyrite.
							SIL	3I					
111.45	9.7	5.2	530.1	334.1	GRD		PRO	2I			2.573295	2.704592	Weakly propyllitic and moderately silicified granodiorite.
							SIL	3I					
114.02	10.1	5.2	533	330.1	GRD		ARG	3I			2.484902	2.62691	Moderately argillic altered granodiorite with a weak potassic overprint.
							POT	2I					
119.64	9.9	5.2	526	326.2	FEL						2.501808	2.632633	Grey quartz feldspar porphyry dyke.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration Type	Alteration Intensity	Minerals Type	Minerals Conc. %	Density	Specific Gravity	DESCRIPTION
146.03	9.8	5.2	527.4	374.5	GRD		PRO	3I	Py	5	2.534063	3.449313	Moderately propyllitic and moderately silicified granodiorite hosting two 0.5cm pyrite veinlets.
							SIL	3I					
150.35	9.9	5.2	536	337.7	FEL						2.549371	2.702975	Grey quartz feldspar porphyry dyke.
162.7	9.6	5.2	517.4	324.6	GRD		PRO	3I			2.537807	2.68361	Moderately propyllitic altered granodiorite.
													EOH

KLAZA

Hole: DDH-KL-12-93 **Date: July 30, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
7.45	12.19	4.74	1.35	28.5	N813740	1				Rubble/Gouge
12.19	13.49	1.30	1.30	100	N813741	1				
13.49	14.48	0.99	0.99	100	N813742	1				
14.48	16.37	1.89	1.10	58.2	N813743	1				
					N813744	1				Coarse Reject Duplicate
16.37	17.82	1.45	1.45	100	N813745	1				
17.82	18.82	1.00	0.95	95	N813746	1				
18.82	20.60	1.78	1.70	95.5	N813747	1				
20.60	21.60	1.00	0.90	90	N813748	1				
					N813749	1				Blank
21.60	22.60	1.00	1.00	100	N813750	1				
22.60	24.26	1.66	1.66	100	N813751	1				
24.26	25.26	1.00	1.00	100	N813752	1				
25.26	28.12	2.86	2.86	100	N813753	1				
28.12	29.76	1.64	1.57	95.7	N813754	1				
29.76	30.76	1.00	1.00	100	N813755	1				
					N813756	1				Klaza Standard-1
30.76	32.60	1.84	1.80	97.8	N813757	1				
32.60	33.60	1.00	1.00	100	N813758	1				
33.60	36.79	3.19	3.10	97.2	N813759	1				
36.79	37.90	1.11	1.06	95.5	N813760	1				
					N813761	1				Blank
37.90	41.46	3.56	3.07	86.2	N813762	1				
41.46	42.52	1.06	1.06	100	N813763	1				
42.52	44.84	2.32	2.10	90.5	N813764	1				
44.84	47.18	2.34	2.34	100	N813765	1				
47.18	49.10	1.92	1.83	95.3	N813766	1				
					N813767	1				Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
49.10	50.90	1.80	1.80	100	N813768	1				
50.90	53.95	3.05	2.97	97.4	N813769	1				
53.95	54.95	1.00	1.00	100	N813770	1				
					N813771	1				Klaza Standard-3
54.95	57.00	2.05	2.02	98.5	N813772	1				
57.00	60.05	3.05	3.00	98.4	N813773	1				
60.05	62.86	2.81	2.81	100	N813774	1				
62.86	63.86	1.00	1.00	100	N813775	1				
63.86	64.86	1.00	1.00	100	N813776	2				
64.86	66.14	1.28	1.28	100	N813777	2				
66.14	69.19	3.05	3.02	99	N813778	2				
69.19	72.24	3.05	2.84	93.1	N813779	2				
72.24	73.24	1.00	1.00	100	N813780	2				
					N813781	2				Coarse Reject Duplicate
73.24	75.81	2.57	2.56	99.6	N813782	2				
75.81	78.12	2.31	2.30	99.6	N813783	2				
78.12	80.57	2.45	2.09	85.3	N813784	2				
					N813785	2				Duplicate
80.57	81.58	1.01	1.01	100	N813786	2				
81.58	82.65	1.07	1.00	93.5	N813787	2				
82.65	84.17	1.52	1.50	98.7	N813788	2				
84.17	85.17	1.00	1.00	100	N813789	2				
					N813790	2				Blank
85.17	87.68	2.51	2.30	91.6	N813791	2				
87.68	90.17	2.49	2.49	100	N813792	2				
90.17	91.51	1.34	1.34	100	N813793	2				
91.51	92.59	1.08	1.06	98.1	N813794	2				
92.59	93.59	1.00	1.00	100	N813795	2				
93.59	95.53	1.94	1.91	98.5	N813796	2				
95.53	96.80	1.27	1.27	100	N813797	2				
96.80	99.17	2.37	2.37	100	N813798	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
99.17	100.40	1.23	1.23	100	N813799	2				
100.40	101.91	1.51	1.50	99.3	N813800	2				
101.91	103.57	1.66	1.66	100	N813801	2				
103.57	106.40	2.83	2.81	99.3	N813802	2				
					N813803	2				Klaza Standard-1
106.40	107.61	1.21	1.21	100	N813804	2				
107.61	108.70	1.09	1.09	100	N813805	2				
108.70	109.70	1.00	1.00	100	N813806	2				
					N813807	2				Blank
109.70	110.70	1.00	1.00	100	N813808	2				
					N813809	2				Klaza Srandard-3
110.70	112.53	1.83	1.83	100	N813810	2				
112.53	114.56	2.03	2.03	100	N813811	2				
114.56	117.30	2.74	2.65	96.7	N813812	3				
117.30	119.01	1.71	1.69	98.8	N813813	3				
					N813814	3				Coarse Reject Duplicate
119.01	121.01	2.00	2.00	100	N813815	3				
121.01	124.05	3.04	2.94	96.7	N813816	3				
124.05	127.10	3.05	2.80	91.8	N813817	3				
127.10	130.15	3.05	3.05	100	N813818	3				
130.15	132.33	2.18	2.18	100	N813819	3				
132.33	134.96	2.63	2.63	100	N813820	3				
134.96	136.71	1.75	1.75	100	N813821	3				
					N813822	3				Klaza Standard-2
136.71	138.73	2.02	2.02	100	N813823	3				
138.73	139.75	1.02	1.00	98	N813824	3				
					N813825	3				Blank
139.75	141.94	2.19	2.19	100	N813826	3				
141.94	142.94	1.00	1.00	100	N813827	3				
142.94	143.94	1.00	1.00	100	N813828	3				
					N813829	3				Duplicate
143.94	144.97	1.03	1.03	100	N813830	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
144.97	146.53	1.56	1.56	100	N813831	3				
146.53	148.42	1.89	1.89	100	N813832	3				
148.42	150.65	2.23	2.23	100	N813833	3				
150.65	152.87	2.22	2.14	96.4	N813834	3				
					N813835	3				Klaza Standard-3
152.87	154.83	1.96	1.75	89.3	N813836	3				
154.83	156.15	1.32	1.29	97.7	N813837	3				
156.15	157.15	1.00	1.00	100	N813838	3				
157.15	158.73	1.58	1.58	100	N813839	3				
158.73	159.73	1.00	1.00	100	N813840	3				
159.73	160.99	1.26	1.26	100	N813841	3				
					N813842	3				Blank
160.99	162.54	1.55	1.50	96.8	N813843	3				
162.54	163.68	1.14	1.14	100	N813844	3				
163.68	166.73	3.05	3.02	99	N813845	3				
166.73	169.32	2.59	2.56	98.8	N813846	3				
169.32	171.85	2.53	2.53	100	N813847	3				
171.85	173.49	1.64	1.64	100	N813848	4				
173.49	175.49	2.00	1.96	98	N813849	4				
175.49	177.60	2.11	2.08	98.6	N813850	4				
177.60	178.60	1.00	1.00	100	N813851	4				
178.60	179.79	1.19	1.19	100	N813852	4				
					N813853	4				Duplicate
179.79	181.53	1.74	1.74	100	N813854	4				
181.53	184.42	2.89	2.89	100	N813855	4				
					N813856	4				Klaza Standard-2
184.42	185.50	1.08	1.08	100	N813857	4				
185.50	187.07	1.57	1.57	100	N813858	4				
187.07	188.46	1.39	1.39	100	N813859	4				
					N813860	4				Blank
188.46	189.60	1.14	1.14	100	N813861	4				
189.60	191.56	1.96	1.94	99	N813862	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
191.56	192.56	1.00	1.00	100	N813863	4				
192.56	195.56	3.00	3.00	100	N813864	4				
195.56	196.77	1.21	1.21	100	N813865	4				
					N813866	4				Klaza Standard-2
196.77	197.79	1.02	1.02	100	N813867	4				
197.79	200.65	2.86	2.86	100	N813868	4				
200.65	201.92	1.27	1.27	100	N813869	4				
					N813870	4				Blank
201.92	204.77	2.85	2.76	96.8	N813871	4				
204.77	207.08	2.31	2.31	100	N813872	4				
207.08	208.10	1.02	1.02	100	N813873	4				
208.10	210.56	2.46	2.46	100	N813874	4				
210.56	212.83	2.27	2.27	100	N813875	4				
212.83	215.49	2.66	2.45	92.1	N813876	4				
215.49	218.92	3.43	3.05	88.9	N813877	4				
218.92	220.34	1.42	1.42	100	N813878	4				
220.34	223.08	2.74	2.54	92.7	N813879	4				
					N813880	4				Coarse Reject Duplicate
223.08	225.34	2.26	2.26	100	N813881	4				
225.34	227.46	2.12	2.12	100	N813882	4				
227.46	229.67	2.21	2.21	100	N813883	4				
229.67	231.10	1.43	1.43	100	N813884	5				
231.10	232.50	1.40	1.40	100	N813885	5				
232.50	235.31	2.81	2.70	96.1	N813886	5				EOH

KLAZA

Hole: DDH-KL-12-93 **Tech Name: Jamie Godfrey** **Date: July 26, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	0.35	11	0.00	0		0	0S	5W	
3.05	5.49	2.44	0.50	20	0.00	0		0	0S	5W	
5.49	7.32	1.83	0.80	44	0.00	0		0	0S	5W	
7.32	9.14	1.82	0.58	32	0.00	0		0	0S	5W	
9.14	10.36	1.22	0.56	46	0.00	0		0	0S	5W	
10.36	12.19	1.83	0.52	28	0.00	0		0	0S	5W	
12.19	14.33	2.14	1.58	74	0.52	24		2	3S	3W	
14.33	17.37	3.04	2.82	93	1.90	63		2	3S	3W	
17.37	20.42	3.05	2.72	89	0.40	13		1	0S	3W	
20.42	23.47	3.05	3.05	100	0.79	26		1	0S	3W	
23.47	26.52	3.05	3.05	100	2.31	76		2	3S	2W	
26.52	29.57	3.05	2.93	96	1.25	41		2	3S	2W	
29.57	32.61	3.04	2.93	96	2.46	81		2	3S	2W	
32.61	35.66	3.05	2.85	93	1.47	48		2	2S	2W	
35.66	38.71	3.05	2.99	98	0.51	17		1	0S	3W	
38.71	41.76	3.05	2.63	86	0.96	31		1	1S	2W	
41.76	44.81	3.05	2.83	93	1.25	41		1	2S	3W	
44.81	47.85	3.04	2.83	93	2.00	66		2	3S	2W	
47.85	50.90	3.05	2.81	92	1.93	63		1	2S	3W	
50.90	53.95	3.05	2.82	92	1.85	61		2	2S	2W	
53.95	57.00	3.05	2.88	94	2.30	75		2	3S	1W	
57.00	60.05	3.05	2.96	97	1.42	47		2	3S	1W	
60.05	63.09	3.04	2.92	96	2.42	80		2	3S	1W	
63.09	66.14	3.05	2.94	96	2.20	72		2	3S	2W	
66.14	69.19	3.05	3.00	98	2.20	72		2	3S	2W	
69.19	72.24	3.05	2.65	87	1.25	41		2	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	2.86	94	1.64	54		2	3S	3W	
75.29	78.33	3.04	2.99	98	1.71	56		2	3S	2W	
78.33	81.38	3.05	2.88	94	0.96	31		1	1S	2W	
81.38	84.43	3.05	3.00	98	3.00	98		2	3S	1W	
84.43	87.48	3.05	2.84	93	1.92	63		1	3S	1W	
87.48	90.53	3.05	3.05	100	1.48	49		1	3S	1W	
90.53	93.57	3.04	3.00	99	0.97	32		2	3S	1W	
93.57	96.62	3.05	3.01	99	2.35	77		1	3S	1W	
96.62	99.67	3.05	3.05	100	2.52	83		2	3S	1W	
99.67	102.72	3.05	2.97	97	1.97	65		2	3S	1W	
102.72	105.77	3.05	3.03	99	2.80	92		2	3S	1W	
105.77	108.81	3.04	2.85	94	1.74	57		2	3S	1W	
108.81	111.86	3.05	3.05	100	1.87	61		2	3S	3W	
111.86	114.91	3.05	3.05	100	1.75	57		2	3S	3W	
114.91	117.96	3.05	2.95	97	0.62	20		1	4S	3W	
117.96	121.01	3.05	3.05	100	1.10	36		1	4S	3W	
121.01	124.05	3.04	2.98	98	0.86	28		1	3S	3W	
124.05	127.10	3.05	3.05	100	0.78	26		1	3S	3W	
127.10	130.15	3.05	2.70	89	0.28	9		1	3S	2W	
130.15	133.20	3.05	2.97	97	0.68	22		2	3S	2W	
133.20	136.25	3.05	2.84	93	1.35	44		2	3S	2W	
136.25	139.29	3.04	3.05	100	2.22	73		2	3S	1W	
139.29	142.34	3.05	2.95	97	2.26	74		2	3S	1W	
142.34	145.39	3.05	2.87	94	1.98	65		2	3S	2W	
145.39	148.44	3.05	2.80	92	2.21	72		2	5S	1W	
148.44	151.49	3.05	2.94	96	2.00	66		1	5S	2W	
151.49	154.53	3.04	2.66	88	1.29	42		1	3S	2W	
154.53	157.58	3.05	2.85	93	0.96	31		1	3S	1W	
157.58	160.63	3.05	2.85	93	1.43	47		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	2.93	96	2.02	66		2	3S	1W	
163.68	166.73	3.05	2.95	97	1.87	61		2	3S	1W	
166.73	169.77	3.04	2.98	98	2.50	82		2	0S	1W	
169.77	172.82	3.05	2.92	96	1.96	64		2	3S	1W	
172.82	175.87	3.05	3.03	99	2.14	70		2	3S	1W	
175.87	178.92	3.05	2.91	95	1.69	55		2	3S	1W	
178.92	181.97	3.05	2.87	94	1.44	47		1	0S	2W	
181.97	185.01	3.04	2.94	97	1.58	52		2	3S	1W	
185.01	188.06	3.05	2.80	92	1.21	40		2	3S	1W	
188.06	191.12	3.06	3.03	99	1.93	63		2	2S	1W	
191.12	194.16	3.04	2.90	95	1.08	36		1	0S	1W	
194.16	197.21	3.05	2.77	91	1.22	40		1	3S	1W	
197.21	200.25	3.04	2.90	95	2.06	68		1	3S	1W	
200.25	203.30	3.05	2.86	94	1.36	45		1	0S	1W	
203.30	206.35	3.05	2.91	95	1.23	40		2	3S	1W	
206.35	209.40	3.05	2.97	97	1.95	64		2	3S	1W	
209.40	212.45	3.05	3.05	100	2.07	68		2	3S	1W	
212.45	215.49	3.04	2.90	95	0.70	23		1	2S	1W	
215.49	218.54	3.05	2.80	92	0.32	10		1	1S	1W	
218.54	221.59	3.05	3.03	99	1.20	39		1	1S	1W	
221.59	224.64	3.05	2.86	94	1.00	33		1	0S	1W	
224.64	227.69	3.05	3.01	99	1.50	49		1	0S	1W	
227.69	230.73	3.04	3.02	99	1.87	62		2	3S	1W	
230.73	233.78	3.05	2.86	94	1.35	44		2	3S	1W	
233.78	235.31	1.53	1.50	98	0.36	24		1	3S	1W	
EOH											

KLAZA

Hole: DDH-KL-12-93 **Tech Name:** Jamie Godfrey **Date:** Ju **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05	3.05							Rubble
3.05	5.49	2.44							Rubble
5.49	7.32	1.83							Rubble
7.32	9.14	1.82							Rubble
9.14	10.36	1.22							Rubble
10.36	12.19	1.83							Rubble
12.19	14.33	2.14	40.00	0.30	0.00	2.00	3R	3W	
14.33	17.37	3.04	45.00	0.40	1.00	2.00	2R	3W	
17.37	20.42	3.05							
20.42	23.47	3.05	60.00	0.15	0.00	2.00	3R	3W	
23.47	26.52	3.05	80.00	0.20	0.00	1.00	3R	2W	
26.52	29.57	3.05							No sets
29.57	32.61	3.04	45.00	0.60	0.00	2.00	2R	2W	
32.61	35.66	3.05	50.00	0.40	0.00	2.00	2R	2W	
35.66	38.71	3.05	50.00	0.40	0.00	2.00	2R	2W	
38.71	41.76	3.05	60.00	0.20	0.00	2.00	3R	2W	
41.76	44.81	3.05							No sets
44.81	47.85	3.04	30.00	0.50	1.00	2.00	3R	1W	
47.85	50.90	3.05	70.00	0.25	1.00	2.00	3R	2W	
50.90	53.95	3.05	45.00	0.80	0.00	2.00	3R	2W	
53.95	57.00	3.05	50.00	0.40	0.00	2.00	2R	1W	
57.00	60.05	3.05	50.00	0.20	0.00	2.00	2R	1W	Additional joint set: 75,0.4,0,2,2R,1W
60.05	63.09	3.04	70.00	0.30	0.00	2.00	2R	1W	Additional joint set: 45,0.4,1,2,2R,1W
63.09	66.14	3.05							No sets
66.14	69.19	3.05							No sets
69.19	72.24	3.05							No sets
72.24	75.29	3.05	60.00	0.40	1.00	2.00	3R	2W	Additional joint set: 45,0.2,0,2R,2W
75.29	78.33	3.04	50.00	0.10	0.00	2.00	3R	2W	
78.33	81.38	3.05							No sets

KLAZA

81.38	84.43	3.05	45.00	0.18	0.00	2.00	3R	1W	
84.43	87.48	3.05	70.00	1.00	0.00	1.00	2R	1W	Additional joint set: 45,1.00,0,2,2R,1W
87.48	90.53	3.05	50.00	0.50	0.00	1.00	3R	1W	
90.53	93.57	3.04	45.00	0.10	0.00	2.00	3R	1W	Additional joint set: 60,0.70,0,2,2R,1W
93.57	96.62	3.05							No sets
96.62	99.67	3.05							No sets
99.67	102.72	3.05							No sets
102.72	105.77	3.05	45.00	1.00	0.00	2.00	3R	1W	
105.77	108.81	3.04	45.00	0.30	0.00	2.00	3R	1W	
108.81	111.86	3.05	45.00	0.40	0.00	2.00	3R	2W	
111.86	114.91	3.05	35.00	0.20	4.00	2.00	3R	2W	
114.91	117.96	3.05	40.00	0.15	1.00	2.00	3R	2W	
117.96	121.01	3.05	30.00	1.00	1.00	1.00	2R	2W	
121.01	124.05	3.04							No sets
124.05	127.10	3.05							No sets
127.10	130.15	3.05							No sets
130.15	133.20	3.05							No sets
133.20	136.25	3.05	45.00	0.05	0.00	2.00	3R	2W	
136.25	139.29	3.04	55.00	0.10	1.00	2.00	2R	1W	Additional joint set: 70,1.00,0,2,3R,1W
139.29	142.34	3.05	45.00	0.60	1.00	2.00	3R	1W	Additional joint set: 75,0.08,1,2,3R,1W
142.34	145.39	3.05	65.00	0.30	0.00	2.00	3R	1W	Additional joint set: 45,0.10,1,2,3R,1W
145.39	148.44	3.05	50.00	0.20	2.00	2.00	3R	1W	
148.44	151.49	3.05	70.00	0.50	0.00	2.00	1R	1W	Additional joint set: 40,0.30,0,2,3R1W
151.49	154.53	3.04	45.00	0.50	0.00	2.00	3R	1W	
154.53	157.58	3.05	45.00	0.50	0.00	2.00	3R	1W	
157.58	160.63	3.05	75.00	0.20	1.00	2.00	2R	1W	Additional joint set: 45,0.30,0,2,2R,1W
160.63	163.68	3.05	50.00	0.70	0.00	2.00	2R	1W	
163.68	166.73	3.05							No sets
166.73	169.77	3.04	60.00	0.56	0.00	2.00	2R	1W	
169.77	172.82	3.05	75.00	0.55	0.00	2.00	2R	1W	
172.82	175.87	3.05	70.00	0.93	0.00	2.00	2R	1W	
175.87	178.92	3.05	60.00	0.12	0.00	2.00	2R	1W	Additional joint set: 50,0.22,0,2,2R,1W
178.92	181.97	3.05	60.00	0.70	0.00	2.00	2R	1W	
181.97	185.01	3.04	40.00	0.19	0.00	2.00	3R	1W	Additional joint set: 70,0.20,0,2,2R,1W
185.01	188.06	3.05	75.00	0.42	0.00	2.00	2R	1W	
188.06	191.12	3.06	70.00	1.33	0.00	2.00	2R	1W	
191.12	194.16	3.04							No sets
194.16	197.21	3.05	40.00	0.56	0.00	2.00	3R	1W	Additional joint set: 50,0.12,0,2,2R,1W
197.21	200.25	3.04	35.00	0.81	0.00	2.00	2R	1W	
200.25	203.30	3.05	70.00	1.11	0.00	2.00	2R	1W	

KLAZA

203.30	206.35	3.05							No sets
206.35	209.40	3.05							No sets
209.40	212.45	3.05	90.00	0.32	0.00	2.00	2R	1W	
212.45	215.49	3.04	50.00	0.18	0.00	2.00	2R	1W	
215.49	218.54	3.05	60.00	0.36	0.00	2.00	2R	1W	
218.54	221.59	3.05	70.00	0.58	0.00	2.00	2R	1W	
221.59	224.64	3.05							No sets
224.64	227.69	3.05	50.00	0.28	0.00	2.00	3R	1W	
227.69	230.73	3.04	60.00	0.60	0.00	2.00	2R	1W	
230.73	233.78	3.05	70.00	1.20	0.00	2.00	1R	1W	
233.78	235.31	1.53	50.00	0.10	0.00	2.00	3R	1W	
EOH									

KLAZA

Hole: DDH-KL-12-93 Date: July 26, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	N/A	OVB
2.00	N/A	OVB
3.00	N/A	OVB
4.00	N/A	OVB
5.00	N/A	OVB
6.00	N/A	OVB
7.00	N/A	OVB
8.00	N/A	OVB
9.00	N/A	OVB
10.00	N/A	OVB
11.00	N/A	OVB
12.00	N/A	OVB
13.00	0.40	
14.00	8.61	
15.00	0.09	
16.00	0.67	
17.00	0.31	
18.00	0.96	
19.00	1.86	
20.00	11.00	
21.00	0.49	
22.00	1.77	
23.00	18.40	
24.00	19.70	
25.00	0.49	
26.00	25.00	
27.00	33.30	
28.00	28.10	
29.00	3.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.86	
31.00	24.50	
32.00	25.20	
33.00	30.20	
34.00	31.00	
35.00	29.00	
36.00	0.98	
37.00	0.25	
38.00	0.49	
39.00	12.90	
40.00	0.56	
41.00	0.62	
42.00	0.32	
43.00	4.02	
44.00	10.40	
45.00	0.62	
46.00	0.31	
47.00	0.32	
48.00	8.14	
49.00	18.50	
50.00	25.10	
51.00	18.90	
52.00	9.58	
53.00	26.70	
54.00	22.70	
55.00	6.93	
56.00	27.60	
57.00	6.66	
58.00	27.50	
59.00	28.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	21.60	
61.00	19.60	
62.00	26.00	
63.00	22.50	
64.00	28.20	
65.00	29.60	
66.00	29.30	
67.00	19.60	
68.00	0.32	
69.00	15.00	
70.00	27.20	
71.00	15.00	
72.00	32.30	
73.00	1.09	
74.00	16.70	
75.00	9.04	
76.00	11.20	
77.00	0.51	
78.00	0.98	
79.00	2.25	
80.00	0.86	
81.00	24.10	
82.00	0.67	
83.00	0.43	
84.00	0.40	
85.00	0.16	
86.00	0.38	
87.00	1.20	
88.00	0.31	
89.00	0.47	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.34	
91.00	0.36	
92.00	0.27	
93.00	0.47	
94.00	0.51	
95.00	6.88	
96.00	3.14	
97.00	0.34	
98.00	3.40	
99.00	0.36	
100.00	0.16	
101.00	0.23	
102.00	0.65	
103.00	0.64	
104.00	0.36	
105.00	3.76	
106.00	0.32	
107.00	0.34	
108.00	0.36	
109.00	0.67	
110.00	0.36	
111.00	0.51	
112.00	0.23	
113.00	0.29	
114.00	0.32	
115.00	2.34	
116.00	0.18	
117.00	0.25	
118.00	0.34	
119.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.27	
121.00	0.25	
122.00	0.16	
123.00	0.16	
124.00	0.21	
125.00	0.23	
126.00	0.25	
127.00	0.18	
128.00	0.58	
129.00	0.25	
130.00	0.43	
131.00	0.21	
132.00	0.18	
133.00	0.23	
134.00	0.27	
135.00	0.14	
136.00	0.31	
137.00	0.54	
138.00	0.31	
139.00	0.16	
140.00	0.29	
141.00	0.27	
142.00	0.18	
143.00	0.27	
144.00	0.16	
145.00	0.60	
146.00	0.25	
147.00	0.38	
148.00	0.38	
149.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.38	
151.00	14.60	
152.00	8.07	
153.00	0.45	
154.00	0.21	
155.00	0.12	
156.00	0.51	
157.00	0.29	
158.00	0.25	
159.00	0.12	
160.00	0.18	
161.00	0.20	
162.00	0.43	
163.00	2.25	
164.00	0.25	
165.00	0.27	
166.00	16.70	
167.00	1.83	
168.00	0.25	
169.00	7.81	
170.00	7.08	
171.00	4.94	
172.00	3.01	
173.00	6.49	
174.00	5.16	
175.00	7.22	
176.00	3.69	
177.00	6.31	
178.00	2.78	
179.00	4.42	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	3.05	
181.00	3.14	
182.00	4.97	
183.00	4.97	
184.00	7.41	
185.00	6.86	
186.00	1.06	
187.00	5.01	
188.00	4.17	
189.00	0.86	
190.00	4.79	
191.00	4.61	
192.00	3.62	
193.00	2.69	
194.00	2.81	
195.00	6.62	
196.00	2.85	
197.00	3.42	
198.00	4.30	
199.00	5.39	
200.00	5.01	
201.00	5.59	
202.00	2.12	
203.00	2.76	
204.00	2.47	
205.00	29.50	
206.00	3.82	
207.00	3.93	
208.00	4.61	
209.00	3.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	4.83	
211.00	3.75	
212.00	2.15	
213.00	3.34	
214.00	5.25	
215.00	6.67	
216.00	5.10	
217.00	4.62	
218.00	5.36	
219.00	4.97	
220.00	3.44	
221.00	1.64	
222.00	4.30	
223.00	3.01	
224.00	1.17	
225.00	4.75	
226.00	4.13	
227.00	2.65	
228.00	3.34	
229.00	1.55	
230.00	7.35	
231.00	17.50	
232.00	3.07	
233.00	2.15	
234.00	3.18	
235.00	4.99	
EOH		

KLAZA

Hole: DDH-KL-12-93 **Date:** August 4, 2012

Box #	From (m)	To (m)
1	0.00	12.19
2	12.19	18.04
3	18.04	22.60
4	22.60	28.12
5	28.12	33.87
6	33.87	39.11
7	39.11	44.44
8	44.44	49.90
9	49.90	55.56
10	55.56	61.21
11	61.21	66.61
12	66.61	72.24
13	72.24	77.70
14	77.70	82.88
15	82.88	88.32
16	88.32	93.44
17	93.44	98.92
18	98.92	104.30
19	104.30	109.70
20	109.70	114.91
21	114.91	120.19
22	120.19	125.42
23	125.42	130.52
24	130.52	135.95
25	135.95	141.28
26	141.28	146.69
27	146.69	151.87
28	151.87	157.54
29	157.54	162.95

KLAZA

30	162.95	168.37
31	168.37	174.23
32	174.23	179.74
33	179.74	185.10
34	185.10	190.46
35	190.46	195.97
36	195.97	201.33
37	201.33	206.95
38	206.95	212.51
39	212.51	217.19
40	217.19	222.20
41	222.20	227.69
42	227.69	233.26
43	233.26	235.31
	EOH	

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			381576.13	6890588.3	1238.151	322.17

SECTION:

HOLE: DDH-KL-12-94

CLAIM: YD09210

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: 5.79 (m) in / **out**

Drilling dates: July 26-31, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.79	5.79	OVB	19ft casing and overburden.
5.79	25.14	19.35	GRD	Unaltered granodiorite with pervasive oxidation, crosscut by quartz-carbonate veinlets.
25.14	26.37	1.23	GRD	Weakly propyllitic granodiorite, crosscut by quartz veins with phyllic-argillic envelopes.
26.37	28.00	1.63	FEL	Maroon mafic porphyry dyke with moderate sericite alteration.
28.00	50.43	22.43	GRD	Unaltered granodiorite with fracture-limited oxidation, crosscut by quartz-carbonate veinlets.
50.43	88.28	37.85	GRD	Strongly phyllic and argillic granodiorite with mottled green-pink colouration.
88.28	114.92	26.64	GRD	Weakly propyllitic granodiorite, crosscut by quartz veins with phyllic-argillic envelopes.
114.92	119.50	4.58	FEL	Pink quartz feldspar porphyry dyke with sericite altered feldspar phenocrysts.
119.50	269.32	149.82	GRD	Weakly propyllitic granodiorite, crosscut by quartz veins with phyllic-argillic envelopes.
269.32	301.82	32.50	GRD	Moderate-strong propyllitic granodiorite with crosscutting quartz-carbonate veins with phyllic
301.82	307.17	5.35	GRD	Argillic-phyllic altered granodiorite with mottled pink-green colouration and silicification.
307.17	322.17	15.00	GRD	Unaltered granodiorite with phyllic vein envelopes with patchy argillic and potassic alteration.
				EOH

SAMPLES

Numbers: N812106 - N812262

Total: 157

Batch: 94-1 to 94-5, and 97-1

Date Sent:

Certificate:

COMMENTS

EOH at 322.17m.

PROPERTY NAME

Hole: DDH-KL-12-94 **Logger Name:** **Teresa Cruz** **Date: July 30, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	5.79	5.79					OVB														Casing (19ft) and overburden.
5.79	25.14	19.35				mKgW	GRD	MG	LT	GY	RB	3I									Unaltered granodiorite with pervasive oxide until 21.84m, where it becomes fracture face/envelope limited. Where oxidation if very strong, crumbling of granodiorite is found. Crosscut by white carbonate-calcite veinlets, and rarely by white quartz veinlets.
									MD	OR	FR										
25.14	50.43	25.29				mKgW	GRD	MG	LT	GY				PRO	2I						Weakly propyllitic granodiorite, with patchy argillic and phyllic vein envelopes. Often crosscut by white quartz veins and veinlets that are purple-stained, likely bye hematite. Also crosscut by a dark maroon mafic porphyry dyke.
									MD	GN				ARG	3I						
														PHC	3I						
			26.37	28.00	1.63	LKqP	FEL	FG	DK	PU	RB										Maroon fine-grained mafic porphyry dyke. Dyke hosts white quartz and feldspar phenocrysts, with moderate sericite alteration of the feldspars.
									MD	RD	FR										
			28.00	35.96	7.96	mKgW	GRD	MG	LT	GY	PA			PHC	3I						Overlapping phyllic vein envelopes produce a long phyllic interval, with patches of
									MD	GN				ARG	2I						
			44.00	50.43	6.43	mKgW	GRD	MG	LT	GY	PA										Overlapping phyllic vein envelopes produce a long phyllic interval, with patches of
									MD	GN											
50.43	88.28	37.85				mKgW	GRD	MG	LT	GY	RB			PHC	4I						Strongly phyllic and green argillic granodiorite. Crosscut by calcite and quartz
										GN	PA			ARG	2I						
														POT	2I						
88.28	269.32	181.04				mKgW	GRD	MG	LT	GY	PA			PRO	2I						Weakly propyllitic granodiorite with patchy argillic and phyllic vein envelopes. Often crosscut by quartz-carbonate veinlets. Quartz veinlets are often purple hematite stained. Also patchy potassic altered giving pink-green mottling.
									MD	GN				ARG	3I						
														PHC	3I						
														POT	2I						
			96.58	99.50	2.92	mKgW	GRD	MG	LT	GY	GO			PHC	3I						Strongly gouged phyllic granodiorite.
										GN	RB										
			114.92	119.50	4.58	LKqP	FEL	FG	MD	PK											Pink quartz feldspar porphyry dyke with sericite clay altered quartz and feldspar phenocrysts with green phenocrysts.
										GN											
			119.50	120.67	1.17	mKgW	GRD	MG	MD	PK				PRO	3I						Mottled pink-green-white granodiorite, due to equal dominance of propyllitic and argillic alterations. Crosscut by weakly clay altered quartz-carbonate veins/veinlets, some with weak red hematite staining.
										GN				ARG	3I						
			121.92	123.82	1.90	mKgW	GRD	MG	MD	PK				PRO	3I						Mottled pink-green-white granodiorite, due to equal dominance of propyllitic and argillic alterations. Crosscut by weakly clay altered quartz-carbonate veins/veinlets, some with weak red hematite staining.
										GN				ARG	3I						
			126.83	128.27	1.44	mKgW	GRD	MG	LT	GY	XL			ARG	3I						Medium green granodiorite with argillic alteration and overlapping phyllic vein envelopes. Crosscut by quartz veins.
									MD	GN				PHC	3I						
			159.86	161.54	1.68	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by mineralized quartz veins/veinlets. Rubble zone where granodiorite is weakly-moderately clay altered.
									MD	GN				CLY	2I						
			165.79	168.60	2.81	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by mineralized quartz veins/veinlets.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
									MD	GN											
			169.77	173.04	3.27	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by mineralized quartz veins/veinlets. Rubble zone where granodiorite is weakly-moderately clay altered. Crosscut by dendritic red hematite alteration in last 30 cm of interval.
									MD	GN				CLY	2I						
			173.04	174.00	0.96	mKgW	GRD	MG	LT	GY	XL			PRO	2I						Weakly propyllitic granodiorite with dendritic red hematite alteration.
									MD	GN				HEM	1I						
			174.00	175.76	1.76	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by quartz veins.
									MD	GN											
			200.60	201.61	1.01	mKgW	GRD	MG	LT	GY	RB			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by quartz veins with short rubble and clay altered interval.
									MD	GN				CLY	1I						
			216.00	217.86	1.86	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate-strong phyllic altered granodiorite crosscut by quartz veins with short rubble and clay altered interval.
									MD	GN											
			241.66	244.50	2.84	mKgW	GRD	MG	LT	GY	XL		4I	PHC	3I						Moderate phyllic alteration with patchy potassic, often crosscut by quartz veins and veinlets that intensely silicify the granodiorite.
									MD	GN				POT	2I						
			248.63	252.01	3.38	mKgW	GRD	MG	LT	GY	XL		3I	ARG	3I						Moderate argillic with patchy phyllic alteration in granodiorite. Crosscut by quartz veins and veinlets that moderately silicify granodiorite.
									MD	GN				PHC	2I						
			262.18	264.29	2.11	mKgW	GRD	MG	LT	PK	XL			PHC	3I			Se	1.00		Mottled green and pink granodiorite with phyllic alteration with patchy potassic alteration. Crosscut by quartz veins.
									MD	GN	PA			POT	2I						
			265.27	266.13	0.86	mKgW	GRD	MG	LT	GY				PHC	3I						Phyllic granodiorite.
									MD	GN											
			267.03	269.32	2.29	mKgW	GRD	MG	LT	GY											Unaltered granodiorite crosscut by a black siliceous dyke.
									MD	GN											
269.32	301.82	32.50				mKgW	GRD	MG	MD	PK	XL		2I	PRO	3I						Moderate-strong propyllitic granodiorite with patchy phyllic, argillic, and potassic alterations. Phyllic is found in vein envelopes around crosscutting quartz-carbonate veins. Hosts weakly disseminated pyrite in phyllic envelopes. Often silicified granodiorite adjacent to thick quartz veins.
										GN	PA			ARG	2I						
														POT	2I						
														PHC	3I						
			290.54	292.58	2.04	mKgW	GRD	MG	LT	PK	XL			ARG	3I						Moderate argillic interval.
										GN				PRO	2I						
			293.07	295.82	2.75	mKgW	GRD	MG	LT	PK	XL			ARG	3I						Weak propyllitic overprinted by moderate argillic-phyllic alteration. Crosscut by quartz veins/veinlets. Rubbly from 294.74-295.72m. Mottled pink-green, with original textures becoming obliterated.
										GN	RB			PHC	3I						
														PRO	2I						
301.82	307.17	5.35				mKgW	GRD	MG	LT	GN	XL		2I	ARG	3I	1.00		He	3.00		Dominantly argillic-phyllic altered granodiorite with patchy propyllitic and potassic. These alterations result in a mottled green-pink colouration, and silicification around quartz veins leads to partial obliteration of original granodiorite textures.
									MD	PK	PA			PHC	3I						
														PRO	2I						
														POT	2I						
			303.22	305.76	2.54	mKgW	GRD	MG	LT	PK	XL			POT	3I						Moderate potassic alteration leading to pink granodiorite.
									MD												

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
307.17	322.17	15.00				mKgW	GRD	MG	LT	GN	XL			PHC	2I						Unaltered granodiorite with phyllic vein envelopes with patchy argillic and potassic.
									MD	PK	PA			POT	2I						
														ARG	2I						
			319.92	320.88	0.96	mKgW	GRD	MG	MD	GN	XL			PRO	2I						Argillic altered granodiorite with patchy propyllitic and potassic alteration, giving a mottled pink-green colour. Crosscut by quartz veinlets with phyllic envelopes.
										PK				ARG	3I						
														POT	3I						
																					EOH

PROPERTY NAME

Hole: DDH-KL-12-94 Logger Name: Teresa Cruz Date: July 30, 2012

Depth (m)		DESCRIPTION
26.37		Sharp rubbly 60 degree contact between propyllitic granodiorite (Hanging Wall) and mafic porphyry dyke (FW).
28.00		Sharp 80 degree contact between mafic porphyry dyke (HW) and propyllitic-phyllic granodiorite (FW) with weak gouge.
114.92		Sharp 90 degree contact between weakly gouged phyllic granodiorite (HW) and quartz feldspar porphyry dyke (FW).
119.50		Sharp 70 degree contact between quartz feldspar porphyry dyke (HW) and propyllitic granodiorite (FW).
		EOH

PROPERTY NAME

Hole: DDH-KL-12-94 **Logger Name:** Teresa Cruz **Date:** July 30. 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	20.20	53.15	65.00		31.00	He	20.00	First 8 boxes are crosscut by evenly distributed white quartz veinlets with purple hematite staining. Staining is comb at veinlet edges and rim euhedral white quartz crystals. Angles vary from 10-90 degrees TCA. Hosts trace crystalline hematite (silvery).	
VN	52.97	53.07	70.00			He	10.00		
						Py	6.00		
VT	61.47	110.05	65.00		64.00	He	20.00	Evenly distributed white quartz veinlets with purple hematite staining that follows textures and crystal boundaries. Crystalline silver hematite is sometime visible.	
VN	61.87	62.00	70.00		3.00			Three white quartz-carbonate veins. No sulphide mineralization.	
VN	69.08	69.19	60.00					Blended grey-off-white massive quartz vein.	
GO	75.29	75.48	90.00			Py	1.00	Strongly gouged phyllic granodiorite with dark grey quartz vein hosting disseminated pyrite.	
GO	80.12	80.36	60.00					Moderately gouged phyllic granodiorite.	
VN	81.19	81.28	60.00			He	2.00	Weakly clay altered massive green-brown-white quartz vein. Weak purple hematite staining and sericite books.	
						Se	3.00		
VT	83.84	84.10	50.00		5.00	Py	5.00	White, weakly clay altered quartz veinlets with purple hematite staining and disseminated pyrite.	
VN	90.74	90.76	40.00					Off-white massive quartz vein.	
VT	91.81	93.47	70.00		7.00			White-off-white chalcedony veinlets.	
VN	93.67	93.71	45.00			Py	5.00	Weakly banded light-medium grey vein with blebby pyrite.	
VN	100.31	100.74	80.00		2.00	He	3.00	Milky massive quartz veins with subangular clasts of phyllic granodiorite and weak hematite staining.	
VN	103.74	103.84	35.00					Alternating bands of smoky-white massive quartz.	
VT	108.49	108.51	90.00					Dark smoky quartz veinlet.	
VT	110.00	111.06	80.00		9.00				
GO	111.30	111.45	90.00					Moderately gouged phyllic granodiorite.	
GO	112.69	112.88	70.00					Moderately gouged phyllic granodiorite.	
GO	113.01	113.15	30.00					Moderately gouged phyllic granodiorite.	
VN	114.15	114.41	55.00		2.00	Py	3.00	Two weakly banded milky-smoky quartz veins with trace disseminated pyrite.	
VN	114.65	114.71	60.00			Py	2.00	Off-white-dark grey quartz vein with weak netting of white quartz by dark grey quartz. Dark grey quartz hosts disseminated pyrite.	
VN	119.64	119.65	50.00			Py	2.00	Weakly-moderately clay altered white-dark grey quartz vein with disseminated pyrite.	
VT	119.76	119.83	90.00		2.00			Two off-white-yellow massive calcite veinlets.	
VT	120.09	124.53	70.00		9.00	He	10.00	White-off-white massive quartz veinlets with red-purple hematite staining. Rare silvery crystalline hematite visible.	
VT	120.46	120.47	30.00					Smoky massive quartz veinlet with discontinuous carbonate-filled microfractures along veinlet edges.	
VT	122.13	122.88	80.00		7.00			Seven dark smoky quartz veinlets that are somewhat dendritic and contain lenses of white massive quartz.	
VN	123.41	123.43	40.00			Py	2.00	2cm thick quartz vein made of alternating bands of white quartz and green-stained quartz with chlorite. Hosts disseminated pyrite.	
VN	126.04	126.08	70.00		2.00	Py	30.00	Two 2cm thick dark grey-black massive smoky quartz veins hosting blebby pyrite in high abundance, even bordering on massive pyrite.	
DY	126.91	127.00	90.00					9cm of light green quartz feldspar porphyry dyke, with some green sericite altered feldspar phenocrysts.	
VN	127.83	127.87	60.00					2.5cm thick white semi-translucent quartz vein with a discontinuous dark grey semi translucent quartz veinlet along the uphole border. Dark grey quartz hosts blebs of pyrite 1-2mm in diameter.	
VT	128.24	128.26	70.00		2.00			Two 1-2mm thick white quartz veinlets with purple hematite staining along their outer borders.	
VT	130.90	130.91	70.00			He	20.00	White weakly banded quartz veinlet with central dark green chlorite veinlet, and a purple hematite stained quartz-chlorite interface.	
VN	132.68	132.70	45.00					Off-white-light green banded quartz vein. Green is from chlorite.	
VT	134.08	134.11	80.00		2.00	He	10.00	Two quartz veinlets of white translucent comb quartz with central white opaque massive quartz. Purple hematite stained the comb to massive quartz interface.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	134.34	134.40	70.00			He	5.00	Light grey-white massive-weakly banded quartz vein with moderately gouged uphole border and pink hematite staining.	
VN	135.95	135.97	50.00					Light green-white semi translucent quartz vein. Green is from chlorite impurities.	
VT	137.77	138.62	80.00		6.00			Off-white-cream chalcedony veinlet.	
DY	139.02	139.32	90.00					Flow banded light-medium green-tan quartz feldspar porphyry dyke. Crosscut by carbonate veinlets and one quartz-hematite veinlet.	
VT	139.14	139.15	70.00			He	20.00	Off-white massive quartz veinlet with purple hematite staining.	
VT	139.60	139.61	60.00			He	5.00	White massive quartz veinlet with purple hematite stained borders.	
VT	140.94	140.95	80.00			He	7.00	White massive quartz veinlet with purple hematite stained borders.	
VT	142.37	144.26	70.00		6.00	He	6.00	Six off-white-pink banded quartz veinlets with weak purple hematite stained borders.	
VT	144.98	147.00	70.00		3.00			Three off-white-pink banded quartz veinlets.	
VN	146.06	147.61	60.00		3.00			Off-white-white-light green weakly banded quartz veinlets.	
VN	151.03	151.04	50.00			Gn	5.00	White-milky weakly banded quartz vein with weak purple hematite staining along quartz bands. Hosts massive fine-grained galena and massive honey brown sphalerite along the centre axis.	
						Sp	5.00		
						He	4.00		
VN	151.74	151.76	60.00			Py	3.00	White weakly banded quartz vein with a thick central veinlet of dark green chlorite. White quartz is weakly hematite stained purple. Disseminated pyrite is hosted in chlorite.	
						He	6.00		
VN	154.10	154.12	70.00					White-green weakly banded quartz vein	
VT	157.31	157.32	70.00					White massive quartz veinlet with dark green chlorite veinlet along uphole border.	
VT	160.26	160.27	50.00			He	40.00	White clay altered cockade quartz with purple hematite staining along the cockade crystal edges.	
VN	160.28	160.30	45.00			Py	6.00	Grey banded quartz vein hosting blebby-disseminated pyrite ad disseminated fine-grained arsenopyrite. Ends at rubbly phyllic granodiorite.	
						As	3.00		
VT	163.53	163.54	70.00					Massive white-grey quartz veinlet.	
VT	166.26	166.34	60.00		4.00			White-green massive quartz veinlets. Green colouration is due to chlorite alteration	
VT	166.59	167.11	50.00		3.00			White massive quartz veinlets with dark green chlorite inclusions.	
VN	170.53	172.19	70.00			Py	20.00	Complex 2.5cm vein: Banded-crustiform grey translucent and white quartz. Commonly purple stained by hematite. Hosts blebby fine-grained pyrite and disseminated arsenopyrite.	
						As	5.00		
VN	172.17	172.19	70.00			Py	8.00	Moderately clay altered smoky quartz vein with blebby fine-grained pyrite.	
VN	172.30	172.34	35.00			Py	20.00	White-grey banded quartz vein with grey fine-grained pyrite between each successive band.	
VT	172.96	172.97	70.00			He	4.00	White massive quartz veinlet, intensely red hematite stained.	
VN	174.24	174.26	60.00			Py	6.00	White-grey netted quartz vein with dark grey veinlet borders, with blebby-disseminated fine-grained pyrite.	
VN	175.28	175.34	60.00			Py	6.00	Grey-white quartz-chalcedony vein with smoky quartz vein that brecciates the white quartz. Smoky quartz hosts angular white quartz clasts and disseminated fine-grained pyrite.	
DY	178.01	178.05	30.00					Pink-green aplite dyke crosscut by a 45 degree white quartz veinlet.	
VN	186.48	186.54	45.00			Py	2.00	White-milky central quartz veinlets with grey translucent quartz veinlets on each side. Grey quartz has frequent offshoots that net white quartz.	
VN	187.59	187.61	45.00			Py	4.00	Grey-white central quartz veinlet with smoky quartz veinlet borders, hosting disseminated fine-grained pyrite.	
VT	187.78	187.87	45.00		5.00			Five white translucent-milky quartz veinlets, three of which have vugs.	
VN	188.61	188.67	30.00					White-green massive quartz vein with weak clay alteration.	
VT	189.75	189.78	20.00					White-green crackled quartz veinlet that weakly nets the granodiorite.	
VN	195.57	195.58	80.00					White semi translucent quartz vein with green chlorite staining.	
VT	191.60	191.64	70.00		2.00			Two white semi translucent quartz veinlets with no sulphides.	
VT	193.15	193.16	45.00					Green-white chlorite veinlet. White where clay altered, mostly at edges and cracks.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	193.74	193.79	70.00					Weakly-moderately gouged phyllic granodiorite.	
VN	194.05	195.07	35.00					Weakly banded white-grey semi translucent quartz vein with chlorite staining at borders.	
VN	194.24	194.26	70.00			He	10.00	Weakly banded white-grey semi translucent quartz vein with purple hematite staining at borders.	
GO	200.62	201.20	40.00			Py	3.00	Weakly gouged phyllic granodiorite crosscut by three massive quartz veins (white-grey semi translucent, with disseminated pyrite). Hosts disseminated pyrite.	
VN	203.53	203.55	30.00					Grey-green-white crackled quartz veins, green is from chlorite inclusions.	
VN	204.21	204.24	80.00			Py	2.00	White-grey semi translucent quartz vein with indistinct borders that bleed into the surrounding granodiorite. Hosts disseminated pyrite.	
VT	208.89	208.90	30.00					Milky-white quartz veinlet.	
VT	214.67	215.28	60.00		2.00			White-green quartz veinlet due to chlorite inclusions.	
VN	216.50	216.59	60.00			Py	6.00	White-grey quartz vein with weak-moderate clay alteration, and smoky quartz veinlets hosting disseminated fine-grained pyrite.	
VT	218.45	226.24	70.00		14.00			Fourteen white-milky, weakly banded-massive quartz veinlets.	
VN	225.27	225.32	80.00			Py	8.00	Complex quartz vein: alternating bands of white-grey semi translucent quartz.	
VN	228.24	228.29	70.00					5cm thick quartz vein: 1.5cm green-white translucent mossy quartz, 3.5cm off-white banded quartz with 1cm central green-grey translucent quartz vein. Grey-green quartz brecciated off-white quartz.	
VN	232.20	232.27	60.00			Py	1.00	White-grey semi translucent banded-comb quartz vein with <1mm thick smoky quartz veinlets hosting trace disseminated pyrite.	
GO	234.12	234.32	50.00					Weakly gouged granodiorite hosting two banded white-milky quartz veins.	
GO	234.58	234.90	70.00					Weak-moderate gouge in propyllitic granodiorite.	
VN	235.34	238.34	60.00		8.00			Eight weakly banded-crustiform white semi translucent and milky quartz veins and veinlets.	
VT	240.85	240.86	50.00					White quartz and green chlorite veinlet.	
VN	242.35	242.37	60.00			Ca	10.00	Off-white-cream chalcedony-quartz vein, with central vugs filled with calcite.	
VN	242.79	242.81	90.00			Ca	30.00	Vuggy white-off-white quartz calcite vein.	
VT	243.02	243.03	20.00			Py	10.00	Grey light-dark semi translucent quartz veinlet. Dark grey hosts disseminated pyrite and arsenopyrite.	
						As	3.00		
VN	243.22	243.31	70.00			Py	10.00	White-milky semi translucent vuggy-cockade quartz vein crosscutting a 1cm thick dark grey massive quartz vein. Dark grey quartz is heavily mineralized by blebby-disseminated pyrite, blebby honey brown sphalerite, and disseminated-mossy arsenopyrite. White quartz is often vuggy.	
						Sp	20.00		
						Gn	3.00		
						As	5.00		
VN	243.31	244.09	60.00		12.00	Py	5.00	Densely spaced grey-white semi translucent quartz veins in phyllic granodiorite. Darker grey quartz tends to host sulphides such as disseminated-blebby fine-grained pyrite, blebby honey brown sphalerite, and disseminated mossy arsenopyrite. White quartz is often vuggy.	
						Sp	2.00		
						As	1.00		
VN	244.22	244.25	50.00		2.00			White weakly banded quartz vein.	
VT	245.52	245.54	50.00			He	10.00	Banded white semi translucent quartz veinlet with red hematite staining.	
VT	246.45	247.98	70.00		2.00			White 1mm thick quartz veinlets with discontinuous calcite-filled microfractures along veinlet borders.	
VN	249.80	250.09	60.00			Py	8.00	Complex, thick quartz vein: alternating bands of white-grey quartz of varied translucence. Lighter grey-white quartz tend to be vuggy, while darker grey quartz hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						As	2.00		
VT	250.70	252.00	30.00		5.00			White-milky weakly banded quartz veinlets with green chlorite borders.	
VT	251.77	257.51	80.00		20.00			White-milky weakly banded quartz veinlets.	
VN	257.71	260.05	30.00		4.00	He	10.00	White semi translucent quartz veins with dark green chlorite bands and red-purple hematite staining.	
VT	262.61	262.62	70.00					Weakly banded light-medium semi translucent grey quartz veinlet.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	262.92	262.93	60.00			Py	6.00	White-grey semi translucent massive quartz veinlet hosting mossy-disseminated fine-grained pyrite.	
VN	263.31	263.34	45.00			He	5.00	Alternating bands of green massive chlorite and milky massive quartz, with weak red hematite staining.	
VN	263.97	264.00	30.00			Py	1.00	Weakly-moderately clay altered grey opaque massive quartz vein hosting trace disseminated pyrite.	
VT	266.48	266.50	80.00		2.00	Cb	8.00	White-off-white semi translucent vuggy quartz veinlets with carbonate-filled vugs.	
VT	267.61	267.62	90.00					Weakly banded white-pink quartz veinlet.	
DY	268.17	268.44	90.00					Black siliceous dyke. Fine-grained, with 2-3mm diameter white quartz eyes.	
VN	269.82	269.85	80.00					Cream-off-white crustiform chalcedony vein.	
VT	270.40	270.41	35.00					4mm veinlet with 2mm dark green massive chlorite and 2mm white massive quartz.	
VN	264.18	264.26	70.00			Py	10.00	Rubbly and clay altered medium-dark grey semi translucent banded quartz vein hosting disseminated-mossy fine-grained pyrite in dark grey quartz.	
VN	271.10	271.18	60.00			Py	1.00	Thick vein of banded-crustiform with semi translucent quartz, hosting trace disseminated pyrite.	
VN	274.28	274.32	80.00			Py	1.00	Grey-green vuggy and clay altered quartz vein. White clay alteration seen at vein edges. Hosts trace disseminated pyrite.	
VT	274.84	274.85	70.00					White chalcedony veinlet.	
VN	275.18	275.43	70.00					Thick zone of closely spaced brown-white semi translucent massive quartz veins with indistinct borders that bleed into each other and the surrounding granodiorite. Quartz is vuggy and crackled.	
VN	276.16	276.31	60.00			Py	2.00	Thick zone of closely spaced grey semi translucent massive quartz veins with indistinct borders that bleed into each other and the surrounding granodiorite.	
VN	276.57	277.44	80.00		3.00			Three banded white-light grey semi translucent massive quartz.	
VN	278.28	278.34	80.00		2.00			Grey-white semi translucent weakly banded massive quartz.	
VN	278.75	278.79	80.00			Py	1.00	White massive-vuggy quartz carbonate vein containing <1mm thick dark grey quartz stringers hosting trace disseminated pyrite.	
VN	280.40	280.45	60.00			Py	1.00	White-orange massive-vuggy quartz vein with red hematite staining and trace disseminated pyrite.	
VN	282.05	282.14	70.00		3.00	Py	12.00	Three white-pink semi translucent crustiform-massive quartz and chalcedony veins. Hosts disseminated-blebby pyrite in phyllic envelope, with disseminated honey brown sphalerite and disseminated sericite books.	
						Sp	2.00		
						Se	2.00		
GO	282.38	282.41	60.00					Moderately gouged phyllic granodiorite with possible grey quartz vein.	
VN	282.99	283.19	80.00			Py	4.00	White-grey massive-vuggy quartz vein that hosts brecciated clasts of phyllic granodiorite. Hosts disseminated fine-grained pyrite and 1mm groups of radiating acicular arsenopyrite needles.	
						As	2.00		
VT	284.98	285.68	80.00		10.00	He	5.00	Ten veinlets of white comb-crustiform quartz with central white translucent quartz. Sometimes stained purple by hematite.	
VN	286.75	286.83	80.00					White-cream-grey semi translucent massive-vuggy quartz vein.	
VT	288.01	288.49	90.00		3.00			Three white-grey weakly banded quartz veinlets.	
VT	289.08	289.75	80.00		3.00	Py	15.00	Three grey-white translucent quartz veinlets hosting disseminated pyrite and discontinuous pyrite stringers at their centres.	
VT	292.32	293.75	60.00		3.00			Three banded white quartz veinlets.	
VT	298.21	298.23	80.00		2.00			Weakly banded milky quartz veinlets.	
VN	299.94	299.97	30.00					Weakly-moderately clay altered chlorite and quartz vein.	
VN	300.24	300.25	90.00					White-cream chalcedony vein.	
VN	302.11	302.14	70.00			He	3.00	White-off-white translucent vuggy quartz vein with angular clasts of white chalcedony veinlets. Weakly hematite staining.	
VT	302.73	303.03	80.00		3.00			White-milky alternating bands of quartz in three veinlets.	
VN	302.88	302.91	80.00					Massive grey translucent quartz vein crosscut by a milky quartz veinlet, hosting subangular grey quartz clasts.	
VN	303.10	303.14	90.00					Weakly banded crustiform-crackled white quartz vein.	
VT	303.37	304.26	30.00		7.00			Seven green chlorite veinlets with weak clay alteration.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	306.84	306.93	60.00					Thick quartz-carbonate vein with varying shades of grey quartz, brecciated by white carbonate.	x
VT	312.37	320.83	60.00		12.00			Twelve weakly banded-crustiform white-milky quartz veinlets.	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-94 **Date: July 30. 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
22.6	9.6	4.1	351.1	220.4	GRD						2.770142	2.686305	Unaltered granodiorite.
34.69	10.1	4.1	372.5	233.5	GRD		PHC	3I			2.793491	2.679856	Moderate phyllic overprinting weak argillic in granodiorite.
							ARG	2I					
41.02	9.7	4.1	349.5	216.8	GRD		PRO	2I			2.72909	2.63376	Mottled propyllitic and potassic in granodiorite.
							POT	2I					
Calibration			1998.2										Calibration test with 2.0kg mass.
64.84	9.9	4.1	354.9	220	GRD		ARG	3I			2.715271	2.630838	Moderate argillic granodiorite.
88.36	9.5	4.1	355.6	224.4	GRD						2.835179	2.710366	Unaltered granodiorite.
115.69	10.2	4.1	358.5	219.8	FEL						2.662143	2.584715	Quartz feldspar porphyry dyke.
71.35	10.2	4.1	368.5	227.7	GRD		PRO	2I			2.736401	2.617188	Weak propyllitic and argillic granodiorite.
							ARG	2I					
Calibration			2001.5										Calibration test with 2.0kg mass.
139.07	9.5	4.1	366.8	233.8	FEL						2.924476	2.757895	Light-medium green-tan quartz feldspar porphyry dyke with white quartz veinlet with purple hematite staining.
150.59	10.1	4.1	368.7	232.5	GRD		PRO	2I			2.764994	2.707048	Weak propyllitic and potassic altered granodiorite.
							POT	1I					
169.97	10.2	4.1	369.3	228.9	GRD		PHC	3I			2.742342	2.630342	Moderate phyllic-argillic altered granodiorite.
							ARG	3I					
186.11	9.8	4.1	353.1	216.2	GRD		PRO	2I			2.729066	2.579255	Moderate argillic alteration overprinted by dark green propyllitic alteration.
							ARG	3I					
209.07	9.9	4.1	372.3	234.5	GRD	XL	POT	2I			2.848395	2.701742	Weak potassic overprinting very weak propyllitic alteration.
							PRO	1I					
Calibration			2001.2										Calibration test with 2.0kg mass.
217.53	9.5	4.1	356.3	224.2	GRD	XL	PHC	3I			2.840761	2.697199	Moderate phyllic alteration with very weak potassic overprint.
							POT	1I					

PROPERTY NAME

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
228.24	9.7	4.1	366.9	231.3	GRD	XL	PHC	3I			2.864959	2.705752	Phyllic granodiorite crosscut by a 5cm thick quartz vein (see secondary structures).
255.96	9.9	4.1	373.2	234.5	GRD	XL	PRO	2I			2.855281	2.690699	Weakly propyllitic granodiorite with heavy silica flooding.
							SIL	4I					
268.19	10	4.1	384.4	246	SIL		SIL	5I			2.91156	2.777457	Black siliceous dyke.
302.35	10	4.1	367.5	226.7	GRD	XL	ARG	3I			2.783555	2.610085	Moderate argillic weak phyllic granodiorite.
							PHC	2I					
													EOH

PROPERTY NAME

Hole: DDH-KL-12-94 **Date: July 30. 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
28.00	29.57	1.57	1.14	72.6	N812106	94-1				
29.57	32.61	3.04	2.65	87.2	N812107	94-1				
32.61	35.66	3.05	3.05	100	N812108	94-1				
35.66	38.71	3.05	3.05	100	N812109	94-1				
38.71	41.76	3.05	3.02	99	N812110	94-1				
					N812111	94-1				Klaza STD-3
41.76	44.81	3.05	3.02	99	N812112	94-1				
44.81	47.85	3.04	2.92	96.1	N812113	94-1				
47.85	50.46	2.61	2.62	100	N812114	94-1				
					N812115	94-1				Coarse reject duplicate
50.46	52.54	2.08	1.89	90.9	N812116	94-1				
52.54	53.70	1.16	0.93	80.2	N812117	94-1				Rubbly
					N812118	94-1				Blank
53.70	56.00	2.30	2.07	90	N812119	94-1				
56.00	57.50	1.50	1.44	96	N812120	94-1				
57.50	60.05	2.55	2.03	79.6	N812121	94-1				
					N812122	94-1				Klaza STD-3
60.05	63.09	3.04	2.88	94.7	N812123	94-1				
63.09	66.14	3.05	2.73	89.5	N812124	94-1				
66.14	69.08	2.94	2.90	98.6	N812125	94-1				
69.08	71.31	2.23	2.13	95.5	N812126	94-1				
71.31	72.74	1.43	1.42	99.3	N812127	94-1				
					N812128	94-1				Quarter duplicate
72.74	74.89	2.15	1.85	86	N812129	94-1				
74.89	75.95	1.06	1.03	97.2	N812130	94-1				
75.95	78.33	2.38	2.28	95.8	N812131	94-1				
78.33	80.79	2.46	1.71	69.5	N812132	94-1				strong clay altered. Lost core
80.79	82.11	1.32	1.30	98.5	N812133	94-1				
					N812134	94-1				Blank
82.11	83.34	1.23	1.23	100	N812135	94-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
83.34	84.43	1.09	1.06	97.2	N812136	94-1				
84.43	86.43	2.00	2.00	100	N812137	94-1				
86.43	87.75	1.32	1.30	98.5	N812138	94-1				
87.75	90.53	2.78	2.73	98.2	N812139	94-1				
90.53	93.57	3.04	3.04	100	N812140	94-1				
93.57	96.62	3.05	3.03	99.3	N812141	94-1				
96.62	99.67	3.05	1.72	56.4	N812142	94-2				rubbly
					N812143	94-2				Blank
99.67	102.72	3.05	3.01	98.7	N812144	94-2				
102.72	104.02	1.30	1.30	100	N812145	94-2				
104.02	105.77	1.75	1.75	100	N812146	94-2				
105.77	108.81	3.04	3.05	100	N812147	94-2				
108.81	109.81	1.00	0.97	97	N812148	94-2				
					N812149	94-2				Quarter duplicate
109.81	111.27	1.46	1.46	100	N812150	94-2				
111.27	113.87	2.60	2.38	91.5	N812151	94-2				
113.87	114.93	1.06	1.04	98.1	N812152	94-2				Rubbly
114.93	117.96	3.03	2.95	97.4	N812153	94-2				
					N812154	94-2				Klaza STD-3
117.96	119.50	1.54	1.50	97.4	N812155	94-2				
119.50	120.61	1.11	1.11	100	N812156	94-2				
					N812157	94-2				Blank
120.61	121.74	1.13	1.07	94.7	N812158	94-2				
121.74	124.05	2.31	2.31	100	N812159	94-2				
124.05	127.10	3.05	3.05	100	N812160	94-2				
127.10	128.10	1.00	1.00	100	N812161	94-2				
128.10	130.15	2.05	1.99	97.1	N812162	94-2				
					N812163	94-2				Klaza STD-3
130.15	132.43	2.28	2.28	100	N812164	94-2				
132.43	134.01	1.58	1.54	97.5	N812165	94-2				
134.01	135.37	1.36	1.30	95.6	N812166	94-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
135.37	137.58	2.21	2.20	99.5	N812167	94-2				
					N812168	94-2				Coarse reject duplicate
137.58	139.29	1.71	1.71	100	N812169	94-2				
139.29	142.34	3.05	3.05	100	N812170	94-2				
142.34	144.44	2.10	2.05	97.6	N812171	94-2				
144.44	146.16	1.72	1.72	100	N812172	94-2				
146.16	148.44	2.28	2.28	100	N812173	94-2				
148.44	151.49	3.05	3.04	99.7	N812174	94-2				
151.49	154.53	3.04	3.04	100	N812175	94-2				
154.53	157.58	3.05	2.80	91.8	N812176	94-2				
157.58	160.15	2.57	2.57	100	N812177	94-2				
160.15	161.20	1.05	1.05	100	N812178	94-3				
					N812179	94-3				Klaza STD-3
161.20	163.68	2.48	2.42	97.6	N812180	94-3				
163.68	166.04	2.36	2.33	98.7	N812181	94-3				
166.04	167.67	1.63	1.61	98.8	N812182	94-3				
167.67	170.42	2.75	2.75	100	N812183	94-3				
170.42	172.53	2.11	2.09	99.1	N812184	94-3				
					N812185	94-3				Blank
172.53	174.12	1.59	1.59	100	N812186	94-3				
174.12	175.41	1.29	1.26	97.7	N812187	94-3				
175.41	177.45	2.04	1.98	97.1	N812188	94-3				
					N812189	94-3				Coarse reject duplicate
177.45	178.92	1.47	1.47	100	N812190	94-3				
178.92	181.97	3.05	3.05	100	N812191	94-3				
181.97	185.01	3.04	3.03	99.7	N812192	94-3				
185.01	186.30	1.29	1.28	99.2	N812193	94-3				
186.30	188.06	1.76	1.61	91.5	N812194	94-3				
188.06	191.11	3.05	3.05	100	N812195	94-3				
191.11	193.32	2.21	2.08	94.1	N812196	94-3				
193.32	195.54	2.22	2.22	100	N812197	94-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
195.54	197.78	2.24	2.09	93.3	N812198	94-3				
197.78	200.42	2.64	2.64	100	N812199	94-3				
200.42	201.42	1.00	0.97	97	N812200	94-3				
201.42	202.71	1.29	1.21	93.8	N812201	94-3				
					N812202	94-3				Quarter Duplicate
202.71	204.71	2.00	2.00	100	N812203	94-3				
204.71	206.73	2.02	2.02	100	N812204	94-3				
206.73	209.40	2.67	2.59	97	N812205	94-3				
209.40	212.45	3.05	3.03	99.3	N812206	94-3				
212.45	215.49	3.04	2.86	94.1	N812207	94-3				
					N812208	94-3				Klaza STD-3
215.49	218.54	3.05	2.87	94.1	N812209	94-3				
218.54	221.59	3.05	2.96	97	N812210	94-3				
221.59	224.64	3.05	3.05	100	N812211	94-3				
224.64	225.66	1.02	1.02	100	N812212	94-3				
					N812213	94-3				Blank
225.66	227.69	2.03	2.03	100	N812214	94-4				
227.69	228.71	1.02	1.02	100	N812215	94-4				
228.71	230.32	1.61	1.55	96.3	N812216	94-4				
					N812217	94-4				Klaza STD-2
230.32	231.75	1.43	1.43	100	N812218	94-4				
231.75	232.75	1.00	1.00	100	N812219	94-4				
232.75	233.78	1.03	1.03	100	N812220	94-4				
233.78	236.05	2.27	2.06	90.7	N812221	94-4				
236.05	238.25	2.20	2.20	100	N812222	94-4				
238.25	239.88	1.63	1.63	100	N812223	94-4				
					N812224	94-4				Quarter duplicate
239.88	242.84	2.96	2.83	95.6	N812225	94-4				
242.84	244.13	1.29	1.29	100	N812226	94-4				
					N812227	94-4				Blank
244.13	245.97	1.84	1.84	100	N812228	94-4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
245.97	249.02	3.05	3.02	99	N812229	94-4				
249.02	250.13	1.11	1.11	100	N812230	94-4				
250.13	252.07	1.94	1.81	93.3	N812231	94-4				
					N812232	94-4				Klaza STD-2
252.07	255.12	3.05	3.05	100	N812233	94-4				
255.12	258.17	3.05	2.88	94.4	N812234	94-4				
258.17	261.21	3.04	3.04	100	N812235	94-4				
261.21	262.52	1.31	1.29	98.5	N812236	94-4				
					N812237	94-4				Coarse reject duplicate
262.52	264.26	1.74	1.74	100	N812238	94-4				
264.26	267.31	3.05	3.01	98.7	N812239	94-4				
267.31	269.80	2.49	2.34	94	N812240	94-4				
269.80	271.18	1.38	1.38	100	N812241	94-4				
271.18	274.15	2.97	2.94	99	N812242	94-4				
274.15	277.14	2.99	2.99	100	N812243	94-4				
277.14	279.50	2.36	2.36	100	N812244	94-4				
279.50	281.97	2.47	2.40	97.1	N812245	94-4				
281.97	283.19	1.22	1.22	100	N812246	94-4				
					N812247	94-4				Blank
283.19	285.60	2.41	2.37	98.3	N812248	94-4				
285.60	286.85	1.25	1.25	100	N812249	94-4				
286.85	288.78	1.93	1.91	99	N812250	94-5				
288.78	289.78	1.00	1.00	100	N812251	94-5				
289.78	292.29	2.51	2.52	100	N812252	94-5				
292.29	294.74	2.45	2.40	98	N812253	94-5				
294.74	297.79	3.05	3.05	100	N812254	94-5				
					N812255	94-5				Klaza STD-3
297.79	300.84	3.05	3.05	100	N812256	94-5				
300.84	302.74	1.90	1.83	96.3	N812257	94-5				
302.74	304.75	2.01	2.00	99.5	N812258	94-5				
304.75	305.93	1.18	1.18	100	N812259	94-5				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812260	94-5				Coarse reject duplicate
305.93	306.93	1.00	1.00	100	N812261	94-5				
306.93	309.98	3.05	2.93	96.1	N812262	94-5				Samples N812263-N812285 are the end of 94-5, and are in KL-12-97 Batch 1.

PROPERTY NAME

Hole: DDH-KL-12-94 **Tech Name: Tory Prentice** **Date: July 30. 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.79	5.79	0.00	0	0.00	0		-	-	-	
5.79	8.23	2.44	1.85	76	0.92	38		2	2S	4W	
8.23	11.28	3.05	2.45	80	0.47	15		2	2S	4W	
11.28	14.33	3.05	1.65	54	0.26	9		1	1S	4W	
14.33	17.37	3.04	2.94	97	1.50	49		2	2S	3W	
17.37	20.42	3.05	2.68	88	0.60	20		2	2S	3W	
20.42	23.47	3.05	2.75	90	0.28	9		2	4S	2W	
23.47	26.52	3.05	2.48	81	0.13	4		1	1S	3W	
26.52	29.57	3.05	2.60	85	0.33	11		2	2S	2W	
29.57	32.61	3.04	2.55	84	1.27	42		1	2S	2W	
32.61	35.66	3.05	3.05	100	1.81	59		2	2S	1W	
35.66	38.71	3.05	3.05	100	1.68	55		2	2S	1W	
38.71	41.76	3.05	3.05	100	1.67	55		2	2S	1W	
41.76	44.81	3.05	3.05	100	0.85	28		2	2S	1W	
44.81	47.85	3.04	2.94	97	1.91	63		2	2S	1W	
47.85	50.90	3.05	3.05	100	1.87	61		2	2S	2W	
50.90	53.95	3.05	2.59	85	0.65	21		2	3S	2W	
53.95	57.00	3.05	2.75	90	0.28	9		1	1S	2W	
57.00	60.05	3.05	2.67	88	0.50	16		2	2S	2W	
60.05	63.09	3.04	2.93	96	1.80	59		2	3S	2W	
63.09	66.14	3.05	2.80	92	1.58	52		2	3S	2W	
66.14	69.19	3.05	3.05	100	1.64	54		3	3S	2W	
69.19	72.24	3.05	3.03	99	0.91	30		2	4S	2W	
72.24	75.29	3.05	2.87	94	0.50	16		1	2S	3W	
75.29	78.33	3.04	2.90	95	0.82	27		1	3S	3W	
78.33	81.38	3.05	2.34	77	0.71	23		1	3S	3W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	3.00	98	1.15	38		1	2S	3W	
84.43	87.48	3.05	2.99	98	2.73	90		2	3S	2W	
87.48	90.53	3.05	3.01	99	2.30	75		2	3S	1W	
90.53	93.57	3.04	3.04	100	2.70	89		2	3S	1W	
93.57	96.62	3.05	3.05	100	1.67	55		1	2S	4W	
96.62	99.67	3.05	2.40	79	0.00	0		1	0S	4W	
99.67	102.72	3.05	3.00	98	0.70	23		2	4S	3W	
102.72	105.77	3.05	3.05	100	1.50	49		2	4S	2W	
105.77	108.81	3.04	3.04	100	1.33	44		1	3S	3W	
108.81	111.86	3.05	3.05	100	1.75	57		1	3S	3W	
111.86	114.91	3.05	2.86	94	0.00	0		1	3S	3W	
114.91	117.96	3.05	3.05	100	1.60	52		2	3S	2W	
117.96	121.00	3.04	3.02	99	2.44	80		2	3S	2W	
121.00	124.05	3.05	3.05	100	2.60	85		2	3S	1W	
124.05	127.10	3.05	3.03	99	1.93	63		2	3S	1W	
127.10	130.15	3.05	3.04	100	2.35	77		2	3S	1W	
130.15	133.20	3.05	3.05	100	2.15	70		2	3S	1W	
133.20	136.25	3.05	3.04	100	2.41	79		2	3S	1W	
136.25	139.29	3.04	3.04	100	2.64	87		2	3S	1W	
139.29	142.34	3.05	3.05	100	2.90	95		2	3S	1W	
142.34	145.39	3.05	3.02	99	2.74	90		2	3S	1W	
145.39	148.44	3.05	3.05	100	2.77	91		2	3S	1W	
148.44	151.49	3.05	3.05	100	2.50	82		2	3S	1W	
151.49	154.43	2.94	3.04	103	1.66	56		2	0S	2W	
154.43	157.58	3.15	2.82	90	2.44	77		2	3S	1W	
157.58	160.63	3.05	3.05	100	2.02	66		2	2S	3W	
160.63	163.68	3.05	3.05	100	1.76	58		2	3S	2W	
163.68	166.73	3.05	3.05	100	2.31	76		2	3S	1W	
166.73	169.77	3.04	3.05	100	2.06	68		2	3S	1W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	3.05	100	1.65	54		2	1S	1W	
172.82	175.87	3.05	3.05	100	2.00	66		2	3S	1W	
175.87	178.92	3.05	3.05	100	2.40	79		2	3S	1W	
178.92	181.97	3.05	3.05	100	2.16	71		2	3S	2W	
181.97	185.01	3.04	3.05	100	1.60	53		2	3S	1W	
185.01	188.06	3.05	2.95	97	1.46	48		2	1S	1W	
188.06	191.11	3.05	3.00	98	0.45	15		2	3S	2W	
191.11	194.16	3.05	2.95	97	0.75	25		2	2S	1W	
194.16	197.21	3.05	3.00	98	0.95	31		2	3S	1W	
197.21	200.25	3.04	3.00	99	1.10	36		2	3S	1W	
200.25	203.30	3.05	2.90	95	1.08	35		2	2S	1W	
203.30	206.35	3.05	2.85	93	0.45	15		2	3S	1W	
206.35	209.40	3.05	2.80	92	1.20	39		2	3S	1W	
209.40	212.45	3.05	2.98	98	1.61	53		2	3S	1W	
212.45	215.49	3.04	2.86	94	1.08	36		2	4S	1W	
215.49	218.54	3.05	2.81	92	1.42	47		2	4S	1W	
218.54	221.59	3.05	2.86	94	1.20	39		2	2S	1W	
221.59	224.64	3.05	2.95	97	0.78	26		2	3S	1W	
224.64	227.69	3.05	3.00	98	1.15	38		2	3S	1W	
227.69	230.73	3.04	2.90	95	2.04	67		2	3S	1W	
230.73	233.78	3.05	3.00	98	0.96	31		2	3S	1W	
233.78	236.83	3.05	3.00	98	0.12	4		2	1S	1W	
236.83	239.88	3.05	2.98	98	1.13	37		2	2S	1W	
239.88	242.93	3.05	2.84	93	1.25	41		2	3S	1W	
242.93	245.97	3.04	3.00	99	1.45	48		2	3S	1W	
245.97	249.02	3.05	2.92	96	0.40	13		2	3S	1W	
249.02	252.07	3.05	2.93	96	0.75	25		2	3S	1W	
252.07	255.12	3.05	3.05	100	1.40	46		2	3S	1W	
255.12	258.17	3.05	2.87	94	1.45	48		2	3S	1W	
258.17	261.21	3.04	3.01	99	0.80	26		2	3S	1W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	3.00	98	0.96	31		2	3S	1W	
264.26	267.31	3.05	2.95	97	1.92	63		2	3S	1W	
267.31	270.36	3.05	2.87	94	1.58	52		2	3S	1W	
270.36	273.41	3.05	2.98	98	0.78	26		2	3S	1W	
273.41	276.45	3.04	3.00	99	1.20	39		2	3S	1W	
276.45	279.50	3.05	3.00	98	1.80	59		2	3S	1W	
279.50	282.55	3.05	2.96	97	2.52	83		2	3S	1W	
282.55	285.60	3.05	2.93	96	1.70	56		2	3S	1W	
285.60	288.65	3.05	2.98	98	2.10	69		2	3S	1W	
288.65	291.69	3.04	3.00	99	2.84	93		2	3S	1W	
291.69	294.74	3.05	2.97	97	1.34	44		2	2S	1W	
294.74	297.79	3.05	3.00	98	1.41	46		2	2S	1W	
297.79	300.84	3.05	3.05	100	1.97	65		2	3S	1W	
300.84	303.89	3.05	2.90	95	2.13	70		2	3S	1W	
303.89	306.93	3.04	3.05	100	1.52	50		1	2S	1W	
306.93	309.98	3.05	2.94	96	1.74	57		2	3S	1W	
309.98	313.03	3.05	2.99	98	2.34	77		2	3S	1W	
313.03	316.08	3.05	3.05	100	2.96	97		2	3S	1W	
316.08	319.13	3.05	2.81	92	2.33	76		2	4S	1W	
319.13	322.17	3.04	3.05	100	2.46	81		2	3S	1W	
EOH											

PROPERTY NAME

Hole: KL=DDH-12-94 **Tech Name:** Tory Prentice **Date:** July 27, 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.79	5.79	-	-	-	-	-	-	
5.79	8.23	2.44	-	-	-	-	-	-	
8.23	11.28	3.05	55.00	0.10	0.00	2.00	3R	3W	
11.28	14.33	3.05	-	-	-	-	-	-	Rubbly
14.33	17.37	3.04	50.00	0.17	0.00	3.00	3R	3W	
17.37	20.42	3.05	50.00	0.12	3.00	2.00	3R	3W	
20.42	23.47	3.05	45.00	0.10	2.00	2.00	3R	3W	
23.47	26.52	3.05	60.00	0.10	2.00	2.00	3R	3W	
26.52	29.57	3.05	50.00	0.07	2.00	2.00	3R	3W	
29.57	32.61	3.04	-	-	-	-	-	-	
32.61	35.66	3.05	40.00	0.40	2.00	2.00	3R	3W	
35.66	38.71	3.05	-	-	-	-	-	-	
38.71	41.76	3.05	70.00	0.70	0.00	2.00	3R	2W	
41.76	44.81	3.05	-	-	-	-	-	-	
44.81	47.85	3.04	40.00	0.20	2.00	2.00	3R	2W	
47.85	50.90	3.05	45.00	0.20	4.00	2.00	3R	2W	
50.90	53.95	3.05	-	-	-	-	-	-	
53.95	57.00	3.05	-	-	-	-	-	-	
57.00	60.05	3.05	45.00	0.40	0.00	1.00	2R	2W	
60.05	63.09	3.04	40.00	0.05	0.00	2.00	3R	2W	Additional joint sets: 60,0.20,0,2,3R,2W
63.09	66.14	3.05	65.00	0.30	0.00	2.00	3R	2W	
66.14	69.19	3.05	50.00	0.10	2.00	2.00	3R	2W	
69.19	72.24	3.05	40.00	0.25	0.00	2.00	3R	2W	
72.24	75.29	3.05	30.00	0.40	3.00	2.00	3R	2W	
75.29	78.33	3.04	50.00	0.10	2.00	2.00	3R	2W	
78.33	81.38	3.05	-	-	-	-	-	-	
81.38	84.43	3.05	-	-	-	-	-	-	
84.43	87.48	3.05	-	-	-	-	-	-	
87.48	90.53	3.05	-	-	-	-	-	-	
90.53	93.57	3.04	-	-	-	-	-	-	
93.57	96.62	3.05	40.00	0.40	10.00	2.00	3R	2W	
96.62	99.67	3.05	-	-	-	-	-	-	Rubbly

PROPERTY NAME

99.67	102.72	3.05	50.00	0.20	1.00	2.00	3R	2W	
102.72	105.77	3.05	50.00	0.40	2.00	2.00	3R	2W	
105.77	108.81	3.04	-	-	-	-	-	-	
108.81	111.86	3.05	-	-	-	-	-	-	
111.86	114.91	3.05	65.00	1.00	3.00	2.00	3R	3W	
114.91	117.96	3.05	50.00	0.90	2.00	2.00	3R	1W	
117.96	121.00	3.04	-	-	-	-	-	-	
121.00	124.05	3.05	35.00	1.50	2.00	1.00	3R	1W	
124.05	127.10	3.05	60.00	0.10	0.00	2.00	3R	1W	
127.10	130.15	3.05	-	-	-	-	-	-	
130.15	133.20	3.05	65.00	0.25	2.00	2.00	3R	1W	
133.20	136.25	3.05	-	-	-	-	-	-	
136.25	139.29	3.04	-	-	-	-	-	-	
139.29	142.34	3.05	65.00	0.60	0.00	2.00	3R	1W	
142.34	145.39	3.05	-	-	-	-	-	-	
145.39	148.44	3.05	-	-	-	-	-	-	
148.44	151.49	3.05	55.00	0.12	0.00	1.00	3R	1W	
151.49	154.43	2.94	40.00	0.25	5.00	2.00	3W	1W	
154.43	157.58	3.15	-	-	-	-	-	-	
157.58	160.63	3.05	50.00	0.75	2.00	2.00	3R	1W	
160.63	163.68	3.05	40.00	0.15	3.00	2.00	3R	2W	Additional joint set: 65, 0.20, 0, 1, 3R, 1W
163.68	166.73	3.05	50.00	1.00	1.00	2.00	3R	1W	
166.73	169.77	3.04	60.00	0.40	0.00	2.00	3R	1W	
169.77	172.82	3.05	45.00	0.12	2.00	2.00	3R	1W	
172.82	175.87	3.05	55.00	0.15	2.00	1.00	2R	1W	
175.87	178.92	3.05							
178.92	181.97	3.05	30.00	0.80	2.00	1.00	3R	1W	Additional joint set: 60, 0.15, 1, 2, 3R, 1W
181.97	185.01	3.04	60.00	0.20	2.00	2.00	3R	1W	
185.01	188.06	3.05	40.00	0.15	1.00	2.00	3R	2W	
188.06	191.11	3.05	60.00	0.15	0.00	1.00	2R	1W	Additional joint set: 40, 0.30, 3, 3, 3R, 2W
191.11	194.16	3.05	60.00	0.06	0.00	1.00	2R	1W	
194.16	197.21	3.05	65.00	0.15	0.00	1.00	2R	1W	
197.21	200.25	3.04	45.00	0.35	0.00	1.00	2R	1W	
200.25	203.30	3.05	30.00	0.30	0.00	1.00	2R	1W	
203.30	206.35	3.05	62.00	0.31	0.00	1.00	3R	1W	
206.35	209.40	3.05	78.00	0.10	0.00	1.00	2R	1W	Additional joint set: 60, 0.18, 0, 1, 2R, 1W
209.40	212.45	3.05	45.00	0.06	0.00	1.00	2R	1W	
212.45	215.49	3.04	70.00	0.11	0.00	1.00	2R	1W	
215.49	218.54	3.05	50.00	0.25	0.00	1.00	2R	1W	
218.54	221.59	3.05	80.00	0.72	0.00	1.00	2R	1W	
221.59	224.64	3.05	70.00	0.56	0.00	1.00	2R	1W	Additional joint set: 40, 0.85, 0, 1, 2R, 1W
224.64	227.69	3.05	82.00	0.06	0.00	1.00	2R	1W	

PROPERTY NAME

227.69	230.73	3.04	72.00	0.33	0.00	1.00	2R	1W	
230.73	233.78	3.05	80.00	0.22	0.00	1.00	2R	1W	
233.78	236.83	3.05	57.00	0.72	0.00	1.00	2R	1W	
236.83	239.88	3.05	50.00	0.10	0.00	1.00	2R	1W	
239.88	242.93	3.05	50.00	2.05	0.00	1.00	2R	1W	Additional joint set: 80, 0.06, 0, 1, 2R, 1W
242.93	245.97	3.04	50.00	0.35	0.00	1.00	2R	1W	
245.97	249.02	3.05	60.00	0.30	0.00	1.00	2R	1W	
249.02	252.07	3.05	75.00	0.17	0.00	1.00	2R	1W	
252.07	255.12	3.05	85.00	0.10	0.00	1.00	2R	1W	Additional joint set: 65, 0.30, 0, 1, 2R, 1W
255.12	258.17	3.05	40.00	0.25	0.00	1.00	2R	1W	
258.17	261.21	3.04	80.00	0.08	0.00	1.00	2R	1W	
261.21	264.26	3.05	45.00	0.45	0.00	1.00	2R	1W	
264.26	267.31	3.05	70.00	0.17	0.00	1.00	3R	1W	
267.31	270.36	3.05							
270.36	273.41	3.05	55.00	1.50	0.00	1.00	2R	1W	
273.41	276.45	3.04	40.00	0.36	0.00	1.00	3R	1W	
276.45	279.50	3.05	45.00	0.10	0.00	2.00	3R	1W	
279.50	282.55	3.05							
282.55	285.60	3.05	40.00	0.09	1.00	2.00	3R	1W	Additional joint set: 70, 0.05, 0, 2, 3R, 1W
285.60	288.65	3.05	50.00	0.30	0.00	2.00	3R	1W	
288.65	291.69	3.04	75.00	0.80	1.00	2.00	2R	1W	
291.69	294.74	3.05							
294.74	297.79	3.05	60.00	0.25	0.00	2.00	3R	1W	
297.79	300.84	3.05	50.00	0.20	0.00	2.00	3R	1W	
300.84	303.89	3.05	80.00	0.23	2.00	2.00	2R	1W	
303.89	306.93	3.04	45.00	0.10	1.00	2.00	3R	1W	Additional joint set: 65, 0.10, 0, 2, 2R, 1W
306.93	309.98	3.05	45.00	0.10	1.00	2.00	2R	1W	
309.98	313.03	3.05	85.00	0.50	0.00	2.00	2R	1W	Additional joint set: 40, 0.46, 0, 2, 3R, 1W
313.03	316.08	3.05							
316.08	319.13	3.05	85.00	0.18	0.00	2.00	3R	1W	Additional joint set: 65, 0.29, 1, 2, 3R, 1W
319.13	322.17	3.04	60.00	0.70	0.00	2.00	3R	1W	
EOH									

PROPERTY NAME

Hole: DDH-KL-12-94 Date: July 30. 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	Casing
2.00	n/a	Casing
3.00	n/a	Casing
4.00	n/a	Casing
5.00	n/a	Casing
6.00	0.30	
7.00	0.38	
8.00	0.14	
9.00	0.16	
10.00	0.32	
11.00	0.36	
12.00	0.34	
13.00	0.26	
14.00	0.22	
15.00	0.28	
16.00	1.00	
17.00	0.20	
18.00	0.90	
19.00	0.22	
20.00	0.73	
21.00	0.61	
22.00	0.90	
23.00	3.58	
24.00	0.84	
25.00	1.12	
26.00	0.49	
27.00	0.22	
28.00	0.20	
29.00	0.24	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.59	
31.00	0.47	
32.00	0.30	
33.00	0.24	
34.00	0.18	
35.00	0.32	
36.00	0.43	
37.00	0.77	
38.00	1.43	
39.00	1.45	
40.00	0.53	
41.00	0.47	
42.00	0.84	
43.00	3.52	
44.00	0.38	
45.00	0.41	
46.00	0.22	
47.00	0.34	
48.00	0.49	
49.00	0.32	
50.00	1.72	
51.00	0.34	
52.00	0.45	
53.00	0.57	
54.00	0.24	
55.00	0.28	
56.00	0.30	
57.00	0.26	
58.00	0.59	
59.00	0.90	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.47	
61.00	0.47	
62.00	0.20	
63.00	0.30	
64.00	0.22	
65.00	0.41	
66.00	0.36	
67.00	0.63	
68.00	0.38	
69.00	0.45	
70.00	0.43	
71.00	1.16	
72.00	0.57	
73.00	0.32	
74.00	0.36	
75.00	0.32	
76.00	0.49	
77.00	0.41	
78.00	0.22	
79.00	0.18	
80.00	0.32	
81.00	0.57	
82.00	1.53	
83.00	0.26	
84.00	0.14	
85.00	0.28	
86.00	0.26	
87.00	2.02	
88.00	0.53	
89.00	5.16	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	3.54	
91.00	2.84	
92.00	0.94	
93.00	1.18	
94.00	0.45	
95.00	0.26	
96.00	0.47	
97.00	0.16	
98.00	0.14	
99.00	0.06	
100.00	0.22	
101.00	0.41	
102.00	2.17	
103.00	0.36	
104.00	0.34	
105.00	0.57	
106.00	0.98	
107.00	0.96	
108.00	0.24	
109.00	0.49	
110.00	0.43	
111.00	0.34	
112.00	0.41	
113.00	0.30	
114.00	0.24	
115.00	0.10	
116.00	0.43	
117.00	0.57	
118.00	0.45	
119.00	0.28	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.28	
121.00	1.25	
122.00	0.75	
123.00	0.55	
124.00	14.30	
125.00	8.01	
126.00	0.65	
127.00	0.59	
128.00	0.49	
129.00	8.85	
130.00	17.90	
131.00	18.30	
132.00	8.87	
133.00	5.22	
134.00	0.53	
135.00	0.90	
136.00	3.23	
137.00	19.10	
138.00	16.30	
139.00	7.54	
140.00	13.20	
141.00	0.90	
142.00	16.60	
143.00	10.20	
144.00	18.40	
145.00	12.40	
146.00	11.60	
147.00	20.20	
148.00	15.90	
149.00	12.90	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	10.70	
151.00	1.02	
152.00	17.00	
153.00	29.70	
154.00	1.18	
155.00	15.60	
156.00	11.00	
157.00	14.00	
158.00	14.90	
159.00	17.40	
160.00	0.47	
161.00	1.04	
162.00	6.86	
163.00	12.40	
164.00	2.23	
165.00	5.57	
166.00	0.47	
167.00	0.36	
168.00	0.26	
169.00	5.80	
170.00	0.20	
171.00	0.34	
172.00	0.51	
173.00	0.69	
174.00	8.63	
175.00	0.84	
176.00	19.00	
177.00	21.30	
178.00	15.10	
179.00	12.40	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	20.00	
181.00	18.90	
182.00	16.20	
183.00	16.50	
184.00	10.50	
185.00	7.93	
186.00	5.04	
187.00	2.27	
188.00	2.31	
189.00	9.61	
190.00	1.94	
191.00	10.90	
192.00	8.60	
193.00	6.42	
194.00	4.15	
195.00	2.17	
196.00	4.04	
197.00	2.14	
198.00	1.84	
199.00	9.42	
200.00	3.78	
201.00	1.62	
202.00	7.85	
203.00	2.01	
204.00	2.50	
205.00	5.03	
206.00	5.69	
207.00	14.50	
208.00	11.80	
209.00	16.00	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	1.58	
211.00	16.80	
212.00	16.70	
213.00	13.80	
214.00	13.30	
215.00	3.01	
216.00	6.09	
217.00	3.31	
218.00	5.30	
219.00	4.52	
220.00	2.34	
221.00	7.50	
222.00	15.10	
223.00	9.86	
224.00	9.82	
225.00	3.40	
226.00	3.05	
227.00	7.00	
228.00	5.83	
229.00	14.20	
230.00	9.86	
231.00	11.50	
232.00	7.35	
233.00	9.69	
234.00	4.04	
235.00	6.99	
236.00	4.66	
237.00	12.60	
238.00	5.36	
239.00	3.18	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	3.42	
241.00	3.75	
242.00	2.70	
243.00	3.27	
244.00	2.65	
245.00	1.60	
246.00	6.47	
247.00	1.72	
248.00	7.42	
249.00	4.52	
250.00	2.39	
251.00	1.83	
252.00	1.00	
253.00	0.40	
254.00	5.10	
255.00	7.99	
256.00	8.85	
257.00	4.44	
258.00	1.90	
259.00	7.77	
260.00	2.25	
261.00	4.04	
262.00	10.30	
263.00	5.39	
264.00	2.60	
265.00	10.70	
266.00	3.77	
267.00	20.60	
268.00	19.30	
269.00	20.90	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	4.05	
271.00	4.94	
272.00	14.40	
273.00	5.22	
274.00	4.01	
275.00	3.95	
276.00	6.68	
277.00	3.03	
278.00	4.32	
279.00	6.10	
280.00	0.24	
281.00	0.34	
282.00	0.77	
283.00	0.26	
284.00	0.38	
285.00	0.38	
286.00	0.32	
287.00	0.24	
288.00	0.59	
289.00	0.75	
290.00	10.80	
291.00	1.04	
292.00	1.41	
293.00	0.59	
294.00	0.08	
295.00	0.59	
296.00	11.90	
297.00	15.30	
298.00	3.91	
299.00	0.53	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	1.86	
301.00	9.86	
302.00	0.65	
303.00	1.94	
304.00	0.32	
305.00	2.13	
306.00	0.51	
307.00	0.32	
308.00	16.50	
309.00	15.40	
310.00	17.60	
311.00	12.40	
312.00	16.20	
313.00	16.00	
314.00	11.60	
315.00	12.10	
316.00	0.47	
317.00	0.90	
318.00	16.80	
319.00	15.70	
320.00	0.63	
321.00	11.80	
322.00	12.80	
EOH		

PROPERTY NAME

Hole: **DDH-KL-12-94** **Date: July 30. 2012**

Box #	From (m)	To (m)
1	5.79	12.03
2	12.03	18.72
3	18.72	24.76
4	24.76	31.00
5	31.00	36.87
6	36.87	42.58
7	42.58	48.13
8	48.13	53.95
9	53.95	59.77
10	59.77	65.50
11	65.50	71.31
12	71.31	76.89
13	76.89	82.90
14	82.90	88.57
15	88.57	94.41
16	94.41	99.92
17	99.92	105.20
18	105.20	110.62
19	110.62	116.11
20	116.11	121.74
21	121.74	127.48
22	127.48	133.20
23	133.20	138.97
24	138.97	144.80
25	144.80	150.68
26	150.68	156.00
27	156.00	161.55
28	161.55	167.33
29	167.33	173.04

PROPERTY NAME

30	173.04	178.92
31	178.92	184.47
32	184.47	190.11
33	190.11	195.54
34	195.54	200.86
35	200.86	206.56
36	206.56	212.34
37	212.34	218.13
38	218.13	223.83
39	223.83	229.46
40	229.46	234.65
41	234.65	239.88
42	239.88	245.01
43	245.01	251.26
44	251.26	256.39
45	256.39	261.73
46	261.73	267.31
47	267.31	273.34
48	273.34	278.97
49	278.97	284.62
50	284.62	290.41
51	290.41	295.72
52	295.72	301.32
53	301.32	306.84
54	306.84	312.63
55	312.63	318.40
56	318.40	322.17
EOH		

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: PIKA			382661.34	6889501.7	1427.275	297.79m

SECTION:

HOLE: DDH-KL-12-95

CLAIM: YC37988

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 27-30th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	38.71	38.71	GRD	Fresh granodiorite + patches of phyllic alteration.
38.71	70.73	32.02	GRD	Propylitic alteration w/ intervals of phyllic alteration.
70.73	123.10	52.37	GRD	Alternating moderate argillic, weak propylitic and
				strong phyllic alteration.
123.10	173.98	50.88	GRD	Propylitic alteration with patches of argillic and
				phyllic alteration.
173.98	226.32	52.34		Weak propylitic alteration with patches of phyllic
				and fresh granodiorite.
226.32	237.26	10.94	FEL	Quartz-feldspar-porphyry dyke.
237.26	260.10	22.84	GRD	Phyllic altered granodiorite with highly mineralized
				zone of blebby to semi-massive pyrite, arsenopyrite,
				chalcopyrite, sphalerite and galena hosted within
				quartz veins. Crustiform quartz-carbonate present.
				PIKA zone
260.1	297.79	37.69	GRD	Dominantly weakly propylitic altered granodiorite
				with intervals of phyllic and argillic alteration.
				EOH

SAMPLES

Numbers: N811164-N811261, N813918, N811262-N811379

Total: 216

Batch: 95-1 to 95-6

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-DDH-12-95 **Logger Name: Nikki Marsh** **Date: August 1st, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	38.71	38.71			0.00		GRD		MD	GY	MA					<<1					Fresh grey granodiorite with phyllic alteration halos surrounding sulphide-bearing veins and veinlets. Trace propylitic alteration. Limonite staining generally restricted to fractures. Fine, trace disseminated pyrite.
			7.11	12.22	5.11		GRD		LT	GN		3.00		PHC	4.00	1.00		Sp	<1		Light green phyllic altered granodiorite. Limonite staining on fractures. Patches of fresher granodiorite. Quartz veinlets throughout (often containing disseminated pyrite, galena and sphalerite).
																		Ga	<1		
			17.90	19.17	1.27		GRD		LT	GN		2.00		PHC	4.00	3.00		As	<1		Light green phyllic alteration halo enveloping 14cm crustiform quartz and quartz-carbonate vein hosting pyrite, arsenopyrite, galena and sphalerite.
																		Sp	<1		
																		Ga	<1		
			26.27	27.07	0.80		GRD		LT	GN		2.00		PHC	4.00	1.00					Phyllic alteration enveloping sphalerite and pyrite bearing veinlets.
38.71	40.30	1.59					GRD		LT	WH		3.00		PHC	3.00						Phyllic altered, light green granodiorite. Localized crustiform veinlets, small clay altered fault zones. Weak argillic alteration with trace potassic alteration. White-green-pink overall colour.
									LT	GN				POT							
														ARG							
40.30	70.73	30.43					GRD		MD	GY	MA	1.00		PHC	1.00	<1					Fresh and weakly propylitic altered granodiorite. Grey-green colour. Patches of weak phyllic alteration. Occasional dark-fine stringers and quartz veinlets. Quartz veins occasionally hosting pyrite, see secondary structures. Weak argillic alteration at end of interval.
									MD	GN				PRO	2.00						
			45.36	46.44	1.08		GRD		LT	GN				PHC		<1					Patchy argillic (with potassic overprinting) and phyllic alteration. Sulphide-bearing veinlets described in secondary structures.
			51.09	58.91	7.82		GRD		LT	GY				POT	1.00						Weakly argillic and potassic altered. Trace phyllic alteration. Localized disseminated
														ARG							
														PHC							
			63.39	64.70	1.31		GRD		LT	WH				POT	2.00						Weakly argillic and potassic altered granodiorite. Trace phyllic alteration. Localized disseminated pyrite and sulphide-bearing veins with phyllic alteration halos (see secondary structures log).
									LT	PK				ARG	2.00						
														PHC	1.00						
70.73	76.17	5.44					GRD		MD	OR		4.00		PHC	1.00						Oxidized and fragmented granodiorite with varying alterations. Patches with quartz eyes, argillic alteration and phyllic alteration. Localized quartz veinlets hosting sulphides (see secondary structures). Weak to strong argillic alteration. Grading from oxidized throughout t patches to fractures.
									LT	GN				ARG	2.00						
76.17	123.10	46.93					GRD		MD	GN		1.00		PHC	3.00	<1		Sp	<1		Alternating phyllic (weak to strong), argillic (weak to moderate) and weakly propylitic altered granodiorite. Less patches of limonite staining and more competent rock than previous interval. Localized sulphide-bearing veins within phyllic alteration (see secondary structures log), mineralization including sphalerite and pyrite. Few friable patches (associated with argillic alteration).
									LT	GN				PRO	2.00			Py	<1		
														ARG	3.00						
			85.98	89.65	3.67		GRD		MD	GY				PRO	1.00						Fresher interval of weakly propylitic altered granodiorite.
									MD	GN											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			89.65	91.38	1.73		GRD		MD	OR		4.00									Oxidized granodiorite. Heavily limonite stained. Patches are soft and/or friable.
			107.43	108.60	1.17		GRD		MD	OR		4.00									Heavily oxidized granodiorite. Limonite stained with fault gouge at contact with previous interval (hanging wall). Competent core with quartz eyes, heavily limonite stained.
			108.60	109.40	0.80		GRD		LT	GN				PHC	4.00						Strongly phyllic altered granodiorite.
			121.64	123.10	1.46		GRD		LT	GN		4.00		PHC	3.00						Phyllic alteration with patchy limonite staining over alteration. Some friable material.
									MD	OR											
123.10	223.68	100.58					GRD		MD	GN				PHC	1.00	<1					Weakly propylitic altered granodiorite with patches phyllic alteration enveloping sulphide-bearing veins and veinlets (see secondary structures log). Moderate propylitic alteration and heavy chloritization on fractures proximal to dyke.
									MD	GY				PRO	2.00						
			133.35	137.82	4.47		GRD		LT	GN				PHC	4.00	1.00		Gn	<1		Moderate argillic alteration grading into strong phyllic alteration. Quartz veins within phyllic altered zones host sphalerite, pyrite and galena. Grades out from phyllic alteration to argillic to weak propylitic altered granodiorite.
														ARG	2.00			Sp	<1		
			138.38	138.79	0.41		GRD		MD	OR	RU	4.00									Rubbly, extremely oxidized and limonite stained granodiorite.
			144.04	149.57	5.53		GRD		LT	GN				PHC	4.00	<1					Alternating phyllic and argillic (with potassic overprinting) altered granodiorite. Quartz and quartz-carbonate veinlets throughout (localized sulphide mineralization; see secondary structures log).
									LT	PK				ARG	3.00						
														POT	2.00						
			155.14	160.06	4.92		GRD		MD	GN				PHC	3.00	1.00					Moderately phyllic altered granodiorite with abundant dark-fine stringers (many hosting disseminated and small blebs of pyrite). A couple larger (cm scale) mineralized veins (see secondary structures log).
									LT	GN											
			160.49	170.60	10.11		GRD		MD	GY	MA										Very fresh granodiorite.
			173.98	175.57	1.59		FEL		LT	GY	PO										Quartz-feldspar-porphyry dyke. Varying size of phenocrysts (largest in center of interval, up to 4mm). Colours varying from light and dark grey-green to grey-purple. Quartz-carbonate veinlets throughout.
									DK	GY											
									DK	PU											
			196.40	200.46	4.06		GRD		LT	GN				PHC	4.00	<1	<1	Sp	<1		Strongly phyllic altered granodiorite with weak argillic/moderate potassic alteration at beginning of interval. Abundant sulphide mineralization and veining (see secondary structures log).
																		Gn	<1		
			218.05	219.80	1.75		GRD		LT	GN				PHC	3.00	2.00					Moderately phyllic altered granodiroite hosting blebby and disseminated pyrite.
223.68	226.32	2.64					GRD		LT	GN	PA			PHC	3.00						Granodiorite with patchy alteration. Alternating weak propylitic, moderate argillic and moderate phyllic alteration. Quartz veining within phyllic alteration (see secondary structures log). Argillic patches are friable.
														ARG	3.00						
														PRO	2.00						
226.32	237.26	10.94					FEL		LT	GY	PO					4.00					Quartz-feldspar porphyry dyke with varying phenocrysts size and colours from light grey, dark grey and grey-purple. Some phenocrysts light green colour (smectite?). Quartz-carbonate veinlets throughout with localized sulphide mineralization (see secondary structures log).
									MD	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
237.26	260.10	22.84					GRD		LT	GN				PHC	3.00	<1	<1	Gn	<1		Dominantly moderate (to strong) phyllic altered granodiorite with patches of weak propylitic altered granodiorite. Few patches of friable rock (faults?). Localized sulphide mineralization within veins (see secondary structures log). Disseminated pyrite, pyrite stringers and quartz-carbonate veinlets occurring throughout.
																		Sp	<1		
			239.37	239.66	0.29		FEL		MD	GY	PO										Quartz-feldspar porphyry dyke. Fault gouge and sulphide bearing vein on footwall contact.
			250.60	254.23	3.63		GRD		LT	GN			3.00	PHC	4.00	3.00		Gn	1.00		Heavily (sulphide) mineralized, phyllic altered granodiorite. Patches of silicification and quartz veins hosting sulphides (see secondary structures log).
																		Sp	1.00		
260.10	297.79	37.69					GRD		MD	GY	MA			PRO	2.00						Weakly propylitic altered granodiorite with weak alteration for the last 27cm of the hole. Patchy phyllic and argillic alterations described in sub-intervals (otherwise trace phyllic alteration). Quartz-carbonate veinlets throughout, sulphide-bearing veins and crustiform textures described in secondary structures log.
									LT	GN				PHC	1.00						
			264.64	266.51	1.87		GRD		LT	GN				PHC	4.00	<1					Granodiorite with strong phyllic alteration. Quartz veins hosting sulphides and crustiform quartz-carbonate veins described in secondary structures log.
			267.47	273.48	6.01		GRD		LT	GN				PHC	3.00	<1					Phyllic altered granodiorite with short intervals of weak propylitic and weak argillic alterations. Moderate to strong phyllic alteration with quartz and quartz-carbonate veins hosting sulphides (see secondary structures log). Disseminated pyrite throughout.
														PRO	1.00						
														ARG	1.00						
			282.52	285.59	3.07		GRD		LT	WH				ARG	3.00						Argillic altered granodiorite with potassic overprinting. Patches of dense tourmaline mineralization.
									LT	PK				PHC	2.00						
									LT	GN				POT	1.00						
			285.70	291.60	5.90				LT	GN				PHC	3.00	<1					Phyllic altered granodiorite with quartz and quartz-carbonate veins (see secondary structures log). Trace disseminated pyrite. Moderate to strong phyllic alteration.
																					EOH at 297.79m

KLAZA

Hole: KL-DDH-12-95 **Logger Name: Nicole Marsh** **Date: August 1st, 2012**

Depth (m)	DESCRIPTION
173.98	Granodiorite hanging wall, quartz-feldspar-porphyry dyke footwall. Abrupt contactat 55 degrees tca. Fine dissemainted pyrite in hanging wall.
175.57	Quartz-feldspar porphry dyke hanginwall, granodiorite footwall. Abrupt contact with 5.4cm quartz carbonate and quartz vein hosting blebby pyrite and sphalerite at 80 degrees tca.
226.32	Granodiorite hangingwall. Quartz-feldspar-porphy dyke footwall. Abrupt contact at 80 degrees tca. Dark green chlorite on fracture. Moderately propylitic altered hangingwall.
237.26	Quartz-feldspar porphry dyke hangingwall, granodiorite footwall. Abrupt contact at 40 degrees tca. Friable rock proximal to contact (phyllic altered fault material). No significant mineralization. Quartz-carbionate veins near contact.
	EOH

KLAZA

Hole: KL-DDH-12-95 **Logger Name: Nicole Marsh** **Date: August 1st, 2012**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	7.34	7.95			7.00	Py	<<1	Quartz veinlets within phyllic alteration. Trace disseminated pyrite. Various orientations.	
VT	8.52	8.67	50.00		2.00	Py	1.00	Quartz veinlet hosting dominantly semi-massive sphalerite, blebby pyrite and grace galena. Blebby and disseminated pyrite within alteration halo.	
						Gn	<1		
						Sp	1.00		
VT	11.43	11.46	65.00		1.00	Py	5.00	Blebby pyrite hosted in 9mm smoky and milky quartz veinlet. Disseminated pyrite within alteration envelope.	
VN	12.00	12.19	60.00		2.00	Sp	2.00	1cm Quartz-carbonate veinlet hosting semi-massive sphalerite and galena, and veinlet hosting pyrite and sphalerite.	
						Gn	5.00		
						Py	<1		
VN	16.91	16.96	70.00		1.00	Sp	<1	Sphalerite and galena hosted in smoky quartz and banded quartz-carbonate vein. 3cm in width.	
						Gn	<1		
VN	17.17	17.30	65.00		1.00	Py	3.00	Crustiform quartz-carbonate and quartz vein hosting blebby pyrite, sphalerite, arsenopyrite and galena. Disseminated pyrite within phyllic alteration envelope. Sulphides hosted in smoky quartz and minor milky quartz. 12cm in width.	
						As	1.00		
						Sp	5.00		
						Gn	<1		
VT	21.13	21.17	50.00		1.00	Py	<1	Quartz-carbonate veinlet hosting minor/small blebs of pyrite.	
ST	22.71	23.10	60.00		16.00			Black, fine stringers all orientated at 60-65 degrees to-core-axis (+1 quartz veinlet).	
VN	26.42	26.50	65.00		1.00	Py	2.00	Smoky quartz vein hosting disseminate pyrite. Cross cut by a quartz-carbonate vein. Quartz at 60 degrees to-core-axis, quartz-carbonate at 40 degrees (in opposing direction). ~1cm in width.	
VT	26.79	26.87	70.00		2.00	Sp	2.00	2 banded veinlets of smoky quartz and quartz-carbonate hosting dark-fine sphalerite and fine-disseminated pyrite.	
						Py	<1		
VT	30.68	30.76	60.00		2.00			Weakly crustiform quartz carbonate veinlets with small phyllic alteration halo.	
VT	36.40	36.43	70.00		1.00	Py	<1	Quartz-carbonate veinlet with minor disseminated pyrite. 1cm in width.	
VT	37.13	37.23	70.00		1.00	Sp	3.00	Smoky quartz veinlet hosting blebby sphalerite, galena and pyrite. Phyllic alteration envelope surrounding vein with disseminated pyrite. Also, crustiform quartz-carbonate veinlet hosting disseminated pyrite.	
			85.00			Gn	<1		
						Py	3.00		
FT	39.20	39.38	50.00		1.00	Py	1.00	Well developed fault gouge zone. Fine disseminated pyrite in hanging wall. Gouge 13cm in width.	
VT	41.80	42.45	70.00		1.00	Py	1.00	Quartz and quartz-carbonate veinlets hosting blebby and disseminated pyrite. First veinlet also hosting blebby sphalerite.	
						Sp	<1		
VT	45.60	45.63	70.00		1.00	Py	10.00	5mm smoky quartz veinlet hosting blebby and disseminated pyrite, and minor blebby sphalerite.	
						Sp	1.00		
VT	46.11	46.13	80.00		1.00	Py	15.00	2.1cm milky and smoky quartz and quartz-carbonate vein hosting blebby pyrite and dark aphanitic sulphides.	
BX	48.80	49.15	15.00		1.00	Cp	<1	Shallow fracture with brecciation, carbonate veinlets and smoky quartz at fracture. Kaolinite/montmorillonite on fracture. Oxidized clay (and one crystal of chalcopyrite) on fracture. Minor hematite. Chlorite within brecciation and fine red-brown matrix (~2cm of brecciation).	
VT	51.62	51.98	85.00		7.00	Py	5.00	Blebby pyrite and aphanitic sulphides hosted in smoky quartz veinlet within small friable zone. Veinlets ~1cm.	
VT	52.46	53.10			12.00	Py	1.00	Veinlets hosting disseminated and blebby pyrite and dark aphanitic sulphides. 2 pyrite stringers within interval. Various orientations. Smoky quartz and quartz-carbonate veinlets.	
VN	56.39	56.42	80.00		1.00	Py	1.00	Banded smoky quartz and quartz-carbonate vein hosting aphanitic sulphides, blebby and disseminated pyrite.	
ST	57.36	62.49	65.00		42.00			Fine, black stringers all orientated at 60 to 70 degrees to-core-axis. ~42 stringers, occasionally hosting trace blebby pyrite.	
VT	64.08	64.12	60.00		1.00			Smoky quartz and quartz-carbonate veinlet hosting disseminated and minor blebby pyrite. 7mm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	64.26	64.42	65.00		2.00	Py	5.00	Vuggy and crustiform quartz carbonate and smoky quartz veins and veinlets. Blebby pyrite and lesser abundance of sphalerite and galena. 2 main veins (1cm and 3cm) with stringers and veinlets within interval. Prismatic quartz on fracture.	
						Gn	<1		
						Sp	<1		
VT	67.05	67.07	35.00		1.00	Py	2.00	6mm smoky quartz and milky quartz veinlet hosting blebby pyrite.	
VN	68.75	68.92	35.00					Smoky quartz and carbonate vein (1cm).	
VN	71.40	71.49	40.00			Py	5.00	Milky and smoky quartz vein with abundant blebby pyrite and dark-aphanitic sulphides. 1.2cm in width.	
BX	71.65	71.83						Small patch of brecciation within friable oxidized material. Soft, white, fine matric with oxidized granodiorite clasts.	
VT	73.25	73.31	40.00			To	3.00	Quartz veinlet with disseminated pyrite and tourmaline.	
						Py	<1		
VN	74.85	74.94	55.00		2.00	As	<1	Weakly crustiform smoky quartz and quartz-carbonate vein hosting blebby pyrite, sphalerite with minor arsenopyrite and galena. Also, veinlet hosting semi-massive pyrite (6mm in width). Disseminated pyrite between veins.	
						Gn	<1		
						Sp	3.00		
						Py	5.00		
VN	75.59	75.53	80.00					Beige and white quartz carbonate (+- ankerite) and smoky quartz vein. Dominantly quartz-carbonate (ankerite?). Slightly Vuggy with minor disseminated pyrite. 12.2cm in width. 80 degrees to-core-axis.	
	76.60	76.13	30.00		1.00	Py	<1	1cm carbonate vein within highly oxidized and friable zone.	
VT	78.62	79.11	75.00		3.00	Gn	3.00	Quartz-carbonate (+- ankerite) veinlets hosting sphalerite, galena, pyrite and dark aphanitic sulphides.	
						Sp	1.00		
						Py	1.00		
VT	78.89	79.19	30.00		1.00			8mm quartz-carbonate veinlet.	
VT	79.24	79.28	60.00		1.00	Py	5.00	Small, sphalerite bearing enveloped by phyllic alteration with blebby pyrite. 7mm in width. Interval includes halo with blebby pyrite.	
						Sp	3.00		
VN	82.87	82.96	35.00					Brown stained/smoky quartz vein adjacent to ~1cm of limonite stained fault gouge.	
VN	84.45	84.56	70.00		1.00	Sp	7.00	Blebby sphalerite and fine disseminated pyrite hosted in quartz-carbonate and smoky quartz (mottled, blebby, not banded). And light green mineral (epidote? sericite?). ~7.2cm in width.	
						Py	<1		
VN	85.67	85.91	70.00		3.00	Py	2.00	Smoky quartz veins hosting disseminated pyrite. 3cm, 1.3cm and 5mm in widths.	
VN	92.34	94.62	10.00		2.00	Py	1.00	Shallow quartz and quartz-carbonate vein with minor disseminated pyrite (few small veins together) and carbonate vein (with minor quartz) with heavy limonite surrounding vein. Orientated 10 degrees to-core-axis.	
VN	98.73	98.77	80.00		1.00	Sp	2.00	Banded/weakly crustiform vein with dark aphanitic sulphides, fine pyrite, galena and sphalerite. White quartz (+some carbonate) and smoky quartz vein with veinlets hosting sulphides at 40 degrees to-core-axis.	
						Py	2.00		
VN	99.21	99.40	42.00		1.00	Py	<1	Weakly crustiform, slightly netted, quartz-carbonate vein. White with minor ankerite. 5cm in width. Hosting minor disseminated pyrite.	
VN	102.88	102.91	82.00		1.00	Py	1.00	Smoky quartz and white quartz-carbonate banded vein with dark aphanitic sulphides, pyrite and trace galena. 1.8cm in width.	
						Gn	<1		
VT	105.66	105.74	30.00		1.00			Crustiform quartz-carbonate veinlet at 30 degrees to-core-axis.	
VT	105.80	105.90						White, netted, quartz-carbonate veinlets.	
FT	107.36	107.65	50.00		1.00			Fault gouge zone. 24cm in width.	
VT	109.74	109.86	25.00		1.00			Smoky quartz veinlet. ~1cm in width.	
VN	109.91	109.96	86.00		1.00	Py	1.00	Crustiform quartz-carbonate vein bordered/banded with smoky quartz (hosting disseminated pyrite).	
VT	110.16	110.36	15.00		1.00	Py	1.00	Shallow quartz-carbonate and smoky quartz, stringy veinlet hosting blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
FT	110.65	110.72	50.00		1.00			Small, developing fault zone/gouge. Within phyllic alteration.	
VT	110.85	110.93	35.00		1.00			Smoky quartz and quartz-carbonate veinlet. ~7mm in width.	
VN	112.18	112.33	30.00		1.00	Py	1.00	Banded/stringy beige quartz-carbonate, smoky quartz vein. 1cm in width. Hosting dark-blue aphanitic mineral (aphanitic sulphides?) and disseminated and blebby pyrite.	
VN	116.79	119.20	50.00		3.00	Sp	3.00	Quartz-carbonate, smoky quartz and trace ankerite banded veins. Hosting blebby pyrite, sphalerite and galena. 1.3cm, 0.9cm and 2.2cm. Veins all orientated at 50 degrees to-core-axis.	
						Py	3.00		
						Gn	<1		
VN	119.47	119.51	70.00		1.00	Py	<1	White quartz-carbonate vein hosting disseminated and minor blebs of pyrite, galena and sphalerite.	
						Gn	<1		
						Sp	<1		
VN	119.51	119.60	77.00		1.00	Gn	4.00	Smoky quartz vein hosting blebby pyrite, galena and lesser percentage of sphalerite. Also, quartz and quartz-carbonate stringers hosting disseminated pyrite. Disseminated pyrite within phyllic alteration envelope.	
						Py	3.00		
						Sp	1.00		
VN	122.84	123.15	25.00		1.00	Py	1.00	Banded, limonite stained vein adjacent to ~3cm of friable/fragmented material (fault zone?) at 25 degrees to-core-axis. Brecciation at contact with fault zone (white carbonate matric with up to 4mm siliceous clasts). Banded with milky and smoky quartz, crustiform quartz-carbonate, ankerite and limonite stained mud infill. Blebby pyrite hosted within quartz. Vein 5cm in width.	
VN	133.87	133.92	60.00		1.00	Gn	3.00	Smoky quartz-carbonate vein hosting galena and pyrite. Blebby sphalerite and galena, and disseminated pyrite. 3cm in width.	
						Py	2.00		
VN	135.00	135.16			1.00	Py	5.00	Quartz vein (or heavy silicification) sitting on top of core, and vein of white quartz-carbonate and smoky quartz hosting blebby chalcopyrite, galena, sphalerite and pyrite. ~16cm in width.	
						Ch	3.00		
						Gn	2.00		
VT	136.29	136.31	70.00		1.00	Py	10.00	7mm carbonate-quartz vein hosting semi-massive pyrite on edge of vein (hosted within smoky quartz) and dark aphanitic sulphides.	
VT	138.85	138.90	75.00		1.00	Py	<1	Smoky quartz and quartz-carbonate vein (banded) hosting minor pyrite. Weakly crustiform. 2.6cm in width.	
VT	144.02	144.05	65.00		1.00	Py	2.00	Smoky quartz and quartz-carbonate veinlet hosting small blebs of pyrite with trace arsenopyrite. Small phyllic alteration halo. Heavy chlorite on proximal fractures.	
						As	<<1		
VN	144.87	144.93			1.00	Py	2.00	Quartz and quartz-carbonate vein hosting blebby pyrite. Unsure of orientation (convoluted).	
VN	146.75	147.02	50.00		1.00	Py	<1	Netted and brecciation quartz-carbonate and smoky quartz vein. Some crustiform textures, chalcedony, and vugs. Trace disseminated pyrite. 45 degrees to-core-axis at hanging wall, 70 degrees at footwall. Generally 50 degrees to-core-axis.	
VT	147.24	149.07	70.00		4.00			Crustiform quartz-carbonate and smoky quartz veinlets hosting trace disseminated pyrite. 50, 70 degrees to-core-axis. Including a 1.7cm vein.	
ST	154.69	160.49	65.00		100.00			Abundant dark stringers and veinlets composed of white carbonate and fine dark chlorite. 55-80 degrees to-core-axis (most 60-70 degrees to-core-axis). Over 100 stringers.	
VN	156.80	156.85	63.00		1.00	Py	5.00	1.7cm carbonate, chlorite and smoky quartz vein hosting blebby pyrite and minor tourmaline.	
VT	160.74	160.75	87.00			Py	5.00	White quartz-carbonate veinlet hosting blebby pyrite.	
VT	165.88	166.11				Py	1.00	Chlorite veinlet (shallow, 20 degrees to-core-axis). Veinlet cut by pyrite bearing smoky quartz veinlet at 85 degrees to-core-axis (in opposing direction).	
VT	170.75	173.85			8.00	Py	1.00	Smoky quartz and white quartz-carbonate veinlet hosting disseminated to blebby pyrite and trace galena. 30-85 degrees to-core-axis.	
						Gn	<<1		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
ST	173.98	175.57			25.00			Quartz-carbonate stringers throughout quartz-feldspar porphyry dyke. Fine and at various orientations (15-90 degrees to-core-axis). ~25 stringers.	
VT	175.51	175.59	75.00					7cm quartz-carbonate vein hosting minor blebby pyrite. Heavily chloritized on proximal fracture.	
FT	176.42	176.45	75.00		1.00			Small fault gouge zone. White clay and dark (aphanitic sulphide) gouge. Trace fine pyrite. 2.3cm in width.	
VT	180.12	180.27	65.00		2.00	Py	1.00	Smoky quartz and carbonate veinlets hosting disseminated pyrite.	
VT	184.67	190.15	65.00		7.00	Py	1.00	Smoky quartz and minor carbonate veinlets hosting blebby and disseminated pyrite. Up to1cm in width with phyllic alteration halo hosting disseminated pyrite.	
VN	196.90	197.21	70.00		3.00			Carbonate veins within developing fault zone. White with minor pink ankerite. Netted to solid carbonate. Orientated 60-70 degrees to-core-axis. 11cm, 4cm and 12cm.	
VN	197.43	197.57	50.00		1.00			5cm of grey chalcedony and 4cm of carbonate (vein).	
VT	197.64	197.70	80.00		2.00			2 veinlets of quartz-carbonate and smoky quartz hosting dark-aphanitic sulphides, band of pervasive blebby pyrite.	
VN	198.18	198.78	80.00		1.00	Py	7.00	Abundant sulphide mineralization hosted in smoky quartz within heavily veined zone. Bands of smoky quartz, carbonate, ankerite and quartz-carbonate. Blebby and semi-massive pyrite, galena and sphalerite. Disseminated pyrite throughout with localized semi-massive bands.	
						Gn	7.00		
						Sp	5.00		
VT	199.00	199.25	75.00		3.00	Py	<1	3 small smoky quartz and white quartz-carbonate veinlets hosting stringers and disseminated pyrite. ~1cm in width each.	
VN	199.18	199.22	85.00					2.6cm white carbonate vein.	
VT	199.76	200.00	60.00		6.00			Smoky quartz veinlets (2mm in width) and 1 grey chalcedony veinlet (5mm in width).	
VN	204.94	205.00	70.00		1.00	Py	10.00	2.6cm smoky quartz vein hosting blebby pyrite. Adjacent to ~1cm carbonate vein.	
VN	208.40	208.42	85.00		1.00	Py	<<1	Smoky quartz and quartz-carbonate vein with trace disseminated pyrite. 1.3cm in width.	
VT	208.59	209.16			7.00	Py	<<1	Quartz-carbonate veinlets. ~1mm-2mm in width. Trace disseminated pyrite. Various orientations (50-85 degrees to-core-axis).	
VT	211.65	211.67	75.00		1.00	Py	1.00	4mm weakly crustiform quartz-carbonate veinlet hosting trace galena and disseminated pyrite within phyllic alteration envelope.	
VN	214.43	214.48				Py	1.00	1.4cm vitreous, white quartz vein hosting semi-massive pyrite and galena. Disseminated pyrite within phyllic alteration envelope.	
						Gn	<1		
VT	217.30	217.34	80.00		2.00	Py	2.00	Smoky quartz veinlets hosting fine disseminated pyrite at 85 and 50 degrees to-core-axis.	
			50.00						
VN	218.42	218.52	30.00					Smoky quartz and quartz-carbonate vein hosting coarse-blebby pyrite (< or = 1cm blebs). Adjacent to small fault zone (1.6cm in width).	
FT	218.54	218.66	30.00		2.00	Py	1.00	Fault gouge hosting minor disseminated pyrite. Fault at 30 degrees to-core-axis. Light green colour. Blebby pyrite hosted in footwall of fault.	
VN	221.19	224.64	80.00		2.00	Py	1.00	Smoky quartz and white quartz-carbonate veins hosting disseminated to blebby pyrite. 2.6cm and 2cm in widths. Orientated at 80 and 50 degrees to-core-axis.	
			50.00						
VN	226.18	226.21	70.00		1.00			Smoky quartz and quartz-carbonate vein at 70 degrees to-core-axis. 1.1cm in width.	
VN	226.66	227.16	85.00		2.00	Py	1.00	Banded, weakly crustiform ankerite and quartz-carbonate vein hosting sphalerite and pyrite (fine sphalerite, small blebs of pyrite). 1cm and 2cm in widths.	
						Sp	<1		
VT	227.01	227.16	40.00		3.00			2 grey chalcedony veinlets at 40 degrees to-core-axis and a brecciated quartz-carbonate vein (white quartz carbonate with small brown quartz-feldspar porphyry clasts; 1.2cm in width).	
VT	227.23	237.00			24.00			White quartz-carbonate veinlets. Orientated 45-80 degrees to-core-axis.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	230.19	230.30	35.00		2.00	Py	1.00	Quartz-carbonate and fine-blue mineral (aphanitic sulphides) vein hosting trace blebby pyrite. 1cm and 0.4cm in widths. 35 and 40 degrees to-core-axis.	
FT	230.37	230.58	30.00		1.00			Small fault zone at 30 degrees to-core-axis. Green colour (phyllic alteration) and clay altered. Friable/fragmented.	
VT	236.42	236.59	50.00		3.00			Interval of granodiorite within dyke with minor veining. Quartz carbonate and smoky quartz (+fine blue mineral) veinlets. Orientated at 50, 60 and 30 degrees to-core-axis.	
			60.00						
			30.00						
FT	237.34	237.59	33.00					Clay altered fault gouge zone. Green colour (phyllic alteration). Minor black-aphanitic sulphide gouge present.	
VN	237.59	237.66	85.00		1.00	Py	<1	Quartz-carbonate, quartz and fine blue mineral (aphanitic sulphides?) vein hosting trace disseminated pyrite. 5cm in width.	
VN	239.63	239.67	85.00		1.00	Py	10.00	Banded vein of smoky quartz and white quartz-carbonate hosting dark grey aphanitic sulphides, blebby pyrite, galena and sphalerite. 3.6cm in width. At contact with dyke.	
						Ga	2.00		
						Sp	1.00		
FT	240.12	240.25	15.00		1.00			Moderately developed fault gouge at 15 degrees to-core-axis. Phyllic altered (light green). 1.2cm in width.	
FT	243.11	243.48	15.00		1.00			Weak to moderately developed fault gouge hosting fragmented quartz and quartz-carbonate veinlets. Fault gouge hosting dark-aphanitic sulphide gouge and loose crystals of pyrite (disseminated to semi-massive).	
VN	243.60	243.90	30.00		1.00	Py	5.00	Smoky quartz vein hosting pervasive tourmaline, stringers and disseminated pyrite (minor semi-massive pyrite) and blebby galena. Quartz-carbonate present. Also, veinlet hosting pervasive pyrite at 30 degrees to-core-axis. Vein at 60 degrees to-core-axis and 1.4cm in width.	
						Ga	1.00		
VN	245.06	246.32	65.00			Sp	6.00		
						Cp	5.00		
						Py	15.00		
						As	<1		
VN	247.26	247.30	60.00					White carbonate vein at 60 degrees to-core-axis. 1.3cm in width.	
VN	247.37	248.21	22.00			Py	8.00	Milky and smoky quartz vein hosting tourmaline and pervasive blebby pyrite. 2.4cm in width.	
VN	249.14	249.32	25.00		2.00	Py	3.00	Smoky quartz and white quartz-carbonate vein (1.2cm in width) and veinlet hosting blebby pyrite and sphalerite. Proximal to patch of blotchy/heavy tourmaline. Vein and veinlet orientated at 25 and 78 degrees to-core-axis.	
			78.00			Sp	1.00		
VT	249.62	249.86	20.00			Py	1.00	Smoky quartz and white quartz-carbonate veinlet hosting pervasive pyrite. Disseminated pyrite hosted within phyllic alteration halo.	
ST	250.18	250.45	75.00		7.00	Py	3.00	Pyrite stringers orientated at 70-80 degrees to-core-axis, hosted within smoky quartz. Millimeter scale fault with gouge in fracture also within interval (minor sulphide gouge).	
VN	250.59	250.62	85.00			Py	15.00	Banded smoky quartz and white quartz-carbonate vein hosting bands of blebby pyrite, arsenopyrite and sphalerite.	
						As	2.00		
						Sp	7.00		
VN	250.80	250.90				Py	3.00	Dark-grey quartz vein hosting disseminated pyrite and abundant dark aphanitic sulphides (minor sulphide gouge on fracture).	
VT	250.91	251.30			5.00	Py	7.00	Quartz veinlets hosting blebby pyrite. Disseminated and blebby pyrite hosted within phyllic alteration between veinlets. Tourmaline also present. Orientated 15, 70, 50, 50 and 65 degrees to-core-axis.	
VN	251.30	251.49	60.00		1.00	Py	10.00	Milky and smoky quartz vein hosting pervasive blebby pyrite and chalcopyrite, bands of sphalerite and minor disseminated galena. Stringers and veinlets of beige quartz-carbonate and minor tourmaline included in vein. 9cm in width.	
						Cp	10.00		
						Gn	<1		
						Sp	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	251.51	252.13	65.00		3.00	Py	5.00	Quartz-carbonate and smoky quartz veinlets hosting disseminated, blebby and massive pyrite and galena. Sphalerite, pyrite and galena on fracture. Veins within highly silicified zone.	
						Gn	1.00		
						Sp	1.00		
VN	252.13	252.35	50.00		1.00	Cp	10.00	Large, heavily mineralized smoky quartz vein hosting beige quartz-carbonate veinlets, blebby to semi-massive galena, sphalerite, arsenopyrite and massive pyrite. Tourmaline also present. Vuggy textures within quartz-carbonate veinlets.	
						Sp	15.00		
						Gn	10.00		
						Py	7.00		
						As	7.00		
VN	252.40	252.70	23.00		1.00	Py	2.00	Vitreous milky quartz vein hosting blebby pyrite. Vein within zone of abundant tourmaline (tourmaline between veins and on edges of veins). Blebby pyrite between veins. 3cm and 6cm in widths.	
VN	253.03	253.30	32.00		2.00	To	5.00	2 white vitreous quartz veins (~1cm each) hosting blebby and semi-massive pyrite. Pervasive pyrite on fracture at end of interval.	
						Py	3.00		
VN	253.72	253.74	85.00		1.00	Py	1.00	Ankerite and carbonate crustiform and Vuggy vein. Excellent epithermal textures. Disseminated pyrite surrounding vein. 1.9cm in width/	
VN	253.75	253.89				Py	1.00	Smoky quartz vein hosting disseminated pyrite and pyrite stringers. 4.5cm in width. Friable rock between this vein and next vein.	
						To	1.00		
VN	253.97	254.21	80.00		1.00	Sp	15.00	Banded milky quartz and quartz-carbonate (+-ankerite). Abundant sulphide mineralization. Vein hosts bands of sphalerite, blebby to massive pyrite and dark-aphanitic sulphides. 23cm in width. Bands at 75-85 degrees to-core-axis.	
						Py	25.00		
VT	255.51	255.61	80.00		4.00			Stringy quartz carbonate veinlets.	
VN	259.59	259.68	87.00		1.00	Cp	35.00	Heavily mineralized vein. Blebby chalcopyrite (pervasive 3.4cm band), sphalerite (fine and blebby band) and blebby pyrite hosted in vitreous-grey quartz. 8.2cm in width.	
						Py	3.00		
						Sp	10.00		
VN	262.95	262.98	90.00		1.00	Py	5.00	White-vitreous quartz vein hosting blebby pyrite and blebby galena. 2.2cm in width.	
						Gn	1.00		
VN	264.65	265.00	55.00		2.00	Py	2.00	White vitreous quartz vein hosting blebby pyrite. 1.5cm in width.	
VN	265.89	266.01	75.00		3.00	As	<1	2 vitreous quartz veins hosting blebby pyrite and trace arsenopyrite (at 45 degrees to-core-axis, 1.5 and 2.3cm in widths) cut by quartz-sphalerite-pyrite vein at 75 degrees to-core-axis.	
						Py	2.00		
						Sp	1.00		
VT	268.00	268.12	40.00			Py	2.00	Milky quartz veinlets (5mm, 7mm and 8mm in widths) at 40-50 degrees to-core-axis. Hosting blebby and fine disseminated pyrite.	
VN	269.75	270.20	10.00		1.00	Py	1.00	Shallow (10 degrees to-core-axis) milky quartz vein hosting blebby and fine disseminated pyrite. Abundant blebby pyrite on fracture (at beginning of interval). 6cm in width.	
FT	270.90	271.32	7.00			Py	<1	Green chlorite rich fault zone (~1cm in width). Orientated 7 degrees to-core-axis.	
VT	273.64	274.10	10.00			Py	<1	Chlorite and quartz-carbonate veinlet (7mm in width) hosting trace disseminated pyrite.	
VN	280.09	280.21	85.00		2.00	Py	<1	Stringy smoky quartz and white quartz-carbonate veins hosting trace disseminated pyrite. 1.1cm and 26cm in widths.	
VT	287.04	287.15	30.00					Dark aphanitic veinlet (aphanitic sulphides?).	
FT	287.30	287.94	65.00		2.00			Clay altered and phyllic altered fault gouge (moderately to well developed faulty zone). 6.5cm and 1.9cm widths.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	287.46	287.73	50.00		2.00	Py	2.00	Black, aphanitic sulphides, blebby pyrite (with <<1% arsenopyrite intestinally between pyrite blebs?) hosted in milky and smoky quartz (+fine-dark mineral). 4.5cm and 2.4cm widths.	
VN	289.91	290.73	50.00		4.00	Py	<1	White/grey vitreous quartz veins and silicification hosting fine disseminated pyrite. 2cm, 5.5cm, 6cm and 1.2cm widths. All but last vein at 50 degrees to-core-axis. Last vein at 20 degrees to-core-axis, offset by ~0.6cm and small fault infilled with quartz-carbonate (6mm in width).	
								EOH	

KLAZA

Hole: KL-DDH-12-95 **Date: August 1st, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
17.71	9.7	5.2	517.4	326.2	GRD	MA					2.511644	2.706067	Fresh granodiorite.
37.13	10.7	5.2	593.7	378.2	GRD	MA	PHC	4	Py	3	2.612683	2.754988	
									Sp	3			Phyllic altered granodiorite with galena, sphalerite and pyrite hosted within quartz veinlet.
									Gn	1			
51.88	9.7	5.2	499	303.2	GRD	MA	PHC	3	Py	2	2.422324	2.548519	Moderately phyllic altered granodiorite with smoky quartz and quartz-carbonate veinlets bearing blebby pyrite.
63.49	7.7	5.2	439.5	285.8	GRD	MA	POT	2			2.687643	2.859466	Argillic and potassic altered granodiorite.
							ARG	2					
							PRO	1					
88.4	9.4	5.2	504	316.6	GRD	MA	PRO	2			2.524679	2.689434	Weakly propylitic altered granodiorite.
104.02	9.2	5.2	496.6	312	GRD	MA	PHC	4			2.541688	2.690141	Moderately phyllic altered granodiorite.
119.11	9.5	5.2	545.8	354.8	GRD	MA	PHC	4	Sp	1	2.705287	2.857592	Phyllic altered granodiorite with 3cm wide smoky quartz and quartz-carbonate hosting sphalerite and pyrite.
									Py	1			
227.37	9.8	5.2	527.8	331.7	FEL	PO					2.535985	2.691484	Porphyritic quartz-feldspar-porphyry dyke.
238.44	9.9	5.2	529.4	332.6	GRD	MA	PRO	3	Py	<1	2.517979	2.690041	Moderately propylitic altered granodiorite with 1cm milky quartz vein hosting disseminated pyrite.
253.97	10.9	5.2	702.1	494.3	GRD	MA	PHC	4	Sp	15	3.033024	3.37873	Pervasive pyrite and sphalerite mineralization hosted within smoky quartz vein (see secondary structures log).
									Py	25			
280.12	10.1	5.2	552.8	350	GRD	MA	PHC	4		25	2.577212	2.725838	Phyllic altered granodiorite with quartz-carbonate and smoky quartz veinlets.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
284.75	9.9	5.2	511.5	312.7	GRD	MA	PHC	3			2.432842	2.572938	Phyllic, potassic and argillic altered granodiorite. Pink, white and green colour (phyllic and potassic overprinting argillic alteration).
							POT	2					
							ARG	2					
													EOH

KLAZA

Hole: KL-DDH-12-95 **Date:** August 1st, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
7.11	8.26	1.15	1.15	100	N811164	1				
8.26	9.26	1.00	1.00	100	N811165	1				
9.26	10.88	1.62	1.62	100	N811166	1				
10.88	12.16	1.28	1.28	100	N811167	1				
12.16	14.26	2.10	1.91	91	N811168	1				
					N811169	1				STD-KL-1
14.26	15.44	1.18	1.18	100	N811170	1				
15.44	16.44	1.00	1.00	100	N811171	1				
16.44	17.90	1.46	1.46	100	N811172	1				
17.90	18.90	1.00	1.00	100	N811173	1				
					N811174	1				BLANK
18.90	19.90	1.00	1.00	100	N811175	1				
19.90	22.90	3.00	3.00	100	N811176	1				
22.90	25.14	2.24	2.24	100	N811177	1				
25.14	26.14	1.00	1.00	100	N811178	1				
26.14	27.14	1.00	1.00	100	N811179	1				
27.14	28.14	1.00	1.00	100	N811180	1				
28.14	30.40	2.26	2.26	100	N811181	1				
30.40	31.40	1.00	1.00	100	N811182	1				
31.40	34.40	3.00	3.00	100	N811183	1				
					N811184	1				COARSE REJECT DUPLICATE
34.40	36.19	1.79	1.71	95.5	N811185	1				
36.19	37.30	1.11	1.11	100	N811186	1				
37.30	38.71	1.41	1.41	100	N811187	1				
					N811188	1				1/4 DUPLICATE
38.71	39.83	1.12	1.12	100	N811189	1				
39.83	41.76	1.93	1.93	100	N811190	1				
41.76	42.76	1.00	1.00	100	N811191	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811192	1				KL-STD-2
42.76	45.55	2.79	2.75	98.6	N811193	1				
45.55	46.62	1.07	1.07	100	N811194	1				
					N811195	1				BLANK
46.62	49.71	3.09	3.05	98.7	N811196	1				
49.71	51.08	1.37	1.36	99.3	N811197	1				
51.08	52.55	1.47	1.47	100	N811198	1				
52.55	53.85	1.30	1.28	98.5	N811199	1				
53.85	54.94	1.09	1.09	100	N811200	2				
54.94	56.40	1.46	1.46	100	N811201	2				
56.40	57.40	1.00	1.00	100	N811202	2				
57.40	60.40	3.00	3.00	100	N811203	2				
60.40	63.40	3.00	3.00	100	N811204	2				
63.40	64.50	1.10	1.10	100	N811205	2				
64.50	65.50	1.00	1.00	100	N811206	2				
65.50	67.41	1.91	1.91	100	N811207	2				
					N811208	2				STD-KL-2
67.41	68.41	1.00	1.00	100	N811209	2				
68.41	69.41	1.00	1.00	100	N811210	2				
					N811211	2				1/4 DUPLICATE
69.41	70.82	1.41	1.41	100	N811212	2				
70.82	71.86	1.04	1.00	96.2	N811213	2				
71.86	74.04	2.18	2.04	93.6	N811214	2				Rubble
74.04	75.18	1.14	1.09	95.6	N811215	2				
75.18	76.54	1.36	1.36	100	N811216	2				
76.54	77.54	1.00	1.00	100	N811217	2				
77.54	79.28	1.74	1.74	100	N811218	2				
					N811219	2				BLANK
79.28	80.28	1.00	1.00	100	N811220	2				
80.28	81.86	1.58	1.58	100	N811221	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
81.86	83.13	1.27	1.27	100	N811222	2				
83.13	84.43	1.30	1.30	100	N811223	2				
					N811224	2				COARSE REJECT DUPLICATE
84.43	85.94	1.51	1.51	100	N811225	2				
85.94	87.00	1.06	1.00	94.3	N811226	2				
					N811227	2				KL-STD-2
87.00	90.00	3.00	2.98	99.3	N811228	2				
90.00	91.42	1.42	1.42	100	N811229	2				
91.42	92.42	1.00	0.94	94	N811230	2				
92.42	93.72	1.30	1.30	100	N811231	2				
					N811232	2				BLANK
93.72	94.72	1.00	1.00	100	N811233	2				
94.72	95.72	1.00	1.00	100	N811234	2				
95.72	97.55	1.83	1.72	94	N811235	2				
97.55	98.55	1.00	1.00	100	N811236	3				
98.55	99.55	1.00	1.00	100	N811237	3				
99.55	100.55	1.00	1.00	100	N811238	3				
100.55	102.88	2.33	2.33	100	N811239	3				
102.88	103.88	1.00	1.00	100	N811240	3				
103.88	106.13	2.25	2.25	100	N811241	3				
					N811242	3				STD-KL-2
106.13	107.13	1.00	1.00	100	N811243	3				
107.13	108.13	1.00	1.00	100	N811244	3				
108.13	109.13	1.00	1.00	100	N811245	3				
					N811246	3				BLANK
109.13	110.94	1.81	1.74	96.1	N811247	3				
110.94	112.36	1.42	1.38	97.2	N811248	3				
112.36	114.00	1.64	1.57	95.7	N811249	3				
					N811250	3				1/4 DUPLICATE
114.00	116.59	2.59	2.50	96.5	N811251	3				
116.59	117.59	1.00	1.00	100	N811252	3				
117.59	118.87	1.28	1.28	100	N811253	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
118.87	119.87	1.00	1.00	100	N811254	3				
119.87	121.65	1.78	1.78	100	N811255	3				
121.65	123.08	1.43	1.21	84.6	N811256	3				
123.08	126.00	2.92	2.92	100	N811257	3				
126.00	129.00	3.00	3.00	100	N811258	3				
129.00	131.84	2.84	2.84	100	N811259	3				
131.84	132.84	1.00	1.00	100	N811260	3				
132.84	133.84	1.00	1.00	100	N811261	3				
					N813918	3				KL-STD-3 *Sample number out of sequence
133.84	135.37	1.53	1.50	98	N811262	3				
135.37	136.37	1.00	1.00	100	N811263	3				
136.37	137.37	1.00	1.00	100	N811264	3				
137.37	138.95	1.58	1.55	98.1	N811265	3				
138.95	141.95	3.00	2.95	98.3	N811266	3				
					N811267	3				COARSE REJECT DUPLICATE
141.95	144.00	2.05	2.05	100	N811268	3				
					N811271	3				BLANK *Sample number out of sequence.
144.00	145.69	1.69	1.66	98.2	N811269	3				
145.69	147.27	1.58	1.56	98.7	N811270	4				
147.27	149.09	1.82	1.82	100	N811272	4				
149.09	150.09	1.00	1.00	100	N811273	4				
150.09	153.09	3.00	2.90	96.7	N811274	4				
153.09	155.15	2.06	2.04	99	N811275	4				
155.15	156.40	1.25	1.25	100	N811276	4				
156.40	158.05	1.65	1.65	100	N811277	4				
158.05	160.17	2.12	2.07	97.6	N811278	4				
160.17	163.17	3.00	3.00	100	N811279	4				
					N811280	4				STD-KL-3
163.17	166.17	3.00	3.00	100	N811281	4				
166.17	169.17	3.00	3.00	100	N811282	4				
169.17	171.64	2.47	2.47	100	N811283	4				
171.64	172.86	1.22	1.21	99.2	N811284	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811285	4				1/4 DUPLICATE
172.86	173.97	1.11	1.11	100	N811286	4				
173.97	175.51	1.54	1.54	100	N811287	4				
175.51	176.51	1.00	1.00	100	N811288	4				
176.51	178.00	1.49	1.49	100	N811289	4				
178.00	181.50	3.50	2.94	84	N811290	4				
181.50	183.25	1.75	1.75	100	N811291	4				
					N811292	4				COARSE REJECT DUPLICATE
183.25	184.63	1.38	1.38	100	N811293	4				
184.63	186.20	1.57	1.57	100	N811294	4				
					N811295	4				BLANK
186.20	187.90	1.70	1.68	98.8	N811296	4				
187.90	188.90	1.00	1.00	100	N811297	4				
188.90	191.87	2.97	2.96	99.7	N811298	4				
191.87	192.87	1.00	1.00	100	N811299	4				
192.87	194.16	1.29	1.29	100	N811300	4				
					N811301	4				STD-KL-1
194.16	195.86	1.70	1.70	100	N811302	4				
195.86	196.86	1.00	0.99	99	N811303	4				
196.86	198.02	1.16	1.13	97.4	N811304	4				
198.02	199.25	1.23	1.23	100	N811305	4				
					N811306	4				BLANK
199.25	200.47	1.22	1.22	100	N811307	5				
200.47	203.47	3.00	3.00	100	N811308	5				
203.47	205.06	1.59	1.50	94.3	N811309	5				
205.06	208.00	2.94	2.90	98.6	N811310	5				
208.00	210.00	2.00	2.00	100	N811311	5				
210.00	212.00	2.00	1.86	93	N811312	5				
212.00	213.29	1.29	1.29	100	N811313	5				
213.29	214.52	1.23	1.23	100	N811314	5				
214.52	217.18	2.66	2.66	100	N811315	5				
217.18	218.18	1.00	1.00	100	N811316	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811317	5				COARSE REJECT
218.18	219.80	1.62	1.62	100	N811318	5				
219.80	221.59	1.79	1.79	100	N811319	5				
221.59	223.68	2.09	2.09	100	N811320	5				
223.68	224.76	1.08	1.07	99.1	N811321	5				
224.76	226.32	1.56	1.56	100	N811322	5				
226.32	227.32	1.00	1.00	100	N811323	5				
227.32	229.32	2.00	1.98	99	N811324	5				
					N811325	5				1/4 DUPLICATE
229.32	232.32	3.00	2.98	99.3	N811326	5				
232.32	235.25	2.93	2.93	100	N811327	5				
					N811328	5				STD-KL-2
235.25	236.25	1.00	1.00	100	N811329	5				
236.25	237.25	1.00	0.99	99	N811330	5				
237.25	238.25	1.00	1.00	100	N811331	5				
					N811332	5				BLANK
238.25	239.33	1.08	1.08	100	N811333	5				
239.33	240.93	1.60	1.57	98.1	N811334	5				
240.93	242.60	1.67	1.64	98.2	N811335	5				
					N811336	5				STD-KL-1
242.60	243.90	1.30	1.28	98.5	N811337	5				
243.90	245.39	1.49	1.37	91.9	N811338	5				
245.39	247.28	1.89	1.89	100	N811339	5				
					N811340	5				BLANK
247.28	248.28	1.00	1.00	100	N811341	5				
248.28	249.28	1.00	1.00	100	N811342	5				
249.28	250.57	1.29	1.29	100	N811343	6				
250.57	252.85	2.28	2.21	96.9	N811344	6				
					N811345	6				BLANK
252.85	254.22	1.37	1.33	97.1	N811346	6				
254.22	255.22	1.00	1.00	100	N811347	6				
255.22	257.08	1.86	1.86	100	N811348	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
257.08	258.75	1.67	1.67	100	N811349	6				
258.75	259.75	1.00	1.00	100	N811350	6				
259.75	261.90	2.15	2.15	100	N811351	6				
					N811352	6				COARSE REJECT DUPLICATE
261.90	262.97	1.07	1.07	100	N811353	6				
					N811354	6				STD-KL-2
262.97	264.65	1.68	1.68	100	N811355	6				
264.65	266.32	1.67	1.67	100	N811356	6				
266.32	267.47	1.15	1.10	95.7	N811357	6				
267.47	268.47	1.00	1.00	100	N811358	6				
268.47	269.65	1.18	1.13	95.8	N811359	6				
					N811360	6				1/4 DUPLICATE
269.65	270.75	1.10	1.04	94.5	N811361	6				
270.75	272.05	1.30	1.25	96.2	N811362	6				
272.05	273.49	1.44	1.44	100	N811363	6				
273.49	276.49	3.00	3.00	100	N811364	6				
276.49	278.21	1.72	1.72	100	N811365	6				
					N811366	6				STD-KL-2
278.21	279.81	1.60	1.60	100	N811367	6				
279.81	280.83	1.02	1.00	98	N811368	6				
280.83	282.52	1.69	1.69	100	N811369	6				
282.52	284.08	1.56	1.50	96.2	N811370	6				
284.08	286.00	1.92	1.92	100	N811371	6				
286.00	287.00	1.00	1.00	100	N811372	6				
287.00	288.00	1.00	1.00	100	N811373	6				
					N811374	6				BLANK
288.00	289.90	1.90	1.90	100	N811375	6				
289.90	291.00	1.10	1.08	98.2	N811376	6				
291.00	292.90	1.90	1.90	100	N811377	6				
292.90	295.90	3.00	3.00	100	N811378	6				
					N811379	6				End of sampling DDH-12-95

KLAZA

Hole: DH-12-64 **Tech Name: Larissa** **Date: June 7, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.35	3.35	1.20	36	0.30	9		1	0S	4W	OVB
3.35	6.10	2.75	2.40	87	0.97	35		2	4S	3W	
6.10	8.23	2.13	2.10	99	1.20	56		2	3S	3W	
8.23	11.28	3.05	3.01	99	2.48	81		2	3S	3W	
11.28	14.33	3.05	2.75	90	2.09	69		2	3S	3W	
14.33	17.37	3.04	3.05	100	2.30	76		2	3S	3W	
17.37	20.42	3.05	2.95	97	2.42	79		2	3S	3W	
20.42	23.47	3.05	2.98	98	2.35	77		2	3S	3W	
23.47	26.52	3.05	3.00	98	2.55	84		2	4S	3W	
26.52	29.57	3.05	3.05	100	2.59	85		2	4S	3W	
29.57	32.61	3.04	3.00	99	1.77	58		2	2S	3W	
32.61	35.66	3.05	2.95	97	2.11	69		2	4S	3W	
35.66	38.71	3.05	3.02	99	2.66	87		2	4S	2W	
38.71	41.76	3.05	3.05	100	1.28	42		2	2S	2W	
41.76	44.81	3.05	2.95	97	2.76	90		2	4S	2W	
44.81	47.85	3.04	2.89	95	2.15	71		2	3S	2W	
47.85	50.90	3.05	2.78	91	1.85	61		1	3S	2W	
50.90	53.95	3.05	2.92	96	1.50	49		2	3S	2W	
53.95	57.00	3.05	2.96	97	2.30	75		2	3S	2W	
57.00	60.05	3.05	3.00	98	2.70	89		2	4S	1W	
60.05	63.09	3.04	2.89	95	2.54	84		1	4S	1W	
63.09	66.14	3.05	2.95	97	2.11	69		2	2S	1W	
66.14	69.19	3.05	2.90	95	1.80	59		2	3S	1W	
69.19	72.24	3.05	2.90	95	0.66	22		1	2S	3W	
72.24	75.29	3.05	2.85	93	0.39	13		1	0S	3W	
75.29	78.33	3.04	3.00	99	15.50	510		1	0S	5W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.98	98	2.10	69		2	0S	3W	
81.38	84.43	3.05	3.05	100	2.59	85		2	2S	2W	
84.43	87.48	3.05	3.05	100	2.16	71		2	4S	3W	
87.48	90.53	3.05	3.05	100	1.72	56		2	0S	3W	
90.53	93.57	3.04	2.96	97	1.25	41		2	2S	3W	
93.57	96.62	3.05	2.91	95	0.83	27		2	2S	3W	
96.62	99.67	3.05	3.05	100	2.75	90		2	2S	3W	
99.67	102.72	3.05	3.05	100	1.95	64		2	4S	2W	
102.72	105.77	3.05	3.05	100	2.29	75		2	2S	3W	
105.77	108.81	3.04	3.04	100	2.06	68		2	3S	3W	
108.81	111.86	3.05	3.02	99	1.40	46		2	2S	3W	
111.86	114.91	3.05	3.05	100	2.00	66		2	5S	2W	
114.91	117.96	3.05	2.95	97	1.96	64		2	4S	2W	
117.96	121.01	3.05	3.05	100	2.41	79		2	1S	3W	
121.01	124.05	3.04	2.78	91	1.70	56		2	2S	3W	
124.05	127.10	3.05	3.05	100	1.84	60		2	4S	3W	
127.10	130.15	3.05	3.00	98	2.29	75		2	3S	2W	
130.15	133.20	3.05	3.05	100	2.64	87		2	3S	2W	
133.20	136.25	3.05	3.01	99	2.30	75		2	3S	2W	
136.25	139.29	3.04	2.82	93	1.65	54		1	2S	3W	
139.29	142.34	3.05	2.94	96	2.30	75		2	4S	2W	
142.34	145.39	3.05	3.05	100	2.60	85		2	5S	2W	
145.39	148.44	3.05	3.03	99	2.64	87		2	3S	2W	
148.44	151.49	3.05	2.96	97	2.41	79		2	4S	2W	
151.49	154.53	3.04	3.00	99	2.33	77		2	5S	2W	
154.53	157.58	3.05	2.98	98	2.58	85		2	5S	3W	
157.58	160.63	3.05	3.00	98	2.56	84		2	5S	2W	
160.63	163.68	3.05	3.04	100	2.66	87		2	3S	2W	
163.68	166.73	3.05	3.05	100	2.75	90		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.03	100	2.50	82		2	4S	2W	
169.77	172.82	3.05	3.04	100	2.68	88		2	4S	2W	
172.82	175.87	3.05	3.00	98	2.13	70		2	3S	2W	
175.87	178.92	3.05	2.80	92	1.50	49		2	3S	2W	
178.92	181.97	3.05	2.88	94	1.90	62		2	3S	2W	
181.97	185.01	3.04	3.04	100	1.74	57		2	4S	2W	
185.01	188.06	3.05	3.05	100	2.22	73		2	4S	2W	
188.06	191.11	3.05	2.96	97	2.11	69		2	4S	2W	
191.11	194.16	3.05	2.80	92	1.53	50		1	2S	3W	
194.16	197.21	3.05	2.93	96	2.35	77		2	3S	2W	
197.21	200.25	3.04	3.05	100	2.24	74		2	3S	2W	
200.25	203.30	3.05	3.04	100	2.00	66		2	4S	2W	
203.30	206.35	3.05	3.03	99	2.35	77		2	3S	2W	
206.35	209.40	3.05	3.05	100	2.23	73		2	3S	2W	
209.40	212.15	2.75	2.75	100	2.80	102		2	3S	1W	
212.15	215.49	3.34	2.90	87	1.40	42		2	3S	1W	
215.49	218.54	3.05	2.88	94	1.22	40		2	3S	1W	
218.54	221.59	3.05	2.90	95	1.00	33		2	0S	1W	
221.59	224.64	3.05	2.85	93	1.04	34		2	2S	1W	
224.64	227.69	3.05	2.91	95	1.28	42		2	3S	1W	
227.69	230.73	3.04	2.90	95	0.95	31		2	3S	1W	
230.73	233.78	3.05	3.00	98	1.60	52		2	3S	1W	
233.78	236.83	3.05	2.85	93	2.10	69		2	3S	1W	
236.83	239.27	2.44	2.25	92	1.05	43		2	2S	1W	
239.27	239.88	0.61	0.55	90	0.22	36		2	2S	1W	
239.88	242.93	3.05	2.92	96	1.12	37		2	1S	1W	
242.93	245.98	3.05	2.45	80	0.82	27		2	1S	1W	
245.98	249.02	3.04	2.95	97	1.85	61		2	3S	1W	
249.02	252.07	3.05	2.75	90	1.45	48		2	3S	1W	
252.07	255.12	3.05	2.95	97	0.95	31		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
255.12	258.17	3.05	3.05	100	1.52	50		2	3S	1W	
258.17	261.21	3.04	3.00	99	1.85	61		2	3S	1W	
261.21	264.26	3.05	3.05	100	2.25	74		2	4S	1W	
264.26	267.31	3.05	3.05	100	2.25	74		2	4S	1W	
267.31	270.36	3.05	2.88	94	2.29	75		2	4S	1W	
270.36	273.41	3.05	2.84	93	1.49	49		2	3S	1W	
273.41	276.45	3.04	2.89	95	2.30	76		2	3S	1W	
276.45	279.50	3.05	3.05	100	3.05	100		2	3S	1W	
279.50	282.55	3.05	3.05	100	2.54	83		2	4S	1W	
282.55	285.60	3.05	2.95	97	2.74	90		2	3S	1W	
285.60	288.65	3.05	3.03	99	1.77	58		2	3S	1W	
288.65	291.69	3.04	2.97	98	2.82	93		2	3S	1W	
291.69	294.74	3.05	3.06	100	2.94	96		2	3S	1W	
294.74	297.79	3.05	2.96	97	2.60	85		2	4S	1W	EOH

KLAZA

Hole:DDH-KL-12-95 Tech Name: Larissa Pepper Date: June 7, 2012 Page _1__ of ___

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.35	3.35	-	-	-	-	-	-	Casing
3.35	6.10	2.75	-	-	-	-	-	-	Casing
6.10	8.23	2.13	70.00	0.10	2.00	2.00	3R	3W	
8.23	11.28	3.05	60.00	0.65	1.00	2.00	3R	3W	
11.28	14.33	3.05	25.00	0.75	2.00	2.00	3R	3W	
14.33	17.37	3.04	30.00	0.50	10.00	2.00	3R	3W	
17.37	20.42	3.05	60.00	0.15	2.00	2.00	3R	3W	
20.42	23.47	3.05	70.00	0.90	1.00	2.00	3R	3W	
23.47	26.52	3.05	-	-	-	-	-	-	very competent
26.52	29.57	3.05	-	-	-	-	-	-	very competent
29.57	32.61	3.04	-	-	-	-	-	-	
32.61	35.66	3.05	30.00	0.60	4.00	1.00	3R	3W	
35.66	38.71	3.05	-	-	-	-	-	-	
38.71	41.76	3.05	55.00	0.70	7.00	2.00	3R	3W	
41.76	44.81	3.05	45.00	0.40	0.00	1.00	2R	2W	Additional joint sets: 70,0.65,0,2,2R,2W
44.81	47.85	3.04	55.00	0.20	0.00	2.00	3R	2W	
47.85	50.90	3.05	-	-	-	-	-	-	
50.90	53.95	3.05	50.00	0.70	1.00	2.00	3R	2W	Additional joint sets: 75,.20,0,2,3R,2W
53.95	57.00	3.05	60.00	0.10	0.00	3.00	3R	1W	
57.00	60.05	3.05	45.00	0.80	0.00	2.00	3R	1W	
60.05	63.09	3.04	40.00	0.08	3.00	2.00	3R	1W	Additional joint sets: 65,.40,1,1,2R,1W
63.09	66.14	3.05	-	-	-	-	-	-	
66.14	69.19	3.05	40.00	0.20	2.00	2.00	3R	2W	
69.19	72.24	3.05	-	-	-	-	-	-	Broken/ Rubbly
72.24	75.29	3.05	-	-	-	-	-	-	Broken/ Rubbly
75.29	78.33	3.04	-	-	-	-	-	-	Broken/ Rubbly
78.33	81.38	3.05	60.00	0.30	1.00	2.00	3R	2W	1 Single 4 cm gouge
81.38	84.43	3.05	-	-	-	-	-	-	
84.43	87.48	3.05	50.00	0.55	1.00	2.00	3R	3W	
87.48	90.53	3.05	45.00	0.15	3.00	1.00	3R	3W	
90.53	93.57	3.04	60.00	0.05	1.00	2.00	3R	2W	

KLAZA

93.57	96.62	3.05	35.00	0.15	1.00	2.00	3R	3W	
96.62	99.67	3.05	-	-	-	-	-	-	Very competent
99.67	102.72	3.05	-	-	-	-	-	-	
102.72	105.77	3.05	40.00	0.50	1.00	2.00	3R	2W	
105.77	108.81	3.04	40.00	0.10	2.00	2.00	3R	3W	
108.81	111.86	3.05	50.00	0.50	3.00	2.00	3R	3W	Additional joint sets:20,0.70,1,2,3R,3W
111.86	114.91	3.05	-	-	-	-	-	-	
114.91	117.96	3.05	60.00	0.30	3.00	2.00	3R	2W	
117.96	121.01	3.05	30.00	1.10	8.00	2.00	3R	2W	
121.01	124.05	3.04	40.00	0.40	20.00	2.00	3R	3W	
124.05	127.10	3.05	40.00	0.70	4.00	2.00	3R	3W	
127.10	130.15	3.05	60.00	1.37	0.00	2.00	2R	2W	
130.15	133.20	3.05	50.00	0.07	0.00	2.00	2R	1W	
133.20	136.25	3.05	50.00	0.14	0.00	1.00	2R	3W	
136.25	139.29	3.04	30.00	0.08	0.00	1.00	2R	2W	
139.29	142.34	3.05	50.00	1.70	0.00	1.00	3R	2W	
142.34	145.39	3.05	45.00	0.19	0.00	1.00	3R	1W	
145.39	148.44	3.05	50.00	1.52	0.00	1.00	2R	2W	
148.44	151.49	3.05	20.00	0.43	0.00	1.00	2R	2W	Additional joint sets: 80,0.13,0,1,3R,2W
151.49	154.53	3.04	45.00	0.07	0.00	1.00	3R	2W	Additional joint sets: 55,0.14,0,1,2R,2W
154.53	157.58	3.05	70.00	1.34	0.00	1.00	2R	2W	
157.58	160.63	3.05	-	-	-	-	-	-	
160.63	163.68	3.05	50.00	0.78	0.00	1.00	2R	2W	
163.68	166.73	3.05	50.00	0.90	0.00	1.00	2R	2W	
166.73	169.77	3.04	70.00	0.19	2.00	1.00	2R	2W	
169.77	172.82	3.05	60.00	0.23	0.00	1.00	2R	2W	
172.82	175.87	3.05	70.00	0.48	1.00	1.00	2R	2W	
175.87	178.92	3.05	65.00	0.20	0.00	1.00	3R	3W	
178.92	181.97	3.05	60.00	0.07	0.00	1.00	2R	2W	Additional joint sets: 80,0.30,0,1,3R,3W
181.97	185.01	3.04	40.00	1.02	3.00	1.00	2R	2W	
185.01	188.06	3.05	45.00	1.28	0.00	1.00	2R	2W	
188.06	191.11	3.05	60.00	1.92	0.00	1.00	2R	2W	Additional joint sets: 40,0.12,0,1,2R,2W
191.11	194.16	3.05	60.00	0.67	0.00	1.00	3R	2W	
194.16	197.21	3.05	-	-	-	-	-	-	
197.21	200.25	3.04	50.00	1.97	0.00	1.00	2R	2W	
200.25	203.30	3.05	50.00	0.47	0.00	1.00	2R	2W	
203.30	206.35	3.05	30.00	0.06	0.00	1.00	2R	2W	
206.35	209.40	3.05	-	-	-	-	-	-	
209.40	212.15	2.75	60.00	0.10	0.00	1.00	2R	1W	
212.15	215.49	3.34	45.00	0.64	0.00	1.00	2R	1W	
215.49	218.54	3.05	35.00	0.20	0.00	1.00	3R	1W	
218.54	221.59	3.05	77.00	0.11	0.00	1.00	2R	1W	

KLAZA

221.59	224.64	3.05	4.00	0.54	0.00	1.00	2R	1W	
224.64	227.69	3.05	62.00	1.10	0.00	1.00	2R	1W	
227.69	230.73	3.04	80.00	0.15	0.00	1.00	2R	1W	
230.73	233.78	3.05	55.00	1.35	0.00	1.00	2R	1W	
233.78	236.83	3.05	35.00	0.47	0.00	1.00	2R	1W	
236.83	239.27	2.44	45.00	0.35	0.00	1.00	2R	1W	
239.27	239.88	0.61	-	-	-	-	-	-	
239.88	242.93	3.05	55.00	0.15	0.00	1.00	2R	1W	
242.93	245.98	3.05	60.00	0.10	0.00	1.00	2R	1W	
245.98	249.02	3.04	60.00	0.92	0.00	1.00	2R	1W	
249.02	252.07	3.05	50.00	0.25	0.00	1.00	2R	1W	
252.07	255.12	3.05	70.00	0.10	0.00	1.00	2R	1W	
255.12	258.17	3.05	40.00	1.45	0.00	1.00	2R	1W	
258.17	261.21	3.04	70.00	0.98	0.00	1.00	2R	1W	
261.21	264.26	3.05	50.00	1.17	0.00	1.00	2R	1W	
264.26	267.31	3.05	-	-	-	-	-	-	
267.31	270.36	3.05	20.00	0.50	0.00	3.00	3R	1W	
270.36	273.41	3.05	40.00	0.09	0.00	2.00	3R	1W	
273.41	276.45	3.04	25.00	0.35	0.00	1.00	2R	1W	
276.45	279.50	3.05	-	-	-	-	-	-	
279.50	282.55	3.05	-	-	-	-	-	-	
282.55	285.60	3.05	70.00	0.63	0.00	1.00	3R	1W	
285.60	288.65	3.05	40.00	0.03	0.00	2.00	3R	1W	
288.65	291.69	3.04	45.00	0.40	0.00	2.00	3R	2W	
291.69	294.74	3.05	50.00	1.10	0.00	2.00	2R	2W	
294.74	297.79	3.05	45.00	1.25	0.00	2.00	3R	2W	EOH @ 297.79m

KLAZA

Hole: DH-KL-12-9 Date: June 7, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	n/a	casing
3.00	n/a	casing
4.00	n/a	casing
5.00	n/a	casing
6.00	n/a	casing
7.00	20.20	
8.00	3.03	
9.00	3.23	
10.00	3.47	
11.00	4.33	
12.00	5.16	
13.00	15.90	
14.00	18.70	
15.00	28.50	
16.00	5.08	
17.00	16.40	
18.00	4.81	
19.00	4.26	
20.00	19.90	
21.00	28.00	
22.00	21.70	
23.00	3.04	
24.00	19.30	
25.00	15.20	
26.00	9.04	
27.00	6.18	
28.00	21.20	
29.00	21.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	17.40	
31.00	13.10	
32.00	18.70	
33.00	5.21	
34.00	7.32	
35.00	13.60	
36.00	20.70	
37.00	15.70	
38.00	21.40	
39.00	3.69	
40.00	7.24	
41.00	22.20	
42.00	22.50	
43.00	0.62	
44.00	12.80	
45.00	15.00	
46.00	0.27	
47.00	6.93	
48.00	15.50	
49.00	0.16	
50.00	20.30	
51.00	14.70	
52.00	0.23	
53.00	0.27	
54.00	0.38	
55.00	0.43	
56.00	0.51	
57.00	5.98	
58.00	21.10	
59.00	25.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.20	
61.00	12.60	
62.00	23.30	
63.00	2.04	
64.00	0.21	
65.00	9.42	
66.00	20.20	
67.00	0.29	
68.00	0.45	
69.00	20.80	
70.00	3.66	
71.00	0.27	
72.00	0.21	
73.00	0.73	
74.00	0.34	
75.00	0.27	
76.00	1.15	
77.00	12.40	
78.00	0.32	
79.00	0.58	
80.00	2.33	
81.00	0.38	
82.00	0.42	
83.00	2.87	
84.00	13.30	
85.00	1.83	
86.00	3.76	
87.00	10.40	
88.00	29.30	
89.00	21.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	14.60	
91.00	0.34	
92.00	0.21	
93.00	0.67	
94.00	0.21	
95.00	1.24	
96.00	0.53	
97.00	11.90	
98.00	21.20	
99.00	0.27	
100.00	1.17	
101.00	7.30	
102.00	20.10	
103.00	0.27	
104.00	0.27	
105.00	1.53	
106.00	0.36	
107.00	0.95	
108.00	0.25	
109.00	0.38	
110.00	0.75	
111.00	0.38	
112.00	0.40	
113.00	1.84	
114.00	18.30	
115.00	19.80	
116.00	17.50	
117.00	0.54	
118.00	18.40	
119.00	0.89	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	19.20	
121.00	0.42	
122.00	0.76	
123.00	0.29	
124.00	8.49	
125.00	10.90	
126.00	13.70	
127.00	17.20	
128.00	6.84	
129.00	15.00	
130.00	13.80	
131.00	12.60	
132.00	16.30	
133.00	11.80	
134.00	0.64	
135.00	0.38	
136.00	19.10	
137.00	0.60	
138.00	13.60	
139.00	5.32	
140.00	14.70	
141.00	15.80	
142.00	13.80	
143.00	15.30	
144.00	0.96	
145.00	0.49	
146.00	0.40	
147.00	0.45	
148.00	13.50	
149.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	13.80	
151.00	13.90	
152.00	12.90	
153.00	17.90	
154.00	2.85	
155.00	16.50	
156.00	14.40	
157.00	2.48	
158.00	0.60	
159.00	0.31	
160.00	0.65	
161.00	25.00	
162.00	13.00	
163.00	17.40	
164.00	16.10	
165.00	20.60	
166.00	2.96	
167.00	21.30	
168.00	20.70	
169.00	9.13	
170.00	13.30	
171.00	27.90	
172.00	19.40	
173.00	2.01	
174.00	1.53	
175.00	8.50	
176.00	0.86	
177.00	0.54	
178.00	9.22	
179.00	11.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	4.02	
181.00	13.20	
182.00	18.40	
183.00	12.20	
184.00	1.24	
185.00	19.90	
186.00	16.30	
187.00	16.40	
188.00	1.24	
189.00	20.00	
190.00	19.20	
191.00	10.60	
192.00	0.45	
193.00	9.04	
194.00	23.40	
195.00	18.80	
196.00	18.20	
197.00	0.93	
198.00	0.20	
199.00	0.34	
200.00	0.53	
201.00	12.30	
202.00	6.67	
203.00	18.00	
204.00	0.87	
205.00	0.73	
206.00	13.70	
207.00	7.06	
208.00	15.70	
209.00	0.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	n/a	missed
211.00	n/a	missed
212.00	n/a	missed
213.00	1.86	
214.00	4.39	
215.00	2.15	
216.00	1.55	
217.00	2.26	
218.00	1.92	
219.00	2.78	
220.00	2.48	
221.00	4.22	
222.00	9.09	
223.00	1.32	
224.00	3.29	
225.00	2.61	
226.00	3.33	
227.00	1.44	
228.00	2.79	
229.00	1.44	
230.00	1.95	
231.00	2.90	
232.00	1.79	
233.00	1.15	
234.00	1.84	
235.00	2.19	
236.00	1.97	
237.00	2.43	
238.00	2.58	
239.00	3.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	1.61	
241.00	1.55	
242.00	3.78	
243.00	2.15	
244.00	1.44	
245.00	1.66	
246.00	2.21	
247.00	1.33	
248.00	1.70	
249.00	3.38	
250.00	1.07	
251.00	1.40	
252.00	2.21	
253.00	1.57	
254.00	2.15	
255.00	1.44	
256.00	2.14	
257.00	2.32	
258.00	1.09	
259.00	1.35	
260.00	2.54	
261.00	11.80	
262.00	2.76	
263.00	10.40	
264.00	2.92	
265.00	1.15	
266.00	2.06	
267.00	6.91	
268.00	0.23	
269.00	9.73	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.34	
271.00	0.18	
272.00	0.12	
273.00	0.82	
274.00	0.49	
275.00	0.49	
276.00	2.19	
277.00	17.80	
278.00	18.60	
279.00	19.00	
280.00	0.98	
281.00	15.30	
282.00	13.80	
283.00	0.86	
284.00	0.34	
285.00	0.56	
286.00	1.97	
287.00	0.25	
288.00	0.34	
289.00	0.91	
290.00	0.58	
291.00	0.49	
292.00	2.43	
293.00	3.86	
294.00	21.60	
295.00	22.20	
296.00	23.20	
297.00	9.42	EOH @ 297.79m

KLAZA

Hole: **DDH-KL-12-95** **Date: June 7, 2012**

Box #	From (m)	To (m)
1	0.00	6.73
2	6.73	12.22
3	12.22	17.90
4	17.90	23.47
5	23.47	29.35
6	29.35	35.01
7	35.01	40.44
8	40.44	46.11
9	46.11	51.60
10	51.60	57.00
11	57.00	62.58
12	62.58	68.57
13	68.57	73.41
14	73.41	78.51
15	78.51	84.03
16	84.03	89.48
17	89.48	95.00
18	95.00	100.36
19	100.36	105.77
20	105.77	110.85
21	110.85	117.00
22	117.00	121.44
23	121.44	127.10
24	127.10	132.41
25	132.41	138.02
26	138.02	143.55
27	143.55	149.18
28	149.18	154.53
29	154.53	160.49

KLAZA

30	160.49	165.88
31	165.88	170.05
32	170.05	176.77
33	176.77	182.57
34	182.57	188.06
35	188.06	193.59
36	193.59	199.17
37	199.17	204.86
38	204.86	209.53
39	209.53	216.38
40	216.38	221.88
41	221.88	227.62
42	227.62	233.32
43	233.32	238.90
44	238.90	244.60
45	244.60	249.93
46	249.93	255.61
47	255.61	261.21
48	261.21	266.96
49	266.96	272.47
50	272.47	278.21
51	278.21	283.85
52	283.85	289.26
53	289.26	294.94
54	294.94	297.79
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			381509.02	6890034	1258.499	389.23

SECTION:

HOLE: DDH-KL-12-96

CLAIM: YC37984

Contractor:

Drill: Strike

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: July 29-Aug 2, 2012

TARGET:

Geology logged by: D. Walsh

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.75	7.75	OVB	Overburden
7.75	59.00	51.25	GRD	Oxidized and argillic altered granodiorite.
59.00	66.14	7.14	GRD	Grey granodiorite.
66.14	77.40	11.26	GRD	Argillic altered granodiorite with a propyllitic overprint.
77.40	203.35	125.95	GRD	Granodiorite with a few patches of argillic alteration.
203.35	213.16	9.81	GRD	Phyllic altered granodiorite partially altered to gouge.
213.16	237.55	24.39	GRD	Argillic altered granodiorite with a potassic overprint.
237.55	270.42	32.87	GRD	Granodiorite with patchy propyllitic and argillic alterat
270.42	328.52	58.10	GRD	Alternating patches of propyllitic and argillic alteration
328.52	330.06	1.54	GRD	Phyllic altered granodiorite with quartz sulphide venle
330.06	330.67	0.61	VEN	Smokey quartz vein hosting disseminated to massive
				pyrite, arsenopyrite, galena and sphalerite.
330.67	331.71	1.04	GRD	Phyllic altered granodiorite hosting with sulphide vein
331.71	332.5	0.79	FEL	Quartz feldspar porphyry dyke.
332.50	369.28	36.78	GRD	Phyllic altered granodiorite hosting with sulphide vein
369.28	378.24	8.96	GRD	Phyllic altered granodiorite with propyllitic alteration.
378.24	389.23	10.99	GRD	propyllitic altered granodiorite with a potassic overpri

SAMPLES

Numbers: N813887 - N814000, M355001 - M355095

Total: 207

Batch: 1-6

Date Sent:

Certificate:

COMMENTS

EOH=389.23

KLAZA

Hole: DDH-KL-12-96 **Logger Name:** D. Walsh **Date: July 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	7.75	7.75					OVB														Overburden
7.75	59.00	51.25				mKgW	GRD	MG		WH		3-4I		ARG	3-4I						Moderate to strongly oxidized and argillic altered granodiorite granodiorite. Argillic alteration has a weak propyllitic overprint. Oxidation is patchy with depth.
									DK	GN	PA			PRO	2I						
										OR	PA										
59.00	66.14	7.14				mKgW	GRD	MG		GY		3I									Grey granodiorite with moderate oxidation along fracture surfaces that decrease with depth.
66.14	77.40	11.26				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate propyllitic overprint. Contains a few patches of moderate phyllic alteration. The interval host multiple white carbonate veinlets.
									DK	GN				PRO	3I						
									LT	GN	PA			PHC	3I						
			74.95	76.60	1.65	mKgW	GRD	MG		GY											Grey granodiorite.
77.40	203.35	125.95				mKgW	GRD	MG		GY											Grey granodiorite with the occasional patch of argillic alteration.
										WH				ARG	3I						
			78.18	78.53	0.35	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz vein which hosts trace amounts of disseminated pyrite.
			81.38	81.68	0.30	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic and argillic altered granodiorite.
										WH				ARG	3I						
			92.50	97.00	4.50	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite with a few patches of moderate argillic alteration. The interval hosts multiple grey quartz and white carbonate veins and veinlets.
										WH	PA			ARG	3I						
			103.00	104.54	1.54	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite hosting a patch of partially altered clay gouge.
			105.55	105.83	0.28	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz and tan carbonate vein hosting disseminated pyrite.
			106.41	107.20	0.79	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic granodiorite with a weak potassic overprint. Hosts multiple small phyllic envelopes around white carbonate veinlets.
										PK				POT	2I						
									LT	GN	EN			PRO	3I						
			108.62	109.86	1.24	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic granodiorite with a weak potassic overprint. Hosts multiple small phyllic envelopes around white carbonate veinlets.
										PK				POT	2I						
									LT	GN	EN			PHC	3I						
			110.40	112.14	1.74	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around a brecciated quartz carbonate vein.
			115.00	115.45	0.45	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a tan carbonate and grey quartz vein hosting disseminated pyrite.
			117.70	117.90	0.20	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding two milky white to smokey quartz veinlets hosts disseminated pyrite.
			127.02	134.10	7.08	mKgW	GRD	MG	LT	GN				PHC	3I						Alternating patches of moderate phyllic alteration and moderate argillic altered granodiorite with a weak potassic overprint.
										WH				ARG	3I						
										PK				POT	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			135.80	136.45	0.65	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite with ~30cm of partially altered to clay gouge in the center.
			146.28	146.50	0.22	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately silicified and moderate phyllic envelope surrounding a quartz carbonate vein hosting disseminated pyrite.
										GY											
			146.50	148.50	2.00	mKgW	GRD	MG		WH				ARG	2-3I						Weak to moderate argillic altered granodiorite with a weak to moderate potassic overprint.
										PK				POT	2-3I						
			148.50	149.52	1.02	mKgW	GRD	MG	DK	GN				PRO	3I	1.00					Moderate propyllitic altered granodiorite hosting disseminated pyrite and is partially altered to grey gouge.
			160.00	162.72	2.72	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint hosting multiple quartz carbonate veins with small to moderate phyllic envelopes.
										PK				POT	3I						
									LT	GN	EN			PHC	3I						
			163.33	163.80	0.47	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding two tan carbonate veinlets.
			163.80	166.10	2.30	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			166.10	168.70	2.60	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite hosting multiple quartz carbonate veins and carbonate veinlets. The phyllic alteration is strongest around veins and veinlets.
			172.72	173.23	0.51	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic alteration hosts an abundance of white veinlets and stringers.
			178.10	179.49	1.39	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic envelope surrounding a silicified and brecciated smokey quartz and white carbonate vein hosting disseminated pyrite.
			187.33	188.55	1.22	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic envelope hosting multiple quartz sulphide veins.
			189.35	194.16	4.81	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and weak propyllitic overprint.
										PK				POT	3I						
									DK	GN				PRO	2I						
			200.94	201.85	0.91	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and propyllitic overprint.
										PK				POT	3I						
									DK	GN				PRO	3I						
203.35	213.16	9.81				mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite. The upper 2/3 are partially altered too clay gouge and the bottom 1/3 hosts multiple quartz sulphide veins.
										GY											
			209.20	209.97	0.77	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and propyllitic overprint.
										PK				POT	3I						
									DK	GN				PRO	3I						
213.16	237.55	24.39				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and weak propyllitic overprint with patches of moderate propyllitic altered granodiorite.
										PK				POT	3I						
									DK	GN				PRO	2I						
									DK	GN	PA			PRO	3I						
			222.51	223.58	1.07	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite.
			228.82	230.84	2.02	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			235.18	235.80	0.62	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around a smokey quartz sulphide vein.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
237.55	270.42	32.87				mKgW	GRD	MG	DK	GN	PA			PRO	3I						Grey granodiorite with patches of weak propyllitic and potassic and moderate argillic alteration.
										PK	PA			POT	2I						
										WH	PA			ARG	3I						
			239.62	240.86	1.24	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite hosting a quartz carbonate vein with disseminated pyrite.
			243.76	243.96	0.20	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding moderate phyllic envelope.
			248.72	251.72	3.00	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic altered granodiorite hosting two smokey quartz veins, one at the top and the bottom of the interval
			251.72	252.23	0.51	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			257.40	257.90	0.50	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz vein with disseminated pyrite.
			268.97	270.41	1.44	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic and propyllitic overprint.
										PK				POT	2I						
									DK	GN				PRO	2I						
270.42	278.90	8.48				mKgW	GRD	MG	LT	GN				PHC	3I	<1					Moderately phyllic altered granodiorite hosting an abundance of grey to smokey quartz vein and veinlets which host disseminated sulphide.
278.90	328.52	49.62				mKgW	GRD	MG	DK	GN				PRO	2-3I						Alternating patches of moderate propyllitic alteration and moderate argillic altered granodiorite with a weak potassic and propyllitic overprint. Intervals containing multiple moderate phyllic envelopes surround quartz or carbonate veinlets.
										WH				ARG	3I						
										PK				POT	2I						
									LT	GN	EN			PHC	3I						
			307.72	309.88	2.16	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			312.90	313.63	0.73	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			314.38	315.40	1.02	mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderately phyllic altered granodiorite.
328.52	369.28	40.76				mKgW	GRD	MG	LT	GN				PHC	3I						Moderate to strong phyllic altered granodiorite which host multiple large smokey quartz veins along with an abundance of quartz/[pyrite veinlets and stringers and grey clay gouge zones.
										GY											
			331.72	332.50	0.78	LKqP	FEL			GY											Grey/green and purple quartz feldspar porphyry dyke. Contains a few gouge filled fractures.
			333.62	338.55	4.93	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite that has been partially altered to clay gouge. The interval hosts a few quartz-sulphide veins and veinlets.
										GY											
			339.82	340.30	0.48	LKqP	FEL			GY											Grey and pink quartz feldspar porphyry dyke.
			342.77	351.10	8.33	mKgW	GRD	MG		GN				PHC	3I	3.00					Moderately phyllic and moderately silicified altered granodiorite hosting multiple large low angle quartz sulphide veins and an abundance of quartz/pyrite veinlets and stringers along with a few gouge zones.
										GY			3I								
			351.10	353.66	2.56	mKgW	GRD	MG		GN				PHC	3I	3.00					Strongly phyllic altered granodiorite hosting an abundance of quartz/sulphide veinlet's and stringer's
									LT	GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			353.66	354.18	0.52	LKqP	FEL			GY											Grey fine grained quartz feldspar porphyry dyke.
			362.82	362.87	0.05	LKqP	FEL			GY											Grey fine grained quartz feldspar porphyry dyke.
			364.25	364.61	0.36	LKqP	FEL			GY											Grey fine grained quartz feldspar porphyry dyke.
			365.95	366.73	0.78	LKqP	FEL			GY											Grey fine grained quartz feldspar porphyry dyke.
369.28	378.24	8.96				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint
									LT	GN				PHC	2I						
			370.39	371.19	0.80	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite with patches of moderate propyllitic alteration..
										WH	PA			ARG	3I						
			376.96	377.90	0.94	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
378.24	389.23	10.99				mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite with a weak potassic overprint. The interval hosts multiple white carbonate stringers.
										PK				POT	2I						
										GY											
			383.40	383.69	0.29	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
																					EOH

KLAZA

Hole: DDH-KL-12-96 Logger Name: D. Walsh

Depth (m)		DESCRIPTION
331.72		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
332.50		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
339.82		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
340.30		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
353.66		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
354.18		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
362.82		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
362.87		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
364.25		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
364.61		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
365.95		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.
366.73		Sharp contact between moderately phyllic alterad granodiorite and quartz feldspar porphyry dyke.

KLAZA

Hole: DDH-KL-12-96 **Logger Name:** D. Walsh **Date:** July 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
DK	74.95	75.00	50.00					Silicified dark red aplite dyke.	
VN	78.31	78.33	65.00			Py	1.00	Grey quartz vein hosting disseminated pyrite and arsenopyrite.	
						As	1.00		
VN	84.47	84.49	35.00			Sp	1.00	White carbonate vein with a grey quartz veinlet exhibiting colloform texture. Hosts disseminated pyrite.	
VN	89.15	89.16	50.00			Py	1.00	Grey quartz and white carbonate vein hosting trace pyrite.	
VN	96.43	96.44	35.00			Py	1.00	Smokey quartz vein hosting disseminated pyrite.	
GO	103.55	103.75						Partially gouge altered phyllic granodiorite.	
VN	105.68	105.80	70.00			Py	5.00	Grey to smokey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	109.54	109.55	55.00			Py	<1	Smokey quartz and white carbonate vein hosting disseminated pyrite and arsenopyrite.	
						As	<1		
GO	110.94	110.98	50.00			Py	<1	Grey quartz vein hosting disseminated pyrite.	
VN	110.98	111.33	50.00			Py	5.00	Vuggy grey to smokey quartz vein brecciated by light tan carbonate.	
VN	111.81	111.86	50.00			Py	2.00	Tan carbonate vein paralleled by two smokey quartz veinlets hosting disseminated pyrite.	
VN	115.22	115.25	30.00			Py	2.00	Tan carbonate and grey quartz vein hosting disseminated pyrite.	
VT	118.80	118.85	60.00		2.00	Py	1.00	Two milky white to smokey quartz veins and veinlets hosting disseminated pyrite.	
VN	129.61	129.63	30.00					Grey quartz vein and white carbonate vein exhibiting colloform texture.	
VN	146.30	146.36	75.00			Py	1.00	Grey quartz and white/tan carbonate vein hosting disseminated pyrite and a few zonal quartz crystals.	
GO	149.27	149.29	35.00					Grey gouge vein.	
VT	149.47	149.48	65.00			Py	1.00	Grey quartz vein hosting disseminated pyrite and galena.	
						Gn	1.00		
VN	166.39	166.44	60.00			Py	3.00	Alternating grey quartz and white carbonate vein hosting disseminated pyrite.	
VN	166.51	166.53	70.00			Py	1.00	Tan carbonate vein hosting minor amounts of grey quart with disseminated pyrite.	
VN	167.49	167.54	55.00					Vuggy tan carbonate vein with grey to brown/grey quartz. The carbonate exhibits colloform texture.	
VN	168.54	168.59	70.00			Py	1.00	Grey quartz vein cross-cut by minor tan carbonate veinlets and stringers hosting disseminated pyrite.	
VN	178.35	178.45	35.00			Py	10.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite and trace amounts of disseminated arsenopyrite.	
						As	<1		
VN	178.53	179.00	70.00			Py	7.00	Silicified and brecciated smokey quartz and carbonate vein hosting disseminated to blebby pyrite.	
VN	179.07	179.10	65.00			Py	1.00	Grey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	187.56	187.58	50.00			Py	<1	Grey quartz vein hosting disseminated pyrite.	
VN	188.08	188.35	30.00		2.00	Py	3.00	Two grey quartz veins hosting disseminated pyrite and possible dark grey arsenopyrite.	
						As	1.00		
GO	205.08	205.24	70.00					Grey gouge vein.	
GO	208.80	209.13	30.00					Grey gouge vein.	
VN	212.22	212.24	40.00			Py	35.00	White carbonate vein hosting blebby and ghost bladed pyrite and disseminated arsenopyrite and sphalerite.	
						As	2.00		
						Sp	1.00		
VN	212.75	212.76	60.00			Py	20.00	Grey quartz vein hosting disseminated to blebby pyrite exhibiting ghost bladed texture and trace disseminated arsenopyrite.	
						As	<1		
VN	212.84	212.88	50.00			Py	40.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite which exhibits ghost bladed texture and blebby sphalerite.	
						Sp	1.00		
GO	222.85	222.88						Grey gouge.	
VN	235.70	235.75	35.00			Py	15.00	Smokey quartz vein that has been brecciated by grey carbonate. Vein hosts disseminated pyrite and sphalerite.	
						Sp	1.00		
VN	243.86	243.87	50.00			Py	1.00	Grey to smokey quartz vein hosting disseminated pyrite and galena	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Gn	5.00		
VN	248.87	248.88	70.00			Py	45.00	Grey quartz vein hosting blebby pyrite and disseminated sphalerite and arsenopyrite.	
						As	1.00		
						Sp	1.00		
VN	248.93	248.97	70.00			Py	15.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite.	
						As	2.00		
VT	250.86	251.05	70.00		5.00	Py	15.00	Five grey quartz and disseminated pyrite and veinlets.	
VN	251.48	251.63	50.00			Py	10.00	Grey to smokey quartz and tan carbonate vein hosting disseminated to blebby pyrite and disseminated chalcopyrite and galena. Carbonate exhibits cocade texture.	
						Ch	<1		
						Gn	<1		
VN	257.62	257.63	70.00			Py	1.00	Grey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	263.65	262.66	45.00			Py	25.00	Tan carbonate and blebby pyrite vein.	
VN	270.42	270.52	40.00			Py	<1	Grey quartz vein hosting disseminated pyrite.	
VT	274.06	274.84	50.00		12.00	Py	15.00	Grey to smokey quartz veinlet and stringer zone hosting disseminated pyrite and arsenopyrite.	
						As	8.00		
BX	274.84	274.91	40.00			Py	5.00	Silicified black breccia hosting disseminated pyrite and arsenopyrite.	
						As	1.00		
VN	275.18	275.19	30.00			Py	8.00	Grey quartz vein hosting disseminated pyrite.	
VN	275.30	275.43	45.00		3.00	Py	1.00	Three grey to smokey 1cm quartz veins which host disseminated pyrite.	
VN	276.65	276.79	70.00			Py	7.00	Brecciated quartz carbonate vein zone. Grey quartz is broken up by white carbonate that exhibits colloform and cascade texture. The zone hosts 2-3cm green phyllic clasts with disseminated pyrite. The entire zone hosts disseminated pyrite, arsenopyrite, galena and sphalerite.	
						As	7.00		
						Gn	3.00		
						Sp	5.00		
VN	276.76	277.45	35.00		11.00	Py	12.00	Silicified phyllic vein zone hosting a 1cm black breccia vein with disseminated pyrite and arsenopyrite and a smokey quartz and white carbonate vein which hosts disseminated pyrite and arsenopyrite. The veins are surrounded by an abundance of quartz/pyrite v veinlets and stringers.	
						As	3.00		
VT	278.45	278.48	35.00		2.00	Py	#####	One 0.5cm pyrite veinlet and one 0.5cm arsenopyrite veinlet.	
						As	#####		
GO	290.19	290.24	35.00					Grey green gouge vein.	
VT	290.60	290.66	50.00		2.00	Py	11.00	Two 0.7cm grey to smokey quartz veinlets which host disseminated pyrite.	
GO	291.20	291.37	40.00					Partially gouge altered phyllic granodiorite.	
VN	293.54	293.55	60.00			Py	1.00	Alternating grey quartz and white carbonate vein hosting disseminated pyrite.	
VN	294.32	294.36	40.00			Py	3.00	Vuggy grey quartz and white carbonate vein hosting blebby pyrite and sphalerite.	
						Sp	3.00		
VN	300.92	301.05	35.00			Py	3.00	White and tan carbonate heavily brecciated by grey to smokey quartz which hosts disseminated pyrite and sphalerite.	
						Gn	1.00		
GO	314.65	314.67	80.00					Grey gouge vein.	
VN	329.02	329.04	50.00			Py	3.00	Smokey quartz vein hosting disseminated pyrite.	
						Gn	3.00		
VN	328.77	328.88	30.00			Py	15.00	Grey quartz and tan carbonate vein which hosts disseminated pyrite and arsenopyrite.	
VN	328.83	328.84	75.00			Py	15.00		
						As	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	330.06	330.67	50.00			Py	25.00	The 1st 2/3 of the vein are grey to smokey quartz vein hosting disseminated to massive pyrite, arsenopyrite, sphalerite and galena along with trace amounts of disseminated chalcopyrite. In the last 1/3 of the vein, tan carbonate becomes more dominant and parallels and surrounds clasts of quartz sulphide mineralization. A 7cm vein of massive tan carbonate which hosts disseminated pyrite, galena and sphalerite is present at the bottom of the vein. The carbonate vein is bounded on either side by ~1-1.5cm zoned sphalerite veins which in turn are bounded by 0.5-0.8cm galena veinlets.	
						As	10.00		
						Gn	4.00		
						Sp	15.00		
						Ch	<1		
VN	330.85	330.95	35.00			Py	8.00	Silicified quartz breccia hosting disseminated to blebby pyrite and arsenopyrite.	
						As	5.00		
VN	331.01	331.43	45.00			Py	30.00	Grey to smokey quartz vein hosting disseminated to massive pyrite and arsenopyrite along with disseminated to blebby sphalerite and galena. Vein is cross-cut in the center by 2-3cm tan carbonate vein which hosts disseminated to blebby pyrite, arsenopyrite sphalerite and galena. The carbonate vein is parallel on one side by a zoned sphalerite veinlet (0.6cm).	
						As	15.00		
						Gn	1.00		
						Sp	3.00		
VN	331.48	331.56	60.00			Py	3.00	Grey to smokey quartz vein hosting disseminated pyrite and arsenopyrite.	
						As	3.00		
VN	331.64	331.66	40.00			Py	30.00	Smokey quartz vein hosting disseminated to blebby pyrite and arsenopyrite.	
						As	60.00		
VN	331.67	331.68	50.00			Py	20.00	Smokey quartz vein hosting disseminated to blebby pyrite and arsenopyrite.	
						As	20.00		
GO	331.68	331.72				Py	<1	Grey gouge zone hosting trace amounts of disseminated pyrite.	
GO	333.50	333.51	80.00					Black gouge vein.	
VT	333.60	333.61	60.00			Py	1.00	Grey quartz and tan carbonate vein which hosts disseminated pyrite and sphalerite.	
						Sp	<1		
VN	336.06	336.09	85.00			Py	5.00	Partially gouge altered grey quartz vein and tan carbonate vein. The grey quartz hosts disseminated sphalerite and the tan carbonate hosts ghost-bladed pyrite.	
						Sp	1.00		
VT	338.58	338.59	40.00			Py	30.00	Grey quartz and tan carbonate vein which hosts blebby pyrite.	
GO	341.30	342.43						Grey gouge zone with phyllic altered granodiorite clasts, 1mm to 1cm in size.	
GO	342.47	342.80	30.00			Py	1.00	Partially gouge altered strong phyllic granodiorite. Gouge portions are dark grey to black and host disseminated pyrite. The granodiorite portions host a smokey quartz and galena vein.	
						Gn	8.00		
VN	342.80	343.19	10.00			Py	20.00	Low angle grey to smokey quartz vein which hosting disseminated to massive arsenopyrite and disseminated to blebby pyrite.	
						As	65.00		
VT	343.30	343.31	60.00			Py	40.00	Tan carbonate veinlet hosting blebby pyrite.	
GO	343.51	343.58	70.00					Grey gouge vein.	
GO	344.03	344.08	60.00					Grey gouge vein.	
VN	344.18	344.20	10.00					Smokey quartz vein hosting disseminated pyrite and arsenopyrite.	
VN	344.40	344.95	10.00					Low angle smokey quartz vein hosting disseminated to blebby pyrite and sphalerite.	
VN	344.78	345.35	10.00					Low angle smokey quartz vein hosting disseminated to massive pyrite and arsenopyrite along with disseminated to blebby sphalerite and galena. The vein contains minor amounts of white carbonate blebs.	
VT	346.01	346.02	55.00					0.2-0.9cm grey quartz veinlet hosting disseminated pyrite and arsenopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	346.06	346.09	55.00					Grey green gouge vein.	
GO	347.43	347.47	50.00					Grey gouge vein hosting trace amounts of disseminated pyrite.	
VT/ST	350.78	351.62			19.00			Quartz pyrite veinlets and stringer zone. A few quartz pyrite veinlet's host minor amounts of arsenopyrite.	
VT	352.30	352.40	30.00		2.00			Two 0.8cm smokey quartz veinlets which host disseminated to blebby pyrite.	
VN	352.93	352.95	70.00					Grey quartz vein hosting disseminated pyrite and arsenopyrite.	
VT	354.30	354.83			12.00			Veinlet and stringer zone hosting quartz/pyrite veinlets and stringers with minor amounts of arsenopyrite. Veinlets cross-cut each other.	
VT	356.57	356.59	60.00		2.00			Two 0.3cm pyrite veinlets and stringers.	
GO	356.72	356.84	70.00		2.00			Two grey/green gouge veins (2cm).	
GO	357.07	357.31						Partially gouge altered phyllic granodiorite.	
GO	357.78	357.82	80.00					Grey green gouge vein.	
GO	359.11	359.22	80.00					Grey green gouge vein.	
VN	359.30	359.54	40.00		2.00	Py	10.00	Two 1cm grey quartz veins hosting disseminated pyrite.	
						As	3.00		
GO	361.09	361.11	45.00					Grey gouge vein.	
VN	361.26	361.31	85.00			Py	15.00	Grey to smokey vein hosting disseminated pyrite and arsenopyrite.	
						As	5.00		
VN	362.13	362.14	55.00			Py	5.00	1cm grey quartz and white carbonate vein hosting disseminated pyrite and arsenopyrite.	
						As	1.00		
GO	363.19	363.20	50.00					Grey gouge vein.	
VN	363.28	363.34	85.00			Py	<1	Grey quartz and tan carbonate vein hosting trace amounts of disseminated pyrite.	
VN	364.23	364.24	45.00			Py	1.00	1cm milky white quartz vein hosting disseminated pyrite and sphalerite.	
						Sp	1.00		
GO	346.96	347.09	23.00					Grey gouge vein.	
VN	386.74	386.75	75.00			Py	1.00	Grey quartz and white carbonate vein hosting disseminated sphalerite, pyrite and galena.	
						Sp	5.00		
						Gn	<1		
								EOH	

KLAZA

Hole: DDH-KL-12-96 **Date:** Jul-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
120.57	10.2	5.2	555.1	350.7	GRD						2.562563	2.715753	Grey granodiorite
127.65	10.5	5.2	515.5	305.2	GRD		ARG	3I			2.31176	2.45126	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	3I					
167	9.8	5.2	515	320.2	GRD		PHC	3I			2.474484	2.643737	Moderately phyllic altered granodiorite.
276.83	9.9	5.2	567.9	368.7	GRD		PHC	3I	Py	10	2.701097	2.850904	Moderately phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.
281.03	9.5	5.2	500	308.2	GRD		ARG	2I			2.478277	2.606882	Moderately argillic altered granodiorite with a weak potassic overprint.
							POT	3I					
295.82	10.1	5.2	516	311.4	GRD		PRO	3I			2.405646	2.521994	Moderately propyllitic altered granodiorite with a weak potassic overprint.
							POT	2I					
330.21	9.8	5.2	848.1	661.2	VEN				Py	40	4.07497	4.537721	Smokey quartz and massive sulphide vein hosting disseminated to massive pyrite and arsenopyrite along with disseminated galena and sphalerite.
									As	50			
									Gn	1			
									Sp	1			
352.79	10.1	5.2	563.3	359.4	GRD		PHC	3I	Py	3	2.626164	2.762629	Moderately phyllic altered granodiorite hosting three pyrite stringers.

KLAZA

Hole: DDH-KL-12-96 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
66.14	69.19	3.05	2.75	90.2	N813887	1				
69.19	72.04	2.85	2.85	100	N813888	1				
72.04	73.23	1.19	1.17	98.3	N813889	1				
					N813890	1				Duplicate
73.23	75.00	1.77	1.66	93.8	N813891	1				
75.00	77.50	2.50	2.43	97.2	N813892	1				
77.50	78.50	1.00	1.00	100	N813893	1				
78.50	81.38	2.88	2.82	97.9	N813894	1				
81.38	84.38	3.00	3.00	100	N813895	1				
84.38	85.38	1.00	1.00	100	N813896	1				
85.38	87.48	2.10	2.10	100	N813897	1				
					N813898	1				Klaza Standard-3
87.48	90.53	3.05	3.05	100	N813899	1				
90.53	92.51	1.98	1.94	98	N813900	1				
92.51	93.51	1.00	1.00	100	N813902	1				
93.51	95.39	1.88	1.88	100	N813903	1				
95.39	96.39	1.00	1.00	100	N813904	1				
					N813905	1				Blank
96.39	99.49	3.10	3.00	96.8	N813906	1				
99.49	101.09	1.60	1.60	100	N813907	1				
101.09	102.98	1.89	1.78	94.2	N813908	1				
102.98	104.59	1.61	1.46	90.7	N813909	1				
					N813910	1				Klaza Standardf-2
104.59	106.26	1.67	1.67	100	N813911	1				
106.26	107.49	1.23	1.23	100	N813912	1				
107.49	108.62	1.13	1.16	103	N813913	1				
108.62	109.62	1.00	1.00	100	N813914	1				
109.62	110.94	1.32	1.27	96.2	N813915	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
110.94	111.94	1.00	1.00	100	N813916	1				
					N813917	1				Blank
111.94	114.91	2.97	2.97	100	N813919	1				
					N813920	1				Coarse Reject Duplicate
114.91	117.96	3.05	3.05	100	N813921	1				
117.96	121.01	3.05	3.05	100	N813922	2				
121.01	124.05	3.04	3.01	99	N813923	2				
124.05	127.10	3.05	2.98	97.7	N813924	2				
127.10	129.43	2.33	2.22	95.3	N813925	2				
129.43	130.43	1.00	1.00	100	N813926	2				
130.43	133.40	2.97	2.97	100	N813927	2				
					N813928	2				Coarse Reject Duplicate
133.40	135.66	2.26	2.26	100	N813929	2				
135.66	136.66	1.00	1.00	100	N813930	2				
136.66	139.29	2.63	2.63	100	N813931	2				
					N813932	2				Klazas Standard-3
139.29	142.34	3.05	3.05	100	N813933	2				
142.34	144.90	2.56	2.56	100	N813934	2				
144.90	146.14	1.24	1.24	100	N813935	2				
					N813936	2				Duplicate
146.14	147.14	1.00	1.00	100	N813937	2				
147.14	148.52	1.38	1.25	90.6	N813938	2				
148.52	149.52	1.00	1.00	100	N813939	2				
149.52	151.49	1.97	1.87	94.9	N813940	2				
151.49	154.53	3.04	3.05	100	N813941	2				
154.53	157.33	2.80	2.70	96.4	N813942	2				
					N813943	2				Klaza Standard-3
157.33	160.00	2.67	2.67	100	N813944	2				
160.00	162.25	2.25	2.20	97.8	N813945	2				
162.25	163.26	1.01	1.00	99	N813946	2				
163.26	164.26	1.00	1.06	106	N813947	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
164.26	166.32	2.06	2.06	100	N813948	2				
166.32	167.64	1.32	1.33	101	N813949	2				
					N813950	2				Blank
167.64	168.64	1.00	1.00	100	N813951	2				
					N813952	2				Blank
168.64	171.70	3.06	3.06	100	N813953	2				
171.70	173.24	1.54	2.54	165	N813954	2				
173.24	176.04	2.80	2.72	97.1	N813955	2				
176.04	178.17	2.13	1.81	85	N813956	2				
178.17	179.17	1.00	1.00	100	N813957	2				
179.17	181.97	2.80	2.80	100	N813958	3				
181.97	184.65	2.68	2.42	90.3	N813959	3				
184.65	186.55	1.90	1.87	98.4	N813960	3				
					N813961	3				Coarse reject Duplicate
186.55	187.55	1.00	1.00	100	N813962	3				
187.55	188.55	1.00	1.00	100	N813963	3				
					N813964	3				Blank
188.55	191.11	2.56	2.51	98	N813965	3				
191.11	194.16	3.05	3.02	99	N813966	3				
194.16	197.21	3.05	3.04	99.7	N813967	3				
197.21	200.25	3.04	3.04	100	N813968	3				
200.25	203.30	3.05	3.05	100	N813969	3				
203.30	204.78	1.48	1.48	100	N813970	3				
204.78	205.78	1.00	1.00	100	N813971	3				
205.78	208.16	2.38	2.34	98.3	N813972	3				
208.16	209.16	1.00	1.00	100	N813973	3				
					N813974	3				Klaza Standard-2
209.16	210.61	1.45	1.45	100	N813975	3				
210.61	212.05	1.44	1.42	98.6	N813976	3				
212.05	213.05	1.00	1.00	100	N813977	3				
					N813978	3				Blank
213.05	215.49	2.44	2.44	100	N813979	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
215.49	218.54	3.05	3.02	99	N813980	3				
218.54	221.59	3.05	3.02	99	N813981	3				
221.59	222.59	1.00	1.00	100	N813982	3				
222.59	223.59	1.00	1.00	100	N813983	3				
223.59	224.64	1.05	1.05	100	N813984	3				
					N813985	3				Duplicate
224.64	227.69	3.05	3.02	99	N813986	3				
227.69	230.74	3.05	3.05	100	N813987	3				
230.74	233.25	2.51	2.49	99.2	N813988	3				
					N813989	3				Klaza Standard-3
233.25	235.00	1.75	1.43	81.7	N813990	3				
235.00	236.00	1.00	1.00	100	N813991	3				
236.00	237.56	1.56	1.49	95.5	N813992	3				
237.56	239.73	2.17	2.17	100	N813993	3				
239.73	240.75	1.02	1.00	98	N813994	4				
240.75	242.75	2.00	2.00	100	N813995	4				
242.75	243.85	1.10	1.00	90.9	N813996	4				
					N813997	4				Klaza Standard-1
243.85	247.62	3.77	2.77	73.5	N813998	4				crumbly
247.62	248.62	1.00	1.00	100	N813999	4				
248.62	249.62	1.00	1.00	100	N814000	4				
					M355001	4				Blank
249.62	250.62	1.00	1.00	100	M355002	4				
250.62	251.62	1.00	1.00	100	M355003	4				
					M355004	4				Blank
251.62	253.54	1.92	1.87	97.4	M355005	4				
253.54	256.90	3.36	3.10	92.3	M355006	4				
256.90	257.90	1.00	1.00	100	M355007	4				
257.90	261.21	3.31	2.70	81.6	M355008	4				
					M355009	4				Coarse Reject Duplicate
261.21	263.54	2.33	1.88	80.7	M355010	4				
263.54	264.54	1.00	1.00	100	M355011	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
264.54	267.31	2.77	2.77	100	M355012	4				
267.31	268.83	1.52	1.52	100	M355013	4				
268.83	270.40	1.57	1.00	63.7	M355014	4				
270.40	271.40	1.00	1.00	100	M355015	4				
					M355016	4				Klaza Standard-1
271.40	274.08	2.68	2.60	97	M355017	4				
274.08	275.46	1.38	1.35	97.8	M355018	4				
275.46	276.51	1.05	1.05	100	M355019	4				
276.51	278.51	2.00	1.85	92.5	M355020	4				
278.51	279.51	1.00	1.00	100	M355021	4				
					M355022	4				Duplicate
279.51	282.55	3.04	3.04	100	M355023	4				
282.55	285.60	3.05	3.05	100	M355024	4				
285.60	288.65	3.05	2.85	93.4	M355025	4				
288.65	290.16	1.51	1.51	100	M355026	4				
290.16	291.43	1.27	1.27	100	M355027	4				
291.43	292.43	1.00	1.00	100	M355028	4				
292.43	293.43	1.00	1.00	100	M355029	4				
293.43	294.74	1.31	1.31	100	M355030	5				
294.74	297.79	3.05	3.05	100	M355031	5				
297.79	299.40	1.61	1.60	99.4	M355032	5				
					M355033	5				Duplicate
299.40	300.51	1.11	1.11	100	M355034	5				
300.51	301.51	1.00	1.00	100	M355035	5				
301.51	302.97	1.46	1.46	100	M355036	5				
302.97	304.06	1.09	1.09	100	M355037	5				
304.06	306.93	2.87	2.67	93	M355038	5				
306.93	308.20	1.27	1.27	100	M355039	5				
308.20	309.80	1.60	1.60	100	M355040	5				
					M355041	5				Coarse Reject Duplicate
309.80	312.94	3.14	2.83	90.1	M355042	5				
312.94	314.38	1.44	1.42	98.6	M355043	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
314.38	315.39	1.01	1.01	100	M355044	5				
315.39	316.39	1.00	1.00	100	M355045	5				
316.39	319.13	2.74	2.43	88.7	M355046	5				
319.13	322.17	3.04	3.04	100	M355047	5				
322.17	325.22	3.05	3.05	100	M355048	5				
325.22	326.30	1.08	1.05	97.2	M355049	5				
					M355050	5				Klaza Standard-1
326.30	328.74	2.44	2.40	98.4	M355051	5				
328.74	329.74	1.00	1.00	100	M355052	5				
329.74	332.06	2.32	2.32	100	M355053	5				
					M355054	5				Blank
332.06	333.06	1.00	1.00	100	M355055	5				
333.06	334.51	1.45	1.45	100	M355056	5				
334.51	336.06	1.55	1.56	101	M355057	5				
336.06	337.67	1.61	1.10	68.3	M355058	5				
337.67	339.44	1.77	1.77	100	M355059	5				
					M355060	5				Klaza Standard-1
339.44	340.46	1.02	1.02	100	M355061	5				
340.46	342.46	2.00	2.00	100	M355062	5				
342.46	345.36	2.90	2.90	100	M355063	5				
					M355064	5				Blank
345.36	346.56	1.20	1.20	100	M355065	5				
346.56	348.08	1.52	1.52	100	M355066	6				
348.08	349.70	1.62	1.62	100	M355067	6				
					M355068	6				Klaza Standard-2
349.70	352.27	2.57	2.57	100	M355069	6				
					M355070	6				Blank
352.27	353.34	1.07	1.07	100	M355071	6				
353.34	354.37	1.03	1.03	100	M355072	6				
354.37	355.37	1.00	1.00	100	M355073	6				
					M355074	6				Blank
355.37	357.04	1.67	1.64	98.2	M355075	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
357.04	358.67	1.63	1.49	91.4	M355076	6				
358.67	361.35	2.68	2.67	99.6	M355077	6				
361.35	362.37	1.02	1.02	100	M355078	6				
362.37	363.42	1.05	1.02	97.1	M355079	6				
363.42	364.78	1.36	1.04	76.5	M355080	6				
364.78	365.97	1.19	1.19	100	M355081	6				
					M355082	6				Klaza Standard-3
365.97	368.38	2.41	2.13	88.4	M355083	6				
368.38	369.38	1.00	1.00	100	M355084	6				
369.38	370.94	1.56	1.56	100	M355085	6				
					M355086	6				Dupliacate
370.94	373.99	3.05	2.72	89.2	M355087	6				
373.99	375.00	1.01	1.01	100	M355088	6				
375.00	377.00	2.00	2.00	100	M355089	6				
377.00	380.09	3.09	3.05	98.7	M355090	6				
					M355091	6				Coarse Reject Duplicate
380.09	383.13	3.04	3.00	98.7	M355092	6				
383.13	385.89	2.76	2.76	100	M355093	6				
385.89	386.92	1.03	1.00	97.1	M355094	6				
386.92	389.23	2.31	2.31	100	M355095	6				EOH

KLAZA

Hole: DDH-KL-12-96 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	8.23	8.23	-	####	-	#####		-	1	-	
8.23	11.28	3.05	2.70	89	0.00	0		1	1	4W	
11.28	14.33	3.05	2.75	90	0.47	15		1	1	4W	
14.33	17.37	3.04	2.65	87	0.10	3		1	1	4W	
17.37	20.42	3.05	1.50	49	0.00	0		1	1	4W	
20.42	23.47	3.05	2.95	97	0.10	3		1	1	4W	
23.47	26.52	3.05	2.20	72	0.11	4		1	1	4W	
26.52	29.56	3.04	2.95	97	0.10	3		1	1	4W	
29.56	32.61	3.05	2.15	70	0.00	0		1	1	3W	
32.61	35.66	3.05	2.30	75	0.00	0		1	1	3W	
35.66	38.71	3.05	2.90	95	0.00	0		1	1	3W	
38.71	41.76	3.05	2.85	93	0.10	3		1	1	3W	
41.76	44.81	3.05	2.84	93	0.00	0		1	1	4W	
44.81	47.85	3.04	3.20	105	0.00	0		1	1	4W	
47.85	50.90	3.05	2.55	84	0.15	5		1	1	4W	
50.90	53.95	3.05	2.60	85	0.38	12		1	1	4W	
53.95	57.00	3.05	3.05	100	0.50	16		1	1	4W	
57.00	60.05	3.05	3.02	99	0.15	5		1	1	4W	
60.05	63.09	3.04	3.00	99	1.02	34		2	4S	3W	
63.09	66.14	3.05	2.10	69	0.42	14		2	5S	3W	
66.14	69.19	3.05	2.70	89	0.70	23		2	1S	3W	
69.19	72.14	2.95	2.90	98	1.50	51		2	3S	2W	
72.14	75.29	3.15	2.82	90	1.56	50		2	4S	2W	
75.29	78.33	3.04	2.77	91	1.73	57		2	4S	1W	
78.33	81.38	3.05	2.90	95	1.90	62		2	2S	1W	
81.38	84.43	3.05	2.92	96	2.20	72		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
84.43	87.48	3.05	2.92	96	1.80	59		2	4S	1W	
87.48	90.53	3.05	3.00	98	1.75	57		2	3S	1W	
90.53	93.57	3.04	2.92	96	2.30	76		2	4S	1W	
93.57	96.62	3.05	2.90	95	1.44	47		2	3S	1W	
96.62	99.67	3.05	3.00	98	1.05	34		2	1S	1W	
99.67	102.72	3.05	2.85	93	0.50	16		2	1S	1W	
102.72	105.77	3.05	2.90	95	0.92	30		2	2S	1W	
105.77	108.81	3.04	3.00	99	1.70	56		2	4S	1W	
108.81	111.86	3.05	2.95	97	2.05	67		2	3S	1W	
111.86	114.91	3.05	3.00	98	1.50	49		2	3S	1W	
114.91	117.96	3.05	3.00	98	1.52	50		2	2S	1W	
117.96	121.01	3.05	3.00	98	1.85	61		2	3S	1W	
121.01	124.05	3.04	2.93	96	1.90	63		2	3S	1W	
124.05	127.10	3.05	2.80	92	1.90	62		2	3S	1W	
127.10	130.15	3.05	2.87	94	1.70	56		2	3S	1W	
130.15	133.20	3.05	3.00	98	1.44	47		2	2S	1W	
133.20	136.25	3.05	2.95	97	1.54	50		2	3S	1W	
136.25	139.29	3.04	2.97	98	2.05	67		2	3S	1W	
139.29	142.34	3.05	2.95	97	1.70	56		2	4S	1W	
142.34	145.39	3.05	3.00	98	0.72	24		2	3S	1W	
145.39	148.44	3.05	2.85	93	0.90	30		2	3S	1W	
148.44	151.49	3.05	2.95	97	0.95	31		2	2S	1W	
151.49	154.53	3.04	3.00	99	1.45	48		2	3S	1W	
154.53	157.58	3.05	2.93	96	1.57	51		2	3S	1W	
157.58	160.63	3.05	2.95	97	0.81	27		2	3S	1W	
160.63	163.68	3.05	2.88	94	1.33	44		2	3S	1W	
163.68	166.73	3.05	2.97	97	2.27	74		2	3S	1W	
166.73	169.77	3.04	3.01	99	1.76	58		2	3S	1W	
169.77	172.82	3.05	2.80	92	2.00	66		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	3.00	98	1.03	34		2	0S	1W	
175.87	178.92	3.05	2.82	92	0.21	7		2	0S	1W	
178.92	181.97	3.05	3.02	99	0.85	28		2	1S	1W	
181.97	185.01	3.04	2.86	94	0.22	7		2	0S	1W	
185.01	188.06	3.05	3.00	98	0.72	24		2	0S	1W	
188.06	191.11	3.05	2.96	97	1.05	34		1	0S	1W	
191.11	194.16	3.05	2.99	98	2.04	67		2	2S	1W	
194.16	197.21	3.05	3.00	98	2.00	66		2	3S	1W	
197.21	200.25	3.04	2.96	97	2.18	72		1	4S	1W	
200.25	203.30	3.05	3.05	100	1.91	63		2	1S	1W	
203.30	206.35	3.05	3.01	99	1.74	57		2	2S	1W	
206.35	209.40	3.05	2.94	96	1.87	61		2	2S	1W	
209.40	212.45	3.05	3.01	99	1.82	60		2	3S	1W	
212.45	215.49	3.04	2.98	98	2.11	69		2	3S	1W	
215.49	218.54	3.05	2.96	97	2.15	70		2	3S	1W	
218.54	221.59	3.05	2.80	92	1.88	62		2	4S	2W	
221.59	224.64	3.05	3.04	100	1.70	56		2	3S	2W	
224.64	227.69	3.05	2.96	97	1.47	48		2	3S	2W	
227.69	230.74	3.05	3.05	100	2.14	70		2	3S	2W	
230.74	236.83	6.09	5.55	91	2.87	47		2	2S	2W	
236.83	242.93	6.10	6.08	100	4.43	73		1	3S	2W	
242.93	249.02	6.09	5.44	89	2.55	42		2	0S	2W	
249.02	252.07	3.05	3.02	99	1.60	52		2	1S	2W	
252.07	255.12	3.05	2.60	85	2.46	81		2	3S	2W	
255.12	258.17	3.05	2.94	96	2.19	72		2	3S	2W	
258.17	261.21	3.04	2.80	92	0.24	8		1	0S	2W	
261.21	264.26	3.05	2.63	86	1.37	45		1	1S	2W	
264.26	267.31	3.05	3.05	100	1.71	56		1	0S	1W	
267.31	270.36	3.05	2.72	89	2.08	68		2	3S	1W	
270.36	273.41	3.05	2.91	95	2.26	74		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
273.41	276.45	3.04	2.84	93	2.31	76		2	3S	1W	
276.45	279.50	3.05	2.77	91	1.99	65		2	4S	1W	
279.50	282.55	3.05	3.05	100	2.44	80		2	2S	1W	
282.55	285.60	3.05	3.02	99	2.51	82		2	4S	1W	
285.60	288.65	3.05	2.82	92	2.34	77		1	3S	1W	
288.65	291.69	3.04	3.02	99	1.95	64		2	2S	1W	
291.69	294.74	3.05	2.60	85	1.76	58		2	4S	1W	
294.74	297.79	3.05	3.05	100	2.61	86		2	3S	1W	
297.79	300.84	3.05	3.03	99	2.66	87		2	3S	1W	
300.84	303.89	3.05	3.03	99	2.66	87		2	3S	1W	
303.89	306.93	3.04	2.76	91	2.33	77		2	3S	1W	
306.93	309.98	3.05	3.05	100	2.32	76		2	3S	1W	
309.98	313.03	3.05	2.69	88	2.09	69		2	3S	1W	
313.03	316.08	3.05	2.94	96	2.32	76		2	4S	1W	
316.08	319.13	3.05	2.50	82	1.83	60		2	4S	1W	
319.13	322.17	3.04	3.02	99	1.94	64		2	3S	1W	
322.17	325.22	3.05	2.88	94	1.56	51		2	3S	1W	
325.22	328.27	3.05	2.89	95	2.80	92		2	3S	1W	
328.27	331.32	3.05	2.98	98	2.90	95		2	4S	1W	
331.32	334.37	3.05	3.05	100	0.97	32		1	3S	1W	
334.37	337.41	3.04	2.50	82	0.00	0		1	3S	1W	
337.41	340.46	3.05	2.97	97	0.50	16		1	3S	1W	
340.46	343.51	3.05	2.91	95	0.22	7		1	2S	1W	
343.51	346.56	3.05	3.05	100	0.72	24		1	2S	1W	
346.56	349.61	3.05	2.86	94	0.75	25		1	3S	1W	
349.61	352.63	3.02	3.05	101	2.42	80		1	2S	1W	
352.63	355.70	3.07	3.05	99	1.64	53		2	2S	1W	
355.70	358.75	3.05	2.87	94	1.90	62		2	2S	1W	
358.75	361.80	3.05	3.02	99	1.16	38		1	1S	1W	
361.80	364.85	3.05	3.03	99	2.29	75		1	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
364.85	367.89	3.04	2.66	88	1.10	36		1	2S	1W	
367.89	370.94	3.05	3.05	100	2.23	73		2	2S	1W	
370.94	373.99	3.05	2.82	92	2.02	66		1	3S	1W	
373.99	377.04	3.05	3.05	100	2.10	69		2	2S	1W	
377.04	380.09	3.05	3.05	100	2.72	89		2	3S	1W	
380.09	383.13	3.04	2.28	75	2.86	94		2	3S	1W	
383.13	386.18	3.05	2.97	97	2.29	75		2	3S	1W	
386.18	389.23	3.05	3.05	100	1.33	44		2	3S	1W	
											EOH

KLAZA

Hole: DDH-KL-12-96 **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	8.23	8.23							
8.23	11.28	3.05							
11.28	14.33	3.05							
14.33	17.37	3.04							
17.37	20.42	3.05							
20.42	23.47	3.05							
23.47	26.52	3.05							
26.52	29.56	3.04							
29.56	32.61	3.05							
32.61	35.66	3.05	55.00	0.50	0.00	1.00	2R	3W	
35.66	38.71	3.05							
38.71	41.76	3.05	50.00	0.10	0.00	1.00	2R	3W	
41.76	44.81	3.05							
44.81	47.85	3.04							
47.85	50.90	3.05	42.00	0.25	0.00	1.00	2R	2W	
50.90	53.95	3.05	75.00	0.80	0.00	1.00	2R	2W	
53.95	57.00	3.05	45.00	0.40	0.00	1.00	2R	3W	
			75.00	0.20	0.00	1.00	2R	2W	
57.00	60.05	3.05	70.00	0.13	0.00	1.00	2R	2W	
60.05	63.09	3.04	60.00	1.70	0.00	1.00	2R	3W	
63.09	66.14	3.05	50.00	0.10	0.00	1.00	2R	4W	
66.14	69.19	3.05	50.00	0.72	0.00	2.00	3R	2W	
69.19	72.14	2.95	50.00	1.15	0.00	1.00	3R	1W	
72.14	75.29	3.15	60.00	0.60	0.00	1.00	2R	2W	
75.29	78.33	3.04	60.00	0.18	0.00	1.00	2R	1W	
78.33	81.38	3.05							
81.38	84.43	3.05	45.00	0.40	0.00	1.00	2R	1W	
84.43	87.48	3.05	55.00	0.30	0.00	1.00	2R	1W	

KLAZA

87.48	90.53	3.05	60.00	0.16	0.00	1.00	2R	1W	
90.53	93.57	3.04	52.00	0.68	0.00	1.00	2R	1W	
			55.00	0.20	0.00	1.00	2R	1W	
93.57	96.62	3.05	40.00	0.08	0.00	1.00	2R	1W	
96.62	99.67	3.05	70.00	0.17	0.00	1.00	2R	1W	
99.67	102.72	3.05	40.00	0.20	0.00	1.00	2R	1W	
102.72	105.77	3.05	50.00	0.25	0.00	1.00	2R	1W	
105.77	108.81	3.04	50.00	0.42	0.00	1.00	2R	1W	
108.81	111.86	3.05	65.00	0.92	0.00	1.00	3R	1W	
111.86	114.91	3.05	60.00	0.18	0.00	1.00	3R	1W	
114.91	117.96	3.05	40.00	1.35	0.00	1.00	2R	1W	
117.96	121.01	3.05	55.00	2.95	0.00	1.00	2R	1W	
121.01	124.05	3.04	65.00	1.40	0.00	1.00	2R	1W	
124.05	127.10	3.05	50.00	0.73	0.00	1.00	2R	1W	
127.10	130.15	3.05	55.00	0.10	0.00	1.00	2R	1W	
130.15	133.20	3.05	52.00	0.25	0.00	1.00	2R	1W	
133.20	136.25	3.05	50.00	0.30	0.00	1.00	2R	1W	
136.25	139.29	3.04	60.00	0.22	0.00	1.00	3R	1W	
139.29	142.34	3.05	80.00	0.04	0.00	1.00	2R	1W	
142.34	145.39	3.05							
145.39	148.44	3.05							
148.44	151.49	3.05	60.00	0.10	0.00	1.00	2R	1W	
151.49	154.53	3.04	45.00	0.77	0.00	1.00	2R	1W	
154.53	157.58	3.05	42.00	0.50	0.00	1.00	2R	1W	
157.58	160.63	3.05	70.00	0.15	0.00	1.00	3R	1W	
160.63	163.68	3.05	60.00	0.05	0.00	1.00	2R	1W	
163.68	166.73	3.05	60.00	0.12	0.00	1.00	2R	1W	
166.73	169.77	3.04	65.00	0.12	0.00	1.00	2R	1W	
169.77	172.82	3.05	68.00	0.20	0.00	1.00	3R	1W	
172.82	175.87	3.05	75.00	0.27	0.00	1.00	2R	1W	
175.87	178.92	3.05							
178.92	181.97	3.05	40.00	0.15	0.00	1.00	2R	1W	
181.97	185.01	3.04	52.00	0.40	0.00	1.00	2R	1W	
185.01	188.06	3.05	50.00	1.03	0.00	1.00	2R	1W	
188.06	191.11	3.05	60.00	0.40	0.00	1.00	3R	1W	
			40.00	0.20	0.00	1.00	2R	1W	
191.11	194.16	3.05	60.00	0.74	0.00	1.00	2R	1W	
194.16	197.21	3.05	65.00	0.16	0.00	1.00	2R	1W	

KLAZA

			40.00	1.12	20.00	1.00	2R	1W	
197.21	200.25	3.04	40.00	1.63	0.00	1.00	3R	1W	
200.25	203.30	3.05	50.00	0.26	0.00	1.00	3R	1W	
203.30	206.35	3.05	60.00	2.40	30.00	1.00	2R	1W	
206.35	209.40	3.05	40.00	0.63	0.00	1.00	2R	1W	
209.40	212.45	3.05							
212.45	215.49	3.04	70.00	0.64	0.00	1.00	3R	1W	
215.49	218.54	3.05	60.00	0.23	0.00	1.00	3R	1W	
218.54	221.59	3.05	50.00	0.91	0.00	1.00	2R	1W	
221.59	224.64	3.05							
224.64	227.69	3.05	60.00	1.30	70.00	1.00	2R	2W	
227.69	230.74	3.05	65.00	0.72	0.00	1.00	2R	2W	
230.74	236.83	6.09	60.00	2.20	0.00	1.00	2R	2W	
236.83	242.93	6.10	40.00	1.20	0.00	1.00	2R	2W	
242.93	249.02	6.09	50.00	0.17	0.00	1.00	2R	2W	
249.02	252.07	3.05	60.00	0.29	0.00	1.00	2R	2W	
252.07	255.12	3.05							
255.12	258.17	3.05	50.00	0.29	0.00	1.00	2R	2W	
258.17	261.21	3.04							
261.21	264.26	3.05	45.00	0.19	0.00	1.00	2R	2W	
264.26	267.31	3.05	45.00	0.65	1.00	2.00	2R	1W	
267.31	270.36	3.05	60.00	0.29	0.00	2.00	2R	1W	
270.36	273.41	3.05	50.00	0.45	1.00	2.00	3R	1W	
273.41	276.45	3.04	45.00	0.20	0.00	2.00	3R	1W	
276.45	279.50	3.05	45.00	0.12	1.00	2.00	2R	1W	
279.50	282.55	3.05	45.00	0.50	1.00	2.00	2R	1W	
282.55	285.60	3.05	75.00	0.10	1.00	2.00	2R	1W	
285.60	288.65	3.05	-	-	-	-	-	-	
288.65	291.69	3.04	40.00	0.10	3.00	2.00	2R	1W	
291.69	294.74	3.05	-	-	-	-	-	-	
294.74	297.79	3.05	45.00	0.60	0.00	2.00	2R	1W	
297.79	300.84	3.05	75.00	0.16	0.00	1.00	2R	1W	
300.84	303.89	3.05	60.00	0.08	0.00	2.00	3R	1W	
303.89	306.93	3.04	50.00	0.50	0.00	2.00	3R	1W	
306.93	309.98	3.05	-	-	-	-	-	-	
309.98	313.03	3.05	45.00	0.72	0.00	2.00	2R	1W	
313.03	316.08	3.05	75.00	0.06	2.00	2.00	2R	1W	
316.08	319.13	3.05	-	-	-	-	-	-	

KLAZA

319.13	322.17	3.04	60.00	0.13	1.00	2.00	2R	1W	
322.17	325.22	3.05	45.00	0.45	1.00	2.00	3R	1W	
325.22	328.27	3.05	-	-	-	-	-	-	
328.27	331.32	3.05	45.00	0.11	1.00	2.00	3R	1W	
331.32	334.37	3.05	60.00	0.35	0.00	2.00	3R	1W	
334.37	337.41	3.04	-	-	-	-	-	-	
337.41	340.46	3.05	75.00	0.15	1.00	2.00	3R	1W	
340.46	343.51	3.05	-	-	-	-	-	-	
343.51	346.56	3.05	-	-	-	-	-	-	
346.56	349.61	3.05	-	-	-	-	-	-	
349.61	352.63	3.02	62.00	0.19	0.00	2.00	3R	1W	
352.63	355.70	3.07	50.00	0.10	1.00	2.00	3R	1W	Fragmented zone, lost recovery
355.70	358.75	3.05	-	-	-	-	-	-	
358.75	361.80	3.05	60.00	0.07	0.00	3.00	3R	1W	
361.80	364.85	3.05	40.00	0.10	2.00	3.00	3R	1W	
364.85	367.89	3.04	55.00	0.07	0.00	2.00	3R	1W	
367.89	370.94	3.05	55.00	0.08	1.00	2.00	3R	1W	
370.94	373.99	3.05	-	-	-	-	-	-	
373.99	377.04	3.05	55.00	0.21	1.00	2.00	3R	1W	
377.04	380.09	3.05	-	-	-	-	-	-	
380.09	383.13	3.04	37.00	0.16	1.00	1.00	2R	1W	
383.13	386.18	3.05	22.00	0.15	1.00	2.00	2R	1W	
386.18	389.23	3.05	55.00	0.14	0.00	3.00	3R	1W	
									EOH

KLAZA

Hole: DDH-KL-12-96 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	Overburden
2.00	n/a	Overburden
3.00	n/a	Overburden
4.00	n/a	Overburden
5.00	n/a	Overburden
6.00	n/a	Overburden
7.00	n/a	Overburden
8.00	n/a	Overburden
9.00	2.47	
10.00	2.45	
11.00	11.40	
12.00	4.31	
13.00	10.10	
14.00	2.78	
15.00	1.31	
16.00	11.20	
17.00	5.47	
18.00	6.66	
19.00	3.42	
20.00	6.14	
21.00	4.99	
22.00	1.18	
23.00	6.67	
24.00	9.24	
25.00	11.80	
26.00	5.81	
27.00	13.70	
28.00	4.04	
29.00	4.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	3.98	
31.00	6.93	
32.00	2.87	
33.00	16.00	
34.00	9.68	
35.00	2.26	
36.00	0.47	
37.00	7.72	
38.00	2.17	
39.00	6.36	
40.00	2.34	
41.00	7.86	
42.00	4.48	
43.00	6.33	
44.00	0.42	
45.00	6.77	
46.00	3.53	
47.00	0.87	
48.00	0.80	
49.00	4.72	
50.00	7.39	
51.00	1.75	
52.00	4.19	
53.00	5.52	
54.00	3.42	
55.00	2.57	
56.00	3.53	
57.00	9.88	
58.00	5.61	
59.00	3.76	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.17	
61.00	4.97	
62.00	7.42	
63.00	4.46	
64.00	5.36	
65.00	10.50	
66.00	13.20	
67.00	1.66	
68.00	3.07	
69.00	1.57	
70.00	2.15	
71.00	2.83	
72.00	3.47	
73.00	4.00	
74.00	5.25	
75.00	2.34	
76.00	6.91	
77.00	2.52	
78.00	4.79	
79.00	7.39	
80.00	9.55	
81.00	7.06	
82.00	11.00	
83.00	10.00	
84.00	17.60	
85.00	14.80	
86.00	18.60	
87.00	17.00	
88.00	13.40	
89.00	7.88	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	14.50	
91.00	19.50	
92.00	21.10	
93.00	4.79	
94.00	1.93	
95.00	2.67	
96.00	1.66	
97.00	13.40	
98.00	2.83	
99.00	16.10	
100.00	2.34	
101.00	20.50	
102.00	20.40	
103.00	4.13	
104.00	2.59	
105.00	13.50	
106.00	3.34	
107.00	0.65	
108.00	15.30	
109.00	4.66	
110.00	8.78	
111.00	2.61	
112.00	6.20	
113.00	2.08	
114.00	15.70	
115.00	3.51	
116.00	14.40	
117.00	2.58	
118.00	20.60	
119.00	5.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	13.20	
121.00	15.60	
122.00	3.78	
123.00	20.20	
124.00	19.30	
125.00	16.50	
126.00	11.20	
127.00	7.96	
128.00	4.19	
129.00	7.39	
130.00	8.89	
131.00	5.65	
132.00	3.55	
133.00	15.20	
134.00	3.14	
135.00	19.10	
136.00	4.01	
137.00	18.40	
138.00	16.80	
139.00	9.02	
140.00	6.82	
141.00	13.20	
142.00	16.10	
143.00	15.10	
144.00	14.00	
145.00	12.80	
146.00	14.70	
147.00	5.41	
148.00	3.18	
149.00	3.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	20.80	
151.00	21.00	
152.00	18.80	
153.00	15.70	
154.00	22.50	
155.00	18.90	
156.00	19.10	
157.00	23.10	
158.00	5.41	
159.00	12.20	
160.00	3.12	
161.00	7.75	
162.00	5.25	
163.00	13.70	
164.00	3.42	
165.00	4.48	
166.00	9.99	
167.00	3.34	
168.00	5.27	
169.00	11.00	
170.00	11.00	
171.00	4.39	
172.00	20.10	
173.00	4.20	
174.00	8.52	
175.00	3.97	
176.00	11.60	
177.00	5.78	
178.00	4.02	
179.00	2.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	12.10	
181.00	14.20	
182.00	9.13	
183.00	11.70	
184.00	7.59	
185.00	2.79	
186.00	12.60	
187.00	13.80	
188.00	2.26	
189.00	6.36	
190.00	3.33	
191.00	9.95	
192.00	2.61	
193.00	1.13	
194.00	12.50	
195.00	15.60	
196.00	17.70	
197.00	20.20	
198.00	16.30	
199.00	9.91	
200.00	6.24	
201.00	4.00	
202.00	11.50	
203.00	0.51	
204.00	0.34	
205.00	0.36	
206.00	0.29	
207.00	0.29	
208.00	0.31	
209.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.76	
211.00	0.40	
212.00	2.67	
213.00	3.12	
214.00	1.48	
215.00	7.94	
216.00	14.60	
217.00	1.46	
218.00	0.32	
219.00	2.21	
220.00	0.60	
221.00	6.89	
222.00	0.31	
223.00	0.36	
224.00	0.80	
225.00	10.80	
226.00	0.45	
227.00	4.44	
228.00	0.43	
229.00	5.12	
230.00	5.08	
231.00	0.62	
232.00	0.45	
233.00	11.50	
234.00	12.40	
235.00	7.70	
236.00	1.11	
237.00	6.14	
238.00	16.70	
239.00	22.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	5.25	
241.00	6.35	
242.00	9.46	
243.00	7.13	
244.00	9.31	
245.00	19.60	
246.00	22.70	
247.00	23.20	
248.00	23.00	
249.00	4.28	
250.00	2.14	
251.00	5.50	
252.00	16.10	
253.00	22.30	
254.00	20.30	
255.00	20.20	
256.00	20.50	
257.00	20.40	
258.00	17.50	
259.00	10.60	
260.00	21.30	
261.00	7.30	
262.00	10.90	
263.00	18.70	
264.00	9.05	
265.00	25.30	
266.00	12.00	
267.00	9.46	
268.00	17.40	
269.00	16.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	13.10	
271.00	6.40	
272.00	4.17	
273.00	3.71	
274.00	5.14	
275.00	1.40	
276.00	8.16	
277.00	1.95	
278.00	3.22	
279.00	1.33	
280.00	4.11	
281.00	3.12	
282.00	3.62	
283.00	17.30	
284.00	7.68	
285.00	6.47	
286.00	4.99	
287.00	5.74	
288.00	4.08	
289.00	5.83	
290.00	5.85	
291.00	1.53	
292.00	4.37	
293.00	5.74	
294.00	5.65	
295.00	4.22	
296.00	7.19	
297.00	4.70	
298.00	25.70	
299.00	57.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	8.08	
301.00	1.40	
302.00	6.51	
303.00	7.63	
304.00	10.70	
305.00	27.40	
306.00	25.90	
307.00	6.36	
308.00	8.39	
309.00	5.69	
310.00	15.80	
311.00	21.00	
312.00	18.80	
313.00	13.30	
314.00	5.03	
315.00	7.37	
316.00	6.91	
317.00	12.10	
318.00	2.45	
319.00	14.80	
320.00	11.70	
321.00	25.10	
322.00	22.40	
323.00	13.00	
324.00	5.41	
325.00	4.79	
326.00	10.30	
327.00	5.32	
328.00	20.90	
329.00	5.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	2.50	
331.00	7.50	
332.00	9.13	
333.00	5.63	
334.00	7.81	
335.00	7.70	
336.00	5.63	
337.00	5.19	
338.00	3.89	
339.00	12.40	
340.00	2.06	
341.00	5.54	
342.00	3.42	
343.00	2.54	
344.00	5.54	
345.00	7.55	
346.00	5.69	
347.00	4.50	
348.00	6.60	
349.00	16.00	
350.00	2.48	
351.00	1.57	
352.00	4.66	
353.00	3.11	
354.00	4.46	
355.00	4.63	
356.00	4.13	
357.00	2.61	
358.00	4.42	
359.00	2.01	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	2.10	
361.00	6.80	
362.00	3.66	
363.00	2.16	
364.00	3.45	
365.00	2.43	
366.00	3.33	
367.00	2.32	
368.00	1.17	
369.00	3.53	
370.00	2.01	
371.00	5.96	
372.00	4.00	
373.00	2.89	
374.00	3.91	
375.00	4.68	
376.00	2.41	
377.00	5.41	
378.00	4.22	
379.00	8.45	
380.00	7.46	
381.00	7.64	
382.00	24.10	
383.00	10.10	
384.00	14.70	
385.00	22.50	
386.00	7.13	
387.00	13.90	
388.00	9.68	
389.00	9.20	EOH

KLAZA

Hole: **DDH-KL-12-96** **Date:**

Box #	From (m)	To (m)
1	0.00	11.74
2	11.74	17.80
3	17.80	25.00
4	25.00	31.00
5	31.00	38.02
6	38.02	43.65
7	43.65	48.88
8	48.88	55.16
9	55.16	60.21
10	60.21	66.65
11	66.65	72.24
12	72.24	78.33
13	78.33	84.15
14	84.15	89.84
15	89.84	95.76
16	95.76	101.29
17	101.29	107.20
18	107.20	113.07
19	113.07	118.32
20	118.32	124.05
21	124.05	129.75
22	129.75	135.26
23	135.26	140.76
24	140.76	146.14
25	146.14	151.70
26	151.70	157.33
27	157.33	162.56
28	162.56	168.09
29	168.09	173.83

KLAZA

30	173.83	179.36
31	179.36	184.91
32	184.91	190.70
33	190.70	196.60
34	196.60	202.20
35	202.20	207.93
36	207.93	213.85
37	213.85	219.75
38	219.75	225.57
39	225.57	230.74
40	230.74	236.83
41	236.83	242.32
42	242.32	248.46
43	248.46	253.97
44	253.97	259.31
45	259.31	265.10
46	265.10	270.61
47	270.61	276.52
48	276.52	282.44
49	282.44	288.34
50	288.34	294.18
51	294.18	299.65
52	299.65	305.66
53	305.66	311.55
54	311.55	317.08
55	317.08	322.64
56	322.64	328.27
57	328.27	333.63
58	333.63	339.31
59	339.31	344.88
60	344.88	349.61
61	349.61	355.77
62	355.77	361.31
63	361.31	367.75
64	367.75	372.93
65	372.93	378.31
66	378.31	383.89

KLAZA

67	383.89	389.23
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Scout Drill			381744.84	6890474.5	1270.046	276.45

SECTION:

HOLE: KL-DDH-12-98

CLAIM: YD09210

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 5-7th, 2012

Geology logged by: L. Flavelle

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	125.38	125.38	GRD	Majority is weak propylitic altered GRD with patches
125.38	127.61	2.23	FEL	
125.65	125.77	0.12	VEN	White quartz vein hosting pervasive pyrite and pyrite stringers, galena blebs, disseminated arsenopyrite.
142.48	142.58	0.10	FT	Fault zone
187.34	187.36	0.02	VEN	White quartz vein hosting blebs of fine-grained galen
194.38	194.53	0.15	FEL	Gradational contacts both uphole and downhole.
194.53	251.24	56.71	GRD	Majority is propylitic altered GRD with infrequent Qz v
251.24	255.39	4.15	FEL	Quartz-feldspar porphyry dyke.
255.39	276.45	21.06	GRD	Majority is propylitic altered GRD with infrequent Qz v
				EOH 276.45 m

SAMPLES

Numbers: N820001 - N820051

Total: 196

Batch: 91/98B1, 98-2, 98-3, 98-4, 98-5, 98-6

Date Sent:

Certificate:

COMMENTS

EOH 276.45 m

KLAZA

Hole: KL-DDH-12-98 **Logger Name:** L. Flavelle **Date: August 1, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	7.62	7.62					OVB/(														OVERBURDEN/CASING
7.62	11.50	3.88				mKgW	GRD	MG	LT	BL	FR	2-3		PRO	2						Variably oxidized and fractured with some gouge present.
									MD	OR											
11.50	17.81	6.31				mKgW	GRD	MG	LT	GN	FR	2-3		PRO	2-3	.01					Predominantly weakly propylitically altered and oxidized with some strong hematite staining on fracture planes as well as dark-green chlorite. Quartz-carbonate stringers present.
									MD	OR											
17.81	21.41	3.60				mKgW	GRD	MG	LT	GN	PA		2	PRO	2-3						Weakly oxidized along fracture planes, some more siliceous areas as well as quartz-carbonate and carbonate stringers.
									MD	GY											
21.41	26.39	4.98				mKgW	GRD	MG	LT	OR		1-2		PRO	1-2	.01					Weakly oxidized along fracture planes, carbonate stringers throughout and potassic overprinting.
									MD	GY-GN				POT	1						
26.39	36.36	9.97				mKgW	GRD	MG	LT	GN				PRO	3	.01					Pyrite along selvages of quartz-carbonate veinlets which are frequent and up to 2cm-
														ARG-	1-2						
			29.03	29.85	0.82	mKgW	GRD	MG	DK	GY-GN				PRO	1-2						Largely unaltered, minor carbonate stringers.
														POT	1						
			33.21	34.31	1.10	mKgW	GRD	MG	DK	RD	NE	3-4	2	HEM	2-3						Very hematite/goethite-rich netted stringers. One siliceous zone within interval.
									MD	OR											
36.36	53.13	16.77				mKgW	GRD	MG	DK	GY-GN				PRO	1-2						Relatively unaltered, minor carbonate stringers.
			43.55	44.42	0.87	mKgW	GRD	MG	LT	GN				PRO	3						Altered patch hosting one 2cm-wide pink quartz-carbonate veinlet.
									LT	WH-PK				ARG-	1-2						
53.13	59.65	6.52				mKgW	GRD	MG	LT	GN	NE	3		PRO	3						Dendritic/netted stringers of hematite, quartz-carbonate stringers and veinlets, hematite staining on fracture surfaces and approaching gouge in some fractures.
									DK	GN	DN										
59.65	70.41	10.76				mKgW	GRD	MG	LT-M	GN	PA			PRO	1-2	.01					Trace disseminated pyrite, especially in selvage of quartz-carbonate veinlets, carbonate stringers.
			65.64	69.03	3.39	mKgW	GRD	MG	LT	GN				PRO	3	.01					Sparse quartz-carbonate stringers/veinlets, trace disseminated pyrite.
70.41	98.30	27.89				mKgW	GRD	MG	MD	GN	PA			PRO	2-3						Frequent chlorite-rich quartz-carbonate stringers and veinlets. Argillic/potassic patchy overprinting.
														ARG-	1-2						
			73.50	74.60	1.10	mKgW	GRD	MG	LT-M	GN	EN			PHY	3	1-2					Envelope hosting a 5cm-wide milky-white quartz vein with hematite stringers along selvage and blebby pyrite, pyrite stringers.
			78.50	78.96	0.46	mKgW	GRD	MG	LT-M	GN	EN			PHY	3	0.1					Envelope hosting a 2cm-wide white quartz vein hosting trace disseminated pyrite and fine-grained sulfide stringers.
			97.53	98.30	0.77	mKgW	GRD	MG	LT-M	GN	EN			PHY	3	5					Envelope hosting a 10cm-wide milky-white quartz vein with netted carbonate stringers - approaching brecciated - pyrite blebs, some large euhedral crystals (cubes).
98.30	107.00	8.70				mKgW	GRD	MG	MD	GY				PRO	1						Relatively unaltered.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			101.02	103.00	1.98	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4						Envelope hosting multiple calcite veinlets, carbonate veinlets and vuggy quartz veinlets.
			105.36	107.00	1.64	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4	.5-1					Pyrite contained within 3 small (up to 1cm-wide) quartz-carbonate veinlets.
107.00	140.55	33.55				mKgW	GRD	MG	MD	GN	PA			PRO	3						Alteration variable in intensity and type, patchy throughout. Quartz-carbonate stringers throughout, strong chlorite content.
									MD	PK				POT	2-3						
			114.52	114.91	0.39	mKgW	GRD	MG	MD	RD				HEM	3						Heavily hematite stained especially on fracture surfaces.
			115.41	115.80	0.39	mKgW	GRD	MG	MD	GN	BA		2-3								Chlorite/hematite banding, swirls, increased silicification.
									MD	RD											
			118.75	121.11	2.36	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4	.5					Envelope containing several quartz-carbonate stringers hosting trace pyrite and a 10cm-wide fault zone hosting sulfide stringers and pyrite.
			125.38	127.61	2.23	LKqP	FEL	PO	LT	GN	EN			PHY	3-4	1					Envelope hosting small carbonate stringers, pyrite stringers and disseminated pyrite.
			125.67	127.10	1.43	mKgW	GRD	MG	LT	GN	ZO										Zoned feldspar porphyry dyke with gouge zones both uphole and downhole (transition to GRD).
									LT	RD-PU											
			132.80	135.02	2.22	mKgW	GRD	MG	MD	GN	EN			PHY	3						Envelope containing multiple clay altered brittle zones and unmineralized quartz-carbonate veinlets.
														ARG	2						
			137.83	137.99	0.16	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4						Envelope containing a 1cm-wide quartz-carbonate veinlet with hematite stringers along selvage. Unmineralized.
			139.93	140.55	0.62	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4	.5					Envelope containing multiple quartz-carbonate veinlets with chalcedonic selvages and chlorite stringers, hosting weak disseminated pyrite.
140.55	208.27	67.72				mKgW	GRD	MG	MD	GY-(	PA			PRO	1						Weakly altered, potassic overprinting and patchy argillic alteration, quartz-carbonate stringers present.
														POT//	1-2						
			143.42	145.65	2.23	mKgW	GRD	MG	LT	GY-(	FR			PHY	3	0.5					Highly fractured, some gougy argillic/phyllically altered with multiple quartz-carbonate veinlets hosting trace to moderate mineralization.
														ARG	2						
			145.65	146.20	0.55	mKgW	GRD	MG	DK	RD-PU				HEM	3						Very strongly prolylitically altered with pervasive hematite/manganese stringers.
									DK	GN				PRO	3						
			146.20	148.53		mKgW	GRD	MG	LT	GY-(	FR			PHY	3	0.5					Highly fractured, some gougy argillic/phyllically altered with multiple quartz-carbonate veinlets hosting trace to moderate mineralization.
														ARG	2						
			153.85	154.36	0.51	mKgW	GRD	MG	MD	RD-PU				HEM	2						Hematized granodiorite with potassic overprinting.
														POT	2						
			154.53	157.72	3.19	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4	0.1					Altered envelope with some potassic overprinting and hematization. Frequent quartz-carbonate veinlets/stringers and gouge. Trace mineralization.
														POT	2						
			163.35	164.51	1.16	mKgW	GRD	MG	LT-M	GN	EN			PHY	3	0.1					Envelope hosting quartz-sulfide stringers and veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			165.11	167.81	2.70	mKgW	GRD	MG	LT-M	GN	EN			PHY	3	0.5-1					Envelope containing multiple white quartz-carbonate veins hosting pyrite stringers, sulfide stringers and disseminated pyrite.
			174.06	174.21	0.15	mKgW	GRD	MG	LT-M	GN	EN			PHY	3						Small envelope containing one 1cm-wide quartz-carbonate veinlet, unmineralized.
			174.58	175.38	0.80	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4						Envelope containing a 20cm-wide zone where quartz-carbonate veinlets are common, sulfide stringers are present and altered rock is very uncompetent - crumbly.
														ARG	2						
			178.57	179.85	1.28	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4	0.1					Envelope containing white quartz-carbonate veinlets, stringers hosting disseminated pyrite and sulfide stringers.
			179.43	179.63	0.20	mKgW	GRD	MG	DK	RD-PU			2	HEM	3-4						Pervasive manganese/hematite stringers stringers, slightly more silicified.
			183.40	183.91	0.51	mKgW	GRD	MG	DK	RD-I	FR			HEM	2						Fractured, hematized with associated manganese/hematite stringers.
			184.76	185.01	0.25	mKgW	GRD	MG	DK	RD-PU				HEM	3						Fractured and crumbly, hematized with associated manganese and hematite stringers.
			185.41	185.41																	Bit change and reaming - no sample of redrill rubble.
			186.08	186.28	0.20	mKgW	GRD	MG	MD	RD				HEM	2						Increased hematization, contains two white quartz veinlets, unmineralized, with manganese/hematite stringers.
									MD	GN											
			187.35	190.25	2.90	mKgW	GRD	MG	MD	GN				PRO	2						Frequent unmineralized quartz-carbonate veinlets and stringers, heavily hematite stained stringers especially on selvages.
														HEM	1						
			192.18	193.32	1.14	mKgW	GRD	MG	LT-M	GN	EN		2	PHY	3						Envelope containing few quartz stringers and one area of higher silicification.
			193.98	194.38	0.40	mKgW	GRD	MG	LT-M	GN				PHY	2-3						Altered area hosting two white quartz veinlets, unmineralized.
			194.38	194.53	0.15	LKqP	FEL		DK	GN											Gradational contacts both uphole and downhole.
			195.17	195.20	0.03	mKgW	GRD	MG	DK	RD-PU			2	HEM	3-4						Strongly hematized, manganese stringers, partially silicified.
			197.35	197.54	0.19	mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4						Envelope containing multiple unmineralized quartz-carbonate veinlets, some vuggy.
											VU										
			197.54	197.90	0.36	mKgW	GRD	MG	LT	GN			4	PHY	3-4						Heavily silicified with irregular carbonate veinlets and multiple 1-2cm wide gouge zones.
			197.90	200.98		mKgW	GRD	MG	LT-M	GN	EN			PHY	3-4						Envelope containing multiple unmineralized quartz-carbonate veinlets, some vuggy.
											VU										
			200.98	201.29	0.31	mKgW	GRD	MG	DK	RD-I	NE			HEM	3						Hematized with pervasive manganese/hematite stringers throughout, approaching netted.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			201.89	202.11	0.22		APL	FG	MD	PK											Aplite dyke, manganese infilled stringers throughout.
			203.04	203.46	0.42	mKgW	GRD	MG	MD	GY-(	FR										More fractured with some slickenslides apparent.
			203.85	203.87	0.02		APL	FG	MD	PK											Aplite dyke.
			205.17	205.75	0.58	mKgW	GRD	MG	MD	GN	VU			PHY	2-3						Phyllic envelope containing vuggy pink quartz-carbonate veins and veinlets, unmineralized.
											EN										
			206.25	206.96	0.71	mKgW	GRD	MG	LT-M	GN	EN			PHY	3						Gouge bounding the uphole side of this envelope which contains a 10cm-wide quartz-carbonate/silicified zone, unmineralized, and other unmineralized quartz-carbonate veinlets with manganese/hematite stringers.
208.27	276.45	68.18				mKgW	GRD	MG			PA			PRO							Patchy propylitically altered with strong potassic (and/or argillic) alteration. Strong chlorite content of parts of interval. Many unmineralized quartz-carbonate stringers.
														POT/ARG							
			209.26	209.26																	Reaming back in - re-drill - do not sample.
			212.80	212.98	0.18		APL	FG	MD	PK											Aplite dyke bounded downhole by gouge.
			213.17	213.31	0.14	mKgW	GRD	MG	DK	GN				PRO	5	0.5	0.01?				Very strongly altered with disseminated fine-grained pyrite (and arsenopyrite?).
			218.23	218.54	0.31	mKgW	GRD	MG	DK	RD-PU			2	HEM	2						Hematized interval including hematite/manganese stringers. Hematite stain along fractures and a slight increase in silicification.
									MD	GN											
			223.80	225.04	1.24	mKgW	GRD	MG	DK	RD-PU				HEM	3-4	0.01					Heavily hematized with hematite/manganese stringers and white quartz-carbonate veinlets hosting trace pyrite.
									DK	GN											
			225.04	225.32	0.28	mKgW	GRD	MG	DK	GN				PRO	5	0.01					Extremely propylitically altered containing white quartz veinlets and stringers, hematite stain on all fracture surfaces. Trace disseminated pyrite.
			225.32	225.79		mKgW	GRD	MG	DK	RD-PU				HEM	3-4	0.01					Heavily hematized with hematite/manganese stringers and white quartz-carbonate veinlets hosting trace pyrite.
									DK	GN											
			227.59	227.72	0.13	mKgW	GRD	MG	DK	RD	FR			HEM	2-3	0.01					Fractured, hosting trace disseminated pyrite.
									DK	GN											
			232.05	232.72	0.67	mKgW	GRD	MG	LT	GN				PHY	2-3	0.01					Altered interval host to several quartz-carbonate veins/veinlets, trace pyrite.
									LT	PK				POT/A	2						
			239.94	241.50	1.56	mKgW	GRD	MG	MD	BL-GN			3	PHY	3						Intensely altered - approaching gouge in many sections, more silicified 10cm-wide zone and one white quartz vein, unmineralized
									DK	RD				HEM	4						
			241.50	244.50	3.00	mKgW	GRD	MG	LT-M	GN			3	PHY	3-4						Intensely altered - approaching gouge in many sections, more silicified zones, quartz-carbonate stringers throughout.
			244.50	244.73	0.23	mKgW	GRD	MG	MD	PK				HEM	2						Increased hematization and gouge bounding the downhole side of the interval.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									MD	GN											
			245.08	246.42	1.34	mKgW	GRD	MG	LT-M	GN	FR			PHY	3-4						Altered interval with patches that are highly fractured and some currmbly rock approaching gouge. White quartz-carbonate stringers throughout.
														PRO	3						
			247.35	251.22	3.87	mKgW	GRD	MG	LT	GN	EN			PHY	4	1	0.01?				Intensely altered envelope hosting frequent white quartz stringers, veinlets and veins with pyrite.
			251.24	255.39	4.15	LKqP	FEL		DK	PU											Quartz-feldspar porphyry dyke.
									DK	GN											
			259.75	261.87	2.12	mKgW	GRD	MG	LT	GN	EN			PHY	3-4						Envelope containing multiple quartz-carbonate stringers, veinlets and veins with variable mineralization/some gouge.
			264.07	264.14	0.07	mKgW	GRD	MG	DK	GN				PRO	4						Very strong propylitically altered with pervasive netted manganese/hematite stringers.
			264.21	264.35	0.14	mKgW	GRD	MG	DK	GN				PRO	4						Very strong propylitically altered with pervasive netted manganese/hematite stringers.
			267.41	267.78	0.37	mKgW	GRD	MG	MD	PK				POT	3						Increased potassic overprinting.
			270.51	271.43	0.92	mKgW	GRD	MG	LT-M	GN	EN			PHY	4	0.5		gn	0.01		Envelope containing white quartz-carbonate veins hosting trace disseminated pyrite and galena amd a 1cm-wide section of gouge.
			272.75	273.29	0.54	mKgW	GRD	MG	LT-M	GN	EN			PHY	3						Envelope containing a white quartz veinlet and an irregular chlorite-rich carbonate veinlet.
			274.40	275.96	1.56	mKgW	GRD	MG	LT-M	GN	EN			PHY	3						Envelope containing multiple unmineralized white quartz-carbonate veinlets and stringers.
			276.45	276.45																	EOH

KLAZA

Hole: KL-DDH-12-98 Logger Name: L. Flavelle

Depth (m)		DESCRIPTION
125.67		Phyllic altered granodiorite uphole, feldspar porphyry dyke downhole from this point.
127.10		Quartz-feldspar porphyry dyke uphole, phyllic altered GRD downhole from this point. Grading due to gouge present.
201.89		45 degree GRD to Aplite dyke.
251.22		50 degree phyllic altered GRD to gouge.
251.24		70 degree gouge to quartz-feldspar porphyry dyke.
255.39		40 degree quartz-feldspar porphyry dyke to GRD.
		EOH

KLAZA

Hole: KL-DDH-12-98 **Logger Name: L. Flavelle L. Flavelle** **Date: August 1, 2012**

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	74.30	74.35	0.05	75.00		1.00	py	1-2	milky-white quartz vein, hematite stringers along selvage and blebby pyrite + pyrite stringers	
VN	97.97	98.07	0.10	85.00		1.00	py	5	milky-white quartz vein with netted carbonate stringers - approaching brecciated - pyrite blebs, some large euhedral crystals (cubes) as well as a 2cm-wide gouge zone on the up-hole side of the vein. Euhedral plagioclase crystale showing polysynthetic twinning, now replaced by clay hosting infilled pyrite +- sericite.	
VTs	101.02	103.00	1.98	35-45		4.00	py	1	Vuggy quartz veinlet, pink carbonate veinlets and orange stringers, clear calcite veinlets, pyrite disseminated throughout. 3cm-wide white quartz veinlet hosting pyrite stringers and disseminated pyrite.	
VT	112.19	112.22	0.03	50.00		1.00			Green-clear quartz veinlet with strong chlorite content (stringers) and epidote present. Trace hematite. Unmineralized.	
VT	112.74	112.76	0.02	70.00		1.00	py	1	Milky-white quartz-carbonate veinlet with chalcedonic selvages and trace disseminated pyrite.	
FT	123.09	123.17	0.08	90.00		1.00			Fault zone.	
VN	125.65	125.77	0.12	75.00		1.00	py	10	White quartz vein hosting pervasive pyrite and pyrite stringers, galena blebs, disseminated arsenopyrite.	
							gn	5		
							as	5		
FT	142.48	142.58	0.10	60.00		1.00			Fault zone.	
VN	146.52	146.60	0.08	?		1.00	py	5	Pink quartz-carbonate vein hosting pervasive pyrite and sulfide stringers.	
VN	166.90	167.40	0.50	85.00		2.00	py	5-10	2 white quartz-carbonate veins hosting sulfide/pyrite stringers and disseminated pyrite (3cm and 5cm).	
VN	179.20	179.23	0.03	90?		1.00	py	10	Attitude unclear as not part of core around (broken). Pink-white quartz-carbonate vein hosting sulfide stringers and disseminated pyrite.	
VN	187.34	187.36	0.02	85.00		1.00	py	1	White quartz vein hosting blebs of fine-grained galena, trace sphalerite and pyrite along selvage. Possible arsenopyrite.	
							gn	5		
							sp	1		
							as	1.00		
VN	187.99	188.01	0.02	80.00		1.00			White quartz-carbonate vein with manganese/hematite stringers along selvage, unmineralized.	
VN	188.06	188.07	0.01	80.00		1.00			White quartz-carbonate vein with manganese/hematite stringers along selvage, unmineralized.	
VT	188.68	190.25	1.57	60-85		4.00			White quartz-carbonate vein with manganese/hematite stringers along selvage, unmineralized.	
VN	209.88	209.90	0.02	85.00		1.00	py	1.00	White quartz vein, strong hematite staining/stringers with trace pyrite.	
VT	217.75	217.75		70.00		1.00	py	1.00	0.5cm-wide white quartz-carbonate veinlet with sulfide stringers along selvages and trace pyrite.	
VN	218.97	219.03	0.06	60.00		1.00			Netted manganese/hematite stringers, approaching breccia. Appears unmineralized.	
VT	220.60	223.15	2.55	60-80		5.00	py	1.00	White quartz-carbonate veinlets with associated hematite and manganese stringers, hosting trace pyrite.	
VN	223.81	223.84	0.03	70.00		1.00	py	1.00	White-pink quartz-carbonate vein hosting trace tarnished pyrite.	
VN/GO	238.02	238.06	0.04	45.00		1.00	py	1.00	White quartz vein with associated gouge. Trace pyrite.	
VN	248.11	248.22	0.11	50.00		1.00	py	5.00	2cm-wide white quartz vein hosting pyrite stringers, pervasive pyrite, hematite stringers. 1cm-wide white quartz vein(?) hosting pervasive pyrite and possibly arsenopyrite.	
							as	1.00		
VN	250.75	250.89	0.14	80.00		2.00	py	1.00	3cm-wide white quartz vein hosting sulfide stringers and pyrite stringers.	
GO	251.22	251.24	0.02	80.00		2.00			Clay gouge between phyllic altered GRD uphole and quartz-feldspar dyke downhole.	
VN	260.24	260.30	0.06	80.00		1.00	py	1.00	Grey quartz vein hosting sulfide stringers and disseminated pyrite.	
VN	261.51	261.54	0.03	60.00		1.00	py	50.00	White quartz-carbonate vein hosting blebby pyrite and sulfide stringers.	
									EOH	

KLAZA

Hole: KL-DDH-12-98 **Date: August 1, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
21.84	10.05	4.1	351.1	222.1	GRD		PRO	1			2.646106	2.721705	FRESH GRD
39.73	9.95	4.1	367.2	230.8	GRD		PRO	1			2.795259	2.692082	FRESH GRD
67.42	8.7	4.1	310.9	192.6	GRD		PRO	2-3			2.706723	2.628064	Propylitically altered GRD.
102.09	10.1	4.1	376.1	238.9	GRD		PRO/PH	3	py	0.5	2.820489	2.741254	Pyrite throughout, twinned plagioclase replaced by clay, infilled by pyrite.
126.43	9.95	4.1	352.7	218.6	FEL						2.684879	2.630127	Feldspar porphyry dyke.
145.63	9.95	4.1	370	232.8	GRD		PRO	3			2.816573	2.696793	Propylitically altered GRD with pervasive manganese stringers.
154.95	9.6	4.1	366.6	232.2	GRD		PHY	2-3			2.892435	2.727679	Phyllic altered GRD.
212.28	9.5	4.1	348.4	218.2	GRD		PRO	3			2.777774	2.675883	Patchy altered GRD.
													EOH

KLAZA

Hole: KL-DDH-12-98 **Date: August 1, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
7.62	9.12	1.50	1.50	100	N812370	91/98B1				
9.12	10.72	1.60	1.08	67.5	N812371	91/98B1				crumbly
10.72	12.35	1.63	1.08	66.3	N812372	91/98B1				crumbly
12.35	13.88	1.53	1.49	97.4	N812373	91/98B1				
13.88	15.08	1.20	1.20	100	N812374	91/98B1				
					N812375	91/98B1				Coarse Reject Duplicate
15.08	16.46	1.38	1.35	97.8	N812376	91/98B1				
					N812377	91/98B1				Blank Sample
16.46	17.80	1.34	1.33	99.3	N812378	91/98B1				
17.80	19.72	1.92	1.66	86.5	N812379	91/98B1				
19.72	21.43	1.71	1.69	98.8	N812380	91/98B1				
21.43	24.43	3.00	3.00	100	N812381	91/98B1				
					N812382	91/98B1				Klaza Standard #1
24.43	26.46	2.03	1.69	83.3	N812383	91/98B1				
26.46	29.05	2.59	2.59	100	N812384	91/98B1				
29.05	30.06	1.01	1.01	100	N812385	91/98B1				
30.06	31.63	1.57	1.55	98.7	N812386	91/98B1				
31.63	33.19	1.56	1.56	100	N812387	91/98B1				
33.19	34.30	1.11	1.08	97.3	N812388	91/98B1				
					N812389	91/98B1				Blank Sample
34.30	36.35	2.05	2.05	100	N812390	91/98B1				
36.35	39.35	3.00	2.95	98.3	N812391	91/98B1				
39.35	42.35	3.00	2.94	98	N812392	91/98B1				
42.35	43.59	1.24	1.24	100	N812393	91/98B1				
43.59	44.59	1.00	0.94	94	N812394	91/98B1				
44.59	47.59	3.00	2.99	99.7	N812395	91/98B1				
47.59	50.59	3.00	2.87	95.7	N812396	91/98B1				
					N812397	91/98B1				Klaza Standard #2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
50.59	53.59	3.00	3.00	100	N812398	91/98B1				
					N812399	91/98B1				1/4 Duplicate
53.59	54.63	1.04	1.00	96.2	N812400	91/98B1				
54.63	56.60	1.97	1.76	89.3	N812401	91/98B1				
56.60	57.66	1.06	1.06	100	N812402	2				
57.66	58.66	1.00	0.96	96	N812403	2				
58.66	59.66	1.00	1.00	100	N812404	2				
59.66	62.62	2.96	2.93	99	N812405	2				
					N812406	2				Klaza Standard #2
62.62	63.66	1.04	1.04	100	N812407	2				
63.66	64.66	1.00	0.94	94	N812408	2				
					N812409	2				1/4 Duplicate
64.66	65.66	1.00	1.00	100	N812410	2				
65.66	67.16	1.50	1.50	100	N812411	2				
67.16	68.97	1.81	1.81	100	N812412	2				
68.97	70.40	1.43	1.42	99.3	N812413	2				
70.40	71.41	1.01	0.98	97	N812414	2				
71.41	73.59	2.18	2.18	100	N812415	2				
73.59	74.59	1.00	0.94	94	N812416	2				
					N812417	2				Blank
74.59	76.03	1.44	1.44	100	N812418	2				
76.03	77.98	1.95	1.95	100	N812419	2				
77.98	78.98	1.00	0.96	96	N812420	2				
78.98	80.18	1.20	1.20	100	N812421	2				
80.18	81.43	1.25	1.25	100	N812422	2				
81.43	83.48	2.05	2.04	99.5	N812423	2				
					N812424	2				Klaza Standard #3
83.48	85.48	2.00	2.00	100	N812425	2				
85.48	87.27	1.79	1.79	100	N812426	2				
87.27	89.00	1.73	1.68	97.1	N812427	2				
89.00	91.06	2.06	1.98	96.1	N812428	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
91.06	93.57	2.51	2.51	100	N812429	2				
93.57	95.61	2.04	2.04	100	N812430	2				
95.61	97.55	1.94	1.93	99.5	N812431	2				
97.55	98.55	1.00	0.78	78	N812432	2				broken vein zone
					N812433	2				Blank
98.55	101.02	2.47	2.47	100	N812434	2				
101.02	103.00	1.98	1.93	97.5	N812435	2				
					N812436	2				Coarse Reject Duplicate
103.00	105.35	2.35	2.35	100	N812437	2				
105.35	107.00	1.65	1.63	98.8	N812438	3				
107.00	109.45	2.45	2.45	100	N812439	3				
109.45	111.86	2.41	2.26	93.8	N812440	3				
111.86	112.93	1.07	1.07	100	N812441	3				
112.93	114.52	1.59	1.59	100	N812442	3				
					N812443	3				1/4 Duplicate
114.52	115.80	1.28	1.23	96.1	N812444	3				
115.80	118.60	2.80	2.80	100	N812445	3				
118.60	121.11	2.51	2.38	94.8	N812446	3				
121.11	122.68	1.57	1.57	100	N812447	3				
122.68	124.93	2.25	2.25	100	N812448	3				
124.90	125.90	1.00	1.00	100	N812449	3				
					N812450	3				Blank
125.90	126.90	1.00	0.94	94	N812451	3				
					N812452	3				Coarse Reject Duplicate
126.90	127.90	1.00	0.87	87	N812453	3				
127.90	129.72	1.82	1.82	100	N812454	3				
129.72	130.72	1.00	0.99	99	N812455	3				
130.72	132.80	2.08	2.08	100	N812456	3				
					N812457	3				Klaza Standard #2
132.80	134.82	2.02	2.00	99	N812458	3				
134.82	137.32	2.50	2.38	95.2	N812459	3				
137.32	139.93	2.61	2.54	97.3	N812460	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
139.93	140.93	1.00	1.00	100	N812461	3				
140.93	142.34	1.41	1.41	100	N812462	3				
142.34	143.86	1.52	1.38	90.8	N812463	3				
143.86	145.34	1.48	1.43	96.6	N812464	3				
145.34	146.34	1.00	0.90	90	N812465	3				
					N812466	3				Blank
146.34	147.59	1.25	1.25	100	N812467	3				
147.59	148.59	1.00	1.00	100	N812468	3				
148.59	150.52	1.93	1.84	95.3	N812469	3				
					N812470	3				Klaza Standard #3
150.52	152.83	2.31	2.31	100	N812471	3				
152.83	154.37	1.54	1.54	100	N812472	3				
154.37	155.68	1.31	1.31	100	N812473	3				
155.68	157.68	2.00	2.00	100	N812474	4				
157.68	159.68	2.00	1.92	96	N812475	4				
159.68	161.50	1.82	1.82	100	N812476	4				
161.50	163.46	1.96	1.94	99	N812477	4				
163.46	164.50	1.04	1.01	97.1	N812478	4				
164.50	166.73	2.23	2.21	99.1	N812479	4				
166.73	167.73	1.00	1.00	100	N812480	4				
167.73	169.77	2.04	2.04	100	N812481	4				
					N812482	4				Blank
169.77	170.95	1.18	1.18	100	N812483	4				
					N812484	4				Klaza Standard #1
170.95	172.66	1.71	1.69	98.8	N812485	4				
172.66	174.42	1.76	1.76	100	N812486	4				
174.42	175.42	1.00	0.99	99	N812487	4				
175.42	176.92	1.50	1.47	98	N812488	4				
176.92	178.76	1.84	1.84	100	N812489	4				
178.76	180.01	1.25	0.96	76.8	N812490	4				broken vein zone
					N812491	4				Blank
180.01	181.51	1.50	1.5	100	N812492	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
181.51	183.36	1.85	1.85	100	N812493	4				
183.36	185.01	1.65	1.65	100	N812494	4				
185.01	187.17	2.16	2.1	97.2	N812495	4				
187.17	188.17	1.00	0.98	98	N812496	4				
188.17	190.27	2.10	2.06	98.1	N812497	4				
190.27	192.23	1.96	1.96	100	N812498	4				
					N812499	4				Coarse Reject Duplicate
192.23	193.32	1.09	1	91.7	N812500	4				
193.32	194.37	1.05	1.05	100	N812501	4				
194.37	195.87	1.50	1.5	100	N812502	4				
195.87	197.54	1.67	1.65	98.8	N812503	4				
197.54	198.54	1.00	1	100	N812504	4				
198.54	200.91	2.37	2.17	91.6	N812505	4				
200.91	201.91	1.00	1	100	N812506	4				
					N812507	4				Klaza Standard #3
201.91	204.91	3.00	2.95	98.3	N812508	4				
					N812509	4				1/4 Duplicate
204.91	206.15	1.24	1.24	100	N812510	5				
					N812511	5				Blank
206.15	207.15	1.00	1	100	N812512	5				
207.15	208.31	1.16	1.16	100	N812513	5				
208.31	210.12	1.81	1.72	95	N812514	5				
210.12	211.62	1.50	1.5	100	N812515	5				
211.62	212.93	1.31	1.31	100	N812516	5				
212.93	213.93	1.00	1	100	N812517	5				
213.93	215.18	1.25	1	80	N812518	5				
215.18	216.68	1.50	1.47	98	N812519	5				
					N812520	5				Klaza Standard #2
216.68	218.20	1.52	1.52	100	N812521	5				
218.20	219.20	1.00	0.99	99	N812522	5				
219.20	221.74	2.54	2.54	100	N812523	5				
221.74	222.88	1.14	1.14	100	N812524	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
222.88	223.89	1.01	1.01	100	N812525	5				
					N812526	5				1/4 Duplicate
223.89	225.31	1.42	1.42	100	N812527	5				
225.31	226.31	1.00	1	100	N812528	5				
226.31	227.90	1.59	1.59	100	N812529	5				
227.90	228.90	1.00	0.99	99	N812530	5				
228.90	231.90	3.00	3	100	N812531	5				
231.90	232.90	1.00	0.98	98	N812532	5				
					N812533	5				Blank
232.90	235.90	3.00	2.95	98.3	N812534	5				
					N812535	5				Klaza Standard #1
235.90	237.90	2.00	2	100	N812536	5				
237.90	239.90	2.00	2	100	N812537	5				
239.90	241.55	1.65	1.56	94.5	N812538	5				
241.55	244.10	2.55	2.38	93.3	N812539	5				
244.10	245.10	1.00	0.95	95	N812540	5				
245.10	246.46	1.36	1.36	100	N812541	5				
246.46	247.87	1.41	1.4	99.3	N812542	5				
					N812543	5				Coarse Reject Duplicate
247.87	248.97	1.10	0.96	87.3	N812544	5				
					N812545	5				Blank
248.97	251.24	2.27	2.27	100	N812546	6				
251.24	252.51	1.27	1.26	99.2	N812547	6				
252.51	255.39	2.88	2.82	97.9	N812548	6				
255.39	257.73	2.34	2.23	95.3	N812549	6				
					N812550	6				Klaza Standard #3
257.73	259.84	2.11	2.1	99.5	N812551	6				
259.84	260.97	1.13	1.13	100	N812552	6				
260.97	261.97	1.00	0.91	91	N812553	6				
261.97	263.30	1.33	1.33	100	N812554	6				
263.30	265.93	2.63	2.63	100	N812555	6				
265.93	268.55	2.62	2.59	98.9	N812556	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
268.55	270.57	2.02	1.98	98	N812557	6				
270.57	271.57	1.00	0.99	99	N812558	6				
					N812559	6				Blank
271.57	272.76	1.19	1.19	100	N812560	6				
272.76	273.92	1.16	1.16	100	N812561	6				
273.92	274.92	1.00	0.82	82	N812562	6				
274.92	275.92	1.00	1	100	N812563	6				
					N812564	6				Coarse Reject Duplicate
275.92	276.45	0.53	0.53	100	N812565	6				
EOH										

KLAZA

Hole: KL-DDH-12-98 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
7.62	8.23	0.61	0.61	100	0.00	0		1.00	2.00	4.00	OVB
8.23	11.28	3.05	2.17	71	0.23	8		1.00	0.00	4.00	
11.28	14.33	3.05	2.07	68	0.13	4		1.00	1.00	3.00	
14.33	17.37	3.04	2.46	81	0.74	24		1.00	1.00	3.00	
17.37	20.42	3.05	2.25	74	0.43	14		2.00	2.00	2.00	
20.42	23.47	3.05	3.05	100	2.34	77		2.00	3.00	2.00	This interval originally 6m, 20ft, all blocks starting at 23.47m moved backwards 10 ft.
23.47	26.52	3.05	2.64	87	1.77	58		2.00	3.00	2.00	
26.52	29.57	3.05	2.93	96	1.68	55		2.00	3.00	2.00	
29.57	32.61	3.04	2.93	96	2.00	66		2.00	3.00	2.00	
32.61	35.66	3.05	2.95	97	2.32	76		2.00	3.00	2.00	
35.66	38.71	3.05	2.90	95	2.64	87		2.00	3.00	2.00	
38.71	41.76	3.05	2.89	95	2.24	73		2.00	3.00	2.00	
41.76	44.81	3.05	2.92	96	2.03	67		2.00	3.00	2.00	
44.81	47.85	3.04	2.96	97	1.59	52		2.00	3.00	2.00	
47.85	50.90	3.05	2.87	94	2.13	70		2.00	3.00	1.00	
50.90	53.95	3.05	2.95	97	1.70	56		2.00	3.00	2.00	
53.95	57.00	3.05	2.64	87	1.11	36		2.00	2.00	2.00	
57.00	60.05	3.05	2.92	96	1.99	65		2.00	3.00	2.00	
60.05	63.09	3.04	2.90	95	2.05	67		2.00	3.00	2.00	
63.09	66.14	3.05	2.98	98	2.65	87		2.00	3.00	2.00	
66.14	69.19	3.05	2.99	98	2.44	80		2.00	3.00	2.00	
69.19	72.24	3.05	2.97	97	1.22	40		1.00	3.00	2.00	
72.24	75.29	3.05	3.00	98	1.97	65		2.00	3.00	2.00	
75.29	78.33	3.04	3.04	100	1.45	48		2.00	2.00	2.00	
78.33	81.38	3.05	3.02	99	1.61	53		2.00	2.00	2.00	
81.38	84.43	3.05	3.01	99	2.55	84		2.00	3.00	2.00	
84.43	87.48	3.05	3.04	100	2.23	73		2.00	3.00	2.00	
87.48	90.53	3.05	2.89	95	2.53	83		2.00	3.00	2.00	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
90.53	93.57	3.04	2.95	97	0.88	29		1.00	3.00	2.00	
93.57	96.62	3.05	3.05	100	2.48	81		2.00	3.00	2.00	
96.62	99.67	3.05	2.84	93	1.42	47		2.00	3.00	2.00	
99.67	102.72	3.05	2.96	97	2.15	70		2.00	3.00	2.00	
102.72	105.77	3.05	2.97	97	1.62	53		2.00	3.00	1.00	
105.77	108.81	3.04	2.81	92	1.44	47		2.00	3.00	1.00	
108.81	111.86	3.05	2.80	92	1.93	63		2.00	3.00	1.00	
111.86	114.91	3.05	2.84	93	1.56	51		2.00	3.00	1.00	
114.91	117.96	3.05	2.97	97	1.58	52		2.00	3.00	1.00	
117.96	121.01	3.05	2.75	90	0.94	31		2.00	2.00	1.00	
121.01	124.05	3.04	2.99	98	1.83	60		2.00	2.00	1.00	
124.05	127.10	3.05	2.80	92	1.95	64		2.00	3.00	1.00	
127.10	130.15	3.05	2.99	98	2.40	79		2.00	3.00	1.00	
130.15	133.20	3.05	3.01	99	2.76	90		2.00	3.00	1.00	
133.20	136.25	3.05	2.85	93	0.95	31		1.00	1.00	1.00	
136.25	139.29	3.04	2.80	92	1.55	51		2.00	3.00	1.00	
139.29	142.34	3.05	3.00	98	1.63	53		2.00	3.00	1.00	
142.34	145.39	3.05	2.55	84	0.55	18		1.00	2.00	1.00	
145.39	148.44	3.05	2.96	97	0.33	11		1.00	1.00	1.00	
148.44	151.49	3.05	2.92	96	1.10	36		2.00	3.00	1.00	
151.49	154.53	3.04	2.92	96	1.24	41		1.00	1.00	1.00	
154.53	157.58	3.05	2.94	96	0.60	20		1.00	2.00	1.00	
157.58	160.63	3.05	3.01	99	1.53	50		2.00	3.00	1.00	
160.63	163.68	3.05	2.70	89	0.75	25		1.00	2.00	1.00	
163.68	166.73	3.05	2.97	97	1.57	51		1.00	2.00	1.00	
166.73	169.77	3.04	2.95	97	1.33	44		2.00	2.00	1.00	
169.77	172.82	3.05	2.98	98	1.85	61		2.00	3.00	1.00	
172.82	175.87	3.05	3.00	98	1.59	52		1.00	2.00	1.00	
175.87	178.92	3.05	3.05	100	1.48	49		2.00	3.00	1.00	
178.92	181.97	3.05	3.04	100	0.97	32		2.00	2.00	1.00	
181.97	185.01	3.04	2.87	94	1.32	43		2.00	3.00	1.00	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
185.01	188.06	3.05	3.04	100	1.64	54		2.00	3.00	1.00	
188.06	191.11	3.05	2.94	96	2.75	90		2.00	3.00	1.00	
191.11	194.16	3.05	3.05	100	1.32	43		2.00	3.00	1.00	
194.16	197.21	3.05	2.88	94	2.01	66		2.00	2.00	1.00	
197.21	200.25	3.04	3.05	100	1.66	55		1.00	3.00	1.00	
200.25	203.30	3.05	2.82	92	1.33	44		2.00	3.00	1.00	
203.30	206.35	3.05	3.05	100	0.50	16		1.00	3.00	1.00	
206.35	209.40	3.05	2.91	95	0.50	16		2.00	3.00	1.00	
209.40	215.45	6.05	2.93	48	0.36	6		2.00	3.00	1.00	
215.45	218.54	3.09	2.70	87	1.9	61		2.00	2.00	2.00	
218.54	221.59	3.05	3.05	100	2.00	66		2.00	2.00	2.00	
221.59	224.64	3.05	3.05	100	1.24	41		2.00	2.00	2.00	
224.64	227.69	3.05	2.99	98	1.68	55		2.00	2.00	2.00	
227.69	230.73	3.04	3.05	100	2.77	91		2.00	2.00	2.00	
230.73	233.78	3.05	3.05	100	2.26	74		2.00	3.00	2.00	
233.78	236.83	3.05	3.01	99	1.44	47		2.00	3.00	2.00	
236.83	239.88	3.05	3.00	98	2.87	94		2.00	1.00	2.00	
239.88	242.93	3.05	3.02	99	0.48	16		1.00	0.00	2.00	
242.93	245.97	3.04	2.97	98	0.60	20		1.00	1.00	3.00	
245.97	249.02	3.05	2.70	89	1.46	48		1.00	0.00	3.00	
249.02	252.07	3.05	2.91	95	1.16	38		1.00	2.00	2.00	
252.07	255.12	3.05	3.00	98	1.90	62		2.00	3.00	1.00	
255.12	258.17	3.05	2.89	95	2.29	75		2.00	3.00	1.00	
258.17	261.21	3.04	2.93	96	2.53	83		2.00	3.00	1.00	
261.21	264.26	3.05	2.98	98	2.64	87		2.00	3.00	1.00	
264.26	267.31	3.05	2.97	97	2.12	70		2.00	3.00	2.00	
267.31	270.36	3.05	2.95	97	2.73	90		2.00	3.00	2.00	
270.36	273.41	3.05	3.02	99	2.20	72		2.00	3.00	1.00	
273.41	276.45	3.04	2.81	92	2.07	68		2.00	3.00	1.00	

KLAZA

Hole: KL-DDH-12-98 **Tech Name:** Tory Prentice **Date:** Aug 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
7.26	8.23		-	-	-	-	-	-	rubble
8.23	11.28		-	-	-	-	-	-	rubble
11.28	14.33		30	0.20	0.00	3.00	3R	2W	
14.33	17.37		50	0.05	0.00	2.00	3R	2W	
17.37	20.42		55	0.05	0.00	2.00	3R	2W	
20.42	23.47		60	0.12	0.00	2.00	3R	2W	
23.47	26.52		60	0.14	0.00	2.00	3R	2W	
26.52	29.57		-	-	-	-	-	-	Random fractures
29.57	32.61		-	-	-	-	-	-	Random fractures
32.61	35.66		55	0.10	0.00	1.00	2R	2W	
35.66	38.71		50	0.15	0.00	2.00	3R	2W	
38.71	41.76		50	0.04	0.00	3.00	3R	1W	
41.76	44.81		20	0.02	0.00	1.00	1R	2W	
44.81	47.85		20	0.12	0.00	2.00	3R	3W	
47.85	50.90		50	0.08	0.00	2.00	3R	1W	
50.90	53.95		65	0.04	0.00	2.00	3R	2W	
53.95	57.00		30	0.12	0.00	2.00	3R	2W	
57.00	60.05		40	0.50	0.00	2.00	3R	2W	Additional joint sets: 65,0.1,0,2,3R,2W
60.05	63.09		35	0.08	0.00	3.00	3R	2W	Additional joint sets: 60,0.1,0,2,3R,2W
63.09	66.14		45	0.20	1.00	2.00	3R	3W	Additional joint sets: 70,0.15,0,2,3R,2W
66.14	69.19		25	0.30	0.00	2.00	2R	2W	Additional joint sets: 50,0.1,0,2,2R,2W
69.19	72.24		55	0.20	0.00	2.00	2R	2W	Rubbly
72.24	75.29		30	0.10	1.00	2.00	2R	3W	Additional joint sets: 70,0.07,0,2,2R,2W
75.29	78.33		30	0.50	2.00	2.00	2R	3W	Additional joint sets: 60,0.05,0,2,2R,2W
78.33	81.38		45	0.07	0.00	2.00	2R	2W	
81.38	84.43		30	0.30	0.00	2.00	2R	2W	Additional joint sets:60,0.2,0,2,2R,2W
84.43	87.48		40	0.30	0.00	2.00	3R	3W	Additional joint sets:60,0.15,0,2,2R,2W
87.48	90.53		40	0.60	0.00	2.00	2R	2W	Additional joint sets:60,0.15,0,2,2R,2W
90.53	93.57		50	0.80	0.00	3.00	3R	3W	Additional joint sets:25,0.1,1,2,2R,3W

KLAZA

93.57	96.62		60	0.80	0.00	3.00	2R	3W	Additional joint sets:25,0.1,1,2,2R,2W
96.62	99.67		60	0.10	0.00	3.00	3R	2W	Additional joint sets: 25,0.3,0,2,2R,2W
99.67	102.72		70	0.10	0.00	2.00	2R	2W	Additional joint sets: 35,0.1,0,2,3R,2W
102.72	105.77		-	-	-	-	-	-	
105.77	108.81		70	0.25	0.00	2.00	3R	1W	
108.81	111.86		40	0.20	0.00	2.00	3R	1W	
111.86	114.91	3.05	45	0.40	0.00	2.00	3R	1W	Additional joint sets: 80,0.10,0,2,3R,1W
114.91	117.96	3.05	-	-	-	-	-	-	
117.96	121.01	3.05	-	-	-	-	-	-	
121.01	124.05	3.04	60	0.40	0.00	2.00	2R	1W	
124.05	127.10	3.05	70	0.05	0.00	2.00	3R	1W	
127.10	130.15	3.05	55	0.10	0.00	2.00	2R	1W	
130.15	133.20	3.05	-	-	-	-	-	-	
133.20	136.25	3.05	45	0.10	0.00	2.00	3R	1W	Additional joint sets: 60,0.10,0,2,3R,1W
136.25	139.29	3.04	65	0.06	0.00	2.00	2R	1W	
139.29	142.34	3.05	55	0.30	0.00	2.00	3R	1W	
142.34	145.39	3.05	-	-	-	-	-	-	
145.39	148.44	3.05	-	-	-	-	-	-	
148.44	151.49	3.05	60	0.02	0.00	1.00	1R	1W	
151.49	154.53	3.04	70	0.10	0.00	1.00	1R	1W	
154.53	157.58	3.05	-	-	-	-	-	-	
157.58	160.63	3.05	45	0.12	0.00	2.00	1R	1W	
160.63	163.68	3.05	55	0.14	0.00	1.00	2R	1W	
163.68	166.73	3.05	45	0.25	0.00	2.00	2R	1W	Additional joint sets: 55,.09,0,3,3R,1W
166.73	169.77	3.04	40	0.30	0.00	1.00	1R	1W	
169.77	172.82	3.05	-	-	-	-	-	-	
172.82	175.87	3.05	-	-	-	-	-	-	
175.87	178.92	3.05	87	0.25	0.00	2.00	3R	1W	
178.92	181.97	3.05	65	0.05	0.00	2.00	2R	1W	
181.97	185.01	3.04	-	-	-	-	-	-	
185.01	188.06	3.05	87	0.45	0.00	2.00	3R	1W	
188.06	191.11	3.05	85	0.08	0.00	3.00	3R	1W	
191.11	194.16	3.05	80	0.04	0.00	3.00	3R	1W	
194.16	197.21	3.05	47	0.07	0.00	2.00	2R	1W	
197.21	200.25	3.04	90	0.03	11.00	2.00	2R	1W	
200.25	203.30	3.05	-	-	-	-	-	-	
203.30	206.35	3.05	-	-	-	-	-	-	
206.35	209.40	3.05	-	-	-	-	-	-	
209.40	215.45	6.05	55	0.39	0.00	1.00	2R	1W	Additional joint sets: 50,0.09,0,2,3R,1W
215.45	218.54	3.09	60	0.12	0.00	3.00	3R	1W	

KLAZA

218.54	221.59	3.05	40	0.30	0.00	2.00	2R	1W	
221.59	224.64	3.05	83	0.04	0.00	1.00	3R	1W	
224.64	227.69	3.05	45	0.04	0.00	2.00	3R	1W	
227.69	230.73	3.04	45	0.18	0.00	2.00	3R	1W	
230.73	233.78	3.05	45	0.54	0.00	2.00	3R	2W	
233.78	236.83	3.05	60	0.08	0.00	2.00	3R	2W	
236.83	239.88	3.05	15	0.35	2.00	1.00	2R	3W	
239.88	242.93	3.05	-	-	-	-	-	-	Gouge/random fractures
242.93	245.97	3.04	60	0.04	0.00	2.00	2R	2W	
245.97	249.02	3.05	35	-	90.00	2.00	1R	3W	Single 1 R joint
249.02	252.07	3.05	60	0.04	0.00	2.00	2R	1W	
252.07	255.12	3.05	40	0.10	0.00	2.00	2R	1W	
255.12	258.17	3.05	40	0.18	0.00	3.00	3R	1W	
258.17	261.21	3.04	65	0.17	0.00	2.00	3R	1W	
261.21	264.26	3.05	60	0.12	0.00	2.00	3R	1W	
264.26	267.31	3.05	50	0.04	0.00	2.00	2R	2W	
267.31	270.36	3.05	65	0.03	0.00	1.00	2R	2W	
270.36	273.41	3.05	60	0.14	0.00	2.00	3R	1W	
273.41	276.45	3.04	20	0.40	0.00	2.00	2R	2W	EOH

KLAZA

Hole: KL-DDH-12-98 Date: Aug 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	-	casing
2.00	-	casing
3.00	-	casing
4.00	-	casing
5.00	-	casing
6.00	-	casing
7.00	-	casing
8.00	0.26	
9.00	0.18	
10.00	0.20	
11.00	0.20	
12.00	0.34	
13.00	0.12	
14.00	0.18	
15.00	0.12	
16.00	0.08	
17.00	0.41	
18.00	0.73	
19.00	0.51	
20.00	0.69	
21.00	2.72	
22.00	16.40	
23.00	9.20	
24.00	2.48	
25.00	0.63	
26.00	1.14	
27.00	0.30	
28.00	0.43	
29.00	1.96	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.59	
31.00	0.45	
32.00	0.84	
33.00	0.92	
34.00	0.59	
35.00	1.41	
36.00	1.10	
37.00	6.15	
38.00	15.30	
39.00	14.60	
40.00	13.90	
41.00	1.18	
42.00	1.47	
43.00	0.45	
44.00	0.61	
45.00	1.91	
46.00	1.12	
47.00	0.38	
48.00	3.32	
49.00	12.10	
50.00	14.50	
51.00	15.30	
52.00	17.70	
53.00	14.30	
54.00	0.98	
55.00	1.31	
56.00	2.05	
57.00	1.00	
58.00	0.92	
59.00	1.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.63	
61.00	1.53	
62.00	18.60	
63.00	14.80	
64.00	11.20	
65.00	5.35	
66.00	1.16	
67.00	2.00	
68.00	1.49	
69.00	1.41	
70.00	4.26	
71.00	0.96	
72.00	1.55	
73.00	0.84	
74.00	0.30	
75.00	1.72	
76.00	15.20	
77.00	2.05	
78.00	2.33	
79.00	3.66	
80.00	6.19	
81.00	3.89	
82.00	19.50	
83.00	17.40	
84.00	1.39	
85.00	1.43	
86.00	18.20	
87.00	18.40	
88.00	9.77	
89.00	5.71	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.25	
91.00	12.90	
92.00	12.30	
93.00	5.94	
94.00	10.10	
95.00	7.91	
96.00	11.30	
97.00	12.10	
98.00	11.90	
99.00	13.00	
100.00	15.10	
101.00	9.49	
102.00	5.18	
103.00	11.10	
104.00	1.90	
105.00	0.55	
106.00	0.18	
107.00	0.43	
108.00	0.45	
109.00	0.43	
110.00	0.34	
111.00	0.47	
112.00	0.94	
113.00	1.45	
114.00	0.59	
115.00	3.66	
116.00	0.61	
117.00	0.98	
118.00	0.36	
119.00	0.57	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.71	
121.00	0.06	
122.00	0.94	
123.00	0.12	
124.00	0.41	
125.00	0.67	
126.00	0.24	
127.00	0.26	
128.00	5.55	
129.00	13.40	
130.00	0.53	
131.00	5.45	
132.00	10.30	
133.00	0.28	
134.00	0.98	
135.00	6.97	
136.00	8.65	
137.00	1.76	
138.00	0.41	
139.00	1.57	
140.00	0.30	
141.00	0.22	
142.00	0.45	
143.00	0.45	
144.00	1.66	
145.00	0.18	
146.00	0.22	
147.00	0.24	
148.00	0.14	
149.00	0.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.55	
151.00	8.44	
152.00	0.57	
153.00	9.75	
154.00	1.20	
155.00	1.51	
156.00	0.20	
157.00	0.26	
158.00	0.45	
159.00	0.73	
160.00	0.59	
161.00	5.57	
162.00	1.82	
163.00	1.61	
164.00	0.36	
165.00	2.48	
166.00	0.59	
167.00	0.82	
168.00	0.22	
169.00	2.68	
170.00	3.95	
171.00	2.39	
172.00	0.36	
173.00	0.63	
174.00	12.00	
175.00	0.77	
176.00	0.94	
177.00	0.51	
178.00	3.56	
179.00	0.41	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.71	
181.00	0.84	
182.00	2.35	
183.00	2.84	
184.00	0.47	
185.00	2.91	
186.00	1.64	
187.00	8.03	
188.00	0.20	
189.00	3.15	
190.00	4.30	
191.00	5.98	
192.00	6.64	
193.00	5.39	
194.00	5.73	
195.00	2.37	
196.00	15.70	
197.00	18.80	
198.00	8.11	
199.00	2.25	
200.00	3.91	
201.00	6.58	
202.00	3.69	
203.00	4.89	
204.00	4.36	
205.00	9.67	
206.00	4.30	
207.00	2.35	
208.00	21.80	
209.00	14.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	5.24	
211.00	4.12	
212.00	12.10	
213.00	3.64	
214.00	3.66	
215.00	6.99	
216.00	1.20	
217.00	3.54	
218.00	10.50	
219.00	1.86	
220.00	7.76	
221.00	5.49	
222.00	4.48	
223.00	17.60	
224.00	9.06	
225.00	7.40	
226.00	8.36	
227.00	15.30	
228.00	5.16	
229.00	4.92	
230.00	29.40	
231.00	27.50	
232.00	4.07	
233.00	18.20	
234.00	21.30	
235.00	14.20	
236.00	27.40	
237.00	13.70	
238.00	3.66	
239.00	6.66	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	5.51	
241.00	5.86	
242.00	1.10	
243.00	1.70	
244.00	6.04	
245.00	4.46	
246.00	2.89	
247.00	8.22	
248.00	4.44	
249.00	3.13	
250.00	2.31	
251.00	3.01	
252.00	4.01	
253.00	4.75	
254.00	2.19	
255.00	5.37	
256.00	0.22	
257.00	4.12	
258.00	7.17	
259.00	8.44	
260.00	1.92	
261.00	3.75	
262.00	5.67	
263.00	0.16	
264.00	5.57	
265.00	14.60	
266.00	15.80	
267.00	10.60	
268.00	7.27	
269.00	11.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.65	
271.00	6.25	
272.00	8.03	
273.00	5.26	
274.00	6.06	
275.00	6.29	
276.00	5.80	EOH

KLAZA

Hole: KL-DDH-12-98 Date: Aug 2012

Box #	From (m)	To (m)
1	7.62	13.14
2	13.14	18.43
3	18.43	23.98
4	23.98	29.98
5	29.98	35.66
6	35.66	41.43
7	41.43	47.10
8	47.10	52.77
9	52.77	58.53
10	58.53	64.29
11	64.29	69.91
12	69.91	75.39
13	75.39	81.07
14	81.07	86.71
15	86.71	92.40
16	92.40	98.15
17	98.15	103.90
18	103.90	109.22
19	109.22	114.91
20	114.91	120.68
21	120.68	126.37
22	126.37	132.11
23	132.11	137.82
24	137.82	143.21
25	143.21	148.44
26	148.44	154.14
27	154.14	159.38
28	159.38	165.01
29	165.01	170.44

KLAZA

30	170.44	176.00
31	176.00	181.34
32	181.34	186.48
33	186.48	192.18
34	192.18	197.96
35	197.96	203.40
36	203.40	208.86
37	208.86	214.00
38	214.00	219.58
39	219.58	225.32
40	225.32	230.82
41	230.82	236.71
42	236.71	242.38
43	242.38	247.87
44	247.87	253.70
45	253.70	259.59
46	259.59	265.22
47	265.22	270.99
48	270.99	276.45
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			382098.41	6889713.5	1351.388	258.1656

SECTION:

HOLE: DDH-KL-12-99

CLAIM: YC37986

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: 8.23 (m) in / **out**

Drilling dates: Aug 3-6th, 2012

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	35.00	35.00	GRD	Oxidized granodiorite with patchy argillic alteration.
35.00	44.29	9.29	GRD	Moderatly oxidized and argillic altered granodiorite.
44.29	139.15	94.86	GRD	Granodiorite with patchy argillic alteration and multipl
				phyllic envelopes around quartz or carbonate veins.
139.15	144.36	5.21	GRD	Propyllitc altered granodiorite.
144.36	145.05	0.69	GRD	Phyllic altered granodiorite hosting dissemianted pyri
145.05	145.28	0.23	FEL	Quartz feldspar porphyry dyke.
145.28	145.58	0.30	GRD	Phyllic altered granodiorite hosting dissemianted pyri
145.58	158.12	12.54	GRD	Propyllitc altered granodiorite.
158.12	160.73	2.61	GRD	Phyllic altered granodiorite hosting dissemianted pyri
160.73	165.82	5.09	GRD	Propyllitc altered granodiorite.
165.82	195.87	30.05	GRD	Granodiorite with patchy propyllitic alteration.
195.87	196.89	1.02	GRD	Phyllic envelope surround a black breccia vein.
196.89	204.27	7.38	FEL	Quartz feldspar porphyry dyke.
204.27	205.2	0.93	GRD	Phyllic alteration hosting quartz/sulphide veins.
205.20	258.17	52.97	GRD	Granodioite with a multile small propyllitic patches an
	EOH			phyllic envelopes.

SAMPLES

Numbers: M355096 - M355238

Total: 143

Batch: 1 to 4

Date Sent:

Certificate:

COMMENTS

EOH=258.17 m

KLAZA

Hole: DDH-KL-12-99 **Logger Name:** D. Walsh **Date:** Aug 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	139.15	139.15				mKgW	GRD	MG		GY											Moderately oxidized granodiorite with patchy argillic alteration. Oxidation decreases with depth.
										OR		3I									
			35.00	44.29	9.29	mKgW	GRD	MG		WH		3I									Moderately argillic altered granodiorite.
										OR											
			46.42	46.93	0.51	mKgW	GRD	MG		WH	EN										Moderate argillic envelope surrounding a white quartz/carbonate vein.
			48.00	51.86	3.86	mKgW	GRD	MG		WH		3I		ARG	3I						Moderate argillic altered granodiorite with a weak potassic overprint and moderate oxidation around fractures.
										PK				POT	2I						
			52.52	53.88	1.36	mKgW	GRD	MG		WH	EN			ARG	3I						Moderate argillic envelope with a weak potassic overprint then a moderate phyllic envelope surrounding an intensely oxidized carbonate vein.
										PK	EN			POT	2I						
										GN	EN			PHC	3I						
			56.47	56.75	0.28	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding three grey quartz veinlets.
			62.86	64.33	1.47	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting an abundance of white carbonate veinlets.
			84.38	86.68	2.30	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic envelope hosting multiple smokey quartz veinlets, a gouge zone and a large quartz/carbonate vein hosting disseminated pyrite.
			92.95	93.25	0.30	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding three quartz veinlets.
			97.22	99.29	2.07	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and weak propyllitic
										PK				POT	3I						
									DK	GN				PRO	2I						
									DK	RD	PA			HEM	3I						
			101.23	101.54	0.31	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey to smokey quartz vein hosting disseminated pyrite.
			102.72	103.28	0.56	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey to smokey quartz vein hosting
			103.28	105.27	1.99	mKgW	GRD	MG		WH				ARG	3I						Moderate phyllic altered granodiorite with a moderate potassic and weak propyllitic overprint.
										PK				POT	2I						
									DK	GN				PRO	3I						
			105.27	105.77	0.50	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a smokey quartz and white carbonate vein
			105.77	108.59	2.82	mKgW	GRD	MG		WH				ARG	3I						Alternating patches of moderate propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
									DK	GN	PA			PRO	3I						
									DK	RD	PA			HEM	3I						
			125.50	128.19	2.69	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			128.19	129.50	1.31	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope hosting an abundance of white/tan carbonate veins and veinlets.
			130.00	130.70	0.70	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic altered granodiorite.
			130.70	131.70	1.00	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite.
			132.50	133.07	0.57	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite.
			133.20	135.00	1.80	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite.
			135.00	135.37	0.37	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic and propyllitic envelope surrounding a grey quartz and carbonate vein.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
									DK	GN	EN			PRO	3I						
139.15	165.82	26.67				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderate propyllitic altered granodiorite with patchy argillic alteration.
										WH	PA			ARG	2I						
			141.48	142.34	0.86	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate propyllitic and potassic overprint.
									DK	GN				PRO	3I						
										GN				POT	3I						
			142.69	143.35	0.66	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting three grey quartz veins.
			144.36	144.98	0.62	mKgW	GRD	MG		GN				PHC	4I	4.00		Sp	1.00		Strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and sphalerite.
			145.05	145.28	0.23	LKqP	FEL			GY											Grey green quartz feldspar porphyry dyke.
										GN											
			145.39	145.58	0.19	mKgW	GRD	MG		GN				PHC	4I	4.00					Strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and pyrite stringers?
										WH											
			145.58	147.86	2.28	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate propyllitic overprint and weak haematization.
														PRO	3I						
														HEM	2I						
			147.86	148.47	0.61	mKgW	GRD	MG	DK	GN				PRO	4I						Strongly propyllitic altered granodiorite with weak haematization and hosts disseminated pyrite.
									DK	GY				HEM	2I						
			149.30	149.83	0.53	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			149.83	151.49	1.66	mKgW	GRD	MG		GN				PHC	3I	1.00		To	5.00		Moderately phyllic altered granodiorite hosting disseminated pyrite and tourmaline.
			158.12	160.73	2.61	mKgW	GRD	MG		GN				PHC	3-4I	2					Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite.
			163.07	164.48	1.41	mKgW	GRD	MG	LT	GN				PHC	3I	1.00					Moderate phyllic altered granodiorite with patchy propyllitic alteration hosting disseminated to blebby pyrite.
									DK	GN	PA			PRO	3I						
165.82	258.17	92.35				mKgW	GRD	MG		GY											Grey granodiorite with a few weak propyllitic patches.
									DK	GN	PA			PRO	2I						
			177.67	181.43	3.76	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple white/tan carbonate veins and veinlets.
									DK	GN	PA			PRO	3I						
			187.90	188.25	0.35	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Light green phyllic envelope surrounding a white carbonate pyrite vein.
			193.38	194.27	0.89	mKgW	GRD	MG	LT	GN			3I	PHC	3I						Moderately silicified and moderately phyllic altered granodiorite hosting an abundance of white carbonate veinlets and stringers.
			195.87	196.89	1.02	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a silicified black breccia vein.
			196.89	204.27	7.38	LKqP	FEL			GY											Grey quartz feldspar porphyry dyke with patches of green and light brown. Dyke hosts light tan carbonate veins and veinlets.
									LT	BN	PA										
										GN	PA										
			204.39	205.20	0.81	mKgW	GRD	MG		GN				PHC	4I	1.00					Strongly phyllic altered granodiorite hosting multiple quartz sulphide veins and disseminated pyrite.
			205.20	206.20	1.00	mKgW	GRD	MG	LT	GN	PA			PHC	3I						Alternating patches of moderate phyllic and propyllitic alteration.
									DK	GN	PA			PRO	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			207.56	209.75	2.19	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak to moderate potassic overprint
										PK				POT	2-3I						
			209.84	215.67	5.83	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with patches of weak propyllitic alteration. The interval hosts multiple white carbonate veins and two quartz sulphide veins.
									DK	GN	PA			PRO	2I						
			221.13	221.42	0.29	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding four carbonate veinlets.
			232.48	232.68	0.20	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate vein hosting disseminated pyrite and sphalerite.
			247.89	248.14	0.25	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate vein hosting disseminated pyrite.
																					EOH

KLAZA

Hole: DDH-KL-12-99 Logger Name: D. Walsh

Depth (m)		DESCRIPTION

KLAZA

Hole: DDH-KL-12-99 **Logger Name:** D. Walsh **Date:** Aug 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
DK	17.69	17.81	65.00					Pink aplite dyke.	
VN	48.79	48.80	35.00			Py	<1	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	53.08	53.29	80.00		3.00			Intensely oxidized quartz/carbonate vein zone. Oxidation obscures veining.	
VN	84.64	84.68	40.00			Py	<1	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
GO	85.80	86.04						Grey gouge vein hosting grey quartz clasts.	
VN	86.16	86.24	45.00			Py	5.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	101.36	101.37	70.00			Py	1.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	105.41	105.52	45.00			Py	10.00	Smokey quartz and white carbonate vein hosting blebby pyrite.	
GO	105.66	105.69	90.00					Grey gouge vein.	
VN	128.40	128.44	45.00			Sp	2.00	White and tan carbonate vein exhibiting colloform texture and hosting disseminated sphalerite.	
VN	135.18	135.20	50.00			Gn	<1	Grey quartz and white carbonate vein hosting trace amounts of disseminated galena.	
GO	145.27	145.30						Light brown gouge vein.	
VN	145.30	145.39						White carbonate breccia with angular dark red haematite clasts.	
VT	152.87	152.88				Sp	40.00	0.3cm grey quartz vein which hosts disseminated pyrite.	
VT	154.35	155.50			6.00	Py	1.00	Veinlet zone hosting six 0.3cm grey quartz and sphalerite veinlets, two of the veinlets host pyrite.	
						Sp	40.00		
VN	155.56	155.57				Py	5.00	Massive sphalerite and blebby pyrite.	
						Sp	95.00		
VN	157.66	157.80	20.00			Py	1.00	Grey/green and tan carbonate vein hosting disseminated pyrite.	
VN	160.74	160.77	65.00			Py	1.00	White/tan carbonate vein hosting disseminated pyrite and sphalerite.	
GO	177.84	177.89	65.00					Grey gouge vein.	
VN	178.12	178.16	65.00			Py	2.00	Grey quartz vein hosting disseminated pyrite and sphalerite.	
						Sp	2.00		
GO	188.05	188.06	70.00					Grey gouge vein.	
VN	188.15	188.16	60.00			Py	1.00	White carbonate vein hosting disseminated pyrite.	
BX	196.46	196.63	65.00			Py	3.00	Silicified black breccia hosting disseminated pyrite and arsenopyrite.	
						As	1.00		
GO	196.63	196.90						Grey/green partially gouge altered phyllic granodiorite.	
VN	203.44	203.57	70.00			Py	<1	Tan carbonate vein hosting trace amounts disseminated pyrite.	
VN	203.61	203.72	55.00			Py	1.00	Partially gouge altered smokey quartz vein which hosts disseminated pyrite.	
GO	204.26	204.32	60.00			Py	1.00	Grey gouge vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	204.39	204.45	60.00			Py	3.00	Massive galena and sphalerite vein which hosts disseminated pyrite and arsenopyrite.	
						As	3.00		
						Gn	44.00		
						Sp	50.00		
VT	204.51	204.59	70.00		2.00	Py	5.00	Two 0.5cm grey quartz veinlets which host disseminated pyrite and arsenopyrite.	
						As	1.00		
VN	205.91	205.00	85.00			Py	20.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite, sphalerite and disseminated arsenopyrite.	
						As	1.00		
						Sp	7.00		
VN	207.22	207.23	60.00			Py	40.00	Grey quartz vein hosting blebby pyrite and sphalerite along with disseminated pyrite.	
						As	3.00		
						Sp	40.00		
VN	211.15	211.23	75.00			Py	15.00	Smokey quartz and white carbonate vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	3.00		
VN	212.17	212.20	75.00			Py	5.00	Grey quartz and white carbonate vein hosting disseminated pyrite. Carbonate exhibits colloform texture.	
VN	213.85	213.92	65.00			Py	60.00	Grey quartz and white carbonate vein hosting disseminated to massive pyrite and disseminated sphalerite.	
						Sp	3.00		
VN	214.03	214.05	65.00			Py	3.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
GO	214.08	214.12	65.00			Py	<1	Dark grey gouge vein hosting disseminated pyrite.	
VT	221.14	221.38	70.00		4.00	Py	1.00	Four quartz carbonate veins hosting disseminated pyrite and sphalerite.	
						Sp	3.00		
VT	228.10	228.11	50.00			Py	100.00	0.4cm pyrite veinlet.	
VT	230.26	230.27	10.00			Ep	100.00	Long low angle epidote vein.	
VN	232.63	232.64	65.00			Py	3.00	Grey quartz and white carbonate vein hosting disseminated pyrite and sphalerite.	
						Sp	3.00		
VN	233.76	233.77	75.00			Py	2.00	Grey quartz and white carbonate vein hosting disseminated pyrite. Carbonate exhibits colloform texture.	
DK	247.57	247.58	30.00					Dark red/brown aplite dyke.	
VN	247.98	248.00	70.00			Py	5.00	Grey quartz vein hosting disseminated pyrite.	
								EOH	

KLAZA

Hole: DDH-KL-12-99 **Date:**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
48.13	13.4	5.2	657	399.2	GRD		ARG	3I			2.308681	2.548487	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	3I					
58	10	5.2	522.8	329.7	GRD						2.461722	2.707405	Grey granodiorite
85	9.1	5.2	471.8	292	GRD		PHC	3I			2.441293	2.624027	Moderate phyllic altered granodiorite.
106.9	10.3	5.2	535.4	331.4	GRD		PRO	3I			2.447623	2.62451	Moderately propyllitic altered granodiorite with moderate haematite overprint.
							HEM	3I					
127.73	10.3	5.2	493	295.6	GRD		ARG	2I			2.253788	2.497467	Weakly argillic altered granodiorite with a strong potassic overprint.
							POT	4I					
1.44	10.3	5.2	571.5	366.8	GRD		PHC	3I			2.612657	2.791891	Strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and sphalerite.
215.97	9.6	5.2	519.5	327	GRD		POT	1I			2.548108	2.698701	Unaltered granodiorite with very weak potassic overprint.
159.08	9.8	5.2	561	365.9	GRD		PHC	3I			2.695505	2.875448	Moderate to strongly phyllic altered pyrite with disseminated pyrite.
196.37	15.6	5.2	905.6	596.8	GRD		PHC	3I			2.733476	2.932642	Black breccia hosting blebby to disseminated pyrite and galena with phyllic altered granodiorite clasts.
201	9.6	5.2	512	317.6	FEL						2.511321	2.633745	Quartz feldspar porphyry dyke.
204.39	9.9	5.2	783.6	575.4	GRD		PHC	4I			3.727028	3.763689	Strong phyllic altered granodiorite cross-cut by thick quartz veins hosting pyrite, sphalerite and galena.
													EOH

KLAZA

Hole: DDH-KL-12-99 **Date:** Aug 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
8.35	9.35	1.00	1.00	100	M355096	1				
					M355097	1				Blank
9.35	10.35	1.00	1.00	100	M355098	1				
10.35	12.93	2.58	2.52	97.7	M355099	1				
12.93	15.20	2.27	2.21	97.4	M355100	1				
15.20	16.20	1.00	1.00	100	M355101	1				
16.20	17.52	1.32	1.32	100	M355102	1				
17.52	19.17	1.65	1.25	75.8	M355103	1				LOST CORE
19.17	20.42	1.25	1.23	98.4	M355104	1				
20.42	23.47	3.05	3.05	100	M355105	1				
23.47	26.52	3.05	2.47	81	M355106	1				
26.52	29.57	3.05	3.05	100	M355107	1				
					M355108	1				Coarse Reject Duplicate
29.57	32.61	3.04	2.65	87.2	M355109	1				
32.61	35.02	2.41	2.25	93.4	M355110	1				
35.02	36.58	1.56	1.56	100	M355111	1				
36.58	38.71	2.13	1.95	91.5	M355112	1				
					M355113	1				Duplicate
38.71	41.76	3.05	2.73	89.5	M355114	1				
41.76	44.12	2.36	2.36	100	M355115	1				
44.12	46.67	2.55	2.55	100	M355116	1				
					M355117	1				Klaza Standard-3
46.67	47.95	1.28	1.28	100	M355118	1				
47.95	48.95	1.00	1.00	100	M355119	1				
48.95	50.90	1.95	1.80	92.3	M355120	1				
50.90	53.73	2.83	2.76	97.5	M355121	1				
83.45	84.45	1.00	1.00	100	M355122	1				
84.45	85.45	1.00	1.00	100	M355123	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
85.45	86.45	1.00	1.00	100	M355124	1				
					M355125	1				Blank
86.45	87.45	1.00	1.00	100	M355126	1				
					M355127	1				Klaza Standard-3
87.45	90.53	3.08	3.05	99	M355128	1				
90.53	92.72	2.19	2.19	100	M355129	1				
92.72	93.72	1.00	1.00	100	M355130	1				
93.72	96.25	2.53	2.25	88.9	M355131	1				
96.25	97.59	1.34	1.34	100	M355132	2				
97.59	99.25	1.66	1.50	90.4	M355133	2				
99.25	100.26	1.01	1.00	99	M355134	2				
					M355135	2				Coarse Reject Duplicate
100.26	102.72	2.46	2.43	98.8	M355136	2				
102.72	103.72	1.00	1.00	100	M355137	2				
103.72	105.35	1.63	1.50	92	M355138	2				
105.35	106.71	1.36	1.35	99.3	M355139	2				
					M355140	2				Klaza Standard-3
106.71	108.27	1.56	1.56	100	M355141	2				
108.27	109.29	1.02	1.02	100	M355142	2				
109.29	111.86	2.57	2.44	94.9	M355143	2				
					M355144	2				Duplicate
111.86	114.91	3.05	3.00	98.4	M355145	2				
114.91	117.96	3.05	3.00	98.4	M355146	2				
117.96	121.01	3.05	3.05	100	M355147	2				
121.01	124.05	3.04	3.04	100	M355148	2				
124.05	125.82	1.77	1.77	100	M355149	2				
125.82	128.18	2.36	2.36	100	M355150	2				
128.18	129.18	1.00	1.00	100	M355151	2				
					M355152	2				Blank
129.18	131.20	2.02	2.00	99	M355153	2				
					M355154	2				Klaza Standard-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
131.20	132.20	1.00	1.00	100	M355155	2				
132.20	133.20	1.00	1.00	100	M355156	2				
133.20	135.00	1.80	1.80	100	M355157	2				
135.00	136.34	1.34	1.34	100	M355158	2				
136.34	139.30	2.96	2.80	94.6	M355159	2				
139.30	141.57	2.27	1.74	76.7	M355160	2				
141.57	143.90	2.33	2.33	100	M355161	2				
143.90	145.00	1.10	1.00	90.9	M355162	2				
					M355163	2				Blank
145.00	146.00	1.00	1.00	100	M355164	2				
146.00	147.36	1.36	1.35	99.3	M355165	2				
147.36	148.42	1.06	1.00	94.3	M355166	2				
148.42	150.17	1.75	1.75	100	M355167	2				
150.17	151.49	1.32	1.32	100	M355168	3				
151.49	153.42	1.93	1.93	100	M355169	3				
153.42	154.60	1.18	1.11	94.1	M355170	3				
154.60	155.60	1.00	1.00	100	M355171	3				
155.60	156.60	1.00	1.00	100	M355172	3				
156.60	157.63	1.03	1.00	97.1	M355173	3				
157.63	159.55	1.92	1.56	81.2	M355174	3				
					M355175	3				Blank
159.55	160.87	1.32	1.32	100	M355176	3				
160.87	163.10	2.23	2.17	97.3	M355177	3				
163.10	164.10	1.00	1.00	100	M355178	3				
164.10	165.44	1.34	1.33	99.3	M355179	3				
					M355180	3				Duplicate
165.44	166.73	1.29	1.29	100	M355181	3				
					M355182	3				Klaza Standard-3
166.73	169.77	3.04	3.04	100	M355183	3				
169.77	172.82	3.05	3.05	100	M355184	3				
172.82	175.87	3.05	2.90	95.1	M355185	3				
					M355186	3				Coarse Reject Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
175.87	177.78	1.91	1.89	99	M355187	3				
177.78	178.92	1.14	1.12	98.2	M355188	3				
178.92	181.39	2.47	2.47	100	M355189	3				
181.39	182.77	1.38	1.34	97.1	M355190	3				
182.77	185.01	2.24	2.20	98.2	M355191	3				
185.01	187.65	2.64	2.64	100	M355192	3				
187.65	188.66	1.01	1.00	99	M355193	3				
188.66	191.11	2.45	2.40	98	M355194	3				
					M355195	3				Klaza Standard-1
191.11	193.25	2.14	2.09	97.7	M355196	3				
193.25	194.52	1.27	1.27	100	M355197	3				
194.52	195.93	1.41	1.40	99.3	M355198	3				
195.93	196.93	1.00	1.00	100	M355199	3				
					M355200	3				Blank
196.93	197.93	1.00	1.00	100	M355201	3				
197.93	200.25	2.32	2.17	93.5	M355202	3				
200.25	203.22	2.97	2.97	100	M355203	3				
203.22	204.22	1.00	1.00	100	M355204	4				
204.22	205.22	1.00	1.00	100	M355205	4				
					M355206	4				Blank
205.22	206.52	1.30	1.27	97.7	M355207	4				
206.52	207.56	1.04	1.04	100	M355208	4				
207.56	208.80	1.24	1.24	100	M355209	4				
208.80	211.19	2.39	2.24	93.7	M355210	4				
211.19	212.25	1.06	1.06	100	M355211	4				
					M355212	4				Blank
212.25	213.25	1.00	1.00	100	M355213	4				
213.25	214.80	1.55	1.55	100	M355214	4				
214.80	215.80	1.00	1.00	100	M355215	4				
215.80	218.54	2.74	2.74	100	M355216	4				
					M355217	4				Duplicate
218.54	220.54	2.00	2.00	100	M355218	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
220.54	221.59	1.05	1.00	95.2	M355219	4				
221.59	224.64	3.05	3.04	99.7	M355220	4				
					M355221	4				Coarse Reject Duplicate
224.64	227.69	3.05	3.05	100	M355222	4				
227.69	230.73	3.04	3.04	100	M355223	4				
					M355224	4				Klaza Standard-3
230.73	232.32	1.59	1.56	98.1	M355225	4				
232.32	233.34	1.02	1.02	100	M355226	4				
					M355227	4				Blank
233.34	234.80	1.46	1.47	101	M355228	4				
234.80	236.83	2.03	2.00	98.5	M355229	4				
236.83	239.88	3.05	3.02	99	M355230	4				
239.88	241.81	1.93	1.93	100	M355231	4				
241.81	243.85	2.04	2.04	100	M355232	4				
243.85	244.94	1.09	1.00	91.7	M355233	4				
244.94	246.63	1.69	1.69	100	M355234	4				
246.63	249.02	2.39	2.39	100	M355235	4				
249.02	252.07	3.05	3.04	99.7	M355236	4				
252.07	255.12	3.05	3.02	99	M355237	4				
255.12	258.17	3.05	3.05	100	M355238	4				EOH

KLAZA

Hole: DDH-KL-12-99 **Tech Name: Barry Penner** **Date: Aug 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	8.23	8.23	-	-	-	-		-	-	-	
8.23	11.28	3.05	3.01	99	1.84	60		1	3S	3W	
11.28	14.33	3.05	2.85	93	2.10	69		2	3S	2W	
14.33	17.37	3.04	3.04	100	2.10	69		1	3S	3W	
17.37	20.42	3.05	2.49	82	1.44	47		1	3S	4W	
20.42	23.47	3.05	3.06	100	2.63	86		2	4S	2W	
23.47	26.52	3.05	2.40	79	2.17	71		2	3S	2W	
26.52	29.57	3.05	3.06	100	2.08	68		2	4S	2W	
29.57	32.61	3.04	2.58	85	2.32	76		2	4S	2W	
32.61	35.66	3.05	2.60	85	2.03	67		1	3S	3W	
35.66	38.71	3.05	2.71	89	2.25	74		2	3S	2W	
38.71	41.76	3.05	2.51	82	1.54	50		2	3S	2W	
41.76	44.81	3.05	2.82	92	1.58	52		1	4S	4W	
44.81	47.85	3.04	3.04	100	2.27	75		1	5S	3W	
47.85	50.90	3.05	2.86	94	2.34	77		1	3S	2W	
50.90	53.95	3.05	2.35	77	1.33	44		1	3S	1W	
53.95	57.00	3.05	3.05	100	1.57	51		2	3S	2W	
57.00	58.83	1.83	1.91	104	0.97	53		2	3S	2W	
58.83	59.28	0.45	0.47	104	0.00	0		2	2S	2W	
59.28	60.05	0.77	0.64	83	0.46	60		2	3S	2W	
60.05	63.09	3.04	2.80	92	1.95	64		2	3S	2W	
63.09	66.14	3.05	2.74	90	2.20	72		2	3S	2W	
66.14	69.19	3.05	2.83	93	2.18	71		2	3S	2W	
69.19	72.24	3.05	3.05	100	2.13	70		2	3S	2W	
72.24	75.29	3.05	2.83	93	2.10	69		2	3S	2W	
75.29	78.33	3.04	2.92	96	2.03	67		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	80.47	2.14	2.02	94	1.81	85		2	3S	1W	
80.47	84.43	3.96	3.96	100	2.84	72		2	3S	1W	
84.43	87.48	3.05	3.05	100	2.15	70		1	3S	2W	
87.48	90.53	3.05	2.72	89	2.04	67		2	4S	2W	
90.53	93.57	3.04	2.74	90	1.23	40		2	3S	2W	
93.57	96.62	3.05	2.78	91	1.51	50		2	3S	2W	
96.62	99.67	3.05	2.78	91	2.45	80		2	3S	2W	
99.67	102.72	3.05	2.94	96	2.01	66		2	3S	2W	
102.72	105.77	3.05	2.79	91	1.82	60		2	4S	2W	
105.77	108.81	3.04	3.05	100	2.79	92		2	4S	1W	
108.81	111.86	3.05	2.61	86	2.16	71		2	3S	2W	
111.86	114.91	3.05	2.97	97	1.79	59		2	4S	2W	
114.91	117.96	3.05	2.98	98	2.52	83		2	3S	2W	
117.96	121.01	3.05	3.02	99	1.46	48		2	3S	2W	
121.01	124.05	3.04	3.02	99	1.89	62		2	2S	2W	
124.05	127.10	3.05	3.05	100	2.34	77		2	3S	2W	
127.10	130.15	3.05	3.05	100	2.58	85		2	3S	2W	
130.15	133.20	3.05	3.05	100	2.32	76		2	3S	2W	
133.20	136.25	3.05	3.05	100	2.31	76		2	3S	2W	
136.25	139.30	3.05	2.68	88	1.04	34		2	1S	3W	
139.30	142.34	3.04	2.39	79	0.98	32		1	1S	3W	
142.34	145.39	3.05	2.83	93	2.24	73		2	3S	2W	
145.39	148.47	3.08	3.00	97	1.96	64		1	3S	3W	
148.47	151.49	3.02	2.95	98	1.11	37		2	1S	2W	
151.49	154.53	3.04	2.97	98	1.60	53		2	2S	2W	
154.53	157.58	3.05	3.01	99	1.80	59		2	3S	2W	
157.58	160.61	3.03	2.70	89	1.37	45		2	3S	2W	
160.61	163.68	3.07	2.98	97	1.35	44		2	3S	1W	
163.68	166.73	3.05	2.93	96	2.30	75		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.90	95	2.04	67		2	4S	1W	
169.77	172.82	3.05	3.05	100	2.60	85		2	3S	1W	
172.82	175.87	3.05	2.85	93	1.98	65		2	3S	2W	
175.87	178.92	3.05	3.05	100	2.22	73		2	3S	2W	
178.92	181.97	3.05	3.01	99	2.07	68		2	3S	2W	
181.97	185.01	3.04	3.01	99	1.48	49		2	3S	2W	
185.01	188.06	3.05	2.97	97	1.64	54		2	3S	2W	
188.06	191.11	3.05	2.46	81	1.60	53		2	3S	2W	
191.11	194.16	3.05	3.00	98	1.80	59		2	3S	2-3W	
194.16	197.21	3.05	2.92	96	1.93	63		2	3S	2W	
197.21	200.25	3.04	2.90	95	1.50	49		2	3S	1W	
200.25	203.30	3.05	3.03	99	1.72	56		2	3S	1W	
203.30	206.35	3.05	2.95	97	1.95	64		2	3S	1W	
206.35	209.40	3.05	3.05	100	2.24	73		2	4S	1W	
209.40	212.45	3.05	2.83	93	2.04	67		2	3S	1W	
212.45	215.49	3.04	3.03	100	2.43	80		2	3S	1W	
215.49	218.54	3.05	3.05	100	2.93	96		2	3S	1W	
218.54	221.59	3.05	3.01	99	2.03	67		2	3S	1W	
221.59	224.64	3.05	3.00	98	2.52	83		2	4S	2W	
224.64	227.69	3.05	3.04	100	2.60	85		2	4S	1W	
227.69	230.73	3.04	3.03	100	2.20	72		2	3S	1W	
230.73	233.78	3.05	3.04	100	2.33	76		2	3S	1W	
233.78	236.83	3.05	2.42	79	2.32	76		2	3S	1W	
236.83	239.88	3.05	3.03	99	2.26	74		2	3S	1W	
239.88	242.93	3.05	3.02	99	2.43	80		2	3S	1W	
242.93	245.97	3.04	2.86	94	2.05	67		2	4S	2W	
245.97	249.02	3.05	2.93	96	2.40	79		2	3S	1W	
249.02	252.07	3.05	2.98	98	2.60	85		2	3S	1W	
252.07	255.12	3.05	2.96	97	2.55	84		2	4S	1W	
255.12	258.17	3.05	3.05	100	2.71	89		2	3S	1W	EOH @ 258.17

KLAZA

Hole: DDH-KL-12-99 **Tech Name:** **Date:** Aug 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	8.23	8.23	-	-	-	-	-	-	Recovery
8.23	11.28	3.05	50.00	0.28	0.00	2.00	2R	2W	
11.28	14.33	3.05	50.00	0.21	1.00	2.00	3R	2W	
14.33	17.37	3.04	45.00	0.12	0.00	2.00	3R	2W	
17.37	20.42	3.05	35.00	-	100.00	3.00	3R	2W	Single joint followed by GO,RB
20.42	23.47	3.05	50.00	0.12	0.00	1.00	2R	2W	
23.47	26.52	3.05	45.00	0.10	0.00	2.00	2R	2W	
26.52	29.57	3.05	35.00	0.01	0.00	2.00	3R	2W	
29.57	32.61	3.04	35.00	0.08	0.00	2.00	2R	2W	
32.61	35.66	3.05	65.00	0.12	0.00	2.00	3R	2W	
35.66	38.71	3.05	30.00	0.15	0.00	2.00	2R	2W	
38.71	41.76	3.05	40.00	0.28	0.00	2.00	3R	2W	
41.76	44.81	3.05	-	-	-	-	-	-	Rubble
44.81	47.85	3.04	60.00	0.10	0.00	2.00	3R	3W	
47.85	50.90	3.05	45.00	0.15	0.00	2.00	2R	3W	
50.90	53.95	3.05	50.00	0.08	0.00	2.00	2R	3W	
53.95	57.00	3.05	45.00	0.10	0.00	3.00	3R	2W	
57.00	58.83	1.83	6.00	0.08	0.00	2.00	2R	2W	
58.83	59.28	0.45	30.00	0.08	0.00	2.00	3R	2W	
59.28	60.05	0.77	60.00	0.10	0.00	2.00	2R	1W	
60.05	63.09	3.04	60.00	0.08	0.00	2.00	2R	2W	
63.09	66.14	3.05	70.00	0.10	0.00	2.00	3R	2W	
66.14	69.19	3.05	55.00	0.05	1.00	3.00	3R	3W	
69.19	72.24	3.05	60.00	0.10	0.00	2.00	2R	2W	
72.24	75.29	3.05	45.00	0.20	0.00	2.00	3R	2W	
75.29	78.33	3.04	45.00	0.10	0.00	2.00	2R	2W	
78.33	80.47	2.14	70.00	0.60	0.00	2.00	2R	2W	
80.47	84.43	3.96	80.00	0.05	0.00	2.00	2R	2W	

KLAZA

84.43	87.48	3.05	75.00	0.20	0.00	2.00	2R	1W	
87.48	90.53	3.05	45.00	0.07	0.00	2.00	3R	2W	
90.53	93.57	3.04	40.00	0.03	0.00	2.00	3R	2W	
93.57	96.62	3.05	45.00	0.10	0.00	2.00	2R	2W	
96.62	99.67	3.05	50.00	0.07	0.00	2.00	2R	2W	
99.67	102.72	3.05	60.00	0.40	0.00	2.00	2R	2W	
102.72	105.77	3.05	55.00	0.02	0.00	2.00	2R	2W	
105.77	108.81	3.04	75.00	0.30	0.00	2.00	2R	2W	
108.81	111.86	3.05	60.00	0.40	0.00	2.00	2R	2W	
111.86	114.91	3.05	70.00	0.03	0.00	2.00	2R	2W	
114.91	117.96	3.05	45.00	0.20	0.00	2.00	2R	2W	
117.96	121.01	3.05	40.00	0.22	0.00	2.00	3R	2W	
121.01	124.05	3.04	25.00	0.08	0.00	2.00	2R	2W	
		0.00	75.00	0.25	0.00	2.00	2R	2W	
124.05	127.10	3.05	70.00	0.06	0.00	2.00	2R	2W	
127.10	130.15	3.05	45.00	0.10	0.00	3.00	3R	2W	
130.15	133.20	3.05	40.00	0.15	0.00	2.00	3R	2W	
		0.00	70.00	0.15	0.00	2.00	3R	2W	
133.20	136.25	3.05	30.00	0.60	0.00	2.00	1R	2W	Rubbly
136.25	139.30	3.05	-	-	-	-	-	-	Rubbly
139.30	142.34	3.04	45.00	0.20	0.00	2.00	3R	3W	
		0.00	70.00	0.06	0.00	3.00	3R	2W	
142.34	145.39	3.05	25.00	0.30	0.00	2.00	1R	2W	
145.39	148.47	3.08	50.00	0.10	0.00	2.00	2R	3W	
		0.00	60.00	0.10	0.00	2.00	3R	2W	
148.47	151.49	3.02	50.00	0.06	2.00	2.00	3R	2W	
151.49	154.53	3.04	25.00	0.02	0.00	3.00	3R	2W	
154.53	157.58	3.05	70.00	0.03	0.00	2.00	2R	2W	
157.58	160.61	3.03	50.00	0.15	0.00	3.00	3R	2W	
160.61	163.68	3.07	70.00	0.15	0.00	2.00	2R	2W	
163.68	166.73	3.05	50.00	0.30	0.00	2.00	2R	2W	
166.73	169.77	3.04	70.00	1.00	0.00	1.00	2R	1W	
169.77	172.82	3.05	60.00	0.30	0.00	2.00	2R	1W	
		0.00	70.00	1.00	0.00	1.00	2R	2W	
172.82	175.87	3.05	60.00	0.50	0.00	1.00	2R	2W	
175.87	178.92	3.05	60.00	0.50	0.00	2.00	2R	2W	
		0.00	70.00	1.00	0.00	2.00	2R	2W	
178.92	181.97	3.05	50.00	1.00	0.00	2.00	2R	2W	

KLAZA

		0.00	70.00	0.50	0.00	2.00	2R	2W	
181.97	185.01	3.04	70.00	0.30	0.00	1.00	2R	2W	
		0.00	70.00	1.00	0.00	2.00	2R	3W	
185.01	188.06	3.05	45.00	1.00	0.00	1.00	2R	2W	
		0.00	70.00	1.00	0.00	2.00	2R	2W	
188.06	191.11	3.05	30.00	1.00	0.00	2.00	2R	2W	
191.11	194.16	3.05	45.00	1.00	0.00	2.00	2R	2-3W	
194.16	197.21	3.05	45.00	1.00	0.00	2.00	2R	2W	
197.21	200.25	3.04	70.00	0.50	0.00	2.00	2R	1W	
		0.00	70.00	1.00	0.00	1.00	2R	1W	
200.25	203.30	3.05	60.00	0.50	0.00	2.00	2R	1W	
		0.00	70.00	1.00	0.00	2.00	2R	1W	
203.30	206.35	3.05	60.00	0.50	0.00	2.00	2R	1W	Very competent
206.35	209.40	3.05	45.00	0.50	0.00	2.00	2R	1W	
209.40	212.45	3.05	70.00	0.30	0.00	2.00	2R	1W	
		0.00	70.00	1.00	0.00	2.00	2R	2W	
212.45	215.49	3.04	45.00	1.00	0.00	2.00	2R	1W	
215.49	218.54	3.05	-	-	-	-	-	-	
218.54	221.59	3.05	70.00	0.50	0.00	1.00	2R	1W	
221.59	224.64	3.05	50.00	1.00	0.00	1.00	2R	2W	
		0.00	70.00	1.00	0.00	2.00	2R	1W	
224.64	227.69	3.05	70.00	1.00	0.00	1.00	2R	1W	
227.69	230.73	3.04	70.00	0.20	0.00	2.00	2R	1W	
230.73	233.78	3.05	70.00	0.50	0.00	2.00	2R	1W	
		0.00	70.00	1.00	0.00	2.00	2R	1W	
233.78	236.83	3.05	70.00	1.00	0.00	2.00	2R	1W	
236.83	239.88	3.05	50.00	1.00	0.00	1.00	2R	1W	
239.88	242.93	3.05	60.00	0.50	0.00	1.00	2R	1W	
242.93	245.97	3.04	60.00	0.50	0.00	2.00	2R	2W	
245.97	249.02	3.05	45.00	0.50	0.00	2.00	2R	1W	
249.02	252.07	3.05	70.00	1.00	0.00	1.00	2R	1W	
252.07	255.12	3.05	40.00	0.50	0.00	2.00	2R	1W	
255.12	258.17	3.05	60.00	1.00	0.00	2.00	2R	1W	
									EOH @ 258.17

KLAZA

Hole: DDH-KL-12-99 Date: AUG 9, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	overburden
2.00	n/a	overburden
3.00	n/a	overburden
4.00	n/a	overburden
5.00	n/a	overburden
6.00	n/a	overburden
7.00	n/a	overburden
8.00	n/a	overburden
9.00	0.16	
10.00	9.66	
11.00	14.20	
12.00	13.70	
13.00	13.80	
14.00	12.80	
15.00	12.00	
16.00	0.89	
17.00	5.16	
18.00	6.51	
19.00	1.70	
20.00	12.70	
21.00	12.50	
22.00	13.30	
23.00	13.90	
24.00	13.20	
25.00	15.70	
26.00	13.50	
27.00	13.80	
28.00	12.00	
29.00	15.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	14.30	
31.00	7.64	
32.00	14.50	
33.00	11.60	
34.00	10.30	
35.00	7.30	
36.00	0.23	
37.00	0.27	
38.00	0.14	
39.00	0.16	
40.00	0.21	
41.00	0.75	
42.00	0.67	
43.00	0.58	
44.00	1.20	
45.00	13.80	
46.00	17.60	
47.00	6.95	
48.00	2.34	
49.00	0.47	
50.00	0.32	
51.00	0.51	
52.00	3.23	
53.00	0.25	
54.00	10.30	
55.00	13.60	
56.00	14.10	
57.00	6.56	
58.00	17.60	
59.00	17.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	13.90	
61.00	19.10	
62.00	7.79	
63.00	0.31	
64.00	1.24	
65.00	18.00	
66.00	15.80	
67.00	4.17	
68.00	15.80	
69.00	12.80	
70.00	14.10	
71.00	12.60	
72.00	10.40	
73.00	12.10	
74.00	0.86	
75.00	8.05	
76.00	10.10	
77.00	7.57	
78.00	0.47	
79.00	7.68	
80.00	8.19	
81.00	6.64	
82.00	9.18	
83.00	9.07	
84.00	4.06	
85.00	0.32	
86.00	0.27	
87.00	0.42	
88.00	0.73	
89.00	12.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	9.62	
91.00	1.59	
92.00	10.80	
93.00	0.54	
94.00	9.73	
95.00	2.19	
96.00	6.56	
97.00	7.37	
98.00	2.87	
99.00	0.29	
100.00	1.23	
101.00	0.36	
102.00	0.84	
103.00	0.31	
104.00	8.50	
105.00	1.28	
106.00	0.65	
107.00	0.87	
108.00	1.62	
109.00	8.96	
110.00	12.20	
111.00	7.33	
112.00	9.82	
113.00	15.60	
114.00	10.60	
115.00	6.91	
116.00	4.09	
117.00	1.33	
118.00	7.28	
119.00	3.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.51	
121.00	0.36	
122.00	0.38	
123.00	1.83	
124.00	3.23	
125.00	7.94	
126.00	0.64	
127.00	0.27	
128.00	0.91	
129.00	0.18	
130.00	0.18	
131.00	0.82	
132.00	2.54	
133.00	0.75	
134.00	0.71	
135.00	0.42	
136.00	0.31	
137.00	3.97	
138.00	3.00	
139.00	6.53	
140.00	6.07	
141.00	7.92	
142.00	0.38	
143.00	0.25	
144.00	2.79	
145.00	0.56	
146.00	0.62	
147.00	2.17	
148.00	0.62	
149.00	1.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.40	
151.00	6.78	
152.00	3.60	
153.00	9.71	
154.00	2.90	
155.00	9.22	
156.00	11.40	
157.00	6.71	
158.00	5.27	
159.00	5.10	
160.00	2.29	
161.00	2.54	
162.00	20.10	
163.00	8.08	
164.00	2.87	
165.00	4.39	
166.00	22.20	
167.00	12.80	
168.00	19.10	
169.00	17.70	
170.00	21.80	
171.00	18.70	
172.00	5.91	
173.00	14.00	
174.00	4.99	
175.00	2.81	
176.00	3.55	
177.00	7.24	
178.00	4.04	
179.00	5.94	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	2.16	
181.00	3.51	
182.00	4.02	
183.00	17.60	
184.00	10.10	
185.00	16.00	
186.00	5.89	
187.00	0.34	
188.00	1.15	
189.00	12.60	
190.00	4.64	
191.00	9.80	
192.00	15.00	
193.00	16.50	
194.00	4.20	
195.00	6.49	
196.00	2.85	
197.00	2.36	
198.00	1.18	
199.00	4.22	
200.00	3.00	
201.00	3.38	
202.00	2.63	
203.00	2.54	
204.00	1.88	
205.00	6.78	
206.00	4.41	
207.00	2.76	
208.00	4.46	
209.00	3.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	5.69	
211.00	3.56	
212.00	2.15	
213.00	0.58	
214.00	8.38	
215.00	1.07	
216.00	12.20	
217.00	11.10	
218.00	10.50	
219.00	15.30	
220.00	8.07	
221.00	13.40	
222.00	12.20	
223.00	11.60	
224.00	13.00	
225.00	1.57	
226.00	11.10	
227.00	13.70	
228.00	9.75	
229.00	18.20	
230.00	8.25	
231.00	6.40	
232.00	15.00	
233.00	16.60	
234.00	14.60	
235.00	3.40	
236.00	14.30	
237.00	3.12	
238.00	4.95	
239.00	14.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	16.10	
241.00	17.50	
242.00	17.00	
243.00	10.40	
244.00	8.54	
245.00	3.12	
246.00	3.04	
247.00	13.10	
248.00	2.92	
249.00	15.20	
250.00	24.60	
251.00	11.70	
252.00	17.90	
253.00	9.69	
254.00	11.80	
255.00	9.33	
256.00	19.80	
257.00	16.10	
258.00	20.80	EOH

KLAZA

Hole: DDH-KL-12-99 Date: Aug 2012

Box #	From (m)	To (m)
1	0.00	13.55
2	13.55	18.40
3	18.40	24.36
4	1.00	30.39
5	30.39	36.24
6	36.24	42.31
7	2.00	47.59
8	47.59	53.34
9	53.34	58.83
10	3.00	64.55
11	64.55	70.41
12	70.41	76.03
13	4.00	81.83
14	81.83	87.17
15	87.17	93.20
16	5.00	99.26
17	99.26	105.18
18	105.18	111.42
19	6.00	117.17
20	117.17	122.75
21	122.75	128.19
22	7.00	133.91
23	133.91	139.60
24	139.60	145.70
25	8.00	151.19
26	151.19	156.95
27	156.95	162.82
28	9.00	168.47
29	168.47	174.09

KLAZA

30	174.09	179.93
31	10.00	185.67
32	185.67	191.44
33	191.44	197.06
34	11.00	202.87
35	202.87	208.80
36	208.80	214.77
37	12.00	220.63
38	220.63	226.42
39	226.42	232.19
40	13.00	238.04
41	238.04	243.86
42	243.86	249.67
43	14.00	255.50
44	255.50	258.17
		EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382587.09	6889563.8	1418.101	343.51

ZONE: PIKA

SECTION:

HOLE: DDH-12-100

CLAIM: YC37988

Contractor: Swiftsure

Drill: 1

Core size: NQ2 (5.3cm) Reduced at: (m)

Casing depth: 6.10 (m) in / **out**

Drilling dates: Aug 3-6th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	32.74	32.74	GRD	Alternating phyllic, argillic and weakly propylitic alt.
32.74	40.00	7.26	GRD	Phyllic altered granodiorite.
40.00	62.56	22.56	GRD	Fresh to weakly propylitic altered granodiorite.
62.56	84.13	21.57	GRD	Alternating phyllic, propylitic and argillic granodiorite,
				including clay altered vein zone @ 70.60m.
84.13	190.07	105.94	GRD	Weakly propylitic altered granodiorite with patches of
				phyllic alteration with mineralized veins.
190.07	209.57	19.50	FEL	Quartz-feldspar-porphry dyke.
209.57	252.03	42.46	GRD	Weakly propylitic altered granodiorite with patches of
				phyllic alteration with mineralized veins.
252.03	265.85	13.82	GRD	Fresh granodiorite.
265.85	281.05	15.20	GRD	Propylitic alteration with patches of phyllic alteration
				hosting veining and mineralization.
281.05	296.50	15.45	GRD	Fresh granodiorite.
296.50	331.16	34.66	GRD	Weak propylitic with argillic and phyllic patches.
331.16	336.65	5.49	FEL	Quartz-feldspar-porphry dyke.
336.65	343.51	6.86	GRD	Alternating phyllic, propylitic and argillic alterations.

SAMPLES

Numbers: N811379 - N811624

Total: 246

Batch: 100-1 to 100-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-12-100 **Logger Name:** Nicole Marsh **Date: August 7th, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	6.10	6.10																			20ft of casing.
0.00	5.72	5.72				mKgW	GRD	MG	MD	GY		3.00									HQ core. Alternating fresh and highly oxidized, friable core. Mud and overburden within interval.
									MD	OR											
5.72	8.23	2.51				mKgW	GRD	MG	MD	GY		2.00									Start of NQ core. Fresh granodiorite with patches of fragmented, highly oxidized/limonite stained core.
									LT	OR											
8.23	32.74	24.51				mKgW	GRD	MG	MD	GY		1.00		PRO	2.00						Very weakly propyllitic altered granodiorite with limonite staining on fractures and minor patches on core. Patches of highly oxidized/friable rock present.
									MD	GN											
			8.23	9.26	1.03	mKgW	GRD	MG	LT	GN		3.00		PHC	3.00						Moderately phyllic altered granodiorite with limonite staining overprinting the phyllic alteration.
									MD	OR											
			12.12	16.18	4.06	mKgW	GRD	MG	LT	GN		2.00		PHC	3.00	1.00					Patchy moderate phyllic, moderate argillic and weak propyllitic alteration. Patchy
									LT	OR				ARG	3.00						
														PRO	2.00						
			18.60	19.15	0.55	mKgW	GRD	MG	LT	OR		4.00		ARG	4.00						Strong argillic alteration and strong oxidation. Soft, clay altered (sticky clay, can break core with hands).
			20.42	32.61	12.19	mKgW	GRD	MG	LT	GN				PHC	3.00						Alternating weak propyllitic, moderate phyllic and weak to moderate argillic altered
									MD	GY				ARG	2.00						
														POT	1.00						
														PRO	2.00						
32.74	40.40	7.66				mKgW	GRD	MG	LT	GN		3.00		PHC	3.00	1.00		To	2.00		Dominantly phyllic altered granodiorite (moderate, some strong) with patches of argillic alteration and crumbly/friable core. Several patches of weak, crumbly, heavily oxidized core. Vuggy carbonate textures and veining present with pyrite mineralization (see secondary structures log). 1 vein hosting massive tourmaline.
									LT	OR											
40.40	55.53	15.13				mKgW	GRD	MG	MD	GY				PRO	1.00						Fresh to weakly propyllitic altered granodiorite. Grey with slight green tinge. Small, localized patches of phyllic alteration enveloping quartz-carbonate veinlets and smoky quartz veinlets/ Chlorite staining on some fractures (proximal to veinlets and phyllic alteration).
									MD	GN				PHC	1.00						
55.53	124.05	68.52				mKgW	GRD	MG	MD	GY		1.00		PRO	2.00						weakly propyllitic altered granodiorite. Grey with slight green tinge. Small, localized patches of phyllic alteration enveloping quartz-carbonate veinlets and smoky quartz veinlets. Few larger quartz-carbonate veins (see secondary structures log). Few patches of argillic alteration with friable rock, often limonite stained.
										GN				ARG	1.00						
														PHC	1.00						
			61.07	62.56	1.49	mKgW	GRD	MG	LT	GN		2.00		PHC	2.00						Patchy argillic and (weak to moderate) phyllic alteration with quartz-carbonate veins (see secondary structures). 25cm of limonite stained, crumbly, weak core.
														ARG	3.00						
			65.93	69.70	3.77	mKgW	GRD	MG	LT	GN		2.00		PHC	3.00	<1		Sp	<1		Moderate to strong phyllic alteration with sulphide-bearing vein at end of interval. Limonite staining on fractures and some surfaces. Small developing faults. Clay altered fault gouge/clay altered vein present, hosting semi-massive pyrite (potential for high grade zone, limonite stained, clay altered).
																		Gn	<1		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			71.90	74.72	2.82	mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Argillic altered granodiorite with phyllic (and trace potassic) overprinting. Patches of moderate phyllic alteration and propyllitic alteration (dark-green). Quartz0carbonate veining described in secondary structures log.
														ARG	3.00						
														POT	1.00						
														PRO	1.00						
			74.42	77.78	3.36	mKgW	GRD	MG	LT	OR	RU	3.00		PHC	3.00	<1					Highly fragmented core. Harder fragments of phyllic altered rock (with broken veins) and friable/crumbly argillic altered core. Limonite staining on all fracture surfaces. Minor fault gouge within interval (see secondary structures log). Last 80cm is weak, but cohesive. Altered core.
									LT	WH				ARG	3.00						
									LT	GY											
			81.70	84.73	3.03	mKgW	GRD	MG	LT	GN	PA			PHC	3.00						Patchy argillic (moderate to strong) and (moderate to strong) phyllic alteration enveloping veins
									DK	GN				ARG	3.00						
									LT	WH											
			102.43	106.35	3.92	mKgW	GRD	MG	LT	GN	PA			ARG	3.00	<1					Patchy argillic (moderate to strong), phyllic (moderate to strong) and moderate propyllitic altered granodiorite. Phyllic alteration enveloping sulphide-bearing veins (see secondary structures log). Hard/competent phyllic, and generally friable argillic alteration. Some phyllic overprinting argillic alteration.
									DK	GN				PHC	3.00						
									LT	WH				PRO	3.00						
			108.72	110.74	2.02				LT	PHC				PHC	3.00						Moderately phyllic altered granodiorite with minor argillic alteration. Quartz-carbonate veinlets throughout.
														ARG	2.00						
			122.42	123.30	0.88	mKgW	GRD	MG	LT	GN				PHC	3.00						Moderately phyllic altered granodiorite.
124.05	185.03	60.98				mKgW	GRD	MG	MD	GY	PA			PRO	1.00						Fresh to weakly propyllitic altered granodiorite with few patches of phyllic alteration enveloping small veinlets, and trace argillic alteration.
									MD	GN				ARG	1.00						
														PHC	1.00						
			126.80	128.50	1.70	mKgW	GRD	MG	LT	GN				PHC	3.00						Generally moderate (with some weak) phyllic altered granodiorite with quartz and quartz-carbonate veinlets throughout.
			138.61	141.31	2.70	mKgW	GRD	MG	LT	GN				PHC	3.00						Generally moderate (with some weak) phyllic altered granodiorite with quartz and quartz-carbonate veinlets throughout.
			162.96	163.65	0.69	mKgW	GRD	MG	LT	GN	MO			PHC	2.00	1.00					Mottled/patchy colours and textures. Weak phyllic alteration enveloping pyrite stringers. Blebs of pyrite up to 1cm in width and disseminated pyrite present.
			174.45	175.98	1.53	mKgW	GRD	MG	LT	GN	EV			PHC	3.00						Weak to moderate phyllic alteration enveloping quartz-pyrite veinlets/stringers. Trace argillic alteration (with potassic overprint).
														ARG	1.00						
														POT	1.00						
			180.40	183.83	3.43	mKgW	GRD	MG	LT	GN	PA		2.00	PHC	3.00	<1					Patchy phyllic (weak to moderate), weak propyllitic and moderate argillic (with potassic overprinting) alterations. Silicification in darker-green patches, hosting disseminated pyrite (moderate phyllic alteration with propyllitic overprinting). Pyrite stringers within phyllic alteration.
									DK	GN				PRO	2.00						
														ARG	3.00						
														POT	1.00						
185.03	190.07	5.04				mKgW	GRD	MG	LT	GN		3.00		PHC	3.00	1.00					Moderate phyllic altered granodiorite with few fresher/weak propyllitic altered patches. Silicification at upper contact with dyke. Quartz and quartz-carbonate vein with localized sulphide mineralization (see secondary structures log).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
190.07	209.57	19.50				LKqP	FEL	FG	MD	GY	PO										Quartz-feldspar-porphyry dyke. Colours range from grey-green, light and dark shades of grey, dark green and tan. Phenocrysts up to 1cm in size, most at 2mm to 4mm. Localized quartz-carbonate veining.
									DK	GY											
									MD	GN											
209.57	216.24	6.67				mKgW	GRD	MG	MD	GN	PA			PHC	2.00	<1		Sp	<1		Granodiorite. Patchy, alternating alterations of weak propyllitic and (moderate to strong) phyllic alterations. Phyllic alteration enveloping veins and veinlets. Mineralization (pyrite and sphalerite) proximal to contact with dyke (see secondary structures log).
									LT	GN				PRO	2.00						
216.24	252.03	35.79				mKgW	GRD	MG	MD	GY				PRO	2.00						Weakly propyllitic altered granodiorite with phyllic alteration envelopes around veins and veinlets. Trace argillic alteration. Quartz veins (milky, localized pyrite mineralization) and quartz-carbonate veins occurring throughout interval. Few friable patches.
									MD	GN				ARG	1.00						
														PHC	1.00						
			220.13	224.48	4.35	mKgW	GRD	MG	LT	GN	EN			PHC	3.00	<1					Moderate to strong phyllic altered granodiorite. Phyllic alteration enveloping quartz and quartz-carbonate veinlets throughout (localized crustiform textures).
			233.12	240.07	6.95	mKgW	GRD	MG	LT	GN	EN			PHC	4.00	<1					Strong phyllic alteration enveloping veins and veinlets, including a 23cm vein (see secondary structures log). Disseminated and blebby pyrite throughout. 1 patch of friable, argillic altered core.
														ARG	1.00						
			247.07	248.07	1.00	mKgW	GRD	MG	LT	GN	EN			PHC	3.00	<1					Moderate phyllic alteration enveloping massive pyrite mineralization and vein.
252.03	265.35	13.32				mKgW	GRD	MG	LT	GY	MA										Light grey, fresh granodiorite. Slight bleaching at beginning of interval.
265.35	281.05	15.70				mKgW	GRD	MG	MD	GY	MA			PHC	1.00						Fresh granodiorite with patches of phyllic alteration enveloping quartz-carbonate veins and veinlets. Trace propyllitic alteration.
														PRO	1.00						
281.05	296.50					mKgW	GRD	MG	LT	GY	MA			PHC	1.00						Fresh granodiorite with patches of phyllic enveloping quartz-carbonate veins and veinlets.
														PRO	1.00						
296.50	302.81	6.31				mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Moderate (to strong) phyllic altered granodiorite with quartz and quartz-carbonate veining throughout.
			297.51	300.84	3.33	mKgW	GRD	MG	LT	PK				POT	3.00						Moderately argillic altered granodiorite with weak phyllic and moderate to strong potassic overprinting.
									LT	WH				ARG	3.00						
														PHC	2.00						
302.81	321.10	18.29				mKgW	GRD	MG	MD	GY				PRO	1.00						Fresh to weakly propyllitic altered granodiorite with small phyllic enveloped surrounding few quartz-carbonate and quartz veinlets. Patches of moderate propyllitic alteration (more propyllitic alteration at end of interval). Trace friable and argillic altered rock.
									MD	GN				PHC	1.00						
														ARG	1.00						
321.10	331.16	10.06				mKgW	GRD	MG	LT	GN	PA			PRO	3.00						Granodiorite. Patchy/alternating phyllic (moderate to strong) and propyllitic (weak to strong) alterations. Trace argillic alteration. Quartz-carbonate and quartz veining throughout phyllic alteration and moderate to strong propyllitic alteration. Colours ranging from light green to dark green.
									DK	GN				PHC	3.00						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
331.16	336.65	5.49				LKqP	FEL	FG	MD	PU	PO							He	2.00		Green and purple quartz-feldspar-porphyry dyke with minor hematite. Phenocrysts are stained dark-purple.
									DK	GN											
336.65	339.90	3.25				mKgW	GRD	MG	DK	GN	PA			PHC	3.00						Patchy (weak to moderate) propyllitic, (weak to moderate) phyllic, and moderate argillic with weak potassic and propyllitic overprint.
									LT	GN				PRO	3.00						
									LT	PK				ARG	3.00						
														POT	2.00						
339.90	343.51	3.61				mKgW	GRD	MG	MD	GY	MA			PRO	2.00						Weakly propyllitic altered granodiorite.
									MD	GN											
																					EOH

KLAZA

Hole: DDH-12-100 **Logger Name: Nicole Marsh**

Depth (m)		DESCRIPTION
190.07		Granodiorite hangingwall, quartz-feldspar porphyry dyke footwall. Hanging wall is silicified, phyllic altered granodiorite. Pyrite and trace galena hosted in smoky quartz (+minor quartz-carbonate) vein at contact. Footwall hosts disseminated pyrite within dyke for 12cm (grading out). Abrupt contact at 76 degrees to-core-axis.
209.57		Quartz-feldspar-porphyry dyke hangingwall, granodiorite footwall. Abrupt contact at 65 degrees to-core-axis. Blebby pyrite hosted in silicified granodiorite and quartz veins at contact. Pyrite and sphalerite mineralization in larger vein proximal to contact (in footwall).
331.16		Granodiorite hangingwall, quartz-feldspar porphyry dyke footwall. Abrupt contact at 22 degrees to-core-axis.
336.65		Quartz-feldspar-porphyry dyke hangingwall, granodiorite footwall. Abrupt contact with ~7mm of fault gouge. Contact/fault gouge at 12 degrees to-core-axis.
		EOH

KLAZA

Hole: DDH-12-100 **Logger Name:** Nicole Marsh **Date:**

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	8.42	8.87	0.45			3.00			Carbonate veinlets and minor smoky quartz hosting disseminated pyrite. Heavy limonite staining. Veinlets up to 2mm in width, various orientations (weakly netted?).	
VN	12.97	13.19	0.22	85.00			Py	2.00	Vein consisting of smoky quartz, white quartz-carbonate, limonite stained stringers and dark blue aphanitic mineral.	
VN	20.74	20.83	0.09	75.00		1.00	Py	2.00	2.6cm smoky quartz vein and quartz-carbonate veinlet. Quartz vein hosting blebby and disseminated pyrite. Adjacent to heavily oxidized and argillic altered zone.	
VT	28.00	28.44	0.44	70.00		14.00			Grey quartz veinlets (up to 5mm in width).	
VN	29.78	29.84	0.06	85.00		1.00			Stringy, white/creamy quartz-carbonate vein with minor fine-dark-blue mineral. 3.2cm in width.	
VT	32.89	32.95	0.06	70.00		3.00	Py	1.00	Dark-fine stringers hosting disseminated pyrite. All stringers at 70 degrees to-core-axis.	
VT	33.19	33.25	0.06	45.00		1.00	Gn	<1	Pinching out smoky quartz and white quartz-carbonate vein hosting trace galena and blebby oxidized mineral (oxidized brown, sphalerite?). 0.9cm in width.	
FT	34.63	35.03	0.40	10.00			To	5.00	Shallow, clay altered fault zone hosting semi-massive black tourmaline and disseminated pyrite (fragments of altered vein?). Very soft. 10 degrees to-core-axis.	
							Py	<1		
VT	35.84	35.88	0.04	70.00		1.00	Py	1.00	Grey veinlets of small dyke(?). Fine grey with white phenocrysts (or clasts, could be brecciation) and hosting disseminated pyrite. 70 degrees to-core-axis. 1cm in width.	
VN	36.65	37.34	0.69	30.00		1.00	To	30.00	Milky quartz vein hosting abundant acicular, radiating and massive black tourmaline and blebby pyrite. Quartz-carbonate veinlets cross cutting main vain at 30 degrees to-core-axis (3x). Slight vuggy texture within quartz-carbonate. Highly fragmented at edges/around vein. Mottled vein.	
							Py	5.00		
VT	44.55	47.18	2.63	80.00		3.00	Py	<1	Carbonate and dark-fine mineral (+quartz?) hosting fine disseminated pyrite. 3mm, 2mm and 1mm. 80 degrees to-core-axis. Small, weak propyllitic alteration envelope.	
VT	50.79	50.84	0.05	50.00		1.00	Py	1.00	Carbonate and dark-fine mineral (+quartz?) hosting minor blebby pyrite at 50 degrees to-core-axis. Small phyllic alteration enveloping veinlet.	
VT	50.90	50.92	0.02	90.00		2.00	Py	1.00	Carbonate and dark-fine mineral (+quartz?) veinlet hosting minor blebby pyrite at 90 degrees tca. 2mm and 3mm widths.	
VN	58.15	58.21	0.06	65.00		1.00	Py	2.00	White and creamy (slight pink) quartz-carbonate (+-ankerite) and minor smoky quartz vein hosting blebby pyrite. 3cm in width. Orientated 5 degrees to-core-axis.	
FT	61.39	61.43	0.04	75.00		1.00			Fault gouge at 75 degrees to-core-axis. 1.6cm in width.	
VN	61.42	61.47	0.05	65.00		1.00			1.8cm grey-quartz vein.	
VN	62.25	62.29	0.04	75.00		1.00	Py	<1	Creamy and white quartz-carbonate and smoky quartz vein with fine-blue mineral. 2.1cm in width.	
VT	65.97	66.00	0.03	75.00		2.00	Py	1.00	Smoky quartz and white quartz-carbonate veinlets. Up to 3mm in width.	
VT	66.35	66.68	0.33			5.00			White/creamy quartz-carbonate veinlets with weak crustiform texture. Orientated 40 to 80 degrees to-core-axis.	
VN	68.65	68.91	0.26	10.00					Smoky quartz and creamy quartz-carbonate vein hosting black tourmaline. 1.3cm in width.	
VN	68.25	69.06	0.81	12.00		2.00	Py	1.00	Smoky quartz and creamy quartz-carbonate vein hosting fine dark-grey mineral and disseminated and semi-massive pyrite. 1.1cm in width. Tourmaline surrounding vein.	
VT	69.69	70.35	0.66			3.00	Py	2.00	Dark-grey chalcedony veinlet (changes orientation at sharp angles, minor vuggy texture) and white chalcedony vein cross cutting stringers and veinlets if quartz-carbonate and smoky quartz veinlets. Quartz and quartz-carbonate veinlets host blebby pyrite.	
VN	70.41	70.60	0.19	70.00		2.00	Py	15.00	2 smoky quartz veins with dark-fine-blue mineral (aphanitic sulphides?) and quartz carbonate. 11cm and 6cm in widths. Veins at contact with fault gouge. Large blebs of pyrite and smaller blebby galena and sphalerite. Much of sphalerite is oxidized.	
							Gn	1.00		
FT	70.60	71.79	1.19	20.00		1.00	Py	3.00	Light orange and brown (limonite stained and muddy), cay altered fault gouge or extremely clay altered vein. Disseminated pyrite, massive pyrite and remnants of smoky quartz veins throughout (at least 2 sulphide-bearing veins).	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	71.79	71.98	0.19				Py	<1	Weakly crustiform creamy/white quartz-carbonate and smoky quartz mottled/slightly netted veinlets. At lower contact with fault gouge. Stringers of pyrite and disseminated pyrite present.	
VT	73.95	73.98	0.03	62.00		1.00			Crustiform creamy ankerite(?) and quartz-carbonate veinlet. 9mm in width. Orientated 62 degrees to-core-axis.	
VT	74.61	74.88	0.27	85.00		3.00	Py	1.00	Dark smoky-quartz with dark-fine pyrite, disseminated pyrite and blebby pyrite. Up to 5mm in width. Orientated 70-85 degrees to-core-axis.	
VN	74.89	75.05	0.16	75.00		1.00	Sp	1.00	Grouped veinlets/banded vein of smoky quartz and milky quartz hosting blebby and disseminated pyrite and blebby sphalerite. Fragmented, therefore estimated width of 14cm.	
							Py	3.00		
FT	75.20	75.74	0.54	30.00					Moderately developed fault gouge. White clay alteration with limonite staining.	
VN	76.10	76.21	0.11	75.00			Py	2.00	Smoky quartz, quartz-carbonate and creamy-pink ankerite banded/stringy vein. Vein hosting dark-blue-fine mineral, disseminated and silver blebby pyrite, and trace galena. 2.3cm in width + 2 ankerite veinlets.	
							Ga	<1		
VT	80.99	81.51	0.52	70.00		4.00			Quartz-carbonate veinlets with weak, small phyllic alteration envelopes. Up to 4mm in width. 2 veinlets at 70 degrees to-core-axis, 2 at 30 degrees to-core-axis.	
				30.00						
VN	81.91	81.95	0.04	70.00		1.00	Py	4.00	Blebby pyrite, blebby chalcopyrite and trace arsenopyrite hosted in smoky and milky quartz vein. Banded vein with creamy-pink ankerite and a band of white quartz-carbonate. Minor vuggy texture. Tourmaline proximal to vein. 2.5cm in width.	
							Cp	2.00		
							As	<<1		
VN	83.04	83.15	0.11	55.00		1.00	Py	<1	Crustiform and brecciation textures in banded vein. Crustiform (and slightly vuggy) creamy quartz-carbonate, smoky quartz and band of brecciation (angular quartz-carbonate clasts in grey quartz matrix). Vein hosting disseminated pyrite and small blebs of pyrite. 6.8cm true width. Orientated 55 degrees to-core-axis.	
VT	83.55	83.67	0.12	60.00		3.00	Py	<1	Milky (+smoky) quartz veinlets hosting minor quartz-carbonate and fine-dark and brassy pyrite. Up to 1cm in width.	
VT	87.35	87.41	0.06	50.00		1.00	Py	<1	Smoky quartz and minor quartz-carbonate and milky quartz vein hosting disseminated pyrite. 5mm in width.	
VT	96.13	96.36	0.23	70.00		3.00	Py	2.00	White, vitreous quartz veinlet hosting band of blebby pyrite , minor quartz-carbonate and fine dark-blue mineral.	
VT	101.36	103.45	2.09	10.00		3.00			Shallow, white quartz-carbonate veinlet rimmed by fine chlorite. 3mm each. 1 veinlet ~ horizontal (pinches out), 2 veinlets at 10 degrees to-core-axis. 2 veinlets have crustiform textures, and one has pink-grey vitreous quartz (chalcedony?).	
VT	104.91	104.98	0.07	50.00		2.00	Py	<1	Quartz-carbonate, smoky quartz and chlorite veinlet hosting minor disseminated pyrite.	
VN	105.77	106.25	0.48	55.00		2.00	Py	7.00	Banded milky and smoky quartz, creamy quartz-carbonate vein hosting black tourmaline, disseminated, blebby and semi-massive pyrite. 2.3cm and 8cm in width.	
VT	107.77	107.85	0.08	60.00		4.00	Py	1.00	Group of fine dark-green chlorite and milky quartz stringers hosting blebby pyrite. Weak phyllic alteration envelope.	
VT	109.12	112.83	3.71	80.00		10.00	Py	<<1	Smoky quartz and creamy quartz-carbonate veinlets with trace fine disseminated pyrite. Orientated 70-80 degrees to-core-axis (most at 80 degrees). Phyllic alteration enveloping veinlets.	
VT	116.04	116.10	0.06	50.00		1.00	Py	<1	Milky quartz and fine dark-grey-blue veinlet with minor quartz0carbonate, hosting disseminated pyrite. 1cm in width.	
VN	123.20	123.28	0.08	52.00		2.00	Py	<<1	7mm and 2cm banded smoky quartz and white quartz0carbonate veins hosting dark-blue fine mineral and trace fine-disseminated pyrite.	
VT	127.01	127.06	0.05	65.00		1.00			Smoky quartz and white quartz carbonate veinlet. 9mm in width.	
ST	127.21	130.63	3.42	50.00		8.00			Quartz stringers hosting blebby pyrite and trace galena. Chlorite rich halo.	
VN	133.42	133.48	0.06	60.00		1.00			White carbonate with white quartz-carbonate at edges. Crustiform texture. 2.1cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	135.57	135.62	0.05	70.00		1.00			Banded ankerite, grey quartz-carbonate and smoky quartz vein. 4.2cm in width.	
VN	138.20	138.27	0.07	60.00		1.00			Crustiform white, blue and blue-green quartz-carbonate and smoky quartz vein hosting disseminated pyrite and abundant chlorite. 3.6cm in width.	
VN	139.89	139.92	0.03	70.00		1.00			Smoky quartz vein with coarse crystals of creamy-pink ankerite. 1.6cm in width.	
VT	141.96	142.03	0.07	68.00		2.00	Py	1.00	Veinlets composed of smoky quartz, white quartz-carbonate and fine dark-blue mineral with chlorite rich, small alteration halos. Hosting disseminated pyrite. Orientated 70 and 75 degrees to-core-axis.	
VT	145.45	146.35	0.90			4.00	Py	<1	Smoky quartz and white quartz-carbonate veinlets and dark-fine stringers within veinlets. Veinlets hosting disseminated to small blebs of pyrite. Orientated 50-80 degrees to-core-axis.	
VT	150.91	150.96	0.05	50.00		1.00	Py	<1	Smoky quartz, white quartz-carbonate and creamy-pink ankerite veinlet hosting disseminated and small blebs of pyrite. 6mm in width. 50 degrees to-core-axis.	
VN	151.58	151.86	0.28	70.00		2.00			2 brecciated veins hosting disseminated pyrite. Grey aphanitic matrix (chlorite and quartz?) with green, phyllic altered clasts of granodiorite ranging from 1mm to 2cm in width. 2nd vein includes 2.3cm of creamy quartz-carbonate netted veinlets (with smoky quartz between veinlets/stringers). 2.4cm and 10.6cm in width. Orientated 70 degrees to-core-axis.	
VT	154.29	171.88	17.59	70.00		5.00	Py	<1	Veinlets composed of white carbonate, smoky quartz and dark-blue mineral. Veinlets hosting disseminated pyrite. Orientated 70, 65, and 40 degrees to-core-axis (70 degrees is most common).	
VN	163.45	163.48	0.03	80.00		1.00	Py	2.00	Grey vein consisting of smoky quartz, darker grey quartz and minor creamy quartz-carbonate. Vein hosting disseminated pyrite. 1.8cm in width.	
VN	175.15	175.24	0.09	65.00		3.00	Py	3.00	Smoky quartz vein and veinlet with some white carbonate. Vein hosting disseminated and blebby pyrite, and black aphanitic sulphides. 5mm and 2cm in width.	
ST	175.41	175.77	0.36	75.00		6.00	Py	1.00	4 pyrite stringers. Blebby pyrite and dark aphanitic sulphide. Immediate dark-green halo grading into light green phyllic alteration envelope. Orientated 70-80 degrees to-core-axis.	
VT	175.90	175.94	0.04						Vein consisting of white carbonate, grey vitreous quartz, and dark aphanitic sulphides and blebby pyrite.	
VT	180.48	182.56	2.08	70.00		6.00			Smoky quartz veinlets and stringers hosting disseminated and blebby pyrite in silicification enveloping veinlets. Minor white quartz-carbonate. Orientated 65-70 degrees to-core-axis.	
VT	185.05	185.09	0.04	55.00		2.00			2 white carbonate and smoky quartz veinlets.	
VN	185.50	185.56	0.06	55.00		1.00			Banded vein of grey/smoky quartz, white vitreous quartz, band of blebby pyrite and weakly crustiform creamy quartz carbonate. Haloed by silicification, hosting disseminated pyrite. 2.4cm in width.	
VN	186.96	187.10	0.14	35.00		1.00	Py	<1	White, vitreous quartz vein hosting disseminated pyrite. 2.4cm in with.	
VT	187.19	187.22	0.03	70.00		1.00	Sp	1.00	Milky quartz vein hosting blebby pyrite and sphalerite. 4mm in width.	
							Py	2.00		
VN	187.67	187.86	0.19	55.00		2.00	Py	7.00	Vitreous, white quartz vein hosting blebby pyrite and sphalerite, and black band of aphanitic sulphide. 2 veins with small zone (2.3cm) of fault gouge between veins. Fault gouge is black and orientated at 90 degrees to-core-axis. Veins 4.4cm and 1.9cm in width.	
							Sp	2.00		
ST	187.86	188.39	0.53	55.00		7.00	Py	5.00	Dark fine stringers and quartz stringers bearing blebby and disseminated pyrite throughout interval. Stringers 50 to 60 degrees to-core-axis.	
VN	188.49	188.56	0.07	55.00		1.00	Py	<1	White, vitreous quartz vein hosting thin bands of quartz carbonate, disseminated pyrite and trace to. 2.6cm in width.	
							To	<1		
VT	188.97	189.19	0.22	75.00		3.00	Py	<<1	White/creamy quartz carbonate and smoky quartz veinlets hosting trace disseminated pyrite. 3 veinlets with the last vein cross-cutting the vein describe below.	
VN	189.17	190.02	0.85			5.00	Py	7.00	White-grey vitreous quartz veins hosting disseminated to blebby pyrite. Increasing modal abundance of pyrite and tourmaline as moving downhole towards dyke (tourmaline grading from 3% to 10%). 5 veins and 5 stringers orientated at 40-70 degrees to-core-axis. Trace arsenopyrite in vein proximal to contact. 1.4cm, 1.0cm, 1.9cm, 7mm and 1.0cm vein widths.	
							As	<<1		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	190.02	190.07	0.05	70.00		1.00	Py	30.00	Smoky and milky quartz vein hosting blebby + bands of pyrite. Vein at contact with dyke. 2.5cm in width. Soft green mineral within vein (smectite? Sericite?).	
VT	190.98	198.34	7.36			12.00			White quartz-carbonate + fine-blue mineral veinlets. Orientated 40-60 degrees to-core-axis.	
FT	192.32	192.40	0.08	33.00		1.00	Py	<1	Small fault zone. Highly clay altered gouge with blebby pyrite and disseminated pyrite in footwall. ~2cm in width.	
VN	198.15	198.24	0.09	33.00		1.00			Crustiform, white and creamy quartz-carbonate vein with lines of blue stringers. 1.1cm in width.	
ST	199.20	199.45	0.25						Densely netted fine black stingers.	
FT	200.92	201.06	0.14			1.00	Py	<1	Moderately developed fault gouge zone. Fine disseminated pyrite throughout. Clay altered. Angle unknown.	
ST	202.08	207.72	5.64	40.00					Netted, creamy quartz-carbonate veinlets. Band of netted veinlets orientated at 40 degrees to-core-axis.	
FT	207.69	207.72	0.03	30.00					Moderately developed fault gouge. ~2.4cm in width.	
VN	208.73	208.84	0.11	50.00			Py	30.00	Vitreous white/grey quartz vein hosting blebby pyrite and sphalerite. ~1cm band of white quartz-carbonate. 6.4cm in width.	
							Sp	10.00		
VN	209.40	209.43	0.03	60.00			Py	20.00	Smoky quartz and creamy quartz-carbonate veinlet hosting blebby pyrite, galena and sphalerite + semi-massive pyrite. 1.5cm in width.	
							Gn	10.00		
							Sp	7.00		
VN	211.69	211.76	0.07	60.00					Dark-grey quartz, vitreous grey quartz and white quartz-carbonate vein hosting disseminated pyrite. 3cm in width.	
VT	211.92	212.05	0.13						Netted, creamy quartz-carbonate veinlets (+-ankerite).	
VN	212.11	212.13	0.02	80.00			Py	<1	2.0cm and 1.3cm smoky quartz and white quartz-carbonate veins with dark-aphanitic stringers hosting pyrite.	
VN	215.88	215.95	0.07	50.00			As	<1	Weakly crustiform, white quartz-carbonate and smoky quartz banded being hosting blebby pyrite, sphalerite and arsenopyrite. Orientated 50 degrees to-core-axis. 1.7cm in width.	
							Py	5.00		
VN	217.76	219.69	1.93	50.00		2.00	Py	<1	Milky quartz vein hosting disseminated pyrite and blebby pyrite. 1.3cm and 1.0cm in width.	
VT	221.39	221.46	0.07	50.00		5.00			Creamy, crustiform quartz veinlets. 4 veinlets at 50 degrees, 1 at 85 degrees to-core-axis.	
VT	221.77	221.79	0.02	85.00		1.00	Py	2.00	Smoky quartz and creamy quartz-carbonate veinlet hosting small blebs of pyrite.	
VN	223.21	223.27	0.06	85.00		1.00	Py	<1	Vuggy and crustiform white/creamy/pink and smoky quartz vein hosting disseminated and small blebs of pyrite and trace disseminated galena. Banded vein. 5.5cm in width.	
VN	224.29	224.31	0.02	85.00			Gn	<1		
VN	227.47	227.56	0.09	55.00		1.00	Py	<1	Banded vein of yellow crustiform quartz-carbonate, chalcedony, smoky quartz, bands of yellow stringers quartz-carbonate stringers. Vein hosting minor tourmaline + blebby and disseminated pyrite	
							To	1.00		
VT	230.24	230.30	0.06	65.00		2.00	Py	5.00	2 veinlets + stringers of creamy quartz-carbonate and smoky quartz hosting blebby and disseminated pyrite. Veinlets at 60 and 70 degrees to-core-axis.	
VT	238.26	238.48	0.22	85.00		3.00	Py	<1	2 smoky and 1 creamy quartz-carbonate veinlet hosting disseminated and blebby pyrite and blebby sphalerite.	
							Sp	<1		
VN	238.50	238.59	0.09	68.00		1.00	Py	<1	Creamy white and grey quartz-carbonate + minor smoky quartz vein. Sight vuggy texture. Silicification at edges, hosting disseminated pyrite.	
VT	238.59	239.10	0.51			16.00	PY	1.00	Creamy quartz-carbonate veinlets and stringers + few smoky quartz veinlets. Blebby and disseminated pyrite throughout interval (within veins and silicified and phyllic altered granodiorite). Various orientations.	
VN	239.11	239.35	0.24	80.00		1.00	Py	4.00	23cm vein. Creamy/white quartz-carbonate + vitreous white-grey quartz + band of fine-black densely netted stringers. Vein hosting disseminated and blebby pyrite, and black-aphanitic sulphides. Silicification on either side of vein hosting disseminated pyrite and pyrite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	239.68	239.75	0.07	25.00		1.00			Small fault gouge zone of ~1-2cm in width. Green and extremely clay altered. Orientated 25 degrees to-core-axis.	
VN	247.11	247.29	0.18	65.00		1.00	Py	40.00	Smoky quartz-vein hosting pervasive blebby pyrite and lesser proportions of blebby chalcopyrite. Also, massive pyrite and small bands of stringy quartz-carbonate.	
							Cp	12.00		
VN	247.82	247.88	0.06	75.00		2.00	Py	20.00	1cm and 1.5cm veins. White vitreous quartz with white quartz-carbonate. Veins hosting semi-massive to massive pyrite.	
ST	249.65	249.68	0.03	65.00		1.00	Py	2.00	Pyrite stringers up to 1mm in width, occurring with blebby pyrite.	
VT	251.35	251.42	0.07	76.00		3.00			Stringy, white quartz-carbonate veinlets up to 8mm in width.	
VT	265.67	265.72	0.05	68.00		1.00			Banded/stringy veinlets of fine-blue mineral, white quartz-carbonate and smoky quartz. 8mm in width.	
VT	267.56	267.67	0.11			3.00	Py	<1	Vitreous-white quartz-carbonate veinlets. 1 veinlet hosting disseminated and blebby, oxidized sphalerite. Veinlets orientated 50-80 degrees to-core-axis.	
							Sp	2.00		
VT	269.34	270.35	1.01	80.00		4.00	Py	1.00	Vitreous-grey quartz veinlets with some stringy quartz-carbonate hosting blebby pyrite and small blebs of sphalerite.	
							Sp	<1		
VN	270.67	270.80	0.13	80.00		1.00	Py	3.00	Banded vein consisting of vuggy-white quartz-carbonate and grey quartz hosing dark blue aphanitic sulphides, band of sphalerite, blebby pyrite and blebby galena. 12.8cm in width.	
							Sp	3.00		
							Gn	<1		
VN	270.89	270.90	0.01	80.00		1.00			1.2cm stringy/crustiform quartz-carbonate vein.	
VN	272.04	272.18	0.14	10.00		2.00	Py	<1	Banded vitreous quartz and creamy quartz-carbonate vein with crustiform quartz-carbonate textures. Veins hosting disseminated pyrite. 7cm and 1cm.	
VT	278.54	278.67	0.13	80.00		2.00	Py	<1	Grey-white vitreous quartz veinlet hosting small blebs and disseminated pyrite. Dark green, chlorite rich halo.	
VT	278.92	279.26	0.34			4.00	Gn	<<1	Creamy crustiform, netted and stringy quartz-carbonate veinlets. Orientated at 40-70 degrees to-core-axis.	
VT	278.79	279.10	0.31	50.00		2.00	Py	1.00	Creamy quartz-carbonate and smoky quartz veinlets hosting blebby pyrite and galena + disseminated pyrite. Orientated at 50 and 85 degrees to-core-axis. 2mm and 7mm in width.	
				85.00			Gn	<1		
VN	279.62	279.66	0.04	70.00		1.00	Gn	15.00	Grey and vitreous quartz (+ some quartz-carbonate) banded vein hosting blebby pyrite, disseminated pyrite, semi-massive galena, blebby sphalerite and band of sphalerite. 3.8cm in width.	
							Py	5.00		
							Sp	5.00		
VN	279.75	279.82	0.07	55.00		1.00	Py	<<1	Weakly crustiform vein of creamy, white and grey quartz-carbonate + grey quartz. Trace disseminated pyrite. 6.8cm in width.	
VT	287.53	293.93	6.40	78.00		3.00			Quartz-carbonate veinlets (2mm-7mm). White to creamy colours. 75-80 degrees to-core-axis.	
VT	295.73	296.93	1.20	40.00		2.00	Py	<1	Quartz-carbonate + quartz + fine-blue mineral veinlets hosting disseminated pyrite. Orientated 40 and 80 degrees to-core-axis.	
VN	297.24	297.27	0.03	75.00		1.00	To	5.00	1.7cm banded grey quartz and crustiform quartz-carbonate hosting tourmaline, blebby sphalerite and disseminated pyrite	
							Py	<1		
							Sp	1.00		
VN	300.92	301.19	0.27	70.00		1.00	Py	<1	Quartz and quartz-carbonate veins and dark stringers hosting disseminated pyrite. 2 veins and 2 stringers.	
VT	303.07	303.12	0.05	80.00		2.00	Py	<<1	White, weakly crustiform quartz-carbonate (+ minor quartz) veinlets hosting trace disseminated pyrite and tourmaline. Orientated at 70 and 90 degrees to-core-axis.	
VN	305.72	305.76	0.04	80.00		1.00	Py	15.00	Smoky quartz vein hosting blebby and disseminated pyrite, bordered by bands of creamy quartz-carbonate. Banded vein. Disseminated pyrite within phyllic alteration halo. Vein is 2.7cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	306.13	306.17	0.04	87.00		1.00	Py	<1	Smoky quartz vein hosting pervasive dark aphanitic sulphides, minor quartz-carbonate and trace disseminated pyrite. 3.3cm in width.	
ST	306.35	306.40	0.05	80.00		3.00	Py	<1	Fine, black stringers hosting disseminated pyrite.	
VT	311.62	312.10	0.48				Py	<1	Netted carbonate stringers and veinlets with minor grey-vitreous quartz hosting disseminated pyrite.	
VT	312.12	312.25	0.13	40.00		1.00			Grey chalcedony veinlet. 4mm in width.	
VT	314.72	314.96	0.24	70.00		5.00			White carbonate and quartz-carbonate vein (1.4cm in width) + 5 carbonate veinlets.	
VN	322.57	323.24	0.67	80.00		3.00			Creamy quartz-carbonate, white carbonate and smoky quartz stringy and crustiform veins hosting trace disseminated pyrite. Minor vuggy texture. 2 veins at 80 degrees, 1 at 65 degrees to-core-axis. 1.0cm, 1.7cm and 2.4cm in width.	
				65.00						
FT	328.13	3287.27	2959.14	40.00		1.00	Py	<1	Friable/crumbly fault zone. Chlorite rich. Trace disseminated pyrite.	
VN	328.45	328.51	0.06	70.00		1.00			Creamy-yellow quartz-carbonate vein + minor smoky quartz. 5cm in width.	
VN	329.24	329.29	0.05	85.00		1.00			4.2cm grey quartz-carbonate and chalcedony(?) + smoky quartz vein with minor vuggy textures within the quartz-carbonate. ~3mm of gouge on upper fracture.	
VT	331.61	331.65	0.04	88.00		1.00	Py	1.00	Smoky quartz and white quartz-carbonate veinlet adjacent to 2cm of heavy chloritization hosting small blebs of pyrite, Together 3.8cm at 88 degrees to-core-axis.	
ST	334.38	334.51	0.13	80.00		12.00	Py	2.00	Boudinaged pyrite stringers at 80 degrees to-core-axis. ~12 stringers.	
VN	334.50	334.61	0.11	70.00		1.00	Py	7.00	10.8cm grey-white quartz and white quartz-carbonate vein hosting black aphanitic sulphides and blebby pyrite.	
VN	337.07	337.11	0.04	80.00		1.00			Weakly crustiform smoky quartz and creamy-white quartz-carbonate vein at 80 degrees to-core-axis. 2.2cm in width.	
									EOH	

KLAZA

Hole: DDH-12-100 **Date:** August 7th, 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	8.12	8.12	0.00	0						Overburden and casing
8.12	9.27	1.15	1.14	99.1	N811379	100-1				
9.27	11.28	2.01	1.06	52.7	N811380	100-1				Blocks too close together. Lost recovery?
11.28	12.38	1.10	1.10	100	N811381	100-1				
					N811382	100-1				STD-KL-2
12.38	13.38	1.00	1.00	100	N811383	100-1				
13.38	15.00	1.62	1.50	92.6	N811384	100-1				
15.00	16.22	1.22	1.22	100	N811385	100-1				
					N811386	100-1				1/4 DUPLICATE
16.22	18.62	2.40	2.40	100	N811387	100-1				
18.62	19.62	1.00	1.00	100	N811388	100-1				
19.62	20.62	1.00	1.00	100	N811389	100-1				
20.62	21.62	1.00	1.00	100	N811390	100-1				
					N811391	100-1				BLANK
21.62	23.25	1.63	1.63	100	N811392	100-1				
23.25	24.25	1.00	0.92	92	N811393	100-1				
24.25	25.25	1.00	0.92	92	N811394	100-1				
25.25	26.52	1.27	1.25	98.4	N811395	100-1				Friable rock.
26.52	28.00	1.48	1.34	90.5	N811396	100-1				
28.00	29.00	1.00	1.00	100	N811397	100-1				
29.00	30.10	1.10	1.10	100	N811398	100-1				
					N811399	100-1				STD-KL-1
30.10	32.14	2.04	2.04	100	N811400	100-1				
32.14	33.14	1.00	1.00	100	N811401	100-1				
33.14	34.14	1.00	0.99	99	N811402	100-1				
34.14	35.14	1.00	0.83	83	N811403	100-1				Rubbly/muddy.
35.14	36.25	1.11	1.09	98.2	N811404	100-1				
36.25	37.35	1.10	1.03	93.6	N811405	100-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811406	100-1				BLANK
37.35	38.37	1.02	1.01	99	N811407	100-1				
38.37	39.87	1.50	1.50	100	N811408	100-1				
39.87	41.56	1.69	1.69	100	N811409	100-1				
					N811410	100-1				COARSE DUPLICATE REJECT
41.56	44.56	3.00	3.00	100	N811411	100-1				
44.56	45.56	1.00	1.00	100	N811412	100-1				
45.56	47.17	1.61	1.61	100	N811413	100-1				
47.17	49.52	2.35	2.28	97	N811414	100-1				
49.52	50.95	1.43	1.37	95.8	N811415	100-2				
50.95	53.95	3.00	2.97	99	N811416	100-2				
53.95	56.00	2.05	2.05	100	N811417	100-2				
					N811418	100-2				1/4 DUPLICATE
56.00	57.77	1.77	1.73	97.7	N811419	100-2				
57.77	58.77	1.00	1.00	100	N811420	100-2				
58.77	61.30	2.53	2.50	98.8	N811421	100-2				
61.30	62.30	1.00	1.00	100	N811422	100-2				
62.30	63.30	1.00	0.95	95	N811423	100-2				
63.30	65.30	2.00	2.00	100	N811424	100-2				
					N811425	100-2				STD-KL-1
65.30	66.60	1.30	1.12	86.2	N811426	100-2				
66.60	67.60	1.00	1.00	100	N811427	100-2				
67.60	69.09	1.49	1.40	94	N811428	100-2				
69.09	70.40	1.31	1.27	96.9	N811429	100-2				
70.40	72.00	1.60	1.50	93.8	N811430	100-2				
					N811431	100-2				BLANK
72.00	73.00	1.00	1.00	100	N811432	100-2				
73.00	74.70	1.70	1.66	97.6	N811433	100-2				
74.70	76.27	1.57	1.45	92.4	N811434	100-2				
76.27	77.77	1.50	1.32	88	N811435	100-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
77.77	80.77	3.00	2.94	98	N811436	100-2				
					N811437	100-2				STD-KL-2
80.77	81.91	1.14	1.14	100	N811438	100-2				
81.91	83.70	1.79	1.75	97.8	N811439	100-2				
					N811440	100-2				BLANK
83.70	84.70	1.00	0.96	96	N811441	100-2				
84.70	86.70	2.00	2.00	100	N811442	100-2				
86.70	87.70	1.00	1.00	100	N811443	100-2				
87.70	90.70	3.00	2.93	97.7	N811444	100-2				
					N811445	100-2				COARSE DUPLICATE REJECT
90.70	93.70	3.00	2.98	99.3	N811446	100-2				
93.70	95.25	1.55	1.53	98.7	N811447	100-2				
95.25	96.39	1.14	1.14	100	N811448	100-2				
96.39	99.38	2.99	2.87	96	N811449	100-2				
99.38	101.38	2.00	2.00	100	N811450	100-2				
101.38	103.45	2.07	2.06	99.5	N811451	100-3				
103.45	105.40	1.95	1.95	100	N811452	100-3				
105.40	106.40	1.00	1.00	100	N811453	100-3				
106.40	108.74	2.34	2.34	100	N811454	100-3				
108.74	109.74	1.00	1.00	100	N811455	100-3				
109.74	111.53	1.79	1.72	96.1	N811456	100-3				
					N811457	100-3				1/4 DUPLICATE
111.53	112.91	1.38	1.33	96.4	N811458	100-3				
112.91	115.16	2.25	2.20	97.8	N811459	100-3				
115.16	116.16	1.00	1.00	100	N811460	100-3				
116.16	119.16	3.00	3.00	100	N811461	100-3				
119.16	121.01	1.85	1.84	99.5	N811462	100-3				
					N811463	100-3				STD-KL-2
121.01	122.40	1.39	1.39	100	N811464	100-3				
122.40	123.40	1.00	1.00	100	N811465	100-3				
123.40	125.00	1.60	1.60	100	N811466	100-3				
125.00	127.00	2.00	1.86	93	N811467	100-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811468	100-3				COARSE DUPLICATE REJECT
127.00	128.28	1.28	1.28	100	N811469	100-3				
128.28	131.28	3.00	3.00	100	N811470	100-3				
131.28	133.00	1.72	1.72	100	N811471	100-3				
133.00	135.00	2.00	2.00	100	N811472	100-3				
135.00	136.00	1.00	1.00	100	N811473	100-3				
136.00	138.80	2.80	2.79	99.6	N811474	100-3				
138.80	139.93	1.13	1.10	97.3	N811475	100-3				
					N811476	100-3				BLANK
139.93	141.33	1.40	1.40	100	N811477	100-3				
141.33	142.53	1.20	1.20	100	N811478	100-3				
142.53	144.96	2.43	2.43	100	N811479	100-3				
					N811480	100-3				STD-KL-3
144.96	146.38	1.42	1.39	97.9	N811481	100-3				
146.38	148.44	2.06	2.06	100	N811482	100-3				
148.44	150.85	2.41	2.41	100	N811483	100-3				
150.85	151.87	1.02	0.99	97.1	N811484	100-3				
					N811485	100-3				BLANK
151.87	152.87	1.00	1.00	100	N811486	100-3				
152.87	155.87	3.00	3.00	100	N811487	100-4				
155.87	158.87	3.00	3.00	100	N811488	100-4				
158.87	160.87	2.00	2.00	100	N811489	100-4				
					N811490	100-4				STD-KL-3
160.87	163.02	2.15	2.13	99.1	N811491	100-4				
163.02	164.11	1.09	1.09	100	N811492	100-4				
					N811493	100-4				BLANK
164.11	167.11	3.00	2.74	91.3	N811494	100-4				
167.11	169.77	2.66	2.52	94.7	N811495	100-4				
169.77	170.82	1.05	1.05	100	N811496	100-4				
					N811497	100-4				1/4 DUPLICATE
170.82	171.82	1.00	1.00	100	N811498	100-4				
171.82	173.96	2.14	2.14	100	N811499	100-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
173.96	174.96	1.00	1.00	100	N811500	100-4				
174.96	175.96	1.00	1.00	100	N811501	100-4				
175.96	178.92	2.96	2.92	98.6	N811502	100-4				
					N811503	100-4				STD-KL-1
178.92	180.45	1.53	1.50	98	N811504	100-4				
180.45	181.48	1.03	1.03	100	N811505	100-4				
181.48	182.65	1.17	1.14	97.4	N811506	100-4				
182.65	183.65	1.00	1.00	100	N811507	100-4				
183.65	184.98	1.33	1.33	100	N811508	100-4				
					N811509	100-4				COARSE DUPLICATE REJECT
184.98	185.98	1.00	1.00	100	N811510	100-4				
185.98	186.98	1.00	0.99	99	N811511	100-4				
186.98	188.10	1.12	1.12	100	N811512	100-4				
188.10	189.10	1.00	1.00	100	N811513	100-4				
189.10	190.11	1.01	1.00	99	N811514	100-4				
					N811515	100-4				BLANK
190.11	191.11	1.00	1.00	100	N811516	100-4				
191.11	192.11	1.00	1.00	100	N811517	100-4				
192.11	193.11	1.00	1.00	100	N811518	100-4				
193.11	195.11	2.00	1.96	98	N811519	100-4				
195.11	197.21	2.10	2.02	96.2	N811520	100-4				
197.21	199.15	1.94	1.94	100	N811521	100-4				
199.15	200.15	1.00	1.00	100	N811522	100-4				
200.15	201.15	1.00	1.00	100	N811523	100-5				
201.15	204.15	3.00	3.00	100	N811524	100-5				
204.15	206.35	2.20	2.20	100	N811525	100-5				
					N811526	100-5				STD-KL-1
206.35	207.55	1.20	1.15	95.8	N811527	100-5				
207.55	208.55	1.00	1.00	100	N811528	100-5				
208.55	209.55	1.00	1.00	100	N811529	100-5				
					N811530	100-5				BLANK
209.55	211.63	2.08	2.06	99	N811531	100-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
211.63	213.03	1.40	1.40	100	N811532	100-5				
213.03	214.87	1.84	1.84	100	N811533	100-5				
214.87	215.97	1.10	1.10	100	N811534	100-5				
215.97	217.22	1.25	1.23	98.4	N811535	100-5				
217.22	218.22	1.00	1.00	100	N811536	100-5				
218.22	220.05	1.83	1.79	97.8	N811537	100-5				
220.05	221.28	1.23	1.23	100	N811538	100-5				
221.28	223.37	2.09	2.06	98.6	N811539	100-5				
223.37	224.42	1.05	0.98	93.3	N811540	100-5				
224.42	227.00	2.58	2.58	100	N811541	100-5				
					N811542	100-5				COARSE DUPLICATE REJECT
227.00	228.00	1.00	1.00	100	N811543	100-5				
228.00	229.67	1.67	1.67	100	N811544	100-5				
					N811545	100-5				1/4 DUPLICATE
229.67	230.75	1.08	1.08	100	N811546	100-5				
230.75	233.75	3.00	2.96	98.7	N811547	100-5				
233.75	235.49	1.74	1.73	99.4	N811548	100-5				
					N811549	100-5				STD-KL-1
235.49	237.45	1.96	1.96	100	N811550	100-5				
237.45	238.45	1.00	0.97	97	N811551	100-5				
238.45	239.45	1.00	1.00	100	N811552	100-5				
					N811553	100-5				BLANK
239.45	240.51	1.06	1.06	100	N811554	100-5				
240.51	243.51	3.00	3.00	100	N811555	100-5				
243.51	245.82	2.31	2.31	100	N811556	100-5				
245.82	247.04	1.22	1.12	92	N811557	100-5				
247.04	248.04	1.00	1.00	100	N811558	100-5				
248.04	249.69	1.65	1.60	97	N811559	100-6				
249.69	251.47	1.78	1.78	100	N811560	100-6				
251.47	252.47	1.00	1.00	100	N811561	100-6				
252.47	255.47	3.00	3.00	100	N811562	100-6				
					N811563	100-6				COARSE DUPLICATE REJECT

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
255.47	258.47	3.00	2.86	95.3	N811564	100-6				
258.47	261.47	3.00	2.86	95.3	N811565	100-6				
					N811566	100-6				STD-KL-1
261.47	264.47	3.00	2.85	95	N811567	100-6				
264.47	267.38	2.91	2.92	100	N811568	100-6				
267.38	268.38	1.00	1.00	100	N811569	100-6				
					N811570	100-6				1/4 DUPLICATE
268.38	270.33	1.95	1.91	97.9	N811571	100-6				
270.33	271.33	1.00	1.00	100	N811572	100-6				
					N811573	100-6				BLANK
271.33	272.35	1.02	1.00	98	N811574	100-6				
272.35	273.35	1.00	1.00	100	N811575	100-6				
273.35	276.35	3.00	3.00	100	N811576	100-6				
					N811577	100-6				STD-KL-2
276.35	278.73	2.38	2.38	100	N811578	100-6				
278.73	279.84	1.11	1.11	100	N811579	100-6				
279.84	282.84	3.00	3.00	100	N811580	100-6				
282.84	285.84	3.00	3.00	100	N811581	100-6				
285.84	287.02	1.18	1.18	100	N811582	100-6				
287.02	288.02	1.00	0.99	99	N811583	100-6				
288.02	291.02	3.00	2.95	98.3	N811584	100-6				
291.02	292.30	1.28	1.28	100	N811585	100-6				
292.30	295.30	3.00	3.00	100	N811586	100-6				
295.30	296.63	1.33	1.27	95.5	N811587	100-6				
296.63	297.63	1.00	1.00	100	N811588	100-6				
					N811589	100-6				BLANK
297.63	298.63	1.00	1.00	100	N811590	100-6				
298.63	300.99	2.36	2.37	100	N811591	100-6				
300.99	302.12	1.13	1.10	97.3	N811592	100-6				
302.12	304.07	1.95	1.94	99.5	N811593	100-6				
304.07	305.64	1.57	1.57	100	N811594	100-6				
305.64	306.64	1.00	1.00	100	N811595	100-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
306.64	307.64	1.00	1.00	100	N811596	100-7				
307.64	309.98	2.34	2.34	100	N811597	100-7				
309.98	311.43	1.45	1.44	99.3	N811598	100-7				
311.43	313.25	1.82	1.71	94	N811599	100-7				
313.25	314.25	1.00	1.00	100	N811600	100-7				
					N811601	100-7				STD-KL-2
314.25	315.25	1.00	1.00	100	N811602	100-7				
315.25	318.25	3.00	2.96	98.7	N811603	100-7				
318.25	320.47	2.22	2.22	100	N811604	100-7				
					N811605	100-7				COARSE REJECT DUPLICATE
320.47	322.01	1.54	1.52	98.7	N811606	100-7				
322.01	323.26	1.25	1.25	100	N811607	100-7				
					N811608	100-7				BLANK
323.26	324.81	1.55	1.54	99.4	N811609	100-7				
324.81	326.38	1.57	1.57	100	N811610	100-7				
					N811611	100-7				1/4 DUPLICATE
326.38	328.17	1.79	1.74	97.2	N811612	100-7				
328.17	329.30	1.13	1.13	100	N811613	100-7				
329.30	330.50	1.20	1.20	100	N811614	100-7				
					N811615	100-7				STD-KL-1
330.50	331.61	1.11	1.10	99.1	N811616	100-7				
331.61	332.96	1.35	1.35	100	N811617	100-7				
332.96	334.10	1.14	1.14	100	N811618	100-7				
334.10	335.10	1.00	0.99	99	N811619	100-7				
					N811620	100-7				BLANK
335.10	336.65	1.55	1.55	100	N811621	100-7				
336.65	338.06	1.41	1.40	99.3	N811622	100-7				
338.06	339.35	1.29	1.28	99.2	N811623	100-7				
339.35	340.35	1.00	1.00	100	N811624	100-7				
					End of sampling DDH-12-100					

KLAZA

Hole: DDH-12-100 **Date:** August 7th, 2012

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
37.4	9.7	5.2	503.1	312.8	GRD		PHC	4	Py	<1	2.442227	2.64372	Phyllic altered granodiorite with disseminated pyrite and thin quartz-carbonate veinlets.
47.07	10.2	5.2	551	347.4	GRD		PHC	2	Py	<1	2.543635	2.706287	Weak phyllic alteration envelope surrounding smoky quartz and quartz-carbonate vein + disseminated pyrite.
62.2	9.7	5.2	529.5	334.7	GRD		PHC	3	Py	<1	2.570382	2.718172	Moderate phyllic alteration enveloping quartz-carbonate and smoky quartz vein.
81.9	10.1	5.2	561.4	360.9	GRD		PHC	4	Py	7	2.617306	2.8	Strong pyllic alteration enveoping smoky quartz and white quartz-carbonate vein hosting pyrite and chalcopyrite.
									Cp	5			
96.23	10.1	5.2	603.3	392.1	GRD		PHC	2	Py	2	2.812648	2.856534	Weak phyllic alteration enveloping pyrite bearing quartz vein.
108.9	9.4	5.2	461.8	276.6	GRD		ARG	4			2.313287	2.493521	Strong argillic alteration with trace potassic overprint.
							PHC	1					
181.28	9.7	5.2	490.1	399.8	GRD		POT	2			2.37912	5.427464	Moderately argillic altered granodiorite overprinted bu phyllic and potassic alteration.
							PHC	2					
							ARG	3					
185.5	9	5.2	514.2	333.2	GRD		PHC	4	Py	5	2.690252	2.840884	Phyllic altered granodiorite with smoky quartz and quartz-carbonate veining hosting blebby pyrite.
189.8	12.7	5.2	735.2	479.3	GRD		PHC	3	Py	10	2.72587	2.872997	Moderately phyllic altered and moderately silicified granodiorite hosting abundant disseminated pyrite + vein hosting blebby pyrite.
							SIL	3					
190.22	9.9	5.2	544.6	349.3	FEL	PO			Py	<1	2.590275	2.78853	Grey-green quartz-feldspar-porphry dyke. Near contact with granodiorite. Hosting disseminated pyrite.
206.39	9.7	5.2	513.3	318.2	FEL	PO					2.491741	2.630958	Grey quartz-feldsapr-porphry dyke.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
215.85	9.9	5.2	552	355.3	GRD		PHC	4	Py	5	2.625472	2.806304	Silicification and strong phyllic alteration enveloping quartz and quartz-carbonate vein (hosting blebby pyrite and sphalerite and trace arsenopyrite).
							SIL	3	Sp	1			
									As	<1			
230.22	9.5	5.3	525.7	338	GRD		PHC	4	Py	3	2.508261	2.800746	Silicification and strong phyllic alteration enveloping quartz and quartz-carbonate veinlets hosting disseminated and blebby pyrite + dark-apahnitic sulphides.
							SIL	3					
255.17	10	5.3	522.2	328.5	GRD						2.366984	2.695922	Fresh granodiorite.
270.65	14.6	5.3	825.1	541.2	GRD	VN	PHC	4	Py	3	2.561605	2.906305	Strongly phyllic alteration enveloping quartz and quartz-carbonate vein hosting blebby and disseminated pyrite and sphalerite.
									Sp	3			
									Gn	<1			
279.56	12	5.3	641.2	416.1	GRD	VN	PHC	4	Gn	15	2.421981	2.848512	Phyllic alteration envelopiong vein. Vein hosts semi-massive pyrite and galena + blebby pyrite.
									Py	5			
									Sp	5			
300.56	10.2	5.3	507.9	305	GRD		POT	4			2.257025	2.503204	Argillic altered granodiorite with potassic overprinting and moderate phyllic alteration enveloping quartz-carbonate/smoky-quartz vein.
							ARG	3					
							PHC	1					
314.71	10	5.3	531.6	332.1	GRD		PHC	3			2.409591	2.664662	Moderate phyllic alteration enveloping quartz-carbonate and smoky-quartz vein.
331.66	10.2	5.3	543.4	340.8	GRD		PHC	1			2.414782	2.682132	Phyllic altered granodiorite overprinted by propylitic alteration.
							PRO	3					
													EOH

KLAZA

Hole: DDH-12-100 **Tech Name: Larissa Pepper** **Date: Aug 4, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.72	5.72	2.40	42	0.19	3		1	0S	5W	
5.72	6.10	0.38	0.38	100	0.29	76		1	4S	4W	
6.10	8.23	2.13	2.90	136	1.65	77		1	1S	4W	
8.23	11.28	3.05	2.08	68	1.42	47		2	4S	4W	
11.28	14.33	3.05	2.94	96	1.50	49		2	1S	4W	
14.33	17.37	3.04	3.00	99	1.52	50		2	3S	3W	
17.37	20.42	3.05	3.02	99	1.62	53		2	0S	3W	
20.42	23.47	3.05	3.05	100	0.95	31		2	0S	3W	
23.47	26.52	3.05	2.84	93	0.84	28		1	0S	4W	
26.52	29.57	3.05	2.83	93	1.25	41		1	0S	4W	
29.57	32.61	3.04	2.97	98	1.33	44		2	3S	3W	
32.61	35.66	3.05	2.67	88	1.17	38		1	0S	4W	
35.66	38.71	3.05	2.65	87	1.50	49		1	2S	4W	
38.71	41.76	3.05	2.98	98	1.06	35		2	2S	4W	
41.76	44.81	3.05	3.04	100	1.64	54		2	4S	3W	
44.81	47.85	3.04	2.94	97	2.47	81		2	4S	3W	
47.85	50.90	3.05	2.82	92	1.42	47		2	3S	3W	
50.90	53.95	3.05	2.91	95	1.47	48		2	4S	2W	
53.95	57.00	3.05	3.05	100	2.65	87		2	3S	2W	
57.00	60.05	3.05	2.98	98	2.18	71		2	3S	2W	
60.05	63.09	3.04	3.00	99	1.15	38		1	0S	3W	
63.09	66.14	3.05	2.82	92	2.05	67		1	1S	3W	
66.14	69.19	3.05	2.89	95	1.47	48		2	3S	2W	
69.19	72.24	3.05	2.91	95	1.18	39		1	0S	3W	
72.24	75.29	3.05	2.87	94	1.43	47		1	0S	3W	
75.29	78.33	3.04	2.72	89	0.84	28		1	0S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.03	99	2.12	70		2	4S	2W	
81.38	84.43	3.05	3.05	100	2.13	70		2	1S	2W	
84.43	87.48	3.05	3.00	98	2.46	81		1	0S	2W	
87.48	90.53	3.05	3.02	99	2.82	92		2	3S	2W	
90.53	93.57	3.04	3.05	100	2.79	92		2	3S	2W	
93.57	96.62	3.05	3.05	100	2.47	81		2	4S	2W	
96.62	99.67	3.05	2.92	96	2.87	94		2	3S	2W	
99.67	102.72	3.05	3.04	100	2.14	70		2	4S	2W	
102.72	105.77	3.05	3.03	99	2.55	84		2	1S	2W	
105.77	108.81	3.04	2.98	98	2.80	92		2	1S	2W	
108.81	111.86	3.05	3.04	100	2.75	90		2	3S	2W	
111.86	114.91	3.05	3.05	100	2.40	79		2	4S	2W	
114.91	117.96	3.05	3.05	100	2.68	88		2	4S	2W	
117.96	121.01	3.05	3.05	100	2.81	92		2	3S	2W	
121.01	124.05	3.04	2.87	94	2.76	91		2	3S	2W	
124.05	127.10	3.05	2.87	94	2.76	90		2	3S	2W	
127.10	130.15	3.05	3.05	100	2.49	82		2	3S	2W	
130.15	133.20	3.05	3.04	100	1.88	62		2	3S	2W	
133.20	136.25	3.05	3.05	100	3.05	100		2	3S	2W	
136.25	139.29	3.04	2.93	96	2.64	87		2	3S	2W	
139.29	142.34	3.05	3.01	99	2.25	74		2	3S	1W	
142.34	145.39	3.05	3.03	99	2.58	85		2	3S	1W	
145.39	148.44	3.05	3.00	98	2.81	92		2	3S	2W	
148.44	151.49	3.05	3.05	100	2.95	97		2	3S	2W	
151.49	154.53	3.04	3.04	100	2.76	91		2	3S	1W	
154.53	157.58	3.05	3.05	100	2.85	93		2	4S	1W	
157.58	160.63	3.05	3.00	98	3.00	98		2	3S	1W	
160.63	163.38	2.75	3.05	111	2.16	79		2	3S	2W	
163.38	166.73	3.35	3.05	91	2.96	88		2	4S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.87	94	2.71	89		2	3S	1W	
169.77	172.82	3.05	3.05	100	3.05	100		2	3S	1W	
172.82	175.87	3.05	3.05	100	2.74	90		2	3S	1W	
175.87	178.92	3.05	3.00	98	2.93	96		2	4S	2W	
178.92	181.97	3.05	3.05	100	3.02	99		2	3S	1W	
181.97	185.01	3.04	2.95	97	2.48	82		2	3S	2W	
185.01	188.06	3.05	3.05	100	2.86	94		2	3S	2W	
188.06	191.11	3.05	3.05	100	2.65	87		2	3S	1W	
191.11	194.16	3.05	2.97	97	2.05	67		2	3S	1W	
194.16	197.21	3.05	2.90	95	2.42	79		2	3S	2W	
197.21	200.25	3.04	2.95	97	1.90	63		2	2S	1W	
200.25	203.30	3.05	3.05	100	0.87	29		2	0S	2W	
203.30	206.35	3.05	3.04	100	2.71	89		2	3S	2W	
206.35	209.40	3.05	3.05	100	2.62	86		2	3S	2W	
209.40	212.45	3.05	3.05	100	2.79	91		2	3S	2W	
212.45	215.49	3.04	3.05	100	2.79	92		2	3S	2W	
215.49	218.54	3.05	3.02	99	2.52	83		2	3S	2W	
218.54	221.59	3.05	3.05	100	2.99	98		2	3S	2W	
221.59	224.64	3.05	2.87	94	2.87	94		2	3S	2W	
224.64	227.69	3.05	3.03	99	1.96	64		1	3S	2W	
227.69	230.73	3.04	3.04	100	2.47	81		2	3S	2W	
230.73	233.78	3.05	2.77	91	2.90	95		2	3S	2W	
233.78	236.83	3.05	3.00	98	2.88	94		2	4S	2W	
236.83	239.88	3.05	3.01	99	1.93	63		1	3S	2W	
239.88	242.93	3.05	3.05	100	2.37	78		2	3S	2W	
242.93	245.97	3.04	3.01	99	2.27	75		2	3S	2W	
245.97	249.02	3.05	2.94	96	1.74	57		1	2S	2W	
249.02	252.07	3.05	3.05	100	2.74	90		2	4S	2W	
252.07	255.12	3.05	3.05	100	2.62	86		2	4S	2W	
255.12	258.17	3.05	3.02	99	2.51	82		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	2.81	92	1.22	40		2	0S	2W	
261.21	264.26	3.05	2.96	97	2.85	93		2	1S	2W	
264.26	267.31	3.05	2.95	97	2.13	70		2	3S	2W	
267.31	270.36	3.05	2.94	96	2.30	75		2	3S	2W	
270.36	273.41	3.05	3.02	99	1.45	48		2	1S	2W	
273.41	276.45	3.04	3.04	100	2.46	81		2	1S	1W	
276.45	279.51	3.06	3.03	99	2.48	81		2	4S	1W	
279.51	282.55	3.04	3.04	100	2.42	80		2	4S	1W	
282.55	285.60	3.05	2.99	98	2.46	81		2	4S	1W	
285.60	288.65	3.05	3.05	100	2.22	73		2	3S	1W	
288.65	291.69	3.04	3.02	99	2.45	81		2	4S	1W	
291.69	294.74	3.05	3.05	100	1.76	58		2	3S	1W	
294.74	297.79	3.05	2.92	96	2.35	77		2	3S	1W	
297.79	300.84	3.05	3.05	100	2.39	78		2	4S	1W	
300.84	303.89	3.05	3.05	100	2.47	81		2	3S	1W	
303.89	306.93	3.04	3.04	100	2.40	79		2	4S	1W	
306.93	309.98	3.05	3.05	100	2.47	81		2	3S	1W	
309.98	313.03	3.05	3.03	99	1.91	63		2	1S	3W	
313.03	316.08	3.05	3.03	99	2.94	96		2	4S	2W	
316.08	319.13	3.05	3.05	100	1.88	62		2	3S	1W	
319.13	322.17	3.04	3.02	99	1.35	44		2	1S	2W	
322.17	325.22	3.05	3.05	100	2.08	68		2	4S	1W	
325.22	328.27	3.05	3.02	99	2.42	79		2	3S	2W	
328.27	331.32	3.05	3.05	100	2.22	73		2	3S	1W	
331.32	334.37	3.05	3.02	99	1.55	51		2	3S	1W	
334.37	337.41	3.04	3.04	100	1.30	43		2	0S	1W	
337.41	340.46	3.05	3.05	100	2.85	93		2	3S	1W	
340.46	343.51	3.05	3.05	100	2.85	93		2	3S	1W	EOH

KLAZA

Hole: DDH-12-100 **Tech Name: Larissa Pepper** **Date: Aug 4, 2(** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.72	5.72	-	-	-	-	-	-	Casing HQ
5.72	6.10	0.38	-	-	-	-	-	-	Casing NQ
6.10	8.23	2.13	60.00	0.12	0.00	1.00	2R	3W	
8.23	11.28	3.05	80.00	0.27	0.00	1.00	2R	3W	
11.28	14.33	3.05	30.00	2.47		1.00	2R	3W	Additional joint sets: 75,0.17,0,1,2R,3W
14.33	17.37	3.04	40.00	0.14	0.00	2.00	3R	2W	
17.37	20.42	3.05	35.00	0.84	20.00	2.00	2R	3W	
20.42	23.47	3.05	-	-	-	-	-	-	
23.47	26.52	3.05	-	-	-	-	-	-	
26.52	29.57	3.05	70.00	0.71	0.00	1.00	2R	W	
29.57	32.61	3.04	70.00	1.40	0.00	1.00	2R	2W	
32.61	35.66	3.05	-	-	-	-	-	-	
35.66	38.71	3.05	70.00	0.12	0.00	1.00	3R	2W	
38.71	41.76	3.05	-	-	-	-	-	-	
41.76	44.81	3.05	60.00	1.63	0.00	1.00	2R	2W	
44.81	47.85	3.04	70.00	0.80	0.00	1.00	2R	2W	
47.85	50.90	3.05	40.00	1.50	0.00	1.00	2R	2W	
50.90	53.95	3.05	60.00	0.95	0.00	1.00	2R	2W	
53.95	57.00	3.05	60.00	0.15	0.00	2.00	3R	2W	Additional joint sets: 40,0.80,0,2,3R,2W
57.00	60.05	3.05	70.00	0.10	0.00	2.00	2R	2W	
60.05	63.09	3.04	55.00	0.08	0.00	2.00	2R	2W	
63.09	66.14	3.05	70.00	0.10	0.00	2.00	2R	2W	
66.14	69.19	3.05	30.00	0.05	4.00	2.00	2R	3W	
69.19	72.24	3.05	60.00	0.20	0.00	2.00	2R	2W	Heavily GO'd
72.24	75.29	3.05	50.00	0.15	0.00	2.00	2R	2W	
75.29	78.33	3.04	-	-	-	-	-	-	Rubbly
78.33	81.38	3.05	45.00	0.60	0.00	2.00	2R	2W	Additional joint sets: 70,0.10,0,2,2R,2W
81.38	84.43	3.05	60.00	0.10	1.00	3.00	3R	3W	Gouge and Faults
84.43	87.48	3.05	50.00	0.10	0.00	2.00	2R	2W	Additional joint sets: 30,0.60,0,2,3R,2W
87.48	90.53	3.05	50.00	0.15	0.00	2.00	2R	2W	Additional joint sets: 30,0.60,0,2,3R,2W
90.53	93.57	3.04	45.00	0.20	0.00	2.00	2R	2W	
93.57	96.62	3.05	80.00	0.30	0.00	3.00	3R	2W	Additional joint sets: 30,0.40,0,2,3R,1W

KLAZA

96.62	99.67	3.05	40.00	0.10	0.00	2.00	2R	2W	
99.67	102.72	3.05	70.00	0.20	0.00	3.00	3R	2W	Additional joint sets: 30,0.8,0,2,2R,2W
102.72	105.77	3.05	70.00	0.15	0.00	2.00	2R	2W	Additional joint sets: 30,0.2,2,3,3R,3W
105.77	108.81	3.04	60.00	0.15	0.00	2.00	2R	2W	
108.81	111.86	3.05	40.00	0.30	0.00	2.00	3R	2W	
111.86	114.91	3.05	70.00	0.40	0.00	2.00	3R	2W	Additional joint sets: 35,0.1,1,2,2R,2W
114.91	117.96	3.05	50.00	0.05	0.00	2.00	2R	2W	
117.96	121.01	3.05	50.00	0.05	0.00	2.00	2R	2W	Additional joint sets: 90,0.03,0,3,3R,2W
121.01	124.05	3.04	70.00	1.00	0.00	2.00	2R	2W	
124.05	127.10	3.05	70.00	1.00	0.00	1.00	2R	2W	
127.10	130.15	3.05	60.00	2.00	0.00	1.00	2R	2W	
130.15	133.20	3.05	70.00	2.00	0.00	1.00	2R	2W	
133.20	136.25	3.05	70.00	2.00	0.00	2.00	2R	2W	
136.25	139.29	3.04	70.00	2.00	0.00	2.00	2R	2W	
139.29	142.34	3.05	45.00	2.00	0.00	1.00	2R	1W	Additional joint sets: 70,2.00,0,1,2R,1W
142.34	145.39	3.05	45.00	2.00	0.00	2.00	2R	1W	Additional joint sets: 70,1.00,0,2,2R,1W
145.39	148.44	3.05	70.00	2.00	0.00	1.00	2R	2W	
148.44	151.49	3.05	70.00	2.00	0.00	1.00	2R	2W	
151.49	154.53	3.04	70.00	2.00	0.00	1.00	2R	1W	
154.53	157.58	3.05	45.00	2.00	0.00	1.00	2R	1W	Additional joint sets: 70,1.00,0,1,2R,1W
157.58	160.63	3.05	70.00	2.00	0.00	1.00	2R	1W	
160.63	163.38	2.75	70.00	2.00	0.00	2.00	2R	2W	
163.38	166.73	3.35	70.00	2.00	0.00	2.00	2R	2W	
166.73	169.77	3.04	70.00	2.00	0.00	2.00	2R	1W	
169.77	172.82	3.05	70.00	2.00	0.00	2.00	2R	1W	
172.82	175.87	3.05	70.00	2.00	0.00	2.00	2R	1W	Additional joint sets: 45,1.00,0,1,2R,1W
175.87	178.92	3.05	70.00	2.00	0.00	2.00	2R	2W	
178.92	181.97	3.05	70.00	2.00	0.00	2.00	2R	1W	
181.97	185.01	3.04	70.00	2.00	0.00	2.00	2R	2W	Additional joint sets: 45,2.00,0,1,2R,2W
185.01	188.06	3.05	70.00	2.00	0.00	2.00	2R	2W	
188.06	191.11	3.05	70.00	2.00	0.00	2.00	2R	1W	Additional joint sets: 45,1.00,0,1,2R,1W
191.11	194.16	3.05	70.00	2.00	0.00	1.00	2R	1W	
194.16	197.21	3.05	45.00	2.00	0.00	2.00	2R	2W	
197.21	200.25	3.04	70.00	2.00	0.00	1.00	2R	1W	
200.25	203.30	3.05	70.00	2.00	0.00	1.00	2R	2W	
203.30	206.35	3.05	70.00	2.00	0.00	2.00	2R	2W	
206.35	209.40	3.05	50.00	0.15	0.00	2.00	2R	2W	
209.40	212.45	3.05	45.00	0.30	0.00	2.00	2R	2W	
212.45	215.49	3.04	45.00	0.20	0.00	2.00	3R	2W	
215.49	218.54	3.05	30.00	0.06	0.00	2.00	2R	3W	Additional joint sets: 60,0.05,0,2,2R,2W

KLAZA

218.54	221.59	3.05	50.00	0.45	0.00	2.00	3R	2W	
221.59	224.64	3.05	30.00	0.70	0.00	2.00	2R	2W	
224.64	227.69	3.05	55.00	0.08	0.00	2.00	2R	2W	
227.69	230.73	3.04	2.00	1.00	0.00	3.00	3R	2W	Additional joint sets: 60,0.1,0,2,2R,2W
230.73	233.78	3.05	30.00	0.20	0.00	2.00	2R	2W	
233.78	236.83	3.05	45.00	0.05	0.00	2.00	2R	2W	
236.83	239.88	3.05	20.00	0.30	0.00	2.00	3R	2W	
239.88	242.93	3.05	70.00	0.20	0.00	3.00	3R	2W	
242.93	245.97	3.04	40.00	0.15	0.00	2.00	3R	2W	
245.97	249.02	3.05	20.00	0.05	3.00	2.00	3R	3W	Additional joint sets: 65,0.05,0,2,2R,2W
249.02	252.07	3.05	55.00	0.08	1.00	2.00	2R	3W	
252.07	255.12	3.05	70.00	0.07	0.00	2.00	3R	2W	
255.12	258.17	3.05	45.00	0.70	0.00	2.00	2R	1W	
258.17	261.21	3.04	-	-	-	-	-	-	
261.21	264.26	3.05	35.00	0.80	30.00	2.00	3R	2W	
264.26	267.31	3.05	-	-	-	-	-	-	
267.31	270.36	3.05	20.00	0.10	2.00	2.00	3R	2W	
270.36	273.41	3.05	20.00	0.40	2.00	2.00	3R	2W	
273.41	276.45	3.04	25.00	0.55	30.00	2.00	3R	1W	
276.45	279.51	3.06	-	-	-	-	-	-	Very competent
279.51	282.55	3.04	-	-	-	-	-	-	Very competent
282.55	285.60	3.05	35.00	0.35	1.00	2.00	3R	1W	
285.60	288.65	3.05	-	-	-	-	-	-	Very competent
288.65	291.69	3.04	-	-	-	-	-	-	Very competent
291.69	294.74	3.05	-	-	-	-	-	-	Very competent
294.74	297.79	3.05	-	-	-	-	-	-	Very competent
297.79	300.84	3.05	45.00	0.10	0.00	2.00	3R	1W	
300.84	303.89	3.05	-	-	-	-	-	-	Very competent
303.89	306.93	3.04	20.00	0.20	20.00	2.00	3R	2W	
306.93	309.98	3.05	-	-	-	-	-	-	Very compent
309.98	313.03	3.05	35.00	0.07	4.00	2.00	3R	2W	
313.03	316.08	3.05	60.00	0.40	1.00	2.00	2R	2W	
316.08	319.13	3.05	45.00	0.30	10.00	2.00	3R	2W	
319.13	322.17	3.04	80.00	0.20	0.00	3.00	3R	2W	
322.17	325.22	3.05	65.00	0.30	0.00	2.00	3R	1W	
325.22	328.27	3.05	40.00	0.60	0.00	2.00	2R	2W	
328.27	331.32	3.05	75.00	0.20	0.00	2.00	3R	1W	
331.32	334.37	3.05	65.00	0.20	0.00	2.00	3R	1W	
334.37	337.41	3.04	70.00	0.40	0.00	2.00	3R	3W	
337.41	340.46	3.05	-	-		-	-	-	Very competent
340.46	343.51	3.05	-	-		-	-	-	Very competent
									EOH

KLAZA

Hole: DDH-12-100 **Date: Aug 4, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	casing
2.00	n/a	casing
3.00	n/a	casing
4.00	n/a	casing
5.00	n/a	casing
6.00	n/a	casing
7.00	3.01	
8.00	3.40	
9.00	0.43	
10.00	17.50	
11.00	17.00	
12.00	16.00	
13.00	0.32	
14.00	7.74	
15.00	4.04	
16.00	0.34	
17.00	11.40	
18.00	10.20	
19.00	0.29	
20.00	5.49	
21.00	1.31	
22.00	11.60	
23.00	10.50	
24.00	0.29	
25.00	15.60	
26.00	8.07	
27.00	0.45	
28.00	0.27	
29.00	0.38	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.25	
31.00	14.30	
32.00	2.96	
33.00	1.04	
34.00	0.36	
35.00	0.25	
36.00	0.32	
37.00	0.73	
38.00	0.23	
39.00	0.23	
40.00	0.20	
41.00	5.06	
42.00	16.30	
43.00	20.60	
44.00	15.60	
45.00	17.40	
46.00	2.30	
47.00	17.90	
48.00	14.40	
49.00	15.00	
50.00	21.40	
51.00	0.73	
52.00	19.30	
53.00	17.10	
54.00	21.70	
55.00	12.20	
56.00	18.10	
57.00	0.69	
58.00	6.42	
59.00	7.85	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	15.30	
61.00	18.20	
62.00	0.10	
63.00	5.21	
64.00	21.20	
65.00	14.10	
66.00	0.31	
67.00	0.25	
68.00	0.27	
69.00	0.14	
70.00	0.29	
71.00	0.23	
72.00	0.25	
73.00	0.60	
74.00	0.23	
75.00	0.18	
76.00	0.29	
77.00	0.42	
78.00	10.20	
79.00	12.70	
80.00	11.20	
81.00	22.20	
82.00	0.56	
83.00	0.42	
84.00	0.64	
85.00	1.31	
86.00	15.70	
87.00	19.60	
88.00	22.30	
89.00	8.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	20.80	
91.00	17.30	
92.00	6.60	
93.00	17.00	
94.00	23.30	
95.00	10.00	
96.00	4.11	
97.00	13.40	
98.00	21.50	
99.00	24.80	
100.00	15.30	
101.00	7.96	
102.00	6.29	
103.00	12.30	
104.00	10.70	
105.00	7.55	
106.00	0.51	
107.00	15.90	
108.00	20.00	
109.00	0.25	
110.00	7.92	
111.00	14.30	
112.00	3.12	
113.00	17.20	
114.00	2.08	
115.00	13.90	
116.00	0.53	
117.00	14.10	
118.00	7.77	
119.00	0.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	22.90	
121.00	21.90	
122.00	14.40	
123.00	0.53	
124.00	11.50	
125.00	20.30	
126.00	0.69	
127.00	0.29	
128.00	17.80	
129.00	18.80	
130.00	18.90	
131.00	10.80	
132.00	17.00	
133.00	18.70	
134.00	16.10	
135.00	15.70	
136.00	20.20	
137.00	18.60	
138.00	17.40	
139.00	0.40	
140.00	0.96	
141.00	0.36	
142.00	0.82	
143.00	13.30	
144.00	16.40	
145.00	0.69	
146.00	20.90	
147.00	12.00	
148.00	17.40	
149.00	16.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	6.25	
151.00	1.48	
152.00	9.93	
153.00	21.10	
154.00	18.40	
155.00	17.30	
156.00	18.80	
157.00	16.30	
158.00	13.00	
159.00	18.70	
160.00	18.00	
161.00	16.80	
162.00	12.60	
163.00	0.58	
164.00	1.39	
165.00	19.40	
166.00	16.90	
167.00	17.70	
168.00	16.30	
169.00	18.00	
170.00	19.60	
171.00	1.17	
172.00	18.90	
173.00	12.20	
174.00	1.75	
175.00	5.47	
176.00	2.04	
177.00	16.90	
178.00	5.83	
179.00	15.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	17.60	
181.00	0.80	
182.00	0.34	
183.00	0.84	
184.00	13.70	
185.00	2.83	
186.00	0.89	
187.00	0.23	
188.00	0.27	
189.00	0.82	
190.00	0.14	
191.00	1.20	
192.00	1.13	
193.00	0.51	
194.00	0.32	
195.00	0.56	
196.00	0.47	
197.00	0.58	
198.00	0.56	
199.00	1.28	
200.00	0.34	
201.00	3.01	
202.00	0.75	
203.00	0.58	
204.00	0.36	
205.00	0.73	
206.00	0.29	
207.00	0.20	Fel Dyke
208.00	0.65	
209.00	0.47	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	10.10	
211.00	8.69	
212.00	0.29	
213.00	0.38	
214.00	4.62	
215.00	0.40	
216.00	0.40	
217.00	11.50	
218.00	17.60	
219.00	9.79	
220.00	0.16	
221.00	19.50	
222.00	3.23	
223.00	0.34	
224.00	0.87	
225.00	0.91	
226.00	18.60	
227.00	15.50	
228.00	7.72	
229.00	13.50	
230.00	7.33	
231.00	18.00	
232.00	10.00	
233.00	16.60	
234.00	0.49	
235.00	13.90	
236.00	2.25	
237.00	2.89	
238.00	0.29	
239.00	3.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.23	
241.00	13.70	
242.00	17.80	
243.00	18.30	
244.00	22.40	
245.00	9.57	
246.00	1.40	
247.00	0.64	
248.00	3.51	
249.00	0.20	
250.00	4.15	
251.00	7.61	
252.00	0.76	
253.00	22.70	
254.00	13.00	
255.00	19.60	
256.00	18.20	
257.00	13.10	
258.00	7.94	
259.00	21.10	
260.00	15.00	
261.00	16.90	
262.00	18.20	
263.00	16.10	
264.00	20.70	
265.00	14.30	
266.00	0.56	
267.00	15.70	
268.00	16.80	
269.00	7.68	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.60	
271.00	0.29	
272.00	0.62	
273.00	3.07	
274.00	16.00	
275.00	12.90	
276.00	18.50	
277.00	16.60	
278.00	14.30	
279.00	0.47	
280.00	0.84	
281.00	16.60	
282.00	13.90	
283.00	8.67	
284.00	3.60	
285.00	19.10	
286.00	21.10	
287.00	15.50	
288.00	2.47	
289.00	24.10	
290.00	11.80	
291.00	15.90	
292.00	1.44	
293.00	14.20	
294.00	9.97	
295.00	9.95	
296.00	18.90	
297.00	0.47	
298.00	0.49	
299.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.38	
301.00	0.27	
302.00	0.54	
303.00	3.86	
304.00	0.31	
305.00	2.45	
306.00	0.62	
307.00	5.54	
308.00	16.90	
309.00	12.50	
310.00	12.90	
311.00	16.10	
312.00	0.49	
313.00	4.15	
314.00	20.00	
315.00	0.36	
316.00	13.30	
317.00	0.58	
318.00	18.50	
319.00	18.80	
320.00	15.80	
321.00	11.00	
322.00	0.29	
323.00	0.43	
324.00	0.96	
325.00	6.33	
326.00	1.62	
327.00	0.60	
328.00	0.25	
329.00	0.65	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	6.03	
331.00	0.58	
332.00	2.48	
333.00	1.44	
334.00	1.07	
335.00	0.27	
336.00	0.51	
337.00	5.63	
338.00	2.25	
339.00	5.63	
340.00	21.40	
341.00	7.70	
342.00	21.20	
343.00	28.20	EOH

KLAZA

Hole: **DDH-12-100** **Date: Aug 4, 2012**

Box #	From (m)	To (m)
1	0.00	6.96
2	6.96	12.34
3	12.34	17.61
4	17.61	23.19
5	23.19	28.00
6	28.00	33.28
7	33.28	38.71
8	38.71	43.67
9	43.67	49.12
10	49.12	54.64
11	54.64	60.26
12	60.26	66.03
13	66.03	71.79
14	71.79	77.31
15	77.31	82.69
16	82.69	88.41
17	88.41	94.42
18	94.42	100.31
19	100.31	106.10
20	106.10	111.86
21	111.86	117.72
22	117.72	123.45
23	123.45	129.28
24	129.28	134.72
25	134.72	140.25
26	140.25	145.75
27	145.75	151.23
28	151.23	156.90
29	156.90	162.08

KLAZA

30	162.08	167.84
31	167.84	173.68
32	173.68	179.23
33	179.23	184.90
34	184.90	190.49
35	190.49	195.93
36	195.93	201.40
37	201.40	206.72
38	206.72	212.28
39	212.28	217.98
40	217.98	223.63
41	223.63	229.27
42	229.27	235.10
43	235.10	240.67
44	240.67	246.38
45	246.38	252.01
46	252.01	257.67
47	257.67	263.21
48	263.21	268.69
49	268.69	274.36
50	274.36	279.95
51	279.95	285.50
52	285.50	291.57
53	291.57	297.23
54	297.23	302.47
55	302.47	308.10
56	308.10	313.77
57	313.77	319.54
58	319.54	325.22
59	325.22	331.11
60	331.11	336.77
61	336.77	342.53
62	342.53	343.51
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Dickson Extension			381267.55	6889705.3	1271.943	253.83

SECTION:

HOLE: DDH-12-101

CLAIM: YA93471

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 9-12, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	16.35	16.35	GRD	Oxidized GRD.
16.35	33.33	16.98	GRD	GRD with alternating/patchy PHC and PRO.
33.33	44.45	11.12	FEL	Quartz-feldspar-porphry dyke.
44.45	45.50	1.05	GRD	Dickson extension zone. Dark grey-green GRD with
				mineralization of black magnetic mineral.
45.50	72.93	27.43	GRD	GRD with PRO and PHC alteration
72.93	76.01		FEL	Quartz-feldspar-porphry dyke.
76.01	90.89		GRD	PRO and PHC altered GRD.
90.89	108.02		GRD	Heavily faulted GRD. Abundant clay altered fault
				gouge. PHC, PRO and ARG alterations.
108.02	180.48		GRD	Alternating PHC and PRO altered GRD. PHC
				enveloping veins within PRO alt zones.
180.48	199.53		GRD	PHC altered GRD.
199.53	255.81		GRD	PRO and PHC altered GRD.
255.81	258.41			Unaltered GRD
				EOH

SAMPLES

Numbers: N811625 - N811819

Total: 195

Batch: 101-1 to 101-6

Date Sent:

Certificate:

COMMENTS

EOH @ 253.83 m

KLAZA

Hole: DDH-12-101 **Logger Name:** Nicole Marsh **Date: Aug 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	4.57	4.57					OVB														Overburden.
4.57	8.57	4.00				mKgW	GRD	MG	LT	GY	RU	3.00		ARG	1.00						Fragmented and oxidized granodiorite with patch of friable argillic altered core. Some limonite staining on fractures but dominantly on fractures.
										OR											
8.57	16.35	7.78				mKgW	GRD	MG	MD	OR	MO	3.00	2.00	ARG	1.00						Heavily oxidized granodiorite. Limonite staining on all but a short interval core. Patches of mottled and silicified core with weaker argillic altered patches. Zones of rubble and fragmentation.
											RU										
16.35	29.97	13.62				mKgW	GRD	MG	MD	GY	PA	2.00		ARG	1.00						Alternating weakly propylitic altered granodiorite with staining restricted to fractures, phyllic altered granodiorite with patchy limonite staining and argillic altered friable core. Zones of rubble and fragmentation.
									MD	OR				PHC	2.00						
									MD	GN				PRO	1.00						
29.97	31.21	1.24				mKgW	GRD	MG	LT	WH				POT	4.00						Moderately argillic altered granodiorite with strong potassic overprinting.
									LT	PK				ARG	3.00						
31.21	33.33	2.12				mKgW	GRD	MG	LT	PK			3.00	PHC	3.00						Pink silicified/bleached granodiorite grading into green, silicified granodiorite (phyllic altered).
									MD	GN											
33.33	44.45	11.12				LKqP	FEL	FG	LT	PK	PO	3.00		POT	4.00						Quartz-feldspar-porphyry dyke. Pink with some grey patches.
44.45	45.50	1.05				mKgW	GRD	MG	DK	GY						2.00		Py	2.00		Dark grey-green granodiorite with approximately 15cm of mineralization of black-
																		Gn	1.00		
																		Sp	<1		
45.50	61.72	16.22				mKgW	GRD	MG	MD	GY		2.00		PRO	1.00						Weakly propylitic altered granodiorite with trace argillic and phyllic alteration. Limonite staining on many fractures. Localized hematite staining on fractures (heavy hematite at 54.90m).
										GN											
61.72	67.39	5.67				mKgW	GRD	MG	LT	GN		1.00		PHC	2.00						Broken/fragmented and altered granodiorite. Bleached appearance for much of core. Phyllic, potassic and argillic alterations. Some friable patches. Minor hematite staining on localized fractures.
														POT	1.00						
														ARG	1.00						
67.39	72.93	5.54				mKgW	GRD	MG	LT	GY	PA			PHC	3.00						Patchy, altered granodiorite. More competent than previous interval. Moderate to strong phyllic, fresher/weak propylitic, trace argillic and trace potassic alteration. Overall light green (slightly bleached) colouration with some grey-green (fresh) colours. Fault gouge within interval. Patch of abundant brassy, fine pyrite at 71.30m-71.33m (30% pyrite).
														PRO	2.00						
														ARG	1.00						
														POT	1.00						
72.73	76.10	3.37				LKqP	FEL	FG	LT	GN	PO										Light green, porphyritic quartz-feldspar-porphyry dyke. Small fault zones throughout (1-3cm). Phenocrysts stained light green.
76.10	78.20	2.10				mKgW	GRD	MG	LT	GN	FR			PHC	3.00						Highly fragmented and altered granodiorite. Fault gouge at contact with dyke. Bleached, green granodiorite (relict granodiorite textures hardly visible).
78.20	79.70	1.50				mKgW	GRD	MG	MD	GY	FR										Broken granodirorite. Weakly proplyllic altered with trace potassic alteration.
79.70	80.60	0.90				mKgW	GRD	MG	LT	WH											Extremely altered fault gouge.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
80.60	83.33	2.73				mKgW	GRD	MG	LT	GN											Phyllic altered granodiorite. Patches of weak and friable core. Quartz-carbonate veins throughout, small patches of strong potassic alteration. 18cm interval of dark-purple/dark-green chlorite and hematite rich core (hard and fragmented).
83.33	88.28	4.95				mKgW	GRD	MG	MD	GY				PHC	1.00						Weakly propylitic altered granodiorite with small phyllic altered vein and veinlets. Small, localized patches of friable core. Heavy chlorite on some fractures and localized hematite. Trace potassic alteration.
														PRO	2.00						
														POT	1.00						
88.28	90.89	2.61				mKgW	GRD	MG	LT	GN				PHC	3.00						Phyllic altered granodiorite with patchy (weak to moderate) argillic alteration + patch of strong potassic alteration. Faults and veining described in secondary structures log.
														ARG	2.00						
														POT	1.00						
90.89	96.22	5.33				mKgW	GRD	MG	LT	GN				PHC	3.00						Light green, clay altered fault gouge with short intervals of competent rocks. Fragments of rock (phyllic altered granodiorite) with localized bands of grey sulphide gouge.
96.22	97.00	0.78				mKgW	GRD	MG	DK	GY				PRO	1.00						Medium to dark grey clay altered fault gouge (slight green tint).
														ARG	2.00						
97.00	101.98	4.98				mKgW	GRD	MG	MD	GY				PRO	1.00						Medium-grey fault gouge with short intervals of weakly argillic altered granodiorite. Salt and pepper colouration. Abundant chlorite replacement of hornblendes.
														ARG	3.00						
101.98	106.30	4.32				mKgW	GRD	MG	MD	GY				ARG	3.00						Salt and pepper coloured, very weak granodiorite. Abundant chlorite replacement of hornblendes, Some fault gouge (same as previous description).
														PRO	1.00						
106.30	108.62					mKgW	GRD	MG	DK	GY											Medium dark-grey gault gouge with light green tinge.
108.62	117.13	8.51				mKgW	GRD	MG	LT	GN	MO			PHC	3.00	<1					Mottled, phyllic altered granodiorite with patchy potassic overprint. Highly fragmented for much of interval. Veining and sulphide mineralization described in secondary structures log.
									LT	PK				POT	2.00						
117.13	137.58	20.45				mKgW	GRD	MG	MD	GY				PRO	2.00						Weakly propylitic altered granodiorite with localized hematite on fractures (such as 17.96m) and staining on surfaces. Blue-green tint to core (abundant chlorite) with patches of light green phyllic alteration enveloping quartz and quartz-carbonate veins and veinlets. Few patches of argillic alteration. Trace potassic alteration.
										GN				PHC	1.00						
														POT	1.00						
			124.76	127.69	2.93	mKgW	GRD	MG	LT	GN	PA			PHC	3.00						Patchy granodiorite. Patchy/alternating alterations of light green (weak or moderate) phyllic and (weak to moderate) propylitic alteration. Trace potassic alteration. Quartz and quartz-carbonate veining within phyllic alteration.
									MD	GY				PRO	2.00						
			130.63	135.00	4.37	mKgW	GRD	MG	LT	GN				PHC	2.00	<1		Gn	<1		Weak to moderately phyllic altered granodiorite. Fault zones and quartz-carbonate veining throughout. Light to medium green. Some crustiform textures present and pyrite mineralization.
														PRO	2.00						
137.58	138.08	0.50				mKgW	GRD	MG	LT	GN	MO			POT	2.00						Mottled coloured granodiorite surrounding 2 aplite dykes (with crystals up to 2mm). Aplite dykes are medium pink. Faulting and abundant chlorite within interval.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
						mKgW	GRD	MG	MD	PK											
138.08	180.48	42.40				mKgW	GRD	MG	LT	GN	MO			PHC	2.00	<1		Gn	<1		Granodiorite with patchy alterations, Alternating medium-grey-green weakly propylitic altered granodiorite, mottled pink-green phyllic (weak to moderate). Patches friable core and small fault zones (see secondary structures). Patches and bands of potassic overprinting (weak to strong).
														PRO	2.00						
														POT	2.00						
			159.54	163.85	4.31	mKgW	GRD	MG	LT	GN				PHC	3.00						Moderately phyllic altered granodiorite with few short intervals of fresh/weakly propylitic altered granodiorite. Quartz-carbonate veining throughout. Light to medium-green colour. Patches of friable rock. Fault gouge zones described in secondary structures log.
														PRO	1.00						
			171.20	173.94	2.74	mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Moderately phyllic altered granodiorite with patches of friable core and developing fault zones. Carbonate, quartz and quartz-carbonate veining present (see secondary structure log).
			176.40	179.42	3.02	mKgW	GRD	MG	LT	GN	PA			PHC	3.00	<1					Phyllic and argillic altered (with potassic overprinting) granodiorite. Moderate phyllic alteration bordering weak argillic with strong potassic overprinting. Quartz and quartz-carbonate veining through phyllic alteration.
									MD	PK				POT	4.00						
														ARG	2.00						
180.48	190.45	9.97				mKgW	GRD	MG	LT	GN				PHC	3.00						Phyllic altered, light green and medium green granodiorite. Developing faults with clay alteration and localized clay altered fault gouge. Quartz-carbonate stringers and veinlets throughout.
									MD	GN											
190.45	199.53	9.08				mKgW	GRD	MG	LT	GN				POT	2.00						Light green, weak to strong phyllic altered granodiorite with trace argillic alteration and minor patchy hematite staining. Light green with mottled pink colouration.
									LT	PK				ARG	2.00						
														PHC	3.00						
199.53	203.41	3.88				mKgW	GRD	MG	LT	GN	PA			PHC	3.00						Patchy, altered granodiorite. Weak propylitic, moderately argillic (with moderate to strong patchy potassic overprint) to (moderate to strong) phyllic alteration. Localized moderate to strong potassic overprinting phyllic. Propylitic alteration is blue-green colour (chlorite rich). Many fractures exhibit heavy chloritization.
									LT	PK				POT	3.00						
														ARG	3.00						
														PRO	2.00						
203.41	211.75					mKgW	GRD	MG	LT	GY				PHC	3.00						Patchy altered granodiorite. Colours of pink, light green and medium grey green. Alteration argillic (with potassic overprinting) and fresher (weak proplylitic) granodiorite. Weak moderate argillic to weak moderate phyllic and proplylitic (phyllic is mottled pink colour)
									MD	GN				PRO	2.00						
									LT	PK				ARG	2.00						
														POT	3.00						
211.75	214.39	2.64				mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Moderate phyllic altered granodiorite. Light to medium green colour. Quartz and quart-carbonate veining present with localized pyrite mineralization. Localized friable zones and developing fault zones (see secondary structures log).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
214.39	241.92	27.53				mKgW	GRD	MG	MD	GY				PRO	2.00						Patchy, altered granodiorite. Majority is weak propylitic alteration with patches of (weak to moderate) phyllic alteration. Patchy potassic overprinting over phyllic alteration. Carbonate stringers throughout. Small phyllic enveloped around quartz and quartz-carbonate veinlets. Localized hematite staining on surfaces and fractures.
										GN				PHC	2.00						
									LT	PK				POT	3.00						
									LT	GN											
			221.84	223.84	2.00	mKgW	GRD	MG	MD	PK	PA			PHC	3.00						Medium pink phyllic altered granodiorite with strong potassic overprinting with patches of blue-green propylitic altered granodiorite. Small patch of argillic alteration. He and chlorite stringers. Some netted dark-purple hematite stringers. Overall mottled pink green colour.
											MO			POT	4.00						
														ARG	1.00						
														PRO	1.00						
			227.53	234.24	6.71	mKgW	GRD	MG	LT	GN			3.00	PHC	3.00						Light to medium green, weak to moderate phyllic altered granodiorite. Few patches of blue-green altered granodiorite. Carbonate veinlets and chlorite stringers present. Small fault zones and friable described ins secondary structures log. From 229.68 to 230.10: vuggy grey quartz, blotchy quartz and quartz-carbonate with heavy silicification hosting blebby pyrite (strong phyllic alteration).
			235.14	238.30	3.16	mKgW	GRD	MG	LT	GN	PA			POT	3.00						Patchy, altered granodiorite. Moderate phyllic altered granodiorite with patchy weak to moderate potassic overprinting. Quartz-carbonate stringers throughout.
														PHC	3.00						
241.92	253.83	11.91				mKgW	GRD	MG	MD	GY				PRO	2.00						Unaltered granodiorite.
										GN				PHC	1.00						
										BL											
																					EOH

KLAZA

Hole: DDH-12-101 Logger Name: Nicole Marsh

Depth (m)		DESCRIPTION
33.33		Granodiorite hangingwall, quartz-feldsapr-porphry dyke footwall. Fault gouge at contact and vein hosting blebby galeba proximal to contact (Hangingwall). Disseminated pyrite within hangingwall. Abrupt contact.
44.45		Quartz-feldspar-porphry dyke hangingwall, granodiorite hangingwall. Fault gouge at contact (orientated 30 degrees tca), then fragmented dark-grey granodiorite hosting pyrite stringers. Abrupt contact.
72.73		Granodiorite hangingwall, quartz-feldspar-porphry dyke footwall. Abrupt contact with ~2cm of fault gouge at contact.
76.01		Quartz-feldspar-porphry dyke hangingwall, granodiorite footwall. Mint green granodiorite fault gouge at contact (60 degrees tca). Abrupt contact. Granodiorite is bleached after gouge.
		EOH

KLAZA

Hole: DDH-12-101 **Logger Name:** Nicole Marsh **Date:** AUG 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	13.63	21.75				4.00			Carbonate and quartz veinlets up to 1cm. Orientated 70, 60, 55 and 70 degrees to-core-axis.	
VN	24.28	24.54		40.00		1.00	Sp	20.00	Banded vein. Dark-grey-vitreous quartz, red hematite, Vuggy quartz carbonate, band of netted quartz-carbonate and band of green breccia vein. Stringers also present. 21.3cm in width. Vein hosting blebby and disseminated pyrite, disseminated arsenopyrite, disseminated galena, and sphalerite.	
							Py	15.00		
							Gn	1.00		
							As	1.00		
VN	33.27	33.33	0.06	50.00			Gn	1.00	Dark-grey vein (aphanitic black sulphides hosted in quartz?) + quartz carbonate. Black band hosting semi-massive galena. 2.6cm in width.	
FT	33.34	33.60	0.26	65.00					Clay altered fault gouge. Light grey colour. 27cm in width. Moderately developed.	
VT	34.96	35.00	0.04	60.00					6cm pink-carbonate veinlet.	
FT	44.11	44.23	0.12	55.00					Highly clay altered fault gouge. Approximately 8cm in width. White colour.	
FT	44.40	44.51	0.11	30.00					8cm highly clay altered fault gouge at 30 degrees to-core-axis.	
ST	44.51	44.81	0.30			4.00	Py	<1	Pyrite stringers and disseminated pyrite.	
VT	44.81	45.13	0.32	55.00		2.00	Py	7.00	Milky quartz and white quartz-carbonate vein hosting dark-aphanitic and blebby to semi-massive sulphides (pyrite, galena, sphalerite). Fragmented interval (1 larger or two smaller veins) 1 vein at least 15cm in with, the other 10cm. 2cm of dark-grey fault gouge in center of interval (at 55 degrees to-core-axis).	
							Gn	3.00		
							Sp	2.00		
BX	45.13	45.22	0.09	60.00		1.00			Slightly brecciated or recrystallized mafic, black magnetic mineral. Zone is hosting blebby pyrite and galena + minor hematite. Zone orientated 60 degrees to-core-axis. 8cm in width.	
VT	46.62	46.71	0.09	35.00					Blue and white quartz and quartz-carbonate veinlet hosting blebby pyrite and disseminated pyrite within alteration halo. Approximately 8mm in width. Orientated 35 degrees to-core-axis.	
VN	47.33	47.63	0.30	60.00		2.00	Py	<1	1.5cm vein and 2 (approximately 4mm) veinlets. Blue and white quartz and quartz-carbonate hosting minor disseminated pyrite. Orientated 50, 60, and 70 degrees to-core-axis.	
FT	47.37	47.42	0.05	55.00					2.6cm clay altered fault gouge. White and orange colour (limonite stained).	
VT	58.32	58.36	0.04	40.00					Pink quartz and quartz-carbonate veinlet and small fault zone. Fault at 80 degrees to-core-axis, veinlet at 40 degrees to-core-axis.	
FT	63.58	63.73	0.15	55.00		2.00			Clay altered fault gouge. More crumbly than clay altered. 2 small approximately 2cm and 3cm wide zones. Orientated 60 and 50 degrees to-core-axis.	
FT	68.17	68.34	0.17	65.00					Clay altered fault gouge with fragments of pink quartz-carbonate vein. 16cm in width.	
VN	68.34	68.57	0.23	70.00		1.00			Vitreous quartz and blue/grey aphanitic sulphide(?) vein (1.3cm) + grey quartz-carbonate and blue-grey aphanitic sulphide(?) vein (1cm). Orientated 70 and 60 degrees to-core-axis.	
VT	71.10	71.14	0.04	60.00		1.00	Sp	3.00	Quartz and quartz-carbonate veinlet hosting semi-massive sphalerite.	
FT	71.40	71.60	0.20	60.00					Weakly developed fault gouge zone and 2cm of well developed/clay altered fault gouge.	
FT	77.80	77.94	0.14	30.00					Clay altered fault gouge. Light green colour. ~14cm long zone orientated at 30 degrees to-core-axis.	
GO	79.72	80.64	0.92	40.00					Highly clay altered fault gouge zone. White in colour. ~92cm long zone orientated 40 degrees to-core-axis.	
FT	81.32	81.90	0.58	70.00					3 weakly developed fault zone with some clay alteration. 2-3cm wide zones. Orientated 75 and 45 degrees to-core-axis (last fault is at unknown angle).	
				45.00						
FT	82.21	82.30	0.09	45.00					Small, clay altered fault gouge zone hosting disseminated pyrite, black aphanitic sulphide and remnants quartz-carbonate veinlet. 3cm wide zone.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	82.30	82.53	0.23				Py	2.00	Slightly brecciated granodiorite with dark-fine mineral matrix. Vein hosting disseminated pyrite. Netted, dark mineralization with crustiform quartz-carbonate vein cutting brecciated vein at 80 degrees to-core-axis (1.5cm in width). ~21cm of brecciated and netted vein.	
	82.62	82.73	0.11	85.00					Netted, smoky quartz vein with band of whit quartz-carbonate (1cm wide). 9cm in width.	
FT	82.75	82.79	0.04	70.00					~1cm of highly clay altered fault gouge. Grey aphanitic sulphide gouge.	
VN	82.83	82.98	0.15	65.00		2.00	Py	1.00	Grey quartz and white quartz-carbonate veins hosting fine disseminated pyrite and black aphanitic sulphides. 2.2 and 4.6cm in widths.	
VT	85.52	89.85	4.33	65.00		5.00	Py	<1	Quartz and quartz-carbonate veinlets up to 9mm in width. Orientated 60-70 degrees to-core-axis. Trace disseminated pyrite.	
FT	89.58	90.31	0.73	53.00		3.00			Fault zones. 1 moderately developed (5cm) and 2 poorly developed (4.8c and 3.3cm in widths). Clay alteration present.	
VN	90.24	90.30	0.06	45.00			Py	<1	Banded vein of grey mineral, quartz-carbonate and quartz hosting minor blebby pyrite. 1.4cm in width.	
									entering heavily faulted zone	
FT	90.89	96.20	5.31			14.00			Extremely faulted zone with ~14 individual faults with short intervals of competent granodiorite (fragmented) between faults. First fault in interval is orientated at 18 degrees to-core-axis, others at 50, 28, 35, 65 degrees (varying). Length ranging rom 5cm to 30cm (with one or a few together making a larger interval of 1.1m).	
FT	96.23	98.13	1.90	55.00		2.00			2 fault zones at 55 degrees to-core-axis. Dark/medium grey. ~53 and <60cm zones (rain washed away some gouge),	
FT	106.14	108.02	1.88						Dark-grey , clay altered fault gouge with slight green tint. Unknown angle. Highly clay altered for at least 1.1m.	
									leaving heavily faulted zone	
VT	108.20	108.24	0.04	60.00					8mm chlorite and quartz green veinlet.	
VT	109.09	110.45	1.36			4.00			White and green carbonate + green chlorite and grey-vitreous quartz veinlets. 2mm to 9mm in width. Orientated 25, 35 and 40 degrees to-core-axis.	
VN	111.61	111.70	0.09	45.00					Green chlorite and quartz vein with minor quartz-carbonate. 3cm in width.	
VN	111.75	111.80	0.05	30.00					Vitreous white quartz vein. 1.3cm in width, within friable zone (fault zone?).	
VN	112.07	112.12	0.05				Py	<1	Smoky-vitreous quartz and creamy quartz-carbonate vein hosting disseminated pyrite.	
VT	112.54	112.60	0.06	28.00		3.00	He	5.00	2 Vuggy creamy quartz carbonate veinlets crosscutting and offsetting (dextral, by 3mm) a smoky quartz veinlet hosting hematite. Quartz-carbonate veinlets orientated at 28 degrees to-core-axis, quartz at 50 degrees to-core-axis.	
VN	113.22	113.33	0.11	75.00		2.00			2 carbonate veins (rimmed by minor quartz). 1.3cm and 1.8cm in width.	
FT	113.98	116.65	2.67	60.00		4.00			4 small clay altered fault zones. Generally ~1cm with one 20cm zone. At least two zones at 60 degrees to-core-axis.	
FT	114.92	115.04	0.12	30.00		1.00	Py	<1	Banded/crustiform white quartz-carbonate and smoky quartz hosting disseminated pyrite.	
VN	115.35	115.50	0.15	10.00		1.00	Py	1.00	1cm grey-quartz and creamy quartz-carbonate veinlet hosting disseminated pyrite and some ankerite. Situated on top of core (4cm over core, 8mm into core). Almost horizontal (to-core-axis), fragmented (therefore uncertain of length).	
VN	116.90	117.12	0.22	65.00		2.00			Weakly crustiform white-creamy-pink carbonate, ankerite and quartz-carbonate veins at 65 degrees to-core-axis. 8mm and 2cm in width.	
FT	119.97	132.97	13.00			8.00			8 fault zones. 4 moderately developed, 4 poorly developed. Range of orientations (including 40, 70, 35 and 65 degrees to-core-axis). 1cm to 10cm in width.	
VN	122.82	123.01	0.19	7.00		7.00			shallow, mottled vein situated on top of core. Pink-ankerite, green quartz-chlorite, smoky quartz, hematite stained quartz and white quartz carbonate. Ends abruptly at upper contact (small fault without clay alteration?). ~3cm wide on surface of core.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	124.20	127.38	3.18			4.00			White and pink quartz-carbonate veinlets (1 with dark blue fine mineral). Orientated 65, 75, 30 and 60 degrees to-core-axis.	
VN	126.91	127.00	0.09	40.00		1.00			White quartz-carbonate vein with dark similarly orientated stringers and bands of black aphanitic sulphides. Semi-massive pyrite hosted within quartz-carbonate and dark aphanitic sulphides. Situated at contact with fault. 2.4cm in width. Orientated ~40 degrees to-core-axis. Fragmented.	
VT	130.81	130.89	0.08	50.00		3.00	Py	<1	Crustiform and stringy ankerite and quartz-carbonate vein. White and pink colour. 3 Stringy/crustiform veinlets within interval.	
VN	132.49	132.71	0.22	55.00		2.00	Py	10.00	Banded vein of creamy-pink and white quartz-carbonate, grey and smoky quartz and dark-blue mineral (aphanitic sulphides?), Vein hosting blebby pyrite and trace disseminated galena. 8.4cm banded vein and 1.2cm vein of milky quartz hosting blebby pyrite.	
							Gn	<1		
VT	133.21	133.61	0.40				Py	1.00	Netted creamy quartz-carbonate veinlets+ dark stringers hosting disseminated pyrite and vitreous grey quartz.	
VN	134.08	134.31	0.23	60.00		2.00	Py	<1	Vuggy quartz-carbonate and vitreous quartz veins hosting disseminated pyrite. 1cm of fault gouge at end of interval. Netted, light pink-orange quartz-carbonate. 2 veins; 3.3cm and 3.7cm in width.	
VT	134.66	134.91	0.25	50.00		4.00	Py	1.00	Quartz veinlets hosting aphanitic sulphides + pyrite stringers. 4 veinlets.	
GO	134.75	134.90	0.15	40.00		1.00			Small fault gouge zone with minor clay alteration.	
DK	137.79	138.07	0.28	43.00		2.00			2 pink aplite dykes (medium grained). 4.6cm and 4.2cm in width.	
VT	137.90	137.93	0.03	70.00		1.00	Py	<1	Quartz-carbonate and quartz veinlet. 1.4cm and 4mm of clay altered gouge within interval.	
VT	141.28	141.30	0.02	80.00			Py	<1	Small grey-vitreous quartz and white quartz-carbonate veinlet hosting disseminated pyrite. Disseminated pyrite within phyllic alteration halo. 2mm in width.	
VT	142.13	142.21	0.08						Netted (or slightly brecciating?) quartz-carbonate veinlets. Light green colour.	
VN	143.89	143.93	0.04	60.00			Gn	2.00	Grey vitreous vein hosting blebby galena, pyrite, and white-quartz-carbonate.	
							Py	3.00		
FT	142.34	144.42	2.08						Crumbly zone. Suspect much is faulted but unsure of widths, angles or number of faults due to being highly fractures and poor recovery.	
VN	145.69	145.75	0.06	60.00					3.2cm white carbonate vein.	
VN	146.69	146.75	0.06	70.00					Brecciated vein. Fine white matrix. Quartz with trace carbonate. Up to 5mm clasts. 4cm in width. Orientated 70 degrees to-core-axis.	
VN	148.20	149.29	1.09	33.00			Py	1.00	Grey, vitreous quartz and white quartz-carbonate vein hosting blebby and disseminated pyrite within vein and silicified/phyllic halo. 1.8cm in width. Orientated 33 degrees to-core-axis.	
VN	148.44	148.55	0.11	45.00			As	2.00	Smoky quartz and white quartz-carbonate vein hosting semi-massive galena (cubic habit visible), sphalerite and pyrite + blebby, acicular and disseminated arsenopyrite. ~5cm in width.	
							Gn	3.00		
							Sp	3.00		
							Py	15.00		
VN	149.34	149.37	0.03	60.00			As	1.00	1.7cm white quartz-carbonate and milky quartz vein hosting disseminated pyrite and arsenopyrite.	
							Py	2.00		
VT	153.54	153.61	0.07	57.00			Py	1.00	White crustiform quartz-carbonate veinlet with blebby and disseminated pyrite within strong phyllic alteration halo (dark-green), 6mm in width (interval includes halo). Quartz-carbonate stringers throughout.	
ST	156.04	156.26	0.22	80.00		11.00	Py	<<1	Quartz and quartz-carbonate stringers all orientated at 80-85 degrees to-core-axis. Minor disseminated pyrite.	
VT	158.91	159.02	0.11			3.00			Crustiform quartz-carbonate veinlets at 55-80 degrees to-core-axis.	
VN	159.62	159.65	0.03	75.00					Crustiform and vuggy creamy quartz-carbonate vein, which deviates in two with vugs filled with clay altered material (gouge?). 1.2cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	160.12	160.85	0.73						Clay altered fault gouge zone. Small zones orientated 35 and 20 degrees to-core-axis. ~2cm and 3cm zones.	
VN	160.54	160.63	0.09						Netted creamy quartz-carbonate vein.	
VN	167.07	167.10	0.03	75.00			Py	1.00	Vein consisting of stringy and crustiform quartz-carbonate, vitreous quartz and blue fine mineral. 1.5cm vein and 2 stringers hosting pyrite.	
VT	172.75	172.80	0.05	45.00			Py	1.00	Creamy quartz-carbonate and green highly silicified halo hosting disseminated pyrite.	
VN	172.83	172.92	0.09	50.00			Py	5.00	Vein consisting of smoky quartz, dark black/grey aphanitic sulphides, and white quartz-carbonate. Hosting blebby and disseminated pyrite. Overall dark-grey colour. 2.1cm in width.	
VN	173.09	173.30	0.21	60.00					Stringy/mottled grey quartz-carbonate vein. Some vuggy textures. 2.1cm and 3.0cm in width. Orientated at 60 and 55 degrees to-core-axis.	
VN	173.30	173.40	0.10	65.00					7.2cm carbonate vein.	
FT	175.00	175.20	0.20	25.00					Clay altered fault gouge. White-green colour.	
VN	177.24	177.32	0.08	65.00			Py	3.00	Banded, weakly crustiform and vuggy vein consisting of dark-grey quartz (w/ chlorite), vuggy/crustiform quartz-carbonate and dark aphanitic sulphides. Smoky quartz hosting pyrite. 4 pyrite bearing stringers at same orientation within interval. Vein is 3.2cm in width.	
FT	180.95	181.86	0.91	80.00		4.00	Py	<1	Weak to moderate developed fault zones with some grey sulphide gouge (overall white-grey). ~4 zones. Disseminated pyrite throughout interval. Faults orientated at 65 and 80 degrees (dominantly 80) to-core-axis. More fault gouge than solid core.	
ST/VT	182.47	183.13	0.66			24.00			Slightly pink and white quartz-carbonate veinlets and stringers. Abundant and in various orientations to weakly netted. Several veinlets at 55 and 40 degrees. At least 24 veinlets/stringers.	
VT	183.90	184.69	0.79				Py	2.00	Mottled vein within developing fault zone. Offsets present. Blebby and disseminated pyrite hosted within vitreous quartz with dark aphanitic sulphides + netted grey chalcedony + minor quartz-carbonate.	
FT	184.69	184.79	0.10	75.00					Weakly developed fault zone at 75 degrees to-core-axis.	
FT	185.60	185.70	0.10	45.00					Clay altered fault gouge zone with some grey sulphide gouge. 4cm in width, orientated 40 degrees to-core-axis. Light green overall.	
VN	185.75	185.88	0.13	50.00					White quartz-carbonate, rosy quartz (hematite stained?) and smoky quartz banded vein hosting disseminated pyrite.	
VN	187.96	188.15	0.19	23.00					Chalcedony and quartz-carbonate netted/stringy vein.	
FT	191.93	192.37	0.44	45.00					Developing fault zone at 45 degrees to-core-axis, with bands of grey sulphide gouge.	
FT	192.56	192.95	0.39	70.00					Fault gouge zone. 70 degrees at upper contact, 90 degrees at lower contact.	
				90.00						
VN	192.95	193.00	0.05	90.00					Brecciated vein at 90 degrees to-core-axis. Dark-grey matrix with granodiorite clasts.	
VN	198.53	198.62	0.09	40.00			Py	<1	Banded yellow quartz-carbonate, chalcedony(?), smoky quartz and dark-blue aphanitic sulphide vein. 2.6cm in width. Trace disseminated pyrite.	
VT	203.34	203.40	0.06	40.00					8mm black vein (with small granodiorite clasts) cross-cut by quartz-carbonate stringer.	
FT	212.10	212.18	0.08	45.00					Small clay altered fault gouge zone. Hangingwall is carbonate flooded for 3cm. ~5cm zone. Minor grey sulphide gouge.	
FT	212.80	212.90	0.10	55.00					Weakly developed fault gouge zone. ~9cm in width.	
VN	212.90	213.10	0.20	40.00					Weakly brecciated vein with convoluted quartz-carbonate and quartz. Smoky quartz and quartz-carbonate matrix with carbonate clasts(?). Blebby pyrite hosted within quartz. At contact with fault. Very green footwall hosting fine disseminated pyrite.	
VN	213.95	214.03	0.08	18.00					Green quartz-chlorite band/vein offset by thin fault infilled with green quartz-chlorite. Larger 1.2cm vein at 60 degrees to-core-axis offset by stringer at 18 degrees in opposing direction.	
VT	215.42	215.60	0.18	18.00					Vibrant green chlorite-quartz veinlet with white carbonate and red hematite. 1cm in width.	
VN	220.05	220.14	0.09	39.00					Chlorite-quartz and quartz banded being. Vibrant and dark green bands + creamy band of quartz-carbonate.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	222.27	222.36	0.09	40.00					Band of vibrant green chlorite-quartz vein and band of dark-purple densely netted hematite with interstitial smoky quartz.	
ST	222.36	222.53	0.17						Netted chlorite and hematite stringers.	
VT	223.60	223.76	0.16	70.00					Small grey and vitreous quartz (+minor carbonate) hosting disseminated pyrite, crosscutting chlorite-quartz veinlet (vibrant green, stringy, orientated 16 degrees in opposing direction). Pyrite bearing veinlet at 70 degrees to-core-axis. Interval includes both vein and veinlet.	
VT	225.81	225.84	0.03	80.00					3 closely spaced veinlets with light green phyllic alteration halo. Grey quartz, white quartz-carbonate and white-pink quartz-carbonate.	
FT	227.82	227.95	0.13	30.00					Weakly developed fault zone. Chlorite rich. 1.6cm in width. Minor clay alteration.	
FT	228.88	229.05	0.17	40.00					Grey and green clay altered fault zone. Well developed and moderately developed (1/2 each).	
VN	230.10	238.15	8.05	40.00			Py	1.00	Smoky quartz and minor quartz-carbonate vein hosting semi-massive pyrite. 1.5cm in width.	
FT	231.90	232.14	0.24	50.00					Friable fault gouge with minor clay alteration. Light green colour.	
VN	232.45	232.55	0.10				Py	2.00	Fragmented vein next to clay gouge (unknown width). Banded grey-quartz and white quartz-carbonate vein hosting blebby and semi-massive pyrite and blebby galena. ~6.5cm in width and at least 3.5cm of grey clay altered fault gouge (sulphide gouge hosting lose crystals of pyrite).	
							Gn	<1		
FT	233.25	233.30	0.05	40.00					2cm of crumbly (some clay alteration) fault gouge adjacent to vibrant green quartz-chlorite veinlet and stringers.	
VN	238.07	238.15	0.08	40.00					Banded vein of quartz and quartz-carbonate with creamy, blue and grey colours. 2cm in width.	
VN	242.41	242.50	0.09	46.00					Creamy + pink quartz-carbonate (+- ankerite) and minor vitreous quartz. 2.7cm crustiform vein.	
VN	243.40	243.50	0.10	40.00					4cm crustiform and vuggy creamy quartz-carbonate and smoky quartz vein.	
VN	245.11	245.27	0.16	15.00					Banded quartz-carbonate and quartz vein hosting dark aphanitic sulphides + 6mm of highly clay altered gouge on upper contact. Orientated ~15 degrees to-core-axis. Vein is 1.4cm in width.	
FT	247.50	247.73	0.23	80.00					Moderately to well developed fault gouge. Light green colour.	
VT	250.33	250.42	0.09	60.00		3.00			Carbonate, chlorite and quartz-carbonate (+minor quartz) veins. Orientated 60, 60 and 70 degrees to-core-axis.	
FT	253.26	253.34	0.08	70.00					Friable, weakly clay altered fault zone. Light green and blue-green colours.	
VN	255.07	255.12	0.05	51.00			Py	10.00	Grey and white quartz vein hosting pervasive blebby pyrite with thin pink and yellow bands of quartz carbonate. 1cm in width.	
									EOH	

KLAZA

Hole: DDH-12-101 **Date:** Aug-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
14.88	10	4.1	348	212.8	GRD		LIM	3			2.635856	2.573964	Limonite stained and silicified granodiorite with quartz and carbonate veinlets.
							SIL	3					
30.9	9.2	4.1	335.6	204.7	GRD		PRO	4			2.762972	2.563789	Moderately argillic altered granodiorite with strong potassic overprinting.
							ARG	3					
41.9	9.3	4.1	334.3	206.1	FEL	PO	POT	4			2.722675	2.607644	Pink quartz-feldspar-porphyry dyke. Potassic altered.
68.61	9.6	4.1	354.2	222.1	GRD		PHC	4			2.7946	2.681302	Strong phyllic altered granodiorite.
75.76	9.6	4.1	357.6	226.3	FEL						2.821426	2.723534	Green quartz-feldspar-porphyry dyke. Phenocrysts are stained green.
112.75	9.6	4.1	355.8	222.3	GRD		PHC	3			2.807224	2.665169	Moderately phyllic altered granodiorite with vuggy quartz-carbonate veinlets.
133.49	10	4.1	386.7	248.5	GRD		PHC	3	Py	1	2.928981	2.798119	Moderately phyllic altered granodiorite with quartz-carbonate and quartz veinlets and fine disseminated pyrite.
136.32	9.6	4.1	361.1	228.3	GRD		PRO	1			2.849041	2.719127	Weakly propylitic altered granodiorite.
152.65	10.2	4.1	382.4	238.8	GRD		PRO	2			2.839619	2.662953	Weakly propylitic altered granodiorite with oblique band of strong potassic alteration.
							POT	4					
162.5	10.1	4.1	386.5	245.2	GRD		PHC	3			2.898481	2.735315	Moderately phyllic altered granodiorite with pyrite bearing quartz and quartz-carbonate veins.
178.17	10	4.1	353.3	214.2	GRD		PHC	1			2.676	2.539899	Moderately argillic altered granodiorite with potassic and minor phyllic altered granodiorite.
							POT	4					
							ARG	3					
207.37	9.6	4	364.1	230	GRD		PHC	4			3.018141	2.715138	Very light green phyllic altered granodiorite with weak potassic alteration.
							POT	2					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
221.9	9.8	4	349.9	233.1	GRD		ARG	3			2.841241	2.995719	Moderately argillic altered granodiorite with strong potassic overprinting. Pink colour.
243.33	9.6	4	364.5	215.5	GRD		PHC	4			3.021457	2.446309	Strongly phyllic altered granodiorite with part of a crustiform vein.
													EOH

KLAZA

Hole: DDH-12-101 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	10.18	10.18	0	0						No sampling.
10.18	11.90	1.72	1.41	82	N811625	101-1				
11.90	14.64	2.74	2.45	89.4	N811626	101-1				
14.64	16.37	1.73	1.73	100	N811627	101-1				
16.37	17.93	1.56	1.53	98.1	N811628	101-1				
17.93	19.18	1.25	1.03	82.4	N811629	101-1				
19.18	20.28	1.10	1.1	100	N811630	101-1				
					N811631	101-1				STD-KL-1
20.28	22.89	2.61	2.45	93.9	N811632	101-1				
22.89	23.89	1.00	1	100	N811633	101-1				
23.89	25.00	1.11	1	90.1	N811634	101-1				
					N811635	101-1				BLANK
25.00	26.42	1.42	1.15	81	N811636	101-1				
26.42	28.43	2.01	2	99.5	N811637	101-1				
					N811638	101-1				1/4 DUPLICATE
28.43	30.00	1.57	1.53	97.5	N811639	101-1				
30.00	31.33	1.33	1.15	86.5	N811640	101-1				
31.33	32.61	1.28	1.15	89.8	N811641	101-1				
32.61	33.61	1.00	1	100	N811642	101-1				
33.61	35.66	2.05	1.95	95.1	N811643	101-1				
35.66	38.66	3.00	2.74	91.3	N811644	101-1				
38.66	41.66	3.00	3	100	N811645	101-1				
					N811646	101-1				STD-KL-1
41.66	43.37	1.71	1.68	98.2	N811647	101-1				
43.37	44.37	1.00	0.87	87	N811648	101-1				
44.37	45.60	1.23	1.01	82.1	N811649	101-1				
					N811650	101-1				BLANK
45.60	46.66	1.06	0.97	91.5	N811651	101-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
46.66	47.66	1.00	1	100	N811652	101-1				
47.66	48.70	1.04	0.92	88.5	N811653	101-1				
48.70	50.87	2.17	2.1	96.8	N811654	101-1				
50.87	52.67	1.80	1.8	100	N811655	101-1				
52.67	55.67	3.00	3	100	N811656	101-1				
55.67	58.67	3.00	2.8	93.3	N811657	101-1				
					N811658	101-1				COARSE DUPLICATE REJECT
58.67	60.05	1.38	1.23	89.1	N811659	101-1				
60.05	61.74	1.69	1.6	94.7	N811660	101-1				
61.74	63.09	1.35	1.07	79.3	N811661	101-2				Rubble
63.09	64.28	1.19	1	84	N811662	101-2				
64.28	66.14	1.86	1.63	87.6	N811663	101-2				
					N811664	101-2				STD-KL-2
66.14	68.00	1.86	1.6	86	N811665	101-2				
68.00	69.19	1.19	1.14	95.8	N811666	101-2				
69.19	70.20	1.01	0.99	98	N811667	101-2				
70.20	71.29	1.09	1.09	100	N811668	101-2				
71.29	72.95	1.66	1.66	100	N811669	101-2				
					N811670	101-2				BLANK
72.95	73.95	1.00	1	100	N811671	101-2				
73.95	75.98	2.03	1.92	94.6	N811672	101-2				
75.98	77.98	2.00	1.8	90	N811673	101-2				
77.98	79.62	1.64	1.4	85.4	N811674	101-2				Rubble
79.62	80.64	1.02	0.95	93.1	N811675	101-2				
80.64	82.25	1.61	1.53	95	N811676	101-2				Rubble
82.25	83.30	1.05	1.01	96.2	N811677	101-2				
83.30	85.52	2.22	2.03	91.4	N811678	101-2				
					N811679	101-2				1/4 DUPLICATE
85.52	87.50	1.98	1.98	100	N811680	101-2				
					N811681	101-2				STD-KL-2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
87.50	88.69	1.19	1.07	89.9	N811682	101-2				
88.69	90.26	1.57	1.42	90.4	N811683	101-2				
90.26	91.26	1.00	0.95	95	N811684	101-2				
91.26	92.45	1.19	1	84	N811685	101-2				
92.45	93.70	1.25	1.09	87.2	N811686	101-2				
93.70	95.18	1.48	1.14	77	N811687	101-2				
95.18	96.26	1.08	1.01	93.5	N811688	101-2				
96.26	97.27	1.01	0.85	84.2	N811689	101-2				
					N811690	101-2				BLANK
97.27	99.55	2.28	1.36	59.6	N811691	101-2				Gouge
99.55	100.76	1.21	0.96	79.3	N811692	101-2				
100.76	101.98	1.22	0.71	58.2	N811693	101-2				Fragmented/gouge
101.98	103.45	1.47	1.34	91.2	N811694	101-2				
103.45	104.90	1.45	1.35	93.1	N811695	101-2				
					N811696	101-2				COARSE DUPLICATE REJECT
104.90	106.11	1.21	1.15	95	N811697	101-3				
106.11	108.17	2.06	2.01	97.6	N811698	101-3				
108.17	109.17	1.00	0.87	87	N811699	101-3				
109.17	110.67	1.50	1.5	100	N811700	101-3				
110.67	111.78	1.11	1.06	95.5	N811701	101-3				
					N811702	101-3				STD-KL-2
111.78	113.24	1.46	1.3	89	N811703	101-3				
113.24	114.66	1.42	1.28	90.1	N811704	101-3				
114.66	115.74	1.08	0.92	85.2	N811705	101-3				
115.74	117.07	1.33	1.33	100	N811706	101-3				
117.07	118.07	1.00	1	100	N811707	101-3				
118.07	119.57	1.50	1.5	100	N811708	101-3				
119.57	121.01	1.44	1.05	72.9	N811709	101-3				
121.01	122.82	1.81	1.56	86.2	N811710	101-3				Fragmented/rubbly
122.82	124.18	1.36	1.36	100	N811711	101-3				
					N811712	101-3				BLANK
124.18	125.30	1.12	1.01	90.2	N811713	101-3				Rubbly

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
125.30	127.68	2.38	1.4	58.8	N811714	101-3				Fragmented, rubbly.
127.68	129.68	2.00	1.84	92	N811715	101-3				
129.68	130.79	1.11	1.03	92.8	N811716	101-3				
130.79	132.37	1.58	1.3	82.3	N811717	101-3				Rubbly
132.37	134.34	1.97	1.97	100	N811718	101-3				
134.34	135.34	1.00	1	100	N811719	101-3				
					N811720	101-3				STD-KL-1
135.34	137.62	2.28	2.28	100	N811721	101-3				
137.62	138.62	1.00	1	100	N811722	101-3				
138.62	140.00	1.38	1.36	98.6	N811723	101-3				
					N811724	101-3				1/4 DUPLICATE
140.00	141.00	1.00	0.9	90	N811725	101-3				
141.00	143.30	2.30	2.11	91.7	N811726	101-3				
143.30	144.39	1.09	0.87	79.8	N811727	101-3				Rubbly
144.39	146.60	2.21	2.2	99.5	N811728	101-3				
					N811729	101-3				COARSE REJECT DUPLICATE
146.60	148.17	1.57	1.51	96.2	N811730	101-3				
148.17	149.42	1.25	1.22	97.6	N811731	101-3				
					N811732	101-3				BLANK
149.42	150.42	1.00	0.9	90	N811733	101-4				
150.42	152.20	1.78	1.78	100	N811734	101-4				
152.20	153.35	1.15	1.09	94.8	N811735	101-4				
153.35	154.35	1.00	0.98	98	N811736	101-4				
154.35	155.80	1.45	1.4	96.6	N811737	101-4				
					N811738	101-4				1/4 DUPLICATE
155.80	157.52	1.72	1.7	98.8	N811739	101-4				
					N811740	101-4				STD-KL-2
157.52	159.54	2.02	2.02	100	N811741	101-4				
159.54	160.85	1.31	1.23	93.9	N811742	101-4				
160.85	162.28	1.43	1.2	83.9	N811743	101-4				Rubbly
162.28	163.36	1.08	1	92.6	N811744	101-4				
					N811745	101-4				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
163.36	164.36	1.00	1	100	N811746	101-4				
164.36	165.64	1.28	1.28	100	N811747	101-4				
165.64	167.15	1.51	1.51	100	N811748	101-4				
167.15	169.07	1.92	1.92	100	N811749	101-4				
169.07	171.74	2.67	2.55	95.5	N811750	101-4				
					N811751	101-4				COARSE DUPLICATE REJECT
171.74	173.43	1.69	1.69	100	N811752	101-4				
173.43	175.20	1.77	1.77	100	N811753	101-4				
					N811754	101-4				STD-KL-2
175.20	176.64	1.44	1.44	100	N811755	101-4				
176.64	177.64	1.00	1	100	N811756	101-4				
177.64	179.40	1.76	1.69	96	N811757	101-4				
179.40	181.02	1.62	1.55	95.7	N811758	101-4				
181.02	182.44	1.42	1.4	98.6	N811759	101-4				
182.44	183.97	1.53	1.38	90.2	N811760	101-4				
183.97	185.90	2.00	1.98	99	N811761	101-4				
185.90	187.06	1.16	1.16	100	N811762	101-4				
187.06	188.06	1.00	1	100	N811763	101-4				
188.06	190.78	2.72	2.6	95.6	N811764	101-4				
190.78	191.90	1.12	1.11	99.1	N811765	101-4				
191.90	193.00	1.10	1	90.9	N811766	101-4				
					N811767	101-4				BLANK
193.00	195.26	2.26	2.26	100	N811768	101-4				
195.26	196.85	1.59	1.58	99.4	N811769	101-5				
196.85	198.15	1.30	1.3	100	N811770	101-5				
198.15	199.17	1.02	1	98	N811771	101-5				
199.17	200.88	1.71	1.71	100	N811772	101-5				
200.88	202.00	1.12	1.1	98.2	N811773	101-5				
202.00	203.44	1.44	1.42	98.6	N811774	101-5				
203.44	204.98	1.54	1.54	100	N811775	101-5				
204.98	206.84	1.86	1.86	100	N811776	101-5				
					N811777	101-5				STD-KL-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
206.84	208.48	1.64	1.52	92.7	N811778	101-5				
208.48	209.49	1.01	1.01	100	N811779	101-5				
209.49	210.76	1.27	1.21	95.3	N811780	101-5				
210.76	212.00	1.24	1.24	100	N811781	101-5				
212.00	213.18	1.18	1.18	100	N811782	101-5				
					N811783	101-5				BLANK
213.18	214.38	1.20	1.14	95	N811784	101-5				
214.38	215.64	1.26	1.26	100	N811785	101-5				
215.64	217.92	2.28	2.11	92.5	N811786	101-5				
					N811787	101-5				COARSE REJECT DUPLICATE
217.92	220.04	2.12	2.12	100	N811788	101-5				
					N811789	101-5				STD-KL-2
220.04	222.26	2.22	2.22	100	N811790	101-5				
222.26	223.80	1.54	1.49	96.8	N811791	101-5				
223.80	225.00	1.20	1.2	100	N811792	101-5				
					N811793	101-5				1/4 DUPLICATE
225.00	226.00	1.00	1	100	N811794	101-5				
226.00	227.80	1.80	1.78	98.9	N811795	101-5				
227.80	228.90	1.10	1.1	100	N811796	101-5				
228.90	230.10	1.20	1.16	96.7	N811797	101-5				
230.10	231.90	1.80	1.8	100	N811798	101-5				
231.90	232.96	1.06	1	94.3	N811799	101-5				
					N811800	101-5				BLANK
232.96	234.80	1.84	1.84	100	N811801	101-5				
234.80	237.30	2.50	2.3	92	N811802	101-5				
237.30	238.30	1.00	1	100	N811803	101-5				
238.30	239.87	1.57	1.57	100	N811804	101-5				
239.87	241.35	1.48	1.35	91.2	N811805	101-5				
241.35	242.35	1.00	1	100	N811806	101-6				
					N811807	101-6				STD-KL-2
242.35	243.65	1.30	1.29	99.2	N811808	101-6				
243.65	245.09	1.44	1.54	107	N811809	101-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
245.09	246.30	1.21	1.21	100	N811810	101-6				
					N811811	101-6				BLANK
246.30	248.75	2.45	2.38	97.1	N811812	101-6				
248.75	250.18	1.43	1.28	89.5	N811813	101-6				
250.18	251.18	1.00	1	100	N811814	101-6				
251.18	252.80	1.62	1.56	96.3	N811815	101-6				
252.80	253.80	1.00	1	100	N811816	101-6				
253.80	254.94	1.14	1.05	92.1	N811817	101-6				
					N811818	101-6				1/4 DUPLICATE
254.94	255.97	1.03	1.03	100	N811819	101-6				
										END OF SAMPLING DDH-12-101

KLAZA

Hole: DDH-12-101 **Tech Name:Jamie Godfrey** **Date: Aug 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
4.57	5.18	0.61	0.61	100	0.00	0		1	0S	4W	
5.18	8.23	3.05	2.75	90	0.31	10		2	3S	4W	
8.23	11.28	3.05	2.65	87	0.76	25		1	3S	4W	
11.28	14.33	3.05	2.80	92	0.73	24		2	3S	3W	
14.33	17.37	3.04	3.02	99	1.53	50		1	2S	4W	
17.37	20.42	3.05	2.83	93	1.54	50		1	2S	4W	
20.42	23.47	3.05	2.83	93	1.44	47		2	3S	3W	
23.47	26.52	3.05	2.89	95	0.80	26		1	3S	4W	
26.52	29.57	3.05	2.97	97	1.57	51		1	2S	3W	
29.57	32.61	3.04	2.70	89	1.49	49		1	2S	2W	
32.61	35.66	3.05	3.01	99	0.15	5		1	2S	2W	
35.66	38.71	3.05	2.75	90	0.30	10		1	2S	2W	
38.71	41.76	3.05	3.00	98	0.86	28		1	2S	2W	
41.76	44.81	3.05	2.70	89	1.10	36		1	2S	2W	
44.81	47.85	3.04	2.70	89	0.62	20		1	3S	2W	
47.85	50.90	3.05	2.73	90	0.25	8		2	3S	2W	
50.90	53.95	3.05	2.91	95	0.66	22		2	4S	2W	
53.95	57.00	3.05	2.75	90	1.39	46		2	3S	2W	
57.00	60.05	3.05	2.72	89	0.91	30		2	3S	2W	
60.05	63.09	3.04	2.77	91	0.81	27		2	3S	2W	
63.09	66.14	3.05	2.84	93	0.33	11		1	3S	1W	
66.14	69.19	3.05	2.68	88	0.71	23		1	3S	1W	
69.19	72.24	3.05	2.88	94	1.05	34		1	3S	1W	
72.24	75.29	3.05	3.01	99	0.63	21		2	3S	1W	
75.29	78.33	3.04	2.94	97	0.18	6		1	2S	1W	
78.33	81.38	3.05	2.70	89	0.00	0		1	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	3.00	98	0.20	7		1	3S	1W	
84.43	87.48	3.05	2.90	95	0.73	24		1	3S	1W	
87.48	90.53	3.05	2.53	83	0.58	19		1	2S	1W	
90.53	93.57	3.04	2.69	88	0.00	0		1	2S	1W	
93.57	96.62	3.05	2.72	89	0.00	0		1	1S	1W	
96.62	99.67	3.05	2.70	89	0.00	0		1	1S	1W	
99.67	102.72	3.05	2.67	88	0.00	0		1	0S	1W	
102.72	105.77	3.05	3.05	100	0.11	4		1	2S	1W	
105.77	108.81	3.04	3.05	100	0.00	0		1	0S	1W	
108.81	111.86	3.05	2.82	92	0.44	14		1	1S	1W	
111.86	114.91	3.05	2.60	85	0.27	9		1	2S	1W	
114.91	117.96	3.05	2.80	92	0.70	23		1	2S	1W	
117.96	121.01	3.05	2.57	84	0.30	10		1	3S	1W	
121.01	124.05	3.04	2.67	88	0.21	7		1	2S	1W	
124.05	127.10	3.05	2.29	75	0.00	0		1	2S	1W	
127.10	130.15	3.05	2.56	84	0.13	4		1	2S	1W	
130.15	133.20	3.05	2.88	94	0.58	19		1	2S	2W	
133.20	136.25	3.05	2.94	96	0.97	32		1	2S	2W	
136.25	139.29	3.04	2.94	97	1.40	46		1	2S	2W	
139.29	142.34	3.05	2.80	92	0.75	25		1	2S	3W	
142.34	145.39	3.05	2.54	83	0.66	22		1	1S	3W	
145.39	148.44	3.05	2.89	95	1.31	43		2	3S	2W	
148.44	151.49	3.05	2.94	96	1.06	35		1	3S	2W	
151.49	154.53	3.04	2.76	91	0.91	30		2	3S	2W	
154.53	157.58	3.05	3.02	99	1.11	36		2	3S	1W	
157.58	160.63	3.05	2.95	97	1.28	42		2	3S	1W	
160.63	163.68	3.05	2.75	90	0.90	30		1	1S	2W	
163.68	166.73	3.05	3.01	99	1.82	60		2	1S	1W	
166.73	169.77	3.04	2.83	93	1.20	39		1	1S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.67	88	0.40	13		1	1S	2W	
172.82	175.87	3.05	3.05	100	1.44	47		1	3S	2W	
175.87	178.92	3.05	2.90	95	0.67	22		2	3S	2W	
178.92	181.97	3.05	2.78	91	0.65	21		1	1S	3W	
181.97	185.01	3.04	2.92	96	1.73	57		1	1S	3W	
185.01	188.06	3.05	2.88	94	0.54	18		2	1S	2W	
188.06	191.11	3.05	2.80	92	0.88	29		2	1S	2W	
191.11	194.16	3.05	1.84	60	1.31	43		1	3S	2W	
194.16	197.21	3.05	2.96	97	2.35	77		2	3S	1W	
197.21	200.25	3.04	3.05	100	2.57	85		2	3S	1W	
200.25	203.30	3.05	3.00	98	2.34	77		2	3S	1W	
203.30	206.35	3.05	2.98	98	2.22	73		2	3S	1W	
206.35	209.40	3.05	2.96	97	2.69	88		2	3S	1W	
209.40	212.45	3.05	2.98	98	1.69	55		2	3S	2W	
212.45	215.49	3.04	2.94	97	2.33	77		2	3S	2W	
215.49	218.54	3.05	2.86	94	2.42	79		2	3S	1W	
218.54	221.59	3.05	3.05	100	2.50	82		2	3S	1W	
221.59	224.64	3.05	2.89	95	1.65	54		2	3S	2W	
224.64	227.69	3.05	2.95	97	2.59	85		2	3S	1W	
227.69	230.73	3.04	2.77	91	0.93	31		1	2S	3W	
230.73	233.78	3.05	2.80	92	0.37	12		1	2S	2W	
233.78	236.83	3.05	2.73	90	1.09	36		1	3S	2W	
236.83	239.88	3.05	2.95	97	2.05	67		2	3S	1W	
239.88	242.91	3.03	2.92	96	1.95	64		2	3S	1W	
242.91	245.97	3.06	2.89	94	0.84	27		1	2S	2W	
245.97	249.02	3.05	2.88	94	0.67	22		1	2S	2W	
249.02	252.07	3.05	2.96	97	2.18	71		2	3S	1W	
252.07	255.12	3.05	2.93	96	2.20	72		2	3S	1W	
255.12	258.17	3.05	3.01	99	2.82	92		2	3S	1W	
258.17	258.41	0.24	0.24	100	0.24	100		2	3S	1W	EOH @ 258.41m

KLAZA

Hole: DDH-12-101 **Tech Name:** Jamie Godfrey **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
4.57	5.18	0.61	-	-	-	-	-	-	Rubbly
5.18	8.23	3.05	-	-	-	-	-	-	Rubbly
8.23	11.28	3.05	-	-	-	-	-	-	Rubbly
11.28	14.33	3.05	50.00	0.07	0.00	1.00	2R	3W	
14.33	17.37	3.04	60.00	0.60	0.00	2.00	2R	3W	
		0.00	75.00	0.20	0.00	2.00	3R	3W	
17.37	20.42	3.05	50.00	0.70	0.00	2.00	3R	3W	
		0.00	70.00	0.15	0.00	2.00	3R	3W	
20.42	23.47	3.05	45.00	0.75	0.00	2.00	3R	3W	
23.47	26.52	3.05	45.00	0.10	1.00	2.00	3R	3W	
26.52	29.57	3.05	70.00	0.07	0.00	2.00	2R	3W	
29.57	32.61	3.04	50.00	0.27	0.00	2.00	3R	2W	
32.61	35.66	3.05	45.00	0.25	1.00	2.00	3R	2W	
35.66	38.71	3.05	45.00	0.20	2.00	2.00	3R	2W	
38.71	41.76	3.05	45.00	0.45	0.00	2.00	3R	2W	
41.76	44.81	3.05	-	-	-	-	-	-	
44.81	47.85	3.04	-	-	-	-	-	-	
47.85	50.90	3.05	-	-	-	-	-	-	
50.90	53.95	3.05	5.00	0.30	0.00	2.00	2R	2W	
53.95	57.00	3.05	45.00	0.20	0.00	2.00	3R	1W	
57.00	60.05	3.05	45.00	0.13	0.00	2.00	2R	1W	
60.05	63.09	3.04	60.00	0.15	0.00	2.00	3R	1W	
63.09	66.14	3.05	45.00	0.05	1.00	2.00	3R	1W	
66.14	69.19	3.05	70.00	0.10	2.00	2.00	2R	1W	
69.19	72.24	3.05	-	-	-	-	-	-	
72.24	75.29	3.05	50.00	0.15	0.00	2.00	3R	1W	
75.29	78.33	3.04	-	-	-	-	-	-	Rubble/gouge

KLAZA

78.33	81.38	3.05	-	-	-	-	-	-	Rubble/gouge
81.38	84.43	3.05	85.00	0.05	1.00	2.00	2R	1W	
84.43	87.48	3.05	70.00	0.20	0.00	2.00	2R	1W	
87.48	90.53	3.05	-	-	-	-	-	-	
90.53	93.57	3.04	-	-	-	-	-	-	Gouge/rubble
93.57	96.62	3.05	-	-	-	-	-	-	Gouge/rubble
96.62	99.67	3.05	-	-	-	-	-	-	
99.67	102.72	3.05	-	-	-	-	-	-	
102.72	105.77	3.05	60.00	0.05	0.00	2.00	3R	1W	
105.77	108.81	3.04	-	-	-	-	-	-	Gouge/rubble
108.81	111.86	3.05	-	-	-	-	-	-	Gouge/rubble
111.86	114.91	3.05	-	-	-	-	-	-	Gouge/rubble
114.91	117.96	3.05	45.00	0.30	1.00	2.00	3R	1W	
117.96	121.01	3.05	-	-	-	-	-	-	Rubble
121.01	124.05	3.04	45.00	0.07	1.00	3.00	3R	1W	
124.05	127.10	3.05	-	-	-	-	-	-	Rubble
127.10	130.15	3.05	60.00	0.06	0.00	2.00	3R	1W	
130.15	133.20	3.05	60.00	0.05	0.00	2.00	2R	1W	
133.20	136.25	3.05	50.00	0.20	0.00	2.00	2R	1W	
136.25	139.29	3.04	-	-	-	-	-	-	
139.29	142.34	3.05	-	-	-	-	-	-	
142.34	145.39	3.05	-	-	-	-	-	-	
145.39	148.44	3.05	70.00	0.12	0.00	2.00	2R	1W	
148.44	151.49	3.05	65.00	0.05	0.00	2.00	3R	1W	Mostly rubble
151.49	154.53	3.04	65.00	0.07	0.00	2.00	2R	1W	
		0.00	40.00	0.07	0.00	2.00	2R	1W	
154.53	157.58	3.05	65.00	0.08	0.00	2.00	3R	1W	Bit change, reaming
157.58	160.63	3.05	40.00	0.10	0.00	2.00	2R	2W	
160.63	163.68	3.05	30.00	0.11	0.00	1.00	2R	2W	
163.68	166.73	3.05	25.00	0.09	0.00	2.00	3R	2W	
166.73	169.77	3.04	70.00	0.22	0.00	2.00	3R	1W	
169.77	172.82	3.05	55.00	0.14	0.00	2.00	3R	1W	
172.82	175.87	3.05	-	-	-	-	-	-	Rubble and random fractures
175.87	178.92	3.05	65.00	0.26	0.00	1.00	2R	1W	
178.92	181.97	3.05	-	-	-	-	-	-	Random fractures and gouge
181.97	185.01	3.04	50.00	0.08	0.00	2.00	3R	2W	
185.01	188.06	3.05	-	-	-	-	-	-	Random fractures

KLAZA

188.06	191.11	3.05	-	-	-	-	-	-	Random fractures
191.11	194.16	3.05	20.00	0.15	0.00	1.00	2R	2W	
194.16	197.21	3.05	20.00	0.18	3.00	2.00	2R	2W	
197.21	200.25	3.04	25.00	0.45	0.00	2.00	3R	2W	
200.25	203.30	3.05	65.00	0.09	0.00	2.00	3R	1W	
203.30	206.35	3.05	-	-	-	-	-	-	Random fractures
206.35	209.40	3.05	40.00	0.11	0.00	3.00	2R	2W	
209.40	212.45	3.05	40.00	0.12	0.00	3.00	2R	1W	
212.45	215.49	3.04	-	-	-	-	-	-	Random fractures
215.49	218.54	3.05	60.00	0.05	0.00	2.00	2R	1W	
218.54	221.59	3.05	40.00	0.12	0.00	2.00	2R	2W	
221.59	224.64	3.05	40.00	0.04	0.00	2.00	2R	2W	
224.64	227.69	3.05	35.00	0.21	0.00	1.00	2R	2W	
227.69	230.73	3.04	-	-	-	-	-	-	Rubble
230.73	233.78	3.05	-	-	-	-	-	-	Rubble
233.78	236.83	3.05	60.00	0.13	0.00	2.00	2R	2W	
236.83	239.88	3.05	30.00	0.19	0.00	2.00	3R	1W	
239.88	242.91	3.03	40.00	0.19	0.00	2.00	3R	2W	
242.91	245.97	3.06	20.00	0.45	25.00	1.00	3R	3W	
245.97	249.02	3.05	-	-	-	-	-	-	Random fractures and rubble
249.02	252.07	3.05	55.00	0.26	0.00	2.00	3R	1W	
252.07	255.12	3.05	75.00	0.25	0.00	2.00	3R	1W	
255.12	258.17	3.05	70.00	0.36	0.00	2.00	3R	1W	
258.17	258.41	0.24	35.00	0.23	0.00	2.00	2R	2W	
									EOH @ 258.41m

KLAZA

Hole: DDH-12-101 **Date:**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	OVB
2.00	n/a	OVB
3.00	n/a	OVB
4.00	n/a	OVB
5.00	9.67	
6.00	0.82	
7.00	0.34	
8.00	5.20	
9.00	0.71	
10.00	0.49	
11.00	0.06	
12.00	1.00	
13.00	6.31	
14.00	0.67	
15.00	0.38	
16.00	0.65	
17.00	32.80	
18.00	0.69	
19.00	25.10	
20.00	21.30	
21.00	21.80	
22.00	4.98	
23.00	3.93	
24.00	0.41	
25.00	1.23	
26.00	0.26	
27.00	31.60	
28.00	29.60	
29.00	30.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.69	
31.00	4.05	
32.00	0.41	
33.00	0.32	
34.00	0.12	
35.00	0.10	
36.00	0.12	
37.00	0.71	
38.00	0.18	
39.00	0.16	
40.00	0.22	
41.00	0.14	
42.00	0.20	
43.00	0.02	
44.00	0.28	
45.00	2.00	
46.00	0.79	
47.00	0.36	
48.00	6.00	
49.00	0.53	
50.00	0.22	
51.00	1.02	
52.00	2.00	
53.00	9.38	
54.00	10.10	
55.00	16.30	
56.00	15.90	
57.00	10.20	
58.00	9.51	
59.00	0.34	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	12.30	
61.00	7.09	
62.00	0.53	
63.00	3.38	
64.00	0.08	
65.00	1.18	
66.00	2.80	
67.00	8.73	
68.00	0.38	
69.00	0.59	
70.00	0.26	
71.00	0.71	
72.00	0.36	
73.00	0.24	
74.00	0.24	
75.00	0.18	
76.00	0.18	
77.00	0.26	
78.00	3.03	
79.00	9.45	
80.00	0.63	
81.00	0.24	
82.00	0.26	
83.00	0.18	
84.00	3.21	
85.00	1.16	
86.00	n/a	
87.00	n/a	
88.00	n/a	
89.00	n/a	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	n/a	
91.00	n/a	
92.00	n/a	
93.00	n/a	
94.00	n/a	
95.00	n/a	
96.00	n/a	
97.00	n/a	
98.00	n/a	
99.00	n/a	
100.00	n/a	
101.00	n/a	
102.00	n/a	
103.00	21.70	
104.00	26.20	
105.00	29.80	
106.00	0.98	
107.00	8.61	
108.00	0.88	
109.00	2.19	
110.00	0.55	
111.00	0.45	
112.00	1.20	
113.00	0.24	
114.00	0.36	
115.00	0.45	
116.00	1.76	
117.00	0.38	
118.00	0.65	
119.00	16.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	1.10	
121.00	23.80	
122.00	18.70	
123.00	1.20	
124.00	0.45	
125.00	11.80	
126.00	5.04	
127.00	0.69	
128.00	15.40	
129.00	25.90	
130.00	19.00	
131.00	0.34	
132.00	0.22	
133.00	0.26	
134.00	1.08	
135.00	1.49	
136.00	3.46	
137.00	16.20	
138.00	5.51	
139.00	22.40	
140.00	1.98	
141.00	6.17	
142.00	0.94	
143.00	0.45	
144.00	0.71	
145.00	0.34	
146.00	0.43	
147.00	0.38	
148.00	3.34	
149.00	0.57	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.57	
151.00	0.96	
152.00	0.32	
153.00	15.60	
154.00	0.82	
155.00	16.60	
156.00	0.24	
157.00	0.45	
158.00	8.56	
159.00	1.96	
160.00	0.32	
161.00	0.51	
162.00	6.88	
163.00	0.45	
164.00	2.54	
165.00	12.60	
166.00	0.43	
167.00	0.86	
168.00	1.23	
169.00	2.17	
170.00	10.80	
171.00	13.00	
172.00	3.44	
173.00	0.28	
174.00	6.12	
175.00	0.69	
176.00	11.50	
177.00	2.50	
178.00	0.71	
179.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	15.50	
181.00	1.00	
182.00	0.24	
183.00	0.24	
184.00	1.78	
185.00	0.20	
186.00	0.41	
187.00	1.18	
188.00	0.14	
189.00	0.20	
190.00	0.57	
191.00	0.24	
192.00	0.20	
193.00	0.22	
194.00	0.22	
195.00	0.24	
196.00	0.41	
197.00	9.02	
198.00	0.30	
199.00	0.26	
200.00	1.35	
201.00	0.79	
202.00	5.90	
203.00	1.53	
204.00	0.53	
205.00	2.05	
206.00	4.44	
207.00	0.59	
208.00	1.49	
209.00	0.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	3.85	
211.00	1.66	
212.00	0.73	
213.00	1.12	
214.00	1.51	
215.00	1.23	
216.00	14.70	
217.00	0.47	
218.00	1.90	
219.00	18.00	
220.00	2.66	
221.00	17.30	
222.00	1.57	
223.00	0.98	
224.00	0.26	
225.00	0.98	
226.00	1.80	
227.00	1.29	
228.00	0.30	
229.00	0.26	
230.00	0.34	
231.00	0.55	
232.00	1.33	
233.00	0.28	
234.00	3.64	
235.00	2.07	
236.00	0.28	
237.00	0.71	
238.00	0.32	
239.00	0.82	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.67	
241.00	5.00	
242.00	0.75	
243.00	0.65	
244.00	0.36	
245.00	0.24	
246.00	0.20	
247.00	0.43	
248.00	0.53	
249.00	0.18	
250.00	0.71	
251.00	0.38	
252.00	1.39	
253.00	1.68	
254.00	5.88	
255.00	0.96	
256.00	11.80	
257.00	11.10	
258.00	13.90	
		EOH

KLAZA

Hole: **DDH-12-101** **Date: Aug 2012**

Box #	From (m)	To (m)
1	4.57	9.52
2	9.52	15.23
3	15.23	20.59
4	20.59	26.30
5	26.30	32.13
6	32.13	37.44
7	37.44	42.77
8	42.77	48.32
9	48.32	53.17
10	53.17	58.75
11	58.75	63.73
12	63.73	68.96
13	68.96	74.39
14	74.39	79.70
15	79.70	85.01
16	85.01	90.63
17	90.63	96.57
18	96.57	102.72
19	102.72	107.00
20	107.00	111.86
21	111.86	117.30
22	117.30	122.43
23	122.43	128.44
24	128.44	133.61
25	133.61	138.95
26	138.95	144.42
27	144.42	149.80
28	149.80	155.06
29	155.06	159.41

KLAZA

30	159.41	164.74
31	164.74	170.14
32	170.14	175.20
33	175.20	180.78
34	180.78	186.18
35	186.18	191.41
36	191.41	197.21
37	197.21	202.94
38	202.94	208.72
39	208.72	214.12
40	214.12	219.99
41	219.99	225.62
42	225.62	231.04
43	231.04	235.98
44	235.98	242.64
45	242.64	246.93
46	246.93	252.78
47	252.78	258.41
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			381964.56	6889697	1331.655	334.37

SECTION:

HOLE: KL-DDH-12-102

CLAIM: YC37986

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: 6.10 (m) in / **out**

Drilling dates: Aug 6 - 9, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	50.03	50.03	GRD	Unaltered, heavily oxidized, rubbly-fractured granodiorite with calcite crystal growth in vugs and on fractures.
50.03	84.26	34.23	GRD	Very weak propyllitic granodiorite crosscut by occasional quartz veinlets with phyllic envelopes.
84.26	158.75	74.49	GRD	Moderate propyllitic granodiorite with patchy argillic alteration and phyllic envelopes on crosscutting veins.
158.75	174.47	15.72	GRD	Unaltered granodiorite with crosscutting quartz-carbonated veinlets.
174.47	288.65	114.18	GRD	Weak propyllitic granodiorite with long patches of hematite-rich rubbly-stained zones, patchy argillic alteration and phyllic envelopes on crosscutting veins.
288.65	298.45	9.80	GRD	Strongly propyllitic granodiorite with phyllic envelopes on crosscutting veins. Prominent vein
298.45	305.99	7.54	FEL	Green-brown quartz feldspar porphyry dyke.
305.99	312.74	6.75	GRD	Moderate propyllitic granodiorite hosting a thick vein zone with strong sulphide mineralization and epithermal textures.
312.74	334.37	21.63	GRD	Unaltered granodiorite with two major mineralized quartz veins.
				EOH

SAMPLES

Numbers: N814205-N814402

Total: 198

Batch: 102-1 to 102-6

Date Sent:

Certificate:

COMMENTS

EOH @ 334.37m

KLAZA

Hole: KL-DDH-12-102 **Logger Name:** **Teresa Cruz** **Date: July 30**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	50.03	50.03				mKgW	GRD	MG	MD	BN	FR	5I	2I					LI	8.00		Unaltered, heavily oxidized, rubbly-fractured granodiorite. Oxidation is pervasive and very strong, and often breaks competent core to clayey mud and pebbles. Oxide staining is strongest on fracture faces and pervasive until 29.70m. Calcite crystal growth is seen in vugs and some fracture faces. Weak silica flooding after 32.61m.
										GY	RB							GO	6.00		
50.03	84.26	34.23				mKgW	GRD	MG	MD	GN		2I		PRO	1I						Unaltered granodiorite grades into very weak propyllitic, giving a hint of green colour. Crosscut by occasional quartz veinlets with phyllic envelopes.
										GY											
			72.62	72.91	0.29	mKgW	GRD	MG	MD	PK	XL			ARG	4I						Strong argillic granodiorite.
										GY											
84.26	158.75	74.49				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite with crosscutting veins with phyllic envelopes and patchy argillic. Some short patches of disseminated fine-grained pyrite.
										GY	PA										
			90.83	92.03	1.20	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate phyllic due to overlapping phyllic vein envelopes.
										GY											
			100.49	102.14	1.65	mKgW	GRD	MG	MD	GN	PA			PHC	2I	1.00					Moderate phyllic with patchy argillic, crosscut y a thick (32cm) vein zone of smoky quartz. Hosts weakly disseminated pyrite.
										GY				ARG	4I						
			106.28	109.68	3.40	mKgW	GRD	MG	MD	GN	FR			PRO	4I			HE	3.00		Strong propyllitic granodiorite with red hematite staining along fractures and crosscutting veinlets.
										GY											
			112.27	114.24	1.97	mKgW	GRD	MG	MD	GN	RB			PHC	4I	1.00					Strongly phyllic altered granodiorite crosscut by quartz veins. Weakly gouged-clay altered and somewhat rubbly.
										GY	GO										
			121.24	122.02	0.78	mKgW	GRD	MG	MD	GN	XL			PHC	3I			HE	8.00		Moderate phyllic granodiorite crosscut by three white quartz veinlets. Mottled green-pink due to pink hematite staining.
										PK											
			133.58	135.22	1.64	mKgW	GRD	MG	MD	GN	FR		2I	PRO	3I			HE	8.00		Moderate propyllitic granodiorite with partial texture destruction by silica flooding, showing quartz eyes. Mottled green-pink due to pink-red hematite staining and weak potassic alteration crosscut by white calcite veinlets.
										PK				POT	2I			CA	####		
			146.27	150.70	4.43	mKgW	GRD	MG	MD	GN	GO			PRO	3I			HE	6.00		Moderate-strong propyllitic granodiorite with moderate-strong clay alteration and gouge. Strong hematite red-staining. Rubbly, crosscut by quartz veins.
										RD	RB			CLY	3I						
			152.84	158.49	5.65	mKgW	GRD	MG	MD	GN	GO			PRO	3I			HE	6.00		Moderate-strong propyllitic granodiorite with moderate-strong clay alteration and gouge. Strong hematite red-staining. Rubbly, crosscut by quartz veins.
										RD	RB			CLY	3I						
158.75	174.47	15.72				mKgW	GRD	MG	MD	GY	XL										Unaltered granodiorite with crosscutting quartz-carbonate veinlets.
174.47	288.65	114.18				mKgW	GRD	MG	MD	GN	PA			PRO	2I						Weak propyllitic granodiorite with crosscutting quartz-carbonate veins with phyllic envelopes, and patchy argillic alteration.
										GY				PHC	2I						
														ARG	2I						
			188.06	190.12	2.06	mKgW	GRD	MG	MD	GN	XL			PRO	4I						Dark green-red granodiorite due to overprinting propyllitic and hematite.
										RD				HEM	3I						
			190.84	191.43	0.59	mKgW	GRD	MG	MD	GN	RB			PRO	4I						Strongly propyllitic granodiorite with moderate clay alteration. Rubbly and crumbled.
														CLY	3I						
			191.64	192.28	0.64	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate-strong phyllic granodiorite crosscut by netted-clay altered quartz-carbonate veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			194.16	194.65	0.49	mKgW	GRD	MG	MD	BK				HEM	5I						Very strongly hematized granodiorite.
										RD											
			196.75	197.90	1.15	mKgW	GRD	MG	MD	GN				PHC	4I	1.00					Strongly phyllic granodiorite hosting disseminated-blebby pyrite.
			197.90	199.83	1.93	mKgW	GRD	MG	MD	GN	RB			HEM	4I						Strongly hematized granodiorite with patchy argillic and propyllitic. Crosscut by quartz-carbonate veinlets. Rubbly toward the end of the interval.
										RD	PA			ARG	2I						
														PRO	2I						
			212.45	213.03	0.58	mKgW	GRD	MG	MD	GN	CR			PRO	4I				CL	#	Intensely chloritized granodiorite crosscut by thin quartz veinlets.
			213.03	216.97	3.94	mKgW	GRD	MG	MD	GN	RB			HEM	4I						Strongly hematized granodiorite with patchy argillic and propyllitic. Crosscut by quartz-carbonate veinlets. Rubbly toward the end of the interval.
										RD	PA			ARG	1I						
														PRO	3I						
			245.11	296.03	50.92	mKgW	GRD	MG	LT	GN	GO			PHC	3I						Moderately phyllic envelope around crosscutting quartz-calcite veinlets.
									MD												
			267.67	273.76	6.09	mKgW	GRD	MG	MD	GN	FT			PHC	4I				HE	#	Weakly faulted moderate-strong phyllic granodiorite with patchy red hematite staining-alteration. Crosscut by white-cream quartz-carbonate veins and veinlets.
										RD				HEM	2I						
			273.76	288.01	14.25	mKgW	GRD	MG	MD	GN	PA			PRO	4I						Moderate-strong propyllitic granodiorite with patchy argillic and phyllic, especially seen as halos around crosscutting quartz veins. Weak dendritic hematite alteration gives a red colouration, especially on quartz veins.
										CR				ARG	2I						
288.65	298.45	9.80				mKgW	GRD	MG	MD	GN	PA			PHC	3I						Strongly propyllitic granodiorite with patchy strong-moderate phyllic envelopes on crosscutting veins. Weakly faulted, with some argillic outer halos on veins. Hosts a prominent vein zone with 7-10 thick veins with strong mineralization and epithermal textures, with complete sulphide suites.
														HEM	2I						
														PHC	3I						
298.45	305.99	7.54				LKqP	FEL	FG	MD	GN	PO			PRO	4I						Thick green-brown quartz feldspar porphyry dyke with 1-3mm sericite altered quartz and feldspar phenocrysts. Brown dyke shows stronger flow banding than green dyke. Has thick, heavily mineralized dyke selvedges.
										BN	GO			ARG	2I						
305.99	312.74	6.75				mKgW	GRD	MG	MD	GN	XL			SER	3I				SE	#	Dominantly moderate propyllitic granodiorite with a thickly mineralized dyke selvedge. Hosts a thick vein zone with the full sulphide suite and veins showing strong epithermal textures. Weakly gouged, especially near the dyke.
										GY											
312.74	334.37	21.63				mKgW	GRD	MG	MD	GY	XL										Unaltered granodiorite with occasional (1-2 per metre) white quartz-carbonate veinlets. Crosscut by two major quartz veins between 324-325m depth.
																					EOH

KLAZA

Hole: KL-DDH-12-102 Logger Name: Teresa Cruz Date: July 30

Depth (m)		DESCRIPTION
298.43		Undulatory-blended 65 degree contact between hanging wall phyllic granodiorite with thickly veined selvedge and foot wall olive green quartz feldspar porphyry dyke.
305.95		Sharp 70 degree flow banded, weakly clay altered contact between hanging wall - gouged quartz feldspar porphyry dyke and foot wall - mineralized dyke selvedge in phyllic granodiorite.
		EOH

KLAZA

Hole: KL-DDH-12-102 **Logger Name:** Teresa Cruz **Date:** July 30

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	16.60	18.22	65.00		6.00			Vuggy, coarse crystalline calcite veins, with heavy brown oxide staining.	
VT	26.41	28.06	70.00		20.00			Massive-banded white quartz-carbonate veinlets with brown oxide staining.	
VN	29.63	29.64	60.00			Py	3.00	Vuggy white-brown oxide-stained quartz carbonated vein with disseminated pyrite, and evidence of sulphide removal.	
VT	34.82	35.64	80.00		5.00			Banded white-grey quartz-calcite veinlets with heavy brown oxide staining.	
VT	54.06	54.07	60.00					White massive-banded quartz veinlet with heavy oxide staining.	
VN	54.45	54.47	50.00			Py	10.00	Grey-white translucent banded quartz vein with blebby pyrite.	
VT	56.58	61.66	60.00		9.00			Nine milky-grey weakly banded quartz veinlets.	
VT	62.06	63.66	70.00		2.00	Py	6.00	Two banded white-grey quartz veinlets, hosting blebby-disseminated pyrite along white-grey quartz contacts.	
VT	65.69	66.31	75.00		8.00	Py	1.00	Eight white-grey massive quartz veinlets with varying degrees of clay alteration. Hosts weakly disseminated pyrite.	
VN	73.01	73.05	80.00			Py	15.00	4cm quartz vein. First 2cm is grey semitranslucent quartz with fine grained pyrite veinlets. Second 2cm is milky-white quartz vein.	
VN	75.43	75.45	60.00			Py	3.00	Banded off-white-milky semitranslucent quartz vein with disseminated pyrite along band interfaces.	
VN	80.11	80.13	75.00			Py	10.00	Milky-light pink banded-crustiform quartz vein, with disseminated fine-grained pyrite along the outer edges.	
VT	80.98	80.99	65.00			Py	6.00	Weakly banded white-grey quartz veinlet with red disseminated hematite and blebby pyrite.	
						He	4.00		
VT	85.87	86.52	60.00		9.00	Py	8.00	Nine white-grey banded-vuggy quartz veinlets hosting blebby-disseminated pyrite and possible-infrequent trace disseminated arsenopyrite.	
						As	1.00		
VN	86.81	87.33	80.00		3.00	Py	1.00	White vuggy-banded quartz veins with pink-red hematite staining and trace disseminated fine-grained pyrite.	
						He	12.00		
VN	88.00	88.03	70.00			Py	8.00	White-grey undulatory banded quartz vein with disseminated-blebby pyrite and a fine-grained pyrite stringers.	
VN	91.22	91.24	60.00			Py	10.00	Discontinuous-weakly banded milky-grey quartz vein hosting disseminated fine-grained pyrite stringers.	
VN	91.80	91.87	50.00			Py	20.00	7cm smoky quartz vein that brecciated an earlier cream chalcedony veinlet, and is crosscut-mixed with milky quartz veinlets and lenses. Smoky quartz hosts fine-grained disseminated pyrite and discontinuous pyrite stringers.	
VT	97.63	97.71	40.00		2.00	Py	6.00	Grey quartz veinlets with interstitial white-milky quartz, stained by red hematite and hosting disseminated-blebby fine-grained pyrite.	
						He	8.00		
VN	101.38	101.70	55.00			Py	25.00	Thick smoky quartz vein with crosscutting-blended relationships with several later cream-milky vuggy-crustiform quartz veinlets. Crosscut by discontinuous pyrite stringers. Smoky-grey quartz hosts disseminated-blebby pyrite and blebby sphalerite.	
						Sp	1.00		
VT	105.32	105.76	70.00		4.00			Four white-milky massive quartz veinlets.	
VN	105.87	106.00	50.00		2.00			Two weakly-moderately clay altered grey weakly banded quartz veins.	
VN	111.13	111.14	80.00					White massive quartz-calcite vein.	
VN	112.93	113.48	30.00		3.00	Py	10.00	Three thick (3-4cm) banded white-grey-smoky quartz veins with white vuggy quartz, grey-smoky quartz hosts disseminated pyrite. Vein envelopes are weakly-moderately clay altered.	
VT	117.04	117.59	60.00		6.00			Six white semitranslucent crustiform-massive quartz veinlets.	
VT	120.24	121.94	70.00		9.00			Nine white weakly banded quartz veinlets.	
VT	125.02	125.03	45.00			Py	2.00	White-grey semitranslucent quartz veinlets with disseminated pyrite.	
VN	129.65	129.66	70.00			Py	3.00	Banded white-smoky-yellow quartz vein with disseminated-blebby pyrite.	
VT	134.36	135.01	30.00		14.00			White calcite veinlets with red hematite staining, acting as points of weakness in the rock.	
VT	140.01	140.02	90.00			Py	4.00	White-smoky banded translucent quartz veinlet with disseminated pyrite.	
VN	142.15	142.17	80.00			Py	10.00	Grey-white semitranslucent banded quartz vein with disseminated pyrite along the colour contacts.	
VN	146.72	147.00	20.00			He	40.00	Thick, strongly clay altered and red hematite stained milky quartz vein.	
VN	147.15	147.23	70.00			Py	8.00	Thick, weakly banded-crustiform white-cream quartz vein with disseminated-blebby pyrite.	
VN	148.01	148.04	70.00			Py	5.00	Milky-smoky clay altered quartz vein with disseminated pyrite.	
VN	148.15	148.27	60.00			Py	6.00	Milky-smoky blended-mixed quartz vein with disseminated pyrite.	
VN	150.65	150.72	20.00			Py	2.00	Heavily red-purple hematite stained, fractured and clay altered quartz vein.	
						He	30.00		
VN	152.84	158.36	35.00		12.00	Py	20.00	Heavily red-purple hematite stained, fractured and clay altered quartz veins. Exact number of veins is difficult to determine due to heavy fracturing and gouge.	
						He	30.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	158.62	158.75	60.00			Py	15.00	Alternating bands of smoky-white crustiform quartz with crosscutting netted carbonated veinlets and blebby-disseminated pyrite hosted in smoky quartz.	
VT	170.40	170.50	45.00		3.00	Py	20.00	Discontinuous white-smoky quartz veinlets with disseminated-blebby pyrite.	
VN	172.24	172.27	75.00			Py	15.00	White-smoky thinly banded quartz vein with 2cm mossy yellow-white massive quartz central vein. Pyrite stringers and disseminated-blebby pyrite hosted in smoky quartz and along vein borders in phyllic envelopes.	
VN	181.43	181.99	60.00		7.00			Weakly crustiform cream-pink-white chalcedony and carbonate veinlets.	
VN	182.54	182.72	30.00		2.00	Py	1.00	Two weakly banded-discontinuous white-cream-grey quartz veins with trace disseminated fine-grained pyrite.	
VN	183.11	183.40	50.00			Py	7.00	White-grey blended with weak banding and crustiform quartz. Isolated pyrite-rich smoky quartz lenses and discontinuous veinlets.	x
VT	189.26	189.27	30.00			Py	3.00	Semitranslucent white-cream quartz veinlet with disseminated pyrite.	
GO	190.87	191.36	70.00					Moderately gouged propyllitic granodiorite.	
VN	191.95	192.05	80.00			Py	8.00	White-cream-grey branching and weakly crustiform quartz vein, with a crosscutting smoky quartz veinlet hosting disseminated pyrite.	
VT	196.74	197.84	30.00		6.00	Py	10.00	Six white-cream discontinuous weakly banded quartz veinlets hosting fine-grained disseminated-blebby pyrite.	
VT	199.40	200.73	30.00		13.00			Several white, red-stained calcite veinlets (some veins) crosscutting granodiorite at angles between 20-50 degrees, averaging at 30 degrees TCA.	
VT	211.87	211.92	70.00		2.00	Py	1.00	Two weakly banded white-smoky semitranslucent quartz veinlets, hosting trace disseminated pyrite.	
GO	212.30	212.45	60.00					Moderately gouged granodiorite.	
VT	212.92	215.60	30.00		4.00	Py	8.00	Four white calcite veinlets at varying lower angles (0-45 degrees), with red hematite staining and disseminated fine-grained pyrite.	
						He	20.00		
VT	224.95	224.96	70.00					Milky banded quartz veinlet with white calcite at its centre.	
VN	231.34	231.37	90.00			Py	15.00	Poorly defined smoky quartz vein with parallel-shallowly crosscutting white quartz-carbonate veinlets. Smoky quartz hosts blebby-disseminated pyrite, blebby-disseminated arsenopyrite, and blebby honey brown sphalerite.	
						Sp	2.00		
						As	6.00		
VT	231.81	231.83	60.00			Py	10.00	Smoky-grey quartz veinlet with parallel-oriented fine-grained discontinuous pyrite stringers.	
VN	231.88	231.90	70.00					Massive-crackled semitranslucent grey quartz vein hosting angular clasts of white-milky quartz and granodiorite.	
VT	232.01	232.02	60.00			Py	15.00	Smoky-grey quartz veinlet with parallel-oriented fine-grained discontinuous pyrite stringers and disseminated pyrite in its phyllic envelopes.	
VT	232.05	232.06	75.00			Py	5.00	Cream-white chalcedony veinlet with discontinuous grey-white quartz veinlets on either side. Hosts disseminated pyrite in the grey-white quartz.	
VT	232.10	232.12	55.00			Py	8.00	Grey massive semitranslucent quartz veinlet with central discontinuous smoky quartz veinlets. Grey quartz hosts disseminated pyrite, smoky quartz hosts disseminated-blebby pyrite and arsenopyrite.	
						Sp	3.00		
						As	5.00		
VT	235.38	238.97	65.00		9.00	Py	1.00	Nine weakly banded white-grey quartz veinlets with dark green chlorite borders, hosting weakly disseminated pyrite.	
VN	240.25	240.27	90.00			Py	8.00	White-grey banded semitranslucent quartz vein with disseminated pyrite.	
FT	240.71	241.78	35.00					Long, moderately developed fault zone with many 30 degrees TCA fractures.	
VN	242.27	242.28	80.00			Py	2.00	1cm banded grey-smoky-cream quartz vein with disseminated pyrite.	
VT	244.84	245.50	75.00		5.00	Py	2.00	White-cream semitranslucent banded quartz veinlets with weakly disseminated pyrite.	
GO	245.31	245.32	80.00			Py	2.00	Strongly gouged-clay altered white-grey quartz vein hosting disseminated pyrite.	
VN	245.80	245.86	70.00					Cream weakly crustiform-massive quartz vein.	
VN	252.50	252.53	10.00			He	15.00	Mossy-massive olive green epidote vein with disseminated red hematite.	
VN	261.72	261.74	75.00			Py	6.00	Undulatory banded white-cream-grey quartz-calcite veins hosting disseminated pyrite in semitranslucent grey quartz.	
VT	264.23	264.24	70.00					White-cream crustiform chalcedony veinlet.	
FT	267.56	267.67	60.00					Moderately faulted propyllitic granodiorite with moderate red hematite staining on a slickenside.	
GO	268.78	268.08	40.00					Moderately gouged phyllic granodiorite with crosscutting white semitranslucent quartz vein.	
VT	268.41	268.43	30.00					Moderately clay altered white massive quartz vein.	
VT	270.26	270.27	45.00			Py	10.00	White massive-weakly banded quartz veinlet with disseminated-blebby pyrite.	
VN	270.47	270.51	75.00					Cream chalcedony vein with central massive white calcite vein.	
VT	271.05	271.89	65.00		6.00	Py	5.00	White massive-weakly crustiform quartz with disseminated-blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	272.22	272.74	70.00		5.00	Py	10.00	Five weakly banded milky-cream-grey semitranslucent quartz veins with disseminated-blebby mossy pyrite. Shows weak vugs.	
VT	272.95	273.03	85.00		3.00	Py	10.00	Three grey quartz veinlets that bleed out into the host granodiorite. Hosts discontinuous pyrite stringers, disseminated pyrite, and disseminated-blebby sphalerite and arsenopyrite.	
						As	5.00		
						Sp	3.00		
VN	272.40	273.52	70.00			Py	15.00	Thick quartz vein made of alternating cream-grey-white-smoky quartz bands. Crosscut by fine-grained discontinuous pyrite stringers, and discontinuous honey brown sphalerite stringers. Hosts disseminated-blebby pyrite, blebby honey brown sphalerite, and blebby galena.	
						Sp	8.00		
						Gn	6.00		
VT	276.31	287.03	65.00		30.00			Thirty cream-white chalcedony veinlets with thick phyllic envelopes.	
VN	288.34	288.40	80.00					Milky-cream vuggy chalcedony-quartz vein.	
VN	288.50	288.61	85.00			Py	8.00	Thick quartz vein. 9cm massive-crustiform milky quartz-chalcedony veins, then 2cm banded grey-smoky quartz vein with discontinuous fine-grained pyrite and honey brown sphalerite stringers. Also hosts blebby-disseminated pyrite and finely matted small acicular crystals of arsenopyrite (possibly a sulphosalt).	
						Sp	12.00		
						As	5.00		
VT	291.34	291.45	60.00		4.00	Py	15.00	Four massive-weakly banded milky quartz veinlets with parallel discontinuous fine-grained dark pyrite stringers.	
VN	292.63	292.74	55.00			Py	6.00	Thick milky quartz vein showing complex netted-crustiform-colloform textures. Hosts 1mm subangular clasts of a brecciated grey translucent quartz veinlet. Uphole border is paralleled by a thin, discontinuous fine-grained dark bronze pyrite stringer.	x
GO	292.76	292.98	50.00		2.00			Two strongly gouged white-grey quartz veinlets.	
VT	294.44	294.46	20.00					Low angle faulted white massive calcite veinlet.	
FT	295.08	295.11	30.00					Moderately faulted white massive calcite veinlet in propyllitic granodiorite.	
VN	296.97	297.06	50.00			Py	20.00	Milky semitranslucent massive quartz vein with indistinct edges. Hosts disseminated-blebby pyrite throughout. Uphole border is netted by very thin cream carbonate veinlets, and significant blebby-disseminated pyrite is hosted in the crosscut phyllic granodiorite.	x
VT	297.12	297.18	40.00		2.00	Py	40.00	Two smoky-grey quartz veinlets with weak banding. Hosts discontinuous fine-grained dark grey-bronze pyrite stringers.	
VN	297.37	297.61	50.00			Py	30.00	Complex vein: first 10 cm is massive milky quartz hosting massive pyrite (approximately 70% of the first 10cm). Followed by 2cm of massive milky quartz hosting massive-felted acicular crystals of arsenopyrite, with interstitial blebs of honey brown sphalerite and blebby-massive galena along the downhole edge of the massive arsenopyrite vein. Then 7cm of milky-grey crustiform-vuggy-feathery quartz hosting a 2cm parallel vein of blebby-massive honey brown sphalerite and blebby-massive galena. Ends with 3cm of mixed milky-grey semitranslucent and weakly banded quartz hosting blebby-disseminated pyrite and dark bronze discontinuous pyrite stringers.	x
						Sp	5.00		
						Gn	8.00		
						As	15.00		
VN	297.70	297.76	60.00			Py	10.00	Cream-pink vuggy quartz vein crosscut by white massive-discontinuous calcite veinlets. Discontinuous smoky quartz veinlets run parallel to pink quartz uphole border and hosts blebby-disseminated pyrite.	
VN	297.87	297.94	90.00			Py	8.00	Thick cream-pink crustiform-vuggy chalcedony-quartz vein, discontinuous smoky quartz veinlet along up and down hole borders. Smoky quartz hosts disseminated-blebby pyrite and discontinuous honey brown sphalerite stringers. Cream-pink quartz hosts blebby pyrite, blebby arsenopyrite, blebby sphalerite, blebby galena, and rare isolated crystals of bornite showing green-purple "peacock" colouration.	x
						Sp	5.00		
						As	3.00		
						Bo	1.00		
						Gn	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	298.06	298.43	65.00			Py	10.00	Thick dyke selvedge with complex relationship and heterolithic breccia. First 2-3cm is grey-white semitranslucent quartz finely netted-brecciated by milky quartz veinlets, hosting disseminated-blebby pyrite, blebby galena, blebby honey brown sphalerite, and disseminated pyrite. Next is 2-3cm of semi massive-crustiform milky quartz with weak vugs and 1-2mm interstitial translucent quartz. Next, 3-4cm of grey-white semitranslucent quartz finely netted-brecciated by thin milky quartz veinlets, hosting disseminated-blebby pyrite, disseminated-blebby honey brown sphalerite, disseminated-blebby galena, and blebby-disseminated arsenopyrite. Followed by 2-4cm of black siliceous breccia, where subangular 2mm clasts of adjacent units are hosted within. Black silica is consistently mineralized by fine-grained disseminated pyrite with occasional blebs of pyrite. Then, 4cm of cream-orange-grey blended-brecciated weakly oxide stained massive quartz. Hosts several large clasts of the preceding black breccia. 5-6cm orange oxide stained quartz brecciating a weakly banded grey quartz vein. Some clasts have been partially-fully replaced by pyrite and galena. Final 14cm is grey-smoky quartz that brecciated phyllic granodiorite. Grey-smoky quartz was then brecciated by a milky quartz vein, and then crosscut by brown-orange oxide stained massive quartz veinlets. Hosts disseminated-massive pyrite, blebby-massive galena, blebby-disseminated honey brown sphalerite, and disseminated-blebby arsenopyrite.	x
						Sp	6.00		
						Gn	6.00		
						As	2.00		
VT	298.43	300.84	50.00		14.00	Py	8.00	Discontinuous weak-moderately clay altered massive-crustiform quartz veinlets with disseminated pyrite in porphyry dyke.	
GO	305.68	305.95	70.00					Weakly gouged quartz feldspar porphyry dyke where it contacts phyllic granodiorite.	
VN	305.98	306.12	70.00			Py	10.00	Grey semitranslucent quartz vein, netted by grey-milky quartz veinlets. Hosts disseminated-blebby pyrite. Ends in 4cm of massive light grey opaque quartz vein.	
GO	306.12	306.20	70.00			Py	3.00	Weakly-moderately gouged-clay altered phyllic granodiorite crosscut by grey-white quartz veinlets with disseminated pyrite.	
GO	306.56	306.60	65.00			Py	2.00	Moderately gouged-clay altered phyllic granodiorite crosscut by grey-white quartz veinlets with disseminated pyrite.	
VN	306.70	306.77	75.00			Py	25.00	Thick crackled white semitranslucent quartz vein with small vugs, crosscut by two discontinuous cream vuggy chalcedony veinlets. Hosts massive pyrite, disseminated-blebby pyrite in phyllic envelope, and disseminated-blebby arsenopyrite.	x
						As	2.00		
VN	306.89	306.96	60.00			Py	40.00	Thick crackled white semitranslucent quartz vein with a central vein of massive pyrite and blebby-massive pyrite along its outer edges.	
VT	307.10	307.11	55.00			Py	15.00	White-grey moderately clay altered quartz veinlet hosting disseminated-blebby pyrite.	
VN	307.20	307.27	75.00			Py	10.00	Primarily white semitranslucent crackled-vuggy quartz hosting thickly disseminated-massive galena, thick discontinuous stringers and blebs of honey brown zoned sphalerite, blebby pyrite, and interstitial arsenopyrite.	x
						Sp	20.00		
						Gn	30.00		
						As	6.00		
VN	307.37	307.51	80.00		2.00	Py	10.00	Weakly gouged white massive semitranslucent quartz veins with central blebby-massive honey brown sphalerite, and blebby-disseminated pyrite throughout.	
						Sp	15.00		
						Gn	3.00		
VN	307.62	307.64	75.00			Py	15.00	White crackled-massive quartz vein with a central discontinuous pyrite-sphalerite stringers, and blebby-disseminated pyrite and honey brown sphalerite.	
						Sp	5.00		
VN	307.80	307.82	85.00			Py	10.00	Massive-crackled mixed white-grey semitranslucent quartz vein with disseminated-blebby pyrite.	
VN	307.93	308.08	70.00			Py	20.00	Thick massive-crackled-vuggy white-milky semitranslucent quartz vein, netted by cream vuggy chalcedony veinlets. Crosscut by discontinuous low angle smoky quartz veinlets and pyrite stringers. Hosts blebby pyrite and disseminated-blebby arsenopyrite.	x
						As	3.00		
						Ch	10.00		
VT	308.08	308.26	65.00		4.00	Py	10.00	Four discontinuous white-grey semitranslucent quartz veinlets hosting disseminated-blebby pyrite and dark fine-grained discontinuous pyrite stringers, quartz veinlet weakly-moderately silica flooding the surrounding phyllic granodiorite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	308.27	308.32	75.00			Py	15.00	Thick massive-weakly banded black quartz vein with discontinuous white quartz veinlets parallel to the black quartz bands. Subcentimetric moderately-strongly gouged white-grey quartz borders on each side.	
VN	308.44	308.49	70.00			Py	10.00	Blended-mixed grey-milky quartz vein with small (<4mm) subrounded phyllic granodiorite clasts. Hosts parallel discontinuous pyrite stringers and disseminated arsenopyrite.	
						As	2.00		
GO	308.53	308.57	80.00			Py	20.00	Strongly gouged dark grey quartz vein hosting disseminated pyrite.	
GO	308.82	308.87	80.00			Py	2.00	Weakly-moderately gouge-clay alteration in phyllic granodiorite, netted by calcite veinlets that follow the gouged weaknesses Hosts disseminated pyrite.	
VT	308.98	308.99	60.00					Cream-milky quartz veinlet.	
VT	309.12	309.23	70.00		3.00	Py	15.00	Three 2-3mm thick vuggy-banded milky-pink quartz veinlets hosting disseminated-blebby pyrite, blebby honey brown sphalerite.	
						Sp	2.00		x
VN	309.13	309.16	60.00			Py	6.00	Cream-milky quartz vein with weak banding and interstitial translucent grey quartz. Hosts blebby-disseminated galena that preferentially develops along quartz bands.	
						Gn	15.00		
VT	309.33	309.34	45.00			Py	30.00	Grey semitranslucent quartz veinlet with weak banding. Hosts blebby-massive pyrite at its centre.	
VT	309.35	309.36	20.00			Py	15.00	Dark grey semitranslucent massive quartz veinlet with disseminated-blebby pyrite.	
VT	310.88	310.89	70.00			Py	8.00	Alternating bands of grey-white translucent quartz, hosting disseminated-blebby pyrite and blebby galena.	
						Gn	6.00		
VT	311.24	311.25	80.00			Py	6.00	Alternating bands of grey-white translucent quartz, hosting disseminated-blebby pyrite.	
VT	312.06	312.07	30.00					Yellow chalcedony veinlet with parallel-adjacent white calcite veinlet.	
VN	320.31	320.32	50.00			Py	20.00	Weakly banded grey-white semitranslucent quartz vein with parallel discontinuous pyrite stringers and disseminated pyrite.	
VT	322.89	322.90	45.00					Milky-white banded quartz veinlet.	
VT	324.32	324.36	70.00		3.00	Py	15.00	Three closely space cream-white crustiform chalcedony veinlets with central vugs filled by white calcite. Chalcedony veinlets are bordered by grey semitranslucent quartz that hosts blebby pyrite and arsenopyrite.	
						As	3.00		
VN	324.54	324.68	90.00			Py	10.00	Thick, complex quartz vein. Original vein was grey translucent massive quartz. Then crosscut by netted cream chalcedony veinlets. Milky comb quartz on cream chalcedony veinlet borders. Then crosscut by cryptocrystalline grey massive quartz-calcite vein. Disseminated-blebby pyrite and acicular arsenopyrite (or sulphosalt) needles are concentrated at the comb quartz and grey quartz interface. Shows weak cockade textures.	x
						Sp	2.00		
						As	6.00		
						Ca	10.00		
VN	324.73	324.77	60.00			Py	50.00	White translucent massive-crackled quartz vein with blebby-massive pyrite at its centre and a discontinuous honey brown sphalerite stringer on its uphole border. Hosts blebby galena and disseminated arsenopyrite next to sphalerite.	
						As	2.00		
						Gn	2.00		
						Sp	5.00		
VN	325.40	325.42	45.00			Py	30.00	Mossy-weakly banded white-grey translucent quartz vein hosting disseminated-blebby pyrite.	
VT	330.20	330.31	80.00		2.00	Py	10.00	Two discontinuous milky massive quartz veinlets with blebby pyrite and disseminated honey brown sphalerite.	
						Sp	2.00		
VN	331.15	331.17	60.00			Py	35.00	Blended-weakly banded milky-grey-smoky quartz vein with disseminated-blebby pyrite and fine-grained dark bronze pyrite stringers.	
								EOH	

KLAZA

Hole: KL-DDH-12-102 **Date: July 30**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
39.35	10.1	5.2	548.8	345.2	GRD	XL					2.558563	2.695481	Unaltered granodiorite
57.1	10.1	5.2	551.4	347.3	GRD	XL	PRO	1I			2.570685	2.701617	Very weakly propyllitic granodiorite.
91.76	9.7	5.2	547.1	351.1	GRD	XL	PHC	3I	PY	6	2.655819	2.791327	Phyllic granodiorite crosscut by a 5cm quartz vein with disseminated pyrite (see secondaries).
107.72	9.7	5.2	529.2	332.2	GRD	XL	PRO	3I			2.568926	2.686294	Moderately propyllitic granodiorite.
Calibration			2001.3										Calibration test (2.0 kg mass)
182.78	10.1	5.2	542.6	340.3	GRD	XL	PHC	3I			2.529658	2.682155	Moderate phyllic granodiorite crosscut by calcite veinlet.
183.2	13.6	5.2	795.5	517.6	GRD	XL	PHC	3I	PY	2	2.754259	2.86254	Thick crustiform quartz vein with disseminated-blebby pyrite in phyllic granodiorite (see secondaries).
194.2	10	5.2	561.5	361	GRD	XL	PRO	3I	HE	40	2.64395	2.800499	Dark black strongly hematite stained-altered propyllitic granodiorite.
							HEM	4I					
231.34	12.7	5.2	728.2	472.9	VEN		PHC	3I	PY	15	2.699917	2.852331	Moderate phyllic granodiorite crosscut by a thick quartz vein hosting pyrite, arsenopyrite and sphalerite (see secondaries)
									AS	3			
									SP	1			
Calibration													Calibration test (2.0 kg mass)
271.81	12.1	5.2	656.7	415.6	GRD	XL	PHC	4I			2.555554	2.723766	Strongly phyllic granodiorite with three crosscutting white massive quartz veinlets.
298.02	12.5	5.2	767	501.8	VEN	BX			PY	10	2.889274	2.892157	Complex heterolithic breccia and chalcedony veins (see secondaries).
									SP	6			
									GN	6			
									AS	2			
304	11.4	5.2	603.5	376.4	FEL	PO					2.492734	2.65742	Quartz feldspar porphyry dyke.
306.85	8.7	5.2	579	409.7	VEN	XL	PHC	4I	PY	25	3.133738	3.419965	Thick massive quartz vein with massive pyrite and disseminated-blebby arsenopyrite (see secondaries)
									AS	2			
Calibration			2001.3										Calibration test (2.0 kg mass)
307.2	10	5.2	638.2	442.6	VEN	XL	PHC	4I	PY	10	3.005109	3.262781	Thick grey quartz vein with sphalerite veinlet, massive galena, blebby pyrite and blebby arsenopyrite (see secondaries).
									SP	20			

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
									GN	30			
									AS	6			
320.23	9.9	5.2	543	346.7	GRD	XL	PHC	4I	PY	5	2.582665	2.766174	Phyllic granodiorite crosscut by a mineralized quartz vein (see secondaries).
324.29	9.9	5.2	567.6	369	GRD	XL	PHC	4I	PY	5	2.69967	2.858006	Phyllic granodiorite crosscut by three chalcedony-quartz veinlets with pyrite and arsenopyrite.
									AS	1			
													EOH

KLAZA

Hole: KL-DDH-12-102 **Date: July 30**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
16.59	18.31	1.72	1.63	94.8	N814205	102-1				
18.31	20.47	2.16	1.87	86.6	N814206	102-1				
20.47	22.77	2.30	2.10	91.3	N814207	102-1				
22.77	24.89	2.12	2.05	96.7	N814208	102-1				
24.89	26.38	1.49	1.18	79.2	N814209	102-1				
					N814210	102-1				Quarter duplicate
26.38	28.16	1.78	1.78	100	N814211	102-1				
28.16	29.75	1.59	1.45	91.2	N814212	102-1				
29.75	32.61	2.86	2.70	94.4	N814213	102-1				
					N814214	102-1				Klaza STD-3
32.61	34.67	2.06	1.72	83.5	N814215	102-1				
34.67	36.04	1.37	1.37	100	N814216	102-1				
36.04	38.71	2.67	2.62	98.1	N814217	102-1				
38.71	41.76	3.05	2.97	97.4	N814218	102-1				
41.76	42.78	1.02	1.00	98	N814219	102-1				
42.78	44.47	1.69	1.41	83.4	N814220	102-1				
					N814221	102-1				Blank
44.47	47.45	2.98	2.96	99.3	N814222	102-1				
47.45	50.03	2.58	2.47	95.7	N814223	102-1				
					N814224	102-1				Coarse reject duplicate
50.03	52.21	2.18	1.84	84.4	N814225	102-1				
52.21	53.95	1.74	1.74	100	N814226	102-1				
53.95	56.71	2.76	2.69	97.5	N814227	102-1				
56.71	58.86	2.15	2.12	98.6	N814228	102-1				
58.86	60.87	2.01	1.91	95	N814229	102-1				
60.87	63.75	2.88	2.88	100	N814230	102-1				
					N814231	102-1				Klaza STD-3
63.75	65.50	1.75	1.73	98.9	N814232	102-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
65.50	66.55	1.05	0.87	82.9	N814233	102-1				
66.55	69.50	2.95	2.94	99.7	N814234	102-1				
69.50	72.28	2.78	2.68	96.4	N814235	102-1				
72.28	73.28	1.00	1.00	100	N814236	102-1				
					N814237	102-1				Blank
73.28	76.28	3.00	3.00	100	N814238	102-1				
76.28	77.28	1.00	0.99	99	N814239	102-1				
77.28	80.28	3.00	2.90	96.7	N814240	102-1				
80.28	83.25	2.97	2.96	99.7	N814241	102-2				
83.25	84.80	1.55	1.55	100	N814242	102-2				
84.80	85.80	1.00	0.97	97	N814243	102-2				
85.80	87.00	1.20	1.11	92.5	N814244	102-2				
87.00	88.28	1.28	1.28	100	N814245	102-2				
88.28	90.81	2.53	2.53	100	N814246	102-2				
90.81	91.93	1.12	1.08	96.4	N814247	102-2				
					N814248	102-2				Blank
91.93	92.97	1.04	1.04	100	N814249	102-2				
92.97	94.04	1.07	0.99	92.5	N814250	102-2				
					N814251	102-2				Quarter duplicate
94.04	96.62	2.58	2.58	100	N814252	102-2				
					N814253	102-2				Klaza STD-2
96.62	99.67	3.05	3.00	98.4	N814254	102-2				
99.67	101.03	1.36	1.33	97.8	N814255	102-2				
101.03	102.07	1.04	1.01	97.1	N814256	102-2				
102.07	105.02	2.95	2.72	92.2	N814257	102-2				
105.02	106.47	1.45	1.44	99.3	N814258	102-2				
106.47	108.00	1.53	1.30	85	N814259	102-2				
108.00	111.00	3.00	2.93	97.7	N814260	102-2				
111.00	112.82	1.82	1.72	94.5	N814261	102-2				
112.82	114.20	1.38	1.18	85.5	N814262	102-2				
					N814263	102-2				Blank

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
114.20	116.96	2.76	2.63	95.3	N814264	102-2				
116.96	117.96	1.00	1.00	100	N814265	102-2				
117.96	120.19	2.23	2.21	99.1	N814266	102-2				
120.19	121.32	1.13	1.12	99.1	N814267	102-2				
121.32	124.05	2.73	2.73	100	N814268	102-2				
					N814269	102-2				Klaza STD-3
124.05	125.10	1.05	0.88	83.8	N814270	102-2				Rubbly/poor recovery
125.10	128.01	2.91	2.88	99	N814271	102-2				
128.01	129.32	1.31	1.31	100	N814272	102-2				
					N814273	102-2				Coarse reject duplicate
129.32	131.67	2.35	2.10	89.4	N814274	102-2				
131.67	134.27	2.60	2.47	95	N814275	102-2				
134.27	135.29	1.02	1.02	100	N814276	102-2				
135.29	138.34	3.05	2.64	86.6	N814277	102-3				
138.34	139.90	1.56	1.54	98.7	N814278	102-3				
					N814279	102-3				Coarse reject duplicate
139.90	142.34	2.44	2.26	92.6	N814280	102-3				
					N814281	102-3				Klaza STD-2
142.34	145.00	2.66	2.57	96.6	N814282	102-3				
145.00	146.00	1.00	1.00	100	N814283	102-3				
146.00	147.00	1.00	0.89	89	N814284	102-3				
147.00	148.44	1.44	1.40	97.2	N814285	102-3				
					N814286	102-3				Blank
148.44	150.75	2.31	2.00	86.6	N814287	102-3				
150.75	152.84	2.09	2.09	100	N814288	102-3				
152.84	154.83	1.99	1.45	72.9	N814289	102-3				
154.83	156.02	1.19	0.92	77.3	N814290	102-3				
156.02	157.64	1.62	1.49	92	N814291	102-3				
157.64	158.79	1.15	0.97	84.3	N814292	102-3				
					N814293	102-3				Blank
158.79	160.63	1.84	1.83	99.5	N814294	102-3				
160.63	163.68	3.05	2.90	95.1	N814295	102-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
163.68	166.73	3.05	3.05	100	N814296	102-3				
166.73	168.47	1.74	1.74	100	N814297	102-3				
168.47	170.25	1.78	1.75	98.3	N814298	102-3				
					N814299	102-3				Quarter duplicate
170.25	172.82	2.57	2.37	92.2	N814300	102-3				
172.82	175.87	3.05	3.05	100	N814301	102-3				
175.87	178.92	3.05	2.94	96.4	N814302	102-3				
					N814303	102-3				Klaza STD-3
178.92	181.39	2.47	2.42	98	N814304	102-3				
181.39	182.50	1.11	1.07	96.4	N814305	102-3				
182.50	183.65	1.15	1.12	97.4	N814306	102-3				
183.65	185.01	1.36	1.36	100	N814307	102-3				
185.01	188.06	3.05	2.86	93.8	N814308	102-3				
188.06	190.87	2.81	2.73	97.2	N814309	102-3				
190.87	192.28	1.41	1.41	100	N814310	102-3				
192.28	194.16	1.88	1.64	87.2	N814311	102-3				
194.16	196.75	2.59	2.39	92.3	N814312	102-3				
196.75	197.81	1.06	1.06	100	N814313	102-4				
197.81	199.64	1.83	1.80	98.4	N814314	102-4				
199.64	201.84	2.20	2.05	93.2	N814315	102-4				
201.84	204.84	3.00	2.98	99.3	N814316	102-4				
					N814317	102-4				Klaza STD-3
204.84	206.35	1.51	1.51	100	N814318	102-4				
206.35	209.40	3.05	2.96	97	N814319	102-4				
209.40	212.22	2.82	2.67	94.7	N814320	102-4				
212.22	214.03	1.81	1.70	93.9	N814321	102-4				
214.03	215.49	1.46	1.43	97.9	N814322	102-4				
					N814323	102-4				Blank
215.49	217.12	1.63	1.63	100	N814324	102-4				
217.12	218.54	1.42	1.27	89.4	N814325	102-4				
218.54	221.59	3.05	2.92	95.7	N814326	102-4				
221.59	223.78	2.19	2.19	100	N814327	102-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
223.78	224.92	1.14	1.13	99.1	N814328	102-4				
					N814329	102-4				Quarter duplicate
224.92	226.00	1.08	1.03	95.4	N814330	102-4				
226.00	228.46	2.46	2.41	98	N814331	102-4				
					N814332	102-4				Klaza STD-2
228.46	231.16	2.70	2.70	100	N814333	102-4				
231.16	233.26	2.10	1.85	88.1	N814334	102-4				
					N814335	102-4				Blank
233.26	235.05	1.79	1.79	100	N814336	102-4				
235.05	238.00	2.95	2.95	100	N814337	102-4				
238.00	240.06	2.06	2.06	100	N814338	102-4				
240.06	242.93	2.87	2.87	100	N814339	102-4				
242.93	245.07	2.14	2.10	98.1	N814340	102-4				
245.07	246.07	1.00	1.00	100	N814341	102-4				
246.07	249.02	2.95	2.95	100	N814342	102-4				
					N814343	102-4				Coarse reject duplicate
249.02	252.07	3.05	2.93	96.1	N814344	102-4				
252.07	255.12	3.05	3.05	100	N814345	102-4				
255.12	258.17	3.05	3.05	100	N814346	102-4				
258.17	261.21	3.04	3.04	100	N814347	102-4				
261.21	262.28	1.07	1.06	99.1	N814348	102-4				
262.28	264.26	1.98	1.90	96	N814349	102-5				
264.26	266.18	1.92	1.92	100	N814350	102-5				
					N814351	102-5				Coarse reject duplicate
266.18	267.67	1.49	1.45	97.3	N814352	102-5				
267.67	270.22	2.55	2.33	91.4	N814353	102-5				
270.22	272.65	2.43	2.37	97.5	N814354	102-5				
272.65	273.87	1.22	1.22	100	N814355	102-5				
					N814356	102-5				Blank
273.87	275.97	2.10	2.10	100	N814357	102-5				
275.97	277.13	1.16	1.11	95.7	N814358	102-5				
277.13	278.29	1.16	1.13	97.4	N814359	102-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N814360	102-5				Klaza STD-2
278.29	279.50	1.21	1.21	100	N814361	102-5				
279.50	282.09	2.59	2.59	100	N814362	102-5				
282.09	284.05	1.96	1.96	100	N814363	102-5				
284.05	285.60	1.55	1.55	100	N814364	102-5				
285.60	287.43	1.83	1.83	100	N814365	102-5				
287.43	288.65	1.22	1.22	100	N814366	102-5				
					N814367	102-5				Blank
288.65	289.65	1.00	1.00	100	N814368	102-5				
					N814369	102-5				Klaza STD-1
289.65	291.04	1.39	1.39	100	N814370	102-5				
					N814371	102-5				Quarter duplicate
291.04	292.04	1.00	1.00	100	N814372	102-5				
292.04	293.04	1.00	0.99	99	N814373	102-5				
293.04	294.74	1.70	1.64	96.5	N814374	102-5				
294.74	295.91	1.17	1.16	99.1	N814375	102-5				
295.91	296.93	1.02	1.01	99	N814376	102-5				
296.93	298.44	1.51	1.46	96.7	N814377	102-5				
298.44	300.98	2.54	2.51	98.8	N814378	102-5				
300.98	303.89	2.91	2.77	95.2	N814379	102-5				
303.89	305.69	1.80	1.72	95.6	N814380	102-5				
305.69	306.69	1.00	1.00	100	N814381	102-5				
306.69	308.20	1.51	1.49	98.7	N814382	102-5				
308.20	309.51	1.31	1.23	93.9	N814383	102-5				
309.51	311.03	1.52	1.52	100	N814384	102-5				
311.03	312.27	1.24	1.24	100	N814385	102-6				
312.27	314.07	1.80	1.79	99.4	N814386	102-6				
314.07	316.08	2.01	1.87	93	N814387	102-6				
					N814388	102-6				Coarse reject duplicate
316.08	318.08	2.00	2.00	100	N814389	102-6				
318.08	319.80	1.72	1.72	100	N814390	102-6				
319.80	320.80	1.00	1.00	100	N814391	102-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
320.80	322.84	2.04	1.97	96.6	N814392	102-6				
322.84	324.07	1.23	1.23	100	N814393	102-6				
324.07	325.07	1.00	1.00	100	N814394	102-6				
					N814395	102-6				Blank
325.07	326.44	1.37	1.37	100	N814396	102-6				
326.44	328.27	1.83	1.83	100	N814397	102-6				
328.27	330.20	1.93	1.93	100	N814398	102-6				
330.20	331.20	1.00	1.00	100	N814399	102-6				
					N814400	102-6				Blank
331.20	332.46	1.26	1.24	98.4	N814401	102-6				
332.46	334.37	1.91	1.91	100	N814402	102-6				EOH

KLAZA

Hole: KL-DDH-12-102 **Tech Name: Tory Prentice** **Date: July 30**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	2.13	2.13	0.20	9	0.00	0		1	0S	5W	
2.13	5.18	3.05	0.87	29	0.00	0		1	0S	5W	
5.18	8.23	3.05	2.90	95	0.29	10		1	1S	4W	
8.23	11.28	3.05	2.60	85	0.39	13		2	3S	4W	
11.28	14.33	3.05	2.84	93	0.95	31		2	3S	3W	
14.33	17.37	3.04	2.62	86	0.82	27		1	4S	4W	
17.37	20.42	3.05	2.77	91	0.79	26		2	3S	4W	
20.42	23.47	3.05	2.94	96	1.69	55		2	4S	4W	
23.47	26.52	3.05	2.73	90	1.82	60		2	4S	3W	
26.52	29.57	3.05	2.86	94	1.92	63		2	3S	3W	
29.57	32.61	3.04	2.88	95	1.45	48		2	3S	3W	
32.61	35.66	3.05	2.73	90	2.19	72		2	3S	2W	
35.66	38.71	3.05	3.05	100	2.16	71		2	3S	2W	
38.71	41.76	3.05	2.96	97	2.64	87		2	3S	2W	
41.76	44.81	3.05	2.73	90	0.72	24		2	2S	4W	
44.81	47.85	3.04	3.01	99	1.85	61		2	3S	3W	
47.85	50.90	3.05	2.96	97	1.46	48		2	3S	2W	
50.90	53.95	3.05	2.80	92	1.78	58		2	3S	2W	
53.95	57.00	3.05	2.97	97	1.86	61		2	3S	2W	
57.00	60.05	3.05	2.99	98	2.20	72		2	3S	2W	
60.05	63.09	3.04	3.05	100	1.90	62		2	3S	2W	
63.09	66.14	3.05	3.01	99	2.20	72		2	3S	2W	
66.14	69.19	3.05	3.00	98	2.06	68		2	3S	2W	
69.19	72.24	3.05	2.96	97	2.00	66		2	3S	2W	
72.24	75.29	3.05	3.05	100	2.18	71		2	1S	1W	
75.29	78.33	3.04	2.99	98	2.00	66		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.00	98	2.58	85		2	3S	1W	
81.38	84.43	3.05	2.97	97	2.23	73		2	3S	1W	
84.43	87.48	3.05	3.30	108	2.05	67		2	3S	1W	
87.48	90.53	3.05	3.03	99	1.94	64		2	3S	1W	
90.53	93.57	3.04	3.05	100	2.30	76		2	1S	1W	
93.57	96.62	3.05	2.98	98	2.10	69		2	3S	2W	
96.62	99.67	3.05	3.03	99	1.80	59		2	3S	2W	
99.67	102.72	3.05	3.03	99	1.58	52		2	1S	2W	
102.72	105.77	3.05	2.84	93	1.49	49		2	3S	2W	
105.77	108.81	3.04	2.70	89	1.54	51		2	3S	2W	
108.81	111.86	3.05	3.00	98	2.37	78		2	1S	2W	
111.86	114.91	3.05	2.84	93	1.16	38		1	1S	2W	
114.91	117.96	3.05	2.91	95	2.10	69		1	1S	2W	
117.96	121.01	3.05	0.59	19	0.47	15		2	3S	2W	
121.01	124.05	3.04	3.08	101	2.93	96		2	3S	2W	
124.05	127.10	3.05	2.85	93	2.45	80		1	3S	2W	
127.10	130.15	3.05	3.03	99	2.72	89		2	3S	2W	
130.15	131.67	1.52	1.41	93	0.92	61		2	3S	1W	
131.67	133.20	1.53	1.42	93	1.19	78		2	4S	2W	
133.20	136.25	3.05	2.86	94	1.75	57		1	3S	3W	
136.25	139.30	3.05	3.01	99	2.81	92		2	3S	1W	
139.30	142.34	3.04	2.88	95	2.10	69		2	3S	1W	
142.34	145.39	3.05	2.97	97	2.14	70		2	4S	1W	
145.39	148.44	3.05	2.92	96	0.68	22		1	0S	4W	
148.44	151.49	3.05	2.84	93	1.27	42		1	1S	3W	
151.49	154.53	3.04	2.50	82	0.77	25		1	0S	3W	
154.53	157.58	3.05	2.69	88	0.33	11		1	0S	3W	
157.58	160.63	3.05	2.88	94	2.10	69		1	1S	3W	
160.63	163.68	3.05	2.87	94	2.53	83		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
163.68	166.73	3.05	2.95	97	2.64	87		2	4S	1W	
166.73	169.77	3.04	3.00	99	2.43	80		2	4S	1W	
169.77	172.82	3.05	3.08	101	2.57	84		2	3S	2W	
172.82	175.87	3.05	3.02	99	2.45	80		2	3S	1W	
175.87	178.92	3.05	2.92	96	2.14	70		2	3S	1W	
178.92	181.97	3.05	3.02	99	2.70	89		2	3S	1W	
181.97	185.01	3.04	2.96	97	2.53	83		2	3S	2W	
185.01	188.06	3.05	2.94	96	1.54	50		2	3S	1W	
188.06	191.11	3.05	2.92	96	1.28	42		2	3S	3W	
191.11	194.16	3.05	2.84	93	1.75	57		2	3S	2W	
194.16	196.75	2.59	2.50	97	1.04	40		2	3S	3W	
196.75	199.64	2.89	2.95	102	1.87	65		2	3S	3W	
199.64	202.69	3.05	2.96	97	1.21	40		1	3S	4W	
202.69	205.74	3.05	3.05	100	2.27	74		2	3S	2W	
205.74	206.35	0.61	0.60	98	0.51	84		2	4S	2W	
206.35	208.78	2.43	2.36	97	2.06	85		2	3S	2W	
208.78	209.40	0.62	0.58	94	0.58	94		2	3S	2W	
209.40	212.45	3.05	2.90	95	2.54	83		2	2S	2W	
212.45	215.49	3.04	2.76	91	0.72	24		1	3S	3W	
215.49	218.54	3.05	2.69	88	0.99	32		2	1S	3W	
218.54	221.59	3.05	2.87	94	2.38	78		2	3S	2W	
221.59	224.64	3.05	3.12	102	2.71	89		2	3S	2W	
224.64	227.69	3.05	3.00	98	2.12	70		2	3S	2W	
227.69	230.73	3.04	3.07	101	2.60	86		2	3S	2W	
230.73	233.78	3.05	2.80	92	2.20	72		2	3S	2W	
233.78	236.83	3.05	3.04	100	2.38	78		2	4S	2W	
236.83	239.88	3.05	3.09	101	2.53	83		2	3S	2W	
239.88	242.93	3.05	3.04	100	1.03	34		1	2S	3W	
242.93	245.97	3.04	3.06	101	2.20	72		2	2S	2W	
245.97	249.02	3.05	3.05	100	2.21	72		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
249.02	251.16	2.14	1.88	88	1.75	82		2	3S	2W	
251.16	252.07	0.91	1.04	114	0.80	88		2	3S	2W	
252.07	255.12	3.05	3.01	99	1.62	53		2	3S	2W	
255.12	258.17	3.05	3.05	100	2.67	88		2	3S	1W	
258.17	261.21	3.04	3.04	100	2.53	83		2	3S	1W	
261.21	264.26	3.05	2.89	95	2.40	79		2	3S	1W	
264.26	267.31	3.05	3.05	100	2.76	90		2	4S	1W	
267.31	270.36	3.05	2.86	94	0.98	32		1	2S	1W	
270.36	273.41	3.05	3.05	100	2.18	71		1	2S	1W	
273.41	276.45	3.04	3.05	100	2.39	79		1	4S	1W	
276.45	279.50	3.05	3.00	98	2.54	83		2	3S	1W	
279.50	282.55	3.05	3.05	100	2.79	91		2	3S	1W	
282.55	285.60	3.05	3.05	100	2.96	97		2	3S	1W	
285.60	288.65	3.05	3.00	98	2.35	77		2	4S	1W	
288.65	291.70	3.05	3.05	100	3.04	100		2	4S	1W	
291.70	294.74	3.04	2.99	98	1.70	56		1	1S	2W	
294.74	297.79	3.05	2.96	97	2.12	70		1	1S	2W	
297.79	300.84	3.05	3.05	100	1.64	54		1	1S	2W	
300.84	303.89	3.05	3.03	99	1.21	40		1	3S	2W	
303.89	306.93	3.04	2.95	97	1.11	37		1	S	3W	
306.93	309.98	3.05	2.92	96	1.97	65		1	2S	2W	
309.98	313.03	3.05	3.02	99	2.36	77		2	1S	2W	
313.03	316.08	3.05	2.91	95	2.28	75		2	4S	1W	
316.08	319.13	3.05	3.01	99	2.02	66		2	3S	1W	
319.13	322.17	3.04	3.05	100	2.70	89		2	3S	1W	
322.17	325.22	3.05	3.01	99	2.16	71		2	1S	1W	
325.22	328.27	3.05	3.05	100	2.80	92		2	3S	1W	
328.27	331.32	3.05	3.05	100	2.76	90		2	3S	1W	
331.32	334.37	3.05	3.05	100	2.64	87		2	3S	1W	EOH @ 334.37

KLAZA

Hole: KL-DDH-12-102 **Tech Name:** Tory Prentice **Date:** Jul **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	2.13	2.13	-	-	-	-	-	-	Soupy
2.13	5.18	3.05	-	-	-	-	-	-	Rubbly
5.18	8.23	3.05	-	-	-	-	-	-	
8.23	11.28	3.05	50.00	0.07	8.00	2.00	3R	4W	
11.28	14.33	3.05	20.00	0.60	3.00	2.00	3R	3W	
14.33	17.37	3.04	50.00	0.15	4.00	2.00	3R	4W	
17.37	20.42	3.05	45.00	0.20	50.00	2.00	3R	4W	
20.42	23.47	3.05	50.00	0.25	5.00	2.00	3R	3W	
23.47	26.52	3.05	45.00	0.15	1.00	2.00	2R	3W	
26.52	29.57	3.05	-	-	-	-	-	-	Rubbly
29.57	32.61	3.04	55.00	0.20	0.00	2.00	3R	2W	
32.61	35.66	3.05	45.00	0.15	0.00	2.00	3R	2W	
35.66	38.71	3.05	25.00	0.30	1.00	2.00	2R	3W	
38.71	41.76	3.05	60.00	0.25	0.00	2.00	2R	2W	
41.76	44.81	3.05	-	-	-	-	-	-	Rubbly
44.81	47.85	3.04	25.00	0.40	1.00	2.00	3R	3W	Additional joint sets: 60,0.10,0,2,3R,3W
47.85	50.90	3.05	25.00	0.40	1.00	2.00	3R	3W	Additional joint sets: 60,0.10,0,2,3R,3W
50.90	53.95	3.05	55.00	0.10	0.00	2.00	3R	2W	
53.95	57.00	3.05	55.00	0.10	0.00	2.00	3R	2W	
57.00	60.05	3.05	65.00	0.20	0.00	2.00	3R	2W	
60.05	63.09	3.04	60.00	0.15	4.00	2.00	3R	2W	
63.09	66.14	3.05	-	-	-	-	-	-	
66.14	69.19	3.05	60.00	0.38	0.00	1.00	2R	2W	
69.19	72.24	3.05	40.00	0.22	0.00	1.00	2R	2W	
72.24	75.29	3.05	-	-	-	-	-	-	
75.29	78.33	3.04	-	-	-	-	-	-	
78.33	81.38	3.05	40.00	0.03	0.00	3.00	2R	2W	
81.38	84.43	3.05	65.00	0.23	0.00	1.00	2R	1W	
84.43	87.48	3.05	50.00	0.24	3.00	2.00	2R	3W	
87.48	90.53	3.05	40.00	0.10	0.00	1.00	2R	1W	
90.53	93.57	3.04	60.00	0.23	0.00	1.00	2R	2W	Additional joint sets: 70,0.18,0,1,2R,2W
93.57	96.62	3.05	60.00	1.23	0.00	1.00	2R	2W	
96.62	99.67	3.05	40.00	0.94	0.00	1.00	2R	2W	Additional joint sets: 70,0.07,0,1,2R,2W
99.67	102.72	3.05	50.00	0.34	0.00	2.00	2R	2W	

KLAZA

102.72	105.77	3.05	75.00	0.64	0.00	1.00	2R	2W	
105.77	108.81	3.04	70.00	0.28	0.00	1.00	2R	2W	
108.81	111.86	3.05	60.00	0.13	0.00	1.00	1R	2W	
111.86	114.91	3.05	60.00	0.10	0.00	1.00	2R	2W	Additional joint sets: 50,0.16,0,1,2R,2W
114.91	117.96	3.05	60.00	0.16	0.00	2.00	3R	1W	
117.96	121.01	3.05	45.00	0.27	0.00	2.00	3R	2W	
121.01	124.05	3.04	35.00	0.90	0.00	3.00	3R	2W	
124.05	127.10	3.05	40.00	0.10	0.00	1.00	2R	2W	
127.10	130.15	3.05	45.00	0.12	0.00	1.00	2R	2W	
130.15	131.67	1.52	40.00	0.03	0.00	2.00	3R	2W	
131.67	133.20	1.53	45.00	0.05	0.00	2.00	3R	2W	
133.20	136.25	3.05	45.00	0.09	0.00	2.00	3R	2W	
136.25	139.30	3.05	25.00	2.17	0.00	2.00	2R	2W	
139.30	142.34	3.04	55.00	0.06	0.00	2.00	3R	1W	
142.34	145.39	3.05	60.00	0.16	0.00	2.00	3R	1W	
145.39	148.44	3.05	60.00	0.06	0.00	2.00	2R	2W	
148.44	151.49	3.05	65.00	0.35	0.00	3.00	3R	2W	
151.49	154.53	3.04	45.00	0.11	2.00	2.00	3R	3W	mostly rubble
154.53	157.58	3.05	-	-	-	-	-	-	all rubble
157.58	160.63	3.05	50.00	0.25	0.00	2.00	3R	1W	
160.63	163.68	3.05	-	-	-	-	-	-	competent w/ random fractures
163.68	166.73	3.05	70.00	0.32	0.00	2.00	2R	1W	
166.73	169.77	3.04	65.00	0.45	0.00	2.00	2R	1W	
169.77	172.82	3.05	50.00	0.05	0.00	2.00	3R	1W	
172.82	175.87	3.05	20.00	0.08	1.00	2.00	2R	2W	
175.87	178.92	3.05	65.00	0.10	0.00	2.00	3R	1W	
178.92	181.97	3.05	60.00	0.09	0.00	2.00	3R	1W	
181.97	185.01	3.04	55.00	0.13	2.00	2.00	3R	2W	
185.01	188.06	3.05	60.00	0.13	0.00	2.00	3R	1W	
188.06	191.11	3.05	60.00	0.13	0.00	2.00	3R	2W	
191.11	194.16	3.05	-	-	-	-	-	-	
194.16	196.75	2.59	30.00	0.26	0.00	1.00	2R	2W	
196.75	199.64	2.89	60.00	0.06	0.00	2.00	2R	2W	
199.64	202.69	3.05	50.00	0.27	0.00	1.00	2R	2W	
202.69	205.74	3.05	60.00	1.58	0.00	1.00	2R	1W	
205.74	206.35	0.61	-	-	-	-	-	-	
206.35	208.78	2.43	70.00	0.10	0.00	1.00	2R	2W	Additional joint sets: 50,0.18,0,1,2R,2W
208.78	209.40	0.62	-	-	-	-	-	-	
209.40	212.45	3.05	70.00	0.13	0.00	1.00	2R	2W	
212.45	215.49	3.04	-	-	-	-	-	-	
215.49	218.54	3.05	60.00	0.20	0.00	1.00	2R	2W	
218.54	221.59	3.05	60.00	0.34	0.00	1.00	2R	2W	
221.59	224.64	3.05	70.00	0.57	0.00	1.00	2R	1W	
224.64	227.69	3.05	60.00	0.12	0.00	1.00	2R	1W	

KLAZA

227.69	230.73	3.04	50.00	0.16	0.00	1.00	2R	1W	
230.73	233.78	3.05	-	-	-	-	-	-	
233.78	236.83	3.05	60.00	0.80	0.00	1.00	2R	2W	
236.83	239.88	3.05	45.00	0.15	0.00	1.00	2R	2W	
239.88	242.93	3.05	40.00	0.10	4.00	1.00	2R	3W	
242.93	245.97	3.04	70.00	0.20	20.00	1.00	2R	2W	
245.97	249.02	3.05	60.00	0.26	0.00	1.00	2R	2W	
249.02	251.16	2.14	80.00	0.32	0.00	1.00	2R	1W	
251.16	252.07	0.91	-	-	-	-	-	-	
252.07	255.12	3.05	60.00	0.30	0.00	1.00	2R	2W	Additional joint sets: 70,0.06,0,1,2R,1W
255.12	258.17	3.05	80.00	0.25	0.00	2.00	2R	1W	
258.17	261.21	3.04	45.00	0.12	0.00	3.00	3R	1W	
261.21	264.26	3.05	-	-	-	-	-	-	
264.26	267.31	3.05	65.00	0.19	0.00	2.00	3R	1W	
267.31	270.36	3.05	-	-	-	-	-	-	
270.36	273.41	3.05	60.00	0.15	0.00	2.00	3R	1W	
273.41	276.45	3.04	80.00	0.18	0.00	2.00	2R	1W	Additional joint sets: 40,0.15,1,2,2R,1W
276.45	279.50	3.05	40.00	0.21	1.00	3.00	2R	1W	
279.50	282.55	3.05	70.00	0.40	0.00	2.00	2R	1W	
282.55	285.60	3.05	-	-	-	-	-	-	
285.60	288.65	3.05	65.00	0.20	1.00	2.00	3R	1W	
288.65	291.70	3.05	45.00	0.20	0.00	3.00	3R	1W	
291.70	294.74	3.04	25.00	0.18	10.00	3.00	3R	2W	
294.74	297.79	3.05	45.00	0.55	0.00	2.00	3R	1W	
297.79	300.84	3.05	60.00	0.13	0.00	2.00	3R	1W	
300.84	303.89	3.05	25.00	0.17	0.00	2.00	3R	1W	
303.89	306.93	3.04	70.00	0.20	200.00	2.00	2R	3W	
306.93	309.98	3.05	70.00	0.14	8.00	2.00	3R	2W	
309.98	313.03	3.05	55.00	0.15	1.00	3.00	1R	3W	
313.03	316.08	3.05	50.00	0.52	0.00	2.00	2R	2W	
316.08	319.13	3.05	60.00	0.15	0.00	2.00	3R	1W	
319.13	322.17	3.04	50.00	0.75	0.00	2.00	3R	1W	
322.17	325.22	3.05	45.00	0.10	0.00	2.00	2R	2W	
325.22	328.27	3.05	45.00	0.26	0.00	2.00	2R	1W	
328.27	331.32	3.05	35.00	0.36	3.00	2.00	3R	2W	
331.32	334.37	3.05	50.00	0.10	2.00	2.00	2R	2W	EOH

KLAZA

Hole: KL-DDH-12-102 Date: July 30

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	Soupy
2.00	n/a	Soupy
3.00	5.32	
4.00	1.41	
5.00	11.90	
6.00	0.36	
7.00	0.40	
8.00	0.29	
9.00	11.90	
10.00	13.00	
11.00	13.90	
12.00	13.50	
13.00	13.20	
14.00	11.50	
15.00	7.81	
16.00	6.38	
17.00	0.29	
18.00	0.64	
19.00	9.79	
20.00	0.98	
21.00	0.53	
22.00	3.36	
23.00	15.20	
24.00	7.06	
25.00	0.84	
26.00	8.82	
27.00	4.42	
28.00	0.25	
29.00	12.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	10.90	
31.00	15.60	
32.00	12.60	
33.00	10.90	
34.00	13.90	
35.00	3.58	
36.00	5.61	
37.00	13.40	
38.00	13.80	
39.00	14.70	
40.00	14.10	
41.00	12.70	
42.00	14.70	
43.00	0.60	
44.00	11.70	
45.00	7.63	
46.00	14.60	
47.00	6.44	
48.00	8.58	
49.00	16.00	
50.00	18.60	
51.00	21.90	
52.00	17.60	
53.00	16.20	
54.00	8.01	
55.00	15.10	
56.00	21.20	
57.00	17.80	
58.00	0.36	
59.00	0.38	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	4.83	
61.00	17.40	
62.00	4.42	
63.00	14.40	
64.00	17.20	
65.00	17.10	
66.00	0.40	
67.00	14.40	
68.00	6.71	
69.00	7.46	
70.00	13.90	
71.00	14.50	
72.00	10.70	
73.00	0.49	
74.00	10.30	
75.00	15.80	
76.00	3.05	
77.00	15.20	
78.00	2.40	
79.00	9.77	
80.00	0.32	
81.00	14.70	
82.00	11.50	
83.00	15.90	
84.00	13.10	
85.00	0.49	
86.00	0.21	
87.00	1.11	
88.00	0.60	
89.00	12.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	16.90	
91.00	0.42	
92.00	0.82	
93.00	0.67	
94.00	17.10	
95.00	14.20	
96.00	14.00	
97.00	15.20	
98.00	14.50	
99.00	13.10	
100.00	11.60	
101.00	0.51	
102.00	0.71	
103.00	2.94	
104.00	3.62	
105.00	1.02	
106.00	0.38	
107.00	1.15	
108.00	18.40	
109.00	9.75	
110.00	23.00	
111.00	14.50	
112.00	17.00	
113.00	0.34	
114.00	0.42	
115.00	13.00	
116.00	12.30	
117.00	0.53	
118.00	17.60	
119.00	14.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	17.10	
121.00	1.06	
122.00	1.22	
123.00	18.60	
124.00	16.00	
125.00	0.42	
126.00	18.80	
127.00	20.60	
128.00	18.60	
129.00	15.80	
130.00	20.00	
131.00	19.40	
132.00	20.20	
133.00	2.70	
134.00	5.92	
135.00	6.03	
136.00	22.10	
137.00	19.70	
138.00	2.70	
139.00	11.30	
140.00	0.43	
141.00	21.70	
142.00	12.70	
143.00	13.40	
144.00	20.60	
145.00	10.10	
146.00	2.92	
147.00	0.47	
148.00	0.40	
149.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.33	
151.00	0.56	
152.00	0.56	
153.00	12.50	
154.00	7.26	
155.00	0.73	
156.00	3.14	
157.00	12.80	
158.00	0.31	
159.00	2.89	
160.00	20.90	
161.00	18.50	
162.00	13.70	
163.00	15.60	
164.00	18.40	
165.00	18.80	
166.00	17.00	
167.00	12.10	
168.00	19.30	
169.00	14.90	
170.00	16.50	
171.00	1.13	
172.00	17.90	
173.00	19.30	
174.00	18.40	
175.00	16.30	
176.00	18.70	
177.00	18.80	
178.00	11.70	
179.00	21.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	4.61	
181.00	16.20	
182.00	0.51	
183.00	0.93	
184.00	3.80	
185.00	18.50	
186.00	20.60	
187.00	15.50	
188.00	0.53	
189.00	0.58	
190.00	0.95	
191.00	1.26	
192.00	0.21	
193.00	4.39	
194.00	1.79	
195.00	3.38	
196.00	5.85	
197.00	4.72	
198.00	3.23	
199.00	3.31	
200.00	5.80	
201.00	3.89	
202.00	27.80	
203.00	18.10	
204.00	17.90	
205.00	22.20	
206.00	23.70	
207.00	29.20	
208.00	28.00	
209.00	48.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	24.00	
211.00	28.90	
212.00	3.86	
213.00	2.76	
214.00	4.88	
215.00	1.84	
216.00	0.58	
217.00	12.90	
218.00	26.30	
219.00	29.40	
220.00	14.10	
221.00	29.30	
222.00	21.40	
223.00	25.30	
224.00	28.70	
225.00	3.91	
226.00	19.10	
227.00	21.20	
228.00	28.80	
229.00	29.20	
230.00	18.40	
231.00	16.30	
232.00	2.48	
233.00	2.47	
234.00	28.00	
235.00	33.20	
236.00	29.60	
237.00	10.70	
238.00	27.00	
239.00	16.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	25.00	
241.00	4.46	
242.00	14.50	
243.00	6.14	
244.00	25.70	
245.00	5.38	
246.00	3.95	
247.00	2.94	
248.00	15.50	
249.00	28.50	
250.00	29.90	
251.00	19.90	
252.00	4.41	
253.00	24.40	
254.00	21.70	
255.00	22.20	
256.00	11.40	
257.00	21.00	
258.00	21.70	
259.00	18.50	
260.00	10.20	
261.00	5.21	
262.00	16.70	
263.00	9.75	
264.00	18.80	
265.00	18.50	
266.00	14.50	
267.00	13.90	
268.00	0.47	
269.00	2.56	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.34	
271.00	0.43	
272.00	0.16	
273.00	0.25	
274.00	14.30	
275.00	11.40	
276.00	0.42	
277.00	1.33	
278.00	0.58	
279.00	9.27	
280.00	4.33	
281.00	17.20	
282.00	2.58	
283.00	4.88	
284.00	0.95	
285.00	0.93	
286.00	7.32	
287.00	3.53	
288.00	0.60	
289.00	0.34	
290.00	0.40	
291.00	5.06	
292.00	5.50	
293.00	5.12	
294.00	2.01	
295.00	4.52	
296.00	6.35	
297.00	3.93	
298.00	3.03	
299.00	4.42	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	2.90	
301.00	4.42	
302.00	5.50	
303.00	2.67	
304.00	2.47	
305.00	5.70	
306.00	4.48	
307.00	3.01	
308.00	0.43	
309.00	5.67	
310.00	4.79	
311.00	4.68	
312.00	21.30	
313.00	23.00	
314.00	22.00	
315.00	23.60	
316.00	16.80	
317.00	13.00	
318.00	15.60	
319.00	21.40	
320.00	15.20	
321.00	21.30	
322.00	22.40	
323.00	18.40	
324.00	15.20	
325.00	3.03	
326.00	3.14	
327.00	21.50	
328.00	23.90	
329.00	21.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	24.00	
331.00	1.72	
332.00	22.70	
333.00	24.00	
334.00	3.11	EOH @ 334.37m

KLAZA

Hole: KL-DDH-12-102 Date: July 30

Box #	From (m)	To (m)
1	0.00	6.42
2	6.42	9.63
3	9.63	15.60
4	15.60	21.68
5	21.68	27.04
6	27.04	32.61
7	32.61	38.64
8	38.64	44.47
9	44.47	50.03
10	50.03	56.00
11	56.00	61.70
12	61.70	67.34
13	67.34	73.15
14	73.15	78.84
15	78.84	84.72
16	84.72	90.53
17	90.53	96.09
18	96.09	101.62
19	101.62	107.49
20	107.49	112.93
21	112.93	118.58
22	118.58	124.05
23	124.05	129.80
24	129.80	135.61
25	135.61	141.15
26	141.15	147.00
27	147.00	152.84
28	152.84	158.75
29	158.75	164.61

KLAZA

30	164.61	170.50
31	170.50	176.30
32	176.30	182.15
33	182.15	188.06
34	188.06	194.00
35	194.00	199.40
36	199.40	204.80
37	204.80	210.51
38	210.51	216.03
39	216.03	221.97
40	221.97	227.69
41	227.69	233.64
42	233.64	239.22
43	239.22	244.69
44	244.69	250.13
45	250.13	256.00
46	256.00	261.80
47	261.80	267.67
48	267.67	273.25
49	273.25	278.90
50	278.90	284.69
51	284.69	290.49
52	290.49	296.12
53	296.12	301.61
54	301.61	307.05
55	307.05	312.90
56	312.90	318.60
57	318.60	324.07
58	324.07	329.70
59	329.70	334.37
		EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382508.16	6889371.8	1404.708	352.65

ZONE: Klaza Zone

SECTION:

HOLE: DDH-KL-12-103

CLAIM: YC37988

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: _____ (m)

Casing depth: 6.10 (m) in / **out**

Drilling dates: Aug 6-9th, 2012

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.32	8.32	OVB	Overburdern with dyke clast and gouge alteration.
8.32	11.08	2.76	FEL	Oxidized and gouge altered quartz feldspar dyke.
11.08	18.60	7.52	GRD	Oxidized and strongly phyllic altered granodiorite.
18.60	26.10	7.50	FEL	Oxidized quartz feldspar porphyry dyke.
26.10	31.40	5.30	GRD	Phyllic alteration with disseminated pyrite and gouge.
31.40	34.41	3.01	GRD	Propyllitc altered granodiorite.
34.41	145.05	110.64	GRD	Granodiorite with small phyllic envelopes around veir
145.05	147.05	2.00	GRD	Phyllic alteration hosting black breccia.
147.05	151.13	4.08	FEL	Quartz feldspar porphyry dyke.
151.13	152.74	1.61	GRD	Phyllic alteration hosting disseminated pyrite.
152.74	169.99	17.25	GRD	Grey granodiorite with multiple phyllic envelopes
169.99	171.77	1.78	GRD	Phyllic envelope around quartz/sulphide veins.
171.77	309.74	137.97	GRD	Granodiorite with patches of propyllitic and phyllic alt.
309.74	317.59	7.85	GRD	Multiple phyllic envelopes hosting quartz/sulpide vein
				and dissmeinated to blebby sulphides.
317.59	352.65	35.06	GRD	Granodiorite with patches of argillic and phyllic
EOH				alteration.

SAMPLES

Numbers: M355239 - M355459

Total: 222

Batch: 1-7

Date Sent:

Certificate:

COMMENTS

EOH = 352.65 m

KLAZA

Hole: DDH-KL-12-103 **Logger Name:** D. Walsh **Date:** Aug 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	8.32	8.32					OVB			OR		4I									Brown and orange overburden with large clasts of brown quartz feldspar porphyry dyke. The majority of the interval is intensely gouge altered. Oxidation and gouge alteration obscures textures and rock type.
										BN											
8.32	11.08	2.76				LKqP	FEL			OR		4I									Appears to be an intensely oxidized and gouge altered quartz feldspar porphyry dyke.
										BN											
11.08	18.60	7.52				mKgW	GRD	MG		OR		4I		PHC	4I						Strongly oxidized, strongly phyllic altered granodiorite. Oxidation obscures the majority of the phyllic alteration. There are a few patches of un-oxidized strong phyllic altered granodiorite. Appears to have manganese staining along fractures.
									LT	GN	PA										
18.60	26.10	7.50				LKqP	FEL			GY		4I									Strongly oxidized grey and purple quartz feldspar porphyry dyke.
										PU											
26.10	31.40	5.30				mKgW	GRD	MG		BL		2I		PHC	4I	1.00					Moderately silicified, weakly oxidized and strongly phyllic altered granodiorite. Interval hosts multiple quartz sulphide vein zones and gouge zones along with disseminated pyrite.
										GY	PA		3I								
31.40	34.41	3.01				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
										GY											
34.41	352.65	318.24				mKgW	GRD	MG		GY											Grey granodiorite. Host small phyllic envelopes around carnonate veins and veinlets.
			60.60	61.35	0.75	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite.
			65.14	65.54	0.40	mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderate argillic and propyllitic alteration.
									DK	GN	PA			PRO	3I						
			65.54	65.70	0.16	mKgW	GRD	MG		GN				PHC	3I						Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite,
										GY											
			69.45	69.81	0.36	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate vein hosting disseminated pyrite.
			71.93	72.66	0.73	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate vein hosting disseminated
			76.27	78.83	2.56	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite hosting multiple carbonate veins.
			83.87	84.17	0.30	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic envelope surrounding a tan carbonate vein.
			91.56	92.34	0.78	mKgW	GRD	MG		WH				ARG	3I						Rubbly moderate argillic altered granodiorite that has been partially gouge altered.
			93.57	104.63	11.06	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
			105.80	106.59	0.79	mKgW	GRD	MG		WH				ARG	4I						Moderate argillic granodiorite with a weak to moderate potassic altered granodiorite.
										PK				POT	3I						
			109.27	109.54	0.27	mKgW	GRD	MG	DK	GN				PRO	4I						Strongly propyllitic altered granodiorite.
			119.00	120.90	1.90	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite hosting a few quartz sulphide veinlets.
			123.46	124.81	1.35	mKgW	GRD	MG	DK	GN				PRO	2I						Strongly propyllitic altered granodiorite.
			131.94	133.20	1.26	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	2I						
									DK	GN	PA			PRO	3I						
			133.20	133.44	0.24	mKgW	GRD	MG		GN	EN			PHC	4I						Strong phyllic envelope surrounding a white carbonate pyrite vein.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
										GY											
			133.44	133.55		mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	2I						
									DK	GN	PA			PRO	3I						
			133.55	139.77	6.22	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
			142.10	142.94	0.84	mKgW	GRD	MG	LT	GN				PHC	3I	<1					Moderately phyllic altered granodiorite hosting disseminated pyrite and multiple white carbonate stringers.
			142.94	144.26	1.32	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite with patches of argillic alteration.
										WH	PA			ARG	3I						
			144.26	145.05	0.79	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite that has been partially altered to clay gouge.
										WH											
			145.05	147.05	2.00	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strong phyllic altered granodiorite with an abundance of white carbonate veins and veinlets. The interval ends with a silicified black breccia.
										GY											
			147.05	151.13	4.08	LKqP	FEL			GY											Quartz feldspar porphyry dyke hosting a few white carbonate veinlets and gouge filled fractures.
			151.13	152.74	1.61	mKgW	GRD	MG		GN				PHC	4I	10.00					Partially gouge altered and strongly phyllic altered granodiorite hosting disseminated to blebby pyrite.
										GY											
			152.74	154.53	1.79	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite with a few quartz sulphide veinlets.
										GY											
			156.49	156.74	0.25	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a gouge vein.
			163.06	163.90	0.84	mKgW	GRD	MG		GN				PHC	3-4I	3.00					Moderate to strong phyllic altered granodiorite hosting disseminated pyrite along with quartz pyrite vein and vuggy quartz.
										GY											
			164.70	165.68	0.98	mKgW	GRD	MG		GN	EN			PHC	3-4I						Moderate argillic envelope then a moderate to strong phyllic envelope surrounding a smokey quartz/sulphide vein and a gouge vein.
										WH	EN			ARG	3I						
			169.66	170.30	0.64	mKgW	GRD	MG		GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/sulphide vein.
			170.90	171.77	0.87	mKgW	GRD	MG		GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/carbonate/sulphide vein.
			173.93	175.15	1.22	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/carbonate/sulphide vein and a silicified black sulphide breccia.
			180.72	181.05	#REF!	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			181.05	182.10	0.33	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strong phyllic altered granodiorite hosting a quartz carbonate breccia which hosts disseminated to blebby sulphides.
										GY											
			187.45	187.83	1.05	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a white/tan carbonate vein hosting disseminated pyrite.
			198.09	198.90	0.38	mKgW	GRD	MG		WH				ARG	3I						Alternating moderately argillic and propyllitic alterations.
									DK	GN				PRO	3I						
			218.07	219.75	0.81	mKgW	GRD	MG		WH	EN			ARG	4I						Moderate argillic envelope surrounding a strong propyllitic envelope then a moderate phyllic envelope with a quartz carbonate vein in the center of the phyllic alteration.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									DK	GN	EN			PRO	3I						
										GN	EN			PHC	3I						
			219.75	221.85	1.68	mKgW	GRD	MG	DK	GN				PRO	4I						Strongly propyllitic altered granodiorite.
			221.85	222.35	2.10	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite that is partially gouge altered in the center.
										GY											
			222.35	223.44	0.50	mKgW	GRD	MG	DK	GN			3I	PRO	3I						Moderately phyllic altered granodiorite that is partially gouge altered in the center.
			225.34	225.46	1.09	mKgW	GRD	MG		GN	EN			PHC	3I						Moderately silicified and moderately propyllitic altered granodiorite.
			230.76	230.89	0.12	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/carbonate vein hosting disseminated pyrite.
			234.70	235.34	0.13	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding two quartz/carbonate vein hosting disseminated pyrite.
			245.48	245.73	0.25	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/pyrite/gouge vein.
			248.06	248.35	0.29	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/carbonate/sulphide vein.
			257.14	257.34	0.20	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/carbonate/sulphide veinlet.
			259.03	259.15	0.12	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/carbonate/sulphide vein.
			265.33	267.78	2.45	mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite and multiple quartz sulphide veins.
			269.13	270.75	1.62	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple quartz sulphide veins.
			271.66	271.88	0.22	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz/sulphide vein.
			276.88	279.64	2.76	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint and patchy propyllitic overprint.
										PK				POT	3I						
									DK	GN	PA			PRO	2-4I						
			305.49	305.63	0.14	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			305.63	305.85	0.22	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic envelope surrounding a calcite vein and a quartz/carb vein hosting disseminated pyrite.
			308.28	309.14	0.86	mKgW	GRD	MG		WH	EN			ARG	3I						Moderate argillic envelope with a moderate potassic overprint then a moderate phyllic envelope hosting multiple quartz and carbonate veinlets and stringers.
										PK	EN			POT	3I						
										GN	EN			PHC	3I						
			309.79	311.40	1.61	mKgW	GRD	MG		GN			3I	PHC	3-4I						Moderately silicified and moderately to strong phyllic altered granodiorite hosting a large quartz/carbonate vein which hosts disseminated to blebby sulphides.
										GY											
			314.41	314.58	0.17	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope hosting a quartz/carbonate vein with disseminated sulphides.
			315.32	316.19	0.87	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Moderate to strong phyllic envelope surrounding three quartz/carbonate veins which host disseminated to blebby sulphides.
			317.12	317.59	0.47	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I						Moderate to strongly phyllic envelope surrounding a quartz/carbonate vein which hosts disseminated to blebby sulphides.
			318.50	319.47	0.97	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic and phyllic overprint.
										PK				POT	2I						
									LT	GN				PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			321.26	325.11	3.85	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic overprint and a weak to moderate propyllitic overprint.
										PK				POT	2I						
									DK	GN				PRO	2-3I						
			325.11	327.19	2.08	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic overprint and moderate phyllic envelopes around quartz sulphide veins and veinlets.
										PK				POT	2I						
									LT	GN	EN			PHC	3I						
			327.19	329.39	2.20	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple tan carbonate veins, veinlets and stringers along with a large quartz vein and grey gouge breccia. The end of the interval hosts a quartz carbonate vein with disseminated pyrite.
			330.76	331.25	0.49	mKgW	GRD	MG		GN				PHC	3I	1.00		Cl	###		Heavily fractured moderately phyllic altered granodiorite. Fractures are either filled with dark green to black chlorite which hosts disseminated pyrite or grey gouge.
										GY											
			331.25	331.74	0.49	mKgW	GRD	MG		GN				PHC	3I						Moderate to strongly phyllic altered granodiorite hosting multiple quartz pyrite veins.
			350.02	350.38	0.36	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately silicified and moderately phyllic envelope hosting quartz vein with disseminated pyrite.
																					EOH

KLAZA

Hole: DDH-KL-12-103 Logger Name: D. Walsh

Depth (m)		DESCRIPTION

KLAZA

Hole: DDH-KL-12-103 **Logger Name:** D. Walsh **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	1.00	3.05						Partially gouge altered overburden.	
GO	6.60	8.32						Orange gouge zone. Appears to be oxidized strongly gouge altered phyllic granodiorite.	
GO	8.32	11.08						Strongly oxidized and gouge altered quartz feldspar porphyry dyke.	
VN	13.06	13.07	20.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	19.76	19.90	80.00			Py	15.00	Intensely silicified moderately oxidized quartz sulphide vein zone which hosts disseminated to blebby pyrite.	
GO	26.10	26.71				Py	5.00	Partially gouge altered strong phyllic granodiorite which hosts 1mm-4cm strong phyllic clasts. Hosts disseminated pyrite and arsenopyrite.	
						As	<1		
GO	27.35	27.61				Py	15.00	Partially gouge altered strong phyllic granodiorite which hosting disseminated to blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	27.62	27.64	65.00			Py	5.00	Grey quartz and white carbonate vein hosting blebby pyrite and sphalerite.	
						Sp	5.00		
GO	27.77	27.80	65.00			Py	1.00	Grey gouge vein hosting disseminated pyrite.	
VN	28.56	28.59	75.00			Py	25.00	Smokey quartz and white carbonate vein which hosts disseminated pyrite, arsenopyrite and sphalerite.	
						As	3.00		
						Sp	3.00		
VN	28.53	28.57	80.00			Py	7.00	Grey quartz vein hosting disseminated to blebby pyrite and sphalerite.	
						Sp	10.00		
VN	28.65	28.66	75.00			Py	40.00	Grey quartz vein hosting blebby pyrite and galena.	
						Sp	40.00		
VT/ST	28.66	28.76	70.00		6.00	Py	95.00	Six pyrite and sphalerite veinlets and stringers.	
						Gn	5.00		
VT	28.85	29.09	70.00		3.00	Py	15.00	Three quartz pyrite veinlets with disseminated pyrite between them.	
GO	29.09	29.52				Py	20.00	Partially gouge altered , strongly silicified granodiorite hosting disseminated pyrite.	
VN	29.52	29.57	75.00			Py	60.00	Grey quartz vein hosting semi-massive pyrite.	
VN	29.70	29.76	75.00			Py	25.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	30.70	30.72	65.00			Py	5.00	Grey quartz and white carbonate vein hosting disseminated pyrite.	
VT	48.06	48.07	75.00			Py	60.00	0.4cm smokey quartz veinlet hosting blebby pyrite and sphalerite.	
						Sp	25.00		
VT	56.95	56.96	70.00			Py	20.00	0.8cm grey quartz vein and white carbonate veinlet which hosts disseminated pyrite and sphalerite.	
						Sp	20.00		
VT	57.50	57.51	75.00			Py	10.00	0.5cm grey quartz veinlet hosting disseminated pyrite.	
VT	65.68	65.69	65.00			Py	25.00	0.8cm smokey quartz veinlet hosting disseminated to blebby pyrite.	
VT	65.72	65.92	45.00		5.00	Py	50.00	Five quartz and carbonate veinlets which hosts disseminated pyrite. Pyrite is also disseminated between veinlets.	
VN	66.50	66.58	60.00			Py	5.00	Smokey quartz and white carbonate vein which hosts disseminated pyrite.	
VN	69.62	69.63	70.00			Py	10.00	Grey quartz vein which hosts disseminated pyrite.	
						Sp	2.00		
VN	72.48	72.52	65.00			Py	5.00	Smokey quartz and white carbonate vein which hosts disseminated pyrite and arsenopyrite.	
						As	9.00		
BX	77.90	77.95	55.00			Py	1.00	Tan carbonate vein with silicified phyllic altered granodiorite clasts.	
GO	78.54	78.56	65.00			Py	3.00	Black gouge vein hosting disseminated pyrite.\	
DK	85.73	85.75	25.00					Dark pink aplite dyke.	
DK	87.40	87.66						Dark pink aplite dyke.	
GO	91.79	92.40						Partially gouge altered granodiorite.	
VT	99.86	99.87	50.00			Py	35.00	White carbonate veinlet hosting disseminated to blebby pyrite and disseminated sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	1.00		
VT	119.69	119.76	60.00		2.00	Py	90.00	Two quartz pyrite veins and veinlets, one of which hosts blebby pyrite.	
						Sp	5.00		
VT	120.87	120.88	75.00			Gn	40.00	Galena and sphalerite veinlet (0.4cm)	
						Sp	60.00		
VT	131.33	131.34	60.00			Py	7.00	Milky white quartz veinlet hosting disseminated pyrite.	
VN	133.31	133.34	70.00			Py	10.00	Milky white quartz/carbonate veinlet hosting blebby pyrite.	
VN	145.26	145.29	35.00			Py	1.00	Vuggy tan carbonate vein hosting trace amounts of disseminated pyrite.	
GO	145.63	145.65	80.00			Py	<1	Grey gouge vein.	
VN	145.73	145.76	58.00					Vuggy white carbonate breccia hosting disseminated pyrite and clasts of strong phyllic alteration and granodiorite.	
BX	147.78	147.97				Py	15.00	Silicified black breccia hosting disseminated to blebby pyrite.	
VT	152.34	152.35	50.00			Py	80.00	Grey quartz veinlet (0.5cm) hosting blebby pyrite and arsenopyrite.	
						As	1.00		
VN	153.22	153.23	75.00			Py	#####	Pyrite veinlet (0.6cm)	
VT	153.94	153.95	70.00			Py	1.00	Tan carbonate veinlet 0.8cm hosting disseminated pyrite and blebby sphalerite.	
						Sp	80.00		
GO	156.62	156.64	60.00					Grey gouge vein.	
VT	163.45	163.46	65.00			Py	3.00	Vuggy grey quartz and white carbonate veinlet hosting disseminate pyrite.	
VN	163.50	163.53	65.00			Py	12.00	Vuggy grey quartz and white carbonate vein hosting disseminated to blebby pyrite. Vuggs are in the white carbonate.	
VN	163.55	163.57	65.00			Py	65.00	Grey quartz vein which hosts disseminated to blebby pyrite.	
GO	165.03	165.09						Grey gouge vein.	
VN	165.21	165.25	60.00			Py	50.00	Smokey quartz vein hosting disseminated to semi-massive pyrite and disseminated sphalerite.	
						Sp	1.00		
VN	169.89	169.92	65.00			Py	50.00	Grey quartz and tan carbonate vein hosting disseminated to semi-massive pyrite and blebby galena and sphalerite.	
						Gn	10.00		
						Sp	7.00		
VN	171.11	171.12	65.00			Py	40.00	Smokey quartz and disseminated to blebby pyrite.	
VN	171.40	171.49	60.00		2.00	Py	10.00	One 2cm grey to black gouge vein which hosts minor amounts of disseminated pyrite and one 2.5cm grey quartz and white carbonate vein which hosts disseminated to blebby pyrite and sphalerite along with disseminated arsenopyrite.	
						Sp	25.00		
						As	3.00		
VN	171.40	171.49	65.00			Py	40.00	White carbonate vein hosting disseminated to semi-massive pyrite and sphalerite along with disseminated arsenopyrite.	
						As	1.00		
						Sp	30.00		
BX	174.25	174.30	75.00			Py	20.00	Black silicified breccia hosting disseminated to blebby pyrite, galena sphalerite and disseminate arsenopyrite.	
						As	1.00		
						Gn	5.00		
						Sp	10.00		
BX	181.35	181.46	73.00			Py	10.00	White carbonate breccia with 2mm-3cm sized smokey quartz clasts which host disseminated to blebby pyrite and arsenopyrite and well as disseminated sphalerite.	
						As	5.00		
						Sp	1.00		
VN	187.57	187.62	70.00			Py	<1	White and tan carb vein hosting trace amounts of disseminated pyrite.	
VN	225.38	225.39	70.00			Py	5.00	Grey quartz and white carbonate vein which hosts disseminated pyrite and arsenopyrite.	
						As	3.00		
VT	230.83	230.84	80.00			Py	10.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite and galena.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Gn	2.00		
VT	234.46	234.47	70.00			Py	15.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite.	
VN	235.16	235.18	65.00			Py	10.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite and sphalerite.	
						Sp	10.00		
VN	235.21	235.24	70.00			Py	5.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	236.63	236.69	75.00		2.00	Py	1.00	Two grey quartz vein and tan carbonate veins which hosts disseminated pyrite and sphalerite,	
						Sp	1.00		
VN	245.60	245.61				Py	25.00	Smokey quartz and grey gouge vein which hosts disseminated pyrite.	
VN	248.20	248.25	80.00			Py	5.00	Grey quartz and tan carbonate vein which hosts disseminate pyrite and sphalerite.	
						Sp	5.00		
VT	259.10	259.11	70.00			Py	5.00	0.5cm smokey quartz and tan carbonate veinlet hosting disseminated pyrite.	
VN	259.72	259.75	75.00			Py	8.00	Tan carbonate and smokey quartz vein which hosts disseminated pyrite.	
VN	265.55	265.58	80.00			Py	60.00	Tan carbonate and massive pyrite vein.	
GO	266.08	266.29	85.00			Py	5.00	Partially gouge altered granodiorite which hosts disseminated pyrite and sphalerite.	
						Sp	3.00		
VN	267.12	267.18	65.00		2.00	Py	7.00	Two tan carbonate veinlets (0.6-0.9cm) hosting massive sphalerite and blebby pyrite.	
						Sp	80.00		
VT	269.31	269.42	80.00		2.00	Py	60.00	Two grey quartz veinlets which host blebby pyrite and sphalerite.	
						Sp	30.00		
VN	269.84	269.85	70.00			Py	60.00	Grey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite.	
						As	1.00		
VN	270.19	270.22	85.00			Py	5.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VN	271.77	271.80	80.00			Py	10.00	Grey to smokey quartz vein hosting disseminated pyrite.	
VT	288.67	288.68	70.00			Py	1.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite.	
VT	290.34	290.35	70.00			Py	20.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
DK	290.75	290.83	70.00					Dark pink aplite dyke.	
VT	296.40	296.41	65.00					Grey to smokey quartz veinlet which hosts disseminated pyrite.	
VT	305.73	305.74	70.00			Py	7.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite.	
VN	310.10	310.30	90.00			Py	15.00	Grey quartz and tan carbonate vein hosting disseminated to blebby pyrite, galena and sphalerite. Carbonate veining cross-cuts the quartz. Carbonate exhibits crustiform and vuggy texture.	
						Gn	1.00		
						Sp	3.00		
VN	331.32	331.33	70.00			Py	1.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	331.68	331.69	80.00			Py	20.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	356.22	350.24	40.00			Py	5.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
								EOH	

KLAZA

Hole: DDH-KL-12-103 **Date:** Aug-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
12.9	10.2	5.2	551.2	347.9	GRD		PHC	4I	Py	<1	2.544559	2.711264	Strongly oxidized and phyllic alterde granodiorite hosting trace amounts of disseminated pyrite.
							OXI	4I					
23.65	10.3	5.2	545.6	339.5	FEL						2.494253	2.647259	Purple quartz feldspar porphyry dyke.
44.88	9.5	5.2	516.3	325.6	GRD						2.559069	2.707394	Grey granodiorite.
119.47	9.7	5.2	521.3	325.6	GRD		PHC	3I			2.530576	2.663771	Moderately phyllic altered granodiorite.
132.24	9.9	5.2	494.1	299.1	GRD		ARG	3I			2.350082	2.533846	Moderately argillic altered granodiorite with a weak potassic overprint.
							POT	2I					
148.23	9.9	5.2	532	333.9	FEL						2.530346	2.685512	Grey quartz feldspar porphyry dyke.
151.67	10.1	5.2	599.7	399.6	GRD		PHC	4I	Py	12	2.795864	2.997001	Strongly phyllic altered granodiorite hosting disseminated to blebby pyrite.
169.86	10	5.2	622.1	422.5	GRD		PHC	4I	Py	53	2.929299	3.116733	Strongly phyllic altered granodiorite hosting disseminated pyrite and a 2.5cm smokey quartz and tan acrbonate vein which hosts disseminated to semi-massive pyrite and blebby galena and sphalerite.
									Gn	10			
									Sp	7			
174.11	9.8	5.2	631.7	435.4	GRD		PHC	4I	Py	40	3.035206	3.218034	Strong phylllic altered granodiorite hosting disseminated pyrite and a 2.5cm white carbonate vein which hosts dissmeinated to blebby pyrite and sphalerite as well as disseminated arsenopyrite.
									Sp	30			
									As	1			
196.78	10.1	5.2	531.3	333.8	GRD						2.476976	2.690127	Grey granodiorite.
													EOH

KLAZA

Hole: DDH-KL-12-103 **Date:** Aug 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
1.00	2.90	1.90	1.00	52.6	M355239	1				Overburden
2.90	6.46	3.56	2.53	71.1	M355240	1				Rubble/Gouge
6.46	9.66	3.20	2.10	65.6	M355241	1				Rubble/Gouge
9.66	10.73	1.07	1.03	96.3	M355242	1				
10.73	11.73	1.00	1.00	100	M355243	1				
11.73	13.69	1.96	1.90	96.9	M355244	1				
					M355245	1				Duplicate
13.69	15.26	1.57	1.54	98.1	M355246	1				
15.26	17.37	2.11	1.71	81	M355247	1				
17.37	19.28	1.91	1.91	100	M355248	1				
19.28	20.28	1.00	1.00	100	M355249	1				
20.28	22.98	2.70	2.70	100	M355250	1				
					M355251	1				Klaza Standard-1
22.98	26.07	3.09	2.80	90.6	M355252	1				
26.07	27.07	1.00	1.00	100	M355253	1				
					M355254	1				Blank
27.07	28.38	1.31	1.31	100	M355255	1				
28.38	29.90	1.52	1.50	98.7	M355256	1				
					M355257	1				Blank
29.90	30.90	1.00	1.00	100	M355258	1				
30.90	31.90	1.00	1.00	100	M355259	1				
31.90	34.37	2.47	2.47	100	M355260	1				
34.37	35.69	1.32	1.32	100	M355261	1				
35.69	36.69	1.00	1.00	100	M355262	1				
					M355263	1				Coarse Reject Duplicate
36.69	38.71	2.02	2.02	100	M355264	1				
38.71	41.76	3.05	2.83	92.8	M355265	1				
41.76	44.81	3.05	3.02	99	M355266	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
44.81	47.85	3.04	3.04	100	M355267	1				
47.85	50.90	3.05	3.05	100	M355268	1				
					M355269	1				Klaza Standard-3
50.90	53.95	3.05	3.05	100	M355270	1				
53.95	56.65	2.70	2.70	100	M355271	1				
56.65	57.65	1.00	1.00	100	M355272	1				
57.65	60.05	2.40	2.36	98.3	M355273	1				
60.05	63.09	3.04	3.04	100	M355274	1				
63.09	65.62	2.53	2.45	96.8	M355275	2				
65.62	66.62	1.00	1.00	100	M355276	2				
66.62	68.94	2.32	2.23	96.1	M355277	2				
68.94	69.94	1.00	1.00	100	M355278	2				
69.94	71.79	1.85	1.85	100	M355279	2				
71.79	72.79	1.00	1.00	100	M355280	2				
					M355281	2				Blank
72.79	74.55	1.76	1.60	90.9	M355282	2				
					M355283	2				Klaza Standard-2
74.55	76.30	1.75	1.75	100	M355284	2				
76.30	77.64	1.34	1.31	97.8	M355285	2				
77.64	78.64	1.00	1.00	100	M355286	2				
					M355287	2				Blank
78.64	81.38	2.74	2.74	100	M355288	2				
81.38	83.76	2.38	2.27	95.4	M355289	2				
83.76	84.76	1.00	1.00	100	M355290	2				
84.76	87.48	2.72	2.72	100	M355291	2				
87.48	90.53	3.05	3.05	100	M355292	2				
					M355293	2				Duplicate
90.53	93.42	2.89	1.80	62.3	M355294	2				poor recovery
93.42	96.62	3.20	3.05	95.3	M355295	2				
96.62	99.67	3.05	3.05	100	M355296	2				
					M355297	2				Klaza Standard-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
99.67	100.68	1.01	1.00	99	M355298	2				
100.68	102.73	2.05	2.05	100	M355299	2				
102.73	105.77	3.04	3.05	100	M355300	2				
105.77	108.81	3.04	2.86	94.1	M355301	2				
					M355302	2				Coarse Rejecct Duplicate
108.81	111.86	3.05	2.91	95.4	M355303	2				
111.86	114.91	3.05	3.05	100	M355304	2				
114.91	116.24	1.33	1.33	100	M355305	2				
116.24	118.61	2.37	2.06	86.9	M355306	2				
118.61	119.61	1.00	1.00	100	M355307	2				
119.61	120.90	1.29	1.29	100	M355308	2				
120.90	121.90	1.00	1.00	100	M355309	2				
121.90	122.92	1.02	1.02	100	M355310	2				
122.92	124.05	1.13	1.12	99.1	M355311	3				
124.05	127.10	3.05	3.00	98.4	M355312	3				
127.10	130.15	3.05	3.05	100	M355313	3				
130.15	131.26	1.11	1.11	100	M355314	3				
					M355315	3				Duplicate
131.26	132.36	1.10	1.10	100	M355316	3				
132.36	133.46	1.10	1.10	100	M355317	3				
133.46	136.25	2.79	2.79	100	M355318	3				
136.25	139.29	3.04	2.95	97	M355319	3				
139.29	141.91	2.62	2.62	100	M355320	3				
141.91	142.91	1.00	1.00	100	M355321	3				
					M355322	3				Klaza Standard-1
142.91	144.18	1.27	1.27	100	M355323	3				
144.18	145.57	1.39	1.28	92.1	M355324	3				
145.57	147.07	1.50	1.47	98	M355325	3				
					M355326	3				Blank
147.07	148.83	1.76	1.71	97.2	M355327	3				
148.83	151.14	2.31	2.31	100	M355328	3				
151.14	152.62	1.48	1.48	100	M355329	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
152.62	154.49	1.87	1.87	100	M355330	3				
154.49	156.49	2.00	2.00	100	M355331	3				
					M355332	3				Coarse Reject Duplicate
156.49	158.27	1.78	1.78	100	M355333	3				
					M355334	3				Klaza Standard-1
158.27	160.63	2.36	2.31	97.9	M355335	3				
160.63	162.00	1.37	1.37	100	M355336	3				
162.00	163.32	1.32	1.32	100	M355337	3				
163.32	165.44	2.12	2.12	100	M355338	3				
165.44	166.73	1.29	1.29	100	M355339	3				
166.73	169.65	2.92	2.92	100	M355369	3				*Inserted*
169.65	170.65	1.00	1.00	100	M355340	3				
					M355341	3				Blank
170.65	171.69	1.04	1.00	96.2	M355342	3				
171.69	173.39	1.70	1.70	100	M355343	3				
173.39	174.40	1.01	1.00	99	M355344	3				
174.40	175.40	1.00	1.00	100	M355345	3				
175.40	176.45	1.05	1.03	98.1	M355346	4				
176.45	178.92	2.47	2.47	100	M355347	4				
178.92	181.10	2.18	2.18	100	M355348	4				
181.10	182.10	1.00	1.00	100	M355349	4				
					M355350	4				Blank
182.10	183.46	1.36	1.36	100	M355351	4				
183.46	185.01	1.55	1.47	94.8	M355352	4				
					M355353	4				Duplicate
185.01	186.86	1.85	1.82	98.4	M355354	4				
186.86	187.86	1.00	1.00	100	M355355	4				
187.86	191.11	3.25	3.10	95.4	M355356	4				
191.11	194.16	3.05	3.02	99	M355357	4				
194.16	197.21	3.05	2.99	98	M355358	4				
					M355359	4				Coarse Reject Duplicate
197.21	200.25	3.04	3.00	98.7	M355360	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
200.25	203.30	3.05	3.05	100	M355361	4				
203.30	206.35	3.05	3.04	99.7	M355362	4				
206.35	209.40	3.05	3.00	98.4	M355363	4				
					M355364	4				Klaza Standard-3
209.40	212.45	3.05	3.05	100	M355365	4				
212.45	215.49	3.04	3.04	100	M355366	4				
215.49	218.04	2.55	2.34	91.8	M355367	4				
218.04	219.60	1.56	1.48	94.9	M355368	4				
219.60	221.84	2.24	1.94	86.6	M355370	4				
221.84	223.43	1.59	1.47	92.5	M355371	4				
223.43	225.09	1.66	1.63	98.2	M355372	4				
225.09	226.09	1.00	1.00	100	M355373	4				
226.09	227.23	1.14	1.11	97.4	M355374	4				
					M355375	4				Klaza Standard-2
227.23	229.29	2.06	2.06	100	M355376	4				
229.29	230.76	1.47	1.46	99.3	M355377	4				
230.76	232.92	2.16	2.16	100	M355378	4				
232.92	234.45	1.53	1.51	98.7	M355379	4				
234.45	235.47	1.02	1.00	98	M355380	4				
					M355381	4				Blank
235.47	236.88	1.41	1.38	97.9	M355382	4				
236.88	239.90	3.02	2.97	98.3	M355383	5				
239.90	242.95	3.05	3.02	99	M355384	5				
242.95	245.47	2.52	2.45	97.2	M355385	5				
					M355386	5				Klaza Standard-2
245.47	246.47	1.00	1.00	100	M355387	5				
246.47	247.72	1.25	1.25	100	M355388	5				
247.72	248.75	1.03	1.00	97.1	M355389	5				
					M355390	5				Blank
248.75	250.80	2.05	2.05	100	M355391	5				
250.80	252.07	1.27	1.27	100	M355392	5				
					M355393	5				Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
252.07	254.55	2.48	2.48	100	M355394	5				
254.55	255.56	1.01	1.00	99	M355395	5				
255.56	257.02	1.46	1.54	105	M355396	5				
257.02	258.02	1.00	1.00	100	M355397	5				
258.02	259.02	1.00	1.00	100	M355398	5				
					M355399	5				Coarse Reject Duplicate
259.02	260.02	1.00	1.00	100	M355400	5				
260.02	262.05	2.03	2.03	100	M355401	5				
					M355402	5				Klaza Standard-2
262.05	263.05	1.00	1.00	100	M355403	5				
263.05	265.47	2.42	2.40	99.2	M355404	5				
265.47	267.19	1.72	1.59	92.4	M355405	5				
					M355406	5				Blank
267.19	268.19	1.00	1.00	100	M355407	5				
268.19	269.32	1.13	1.13	100	M355408	5				
269.32	270.36	1.04	1.00	96.2	M355409	5				
270.36	271.63	1.27	1.25	98.4	M355410	5				
271.63	272.76	1.13	1.13	100	M355411	5				
272.76	274.24	1.48	1.45	98	M355412	5				
274.24	276.66	2.42	2.42	100	M355413	5				
276.66	278.22	1.56	1.54	98.7	M355414	5				
278.22	279.60	1.38	1.38	100	M355415	5				
279.60	282.55	2.95	2.61	88.5	M355416	5				
282.55	284.69	2.14	2.11	98.6	M355417	5				
284.69	285.69	1.00	1.00	100	M355418	5				
285.69	288.65	2.96	2.95	99.7	M355419	6				
288.65	291.69	3.04	3.03	99.7	M355420	6				
291.69	294.74	3.05	3.01	98.7	M355421	6				
					M355422	6				Coarse Reject Duplicate
294.74	297.79	3.05	2.94	96.4	M355423	6				
297.79	300.84	3.05	3.03	99.3	M355424	6				
300.84	303.89	3.05	2.93	96.1	M355425	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
303.89	305.46	1.57	1.57	100	M355426	6				
305.46	306.46	1.00	1.00	100	M355427	6				
					M355428	6				Klaza Standard-1
306.46	308.38	1.92	1.83	95.3	M355429	6				
308.38	309.86	1.48	1.48	100	M355430	6				
309.86	310.86	1.00	1.00	100	M355431	6				
					M355432	6				Blank
310.86	311.86	1.00	1.00	100	M355433	6				
311.86	314.41	2.55	2.35	92.2	M355434	6				
314.41	315.42	1.01	1.01	100	M355435	6				
315.42	317.50	2.08	2.08	100	M355436	6				
					M355437	6				Blank
317.50	318.55	1.05	1.05	100	M355438	6				
318.55	319.55	1.00	1.00	100	M355460	6				*Inserted*
319.55	321.22	1.67	2.77	166	M355439	6				
321.22	322.39	1.17	1.17	100	M355440	6				
322.39	324.98	2.59	2.59	100	M355441	6				
324.98	325.98	1.00	1.00	100	M355442	6				
					M355443	6				Klaza Standard-1
325.98	327.07	1.09	1.09	100	M355444	6				
327.07	328.07	1.00	1.00	100	M355445	6				
328.07	329.07	1.00	1.00	100	M355446	6				
329.07	330.64	1.57	1.57	100	M355447	6				
330.64	331.72	1.08	1.02	94.4	M355448	6				
331.72	334.37	2.65	2.62	98.9	M355449	6				
334.37	337.41	3.04	3.00	98.7	M355450	6				
337.41	340.46	3.05	3.04	99.7	M355451	6				
					M355452	6				Duplicate
340.46	343.51	3.05	3.05	100	M355453	6				
343.51	346.56	3.05	2.97	97.4	M355454	6				
346.56	349.27	2.71	2.71	100	M355455	7				
					M355456	7				Coarse Reject Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
349.27	350.37	1.10	1.10	100	M355457	7				
					M355458	7				Blank
350.37	352.65	2.28	2.21	96.9	M355459	7				EOH

KLAZA

Hole: DDH-KL-12-103 **Tech Name: Barry Penner** **Date: Aug 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	1.51	50	0.15	5		1	0S	5W	20 feet of casing. Rubbly.
3.05	6.10	3.05	2.31	76	0.00	0		1	0S	5W	
6.10	8.23	2.13	1.31	62	0.11	5		1	1S	5W	
8.23	11.28	3.05	2.85	93	1.22	40		1	1S	4W	
11.28	14.32	3.04	2.94	97	1.37	45		1	3S	4W	
14.32	17.37	3.05	2.61	86	0.56	18		2		4W	
17.37	20.42	3.05	2.97	97	0.13	4		1	2S	4W	
20.42	23.47	3.05	2.96	97	1.22	40		2	2S	3W	
23.47	26.52	3.05	2.51	82	1.06	35		2	3S	3W	
26.52	29.57	3.05	3.05	100	1.33	44		2	3S	3W	
29.57	32.61	3.04	3.04	100	1.08	36		2	3S	3W	
32.61	35.66	3.05	3.05	100	1.09	36		2	3S	3W	
35.66	38.71	3.05	3.05	100	2.50	82		2	3S	3W	
38.71	41.76	3.05	3.05	100	0.40	13		1	3S	4W	
41.76	44.81	3.05	3.05	100	1.04	34		2	3S	3W	
44.81	47.85	3.04	3.02	99	2.13	70		2	3S	2W	
47.85	50.90	3.05	3.05	100	2.33	76		2	3S	2W	
50.90	53.95	3.05	3.05	100	1.44	47		2	3S	3W	
53.95	57.00	3.05	3.05	100	2.19	72		2	3S	2W	
57.00	60.05	3.05	2.97	97	1.04	34		2	2S	3W	
60.05	63.09	3.04	3.04	100	0.74	24		2	1S	3W	
63.09	66.14	3.05	2.98	98	1.43	47		2	2S	2W	
66.14	69.19	3.05	3.00	98	2.14	70		2	3S	2W	
69.19	72.24	3.05	3.05	100	2.21	72		2	3S	2W	
72.24	75.29	3.05	2.87	94	1.45	48		2	3S	3W	
75.29	78.33	3.04	3.04	100	1.97	65		2	1S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	3.03	99	1.83	60		1	2S	3W	
81.38	84.43	3.05	2.99	98	2.22	73		2	3S	1W	
84.43	87.48	3.05	3.05	100	2.46	81		2	3S	1W	
87.48	90.53	3.05	3.05	100	2.73	90		2	3S	1W	
90.53	93.57	3.04	2.10	69	0.77	25		1	1S	4W	
93.57	96.62	3.05	2.96	97	1.81	59		2	2S	2W	
96.62	99.67	3.05	3.05	100	1.07	35		2	3S	2W	
99.67	102.72	3.05	3.05	100	1.77	58		2	3S	1W	
102.72	105.77	3.05	3.05	100	1.88	62		2	3S	3W	
105.77	108.81	3.04	2.86	94	1.27	42		1	2S	3W	
108.81	111.86	3.05	2.93	96	1.72	56		2	3S	2W	
111.86	114.91	3.05	3.05	100	0.97	32		2	2S	2W	
114.91	117.96	3.05	2.93	96	1.17	38		2	3S	2W	
117.96	121.01	3.05	3.05	100	1.25	41		2	2S	2W	
121.01	124.05	3.04	3.05	100	2.10	69		2	2S	2W	
124.05	127.10	3.05	3.05	100	2.70	89		2	3S	1W	
127.10	130.15	3.05	3.05	100	1.96	64		2	3S	1W	
130.15	133.20	3.05	3.05	100	1.71	56		2	2S	2W	
133.20	136.25	3.05	3.05	100	0.61	20		2	3S	2W	
136.25	139.29	3.04	2.98	98	0.92	30		1	1S	4W	
139.29	142.34	3.05	3.05	100	2.34	77		2	3S	2W	
142.34	145.39	3.05	3.05	100	1.25	41		2	2S	3W	
145.39	148.44	3.05	3.05	100	1.57	51		2	2S	2W	
148.44	151.49	3.05	3.00	98	1.24	41		2	2S	2W	
151.49	154.53	3.04	3.05	100	2.49	82		2	2S	1W	
154.53	157.58	3.05	3.05	100	1.70	56		2	3S	2W	
157.58	160.63	3.05	3.05	100	2.10	69		2	3S	2W	
160.63	163.68	3.05	3.04	100	2.23	73		2	2S	2W	
163.68	166.73	3.05	2.94	96	1.82	60		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.82	93	2.18	72		2	3S	2W	
169.77	172.82	3.05	2.94	96	2.30	75		2	3S	2W	
172.82	175.87	3.05	3.03	99	2.51	82		2	4S	1W	
175.87	178.92	3.05	3.04	100	1.84	60		1	4S	2W	
178.92	181.97	3.05	3.02	99	1.54	50		2	4S	1W	
181.97	185.01	3.04	2.95	97	2.33	77		2	3S	1W	
185.01	188.06	3.05	3.04	100	1.65	54		1	2S	1W	
188.06	191.11	3.05	2.94	96	2.33	76		2	3S	2W	
191.11	194.16	3.05	2.98	98	2.66	87		2	3S	2W	
194.16	197.21	3.05	2.90	95	1.67	55		2	3S	1W	
197.21	200.25	3.04	3.05	100	1.96	64		1	2S	2W	
200.25	203.30	3.05	3.01	99	1.97	65		2	4S	2W	
203.30	206.35	3.05	3.03	99	2.20	72		2	4S	2W	
206.35	209.40	3.05	2.92	96	1.93	63		2	3S	2W	
209.40	212.45	3.05	2.85	93	2.15	70		2	3S	2W	
212.45	215.49	3.04	2.86	94	1.10	36		1	2S	3W	
215.49	218.54	3.05	2.70	89	0.48	16		1	1S	3W	
218.54	221.69	3.15	2.80	89	0.50	16		1	0S	2W	
221.69	224.64	2.95	2.92	99	1.51	51		2	1S	3W	
224.64	227.69	3.05	2.97	97	1.99	65		2	4S	2W	
227.69	230.73	3.04	3.04	100	2.79	92		2	4S	2W	
230.73	233.78	3.05	3.05	100	2.19	72		2	1S	2W	
233.78	236.83	3.05	3.05	100	2.64	87		2	1S	2W	
236.83	239.88	3.05	3.05	100	2.41	79		2	4S	2W	
239.88	242.93	3.05	3.05	100	2.43	80		2	4S	2W	
242.93	245.97	3.04	2.95	97	1.89	62		2	3S	2W	
245.97	249.02	3.05	3.05	100	2.49	82		2	3S	1W	
249.02	252.07	3.05	3.05	100	2.99	98		2	3S	2W	
252.07	255.12	3.05	3.05	100	2.84	93		2	4S	2W	
255.12	258.17	3.05	3.05	100	2.38	78		2	3S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3.04	100	2.36	78		2	4S	2W	
261.21	264.26	3.05	3.05	100	3.05	100		2	4S	2W	
264.26	267.31	3.05	2.94	96	2.56	84		2	1S	2W	
267.31	270.36	3.05	3.05	100	2.57	84		2	3S	2W	
270.36	273.41	3.05	3.05	100	2.95	97		2	1S	2W	
273.41	276.45	3.04	3.04	100	2.86	94		2	4S	2W	
276.45	279.50	3.05	3.05	100	2.19	72		1	0S	4W	
279.50	282.55	3.05	2.79	91	2.03	67		2	3S	2W	
282.55	285.60	3.05	3.05	100	1.95	64		2	3S	2W	
285.60	288.65	3.05	3.05	100	2.76	90		2	3S	1W	
288.65	291.69	3.04	3.05	100	2.65	87		2	3S	1W	
291.69	294.74	3.05	3.05	100	2.43	80		2	4S	1W	
294.74	297.79	3.05	2.98	98	1.68	55		2	4S	1W	
297.79	300.84	3.05	3.05	100	2.41	79		2	3S	1W	
300.84	303.89	3.05	3.01	99	2.51	82		2	3S	1W	
303.89	306.93	3.04	3.05	100	2.22	73		2	3S	2W	
306.93	309.98	3.05	3.05	100	1.39	46		1	3S	3W	
309.98	313.03	3.05	3.05	100	2.01	66		2	3S	2W	
313.03	316.08	3.05	3.05	100	2.39	78		2	3S	2W	
316.08	319.13	3.05	3.05	100	2.40	79		2	4S	2W	
319.13	322.17	3.04	3.05	100	2.14	70		2	0S	3W	
322.17	325.22	3.05	2.98	98	2.00	66		2	3S	2W	
325.22	328.27	3.05	3.05	100	1.52	50		2	0S	2W	
328.27	331.32	3.05	3.05	100	1.85	61		2	0S	3W	
331.32	334.37	3.05	3.05	100	1.86	61		2	1S	1W	
334.37	337.41	3.04	3.05	100	2.12	70		2	3S	1W	
337.41	340.46	3.05	3.05	100	2.63	86		2	4S	1W	
340.46	343.51	3.05	3.05	100	2.96	97		2	3S	1W	
343.51	346.56	3.05	3.01	99	2.98	98		2	3S	1W	
346.56	349.61	3.05	3.05	100	2.79	91		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
349.61	352.65	3.04	3.00	99	2.68	88		2	3S	1W	EOH

KLAZA

Hole: DDH-KL-12-103 **Tech Name:** Barry Penner **Date:** Aug 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05	3.05							
3.05	6.10	3.05							
6.10	8.23	2.13							
8.23	11.28	3.05	80.00	0.30	8.00	3.00	3R	4W	
11.28	14.32	3.04	50.00	0.15	0.00	2.00	2R	4W	
14.32	17.37	3.05							Rubbly
17.37	20.42	3.05	30.00	0.20	0.00	2.00	2R	2W	
20.42	23.47	3.05	45.00	0.10	0.00	2.00	2R	3W	
23.47	26.52	3.05	35.00	0.10	0.00	2.00	3R	3W	
26.52	29.57	3.05							
29.57	32.61	3.04	55.00	0.20	10.00	2.00	3R	3W	
32.61	35.66	3.05							
35.66	38.71	3.05	70.00	0.80	2.00	2.00	3R	2W	
38.71	41.76	3.05							Rubbly
41.76	44.81	3.05							Very broken, rnadom fractures
44.81	47.85	3.04	30.00	1.50	1.00	2.00	3R	2W	
47.85	50.90	3.05	20.00	1.00	1.00	2.00	3R	2W	
50.90	53.95	3.05	50.00	0.10	1.00	2.00	3R	2W	
53.95	57.00	3.05	70.00	0.20	0.00	2.00	3R	2W	
57.00	60.05	3.05	5.00	0.40	4.00	2.00	3R	2W	
60.05	63.09	3.04							random fractures
63.09	66.14	3.05	30.00	0.40	6.00	2.00	3R	3W	
66.14	69.19	3.05	70.00	0.40	1.00	2.00	3R	2W	
69.19	72.24	3.05	40.00	0.15	1.00	2.00	3R	2W	
72.24	75.29	3.05	6.00	0.15	0.00	2.00	3R	2W	
75.29	78.33	3.04	40.00	1.00	0.00	2.00	3R	2W	
78.33	81.38	3.05							

KLAZA

81.38	84.43	3.05	60.00	0.08	1.00	2.00	3R	2W	
84.43	87.48	3.05	60.00	1.00	0.00	2.00	3R	1W	
87.48	90.53	3.05	20.00	1.50	0.00	2.00	3R	1W	
90.53	93.57	3.04							rubbly
93.57	96.62	3.05	45.00	50.00	2.00	2.00	3R	2W	
96.62	99.67	3.05							
99.67	102.72	3.05	60.00	0.10	0.00	1.00	3R	2W	
102.72	105.77	3.05	45.00	0.20	3.00	2.00	3R	2W	
105.77	108.81	3.04	60.00	0.35	0.00	2.00	3R	1W	
108.81	111.86	3.05	60.00	0.10	0.00	2.00	3R	2W	
111.86	114.91	3.05	50.00	0.10	0.00	2.00	3R	2W	
114.91	117.96	3.05	60.00	0.20	0.00	2.00	3R	2W	
		0.00	75.00	0.05	0.00	1.00	2R	2W	
117.96	121.01	3.05	65.00	0.12	0.00	2.00	3R	2W	
121.01	124.05	3.04							Very competent
124.05	127.10	3.05							Very competent
127.10	130.15	3.05	45.00	0.25	0.00	2.00	3R	2W	
130.15	133.20	3.05	40.00	0.30	0.00	2.00	3R	2W	
133.20	136.25	3.05	30.00	0.50	2.00	2.00	3R	2W	
136.25	139.29	3.04	50.00	0.30	3.00	2.00	3R	3W	
139.29	142.34	3.05	-	-	-	-	-	-	Very competent
142.34	145.39	3.05	-	-	-	-	-	-	Rubbly, random fractures
145.39	148.44	3.05	55.00	0.50	2.00	2.00	3R	2W	
148.44	151.49	3.05	-	-	-	-	-	-	Random fractures
151.49	154.53	3.04	-	-	-	-	-	-	
154.53	157.58	3.05	50.00	0.25	0.00	2.00	32R	2W	
157.58	160.63	3.05	40.00	0.20	20.00	2.00	3R	3W	
160.63	163.68	3.05	70.00	1.20	0.00	2.00	3R	2W	
163.68	166.73	3.05	60.00	0.30	0.00	1.00	2R	2W	
166.73	169.77	3.04	60.00	0.63	0.00	1.00	2R	2W	
169.77	172.82	3.05	70.00	0.10	0.00	1.00	2R	2W	
172.82	175.87	3.05	60.00	0.39	0.00	1.00	2R	2W	
175.87	178.92	3.05	50.00	0.07	0.00	1.00	2R	1W	
178.92	181.97	3.05	60.00	0.17	0.00	1.00	2R	2W	
181.97	185.01	3.04	60.00	0.32	0.00	1.00	2R	1W	
185.01	188.06	3.05	-	-	-	-	-	*	
188.06	191.11	3.05	70.00	0.54	0.00	1.00	2R	1W	
191.11	194.16	3.05	40.00	0.20	0.00	1.00	2R	2W	

KLAZA

194.16	197.21	3.05	40.00	0.14	1.00	2.00	3R	2W	
197.21	200.25	3.04	60.00	0.60	0.00	1.00	2R	1W	
200.25	203.30	3.05	50.00	0.58	0.00	1.00	2R	2W	
203.30	206.35	3.05	40.00	0.61	0.00	1.00	2R	2W	
206.35	209.40	3.05	50.00	0.27	0.00	1.00	2R	2W	
209.40	212.45	3.05	60.00	0.49	0.00	1.00	2R	1W	
212.45	215.49	3.04	70.00	0.55	0.00	1.00	2R	2W	
215.49	218.54	3.05	-	-	-	-	-	-	Rubbly
218.54	221.69	3.15	-	-	-	-	-	-	Rubbly
221.69	224.64	2.95	60.00	0.20	2.00	2.00	3R	2W	
224.64	227.69	3.05	50.00	0.15	1.00	2.00	3R	2W	
227.69	230.73	3.04	-	-	-	-	-	-	Very competent
230.73	233.78	3.05	40.00	0.20	4.00	2.00	3R	3W	
233.78	236.83	3.05	-	-	-	-	-	-	
236.83	239.88	3.05	70.00	0.05	0.00	2.00	3R	2W	
239.88	242.93	3.05	65.00	0.50	0.00	2.00	3R	2W	
242.93	245.97	3.04	20.00	0.30	2.00	2.00	3R	2W	
245.97	249.02	3.05	-	-	-	-	-	-	Very competent
249.02	252.07	3.05	-	-	-	-	-	-	Very competent
252.07	255.12	3.05	25.00	0.03	15.00	2.00	3R	2W	
255.12	258.17	3.05	75.00	0.25	0.00	2.00	3R	2W	
258.17	261.21	3.04	20.00	0.45	2.00	2.00	3R	2W	
261.21	264.26	3.05	-	-	-	-	-	-	Very competent
264.26	267.31	3.05	-	-	-	-	-	-	Very competent
267.31	270.36	3.05	45.00	0.70	2.00	2.00	3R	2W	
270.36	273.41	3.05	-	-	-	-	-	-	Very competent
273.41	276.45	3.04	-	-	-	-	-	-	Very competent
276.45	279.50	3.05	65.00	0.10	1.00	2.00	3R	2W	
279.50	282.55	3.05	40.00	0.50	2.00	2.00	3R	2W	
282.55	285.60	3.05	30.00	0.55	10.00	2.00	3R	2W	
285.60	288.65	3.05	40.00	2.00	2.00	2.00	3R	2W	
288.65	291.69	3.04	-	-	-	-	-	-	Very competent
291.69	294.74	3.05	-	-	-	-	-	-	
294.74	297.79	3.05	45.00	0.35	1.00	2.00	3R	2W	
297.79	300.84	3.05	30.00	0.25	1.00	1.00	3R	1W	
		0.00	70.00	0.10	0.00	2.00	3R	1W	
300.84	303.89	3.05	35.00	1.00	0.00	2.00	3R	1W	
		0.00	60.00	0.05	0.00	1.00	3R	3W	

KLAZA

303.89	306.93	3.04	35.00	0.60	30.00	1.00	3R	3W	
306.93	309.98	3.05	50.00	0.10	4.00	1.00	3R	2W	
309.98	313.03	3.05	40.00	0.07	6.00	1.00	3R	2W	
313.03	316.08	3.05	50.00	0.07	12.00	2.00	3R	4W	
316.08	319.13	3.05	50.00	0.45	0.00	2.00	3R	2W	
319.13	322.17	3.04	60.00	0.03	1.00	2.00	3R	2W	
322.17	325.22	3.05	50.00	0.70	3.00	2.00	3R	2W	
325.22	328.27	3.05	-	-	-	-	-	-	
328.27	331.32	3.05	60.00	0.25	5.00	2.00	3R	3W	
331.32	334.37	3.05	65.00	0.30	4.00	2.00	3R	1W	
334.37	337.41	3.04	60.00	0.50	1.00	2.00	3R	1W	
337.41	340.46	3.05	60.00	1.00	0.00	2.00	3R	1W	
340.46	343.51	3.05	-	-	-	-	-	-	Very competent
343.51	346.56	3.05	-	-	-	-	-	-	Very competent
346.56	349.61	3.05	40.00	1.30	3.00	2.00	3R	1W	
349.61	352.65	3.04	-	-	-	-	-	-	Very competent
									EOH

KLAZA

Hole: DDH-KL-12-103 Date: Aug 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	Crumbled
2.00	n/a	Crumbled
3.00	n/a	Crumbled
4.00	n/a	Crumbled
5.00	n/a	Crumbled
6.00	n/a	Crumbled
7.00	n/a	Crumbled
8.00	0.10	
9.00	0.14	
10.00	0.07	
11.00	0.18	
12.00	0.18	
13.00	0.10	
14.00	0.07	
15.00	0.14	
16.00	0.20	
17.00	0.47	
18.00	0.49	
19.00	0.16	
20.00	0.29	
21.00	0.20	
22.00	0.16	
23.00	0.05	
24.00	0.25	
25.00	0.21	
26.00	0.96	
27.00	0.25	
28.00	0.31	
29.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.53	
31.00	0.43	
32.00	15.70	
33.00	7.74	
34.00	12.90	
35.00	2.63	
36.00	0.89	
37.00	10.70	
38.00	17.40	
39.00	14.30	
40.00	1.92	
41.00	11.70	
42.00	0.98	
43.00	15.20	
44.00	18.10	
45.00	19.90	
46.00	19.30	
47.00	18.40	
48.00	0.95	
49.00	6.42	
50.00	19.40	
51.00	0.53	
52.00	14.30	
53.00	21.80	
54.00	19.30	
55.00	19.00	
56.00	20.20	
57.00	0.87	
58.00	16.70	
59.00	14.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	9.13	
61.00	5.70	
62.00	9.11	
63.00	17.20	
64.00	16.70	
65.00	15.20	
66.00	0.76	
67.00	6.27	
68.00	4.81	
69.00	0.47	
70.00	0.80	
71.00	3.22	
72.00	0.75	
73.00	12.90	
74.00	12.00	
75.00	0.62	
76.00	3.11	
77.00	0.91	
78.00	0.43	
79.00	0.65	
80.00	10.80	
81.00	21.20	
82.00	10.00	
83.00	19.30	
84.00	0.51	
85.00	17.40	
86.00	22.80	
87.00	10.90	
88.00	22.20	
89.00	21.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	19.40	
91.00	18.10	
92.00	0.93	
93.00	7.11	
94.00	13.70	
95.00	0.82	
96.00	16.30	
97.00	1.13	
98.00	0.40	
99.00	4.66	
100.00	0.47	
101.00	0.86	
102.00	0.29	
103.00	0.60	
104.00	0.53	
105.00	0.42	
106.00	0.27	
107.00	0.42	
108.00	8.10	
109.00	10.60	
110.00	13.80	
111.00	19.00	
112.00	13.60	
113.00	20.90	
114.00	4.35	
115.00	24.00	
116.00	8.72	
117.00	27.30	
118.00	11.40	
119.00	6.73	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	5.01	
121.00	1.75	
122.00	12.10	
123.00	3.91	
124.00	5.03	
125.00	22.20	
126.00	27.80	
127.00	18.00	
128.00	22.50	
129.00	24.10	
130.00	25.10	
131.00	3.45	
132.00	4.86	
133.00	3.47	
134.00	11.90	
135.00	1.97	
136.00	12.00	
137.00	12.70	
138.00	23.20	
139.00	17.20	
140.00	21.00	
141.00	11.10	
142.00	4.42	
143.00	2.65	
144.00	14.70	
145.00	1.06	
146.00	2.70	
147.00	6.24	
148.00	4.37	
149.00	3.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	7.35	
151.00	5.47	
152.00	1.75	
153.00	2.37	
154.00	4.08	
155.00	6.05	
156.00	4.50	
157.00	20.40	
158.00	7.75	
159.00	1.48	
160.00	4.83	
161.00	6.95	
162.00	5.03	
163.00	0.84	
164.00	0.38	
165.00	0.36	
166.00	1.54	
167.00	12.70	
168.00	18.90	
169.00	16.80	
170.00	0.38	
171.00	0.45	
172.00	6.78	
173.00	4.55	
174.00	0.51	
175.00	0.40	
176.00	0.43	
177.00	4.20	
178.00	0.31	
179.00	10.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	12.20	
181.00	0.62	
182.00	0.54	
183.00	0.53	
184.00	13.30	
185.00	7.74	
186.00	19.70	
187.00	1.00	
188.00	12.70	
189.00	16.60	
190.00	15.30	
191.00	14.90	
192.00	13.30	
193.00	14.10	
194.00	15.50	
195.00	14.40	
196.00	14.50	
197.00	13.70	
198.00	16.50	
199.00	14.00	
200.00	14.10	
201.00	19.90	
202.00	17.10	
203.00	13.80	
204.00	18.60	
205.00	16.10	
206.00	12.90	
207.00	16.60	
208.00	9.18	
209.00	15.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	14.10	
211.00	17.10	
212.00	16.60	
213.00	17.10	
214.00	15.00	
215.00	5.01	
216.00	14.70	
217.00	17.90	
218.00	14.70	
219.00	5.78	
220.00	0.65	
221.00	2.30	
222.00	0.54	
223.00	0.49	
224.00	0.31	
225.00	17.10	
226.00	16.70	
227.00	9.35	
228.00	17.80	
229.00	17.50	
230.00	11.20	
231.00	0.98	
232.00	17.10	
233.00	10.10	
234.00	13.40	
235.00	0.43	
236.00	1.13	
237.00	15.10	
238.00	15.70	
239.00	19.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	13.60	
241.00	16.70	
242.00	19.20	
243.00	18.40	
244.00	14.60	
245.00	17.10	
246.00	18.60	
247.00	17.00	
248.00	8.87	
249.00	15.00	
250.00	18.20	
251.00	17.00	
252.00	17.30	
253.00	16.70	
254.00	16.50	
255.00	1.62	
256.00	7.88	
257.00	17.60	
258.00	16.90	
259.00	8.21	
260.00	15.40	
261.00	13.20	
262.00	19.90	
263.00	9.02	
264.00	13.30	
265.00	10.60	
266.00	0.45	
267.00	0.75	
268.00	14.80	
269.00	10.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.51	
271.00	20.70	
272.00	7.28	
273.00	13.60	
274.00	15.90	
275.00	13.50	
276.00	14.10	
277.00	5.41	
278.00	0.69	
279.00	3.20	
280.00	18.70	
281.00	12.90	
282.00	17.50	
283.00	17.50	
284.00	17.40	
285.00	15.80	
286.00	14.30	
287.00	15.80	
288.00	16.20	
289.00	17.40	
290.00	16.30	
291.00	19.30	
292.00	17.90	
293.00	17.70	
294.00	18.10	
295.00	19.90	
296.00	15.50	
297.00	17.70	
298.00	14.90	
299.00	16.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	11.70	
301.00	15.70	
302.00	18.10	
303.00	17.40	
304.00	18.80	
305.00	18.10	
306.00	18.70	
307.00	14.90	
308.00	17.00	
309.00	1.00	
310.00	0.98	
311.00	1.92	
312.00	15.90	
313.00	1.99	
314.00	13.70	
315.00	14.30	
316.00	0.64	
317.00	7.88	
318.00	6.64	
319.00	0.62	
320.00	17.60	
321.00	0.67	
322.00	0.27	
323.00	1.20	
324.00	0.25	
325.00	0.18	
326.00	0.27	
327.00	0.56	
328.00	0.38	
329.00	0.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	6.44	
331.00	0.31	
332.00	12.30	
333.00	5.16	
334.00	20.80	
335.00	15.20	
336.00	18.10	
337.00	21.60	
338.00	16.10	
339.00	17.30	
340.00	12.90	
341.00	19.20	
342.00	18.80	
343.00	15.20	
344.00	16.80	
345.00	4.39	
346.00	1.42	
347.00	19.30	
348.00	16.10	
349.00	15.20	
350.00	6.55	
351.00	12.70	
352.00	16.90	EOH

KLAZA

Hole: DDH-KL-12-103 Date: Aug 2012

Box #	From (m)	To (m)
1	0.00	5.70
2	5.70	11.28
3	11.28	17.37
4	17.37	22.98
5	22.98	28.90
6	28.90	34.41
7	34.41	39.74
8	39.74	44.81
9	44.81	50.68
10	50.68	55.82
11	55.82	61.46
12	61.46	66.97
13	66.97	72.76
14	72.76	78.33
15	78.33	83.98
16	83.98	89.80
17	89.80	96.22
18	96.22	101.72
19	101.72	107.33
20	107.33	112.98
21	112.98	118.45
22	118.45	124.05
23	124.05	129.79
24	129.79	135.02
25	135.02	140.08
26	140.08	145.39
27	145.39	150.90
28	150.90	156.07
29	156.07	161.53

KLAZA

30	161.53	167.18
31	167.18	172.82
32	172.82	178.40
33	178.40	183.44
34	183.44	189.35
35	189.35	195.28
36	195.28	200.87
37	200.87	206.53
38	206.53	212.51
39	212.51	218.24
40	218.24	223.22
41	223.22	229.16
42	229.16	234.94
43	234.94	240.82
44	240.82	246.75
45	246.75	252.55
46	252.55	258.17
47	258.17	263.94
48	263.94	269.71
49	269.71	275.38
50	275.38	280.57
51	280.57	286.33
52	286.33	292.07
53	292.07	297.99
54	297.99	303.89
55	303.89	309.40
56	309.40	315.15
57	315.15	320.90
58	320.90	326.65
59	326.65	332.22
60	332.22	338.00
61	338.00	343.51
62	343.51	348.89
63	348.89	352.65
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Dickon			381359.8	6889615.7	1268.41	131.98

SECTION:

HOLE: DDH-12-104

CLAIM: YA93471

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 12-15th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	50.09	50.09	GRD	Oxidized granodiorite.
50.09	52.29	2.20	GRD	Strongly phyllic altered and silicified granodiorite.
52.29	69.68	17.39	GRD	Fresh granodiorite with patchy weak propylitic
				phyllic alteration.
69.68	78.72	9.04	GRD	Weakly propylitic altered granodiorite.
78.72	85.66	6.94	GRD	Phyllic altered granodiorite.
85.66	99.50	13.84	GRD	Argillic altered with patches of phyllic and propylitic
				alteration.
99.50	101.49	1.99	FEL	Quartz-feldspar-porphry dyke.
101.49	109.13	7.64	GRD	Phyllic altered granodiorite.
109.13	111.10	1.97	GRD	Propylitic altered granodiorite.
111.10	114.97	3.87	GRD	Argillic altered granodiorite.
114.97	121.01	6.04	GRD	Propylitic altered granodiorite.
121.01	131.98	10.97	GRD	Granodiorite with alternating/patchy propylitic and
		0.00		phyllic alteration.
				EOH

SAMPLES

Numbers: N813244-N813250, N811820-N811889

Total: 77

Batch: 104-1 to 104-3

Date Sent:

Certificate:

COMMENTS

Highly faulted and fragmented (poor recovery). EOH 131.98 m.

KLAZA

Hole: DDH-12-104 **Logger Name:** Nicole Marsh **Date:** Aug 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	30.00						GRD		MD	OR		3.00									Oxidized, fractures and fragmented granodiorite with intervals of crumbly, extremely oxidized material. Limonite staining on almost all fractures, goethite staining on some fractures and lesser localized hematite staining. Limonite staining on some surfaces of core.
									MD	GY											
30.00	50.09						GRD		MD	GY		2.00									
										PK				POT	2.00						Pink-grey granodiorite with limonite staining on some fractures. Localized heavy goethite staining on fractures (+ dusty goethite). Trace argillic alteration and patches of friable rock. Localized intense oxidization (vibrant orange limonite staining throughout).
										PU				ARG	1.00						
			32.61	38.97			GRD		MD	OR		4.00									Highly fragmented, friable and limonite stained granodiorite. Intervals of clay altered gouge. Dusty, intense limonite on some fractures.
50.09	52.29						GRD		MD	OR		4.00	4.00	PHC	3.00						Phyllic altered and silicified granodiorite with intense patches of limonite staining (localized limonite pitting). Quartz-carbonate veining present (see secondary structures). Hematite and goethite staining on some fractures. Small patch of intense clay alteration. Blob of white-green-blue clay alteration at 51.10m.
									LT	GN											
52.29	69.68						GRD		MD	GY		2.00		PHC	1.00	<1					Grey-purple granodiorite with patchy limonite staining on surfaces, especially associated with phyllic alteration. Trace argillic alteration. Heavy goethite staining on localized fractures and limonite staining on majority of fractures (localized dusty coating). Patchy light green phyllic alteration. Veining within phyllic alteration. Colouration due to weak potassic alteration(?).
										PU				POT	2.00						
										PK											
69.98	78.72						GRD		MD	GY	PA	1.00		PRO	2.00						Grey granodiorite with green tint. Weakly propylitic altered granodiorite with patches of
										GN				PHC	2.00						
														ARG	1.00						
78.72	85.66						GRD		LT	GN				PHC	3.00			He	1.00		Weak to moderately phyllic altered granodiorite with abundant zones of fault gouge and friable rock. Altered granodiorite. Overall light mottled white-blue-green colours. Patchy potassic overprinting. Localized hematite staining and dusty coating.
									LT	BL				POT	1.00						
85.66	92.74						GRD		LT	WH											
									MD	GY	RU			ARG	3.00						Extremely fragmented and friable propylitic and argillic altered granodiorite. Soft feldspars and abundant chlorite (replacing horneblende). Localized hematite staining on fractures. Trace potassic alteration. >80% crumbly core.
										BL				PRO	3.00						
														POT	1.00						
92.74	93.27						GRD		LT	GN	EN			PHC	4.00	<1					Light green, strong phyllic alteration enveloping quartz-carbonate and grey vitreous quartz veins and 2mm fault zones. Disseminated pyrite present. Approximately 60% competent core, 40% weak core.
93.27	99.50						GRD		LT	GN	GO			PRO	2.00	<1					Highly fragmented granodiorite. Light blue-green and pink mottled colours. Minor potassic alteration. Extremely faulted, abundant clay altered fault gouge (more gouge than competent core). Trace disseminated pyrite. Patchy hematite staining on competent core. Moderate argillic altered with propylitic (weak to moderate) overprinting, and phyllic altered granodiorite with potassic overprinting (or he staining?).
									LT	BL	RU			PHC	2.00						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									LT	PK				PRO	2.00						
														POT	1.00						
														ARG	1.00						
99.50	101.49						FEL		MD	GY	PO										Highly fragmented and faulted quartz-feldspar-porphyry dyke. Purple and light to dark grey-green colours. Abundant fault gouge within interval. Can break 90% of core with hands. Localized chlorite and hematite on fractures. Some phenocrysts are stained pink.
									MD	GN											
									MD	PU											
101.49	109.13						GRD		LT	GN	MO										Highly fractures and faulted granodiorite. Mottled light green and pink colours. Phyllic altered (+propylitic?) with hematite staining. Abundant chlorite causing some blue-green colouration.
									LT	PK											
109.13	125.74						GRD		MD	GY				PRO	2.00						Weakly propylitic altered and competent granodiorite with patches of friable argillic alteration. Heavy chlorite on many fractures and localized hematite on fractures. Trace potassic alteration.
										GN				PHC	1.00						
														POT	1.00						
			111.10	114.97			GRD		LT	WH				ARG	4.00						Strongly argillic altered, soft/friable granodiorite with weak to moderate propylitic alteration. Abundant chlorite. 24cm gouge zone from 114.05m.
									MD	GY				PRO	2.00						
									MD	GY											
			121.01	122.65			GRD		LT	GN				PHC	3.00						Weak to moderate phyllic altered granodiorite. Light bleached green colour with patchy blue--green propylitic overprint(?). Trace potassic alteration.
														PRO	1.00						
														POT	1.00						
125.74	130.15						GRD		MD	GY	PA			PRO	2.00						Mottled/patchy altered granodiorite. Weakly propylitic altered granodiorite with weak phyllic and potassic overprinting. Highly fragmented rock. Mottled colours of pink, light green and grey and blue-green.
									LT	GN	MO			PHC	2.00						
									LT	PK				POT	1.00						
									MD	GN											
130.15	131.98						GRD		LT	GN	RU			PHC	2.00						Crumbly, rubble and gouge granodiorite. Abundant fault material? Overall light green colour. Phyllic altered?
																					EOH

KLAZA

Hole: DDH-12-104 **Logger Name: Nicole Marsh**

Depth (m)		DESCRIPTION
99.50		Granodiorite hangingwall, quartz-feldspar-porphyry dyke footwall. Green colour, weak rock. Contact obscured by gouge therefore contact at unknown angle.
101.49		Quartz-feldspar-porphyry dyke footwall, granodiorite hangingwall. Green, chlorite altered granodiorite and purple quartz-feldspar-porphyry dyke. Contact obscured by gouge therefore contact at unknown angle.
		EOH

KLAZA

Hole: DDH-12-104 **Logger Name:** Nicole Marsh **Date:** Aug 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
									** Highly fragmented and fragmented core. Secondary structures may have been lost.**	
GO	35.10	36.00							Limonite stained and clay altered gouge. Unknown angle.	
VN	51.20	51.25		70.00					1.4cm stringy white-quartz carbonate vein with silicified and phyllic alteration halo and limonite staining.	
VN	59.49	59.55		55.00					White carbonate vein at 55 degrees to-core-axis. Limonite staining and some limonite/goethite pitting. Vein within phyllic altered and silicified zone.	
VN	64.21	64.24		63.00			Py	<1	Banded smoky quartz, white-quartz carbonate vein hosting fine disseminated pyrite. Limonite pitted and heavy limonite staining. 1.7cm in width. Vibrant green phyllic alteration.	
VN	64.35	66.40		55.00					White quartz-carbonate vein with smoky quartz hosting fine disseminated pyrite. 1.9cm in width.	
VN	70.85	70.93		35.00					Grey (light-grey and dark-grey) fault gouge. Clay altered and minor sulphide gouge hosting small crystals if pyrite throughout. Blebby pyrite within footwall. 7cm in width.	
VT	70.55	70.58		65.00			Py	1.00	Quartz veinlet hosting blebby and disseminated pyrite.	
VN	72.26	72.30		85.00			Py	3.00	White-vitreous quartz, creamy + pink + yellow quartz-carbonate vein hosting disseminated and blebby pyrite, trace galena and oxidized sphalerite(?). 1.2cm in width with silicified alteration halo.	
							Gn	<1		
VT	73.55	73.67		55.00		2.00			2 white quartz-carbonate veinlets at 50 and 60 degrees to-core-axis. 7mm and 4mm in width.	
VN	78.03	78.06		85.00					Grey chalcedony, white quartz-carbonate and minor blue-grey vitreous quartz hosting blebby and disseminated pyrite. Stringy vein. 2.1cm in width.	
GO	78.82	79.38		70.00					Clay altered gouge with grey sulphide gouge (overall light green colour with some grey sulphide gouge) until 79.12, then white-pink less clay altered fault gouge until the end of the interval. 54cm total width.	
FT	80.34	84.80				11.00			Clay altered fault gouge zones. Very soft, white with pink and/or green tint. 2cm to 16cm in width. Carrying angles (45 to 80 degrees to-core-axis). Highly hematite stained clay gouge at 83.40m.	
VN	85.02	85.10		90.00		2.00			Blotchy, grey-vitreous quartz and pink ankerite vein and veinlet hosting disseminated pyrite. Vein and veinlet within developing fault zone. Minor clay alteration. 3.4cm vein at approximately 90 degrees to-core-axis.	
GO	92.75	92.85		55.00			Py	<1	Carbonate, smoky quartz and chlorite vein hosting disseminated pyrite + 1mm of clay altered gouge at lower contact. 1.5cm in width.	
VN	92.85	93.09		6.00			Py	<1	Netted/blotchy vein of quartz-carbonate and minor smoky quartz hosting disseminated pyrite. Sulphide gouge within cracks. Band is 6.5cm in width and orientated at 60 degrees to-core-axis.	
FT	94.10	108.81							Heavily fragmented and faulted, weakly to well developed fault gouge.	
FT	114.00	114.37							Heavily fragmented and faulted, weakly to well developed fault gouge.	
VT	117.12	117.18		45.00		1.00			Carbonate veinlet rimmed by vibrant green chlorite. 8mm in width. Orientated at 45 degrees to-core-axis.	
VT	121.55	121.59		70.00					White quartz-carbonate veinlet at 70 degrees to-core-axis. 8mm in width.	
VT	123.12	123.16		70.00					Quartz and carbonate vuggy quartz-carbonate veinlet within phyllic alteration (with hematite staining). 4mm in width.	
VT	126.82	129.00				15.00			White quartz-carbonate stringers and thin veinlets at various orientations (20-80 degrees to-core-axis).	
									EOH @ 131.98	

KLAZA

Hole: DDH-12-104 **Date:** Aug-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
7.18	10.2	4.1	385.5	242.1	GRD	MA					2.862639	2.688285	Fresh granodiorite.
13.4	9.6	4.1	357	222.1	GRD	MA	POT	2			2.816692	2.646405	Grey-purple potassic altered granodiorite.
50.03	9.7	4.1	352.3	217.3	GRD	PA	LIM	4			2.750954	2.60963	Strong phyllic altered granodiorite with strong patchy limonite staining.
							PHC	4					
72.26	9.3	4.1	358.1	227.9	GRD		PHC	3	Py	3	2.916512	2.750384	Moderately phyllic altered and strongly silicified granodiorite hosting quartz and wuartz-carbonate veinlet (bearing pyrite and galena).
							SIL	4	Gn	<1			
109.4	10.05	4.1	369.2	231	GRD		PRO	2			2.782518	2.671491	Weakly propylitic altered granodiorite with quartz-eyes.
117.35	8.7	4.1	314.4	196.6	GRD		POT	1			2.737195	2.66893	Weakly phyllic altered granodiorite with trace potassic akteration.
							PHC	2					EOH

KLAZA

Hole: DDH-12-104 **Date:** Aug 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
26.52	27.79	1.27	0.93	73.2	N813244	104-1				Rubbly and fragmented
27.79	29.61	1.82	1.33	73.1	N813245	104-1				Rubbly and fragmented
29.61	32.61	3.00	1.43	47.7	N813246	104-1				Rubbly and fragmented
					N813247	104-1				STD-KL-2
32.61	34.29	1.68	0.89	53	N813248	104-1				Rubbly and fragmented
					N813249	104-1				BLANK
34.29	36.20	1.91	1.40	73.3	N813250	104-1				Rubbly and fragmented
36.20	37.00	0.80	0.79	98.8	N811820	104-1				Rubbly and fragmented, SWITCHED TAG BOOK
37.00	38.98	1.98	1.15	58.1	N811821	104-1				Rubbly and fragmented
38.98	41.76	2.78	1.28	46	N811822	104-1				Rubbly and fragmented
41.76	43.00	1.24	1.24	100	N811823	104-1				Rubbly and fragmented
43.00	45.30	2.30	1.85	80.4	N811824	104-1				Rubbly and fragmented
					N811825	104-1				1/4 DUPLICATE
45.30	47.85	2.55	1.55	60.8	N811826	104-1				Rubbly and fragmented
47.85	50.00	2.15	1.59	74	N811827	104-1				Rubbly and fragmented
50.00	51.00	1.00	0.85	85	N811828	104-1				Rubbly and fragmented
51.00	52.25	1.25	1.10	88	N811829	104-1				Rubbly and fragmented
52.25	54.70	2.45	2.15	87.8	N811830	104-1				Rubbly and fragmented
					N811831	104-1				COARSE REJECT DUPLICATE
54.70	55.70	1.00	0.90	90	N811832	104-1				Rubbly and fragmented
55.70	56.95	1.25	0.83	66.4	N811833	104-1				Rubbly and fragmented
56.95	58.00	1.05	1.00	95.2	N811834	104-1				
58.00	59.78	1.78	1.75	98.3	N811835	104-1				
59.78	61.95	2.17	1.82	83.9	N811836	104-1				
61.95	63.50	1.55	1.32	85.2	N811837	104-1				
63.50	64.90	1.40	1.02	72.9	N811838	104-1				
64.90	66.35	1.45	1.30	89.7	N811839	104-1				
66.35	67.50	1.15	0.70	60.9	N811840	104-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
67.50	69.13	1.65	1.47	89.1	N811841	104-1				
					N811842	104-1				STD-KL-2
69.13	70.79	1.66	1.66	100	N811843	104-1				
70.79	72.33	1.54	1.53	99.4	N811844	104-1				
					N811845	104-1				BLANK
72.33	73.45	1.12	1.05	93.7	N811846	104-1				
73.45	74.57	1.12	1.01	90.2	N811847	104-1				
74.57	76.10	1.53	1.53	100	N811848	104-1				
76.10	77.20	1.10	1.07	97.3	N811849	104-2				
					N811850	104-2				STD-KL-1
77.20	78.72	1.52	1.52	100	N811851	104-2				
78.72	81.25	2.53	2.09	82.6	N811852	104-2				
					N811853	104-2				BLANK
81.25	82.25	1.00	0.92	92	N811854	104-2				
82.25	84.43	2.18	1.78	81.7	N811855	104-2				Rubbly
84.43	85.65	1.22	1.22	100	N811856	104-2				Rubbly
85.65	87.48	1.83	1.32	72.1	N811857	104-2				Rubbly
87.48	89.00	1.52	1.30	85.5	N811858	104-2				Rubbly
89.00	90.53	1.53	1.28	83.7	N811859	104-2				Rubbly
90.53	92.00	1.47	1.11	75.5	N811860	104-2				Rubbly
92.00	93.26	1.26	1.10	87.3	N811861	104-2				Rubbly
93.26	94.28	1.02	0.95	93.1	N811862	104-2				Rubbly
94.28	96.70	2.42	0.98	40.5	N811863	104-2				Rubbly, extremely poor recovery
96.70	98.49	1.79	1.82	1.79	N811864	104-2				
98.49	99.49	1.00	0.93	93	N811865	104-2				
99.49	100.70	1.21	1.12	92.6	N811866	104-2				
100.70	102.45	1.75	1.70	97.1	N811867	104-2				
102.45	104.30	1.85	1.42	76.8	N811868	104-2				
104.30	106.20	1.90	1.54	81.1	N811869	104-2				
106.20	107.97	1.77	1.15	65	N811870	104-2				Rubble

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
107.97	109.24	1.27	1.20	94.5	N811871	104-2				
109.24	111.77	2.53	2.24	88.5	N811872	104-2				
					N811873	104-2				STD-KL-3
111.77	113.95	2.18	2.15	98.6	N811874	104-2				
113.95	114.95	1.00	0.95	95	N811875	104-2				
					N811876	104-2				BLANK
114.95	116.96	2.01	2.00	99.5	N811877	104-2				
					N811878	104-2				1/4 DUPLICATE
116.96	117.96	1.00	1.00	100	N811879	104-2				
117.96	120.96	3.00	2.40	80	N811880	104-2				
					N811881	104-2				COARSE REJECT DUPLICATE
120.96	122.40	1.44	1.44	100	N811882	104-2				
122.40	124.05	1.65	1.59	96.4	N811883	104-2				
124.05	125.88	1.83	1.74	95.1	N811884	104-2				
125.88	127.30	1.42	1.42	100	N811885	104-3				
					N811886	104-3				STD-KL-2
127.30	129.73	2.43	2.15	88.5	N811887	104-3				
129.73	131.80	2.07	2.08	100	N811888	104-3				
					N811889	104-3				BLANK
										EOH

KLAZA

Hole: DDH-12-104 **Tech Name: T. Prentice** **Date: Aug 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	0.66	13	0.00	0		1	0S	5W	Entire interval extremely rubbly, all estimates are very rough.
5.18	8.23	3.05	2.37	78	0.28	9		2	2S	4W	Entire interval extremely rubbly, all estimates are very rough.
8.23	11.28	3.05	1.19	39	0.00	0		1	0S	5W	Entire interval extremely rubbly, all estimates are very rough.
11.28	14.33	3.05	0.09	3	0.00	0		1	4S	4W	Entire interval extremely rubbly, all estimates are very rough.
14.33	17.37	3.04	0.17	6	0.00	0		2	4S	3W	Entire interval extremely rubbly, all estimates are very rough.
17.37	20.42	3.05	2.12	70	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
20.42	23.47	3.05	1.60	52	0.00	0		2	4S	4W	Entire interval extremely rubbly, all estimates are very rough.
23.47	26.52	3.05	2.07	68	0.00	0		2	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
26.52	29.57	3.05	1.49	49	0.00	0		1	0S	5W	Entire interval extremely rubbly, all estimates are very rough.
29.57	32.61	3.04	1.43	47	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
32.61	35.66	3.05	1.60	52	0.00	0		1	0S	5W	Entire interval extremely rubbly, all estimates are very rough.
35.66	38.71	3.05	1.67	55	0.00	0		1	0S	5W	Entire interval extremely rubbly, all estimates are very rough.
38.71	41.76	3.05	1.21	40	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
41.76	44.81	3.05	1.97	65	0.19	6		1	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
44.81	47.85	3.04	1.99	65	0.00	0		2	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
47.85	50.90	3.05	1.50	49	0.10	3		2	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
50.90	53.95	3.05	2.18	71	0.45	15		2	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
53.95	57.00	3.05	1.98	65	0.12	4		2	4S	3W	Entire interval extremely rubbly, all estimates are very rough.
57.00	60.05	3.05	2.62	86	0.94	31		2	3S	3W	Entire interval extremely rubbly, all estimates are very rough.
60.05	63.09	3.04	2.48	82	0.71	23		2	3S	3W	Entire interval extremely rubbly, all estimates are very rough.
63.09	66.14	3.05	2.24	73	0.00	0		2	3S	3W	Entire interval extremely rubbly, all estimates are very rough.
66.14	69.19	3.05	1.87	61	0.00	0		2	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
69.19	72.24	3.05	2.65	87	0.25	8		2	3S	3W	Entire interval extremely rubbly, all estimates are very rough.
72.24	75.29	3.05	2.88	94	0.39	13		1	2S	3W	Entire interval extremely rubbly, all estimates are very rough.
75.29	78.33	3.04	3.00	99	0.00	0		1	3S	4W	Entire interval extremely rubbly, all estimates are very rough.
78.33	81.38	3.05	2.61	86	0.63	21		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
81.38	84.43	3.05	2.10	69	0.00	0		1	0S	4W	Entire interval extremely rubbly, all estimates are very rough.
84.43	87.48	3.05	2.42	79	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
87.48	90.53	3.05	2.34	77	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
90.53	93.57	3.04	1.96	64	0.30	10		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
93.57	96.62	3.05	1.22	40	0.00	0		1	0S	3W	Entire interval extremely rubbly, all estimates are very rough.
96.62	99.67	3.05	2.31	76	0.00	0		1	0S	4W	Entire interval extremely rubbly, all estimates are very rough.
99.67	102.72	3.05	2.23	73	0.00	0		1	0S	4W	Entire interval extremely rubbly, all estimates are very rough.
102.72	105.77	3.05	2.06	68	0.00	0		1	1S	3W	Entire interval extremely rubbly, all estimates are very rough.
105.77	108.81	3.04	2.03	67	0.00	0		1	1S	4W	Entire interval extremely rubbly, all estimates are very rough.
108.81	111.86	3.05	2.44	80	1.13	37		1	2S	4W	Entire interval extremely rubbly, all estimates are very rough.
111.86	114.91	3.05	2.62	86	0.00	0		1	0S	4W	Entire interval extremely rubbly, all estimates are very rough.
114.91	117.96	3.05	2.59	85	0.84	28		1	0S	3W	Entire interval extremely rubbly, all estimates are very rough.
117.96	121.01	3.05	2.24	73	0.00	0		1	2S	3W	Entire interval extremely rubbly, all estimates are very rough.
121.01	124.65	3.64	2.70	74	0.11	3		1	2S	3W	Entire interval extremely rubbly, all estimates are very rough.
124.65	127.10	2.45	2.30	94	0.25	10		1	2S	3W	Entire interval extremely rubbly, all estimates are very rough.
127.10	130.15	3.05	2.18	71	0.00	0		1	2S	2W	Entire interval extremely rubbly, all estimates are very rough.
130.15	131.98	1.83	1.13	62	0.00	0		1	0S	3W	
											EOH @ 131.98m

KLAZA

Hole: DDH-12-104 **Tech Name:** T. Prentice **Date:** Aug 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
5.18	8.23		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
8.23	11.28		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
11.28	14.33		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
14.33	17.37		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
17.37	20.42		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
20.42	23.47		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
23.47	26.52		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
26.52	29.57		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
29.57	32.61		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
32.61	35.66		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
35.66	38.71		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
38.71	41.76		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
41.76	44.81		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
44.81	47.85		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
47.85	50.90		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
50.90	53.95		65.00	0.60	0.00	2.00	3R	3W	
53.95	57.00		50.00	0.30	0.00	2.00	3R	3W	
57.00	60.05		65.00	0.30	2.00	2.00	3R	3W	
60.05	63.09		40.00	0.25	0.00	2.00	3R	3W	
63.09	66.14		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
66.14	69.19		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
69.19	72.24		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
72.24	75.29		60.00	0.10	1.00	2.00	3R	2W	Entire interval extremely rubbly, all estimates are very rough.
75.29	78.33		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
78.33	81.38		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
81.38	84.43		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
84.43	87.48		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
87.48	90.53		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
90.53	93.57		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
93.57	96.62		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
96.62	99.67		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
99.67	102.72		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
102.72	105.77		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
105.77	108.81		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.

KLAZA

108.81	111.86		40.00	0.16	0.00	2.00	3R	2W	Entire interval extremely rubbly, all estimates are very rough.
111.86	114.91		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
114.91	117.96		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
117.96	121.01		60.00	0.08	0.00	2.00	3R	2W	Entire interval extremely rubbly, all estimates are very rough.
121.01	124.65		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
124.65	127.10		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
127.10	130.15		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
130.15	131.98		-	-	-	-	-	-	Entire interval extremely rubbly, all estimates are very rough.
									EOH @131.98m

KLAZA

Hole: **DDH-12-104** **Date: Aug 2012**

Box #	From (m)	To (m)
1	0.00	14.33
2	14.33	22.38
3	22.38	27.26
4	27.26	33.07
5	33.07	39.12
6	39.12	45.21
7	45.21	50.09
8	50.09	55.65
9	55.65	60.94
10	60.94	67.06
11	67.06	72.06
12	72.06	77.24
13	77.24	82.90
14	82.90	88.14
15	88.14	92.81
16	92.81	97.65
17	97.65	102.05
18	102.05	107.79
19	107.79	112.45
20	112.45	117.29
21	117.29	122.03
22	122.03	126.73
23	126.73	131.98
		EOH @ 131.98m

KLAZA

Hole: DDH-12-104 **Date: Aug 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	OVB
2.00	n/a	OVB
3.00	n/a	OVB
4.00	n/a	OVB
5.00	0.69	
6.00	20.00	
7.00	2.60	
8.00	8.93	
9.00	12.80	
10.00	14.60	
11.00	9.28	
12.00	n/a	Too poor of recovery
13.00	n/a	Too poor of recovery
14.00	n/a	Too poor of recovery
15.00	n/a	Too poor of recovery
16.00	n/a	Too poor of recovery
17.00	n/a	Too poor of recovery
18.00	21.10	
19.00	3.09	
20.00	0.32	
21.00	8.95	
22.00	23.50	
23.00	22.40	
24.00	13.60	
25.00	22.50	
26.00	0.41	
27.00	17.40	
28.00	0.10	
29.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	4.03	
31.00	3.91	
32.00	2.19	
33.00	2.54	
34.00	0.79	
35.00	0.20	
36.00	0.10	
37.00	0.49	
38.00	0.22	
39.00	4.92	
40.00	6.68	
41.00	10.30	
42.00	0.75	
43.00	12.10	
44.00	13.00	
45.00	10.80	
46.00	4.28	
47.00	14.60	
48.00	17.00	
49.00	13.90	
50.00	22.20	
51.00	0.22	
52.00	0.45	
53.00	13.60	
54.00	16.90	
55.00	16.40	
56.00	0.16	
57.00	3.38	
58.00	23.40	
59.00	10.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	12.70	
61.00	13.50	
62.00	8.63	
63.00	115.00	
64.00	13.30	
65.00	18.80	
66.00	15.00	
67.00	0.43	
68.00	14.60	
69.00	17.90	
70.00	3.52	
71.00	0.38	
72.00	0.43	
73.00	12.90	
74.00	0.98	
75.00	16.50	
76.00	9.63	
77.00	1.08	
78.00	0.53	
79.00	0.53	
80.00	2.43	
81.00	1.64	
82.00	1.08	
83.00	0.98	
84.00	0.20	
85.00	0.24	
86.00	19.10	
87.00	4.05	
88.00	1.88	
89.00	9.71	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	8.97	
91.00	4.22	
92.00	5.16	
93.00	13.60	
94.00	7.81	
95.00	4.32	
96.00	0.22	
97.00	0.55	
98.00	1.16	
99.00	0.76	
100.00	3.77	
101.00	1.06	
102.00	1.02	
103.00	0.20	
104.00	0.10	
105.00	0.28	
106.00	2.25	
107.00	0.28	
108.00	1.33	
109.00	0.23	
110.00	21.70	
111.00	19.60	
112.00	6.10	
113.00	8.67	
114.00	23.80	
115.00	34.80	
116.00	1.29	
117.00	0.67	
118.00	1.98	
119.00	11.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	3.21	
121.00	1.90	
122.00	0.38	
123.00	4.59	
124.00	1.70	
125.00	10.10	
126.00	0.75	
127.00	0.20	
128.00	5.69	
129.00	6.31	
130.00	0.73	
131.00	3.60	EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382240.03	6889583.6	1370.096	242.93

ZONE: Klaza

SECTION:

HOLE: KL-DDH12-105

CLAIM: YD09208

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 10-12th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	44.56	44.56	GRD	Heavily oxide stained granodiorite with no alteration.
44.56	55.16	10.60	GRD	Moderate-weak propyllitic granodiorite with crosscutting quartz-calcite veins.
55.16	65.50	10.34	GRD	Unaltered granodiorite with weak phyllic vein envelopes on crosscutting quartz veinlets.
65.50	84.58	19.08	GRD	Moderate-weak propyllitic granodiorite with patchy argillic alteration.
84.58	89.73	5.15	GRD	Moderate propyllitic granodiorite with patchy argillic alteration.
89.73	131.84	42.11	GRD	Moderate propyllitic granodiorite with patchy argillic alteration.
131.84	149.38	17.54	GRD	Unaltered granodiorite with patchy propyllitic alteration.
149.38	180.98	31.60	GRD	Moderate propyllitic granodiorite with patchy argillic alteration.
180.98	189.61	8.63	FEL	Mottled brown-green quartz feldspar porphyry dyke.
189.61	197.21	7.60	GRD	Moderately propyllitic granodiorite with thick mineralized dyke selvedge.
197.21	215.00	17.79	GRD	Weakly propyllitic with patchy unaltered granodiorite.
215.00	224.06	9.06	GRD	Moderate-strong propyllitic granodiorite with patchy argillic alteration.
224.06	242.93	18.87	GRD	Moderate-weak propyllitic granodiorite with patchy argillic alteration.

SAMPLES

Numbers: N814403 - N814559

Total: 157

Batch: 105-1 to 105-5

Date Sent:

Certificate:

COMMENTS

EOH @ 242.93m.

KLAZA

Hole: KL-DDH12-105 **Logger Name:** Teresa Cruz **Date: August 11, 2011**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	44.56	44.56				mKgW	GRD	MG	LT	GY	RB	4I									Heavily oxide stained/weathered granodiorite. No epithermal alteration. Fractured and rubbly until 25.50m. Pervasive oxide staining until 25.40m, and fracture-limited staining crosscut by rare quartz-carbonate veins that sometimes have narrow phyllic envelopes.
									MD	OR	FR										
			0.00	5.18	5.18	mKgW	GRD	MG	DK	BN	RB	5I									HQ drill through heavily oxidized granodiorite. Redrill-bit change material from 4.57-5.18m.
									MD	OR	FR										
			5.18	8.11	2.93	mKgW	GRD	MG	MD	GY	FR	3I									NQ drilling begins. Semi competent unaltered granodiorite with strongly oxidized fractures.
										OR											
			11.75	13.10	1.35	mKgW	GRD	MG	MD	GY	FR	3I									Semi competent unaltered granodiorite with strongly oxidized fractures.
										OR											
			17.75	19.50	1.75	mKgW	GRD	MG	MD	GY	FR	3I									Semi competent unaltered granodiorite with strongly oxidized fractures.
										OR											
			25.50	44.56	19.06	mKgW	GRD	MG	MD	GY	FR	2I									Semi competent unaltered granodiorite with strongly oxidized fractures.
										OR											
44.56	55.16	10.60				mKgW	GRD	MG	MD	GY	XL	1I		PRO	3I						Moderate-weak propyllitic granodiorite with patchy argillic and quartz-calcite veins with phyllic envelopes.
										GN				ARG	2I						
			44.56	46.78	2.22	mKgW	GRD	MG	LT	GY	XL			PHC	2I						Moderate argillic altered granodiorite crosscut by four quartz-calcite veins with phyllic envelopes.
										PK				ARG	3I						
55.16	65.50	10.34				mKgW	GRD	MG	LT	GY	XL			PHC	2I						Unaltered granodiorite with weak phyllic vein envelopes on crosscutting quartz veinlets.
65.50	84.58	19.08				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate-weak propyllitic granodiorite with patchy argillic alteration and phyllic envelopes on crosscutting quartz veinlets.
										GN	PA			ARG	2I						
			66.79	67.37	0.58	mKgW	GRD	MG	LT	GY	XL			ARG	2I						Moderate argillic granodiorite.
										PK											
			67.71	68.65	0.94	mKgW	GRD	MG	LT	GY	XL			ARG	3I						Moderate argillic granodiorite.
										PK											
84.58	89.73	5.15				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate propyllitic with phyllic-argillic vein envelopes on crosscutting veins.
										GN	PA										
89.73	131.84	42.11				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Propyllitic granodiorite with patches of weak phyllic-argillic on crosscutting veinlets.
										GN	PA			ARG	2I						
														PHC	2I						
			103.32	106.21	2.89	mKgW	GRD	MG	LT	GY	XL			ARG	3I						Thick argillic envelopes due to crosscutting veinlets with phyllic patches.
										GN	PA			PHC	2I						
			107.04	109.44	2.40	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Thick argillic envelopes due to crosscutting veinlets with phyllic patches, with several strongly crustiform quartz.
									LT	GN	PA			PHC	2I						
			110.60	112.34	1.74	mKgW	GRD	MG	MD	GN	XL			PRO	4I						Very strong propyllitic, nearly obliterating the original textures.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			115.34	116.54	1.20	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Thick argillic envelopes due to crosscutting veinlets with phyllic patches, with several strongly crustiform quartz.
									LT	PK				PHC	2I						
			125.23	126.38	1.15	mKgW	GRD	MG	LT	GY	XL			ARG	3I						Moderately argillic granodiorite.
										GN	PA										
			128.13	130.96	2.83	mKgW	GRD	MG	MD	GN	XL			PRO	5I						Very strong propyllitic granodiorite crosscut by calcite veinlets and weak-moderate gouge.
											GO										
131.84	149.38	17.54				mKgW	GRD	MG	MD	GN	XL			PRO	2I						Unaltered granodiorite with patchy weak propyllitic alteration. Crosscut by quartz veinlets with weak phyllic envelopes.
										GY	PA										
149.38	180.98	31.60				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite with patchy phyllic alteration due to overlapping envelopes on crosscutting quartz veins. One thick massive quartz vein (163.6-164.3m) is rubbly and contains pyrite. Granodiorite hosts a thick dyke selvedge where it is interfingered by porphyry dyke.
										GY	PA										
			155.82	157.39	1.57	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Phyllic envelopes on closely-spaced quartz veins overlap to produce thick interval. Crosscut by cream-white-grey banded-crustiform quartz veinlets.
										GY											
			163.30	164.52	1.22	mKgW	GRD	MG	LT	GN	XL			PHC	4I	I					Phyllic granodiorite crosscut by a thick massive quartz vein with disseminated pyrite. Quartz vein is completely reduced to rubble, with strong clay alteration along a rich sulphide veinlet.
										GY	RB										
			168.84	171.60	2.76	mKgW	GRD	MG	LT	GN	XL			PHC	4I						Weakly clay altered phyllic granodiorite crosscut by closely spaced quartz veins.
										GY				CLY	2I						
			171.98	172.93	0.95	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderate argillic alteration with patchy propyllitic granodiorite.
									LT	PK				PRO	2I						
			180.69	180.98	0.29	mKgW	GRD	MG	MD	GN	XL			PHC	4I	6.00		GN	2.00		Black breccia dyke selvedge with pyrite and galena mineralization and weak clay alteration.
									DK	BK				CLY	2I						
180.98	189.61	8.63				LKqP	FEL	FG	LT	BN	PO			SER	2I						Mottled brown-green quartz feldspar porphyry dyke with sericite altered quartz and feldspar phenocrysts. Crosscut by netted white quartz-carbonate veinlets. Crosscut by clay altered-gouged phyllic granodiorite where dyke possibly diverged, or cut through in two stages.
									MD	GN											
			182.56	183.90	1.34	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate phyllic and clay altered granodiorite with stronger clay alteration at dyke contacts.
										GY				CLY	3I						
189.61	197.21	7.60				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite with thick mineralized dyke selvedge with a phyllic and argillic alteration halo.
										GY	PA			ARG	2I						
														PHC	2I						
			189.61	190.98	1.37	mKgW	GRD	MG	MD	GN	XL			PHC	4I			PY	###		Thickly veined and mineralized dyke selvedge. Crosscut by varying white-grey-smoky quartz veins with pyrite and galena.
									DK	BK								GN	3.00		
			190.98	191.51	0.53	mKgW	GRD	MG	LT	PK	XL			ARG	4I						Strongly argillic granodiorite.
										WH											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
197.21	215.00	17.79				mKgW	GRD	MG	MD	GN	XL			PRO	2I						Weakly propyllitic with patches of unaltered granodiorite, crosscut by rare pink aplite dykes and white quartz-carbonate veinlets.
										GY											
215.00	224.06	9.06				mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate-strong phyllic altered granodiorite with patchy propyllitic. Crosscut by quartz-carbonate veinlets. Rubbly and gouged due to large fault zone.
									LT	GY	RB			PRO	1I						
			215.00	215.40	0.40	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic crosscut by dark green chlorite veinlet.
										PK											
			215.75	217.78	2.03	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic patch crosscut by thin calcite veinlets.
									DK												
			217.78	224.06	6.28	mKgW	GRD	MG	LT	GN	RB			PHC	4I						Strongly phyllic granodiorite in a thick fault zone with moderate clay gouge. Crosscut by quartz-carbonate veinlets.
										GY	GO			CLY	3I						
224.06	242.93	18.87				mKgW	GRD	MG	MD	GN	RB			PRO	3I						Moderate-weak propyllitic alteration with patchy argillic. Crosscut by quartz veinlets. Rubbly zone at 240.9m depth until EOH at 242.93m.
									LT	GY	PA			ARG	3I						
			227.31	228.87	1.56	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic with weak propyllitic producing a weakly mottled pink-grey-green colouration. Crosscut by occasional quartz veinlets.
									LT	PK				PRO	1I						
			230.13	231.75	1.62	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic with weak propyllitic producing a weakly mottled pink-grey-green colouration. Crosscut by occasional quartz veinlets.
									LT	PK				PRO	1I						
			232.42	232.88	0.46	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic with weak propyllitic producing a weakly mottled pink-grey-green colouration. Crosscut by occasional quartz veinlets.
									LT	PK				PRO	1I						
			234.31	234.67	0.36	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic with weak propyllitic producing a weakly mottled pink-grey-green colouration. Crosscut by occasional quartz veinlets.
									LT	PK				PRO	1I						
			236.46	237.04	0.58	mKgW	GRD	MG	MD	GY	XL			ARG	3I			HE	5		Moderate argillic with weak red hematite staining on a slickenside.
									LT	PK				HEM	2I						
			239.32	239.71	0.39	mKgW	GRD	MG	MD	GY	XL										Moderate argillic with weak propyllitic producing a weakly mottled pink-grey-green colouration. Crosscut by occasional quartz veinlets.
									LT	PK											
			240.62	242.93	2.31	mKgW	GRD	MG	MD	GN	RB			ARG	2I						Faulted-rubbly weak argillic-propyllitic until EOH.
									LT	GY				PRO	2I						
																					EOH

KLAZA

Hole: KL-DDH12-105 Logger Name: Teresa Cruz Date: August 11, 2011

Depth (m)		DESCRIPTION
180.98		Undulatory sharp 40 degrees TCA clay altered contact between hanging wall (phyllic granodiorite) and foot wall (quartz feldspar porphyry dyke).
189.61		Sharp 70 degrees TCA clay altered contact between hanging wall (quartz

KLAZA

Hole: KL-DDH12-105 **Logger Name:** Teresa Cruz **Date:** August 11, 2011

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	8.29	8.52	75.00			LI	40.00	Very strongly oxidized quartz vein with large vugs. Possibly substantial mineralization removed by oxide weathering.	
						GO	40.00		
VN	10.58	11.34	55.00		9.00	LI	20.00	Strongly oxidized quartz veins with vugs. Possible missing mineralization due to weathering.	
						GO	20.00		
VT	14.08	17.65	60.00		16.00	LI	15.00	Strongly oxidized quartz veins with vugs. Possible missing mineralization due to weathering.	
						GO	15.00		
FT	20.05	20.30	90.00			LI	10.00	Strongly developed fault zone with strong oxidation and rubble.	
VT	22.76	23.26	70.00		8.00	LI	10.00	Strongly oxidized quartz veins with vugs. Possible missing mineralization due to weathering.	
						GO	15.00		
VN	28.19	28.21	60.00			PY	8.00	White-grey semitranslucent banded quartz vein with blebby-disseminated pyrite along the band contacts.	
VN	39.22	39.23	70.00					White-orange oxide weathered quartz vein.	
VT	40.91	40.92	90.00			PY	10.00	Milky-off-white weakly crustiform quartz veinlet hosting disseminated pyrite at its edges.	
VN	45.98	46.02	30.00					Translucent grey quartz vein with subangular 5mm clasts of phyllic granodiorite.	
VN	46.22	46.30	50.00					White massive calcite vein.	
VN	47.09	47.12	60.00		2.00			Two crosscutting cream-white chalcedony veins.	
VN	47.29	47.30	75.00					White-yellow crustiform chalcedony vein with central vugs filled by white calcite.	
VT	50.04	53.12	70.00		6.00	PY	3.00	White-grey semitranslucent banded quartz veinlets with dark green chlorite envelopes hosting disseminated pyrite.	
VN	54.72	54.81	60.00			PY	6.00	Thick grey-smoky banded quartz vein crosscut by cream chalcedony veinlets, and paralleled by a 3cm calcite vein with well developed rhombic crystals on its downhole border. Grey-smoky quartz hosts disseminated pyrite.	
VT	56.53	56.54	80.00			PY	20.00	<1mm thick smoky-milky quartz veinlet with blebby-disseminated pyrite.	
VT	57.72	59.51	30.00		2.00	PY	15.00	Two 2mm thick smoky-milky quartz veinlet with blebby-disseminated pyrite.	
VN	60.77	60.80	70.00			PY	8.00	White-yellow-cream crustiform-massive quartz vein with interstitial white calcite. Hosts bright red discontinuous hematite stringer on its uphole border and blebby-disseminated pyrite.	
						HE	5.00		
VT	61.70	64.41	60.00		7.00	PY	3.00	Seven discontinuous milky-smoky quartz veinlets hosting disseminated pyrite with dark green chlorite envelopes.	
VT	65.73	65.75	45.00			PY	6.00	White coarse grained quartz-calcite veinlet hosting blebby pyrite with dark green chlorite envelope.	
VT	79.72	81.57	60.00		2.00	PY	3.00	White banded quartz-calcite veinlet with trace disseminated pyrite.	
VN	84.86	84.90	30.00			PY	10.00	Milky crustiform quartz vein with parallel grey quartz veinlets on its downhole border. Red hematite staining in grey quartz hosting disseminated-blebby pyrite.	
						HE	10.00		
VT	87.64	88.03	70.00		3.00			Grey massive-vuggy cryptocrystalline quartz veinlets.	
VT	92.29	92.30	45.00			PY	6.00	White massive semitranslucent quartz veinlet with disseminated-blebby pyrite and red hematite staining.	
						HE	6.00		
VT	94.74	94.75	85.00			PY	3.00	White weakly banded quartz veinlet with disseminated pyrite in its phyllic envelope.	
VN	94.92	94.94	30.00			HE	5.00	Grey massive-crustiform translucent quartz vein with weak pink-red hematite staining along the borders.	
VN	95.12	95.16	85.00			PY	3.00	Grey-white semitranslucent banded quartz vein with weak pink-red hematite staining along the borders.	
VT	98.90	98.98	60.00		3.00	PY	1.00	Three white-milky weakly banded quartz veinlets with weakly disseminated pyrite.	
VT	100.69	101.17	75.00		2.00	PY	1.00	Two white-milky weakly banded quartz veinlets with weakly disseminated pyrite.	
VT	103.49	104.27	80.00		3.00			Grey semitranslucent banded quartz veinlets.	
VT	107.30	107.34	75.00		5.00			Two grey translucent quartz veinlets (40 degrees) are crosscut by 3 (90 degrees) cream chalcedony veinlets.	
VT	107.80	109.02	90.00		7.00			Seven crustiform cream-white chalcedony veinlets with vugs.	
VT	108.25	108.29	80.00		3.00			White vuggy-crustiform chalcedony veinlets.	
VN	108.38	108.46	70.00					Vein consisting of three crackled crustiform chalcedony veinlets that have been weakly brecciated by a translucent quartz vein.	
VN	108.48	108.00	65.00		2.00			Vuggy-massive grey semitranslucent quartz veins, each 1.5cm wide.	
VT	109.00	109.02	80.00					Cream vuggy-crustiform chalcedony veinlet.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	109.13	109.18	80.00					Phyllic netted by milky crustiform-vuggy chalcedony veinlets.	
VT	111.67	111.70	45.00			HE	5.00	Milky crustiform quartz veinlet with weak red hematite staining.	
GO	111.73	111.77	60.00					Moderately gouged white-grey quartz vein.	
VN	111.87	111.91	45.00			HE	20.00	Grey translucent quartz vein with weak purple-red hematite staining.	
VT	115.47	115.48	80.00			PY	60.00	White massive quartz vein with 3mm blebby pyrite along its central axis.	
VN	115.57	115.60	80.00			PY	8.00	Grey-milky quartz vein brecciating phyllic granodiorite, hosting subrounded phyllic granodiorite clasts and disseminated-blebby pyrite.	
VT	115.70	115.81	70.00		7.00	PY	6.00	Seven closely spaced milky-smoky quartz veinlets with disseminated pyrite and possible trace arsenopyrite.	
						AS	1.00		
VN	115.90	115.93	80.00					Grey translucent quartz vein brecciated by crosscutting white-cream chalcedony veinlets, with central vugs filled by white translucent quartz.	
VN	116.42	116.44	60.00			PY	8.00	White weakly banded quartz vein with interstitial grey translucent quartz and a smoky quartz veinlet on its uphole border. Darker quartz hosts blebby-disseminated pyrite.	
VN	119.78	119.80	70.00			PY	3.00	White-grey banded quartz vein hosting disseminated pyrite, and weakly clay altered.	
VT	122.84	122.85	30.00			PY	3.00	White-grey banded quartz vein hosting disseminated pyrite, and weakly clay altered.	
FT	123.84	123.85	60.00					Moderately developed fault zone.	
VN	123.94	124.00	50.00			HE	20.00	Moderate clay altered white-grey banded quartz vein with red hematite staining.	
GO	128.72	128.88	30.00			PY	1.00	Moderately developed gouged quartz vein with disseminated pyrite.	
GO	129.74	130.08	20.00					Strong-moderately developed gouge zone.	
DY	130.96	131.18	55.00			PY	1.00	Fine-grained mafic porphyry dyke with weakly disseminated pyrite.	
VT	133.80	133.81	50.00					White crustiform quartz-chalcedony veinlet.	
VT	137.52	137.76	40.00			HE	15.00	Weakly developed fault zone with red hematite staining on fractures.	
VN	138.65	138.70	40.00			PY	5.00	Netted-banded white-grey quartz vein with disseminated pyrite.	
VT	143.70	145.82	60.00		5.00	PY	2.00	Five discontinuous white-grey translucent quartz veinlets with thick propyllitic-phyllic envelopes and weak red hematite staining and disseminated pyrite.	
						HE	3.00		
VT	146.59	150.28	70.00		6.00	PY	5.00	White massive quartz veinlet with disseminated pyrite.	
VN	149.50	149.63	40.00		2.00	PY	3.00	Two discontinuous grey translucent quartz veins with intense red-purple hematite staining and weak clay alteration.	
						HE	25.00		
VN	154.30	154.37	70.00		3.00			White-cream crustiform quartz-chalcedony veins.	
VT	156.00	157.37	75.00		19.00	PY	3.00	Nineteen white-grey-cream quartz veinlets with banded-crustiform textures and interstitial white calcite. Hosts disseminated pyrite.	
VN	163.51	164.32	30.00			PY	8.00	Thick massive white quartz vein that has been broken to rubble, and hosts blebby-disseminated pyrite. Ends with 2cm thick border of clay altered dark grey sulphide-rich vein hosting disseminated pyrite.	
VN	164.92	164.99	90.00		2.00	PY	6.00	Two white-grey semitranslucent quartz veins hosting disseminated pyrite.	
FT	166.20	166.32	70.00					Moderately developed fault zone.	
VT	166.50	166.56	25.00		2.00	PY	10.00	Two white weakly banded quartz veinlets hosting disseminated pyrite.	
FT	166.73	168.55	60.00		3.00			Moderately developed fault zone in propyllitic granodiorite.	
VN	169.06	169.14	30.00			PY	1.00	Thick, white-grey banded-vuggy quartz vein hosting trace disseminated pyrite and blebby ankerite.	
						AK	10.00		
VT	169.57	169.58	20.00			PY	6.00	Low angle grey-white banded quartz veinlet hosting disseminated-blebby pyrite	
VT	169.66	170.10	80.00		9.00	PY	6.00	Cram-grey banded quartz veinlets hosting disseminated pyrite.	
VN	170.21	170.59	50.00			PY	10.00	Thick, rubbly grey-white-cream-smoky banded quartz vein. White-cream quartz is vuggy, and smoky quartz hosts blebby pyrite.	
VN	170.62	170.79	45.00			PY	3.00	Grey-white vuggy-banded moderately clay altered quartz vein with disseminated pyrite.	
VN	171.19	171.79	60.00			PY	1.00	Grey quartz vein brecciating phyllic granodiorite. Hosts 3mm angular clasts with disseminated pyrite.	
VN	171.62	171.64	80.00			PY	30.00	White massive quartz vein with interstitial pink calcite and hosts massive pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	173.92	173.94	90.00					Vuggy-crustiform quartz-chalcedony vein with white-cream outer layers and yellow innermost layer.	
VT	174.55	174.71	90.00		2.00	PY	10.00	Two cream-grey-white semitranslucent banded quartz veinlets hosting disseminated pyrite.	
VT	175.15	175.17	25.00			HE	10.00	Green-grey quartz vein with red hematite staining.	
VN	176.90	176.97	90.00			PY	8.00	Complex quartz vein, mostly grey quartz with smoky quartz lenses, crosscut by cream-yellow banded-crustiform chalcedony veinlets. Chalcedony veinlets have interstitial white calcite. Hosts blebby pyrite.	
VT	179.86	180.19	80.00		6.00	PY	20.00	Six grey-smoky semitranslucent quartz veinlets with discontinuous central pyrite veinlets.	
VN	180.68	180.94	80.00			PY	20.00	Black breccia dyke selvedge. Black quartz hosts blebby-massive pyrite, discontinuous galena veinlets, blebby chalcopyrite, and blebby arsenopyrite. Also hosts 1-4mm angular granodiorite clasts and is moderately gouged near the dyke contact.	
						CP	5.00		
						AS	5.00		
						GN	10.00		
VT	180.95	182.55	45.00		9.00	PY	1.00	Weakly gouged grey quartz veinlets crosscutting quartz feldspar porphyry dyke. Trace pyrite.	
BX	182.55	182.59	30.00			PY	5.00	White quartz vein brecciating a thick chlorite vein. Chlorite clasts are 1cm (on average), and show weak orange oxidation stains. Quartz is vuggy-comb texture. Downhole border is paralleled by discontinuous fine-grained pyrite veinlets.	
GO	183.34	184.89	90.00			PY	3.00	Thick gouged quartz veins (white-smoky-grey banded) at the dyke selvedge.	
VN	189.61	190.98	75.00			PY	30.00	Thick complexly interacting quartz veins at the dyke selvedge. Generally: milky semitranslucent quartz crosscut by netted calcite veinlets at varying angles and thick discontinuous massive pyrite veins up to 10cm thick. White quartz is often crackled, with either calcite or fine-grained pyrite filling the cracks. Pyrite blebs often occur where there are intersecting cracks. Arsenopyrite and chalcopyrite are found as blebs in masses of pyrite throughout the selvedge. Selvedge is crosscut by a particularly galena-rich smoky quartz vein between 190.12-190.17m. Galena is massive-blebby, and has 1-2mm hexagonal crystals of honey brown sphalerite along its edges. Selvedge gets weakly-moderately gouged from 190.75-190.97m	x
						GN	10.00		
						AS	8.00		
						CP	3.00		
						SP	2.00		
VT	192.95	193.05	85.00		3.00	PY	10.00	Grey-white-smoky banded quartz veinlets with lenses of crustiform-vuggy white quartz with central vugs filled by white calcite. Grey-smoky quartz hosts disseminated-blebby pyrite.	
VN	193.30	193.33	80.00			PY	10.00	Grey-white semitranslucent banded quartz vein with blebby-disseminated pyrite preferentially oriented to the bands.	
VT	195.71	195.89	70.00		2.00	PY	10.00	Two veinlets of white semitranslucent massive quartz hosting blebby pyrite.	
VT	196.05	197.21	85.00		4.00	PY	15.00	4mm veinlet of white translucent quartz with dark green chlorite borders, hosting blebby pyrite.	
VT	200.69	200.70	90.00					White banded-crustiform chalcedony veinlet.	
VT	204.52	204.89	80.00			PY	1.00	Milky weakly banded and clay altered quartz veinlet with trace disseminated pyrite.	
DY	204.57	205.13	90.00		3.00			Pink fine-grained aplite dykes, 2-3cm thick.	
FT	217.88	220.75	30.00					Thick fault zone in phyllic granodiorite with patches of gouge. Crosscut by quartz veinlets.	
VT	217.88	220.75	60.00		11.00	PY	2.00	White-grey quartz veinlets hosting weakly disseminated pyrite, crosscutting a fault zone.	
VN	218.71	218.77	80.00			PY	2.00	Grey-green massive-crackled quartz vein hosting weakly disseminated pyrite, crosscut by cracks with calcite infill.	
GO	219.42	220.51	30.00			PY	3.00	Moderate gouged phyllic granodiorite hosting clayey remnants of grey-white quartz veins with disseminated-blebby pyrite.	
VN	221.66	222.58	25.00		3.00	PY	15.00	Three dark grey clay gouged quartz veins hosting significant disseminated pyrite.	
GO	221.66	223.01	30.00			PY	1.00	Moderate-strong gouged phyllic granodiorite with three crosscutting mineralized quartz veins (see previous entry). Hosts disseminated pyrite.	
VN	223.63	223.72	30.00			PY	15.00	Thick white-grey massive opaque quartz vein hosting disseminated-massive pyrite in its phyllic envelope.	
VT	228.52	228.53	70.00			PY	6.00	Grey-white banded opaque quartz veinlet hosting disseminated-blebby pyrite on band contacts.	
VT	230.68	230.76	40.00		2.00	PY	1.00	Two 1cm thick grey massive quartz veins hosting trace disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	231.45	231.46	90.00					White weakly banded semitranslucent quartz veinlet hosting fine-grained disseminated pyrite on band contacts.	
VT	232.34	232.35	70.00					White crustiform quartz veinlet.	
VT	234.38	234.39	20.00					White clay altered quartz carbonate veinlet.	
VT	235.48	235.49	80.00			PY	2.00	White-grey banded quartz veinlet with disseminated pyrite.	
FT	236.39	236.54	80.00			HE	15.00	Moderately developed fault zone with red hematite-stained slickensides.	
VT	237.14	239.06	60.00		3.00			Three 0.5cm thick white weakly crustiform quartz veinlets.	
FT	240.61	242.93	60.00					Thick rubbly fault zone.	
								EOH	

KLAZA

Hole: KL-DDH12-105 **Date: August 11, 2011**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
41.21	9.3	5.2	509.6	320.9	GRD	XL					2.580179	2.700583	Unaltered granodiorite.
45.61	9.8	5.2	509.5	311.6	GRD	XL	ARG	4I			2.448057	2.574533	Strong argillic granodiorite.
54.57	10	5.2	537.4	337.8	GRD	XL	PHC	3I			2.530469	2.692385	Moderate phyllic granodiorite.
Calibration			2001.7										Calibration test with 2.0kg mass.
107.79	10.1	5.2	553.2	348	GRD	XL	PHC	4I	PY	2	2.579077	2.695906	Strong phyllic granodiorite crosscut by chalcedony veinlets.
125.02	9.7	5.2	557.3	357.2	MAF	XL					2.705333	2.785107	Black mafic dyke.
133.55	9.9	5.2	541.8	340.3	GRD	XL	PRO	3I			2.576957	2.688834	Moderate propyllitic with weak potassic alteration.
							POT	1I					
184.2	10	5.2	528.6	326.7	FEL	PO					2.489033	2.618128	Quartz feldspar porphyry dyke.
189.68	16.04	5.2	991.3	674.8	VEN	XL			PY	20	2.910075	3.13207	Section of early dyke selvedge.
195.67	10	5.2	561.9	360.1	GRD	XL	ARG	2I	PY	5	2.645833	2.78444	Argillic granodiorite crosscut by white quartz veinlet with pyrite.
Calibration			2001.7										Test with 2.0kg mass.
													EOH (too rubbly to take samples of new lithologies)

KLAZA

Hole: KL-DDH12-105 **Date: August 11, 2011**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
6.70	8.08	1.38	1.38	100	N814403	1				
8.08	9.42	1.34	1.26	94	N814404	1				
9.42	11.60	2.18	1.95	89.4	N814405	1				
					N814406	1				BLANK
11.60	13.72	2.12	2.07	97.6	N814407	1				
13.72	14.72	1.00	0.98	98	N814408	1				
14.72	16.14	1.42	1.35	95.1	N814409	1				
16.14	17.69	1.55	1.51	97.4	N814410	1				
17.69	20.12	2.43	1.86	76.5	N814411	1				
20.12	22.10	1.98	1.59	80.3	N814412	1				
22.10	23.47	1.37	1.36	99.3	N814413	1				
23.47	25.34	1.87	1.38	73.8	N814414	1				
					N814415	1				KLAZA STD-3
25.34	27.50	2.16	2.11	97.7	N814416	1				
27.50	28.50	1.00	0.98	98	N814417	1				Box 6 (skipped box 7)
40.76	41.76	1.00	0.99	99	N814418	1				Box 8
41.76	44.76	3.00	2.98	99.3	N814419	1				
44.76	45.95	1.19	1.17	98.3	N814420	1				
					N814421	1				QUARTER DUPLICATE
45.95	47.33	1.38	1.38	100	N814422	1				
47.33	49.80	2.47	2.37	96	N814423	1				
49.80	51.04	1.24	1.18	95.2	N814424	1				
					N814425	1				KLAZA STD-3
51.04	53.00	1.96	1.72	87.8	N814426	1				
53.00	54.02	1.02	1.01	99	N814427	1				
54.02	55.02	1.00	1.00	100	N814428	1				
					N814429	1				BLANK
55.02	57.17	2.15	2.14	99.5	N814430	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
57.17	58.27	1.10	0.96	87.3	N814431	1				
58.27	60.66	2.39	2.39	100	N814432	1				
60.66	61.80	1.14	1.01	88.6	N814433	1				
61.80	62.94	1.14	1.13	99.1	N814434	1				
					N814435	1				COARSE REJECT DUPLICATE
62.94	64.89	1.95	1.92	98.5	N814436	1				
64.89	66.78	1.89	1.89	100	N814437	1				
66.78	68.76	1.98	1.92	97	N814438	1				
68.76	70.76	2.00	1.97	98.5	N814439	2				
70.76	72.24	1.48	1.47	99.3	N814440	2				
					N814441	2				QUARTER DUPLICATE
72.24	75.29	3.05	2.84	93.1	N814442	2				
75.29	78.33	3.04	3.04	100	N814443	2				
					N814444	2				KLAZA STD-3
78.33	79.66	1.33	1.33	100	N814445	2				
79.66	81.61	1.95	1.95	100	N814446	2				
81.61	84.58	2.97	2.97	100	N814447	2				
84.58	85.62	1.04	1.00	96.2	N814448	2				
85.62	87.48	1.86	1.62	87.1	N814449	2				
					N814450	2				COARSE REJECT DUPLICATE
87.48	88.57	1.09	1.09	100	N814451	2				
88.57	90.53	1.96	1.74	88.8	N814452	2				
90.53	93.57	3.04	2.94	96.7	N814453	2				
93.57	94.57	1.00	1.00	100	N814454	2				
94.57	95.61	1.04	1.01	97.1	N814455	2				
					N814456	2				BLANK
95.61	98.61	3.00	3.00	100	N814457	2				
98.61	99.81	1.20	1.04	86.7	N814458	2				
99.81	101.81	2.00	1.97	98.5	N814459	2				
101.81	103.48	1.67	1.64	98.2	N814460	2				
103.48	104.48	1.00	1.00	100	N814461	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
104.48	105.53	1.05	1.02	97.1	N814462	2				
105.53	106.81	1.28	1.25	97.7	N814463	2				
106.81	107.81	1.00	1.00	100	N814464	2				
107.81	109.33	1.52	1.52	100	N814465	2				
					N814466	2				BLANK
109.33	111.21	1.88	1.88	100	N814467	2				
111.21	112.21	1.00	0.98	98	N814468	2				
					N814469	2				KLAZA STD-2
112.21	114.00	1.79	1.67	93.3	N814470	2				
114.00	115.45	1.45	1.42	97.9	N814471	2				
115.45	116.45	1.00	1.00	100	N814472	2				
116.45	117.45	1.00	1.00	100	N814473	2				
117.45	119.63	2.18	2.15	98.6	N814474	2				
119.63	121.00	1.37	1.37	100	N814475	3				
121.00	122.80	1.80	1.80	100	N814476	3				
122.80	124.07	1.27	1.15	90.6	N814477	3				
124.07	125.63	1.56	1.56	100	N814478	3				
125.63	126.70	1.07	1.07	100	N814479	3				
					N814480	3				QUARTER DUPLICATE
126.70	128.32	1.62	1.59	98.1	N814481	3				
128.32	130.37	2.05	1.75	85.4	N814482	3				
130.37	131.86	1.49	1.49	100	N814483	3				
131.86	133.20	1.34	1.25	93.3	N814484	3				
					N814485	3				KLAZA STD-3
133.20	136.25	3.05	3.04	99.7	N814486	3				
136.25	138.29	2.04	1.66	81.4	N814487	3				
138.29	139.29	1.00	0.93	93	N814488	3				
139.29	140.97	1.68	1.68	100	N814489	3				
140.97	142.34	1.37	1.37	100	N814490	3				
					N814491	3				QUARTER DUPLICATE
142.34	145.39	3.05	3.05	100	N814492	3				
145.39	146.54	1.15	1.14	99.1	N814493	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
146.54	147.54	1.00	1.00	100	N814494	3				
147.54	149.16	1.62	1.55	95.7	N814495	3				
149.16	150.53	1.37	1.24	90.5	N814496	3				
					N814497	3				KLAZA STD-3
150.53	153.39	2.86	2.78	97.2	N814498	3				
153.39	154.39	1.00	0.93	93	N814499	3				
154.39	155.88	1.49	1.49	100	N814500	3				
155.88	157.40	1.52	1.40	92.1	N814501	3				
					N814502	3				BLANK
157.40	160.40	3.00	3.00	100	N814503	3				
160.40	161.68	1.28	1.26	98.4	N814504	3				
161.68	163.23	1.55	1.30	83.9	N814505	3				
163.23	164.53	1.30	0.97	74.6	N814506	3				low recovery
					N814507	3				BLANK
164.53	165.58	1.05	1.03	98.1	N814508	3				
165.58	166.73	1.15	1.15	100	N814509	3				
166.73	168.73	2.00	1.60	80	N814510	3				
168.73	169.84	1.11	1.00	90.1	N814511	4				
169.84	170.84	1.00	0.95	95	N814512	4				
170.84	171.84	1.00	1.00	100	N814513	4				
171.84	173.77	1.93	1.93	100	N814514	4				
173.77	174.77	1.00	1.00	100	N814515	4				
					N814516	4				KLAZA STD-1
174.77	176.47	1.70	1.61	94.7	N814517	4				
176.47	177.47	1.00	1.00	100	N814518	4				
177.47	179.84	2.37	2.37	100	N814519	4				
179.84	180.95	1.11	1.04	93.7	N814520	4				
180.95	182.55	1.60	1.53	95.6	N814521	4				
182.55	183.85	1.30	1.30	100	N814522	4				
183.85	185.01	1.16	1.11	95.7	N814523	4				
					N814524	4				QUARTER DUPLICATE
185.01	188.06	3.05	2.91	95.4	N814525	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
188.06	189.46	1.40	1.39	99.3	N814526	4				
189.46	191.11	1.65	1.52	92.1	N814527	4				
					N814528	4				BLANK
191.11	192.79	1.68	1.63	97	N814529	4				
192.79	193.81	1.02	1.02	100	N814530	4				
					N814531	4				BLANK
193.81	195.61	1.80	1.78	98.9	N814532	4				
195.61	196.67	1.06	1.00	94.3	N814533	4				
196.67	197.83	1.16	1.15	99.1	N814534	4				
197.83	199.32	1.49	1.45	97.3	N814535	4				
					N814536	4				KLAZA STD-3
199.32	200.72	1.40	1.36	97.1	N814537	4				
200.72	202.91	2.19	2.19	100	N814538	4				
202.91	204.44	1.53	1.53	100	N814539	4				
					N814540	4				COARSE REJECT DUPLICATE
204.44	206.58	2.14	1.98	92.5	N814541	4				
206.58	209.40	2.82	2.80	99.3	N814542	4				
209.40	212.30	2.90	2.90	100	N814543	4				
212.30	213.42	1.12	1.10	98.2	N814544	4				
213.42	215.49	2.07	2.02	97.6	N814545	4				
215.49	217.88	2.39	2.37	99.2	N814546	4				
217.88	219.27	1.39	1.39	100	N814547	5				
219.27	221.59	2.32	2.17	93.5	N814548	5				
221.59	223.93	2.34	2.16	92.3	N814549	5				
					N814550	5				BLANK
223.93	225.63	1.70	1.70	100	N814551	5				
225.63	227.28	1.65	1.65	100	N814552	5				
227.28	228.89	1.61	1.56	96.9	N814553	5				
228.89	231.65	2.76	2.61	94.6	N814554	5				
231.65	233.78	2.13	2.07	97.2	N814555	5				
					N814556	5				COARSE REJECT DUPLICATE
233.78	236.83	3.05	2.85	93.4	N814557	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
236.83	239.88	3.05	3.05	100	N814558	5				
239.88	242.93	3.05	2.30	75.4	N814559	5				
										EOH

KLAZA

Hole: KL-DDH12-105 **Tech Name: Tory Prentice** **Date: August 11, 2011**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	2.13	2.13	2.13	100	0.00	0		1	0S	5W	
2.13	3.35	1.22	1.06	87	0.00	0		1	0S	4W	
3.35	4.57	1.22	0.69	57	0.00	0		2	1S	4W	
4.57	5.18	0.61	0.14	23	0.00	0		2	3S	3W	
5.18	8.23	3.05	2.97	97	0.96	31		2	1S	3W	
8.23	10.67	2.44	2.28	93	0.70	29		1	0S	4W	
10.67	12.80	2.13	2.13	100	0.87	41		2	2S	3W	
12.80	14.33	1.53	1.39	91	0.56	37		2	1S	3W	
14.33	15.85	1.52	1.52	100	1.38	91		2	2S	3W	
15.85	17.37	1.52	1.50	99	0.58	38		1	0S	3W	
17.37	20.12	2.75	2.29	83	0.30	11		2	0S	3W	
20.12	22.10	1.98	1.84	93	0.43	22		2	3S	3W	
22.10	23.47	1.37	1.37	100	0.12	9		2	0S	3W	
23.47	24.99	1.52	1.12	74	0.00	0		1	0S	4W	
24.99	26.52	1.53	1.53	100	0.72	47		2	1S	3W	
26.52	29.57	3.05	3.01	99	1.30	43		2	1S	3W	
29.57	32.61	3.04	3.04	100	1.91	63		2	4S	3W	
32.61	35.67	3.06	3.06	100	0.67	22		2	3S	3W	
35.67	38.10	2.43	2.43	100	1.66	68		2	3S	3W	
38.10	41.15	3.05	3.05	100	2.40	79		2	3S	3W	
41.15	41.76	0.61	0.58	95	0.42	69		2	3S	3W	
41.76	44.20	2.44	2.44	100	1.78	73		2	3S	3W	
44.20	47.24	3.04	3.04	100	1.86	61		2	3S	2W	
47.24	47.85	0.61	0.50	82	0.37	61		2	4S	2W	
47.85	50.29	2.44	2.44	100	0.96	39		2	4S	2W	
50.29	50.90	0.61	0.61	100	0.20	33		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
50.90	53.49	2.59	2.43	94	1.78	69		2	3S	1W	
53.49	56.39	2.90	2.90	100	1.93	67		2	1S	2W	
56.39	59.44	3.05	2.96	97	2.28	75		2	3S	2W	
59.44	60.05	0.61	0.61	100	0.60	98		2	4S	1W	
60.05	63.09	3.04	2.92	96	2.16	71		2	4S	1W	
63.09	66.14	3.05	3.05	100	1.97	65		2	3S	1W	
66.14	69.19	3.05	3.05	100	1.50	49		2	3S	2W	
69.19	72.24	3.05	3.05	100	2.32	76		2	4S	1W	
72.24	75.29	3.05	2.88	94	2.48	81		2	3S	1W	
75.29	78.33	3.04	3.05	100	2.40	79		2	3S	1W	
78.33	81.38	3.05	3.05	100	2.16	71		2	3S	1W	
81.38	84.43	3.05	3.05	100	2.42	79		2	4S	1W	
84.43	87.48	3.05	2.88	94	0.91	30		2	3S	1W	
87.48	90.53	3.05	3.00	98	0.39	13		2	3S	2W	
90.53	93.57	3.04	2.94	97	1.80	59		2	4S	2W	
93.57	96.62	3.05	3.01	99	1.39	46		2	3S	2W	
96.62	99.67	3.05	2.98	98	1.62	53		2	3S	2W	
99.67	102.72	3.05	3.05	100	1.57	51		2	3S	2W	
102.72	105.77	3.05	3.05	100	1.22	40		2	3S	3W	
105.77	108.81	3.04	3.05	100	2.31	76		2	4S	2W	
108.81	111.86	3.05	3.05	100	2.41	79		2	4S	2W	
111.86	114.91	3.05	3.05	100	1.43	47		2	3S	2W	
114.91	117.96	3.05	3.05	100	2.17	71		2	4S	2W	
117.96	121.01	3.05	3.05	100	2.39	78		2	4S	2W	
121.01	124.05	3.04	2.78	91	1.55	51		2	1S	2W	
124.05	127.10	3.05	3.05	100	1.29	42		2	2S	2W	
127.10	130.15	3.05	3.05	100	0.97	32		2	3S	3W	
130.15	133.20	3.05	3.01	99	1.16	38		2	3S	1W	
133.20	136.25	3.05	3.05	100	2.73	90		2	5S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
136.25	138.28	2.03	1.97	97	0.75	37		2	4S	2W	
138.28	139.29	1.01	0.87	86	0.59	58		2	4S	2W	
139.29	140.97	1.68	1.76	105	1.22	73		2	4S	2W	
140.97	142.34	1.37	1.51	110	1.18	86		2	4S	1W	
142.34	145.39	3.05	3.05	100	1.76	58		2	4S	1W	
145.39	148.44	3.05	3.05	100	2.17	71		2	4S	2W	
148.44	150.88	2.44	2.37	97	0.90	37		2	3S	2W	
150.88	151.49	0.61	0.47	77	0.31	51		2	4S	2W	
151.49	153.92	2.43	1.89	78	0.72	30		2	4S	2W	
153.92	154.53	0.61	0.82	134	0.00	0		2	1S	1W	
154.53	157.58	3.05	2.94	96	1.54	50		2	5S	1W	
157.58	159.72	2.14	2.14	100	1.03	48		2	4S	1W	
159.72	160.63	0.91	0.87	96	0.59	65		2	4S	1W	
160.63	162.76	2.13	1.85	87	0.92	43		2	4S	1W	
162.76	163.68	0.92	1.00	109	0.25	27		2	4S	1W	
163.68	164.90	1.22	1.10	90	0.15	12		2	5S	1W	
164.90	166.73	1.83	1.83	100	0.64	35		2	2S	1W	
166.73	168.55	1.82	1.82	100	0.22	12		2	1S	1W	
168.55	171.60	3.05	2.96	97	1.04	34		2	3S	1W	
171.60	172.82	1.22	1.21	99	0.78	64		2	3S	1W	
172.82	175.87	3.05	2.96	97	1.75	57		2	3S	1W	
175.87	178.92	3.05	3.05	100	1.58	52		2	3S	1W	
178.92	181.97	3.05	2.90	95	1.57	51		2	3S	1W	
181.97	185.01	3.04	2.96	97	1.43	47		2	3S	1W	
185.01	188.06	3.05	3.00	98	0.83	27		2	3S	1W	
188.06	191.11	3.05	2.84	93	1.33	44		2	1S	1W	
191.11	194.16	3.05	3.05	100	1.58	52		2	1S	1W	
194.16	197.21	3.05	3.00	98	1.41	46		2	4S	1W	
197.21	200.25	3.04	2.96	97	1.83	60		2	5S	1W	
200.25	203.30	3.05	3.00	98	2.04	67		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
203.30	206.35	3.05	2.91	95	1.95	64		2	3S	1W	
206.35	209.40	3.05	2.96	97	1.75	57		2	4S	1W	
209.40	212.45	3.05	2.97	97	1.96	64		2	3S	1W	
212.45	215.49	3.04	2.94	97	1.44	47		2	3S	1W	
215.49	218.54	3.05	2.99	98	1.26	41		2	3S	1W	
218.54	221.59	3.05	2.81	92	0.84	28		1	2S	3W	
221.59	224.64	3.05	2.90	95	0.75	25		1	0S	3W	
224.64	227.69	3.05	3.04	100	2.35	77		2	2S	2W	
227.69	230.73	3.04	2.93	96	2.14	70		2	4S	2W	
230.73	233.78	3.05	2.95	97	2.25	74		2	3S	2W	
233.78	236.83	3.05	2.87	94	1.71	56		1	1S	3W	
236.83	239.88	3.05	3.01	99	2.02	66		2	2S	2W	
239.88	241.93	2.05	1.27	62	0.41	20		1	2S	2W	
241.93	242.93	1.00	1.11	111	0.00	0		1	2S	3W	EOH @ 242.93m

KLAZA

Hole: KL-DDH12-105 **Tech Name:** Tory Prentice **Date:** Au **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	2.13		-	-	-	-	-	-	Rubbly
2.13	3.35		-	-	-	-	-	-	Rubbly
3.35	4.57		-	-	-	-	-	-	Rubbly
4.57	5.18		-	-	-	-	-	-	Rubbly
5.18	8.23		60.00	0.30	4.00	2.00	3R	3W	
8.23	10.67		75.00	0.10	10.00	2.00	3R	4W	
10.67	12.80		50.00	0.20	6.00	2.00	3R	3W	
12.80	14.33		40.00	0.40	2.00	2.00	3R	3W	
14.33	15.85		-	-	-	-	-	-	
15.85	17.37		-	-	-	-	-	-	
17.37	20.12		30.00	0.02	2.00	2.00	3R	3W	
20.12	22.10		-	-	-	-	-	-	
22.10	23.47		-	-	-	-	-	-	Very broken
23.47	24.99		-	-	-	-	-	-	Rubbly
24.99	26.52		25.00	0.15	3.00	2.00	3R	3W	
26.52	29.57		20.00	0.10	2.00	2.00	3R	3W	
29.57	32.61		20.00	0.60	3.00	2.00	3R	3W	
32.61	35.67		50.00	0.40	2.00	2.00	3R	3W	
35.67	38.10		40.00	0.70	2.00	2.00	3R	3W	
38.10	41.15		40.00	1.30	1.00	2.00	3R	3W	
41.15	41.76		-	-	-	-	-	-	
41.76	44.20		50.00	0.75	2.00	1.00	3R	3W	
44.20	47.24		25.00	0.15	2.00	2.00	3R	2W	
47.24	47.85		70.00	0.20	0.00	2.00	3R	2W	
47.85	50.29		20.00	0.05	1.00	2.00	3R	2W	
50.29	50.90		-	-	-	-	-	-	
50.90	53.49		5.00	0.15	0.00	2.00	3R	1W	

KLAZA

53.49	56.39		70.00	0.07	2.00	2.00	3R	2W	
56.39	59.44		60.00	0.25	3.00	2.00	3R	2W	
59.44	60.05		-	-	-	-	-	-	
60.05	63.09		70.00	0.20	1.00	2.00	3R	1W	
63.09	66.14		30.00	0.30	3.00	2.00	3R	1W	
66.14	69.19		50.00	0.15	4.00	2.00	3R	2W	
69.19	72.24		50.00	0.15	1.00	2.00	3R	1W	
72.24	75.29		60.00	0.05	3.00	2.00	3R	1W	
75.29	78.33		-	-	-	-	-	-	Very competent
78.33	81.38		-	-	-	-	-	-	
81.38	84.43		-	-	-	-	-	-	
84.43	87.48		65.00	0.10	1.00	2.00	3R	1W	
87.48	90.53		50.00	1.00	2.00	2.00	3R	3W	
90.53	93.57		-	-	-	-	-	-	
93.57	96.62		65.00	0.30	5.00	2.00	3R	3W	
96.62	99.67		70.00	0.35	2.00	1.00	3R	2W	
99.67	102.72		60.00	0.40	0.00	2.00	3R	1W	Additional joint sets: 50,0.10,3,2,3R,2W
102.72	105.77		60.00	0.30	1.00	2.00	3R	2W	
105.77	108.81		-	-	-	-	-	-	
108.81	111.86		40.00	1.40	0.00	1.00	3R	1W	
111.86	114.91		50.00	0.40	0.00	1.00	3R	1W	
114.91	117.96		70.00	0.20	10.00	2.00	3R	2W	
117.96	121.01		20.00	1.50	1.00	1.00	3R	1W	
121.01	124.05		30.00	0.70	0.00	1.00	3R	1W	
124.05	127.10		50.00	0.40	5.00	2.00	3R	2W	
127.10	130.15		-	-	-	-	-	-	
130.15	133.20		30.00	0.20	0.00	1.00	3R	1W	
133.20	136.25		30.00	0.30	0.00	2.00	3R	1W	
136.25	138.28		50.00	0.60	2.00	2.00	3R	1W	
138.28	139.29		50.00	0.65	4.00	2.00	3R	3W	
139.29	140.97		45.00	0.12	5.00	2.00	3R	3W	
140.97	142.34		70.00	0.20	1.00	2.00	3R	2W	
142.34	145.39		65.00	0.70	1.00	2.00	3R	1W	
145.39	148.44		50.00	0.75	0.00	2.00	3R	3W	
148.44	150.88		40.00	0.27	4.00	2.00	3R	3W	
150.88	151.49		-	-	-	-	-	-	
151.49	153.92		40.00	0.05	3.00	2.00	3R	2W	

KLAZA

153.92	154.53		-	-	-	-	-	-	
154.53	157.58		40.00	0.07	0.00	1.00	2R	1W	
157.58	159.72		60.00	0.15	0.00	1.00	2R	1W	
159.72	160.63		55.00	0.14	0.00	1.00	2R	1W	
160.63	162.76		50.00	0.76	0.00	1.00	2R	1W	
162.76	163.68					-	-	-	
163.68	164.90					-	-	-	
164.90	166.73		80.00	0.07	0.00	1.00	2R	1W	
166.73	168.55					-	-	-	
168.55	171.60		58.00	0.16	0.00	1.00	2R	1W	
171.60	172.82		65.00	0.15	0.00	1.00	3R	1W	
172.82	175.87		65.00	0.19	0.00	1.00	3R	1W	
175.87	178.92		62.00	0.12	0.00	1.00	2R	1W	
178.92	181.97		80.00	0.11	0.00	1.00	2R	1W	
181.97	185.01		45.00	0.10	0.00	2.00	3R	1W	Additional joint set - 60, 0.14, 0, 1, 2R, 1W
185.01	188.06		55.00	0.14	0.00	1.00	2R	1W	
188.06	191.11		70.00	0.30	0.00	1.00	2R	1W	
191.11	194.16		50.00	0.05	0.00	1.00	3R	1W	
194.16	197.21		70.00	1.15	0.00	1.00	2R	1W	
197.21	200.25		40.00	0.11	0.00	2.00	3R	1W	
200.25	203.30		60.00	0.04	0.00	1.00	3R	1W	
203.30	206.35		-	-	-	-	-	-	
206.35	209.40		70.00	0.15	0.00	1.00	2R	1W	
209.40	212.45		50.00	0.46	0.00	1.00	2R	1W	
212.45	215.49		-	-	-	-	-	-	
215.49	218.54		35.00	0.30	1.00	2.00	2R	2W	
218.54	221.59		40.00	0.42	2.00	2.00	3R	3W	
221.59	224.64		20.00	0.12	2.00	2.00	2R	3W	
224.64	227.69		50.00	0.19	0.00	2.00	2R	2W	
227.69	230.73		55.00	0.21	0.00	2.00	3R	1W	
230.73	233.78		30.00	0.10	2.00	2.00	3R	2W	
233.78	236.83		-	-	-	-	-	-	
236.83	239.88		-	-	-	-	-	-	
239.88	241.40		-	-	-	-	-	-	
241.40	242.93		-	-	-	-	-	-	
									EOH

KLAZA

Hole: KL-DDH12-105 Date: August 11, 2011

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	OVB
2.00	n/a	OVB
3.00	n/a	OVB
4.00	n/a	OVB
5.00	n/a	OVB
6.00	15.50	
7.00	14.50	
8.00	13.70	
9.00	0.38	
10.00	3.22	
11.00	0.45	
12.00	10.80	
13.00	8.36	
14.00	0.21	
15.00	0.31	
16.00	0.16	
17.00	0.16	
18.00	6.40	
19.00	12.70	
20.00	2.01	
21.00	0.49	
22.00	4.36	
23.00	0.56	
24.00	0.25	
25.00	0.27	
26.00	15.10	
27.00	16.10	
28.00	0.95	
29.00	1.11	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	18.00	
31.00	7.19	
32.00	15.30	
33.00	15.60	
34.00	17.30	
35.00	7.92	
36.00	19.70	
37.00	11.10	
38.00	12.00	
39.00	17.40	
40.00	15.50	
41.00	16.20	
42.00	14.80	
43.00	17.60	
44.00	20.50	
45.00	15.60	
46.00	0.36	
47.00	0.40	
48.00	7.06	
49.00	10.60	
50.00	0.36	
51.00	0.53	
52.00	12.60	
53.00	0.96	
54.00	6.77	
55.00	17.40	
56.00	17.40	
57.00	16.00	
58.00	13.00	
59.00	16.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	16.50	
61.00	1.95	
62.00	10.80	
63.00	15.30	
64.00	7.35	
65.00	17.30	
66.00	14.80	
67.00	0.27	
68.00	0.51	
69.00	14.50	
70.00	12.50	
71.00	16.40	
72.00	11.70	
73.00	13.80	
74.00	15.30	
75.00	13.40	
76.00	5.85	
77.00	18.50	
78.00	17.20	
79.00	13.70	
80.00	17.20	
81.00	16.60	
82.00	16.50	
83.00	18.80	
84.00	9.25	
85.00	0.29	
86.00	10.30	
87.00	10.50	
88.00	0.56	
89.00	12.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	16.20	
91.00	17.20	
92.00	1.20	
93.00	15.60	
94.00	9.71	
95.00	0.58	
96.00	10.50	
97.00	12.40	
98.00	16.70	
99.00	0.62	
100.00	14.40	
101.00	21.60	
102.00	17.40	
103.00	11.60	
104.00	7.83	
105.00	1.06	
106.00	1.33	
107.00	7.77	
108.00	0.25	
109.00	0.25	
110.00	1.20	
111.00	6.22	
112.00	0.36	
113.00	11.80	
114.00	9.53	
115.00	1.70	
116.00	0.25	
117.00	11.20	
118.00	10.40	
119.00	16.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	15.20	
121.00	16.30	
122.00	11.80	
123.00	11.50	
124.00	1.02	
125.00	24.30	
126.00	13.30	
127.00	4.20	
128.00	22.00	
129.00	0.64	
130.00	0.82	
131.00	0.89	
132.00	21.20	
133.00	3.27	
134.00	20.90	
135.00	19.60	
136.00	22.90	
137.00	20.50	
138.00	21.60	
139.00	0.49	
140.00	4.66	
141.00	18.00	
142.00	24.70	
143.00	18.60	
144.00	20.60	
145.00	22.60	
146.00	22.80	
147.00	22.20	
148.00	23.60	
149.00	1.17	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	16.90	
151.00	19.10	
152.00	16.60	
153.00	15.40	
154.00	2.78	
155.00	8.76	
156.00	1.81	
157.00	1.95	
158.00	12.70	
159.00	16.30	
160.00	7.68	
161.00	9.00	
162.00	25.20	
163.00	5.17	
164.00	2.58	
165.00	2.48	
166.00	18.10	
167.00	5.65	
168.00	4.24	
169.00	3.60	
170.00	4.11	
171.00	4.81	
172.00	4.79	
173.00	4.70	
174.00	4.52	
175.00	2.98	
176.00	6.62	
177.00	5.38	
178.00	2.90	
179.00	0.47	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.79	
181.00	4.48	
182.00	4.88	
183.00	1.35	
184.00	3.67	
185.00	3.31	
186.00	5.36	
187.00	3.60	
188.00	0.45	
189.00	0.18	
190.00	1.04	
191.00	1.73	
192.00	4.88	
193.00	4.09	
194.00	3.53	
195.00	17.30	
196.00	9.58	
197.00	17.00	
198.00	17.60	
199.00	18.70	
200.00	9.33	
201.00	22.00	
202.00	17.80	
203.00	19.50	
204.00	20.00	
205.00	6.25	
206.00	18.00	
207.00	19.50	
208.00	20.20	
209.00	8.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	17.70	
211.00	25.90	
212.00	22.10	
213.00	17.10	
214.00	15.90	
215.00	4.09	
216.00	0.54	
217.00	0.32	
218.00	0.40	
219.00	0.31	
220.00	0.45	
221.00	0.36	
222.00	0.34	
223.00	0.14	
224.00	0.54	
225.00	11.50	
226.00	15.70	
227.00	2.61	
228.00	14.30	
229.00	18.10	
230.00	19.20	
231.00	1.13	
232.00	6.03	
233.00	16.50	
234.00	19.70	
235.00	23.50	
236.00	23.00	
237.00	10.80	
238.00	12.40	
239.00	4.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	22.70	
241.00	9.20	
242.00	1.28	EOH @ 242.93m

KLAZA

Hole: KL-DDH12-105 **Date:** August 11, 2011

Box #	From (m)	To (m)
1	0.00	4.57
2	4.57	10.50
3	10.50	16.14
4	16.14	22.67
5	22.67	27.00
6	27.00	32.61
7	32.61	37.98
8	37.98	43.50
9	43.50	49.30
10	49.30	54.95
11	54.95	61.00
12	61.00	66.91
13	66.91	72.83
14	72.83	78.92
15	78.92	84.58
16	84.58	90.47
17	90.47	96.35
18	96.35	102.24
19	102.24	108.07
20	108.07	114.00
21	114.00	119.63
22	119.63	125.41
23	125.41	130.96
24	130.96	136.69
25	136.69	142.16
26	142.16	147.80
27	147.80	153.39
28	153.39	158.93
29	158.93	164.28

KLAZA

30	164.28	169.50
31	169.50	175.05
32	175.05	180.74
33	180.74	186.54
34	186.54	192.31
35	192.31	198.15
36	198.15	203.97
37	203.97	209.93
38	209.93	215.75
39	215.75	221.24
40	221.24	226.50
41	226.50	231.90
42	231.90	236.83
43	236.83	241.86
44	241.86	242.93
		EOH @ 242.93

KLAZA

Hole: DDH-KL-12-106 Date: Aug 2012

Box #	From (m)	To (m)
1	0.00	6.10
2	6.10	14.42
3	14.42	18.33
4	18.33	23.88
5	23.88	28.64
6	28.64	33.56
7	33.56	39.17
8	39.17	44.50
9	44.50	49.85
10	49.85	55.36
11	55.36	60.66
12	60.66	66.25
13	66.25	72.04
14	72.04	77.20
15	77.20	82.66
16	82.66	88.42
17	88.42	93.95
18	93.95	99.67
19	99.67	105.31
20	105.31	111.12
21	111.12	116.75
22	116.75	122.46
23	122.46	128.09
24	128.09	133.92
25	133.92	139.75
26	139.75	145.54
27	145.54	151.22
28	151.22	156.86
29	156.86	162.66

KLAZA

30	162.66	168.47
31	168.47	173.78
32	173.78	179.51
33	179.51	185.01
34	185.01	191.06
35	191.06	195.59
36	195.59	200.87
37	200.87	206.35
38	206.35	211.91
39	211.91	217.35
40	217.35	222.86
41	222.86	228.60
42	228.60	234.49
43	234.49	240.17
44	240.17	245.97
45	245.97	251.74
46	251.74	257.56
47	257.56	263.28
48	263.28	269.36
49	269.36	274.39
50	274.39	280.19
51	280.19	286.60
52	286.60	288.65
		EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382358.63	6890826.6	1310.725	258.47

ZONE: Klaza

SECTION:

HOLE: DDH-KL-12-107

CLAIM: YD09216

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 12-15th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	62.91	62.91	GRD	Unaltered granodiorite with pervasive oxide staining, with patchy potassice and propyllitic alteration. Crosscutting quartz veinlets have phyllic-argillic envelopes.
62.91	68.27	5.36	GRD	Phyllic altered granodiorite with patchy argillic alteration.
68.27	80.07	11.80	GRD	Unaltered granodiorite with phyllic-argillic vein envelopes on crosscutting quartz veins.
80.07	91.21	11.14	GRD	Patchy phyllic-argillic granodiorite with many crosscutting quartz veins.
91.21	92.14	0.93	FEL	Tan-red quartz feldspar porphyry dyke.
92.14	230.52	138.38	GRD	Thick moderate-weak propyllitic granodiorite with weak potassic, giving mottled pink-green colouration. Many patches of phyllic and argillic alteration on crosscutting veins.
230.52	241.13	10.61	FEL	Maroon quartz feldspar porphyry dyke with crosscutting calcite veinlets.
241.13	258.47	17.34	GRD	Weak-moderate propyllitic with patchy argillic alteration, crosscut by occasional quartz veinlets.

SAMPLES

Numbers: N814560 - N814717

Total: 158

Batch: 107-1 to 107-5

Date Sent:

Certificate:

COMMENTS

EOH @ 258.47m, Platinum's first contracted hole on the Klaza Property.

KLAZA

Hole: DDH-KL-12-107 **Logger Name:** Teresa Cruz **Date: August 14, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	62.91	62.91				mKgW	GRD	MG	MD	GY	XL	3I	2I	ARG	2I						top of hole consists of unaltered granodiorite with pervasive oxidation to 53.5m depth, and fracture limited staining continues. Patchy weak potassic alteration and very weak propyllitic alterations are found, as well as phyllic grading into argillic in vein envelopes. Granodiorite is crosscut by quartz-carbonate veinlets. Oxidation is strongest on argillic alteration.
										BN	PA			PHC	1I						
														PRO	1I						
														POT	2I						
			36.25	41.08	4.83	mKgW	GRD	MG	MD	OR	XL	3I		ARG	3I			HE	5.00		Argillic granodiorite, heavily-moderately orange oxide stained, and red-stained by hematite at the end of the interval.
										RD				HEM	2I						
			44.81	45.77	0.96	mKgW	GRD	MG	MD	OR	XL	3I		ARG	3I						Moderate orange oxide-stained argillic granodiorite.
											RB										
			47.00	47.85	0.85	mKgW	GRD	MG	MD	OR	XL	2I		PHC	2I						Argillic granodiorite crosscut by quartz veinlets with phyllic envelopes and heavy oxide staining.
										GN	PA			ARG	3I						
			53.05	57.65	4.60	mKgW	GRD	MG	MD	PK	XL	2I		ARG	3I						Argillic granodiorite crosscut by quartz veinlets with phyllic envelopes and heavy oxide staining.
										GN				PHC	2I						
62.91	68.27	5.36				mKgW	GRD	MG	MD	OR	XL	2I		PHC	3I						Dominantly phyllic overlapping vein envelopes, with patchy argillic. Oxidation staining is strong in argillic intervals. Two extremely friable fault crumbled segments. Hosts several mineralized quartz veins.
									LT	GN	FT			ARG	2I						
68.27	80.07	11.80				mKgW	GRD	MG	MD	GY	XL			ARG	1I						Unaltered granodiorite with argillic-phyllic quartz vein envelopes on crosscutting white quartz veinlets.
80.07	91.21	11.14				mKgW	GRD	MG	MD	GN	XL			PHC	3I						Patchy phyllic-argillic granodiorite where phyllic is found in vein envelopes and argillic on the outer envelopes. Crosscut by frequent mineralized quartz veins/veinlets.
									LT	PK	PA			ARG	2I						
			81.21	81.64	0.43	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderately argillic granodiorite.
									LT	WH	PA										
			84.30	85.82	1.52	mKgW	GRD	MG	MD	WH	XL			ARG	3I						Moderately argillic granodiorite.
									LT	PK	PA										
			85.82	86.92	1.10	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderately propyllitic granodiorite.
									LT	GY	PA										
			86.92	87.30	0.38	mKgW	GRD	MG	MD	WH	XL			ARG	3I						Moderately argillic granodiorite.
									LT	PK	PA										
			87.30	87.79	0.49	mKgW	GRD	MG	MD	GN	XL			PRO	2I						Weak propyllitic granodiorite.
										GY											
			87.79	89.03	1.24	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderately argillic granodiorite.
										WH											
			89.03	91.21	2.18	mKgW	GRD	MG	MD	GN	XL			PRO	2I						Weak propyllitic granodiorite.
										GY											
91.21	92.14	0.93				LKqP	FEL	FG	LT	TN	PO			SER	2I						Tan-red quartz feldspar porphyry dyke with strained quartz and feldspar phenocrysts with moderate sericite alteration.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
										RD											
92.14	230.52	138.38				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic with weak potassic, giving mottled pink-green colouration. Patchy phyllic and argillic on crosscutting veins.
										PK	PA			POT	2I						
														ARG	3I						
														PHC	2I						
			96.77	97.97	1.20	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Phyllic vein envelopes overlapping to produce a phyllic interval with argillic on the outskirts.
										PK	PA			ARG	2I						
			106.68	107.38	0.70	mKgW	GRD	MG	MD	GN	XL			ARG	4I						Strongly argillic granodiorite.
										PK	PA										
			107.38	108.00	0.62	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Strong-moderate phyllic granodiorite, crosscut by prominent mineralized quartz veins.
			110.03	111.13	1.10	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Strong argillic granodiorite.
										PK	PA										
			111.61	114.54	2.93	mKgW	GRD	MG	MD	GN	XL			PHC	4I						Strong phyllic granodiorite, crosscut by prominent mineralized quartz veins.
			120.77	123.53	2.76	mKgW	GRD	MG	MD	GN	XL			ARG	4I						Argillic interval with phyllic envelopes on several mineralized quartz veins.
										PK	PA			PHC	3I						
			124.26	125.81	1.55	mKgW	GRD	MG	MD	GN	XL			ARG	4I						Strongly argillic granodiorite with weak phyllic on crosscutting quartz veinlets.
										PK	PA			PHC	1I						
			128.63	129.74	1.11	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate phyllic granodiorite with crosscutting prominent quartz veins.
										GY	PA										
			134.96	136.11	1.15	mKgW	GRD	MG	MD	GN	XL			PHC	2I						Mottled green-pink due to overprinting phyllic and argillic.
										PK	PA			ARG	2I						
			149.80	150.94	1.14	mKgW	GRD	MG	MD	GN	XL			PHC	2I						Mottled green-pink due to overprinting phyllic and argillic.
										PK	PA			ARG	1I						
			166.73	169.93	3.20	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate phyllic hosting several prominent quartz veins.
			174.14	175.61	1.47	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Moderate phyllic crosscut by several mineralized quartz veinlets.
										GY	PA										
			180.14	180.84	0.70	mKgW	GRD	MG	MD	WH	XL			ARG	4I						Strongly argillic granodiorite.
										PK	PA										
			182.18	184.31	2.13	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Mottled pink-green granodiorite due to overprinting phyllic and argillic alterations. Crosscut by quartz-chalcedony veinlets.
										PK				ARG	2I						
			186.93	193.42	6.49	mKgW	GRD	MG	MD	GN	PA			PHC	3I						Moderately phyllic with patches of propyllitic, crosscut by quartz-chalcedony veins.
										GY				PRO	2I						
			204.52	206.77	2.25	mKgW	GRD	MG	MD	GN	XL			PHC	3I	1.00					Moderate-strong phyllic granodiorite hosting a vein zone with several significantly mineralized veins.
									LT	GY											
			208.31	209.08	0.77	mKgW	GRD	MG	MD	GN				PRO	3I						Mottled pink-green granodiorite due to overprinting phyllic and argillic alterations. Crosscut by quartz-chalcedony veinlets.
										PK				POT	3I						
			217.90	219.11	1.21	mKgW	GRD	MG	MD	GN				PHC	3I						Moderate-strong phyllic granodiorite hosting a vein zone with several significantly mineralized veins.
										GY				ARG	2I						
			220.64	221.08	0.44	mKgW	GRD	MG	MD	RD				HEM	3I						Unaltered granodiorite with red-orange hematite staining on the lighter crystals.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
										GY											
230.52	241.13	10.61				LKqP	FEL	FG	MD	RD				SER	2I						Maroon quartz feldspar porphyry dyke with large (0.3-1cm) quartz and feldspar phenocrysts. Approximately 50% of feldspars show green sericite alteration. Crosscut by white calcite veinlets, often on slickenside surfaces.
241.13	258.47	17.34				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Weak-moderate propyllitic with patchy argillic. Crosscut by occasional quartz veinlets with rare phyllic envelopes.
									LT	GY	PA			ARG	2I						
			247.08	248.77	1.69	mKgW	GRD	MG	LT	WH				ARG	4I						Strong argillic granodiorite.
										PK											
			249.62	250.21	0.59	mKgW	GRD	MG	LT	WH				ARG	4I						Strong argillic granodiorite.
										PK											
			253.23	254.26	1.03	mKgW	GRD	MG	MD	GN				PRO	3I						Mottled pink-green granodiorite due to propyllitic and potassic alteration, crosscut by quartz veinlets.
										PK				POT	2I						
																					EOH @ 258.47m

KLAZA

Hole: DDH-KL-12-107 Logger Name: Teresa Cruz Date: August 14, 2012

Depth (m)		DESCRIPTION
91.21		Sharp 90 degree contact between Hanging Wall (HW) propyllitic granodiorite and Foot Wall (FW) quartz feldspar porphyry dyke. No mineralized selvedge.
92.14		Sharp 80 degree contact between HW quartz feldspar porphyry dyke and FW propyllitic granodiorite. No mineralized dyke selvedge.
230.52		Clay gouged 80 degree sharp contact between HW phyllic granodiorite and FW quartz feldspar porphyry dyke, with 3cm chill margin in the FW.
241.13		Sharp 30 degree contact between HW quartz feldspar porphyry dyke and FW propyllitic granodiorite.
		EOH

KLAZA

Hole: DDH-KL-12-107 **Logger Name:** Teresa Cruz **Date:** August 14, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	12.46	12.48	70.00					Orange-stained crustiform quartz vein.	
GO	14.48	14.64	30.00					Orange-stained weakly gouged granodiorite.	
VT	14.71	14.72	30.00			PY	1.00	Weakly banded milky quartz veinlet with trace pyrite.	
GO	15.13	15.30	75.00					Orange-stained weakly gouged granodiorite.	
VN	15.68	15.75	65.00			PY	3.00	Heavily orange-stained banded grey-milky quartz vein with disseminated fine-grained pyrite.	
VT	17.43	17.45	60.00			PY	8.00	White-grey semitranslucent banded quartz veinlet with disseminated-blebby pyrite.	
FT	26.13	27.27	90.00		2.00			Two 4-5cm thick friable faults.	
VN	26.55	26.69	80.00		3.00	GO	15.00	Heavily oxide-stained veins of white-grey vuggy and clay altered quartz.	
FT	31.60	32.39	30.00			LI	20.00	Rubbly and oxide-stained fault zone.	
VT	34.32	35.98	50.00		2.00			two white massive-weakly banded calcite veinlets with strong oxide staining at their edges.	
FT	36.21	37.69	40.00			LI	10.00	Moderately faulted strongly oxide-stained granodiorite.	
VN	36.83	36.85	45.00			PY	8.00	First 3mm of vein is white massive calcite, last 7mm is white-grey crystalline quartz. Bordered by fine-grained disseminated pyrite, and blebby pyrite is found in the quartz portion.	
VN	39.19	39.23	35.00					Vein width varies between 1-7cm. White-pink massive quartz-calcite vein that brecciated the orange-red oxide-stained granodiorite.	
VN	40.22	40.95	20.00		6.00			Six low angle quartz veins that are pervasively red-orange stained by oxidation.	
VT	41.40	41.41	60.00			PY	10.00	White banded quartz carbonate veinlet with discontinuous galena stringers and blebby pyrite.	
						GN	20.00		
VN	42.49	42.50	80.00			PY	10.00	Very thinly banded smoky-grey quartz vein hosting disseminated-blebby pyrite, galena, and chalcopyrite. Central white calcite veinlet.	
						GN	20.00		
						CP	5.00		
VT	42.54	42.63	50.00		3.00	PY	10.00	Three white-smoky discontinuous weakly banded quartz veinlets. Smoky quartz hosts disseminated pyrite.	
VT	43.04	43.05	70.00			HE	10.00	White-grey massive calcite veinlet with blebby red hematite.	
VT	43.58	43.59	70.00			PY	30.00	Grey translucent quartz veinlet, that is tinted blue in some places due to interstitial blebby-disseminated galena crystals. Hosts disseminated-blebby pyrite and discontinuous pyrite stringers.	
						GN	20.00		
VT	47.10	47.45	65.00		2.00	PY	4.00	Two white massive quartz veinlets with disseminated pyrite and hematite at the veinlet border.	
						HE	8.00		
VT	49.63	49.65	70.00					Orange stained crystalline quartz veinlet.	
VT	52.23	52.24	50.00			PY	10.00	White-grey banded quartz veinlet with disseminated fine grained pyrite in the grey quartz and the 3cm phyllic envelope.	
VN	53.12	53.14	90.00			PY	8.00	Grey massive opaque quartz vein with disseminated pyrite and blebby honey brown sphalerite.	
						SP	5.00		
VT	54.34	54.35	90.00			PY	20.00	Translucent dark grey banded quartz veinlet with central discontinuous chalcopyrite veinlet and disseminated-blebby pyrite throughout.	
						CP	20.00		
VN	54.42	54.50	70.00			TO	5.00	Poorly defined grey quartz vein with carbonate-filled cracks and blebby schorl tourmaline.	
VT	55.92	55.93	60.00			PY	10.00	Banded grey-white quartz veinlet with blebby-disseminated pyrite.	
VN	56.99	57.01	75.00			PY	15.00	Banded grey-white quartz veinlet with white calcite lenses and hosts disseminated-blebby pyrite.	
VT	58.11	59.70	60.00		3.00	PY	6.00	White-grey banded quartz veinlets with disseminated pyrite.	
VN	63.05	63.07	50.00			PY	3.00	Smoky quartz vein with two thick white-orange crustiform quartz veinlets inside. Hosts disseminated pyrite.	
FT	64.36	65.07	90.00					Friable faulted zone.	
VT	65.83	66.04	80.00		7.00	PY	6.00	Closely spaced and crosscutting quartz veinlets, dominantly grey-white quartz with disseminated pyrite.	
VT	66.41	66.61	70.00		6.00	PY	8.00	Closely spaced and crosscutting quartz veinlets. Dominantly white-grey-smoky quartz hosting disseminated pyrite and galena.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						GN	4.00		
GO	66.63	66.68	90.00			PY	3.00	Strongly gouged grey quartz vein with disseminated pyrite.	
FT	67.88	68.12	90.00					Friable fault zone.	
VT	69.23	69.24	45.00			PY	10.00	White-smoky quartz veinlet hosting disseminated-blebby pyrite and galena, with disseminated honey brown sphalerite.	
						SP	3.00		
						GN	3.00		
VN	78.07	78.13	80.00			PY	7.00	Grey-smoky quartz veinlet with adjacent nodular-vuggy 2cm quartz vein. Smoky quartz hosts disseminated pyrite.	
FT	79.38	79.98	30.00					Weakly faulted-friable granodiorite.	
VT	80.99	81.02	70.00			PY	1.00	Three 0.4mm veinlets of smoky-milky-pink chalcedony-quartz, hosting trace disseminated pyrite.	
VN	81.33	81.84	60.00			PY	1.00	Netted-vuggy grey-smoky translucent quartz veins at varying angles (20-70). Quartz hosts granodiorite clasts (angular, 3mm) and disseminated pyrite.	
VT	82.30	83.44	80.00		3.00	PY	3.00	Three weakly banded white-grey-cream quartz veinlets hosting disseminated pyrite.	
VT	87.36	88.29	70.00		3.00			Three weakly banded white-grey-cream quartz veinlets.	
VT	88.14	89.98	60.00		4.00	PY	3.00	Four weakly netted smoky translucent quartz veinlets hosting disseminated fine-grained pyrite.	
VT	96.14	96.15	65.00			PY	6.00	Grey-cream semitranslucent banded quartz veinlet hosting disseminated pyrite.	
VT	96.99	97.00	35.00			PY	15.00	White semitranslucent quartz veinlet hosting ghost-bladed red hematite and galena.	x
						HE	10.00		
						GN	3.00		
VT	97.76	97.84	35.00		4.00	PY	4.00	Four thin dark grey translucent quartz veinlets with weak clay alteration.	
VN	104.39	104.40	90.00			PY	18.00	Translucent white quartz vein with milky quartz eyes and hosting blebby pyrite and disseminated honey brown sphalerite.	
						SP	2.00		
VN	107.67	107.72	50.00			PY	6.00	Translucent grey-white quartz with medium grained honey brown sphalerite crystals and disseminated pyrite.	
VT	107.73	107.85	60.00			PY	11.00	Netted-crustiform cream chalcedony veinlets with parallel smoky quartz veinlets and clasts, hosting disseminated pyrite.	
VT	110.51	110.52	60.00			PY	10.00	Grey translucent weakly banded quartz veinlet hosting blebby pyrite and chalcopyrite.	
						CP	15.00		
VN	112.05	112.10	90.00			PY	3.00	Dark grey clay altered quartz vein with disseminated pyrite.	
VN	112.19	112.29	80.00			PY	8.00	Thick smoky quartz vein brecciated by a 5cm cream-yellow colloform carbonate vein. Carbonate hosts disseminated pyrite, blebby honey brown sphalerite, and blebby galena. Smoky quartz hosts felted well-developed long needles of arsenopyrite (or sulphosalt).	x
						SP	6.00		
						GN	4.00		
						AS	30.00		
VN	112.31	112.47	85.00		4.00	PY	8.00	Four grey-white semitranslucent massive mossy quartz veins. Hosts disseminated pyrite, blebby honey brown sphalerite, blebby galena, and disseminated arsenopyrite.	
						SP	5.00		
						GN	2.00		
						AS	4.00		
VN	113.75	113.80	60.00			PY	25.00	Smoky weakly banded translucent quartz vein hosting disseminated-blebby pyrite, disseminated honey brown sphalerite, blebby-massive galena, and disseminated-blebby arsenopyrite.	
						GN	6.00		
						AS	6.00		
						SP	6.00		
VN	114.02	114.04	80.00			PY	20.00	Moderate clay altered grey quartz vein hosting disseminated pyrite.	
VN	119.54	119.58	80.00			PY	3.00	Cream-grey semitranslucent quartz vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	121.10	121.25	60.00		2.00	PY	6.00	Two white-cream-smoky weakly banded quartz veinlets. Smoky quartz hosts disseminated pyrite.	
VT	121.78	121.98	70.00		4.00	PY	6.00	Grey-white clay altered weakly banded quartz veinlets hosting disseminated medium grained pyrite.	
VN	122.16	122.20	70.00			PY	2.00	Moderate clay altered quartz vein showing weak bands of white-grey quartz, hosting disseminated pyrite and arsenopyrite.	
						AS	10.00		
VN	122.42	122.53	60.00					Massive-banded grey-smoky quartz vein with calcite-filled cracks. Hosts disseminated pyrite and disseminated acicular arsenopyrite needles (or sulphosalt).	
VT	122.95	122.97	75.00		3.00	PY	8.00	Grey-white banded semitranslucent quartz hosting disseminated pyrite. White quartz is discontinuous and broken by grey quartz.	
VT	124.98	125.05	80.00		2.00	PY	15.00	White-grey massive-banded quartz veinlets hosting blebby pyrite, with weak clay alteration.	
VT	126.00	126.13	65.00			PY	5.00	White semitranslucent quartz veinlets with blebby chalcopyrite, disseminated pyrite, and blebby hematite. Hematite is red-silver.	
						CP	20.00		
						HE	10.00		
VN	127.08	127.13	50.00		2.00	PY	10.00	Medium grey with cream quartz lenses, hosting fine-grained pyrite.	
VT	128.86	128.92	70.00		2.00	PY	30.00	Grey-white semitranslucent quartz veinlets hosting disseminated-blebby pyrite.	
VN	129.00	129.19	80.00		2.00	PY	20.00	Two 7cm grey-white banded quartz veins; vuggy and brecciate the granodiorite. Some vugs are carbonate-filled, with euhedral clear hexagonal quartz crystals. Hosts disseminated-blebby pyrite.	
VN	129.32	129.39	30.00			PY	15.00	White-grey semitranslucent quartz vein with disseminated-blebby pyrite and disseminated galena.	
						GN	2.00		
VN	129.43	129.47	75.00		2.00	PY	30.00	Two veinlets of grey quartz with bands of mineralization, including disseminated pyrite, galena, honey brown sphalerite, with interstitial white calcite.	
						SP	15.00		
						GN	15.00		
VT	131.83	131.84	70.00			PY	8.00	Massive-cream grey-white translucent quartz veinlet, with blebby honey brown sphalerite, disseminated pyrite, and blebby galena.	
						SP	6.00		
						GN	5.00		
VT	134.54	134.55	45.00			PY	15.00	Thinly banded grey-smoky quartz veinlet hosting disseminated-blebby pyrite and honey brown sphalerite.	
						SP	6.00		
VN	135.13	136.62	75.00		3.00			Three cream-white crustiform-banded chalcedony-quartz veins, with central white calcite veinlets.	
VN	137.18	137.23	60.00			PY	8.00	Banded grey-smoky semitranslucent quartz vein with disseminated pyrite and fine-grained arsenopyrite.	
						AS	8.00		
VN	140.20	140.23	65.00			PY	40.00	Banded grey-white quartz vein with disseminated-blebby pyrite.	
VT	142.11	142.12	75.00			PY	8.00	Grey translucent quartz veinlet with interstitial white calcite, hosting disseminated pyrite and blebby red hematite.	
						HE	6.00		
VT	142.89	143.88	80.00		3.00	PY	15.00	Grey-white quartz veinlets hosting disseminated-blebby pyrite and blebby sphalerite.	
						SP	7.00		
FT	145.39	147.43	60.00					Moderately developed fault zone.	
VN	149.15	149.17	80.00			PY	25.00	Grey-white opaque quartz vein hosting disseminated-blebby pyrite and honey brown sphalerite.	
						SP	10.00		
VN	153.16	153.18	75.00			PY	15.00	Grey-white semitranslucent quartz vein with disseminated pyrite.	
VT	154.11	154.12	85.00			PY	10.00	White quartz veinlet with dark green chlorite borders hosting disseminated-blebby pyrite.	
DY	157.18	157.62	30.00					Dark maroon mafic dyke with chilled margins and strained sericite-altered feldspar phenocrysts.	
VN	162.21	162.26	65.00			PY	8.00	4cm thick quartz vein: first 2cm are massive cream crustiform quartz hosting blebby pyrite. Last 2cm are grey massive quartz vein with borders of zoned comb honey brown sphalerite and blebby chalcopyrite.	x
						SP	12.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						CP	5.00		
VT	164.66	164.67	90.00			PY	3.00	Smoky quartz veinlet with disseminated pyrite.	
VN	167.35	167.50	90.00					Poorly defined white-cream quartz vein with red hematite staining.	
VN	168.10	168.12	75.00			PY	10.00	White-pink semitranslucent quartz vein with 3mm clear hexagonal quartz crystals. Hosts up to 1cm euhedral galena cubes.	x
						GN	40.00		
VN	169.30	169.35	70.00			PY	8.00	Grey-smoky banded quartz vein brecciated by cream-white chalcedony veinlets. Smoky-grey quartz hosts blebby-disseminated pyrite.	
VT	174.11	174.74	75.00		3.00	PY	15.00	White-grey quartz veinlets with discontinuous pyrite-smoky quartz stringers.	
VN	174.96	174.98	70.00			PY	6.00	White-grey-smoky quartz vein with parallel white crustiform quartz veinlet. Hosts disseminated pyrite.	
VN	176.16	176.18	80.00			PY	10.00	Grey-white semitranslucent quartz veins with blebby honey brown sphalerite and blebby pyrite.	
						SP	15.00		
VT	180.83	180.31	90.00		2.00	PY	10.00	Two smoky-grey quartz veinlets with disseminated-blebby pyrite, chalcopyrite, and discontinuous honey brown sphalerite stringers.	
						CP	6.00		
						SP	5.00		
VN	181.86	181.88	65.00			PY	10.00	White quartz vein with central clear hexagonal quartz crystals, bordered by coarse grained cubic galena crystals and disseminated-blebby pyrite and honey brown sphalerite.	
						GN	30.00		
						SP	3.00		
VT	182.42	182.63	80.00			PY	6.00	Grey-white quartz veinlets with disseminated pyrite.	
VN	183.37	183.47	75.00					Cream crustiform quartz vein, crosscut by white-grey quartz vein with brown staining.	
VT	183.96	183.97	75.00			PY	6.00	White-grey massive quartz vein with disseminated pyrite on its uphole border.	
FT	185.01	185.19	60.00					Friable fault zone with slickensides.	
VT	187.16	187.42	50.00					Netted cream quartz.	
VN	189.65	189.88	60.00		3.00	PY	10.00	Vuggy-crustiform cream veins with central vugs filled by white calcite. 2 of the 3 veins have grey-white quartz borders with disseminated-blebby pyrite.	
VT	192.51	192.65	60.00		2.00	PY	6.00	White-grey weakly banded quartz veins with coarse grained crystalline quarts at their centres, and disseminated pyrite at their edges.	
VN	194.60	194.95	75.00		2.00	PY	5.00	White-cream-grey comb-crustiform quartz veins hosting disseminated-blebby pyrite.	
VN	196.97	197.02	85.00			PY	8.00	Grey-smoky-milky weakly banded quartz vein. Hosts a fine-grained pyrite stringer and some disseminated pyrite.	
VT	203.89	204.71	75.00		4.00			White-grey crustiform quartz veinlets.	
VT	204.80	204.91	60.00			PY	15.00	Grey-smoky netted quartz veinlets hosting disseminated-blebby pyrite.	
VN	204.94	204.97	70.00			PY	10.00	Grey-smoky banded quartz vein with disseminated-blebby pyrite and clay alteration along the uphole border.	
VN	205.04	205.08	65.00			PY	15.00	Phyllic granodiorite netted by cream crustiform chalcedony vein, then crosscut by a grey massive quartz vein. Hosts disseminated-blebby pyrite.	
VN	205.18	205.20	80.00			PY	5.00	Light grey-white quartz vein that brecciated phyllic granodiorite and grew crustiform textures between granodiorite clasts. Hosts disseminated pyrite.	
VT	205.33	205.34	60.00			PY	3.00	Grey-white quartz veinlets with disseminated pyrite.	
VT	205.50	205.66	70.00		4.00	PY	3.00	Four smoky-white weakly clay altered quartz veinlets with disseminated pyrite.	
VN	205.78	205.83	80.00			PY	4.00	Gouged grey quartz vein with large competent clasts.	
VN	205.90	206.06	80.00		2.00	PY	10.00	Dark grey-smoky weakly banded quartz vein 2.5cm thick, hosting blebby pyrite.	
VN	206.60	209.00	90.00		4.00			White-milky weakly crustiform quartz veins.	
VN	207.43	207.45	80.00			PY	15.00	White-grey semitranslucent quartz vein with blebby pyrite.	
VT	216.07	216.08	70.00			PY	10.00	Dark grey semitranslucent quartz veinlet hosting disseminated galena and blebby pyrite.	
						GN	2.00		
VT	218.09	218.25	65.00		6.00	PY	5.00	White-grey-cream semitranslucent massive-vuggy quartz veinlets hosting disseminated fine-grained pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	218.25	218.27	75.00			PY	5.00	Grey translucent quartz vein with lenses of pink-cream quartz. Grey quartz hosts disseminated fine-grained pyrite.	
VN	218.36	218.39	70.00			PY	2.00	Grey-cream massive quartz vein, netted by crosscutting grey calcite. Hosts disseminated pyrite.	
VN	218.43	218.45	80.00			PY	10.00	White translucent comb quartz vein with interstitial cream calcite, hosting disseminated-blebby pyrite and honey brown sphalerite.	
						SP	2.00		
VN	218.48	218.50	80.00			PY	4.00	White translucent crackled-banded quartz vein hosting disseminated fine-grained pyrite and short acicular arsenopyrite needles.	
						AS	2.00		
VN	218.58	218.60	80.00			PY	6.00	White-cream crustiform-vuggy quartz veinlet (3mm) with 3mm galena veinlet adjacent and disseminated pyrite.	
						GN	40.00		
VT	230.15	230.20	80.00		2.00	PY	10.00	Grey-white semitranslucent quartz veinlets with blebby honey brown sphalerite and blebby pyrite.	
						SP	20.00		
VN	230.20	230.31	80.00			PY	10.00	White-grey massive quartz vein with cream chalcedony veins crosscutting and interstitial to quartz. Grey quartz hosts blebby galena and pyrite.	
						GN	25.00		
GO	230.48	230.52	80.00			PY	5.00	Gouged white-grey quartz vein at dyke contact, hosting disseminated pyrite.	
VT	253.31	254.66	60.00		10.00	PY	1.00	White-grey weakly banded quartz veinlets hosting disseminated pyrite.	
VN	254.76	254.81	80.00			PY	1.00	Netted white-grey quartz vein with disseminated pyrite.	
VN	258.03	258.12	70.00			PY	5.00	Poorly defined cream-white-grey quartz vein hosting disseminated-blebby pyrite and galena.	
						GN	3.00		
								EOH	

KLAZA

Hole: DDH-KL-12-107 **Date: August 14, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
22.96	9.7	5.2	513.9	315.9	GRD	XL	ARG				2.494654	2.595455	Argillic granodiorite with propyllitic alteration giving green chlorite colouration and pervasive oxide staining.
							OXI						
							PRO						
49.81	9.8	5.2	531.1	333	GRD	XL	PRO				2.551841	2.680969	Weak propyllitic granodiorite.
52.16	10.1	5.2	542.2	336.4	GRD	XL	PRO				2.527793	2.634597	Weak propyllitic granodiorite crosscut by quartz veinlet with moderate phyllic envelope and moderate oxide staining.
							OXI						
							PHC						
65.85	10.1	5.2	534.3	335.3	VEN	XL	PHC		PY	3	2.490963	2.684925	Phyllic granodiorite crosscut by closely spaced quartz veins with disseminated pyrite.
Calibration			2001.7										Calibration test with 2.0 kg mass.
91.25	9.7	5.2	522.4	325.2	FEL	PO					2.535916	2.649087	Quartz feldspar porphyry dyke.
106.54	10	5.2	537.4	335.8	GRD	XL	PRO				2.530469	2.665675	Mottled green-pink propyllitic and potassic altered granodiorite.
							POT						
112.12	15.1	5.2	936.1	638.5	GRD	XL	PRO		PY	6	2.919098	3.145497	Complex sulphide-rich vein (see secondary structures).
									SP	4			
									GN	2			
									AS	28			
162.21	10.1	5.2	588.1	376	GRD	XL	PHC	3I	PY	3	2.741784	2.772749	Weak propyllitic with quartz vein (see secondaries).
188.84	10	5.2	537.2	337.1	GRD	XL	PRO	1I			2.529528	2.684658	Very weak propyllitic granodiorite.
232.9	9.8	5.2	523.2	323.3	FEL	PO					2.513883	2.617309	Quartz feldspar porphyry dyke.
													EOH

KLAZA

Hole: DDH-KL-12-107 **Date: August 14, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
10.94	11.95	1.01	1.01	100	N814560	1				
11.95	12.99	1.04	0.94	90.4	N814561	1				
12.99	14.48	1.49	1.41	94.6	N814562	1				
					N814563	1				KLAZA STD-3
14.48	15.61	1.13	1.13	100	N814564	1				
15.61	16.68	1.07	1.01	94.4	N814565	1				
16.68	17.78	1.10	1.05	95.5	N814566	1				
17.78	20.42	2.64	2.45	92.8	N814567	1				
20.42	23.47	3.05	2.92	95.7	N814568	1				
23.47	26.44	2.97	2.86	96.3	N814569	1				
26.44	27.44	1.00	0.99	99	N814570	1				
					N814571	1				BLANK
27.44	29.57	2.13	2.00	93.9	N814572	1				
29.57	31.37	1.80	1.78	98.9	N814573	1				
31.37	32.61	1.24	1.00	80.6	N814574	1				
32.61	35.66	3.05	3.05	100	N814575	1				
35.66	38.71	3.05	2.92	95.7	N814576	1				
38.71	41.12	2.41	2.38	98.8	N814577	1				
41.12	42.67	1.55	1.50	96.8	N814578	1				
					N814579	1				BLANK
42.67	43.67	1.00	1.00	100	N814580	1				
43.67	45.77	2.10	2.09	99.5	N814581	1				
45.77	47.00	1.23	1.20	97.6	N814582	1				
					N814583	1				QUARTER DUPLICATE
47.00	48.15	1.15	1.03	89.6	N814599	1				
48.15	49.15	1.00	1.00	100	N814584	1				
					N814585	1				KLAZA STD-3
49.15	51.13	1.98	1.98	100	N814586	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
51.13	52.15	1.02	1.02	100	N814587	1				
52.15	53.41	1.26	1.20	95.2	N814588	1				
53.41	54.57	1.16	1.15	99.1	N814589	1				
54.57	57.00	2.43	2.43	100	N814590	1				
					N814591	1				COARSE REJECT DUPLICATE
57.00	58.41	1.41	1.41	100	N814592	1				
58.41	59.76	1.35	1.35	100	N814593	1				
59.76	62.76	3.00	2.82	94	N814594	2				
62.76	63.88	1.12	1.11	99.1	N814595	2				
63.88	65.65	1.77	1.60	90.4	N814596	2				
65.65	66.75	1.10	1.09	99.1	N814597	2				
66.75	68.27	1.52	1.52	100	N814598	2				Sample N814599 is in batch one
68.27	70.71	2.44	2.44	100	N814600	2				
70.71	72.01	1.30	1.30	100	N814601	2				
72.01	75.00	2.99	2.96	99	N814602	2				
75.00	77.55	2.55	2.55	100	N814603	2				
77.55	78.60	1.05	1.05	100	N814604	2				
78.60	80.85	2.25	2.22	98.7	N814605	2				
					N814606	2				COARSE REJECT DUPLICATE
80.85	81.85	1.00	0.89	89	N814607	2				
81.85	82.85	1.00	1.00	100	N814608	2				
82.85	84.33	1.48	1.45	98	N814609	2				
					N814610	2				KLAZA STD-2
84.33	87.32	2.99	2.83	94.6	N814611	2				
87.32	89.00	1.68	1.68	100	N814612	2				
89.00	91.21	2.21	2.20	99.5	N814613	2				
91.21	92.14	0.93	0.93	100	N814614	2				Dyke
					N814615	2				QUARTER DUPLICATE
92.14	93.89	1.75	1.65	94.3	N814616	2				
93.89	96.87	2.98	2.84	95.3	N814617	2				
96.87	97.96	1.09	1.08	99.1	N814618	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
97.96	99.67	1.71	1.71	100	N814619	2				
99.67	102.72	3.05	3.05	100	N814620	2				
					N814621	2				KLAZA STD-1
102.72	104.32	1.60	1.59	99.4	N814622	2				
104.32	105.52	1.20	1.20	100	N814623	2				
105.52	107.18	1.66	1.64	98.8	N814624	2				
107.18	108.18	1.00	1.00	100	N814625	2				
					N814626	2				BLANK
108.18	110.00	1.82	1.75	96.2	N814627	2				
110.00	111.49	1.49	1.46	98	N814628	2				
111.49	112.49	1.00	0.97	97	N814629	2				
					N814630	2				BLANK
112.49	113.49	1.00	0.97	97	N814631	2				
113.49	114.55	1.06	1.03	97.2	N814632	3				
114.55	116.56	2.01	2.01	100	N814633	3				
					N814634	3				KLAZA STD-2
116.56	119.50	2.94	2.93	99.7	N814635	3				
119.50	121.73	2.23	2.20	98.7	N814636	3				
121.73	122.73	1.00	1.00	100	N814637	3				
					N814638	3				BLANK
122.73	124.05	1.32	1.32	100	N814639	3				
124.05	125.20	1.15	1.11	96.5	N814640	3				
125.20	126.30	1.10	1.09	99.1	N814641	3				
126.30	127.44	1.14	1.11	97.4	N814642	3				
127.44	128.66	1.22	1.16	95.1	N814643	3				
					N814644	3				COARSE REJECT DUPLICATE
128.66	129.70	1.04	1.02	98.1	N814645	3				
129.70	131.56	1.86	1.80	96.8	N814646	3				
131.56	133.00	1.44	1.43	99.3	N814647	3				
133.00	135.13	2.13	2.04	95.8	N814648	3				
135.13	136.77	1.64	1.63	99.4	N814649	3				
136.77	137.82	1.05	1.05	100	N814650	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
137.82	139.29	1.47	1.46	99.3	N814651	3				
					N814652	3				QUARTER DUPLICATE
139.29	140.29	1.00	0.94	94	N814653	3				
140.29	142.34	2.05	2.04	99.5	N814654	3				
					N814655	3				KLAZA STD-3
142.34	145.39	3.05	2.97	97.4	N814656	3				
145.39	147.51	2.12	1.89	89.2	N814657	3				
147.51	148.73	1.22	1.19	97.5	N814658	3				
148.73	149.82	1.09	1.08	99.1	N814659	3				
					N814660	3				BLANK
149.82	150.86	1.04	1.02	98.1	N814661	3				
150.86	153.16	2.30	2.30	100	N814662	3				
153.16	154.25	1.09	1.03	94.5	N814663	3				
154.25	157.16	2.91	2.85	97.9	N814664	3				
157.16	159.25	2.09	2.04	97.6	N814665	3				
159.25	161.57	2.32	2.30	99.1	N814666	3				
161.57	162.57	1.00	1.00	100	N814667	3				
					N814668	4				KLAZA STD-2
162.57	164.63	2.06	1.98	96.1	N814669	4				
164.63	166.88	2.25	2.17	96.4	N814670	4				
166.88	168.06	1.18	1.13	95.8	N814671	4				
168.06	169.32	1.26	1.26	100	N814672	4				
					N814673	4				BLANK
169.32	170.52	1.20	1.16	96.7	N814674	4				
170.52	171.98	1.46	1.45	99.3	N814675	4				
171.98	174.20	2.22	2.22	100	N814676	4				
174.20	176.20	2.00	2.00	100	N814677	4				
176.20	177.74	1.54	1.54	100	N814678	4				
					N814679	4				QUARTER DUPLICATE
177.74	179.53	1.79	1.76	98.3	N814680	4				
179.53	180.53	1.00	0.96	96	N814681	4				
180.53	181.84	1.31	1.31	100	N814682	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
181.84	182.84	1.00	1.00	100	N814683	4				
182.84	183.99	1.15	1.12	97.4	N814684	4				
183.99	185.87	1.88	1.81	96.3	N814685	4				
185.87	187.12	1.25	1.25	100	N814686	4				
					N814687	4				COARSE REJECT DUPLICATE
187.12	188.95	1.83	1.83	100	N814688	4				
188.95	189.95	1.00	1.00	100	N814689	4				
189.95	191.23	1.28	1.20	93.7	N814690	4				
191.23	192.70	1.47	1.47	100	N814691	4				
					N814692	4				KLAZA STD-3
192.70	194.16	1.46	1.46	100	N814693	4				
194.16	195.16	1.00	0.98	98	N814694	4				
					N814695	4				BLANK
195.16	196.81	1.65	1.65	100	N814696	4				
196.81	197.81	1.00	1.00	100	N814697	4				
197.81	200.25	2.44	2.36	96.7	N814698	4				
200.25	203.30	3.05	3.05	100	N814699	4				
203.30	204.80	1.50	1.49	99.3	N814700	4				
204.80	206.08	1.28	1.23	96.1	N814701	4				
206.08	207.08	1.00	1.00	100	N814702	4				
207.08	209.02	1.94	1.91	98.5	N814703	4				
209.02	210.35	1.33	1.33	100	N814704	5				
210.35	212.45	2.10	2.09	99.5	N814705	5				
					N814706	5				KLAZA STD-2
212.45	215.49	3.04	3.04	100	N814707	5				
215.49	218.07	2.58	2.58	100	N814708	5				
218.07	219.09	1.02	1.00	98	N814709	5				
					N814710	5				BLANK
219.09	221.56	2.47	2.46	99.6	N814711	5				
221.56	224.64	3.08	3.05	99	N814712	5				
224.64	227.69	3.05	3.02	99	N814713	5				
227.69	229.68	1.99	1.90	95.5	N814714	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
229.68	230.68	1.00	0.93	93	N814715	5				
230.68	232.15	1.47	1.47	100	N814716	5				
232.15	233.78	1.63	1.60	98.2	N814717	5				End of sampling.
										EOH @ 258.47m

KLAZA

Hole: DDH-KL-12-107 **Tech Name: Barry Penner** **Date: August 14, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	1.55	30	0.71	14		2	4S	2W	
5.18	8.23	3.05	2.71	89	1.57	51		1	2S	3W	
8.23	11.28	3.05	2.92	96	1.97	65		1	2S	2W	
11.28	14.33	3.05	2.89	95	2.17	71		2	4S	2W	
14.33	17.37	3.04	2.91	96	2.10	69		1	1S	4W	
17.37	20.42	3.05	2.81	92	1.93	63		2	2S	2W	
20.42	23.47	3.05	2.95	97	2.81	92		2	2S	2W	
23.47	26.52	3.05	2.92	96	2.38	78		1	1S	3W	
26.52	29.57	3.05	2.91	95	2.19	72		1	1S	3W	
29.57	32.61	3.04	2.84	93	1.76	58		1	1S	3W	
32.61	35.66	3.05	2.99	98	2.32	76		2	4S	2W	
35.66	38.71	3.05	2.88	94	1.94	64		1	2S	3W	
38.71	41.76	3.05	3.00	98	2.78	91		2	3S	2W	
41.76	44.81	3.05	3.04	100	2.31	76		2	2S	2W	
44.81	47.85	3.04	2.95	97	2.52	83		1	1S	3W	
47.85	50.90	3.05	2.96	97	2.40	79		2	4S	2W	
50.90	53.95	3.05	2.93	96	2.47	81		2	1S	2W	
53.95	57.00	3.05	3.04	100	2.94	96		2	4S	2W	
57.00	60.05	3.05	2.95	97	2.43	80		2	3S	2W	
60.05	63.09	3.04	2.91	96	2.23	73		2	4S	2W	
63.09	66.14	3.05	2.86	94	1.32	43		1	0S	3W	
66.14	69.19	3.05	3.04	100	1.04	34		1	0S	3W	
69.19	72.24	3.05	3.02	99	1.93	63		2	2S	2W	
72.24	75.29	3.05	2.97	97	2.31	76		2	4S	1W	
75.29	78.33	3.04	2.98	98	2.00	66		2	1S	1W	
78.33	81.38	3.05	2.92	96	0.62	20		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.98	98	1.70	56		2	3S	1W	
84.43	87.48	3.05	2.90	95	1.55	51		2	3S	1W	
87.48	90.53	3.05	2.95	97	1.79	59		2	4S	1W	
90.53	93.57	3.04	2.96	97	1.46	48		2	3S	1W	
93.57	96.62	3.05	2.97	97	1.29	42		2	3S	1W	
96.62	99.67	3.05	2.95	97	1.47	48		2	2S	1W	
99.67	102.72	3.05	2.91	95	1.61	53		2	3S	1W	
102.72	105.77	3.05	2.95	97	0.95	31		2	3S	1W	
105.77	108.81	3.04	3.00	99	1.33	44		2	4S	1W	
108.81	111.86	3.05	2.93	96	1.70	56		2	4S	1W	
111.86	114.91	3.05	2.86	94	1.64	54		2	3S	1W	
114.91	117.96	3.05	3.00	98	1.93	63		2	4S	1W	
117.96	121.01	3.05	2.95	97	1.65	54		2	2S	1W	
121.01	124.05	3.04	2.98	98	1.90	63		2	2S	1W	
124.05	127.10	3.05	2.97	97	1.13	37		2	3S	1W	
127.10	130.15	3.05	2.94	96	1.10	36		2	2S	1W	
130.15	133.20	3.05	3.00	98	1.39	46		2	3S	1W	
133.20	136.25	3.05	2.92	96	0.87	29		2	3S	1W	
136.25	139.29	3.04	2.90	95	1.43	47		2	3S	1W	
139.29	142.34	3.05	2.84	93	1.35	44		2	3S	1W	
142.34	145.39	3.05	2.88	94	1.57	51		2	3S	1W	
145.39	148.44	3.05	3.00	98	0.44	14		2	2S	1W	
148.44	151.49	3.05	2.97	97	1.74	57		2	3S	1W	
151.49	154.53	3.04	2.93	96	1.96	64		2	3S	1W	
154.53	157.58	3.05	2.91	95	2.24	73		2	3S	1W	
157.58	160.63	3.05	2.96	97	2.10	69		2	4S	1W	
160.63	163.68	3.05	2.89	95	1.28	42		2	3S	1W	
163.68	166.73	3.05	2.97	97	1.92	63		2	4S	1W	
166.73	169.77	3.04	2.95	97	1.90	62		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.96	97	1.41	46		2	3S	1W	
172.82	175.87	3.05	2.88	94	1.92	63		2	3S	1W	
175.87	178.92	3.05	2.95	97	1.54	50		2	3S	1W	
178.92	181.97	3.05	3.00	98	0.80	26		2	2S	1W	
181.97	185.01	3.04	2.94	97	1.70	56		2	4S	2W	
185.01	188.06	3.05	3.05	100	1.29	42		2	4S	1W	
188.06	191.11	3.05	2.88	94	1.32	43		2	4S	1W	
191.11	194.16	3.05	2.94	96	1.84	60		2	4S	1W	
194.16	197.21	3.05	2.96	97	1.81	59		2	4S	1W	
197.21	200.25	3.04	2.79	92	1.85	61		2	4S	1W	
200.25	203.30	3.05	3.00	98	2.15	70		2	3S	1W	
203.30	206.35	3.05	3.00	98	1.71	56		2	2S	1W	
206.35	209.40	3.05	2.92	96	2.21	72		2	3S	1W	
209.40	212.45	3.05	2.92	96	1.63	53		2	3S	1W	
212.45	215.49	3.04	2.94	97	1.88	62		2	4S	1W	
215.49	218.54	3.05	2.97	97	1.67	55		2	5S	1W	
218.54	221.59	3.05	2.95	97	1.41	46		2	2S	3W	
221.59	224.64	3.05	3.05	100	1.55	51		2	5S	1W	
224.64	227.69	3.05	2.92	96	1.87	61		2	3S	1W	
227.69	230.73	3.04	3.00	99	1.85	61		2	2S	1W	
230.73	233.78	3.05	2.98	98	2.18	71		2	4S	1W	
233.78	236.83	3.05	2.95	97	2.09	69		2	3S	1W	
236.83	239.88	3.05	2.96	97	1.56	51		2	3S	1W	
239.88	242.93	3.05	2.98	98	0.92	30		2	4S	1W	
242.93	245.98	3.05	2.82	92	1.72	56		2	2S	1W	
245.98	249.02	3.04	2.98	98	1.51	50		2	4S	1W	
249.02	252.07	3.05	2.96	97	1.86	61		2	3S	1W	
252.07	255.73	3.66	2.98	81	2.56	70		2	4S	1W	
255.73	258.12	2.39	2.98	125	1.84	77		2	5S	1W	
258.12	258.47	0.35	0.20	57	0.20	57		2	4S	1W	EOH @ 258.47m

KLAZA

Hole: DDH-KL-12-107 **Tech Name:** **Date:** August 14, 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	-	-	-	-	-	-	Random fractures
5.18	8.23	3.05	35.00	0.32	0.00	2.00	3R	2W	
8.23	11.28	3.05	35.00	0.20	40.00	2.00	3R	4W	
11.28	14.33	3.05	35.00	0.16	0.00	2.00	3R	2W	
14.33	17.37	3.04	55.00	0.30	0.00	2.00	3R	2W	
17.37	20.42	3.05	45.00	0.18	0.00	2.00	3R	2W	
20.42	23.47	3.05	35.00	0.65	0.00	2.00	3R	3W	
23.47	26.52	3.05	40.00	0.15	0.00	2.00	3R	2W	
26.52	29.57	3.05	65.00	0.30	1.00	2.00	2R	2W	
29.57	32.61	3.04	55.00	0.10	0.00	1.00	2R	2W	
32.61	35.66	3.05	30.00	0.54	0.00	2.00	3R	2W	
35.66	38.71	3.05	70.00	0.14	1.00	2.00	2R	2W	
38.71	41.76	3.05	-	-		-	-	-	Random fractures
41.76	44.81	3.05	35.00	0.15	0.00	2.00	3R	2W	
44.81	47.85	3.04	60.00	0.16	1.00	2.00	2R	2W	
47.85	50.90	3.05	55.00	0.07	0.00	2.00	3R	2W	
50.90	53.95	3.05	35.00	1.60	0.00	2.00	3R	2W	
53.95	57.00	3.05	50.00	0.85	0.00	2.00	3R	1W	
57.00	60.05	3.05	40.00	0.02	0.00	3.00	3R	2W	
60.05	63.09	3.04	45.00	0.08	0.00	3.00	3R	2W	
63.09	66.14	3.05	50.00	0.09	0.00	2.00	2R	2W	Heavy gouge
66.14	69.19	3.05	65.00	0.50	30.00	2.00	3R	4W	Heavy gouge
69.19	72.24	3.05	45.00	0.15	0.00	2.00	2R	2W	
72.24	75.29	3.05	42.00	0.58	0.00	1.00	2R	1W	
75.29	78.33	3.04	72.00	0.06	0.00	1.00	2R	2W	
78.33	81.38	3.05	-	-	-	-	-	-	
81.38	84.43	3.05	65.00	0.58	0.00	1.00	2R	1W	
84.43	87.48	3.05	60.00	0.15	0.00	1.00	2R	1W	
87.48	90.53	3.05	70.00	0.20	0.00	2.00	3R	1W	

KLAZA

90.53	93.57	3.04	-	-	-	-	-	-	
93.57	96.62	3.05	-	-	-	-	-	-	
96.62	99.67	3.05	-	-	-	-	-	-	
99.67	102.72	3.05	42.00	0.11	0.00	1.00	2R	1W	
102.72	105.77	3.05	-	-	-	-	-	-	
105.77	108.81	3.04	57.00	0.15	0.00	1.00	2R	1W	
108.81	111.86	3.05	60.00	0.50	0.00	1.00	2R	1W	
111.86	114.91	3.05	72.00	0.90	0.00	1.00	2R	1W	
114.91	117.96	3.05	52.00	1.40	0.00	1.00	2R	1W	
117.96	121.01	3.05	55.00	1.86	0.00	2.00	3R	1W	
121.01	124.05	3.04	60.00	0.15	0.00	2.00	3R	1W	
124.05	127.10	3.05	60.00	0.21	0.00	1.00	3R	1W	
127.10	130.15	3.05	50.00	1.28	0.00	1.00	2R	1W	
130.15	133.20	3.05	35.00	0.19	0.00	1.00	2R	1W	
133.20	136.25	3.05	60.00	0.37	0.00	1.00	2R	1W	
136.25	139.29	3.04	60.00	0.15	0.00	1.00	2R	2W	
139.29	142.34	3.05	60.00	0.13	0.00	1.00	2R	2W	
142.34	145.39	3.05	-	-	-	-	-	-	
145.39	148.44	3.05	-	-	-	-	-	-	
148.44	151.49	3.05	45.00	0.29	0.00	1.00	2R	1W	
151.49	154.53	3.04	-	-	-	-	-	-	
154.53	157.58	3.05	50.00	0.94	0.00	1.00	2R	2W	
157.58	160.63	3.05	55.00	0.14	0.00	1.00	2R	2W	
160.63	163.68	3.05	40.00	1.32	0.00	1.00	2R	1W	
163.68	166.73	3.05	40.00	0.20	0.00	1.00	2R	1W	
166.73	169.77	3.04	50.00	0.48	0.00	1.00	2R	1W	
169.77	172.82	3.05	45.00	0.10	0.00	1.00	2R	1W	
172.82	175.87	3.05	60.00	0.34	0.00	1.00	2R	1W	
175.87	178.92	3.05	60.00	0.08	0.00	1.00	2R	1W	
178.92	181.97	3.05	65.00	0.42	0.00	1.00	2R	2W	
181.97	185.01	3.04	70.00	0.14	0.00	1.00	2R	1W	
185.01	188.06	3.05	60.00	0.08	0.00	1.00	2R	1W	
188.06	191.11	3.05	40.00	0.18	0.00	1.00	2R	2W	
191.11	194.16	3.05	60.00	0.41	0.00	1.00	2R	1W	
194.16	197.21	3.05	50.00	0.28	0.00	1.00	2R	1W	
197.21	200.25	3.04	60.00	0.08	0.00	1.00	2R	1W	
200.25	203.30	3.05	70.00	0.19	0.00	1.00	2R	1W	
203.30	206.35	3.05	70.00	0.33	0.00	1.00	2R	1W	
206.35	209.40	3.05	40.00	0.43	0.00	1.00	2R	1W	
209.40	212.45	3.05	72.00	0.08	0.00	1.00	2R	1W	

KLAZA

212.45	215.49	3.04	-	-	-	-	-	-	
215.49	218.54	3.05	65.00	0.47	0.00	1.00	2R	1W	
218.54	221.59	3.05	60.00	0.20	0.00	1.00	2R	1W	
221.59	224.64	3.05	75.00	0.18	0.00	1.00	2R	1W	
224.64	227.69	3.05	65.00	0.07	0.00	1.00	2R	1W	
227.69	230.73	3.04	60.00	0.14	0.00	1.00	2R	1W	
230.73	233.78	3.05	75.00	0.41	0.00	1.00	2R	1W	
233.78	236.83	3.05	65.00	0.55	0.00	1.00	2R	1W	
236.83	239.88	3.05	78.00	0.02	0.00	1.00	2R	1W	
239.88	242.93	3.05	68.00	0.28	0.00	1.00	2R	1W	
242.93	245.98	3.05	70.00	0.06	0.00	1.00	2R	1W	
245.98	249.02	3.04	60.00	0.57	0.00	1.00	2R	1W	
249.02	252.07	3.05	60.00	0.84	0.00	1.00	2R	1W	
252.07	255.73	3.66	-	-	-	-	-	-	
255.73	258.12	2.39	-	-	-	-	-	-	
258.12	258.47	0.35	-	-	-	-	-	-	
									EOH @ 258.47m

KLAZA

Hole: DDH-KL-12-107 Date: August 14, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	
2.00	n/a	
3.00	n/a	
4.00	n/a	
5.00	3.01	
6.00	5.19	
7.00	1.75	
8.00	1.51	
9.00	0.96	
10.00	0.91	
11.00	0.36	
12.00	2.00	
13.00	2.10	
14.00	10.10	
15.00	12.40	
16.00	0.45	
17.00	3.49	
18.00	0.47	
19.00	4.15	
20.00	10.20	
21.00	7.52	
22.00	0.47	
23.00	2.39	
24.00	0.12	
25.00	0.56	
26.00	0.25	
27.00	0.60	
28.00	8.99	
29.00	10.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	13.90	
31.00	11.90	
32.00	4.79	
33.00	9.31	
34.00	6.05	
35.00	0.36	
36.00	0.84	
37.00	4.55	
38.00	2.39	
39.00	0.51	
40.00	0.29	
41.00	0.16	
42.00	0.43	
43.00	0.71	
44.00	2.41	
45.00	5.43	
46.00	4.48	
47.00	2.21	
48.00	14.70	
49.00	6.02	
50.00	7.02	
51.00	8.72	
52.00	7.59	
53.00	0.42	
54.00	0.56	
55.00	0.67	
56.00	0.38	
57.00	1.15	
58.00	0.84	
59.00	4.05	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	17.70	
61.00	15.20	
62.00	7.30	
63.00	0.56	
64.00	0.40	
65.00	4.97	
66.00	0.35	
67.00	0.26	
68.00	3.25	
69.00	7.42	
70.00	10.20	
71.00	3.89	
72.00	5.19	
73.00	12.70	
74.00	13.00	
75.00	20.60	
76.00	18.30	
77.00	20.60	
78.00	3.34	
79.00	4.41	
80.00	5.59	
81.00	2.50	
82.00	2.74	
83.00	2.10	
84.00	2.85	
85.00	6.91	
86.00	3.66	
87.00	1.75	
88.00	2.89	
89.00	2.03	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	3.33	
91.00	2.72	
92.00	3.16	
93.00	6.47	
94.00	4.61	
95.00	11.20	
96.00	4.30	
97.00	3.33	
98.00	2.92	
99.00	4.26	
100.00	19.10	
101.00	16.80	
102.00	12.40	
103.00	15.10	
104.00	13.50	
105.00	19.60	
106.00	17.10	
107.00	1.13	
108.00	0.71	
109.00	16.00	
110.00	5.16	
111.00	0.43	
112.00	0.21	
113.00	0.42	
114.00	0.31	
115.00	0.43	
116.00	1.95	
117.00	4.70	
118.00	9.64	
119.00	0.75	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.63	
121.00	0.40	
122.00	1.09	
123.00	0.29	
124.00	4.50	
125.00	0.49	
126.00	0.64	
127.00	0.42	
128.00	7.28	
129.00	0.93	
130.00	3.56	
131.00	13.10	
132.00	11.70	
133.00	2.17	
134.00	10.40	
135.00	2.65	
136.00	1.92	
137.00	1.48	
138.00	3.44	
139.00	12.90	
140.00	0.69	
141.00	12.70	
142.00	16.50	
143.00	9.33	
144.00	7.74	
145.00	1.83	
146.00	0.60	
147.00	2.50	
148.00	16.00	
149.00	2.81	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	2.81	
151.00	3.84	
152.00	9.68	
153.00	7.32	
154.00	1.77	
155.00	1.06	
156.00	21.80	
157.00	21.30	
158.00	19.60	
159.00	18.00	
160.00	23.70	
161.00	20.40	
162.00	6.42	
163.00	16.80	
164.00	18.80	
165.00	1.97	
166.00	7.11	
167.00	1.92	
168.00	1.84	
169.00	1.79	
170.00	7.37	
171.00	2.94	
172.00	3.45	
173.00	0.78	
174.00	8.45	
175.00	1.31	
176.00	2.89	
177.00	1.33	
178.00	12.90	
179.00	10.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	5.47	
181.00	2.25	
182.00	5.39	
183.00	2.65	
184.00	3.12	
185.00	5.28	
186.00	3.89	
187.00	1.04	
188.00	2.72	
189.00	3.51	
190.00	2.01	
191.00	1.59	
192.00	4.39	
193.00	1.11	
194.00	5.19	
195.00	2.74	
196.00	3.29	
197.00	1.50	
198.00	0.93	
199.00	12.70	
200.00	16.60	
201.00	15.40	
202.00	16.00	
203.00	14.50	
204.00	3.47	
205.00	2.04	
206.00	2.41	
207.00	7.61	
208.00	0.27	
209.00	2.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	7.33	
211.00	11.60	
212.00	14.80	
213.00	11.40	
214.00	12.20	
215.00	19.70	
216.00	18.20	
217.00	17.60	
218.00	2.37	
219.00	2.96	
220.00	15.50	
221.00	5.91	
222.00	19.10	
223.00	17.00	
224.00	16.40	
225.00	16.90	
226.00	15.10	
227.00	14.00	
228.00	18.10	
229.00	15.70	
230.00	4.15	
231.00	2.56	
232.00	1.90	
233.00	1.22	
234.00	0.53	
235.00	1.53	
236.00	1.83	
237.00	1.61	
238.00	0.89	
239.00	0.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	1.81	
241.00	2.87	
242.00	4.81	
243.00	10.60	
244.00	11.60	
245.00	3.38	
246.00	2.23	
247.00	3.73	
248.00	8.85	
249.00	8.21	
250.00	5.92	
251.00	13.70	
252.00	5.89	
253.00	11.70	
254.00	3.27	
255.00	8.49	
256.00	14.20	
257.00	24.10	
258.00	4.52	EOH

KLAZA

Hole: DDH-KL-12-107 **Date:** August 14, 2012

Box #	From (m)	To (m)
1	0.00	8.70
2	8.70	14.48
3	14.48	20.11
4	20.11	26.70
5	26.70	31.21
6	31.21	37.69
7	37.69	42.26
8	42.26	47.80
9	47.80	53.41
10	53.41	59.07
11	59.07	64.60
12	64.60	69.98
13	69.98	75.67
14	75.67	81.05
15	81.05	87.58
16	87.58	92.14
17	92.14	97.40
18	97.40	103.05
19	103.05	108.63
20	108.63	114.36
21	114.36	119.95
22	119.95	125.52
23	125.52	131.21
24	131.21	136.77
25	136.77	142.34
26	142.34	147.86
27	147.86	153.56
28	153.56	159.25
29	159.25	164.87

KLAZA

30	164.87	170.52
31	170.52	176.26
32	176.26	181.97
33	181.97	187.42
34	187.42	193.15
35	193.15	199.04
36	199.04	204.80
37	204.80	210.35
38	210.35	215.95
39	215.95	221.78
40	221.78	227.39
41	227.39	233.09
42	233.09	239.65
43	239.65	244.28
44	244.28	249.88
45	249.88	256.10
46	256.10	258.47
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			381203.32	6889622.5	1283.97	230.43

SECTION:

HOLE: DDH-KL-12-108

CLAIM: YA93473

Contractor: Elite

Drill: 3

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 12th - Aug 14th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	52.26	52.26	GRD	Unaltered granodiorite with oxidation, phyllic vein envelopes, silica flooding, and significant rubble and gouge.
52.26	81.95	29.69	GRD	Weak-moderate argillic with significant rubble due to faulting and drilling.
81.95	107.37	25.42	GRD	Unaltered granodiorite with rare veinlets with weak phyllic envelopes.
107.37	111.75	4.38	FEL	Quartz feldspar porphyry dyke.
111.75	139.03	27.28	GRD	Weakly propyllitic granodiorite with phyllic vein envelopes, crosscut by quartz veins and aplite
139.03	159.63	20.60	GRD	Alternating patches of argillic and phyllic alteration.
159.63	161.27	1.64	GRD	Thick phyllic envelope around thick quartz veins.
161.27	215.84	54.57	GRD	Weakly propyllitic granodiorite with phyllic vein envelopes, crosscut by quartz veins and aplite
215.84	225.78	9.94	FEL	Quartz feldspar porphyry dyke.
225.78	230.43	4.65	GRD	Weakly propyllitic granodiorite with a phyllic-clay altered dyke selvedge, crosscut by several quartz
				EOH

SAMPLES

Numbers: N814860-N814986

Total: 127

Batch: 108-1 to 108-4

Date Sent:

Certificate:

COMMENTS

This hole is frequently rubbly and gouged. EOH @ 230.43m..

KLAZA

Hole: DDH-KL-12-108 **Logger Name:** Teresa Cruz **Date: August 20, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	52.56	52.56				mKgW	GRD	MG	MD	GY	XL	3I	2I	PHC	2I			LI	8.00		Unaltered granodiorite with phyllic vein envelopes on crosscutting quartz veins that grade out into argillic. Patchy silica flooding. Interval is host to several faults, with significant rubble and gouge sections. Crosscut by occasional carbonate veinlets.
									LT	OR	RB			ARG	2I						
			0.00	5.70	5.70	mKgW	GRD	MG	MD	GY	XL	4I						LI	8.00		Very rubbly and oxidized granodiorite. Strong limonite presence on fracture faces.
									LT	OR	RB										
			7.06	8.67	1.61	mKgW	GRD	MG	MD	BN	XL	3I	4I					LI	6.00		Strongly silica flooded granodiorite, turned orange-brown by oxide staining.
									LT	OR	FL										
			14.07	16.08	2.01	mKgW	GRD	MG	MD	GN	FR	4I		ARG	3I			LI	8.00		Moderate argillic granodiorite with strong oxide staining and weak clay alteration, crosscut by unmineralized quartz veinlets.
									LT	OR				CLY	2I						
			18.13	22.48	4.35	mKgW	GRD	MG	MD	GY	GO	3I	3I	ARG	2I						Dominantly argillic granodiorite with silica flooding from crosscutting quartz veinlets and moderate oxidation. Interval is fractured, with a short interval of gouge. Silica flooded section is heavily oxide stained to a homogeneous brown.
									LT	OR	FR										
			23.40	26.40	3.00	mKgW	GRD	MG	LT	GN	FR	3I		PHC	2I			LI	8.00		Weakly phyllic granodiorite that grades outward into argillic with increasing distance from the vein. Crosscut by quartz veinlets and a pink aplite dyke.
														ARG	1I						
			30.49	31.34	0.85	mKgW	GRD	MG	LT	GN	XL	2I		PHC	2I			LI	5.00		Weak phyllic granodiorite with weak argillic at each end of the interval. Two 10-15cm fault zones that are rubbly. Moderate orange oxide staining on fracture faces. Crosscut by white quartz veins.
										BN											
			35.69	36.23	0.54	mKgW	GRD	MG	LT	GN		2I		PHC	2I			LI	5.00		Weak phyllic granodiorite with weak argillic at each end of the interval. Two 10-15cm fault zones that are rubbly. Moderate orange oxide staining on fracture faces. Crosscut by white quartz veins.
										OR											
			38.05	40.67	2.62	mKgW	GRD	MG	LT	GN	FR	3I		PHC	2I			LI	8.00		Weak phyllic granodiorite weak argillic at the ends of the interval. Two 10-15cm fault zones that are rubbly. Moderate orange oxide staining on fracture faces. Crosscut by white quartz veins.
										OR				ARG	2I						
52.26	81.95	29.69				mKgW	GRD	MG	MD	GN	PA			ARG	3I						Moderate-weak argillic with patchy propyllitic and phyllic vein envelopes. Rubble due to faulting and drilling. Crosscut by quartz-carbonate veinlets.
										PK	RB			PHC	2I						
														PRO	2I						
			52.26	56.53	4.27	mKgW	GRD	MG	MD	GN	PA			ARG	3I						Alternating patches of phyllic and argillic with increasing distance from the quartz veins.
									LT	PK				PHC	2I						
			56.53	59.12	2.59	mKgW	GRD	MG	MD	GN				PRO	1I						Weak propyllitic overprinting by weak potassic granodiorite, crosscut by white quartz-calcite veinlets and stringers.
										PK				POT	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			59.12	60.88	1.76	mKgW	GRD	MG	MD	GN				PHC	3I						Phyllic vein envelope, grading into argillic with distance from the crosscutting quartz veins.
									LT	PK				ARG	2I						
			60.88	62.79	1.91	mKgW	GRD	MG	MD	GN	XL			PRO	2I			TO	3.00		Weak propyllitic granodiorite with crosscutting quartz-carbonate stringers. Rubbly.
										GY											
			62.79	63.88	1.09	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate-weak argillic granodiorite with narrow weak phyllic vein envelopes on crosscutting quartz veins.
										PK				PHC	2I						
			63.88	66.10	2.22	mKgW	GRD	MG	MD	GN	XL			PRO	2I						Weak propyllitic granodiorite with crosscutting quartz-carbonate stringers. Rubbly.
										PK	RB										
			66.10	71.39	5.29	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic overprinted by moderate argillic, resulting in a green-pink mottled colour. Crosscut by quartz veinlets.
										PK	PA			ARG	3I						
			71.39	73.71	2.32	mKgW	GRD	MG	MD	GN	XL			ARG	3I	1.00					Moderate argillic with phyllic vein envelopes on many crosscutting veins and veinlets.
									LT	GY	RB			PHC	3I						
			73.71	81.95	8.24	mKgW	GRD	MG	MD	GN	XL			ARG	3I	1.00		GN	1.00		Thick vein zone of argillic granodiorite with phyllic envelopes on many crosscutting mineralized quartz veins and veinlets. Short gouged and clay altered zone (73.76-75.43m). Several veins are thick and rich in sulphides.
										GY				PHC	3I						
														CLY	2I						
81.95	107.37	25.42				mKgW	GRD	MG	MD	GY	XL			PHC	1I						Unaltered granodiorite with rare quartz veinlets with weak phyllic envelopes.
											RB										
107.37	111.75	4.38				LKqP	FEL	FG	MD	BN	PO			SER	1I						Fine grained quartz feldspar porphyry dyke with quartz and feldspar phenocrysts between 0.05-1.0cm diameter. Crosscut by white calcite veinlets.
										GY											
111.75	139.03	27.28				mKgW	GRD	MG	MD	GY	XL			PRO	2I						Weakly propyllitic granodiorite with gradational phyllic-argillic vein envelopes. Crosscut by several prominent mineralized quartz veins and aplite dykes. Hosts a gouged-rubble zone.
										GN	RB										
			111.75	113.86	2.11	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic overprinted by weak phyllic. Generally, an unmineralized dyke selvedge, crosscut by occasional quartz-carbonate veinlets.
										GN	RB			PHC	2I						
			119.18	122.08	2.90	mKgW	GRD	MG	MD	GY	GO			PHC	3I						Moderate phyllic grading into weak argillic that has been faulted and gouged. Now shows moderate rubble development and clay alteration, crosscut by mineralized quartz veins.
									LT	GN	RB			ARG	2I						
											FT			CLY	3I						
139.03	153.46	14.43				mKgW	GRD	MG	MD	GY	XL			ARG	4I						Frequently alternating patches of argillic and phyllic, with occasional overprinting. Mottled green-pink colouration is typical, and interval is rubbly-gouged in some places.
									LT	GN	RB			PHC	2I						
										PK	PA			PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
			139.03	141.12	2.09	mKgW	GRD	MG	LT	PK	XL										Phyllic granodiorite with patchy overprinting of argillic, crosscut by mineralized quartz veins and veinlets.
										GN				ARG	3I						
			141.12	148.72	7.60	mKgW	GRD	MG	LT	GN	XL			PHC	2I						Weak green phyllic granodiorite with crosscutting quartz veinlets and gouge.
											GO										
			148.72	153.46	4.74	mKgW	GRD	MG	MD	PK	XL			ARG	2I						Weak argillic with very weak propyllitic.
										GN	RB			PRO	1I						
153.46	159.63	6.17				mKgW	GRD	MG	MD	PK	XL			ARG	3I						Mottled green-pink due to overprinting of argillic and propyllitic. Rubbly due to bit change and reaming.
									LT	GN	RB			PRO	2I						
159.63	161.27	1.64				mKgW	GRD	MG	MD	GY				PHC	2I						Thick phyllic envelope around several thick quartz veins, grading outwards into argillic granodiorite.
									LT	GN				ARG	2I						
161.27	215.84	54.57				mKgW	GRD	MG	MD	GY	PA			PRO	2I						Weakly propyllitic granodiorite with patchy argillic-phyllic vein envelopes, around three prominent quartz veins. Occasional patches of potassic alteration.
										GN	RB			ARG	2I						
														PHC	2I						
														POT	1I						
			165.33	168.15	2.82	mKgW	GRD	MG	MD	PK	XL			PHC	2I						Phyllic vein envelope around 3 significant quartz veins, grading out into argillic. Gouged from 168.20-168.46m.
									LT	GN	GO			ARG	2I						
														CLY	2I						
			179.48	184.34	4.86	mKgW	GRD	MG	LT	PK	XL			PHC	2I						Phyllic vein envelope that grades out into argillic. Gouged and clay altered at 179.55-181.97m. Crosscut by white-cream-grey quartz veinlets
										GN	GO			ARG	2I						
														CLY	2I						
			193.71	194.16	0.45	mKgW	GRD	MG	MD	PK	XL			ARG	3I						Argillic granodiorite.
										WH											
			196.31	201.34	5.03	mKgW	GRD	MG	LT	PK	XL			PHC	2I						Weak phyllic granodiorite crosscut by several mineralized quartz veinlets. Heavily gouged and clay altered.
										WH				CLY	3I						
			201.34	203.90	2.56	mKgW	GRD	MG	MD	GY	GO			CLY	4I						Extremely clay altered granodiorite.
									LT												
			215.21	215.84	0.63	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Moderate phyllic granodiorite with weak clay alteration. Weakly mineralized dyke selvedge hosting 4 quartz veinlets.
										GN				CLY	2I						
215.84	225.78	9.94				LKqP	FEL	FG	MD	GY	PO			SER	2I						Quartz feldspar porphyry dyke with sericite altered feldspar phenocrysts ranging from 0.1mm-3mm in diameter, showing little-no elongation or flow banding. Dyke is gouged in short intervals.
									LT	TN				CLY	2I						
225.78	230.43	4.65				mKgW	GRD	MG	MD	GY	XL			PRO	2I						Weak propyllitic granodiorite with phyllic-clay altered dyke selvedge. Crosscut by mineralized quartz veinlets.
										GN				CLY	2I						
			225.78	227.27	1.49	mKgW	GRD	MG	MD	GY				PHC	2I						Weak-moderate phyllic with moderate clay alteration in dyke selvedge. Crosscut by several mineralized quartz veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
										GN				CLY	3I						
																					EOH @230.43m

KLAZA

Hole: DDH-KL-12-108 Logger Name: Teresa Cruz Date: August 20, 2012

Depth (m)		DESCRIPTION
81.95		Abrupt 75 degrees TCA contact between HW granodiorite and FW quartz feldspar porphyry dyke with a narrow (0.3cm) chill margin in the FW.
111.75		Abrupt 60 degree TCA contact between HW quartz feldspar porphyry dyke and FW granodiorite with a 5cm chill margin and breccia zone.
215.84		Sharp 90 degree clay altered contact between HW phyllic granodiorite and FW quartz feldspar porphyry dyke. HW is weakly mineralized, and FW is gouged-clay altered for 23cm.
225.78		Weakly blended (over 5mm) 70 degree contact between HW quartz feldspar porphyry dyke and FW phyllic granodiorite, with mineralized dyke selvedge and
		EOH

KLAZA

Hole: DDH-KL-12-108 **Logger Name:** Teresa Cruz **Date:** August 20, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
FT	12.07	12.35	35.00			LI	12.00	Friable crumbled fault zone.	
VN	15.22	15.46	45.00		2.00	LI	10.00	White quartz veins that brecciated argillic granodiorite.	
VT	18.21	18.23	25.00					Moderately gouged white quartz veinlet with orange oxide staining.	
GO	20.31	20.75	30.00			LI	20.00	Moderate weakly gouged orange oxide stained granodiorite.	
GO	24.81	24.85	60.00					Strongly gouged white quartz vein.	
VT	29.63	29.64	45.00			HE	15.00	Banded orange oxide stained white quartz veinlet with red hematite.	
VT	30.56	30.57	30.00					White banded quartz-calcite veinlet.	
VN	31.07	31.10	30.00					Cream banded chalcedony vein with white calcite filling vugs.	
VN	35.72	35.74	35.00					Vuggy-banded milky quartz vein with white translucent coarse grained crystalline quartz at the centre.	
FT	38.05	38.15	45.00					Friable fault zone in argillic granodiorite.	
FT	38.45	38.61	35.00					Fault zone with strong oxide and clay alteration.	
VN	39.87	40.13	65.00		2.00			White quartz-carbonate veinlets.	
VN	46.13	46.20	35.00					Grey-white blended-massive quartz vein with small (<1mm) clasts of unaltered granodiorite.	
VN	59.39	59.40	45.00			PY	2.00	Cream-grey banded quartz vein with disseminated pyrite hosted along bands.	
VN	63.25	63.30	60.00					Milky-grey opaque banded quartz vein crosscut by white massive calcite veinlets.	
VN	63.45	63.48	60.00					White-milky weakly crustiform quartz vein.	
VN	64.40	64.42	60.00			PY	8.00	White-smoky semitranslucent quartz vein with blebby pyrite hosted in the smoky quartz.	
VT	66.42	68.27	50.00		10.00	PY	8.00	White-grey banded quartz veinlets hosting disseminated pyrite.	
VT	68.79	71.76	50.00					White-cream banded quartz-chalcedony veinlets.	
FT	71.93	72.27	30.00					Friable, clay-rich fault zone.	
VN	72.54	73.59	70.00		3.00	PY	3.00	Three banded white-cream-grey quartz veins showing weak clay alteration, hosting disseminated pyrite along band margins and within grey quartz.	
VN	73.75	73.78	40.00			PY	8.00	Milky massive quartz vein with smoky quartz stringer adjacent and crosscutting. Smoky quartz hosts disseminated-blebby pyrite and chalcopyrite.	
						CP	5.00		
FT	73.78	75.44	50.00			PY	3.00	Faulted and gouged interval of phyllic granodiorite with moderate clay alteration. Crosscut by mineralized quartz veins/veinlets, hosting pyrite. Vein structure/textures are difficult to determine due to faulting.	
ST	75.44	76.73	60.00		20.00	PY	10.00	Many cream-grey-smoky quartz stringers, oriented at an average angle of 60 degree, ranging between 40-90 degrees. Quartz stringers are generally discontinuous, massive, with weak clay alteration. Hosts disseminated pyrite.	
VN	75.76	75.88	40.00			PY	8.00	Thick crustiform-vuggy quartz vein. Hosts a 1.5cm veinlet of zoned honey brown sphalerite and blebby galena on the uphole border, and a higher concentration of blebby-massive galena with blebby honey brown zoned sphalerite near the uphole border. Disseminated-blebby pyrite is hosted throughout.	
						SP	15.00		
						GN	12.00		
VN	76.28	76.39	80.00		2.00	PY	10.00	Two 3cm and 6cm thick white massive-vuggy quartz veins with large vugs filled by yellow-massive calcite. Vugs are lined by cream comb quartz and cream-yellow mossy quartz.	x
						GN	15.00		
VN	76.85	76.95	45.00			PY	8.00	Thick quartz vein with 1.5-2cm white translucent comb quartz along the uphole border, while the rest of the vein is white-yellow mossy quartz, crosscut by vuggy cream chalcedony veinlets. Hosts interstitial blebby pyrite, chalcopyrite, honey brown sphalerite, and galena.	x
						GN	8.00		
						SP	4.00		
						CP	6.00		
VN	77.03	77.17	60.00			PY	8.00	Vuggy-mossy white-cream-yellow quartz vein hosting disseminated pyrite and honey brown sphalerite throughout. Blebby-massive galena is hosted along the up and down hole borders. Blebby pyrite is hosted in the galena masses. Some large vugs are filled by white calcite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						SP	3.00		
						GN	20.00		
VN	78.10	78.12	60.00			PY	20.00	White semitranslucent quartz vein hosting blebby interstitial pyrite.	
VT	78.37	78.38	70.00					White-pink weakly banded quartz veinlet.	
VN	78.63	78.65	75.00			PY	6.00	White-grey semitranslucent quartz vein hosting blebby galena and pyrite	
						GN	10.00		
VT	79.56	79.57	65.00			PY	15.00	Cream-orange vuggy quartz veinlet with disseminated-blebby pyrite.	
GO	79.62	79.80	40.00			PY	3.00	Moderate-weak gouged phyllic argillic hosting disseminated pyrite.	
GO	80.62	80.72	35.00					Weakly gouged massive white-grey quartz vein.	
FT	82.43	86.36	70.00					Thick, friable fault zone.	
VN	87.72	87.75	60.00					White massive-banded quartz vein with parallel cream-pink crustiform-vuggy chalcedony veinlet.	
VN	88.16	88.18	90.00			HE	20.00	White semitranslucent quartz vein with red hematite staining.	
VT	88.25	88.26	75.00					Vuggy-banded milky-cream quartz veinlet.	
VN	89.60	89.61	75.00					White-cream semitranslucent quartz-calcite vein.	
VT	92.01	92.02	45.00					White-cream massive quartz-calcite veinlet.	
VT	94.20	94.21	80.00					White massive quartz-calcite veinlet.	
VT	98.44	98.45	75.00					White-grey weakly banded quartz veinlet.	
DY	107.37	108.07	50.00		4.00			Four thin quartz feldspar porphyry dyke offshoots that brecciate propyllitic granodiorite into 5mm subrounded clasts. Dyke widths as follows: 3cm, 2.5cm, 1cm, 1.5cm.	
VT	108.71	110.03	25.00		9.00			White calcite veinlets, typically massive.	
DY	111.97	112.01	45.00					Red-maroon porphyry dyke offshoot, breccia phyllic granodiorite into angular clasts.	
DY	113.72	113.80	60.00					Red-maroon porphyry dyke offshoot, breccia phyllic granodiorite into angular clasts.	
DY	114.28	114.31	50.00			HE	10.00	Red-maroon porphyry dyke offshoot, breccia phyllic granodiorite into angular clasts, crosscut by a 30 degree white massive calcite veinlet.	
VT	115.34	117.70	45.00		12.00			Twelve evenly spaced white quartz stringers with orange-coral pink potassic envelopes approximately 3mm wide.	
DY	118.41	118.44	60.00					Pink-orange (coral) fine-grained aplite dyke.	
BX	119.38	119.45	70.00			PY	15.00	Grey translucent quartz vein brecciating phyllic-argillic granodiorite. Hosts blebby-disseminated pyrite and chalcopyrite.	
						CP	8.00		
GO	119.45	120.34	70.00			PY	5.00	Weakly gouged and clay altered argillic-phyllic granodiorite, with stronger clay development on crosscutting quartz veins with disseminated pyrite.	
GO	121.35	121.78	65.00			PY	3.00	Moderately gouged phyllic granodiorite crosscut by grey quartz veinlets with disseminated pyrite.	
VN	121.78	121.85	75.00			PY	10.00	White semitranslucent quartz vein that brecciates a smoky quartz vein. Angular clasts range from 1mm-2cm diameter and host disseminated-blebby pyrite.	X
VN	125.02	125.04	80.00					Pink quartz vein with central white massive calcite veinlet.	
VT	126.08	126.09	55.00			PY	5.00	Banded-weakly clay altered white-grey quartz veinlet with disseminated-blebby pyrite.	
VT	127.32	131.18	70.00			PY	3.00	White-dark grey massive quartz veinlets with thin argillic-phyllic envelopes, hosting disseminated pyrite.	
VN	132.83	132.86	70.00			PY	5.00	White semitranslucent massive-crackled quartz vein, with smoky quartz infilling cracks, bringing in disseminated pyrite.	
VT	134.32	134.33	60.00					White massive semitranslucent quartz vein.	
VN	136.86	136.89	65.00					Pink-cream massive chalcedony vein.	
VT	139.08	139.25	55.00		4.00	PY	2.00	White-grey weakly banded semitranslucent quartz veinlets with disseminated pyrite.	
VN	139.52	139.54	60.00			PY	2.00	White-grey weakly gouged quartz vein, with banding and interstitial calcite. Hosts disseminated pyrite.	
VN	139.90	139.97	80.00		2.00	HE	15.00	Two white massive quartz-calcite veins with red hematite staining	
GO	141.21	142.08	70.00			PY	5.00	Weakly gouged phyllic granodiorite with ten sulphide-bearing quartz veinlets that have been altered beyond description.	
VT	142.32	143.03	60.00		9.00	PY	5.00	Banded white-dark grey quartz veinlets with disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	143.67	143.89	50.00		2.00	PY	10.00	White-smoky banded quartz veinlets hosting disseminated pyrite.	
FT	144.15	145.39	40.00			PY	1.00	Rubbly-gouged fault zone, crosscut by few sulphide-hosting dark grey quartz veinlets.	
VT	145.54	146.71	65.00		12.00	PY	6.00	Evenly spaced banded white-smoky quartz veinlets hosting disseminated pyrite.	
VT	148.58	148.66	85.00		3.00	PY	6.00	Banded white-grey quartz veinlets with disseminated pyrite.	
VN	151.70	151.71	40.00					White-cream semitranslucent quartz vein	
VN	153.22	153.24	80.00					White-cream semitranslucent banded quartz vein.	
VN	156.04	156.05	85.00					White-cream semitranslucent banded quartz vein.	
VN	157.58	157.60	10.00			PY	3.00	Long, low angle, banded medium-dark grey quartz vein that has been fractured. Hosts disseminated pyrite and red hematite.	
						HE	8.00		
VN	158.00	158.28	15.00			PY	15.00	Rubbly (entirely cobble-sized) broken smoky quartz vein hosting disseminated pyrite and pyrite stringers.	
VT	177.15	177.21	75.00		2.00	PY	3.00	Clay altered white-grey quartz veinlets hosting disseminated pyrite.	
GO	178.25	178.40	45.00					Moderately gouged phyllic granodiorite crosscut by strongly clay altered quartz veinlets.	
GO	178.78	178.92	60.00			PY	6.00	Weakly gouged phyllic vein envelope, with grey-smoky banded quartz vein with pyrite stringers.	
DY	179.11	179.13	45.00					Coral pink-orange aplite dyke.	
GO	179.67	181.32	60.00					Thick interval of moderate gouge.	
VT	182.85	183.18	75.00		3.00			Three cream banded quartz-chalcedony veinlets.	
VT	183.33	183.34	90.00			PY	5.00	Grey strongly clay altered quartz veinlet with disseminated pyrite.	
VT	183.56	183.61	80.00			PY	10.00	Branching grey-smoky quartz veinlet with weak clay alteration and disseminated-blebby pyrite.	
GO	184.13	184.27	50.00					Moderate gouged argillic-phyllic granodiorite.	
VN	185.62	185.65	80.00			PY	3.00	Banded white-grey-cream quartz vein with disseminated pyrite.	
VN	186.26	186.28	75.00			PY	8.00	Banded-semi massive white-cream quartz-chalcedony vein hosting blebby-disseminated interstitial pyrite and galena.	
						GN	6.00		
VT	188.78	188.95	70.00		4.00			Four weakly banded white semitranslucent quartz veinlets.	
VN	193.06	193.10	70.00			PY	4.00	Semi massive grey quartz vein brecciated by white massive calcite veinlets, hosting pyrite stringers.	
VN	195.20	195.27	60.00			PY	15.00	Moderately-weakly clay altered grey-white quartz vein hosting disseminated-blebby pyrite.	
VN	195.43	195.49	75.00			PY	10.00	White semitranslucent crystalline quartz vein hosting interstitial disseminated-blebby pyrite, blackjack sphalerite, and galena.	
						SP	20.00		
						GN	2.00		
VT	195.64	195.70	80.00		2.00	PY	10.00	Two grey massive quartz veinlets hosting blebby pyrite and honey brown sphalerite.	
						SP	15.00		
VN	195.98	197.00	90.00			PY	8.00	White translucent massive quartz vein crosscut by cream vuggy chalcedony veinlet. Hosts interstitial disseminated-blebby pyrite, honey brown sphalerite, and galena.	
						SP	10.00		
						GN	2.00		
GO	196.78	201.28	40.00					Moderate-strongly gouged argillic-phyllic granodiorite crosscut by mineralized quartz veins.	
VN	197.07	197.10	50.00					White-milky massive quartz-carbonate vein.	
VN	200.84	200.87	30.00					Grey massive opaque quartz vein with moderate gouge	
BX	201.34	201.40	60.00			PY	6.00	Propyllitic granodiorite with blebby pyrite brecciated by gouge.	
VT	204.90	204.91	75.00					White massive calcite vein.	
BX	205.12	205.17	40.00			PY	10.00	Medium grey quartz brecciating granodiorite subrounded clasts (0.5mm-1mm) that have been partially replaced by pyrite.	
VT	207.04	207.05	90.00			PY	3.00	White-smoky banded quartz veinlet with disseminated pyrite.	
VN	208.40	208.51	85.00		3.00	PY	6.00	Three grey-pink-cream massive semitranslucent quartz veins hosting disseminated pyrite.	
VN	208.93	208.97	80.00			PY	7.00	Grey translucent quartz vein that brecciated phyllic granodiorite, crosscut by grey-cream quartz veinlets, white massive calcite veinlet, and cream crustiform chalcedony veinlet. Hosts disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	215.62	215.83	80.00		3.00	PY	10.00	Three smoky quartz veinlets hosting disseminated pyrite.	
VN	215.69	215.71	75.00			PY	2.00	Massive white semitranslucent quartz vein with central grey quartz veinlet. Hosts disseminated pyrite.	
GO	225.78	227.27	60.00			PY	3.00	Weak-moderate gouged dyke selvedge.	
VT	225.78	227.27	45.00		8.00	PY	6.00	Thin, massive grey quartz veinlets with disseminated pyrite, many are obscured by gouge processes.	
VT	227.34	228.55	65.00		5.00	HE	10.00	5 white quartz veinlets with red hematite staining along the central axis and yellow calcite along the outer borders.	
VN	228.26	228.30	80.00			HE	10.00	White semitranslucent massive-cream quartz vein with calcite infilling the cracks. Smoky quartz and red hematite is interstially hosted.	
								EOH	

KLAZA

Hole: DDH-KL-12-108 **Date: August 20, 2012**

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
24.91	1580	1725	397.1	missed	GRD	XL	PHC	2I			2.738621	missed	Weak phyllic with oxide-staind fracture faces.
							OXI	2I					
29.19	1576	1705	344.4	missed	GRD	XL					2.669767	missed	Unaltered granodiorite.
62.96	1574	1750	440.3	missed	GRD	XL	ARG	3I			2.501705	missed	Moderate argillic granodiorite.
76.32	1615	1814	594.9	398.2	GRD	XL	PHC	2I	PY	8	2.989447	3.024403	Moderate propyllitic-phyllic granodiorite crosscut by a quartz vein hosting pyrite and galena
							PRO	3I	GN	10			
76.75	1612	1752	445.4	302	VEN	XL			PY	6	3.181429	3.105997	Vuggy-comb-mossy quartz vein hosting pyrite, galena, and chalcopyrite.
									GN	8			
									CP	5			
Calibration			2001.6										Calibration test with a 2.0kg mass.
108.38	1610	1739	337.9	210.3	FEL	PO					2.61938	2.648119	Quartz feldspar porphyry dyke.
121.78	1608	1780	482.7	310.7	VEN	XL			PY	8	2.806395	2.806395	White-smoky quartz vein/breccia hosting disseminated-blebby pyrite.
													EOH

KLAZA

Hole: DDH-KL-12-108 **Date: August 20, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
11.78	14.07	2.29	2.00	87.3	N814860	1				Rubble
14.07	16.08	2.01	1.84	91.5	N814861	1				
16.08	17.71	1.63	1.51	92.6	N814862	1				
17.71	19.40	1.69	1.46	86.4	N814863	1				
19.40	21.00	1.60	1.51	94.4	N814864	1				
21.00	23.41	2.41	2.21	91.7	N814865	1				
					N814866	1				KLAZA STD-3
23.41	26.41	3.00	2.80	93.3	N814867	1				
26.41	27.41	1.00	0.99	99	N814868	1				
					N814869	1				QUARTER DUPLICATE
27.41	29.57	2.16	2.11	97.7	N814870	1				
29.57	32.61	3.04	2.98	98	N814871	1				
32.61	35.66	3.05	2.71	88.9	N814872	1				
35.66	36.83	1.17	0.89	76.1	N814873	1				Rubble
					N814874	1				BLANK
36.83	38.03	1.20	0.86	71.7	N814875	1				Rubble
38.03	40.70	2.67	2.47	92.5	N814876	1				
40.70	41.76	1.06	1.06	100	N814877	1				
41.76	44.81	3.05	2.42	79.3	N814878	1				Rubble
					N814879	1				KLAZA STD-3
44.81	47.85	3.04	2.30	75.7	N814880	1				
47.85	50.90	3.05	2.80	91.8	N814881	1				
50.90	53.16	2.26	2.01	88.9	N814882	1				
53.16	54.32	1.16	1.16	100	N814883	1				
54.32	56.49	2.17	1.76	81.1	N814884	1				
56.49	57.53	1.04	1.01	97.1	N814885	1				
					N814886	1				COARSE REJECT DUPLICATE
57.53	59.11	1.58	1.37	86.7	N814887	1				
59.11	60.28	1.17	1.05	89.7	N814888	1				
					N814889	1				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
60.28	62.79	2.51	2.15	85.7	N814890	1				
62.79	63.96	1.17	1.08	92.3	N814891	1				Bit change and remaining.
63.96	66.14	2.18	1.68	77.1	N814892	1				
66.14	67.25	1.11	1.11	100	N814893	1				
67.25	69.19	1.94	1.94	100	N814894	1				
69.19	72.24	3.05	2.86	93.8	N814895	1				
72.24	73.71	1.47	1.43	97.3	N814896	2				
73.71	75.44	1.73	1.40	80.9	N814897	2				
75.44	77.09	1.65	1.65	100	N814898	2				
					N814899	2				BLANK
77.09	78.15	1.06	1.00	94.3	N814900	2				
78.15	79.62	1.47	1.45	98.6	N814901	2				
79.62	81.38	1.76	1.59	90.3	N814902	2				
81.38	83.38	2.00	1.79	89.5	N814903	2				
83.38	84.43	1.05	0.97	92.4	N814904	2				
84.43	86.71	2.28	1.84	80.7	N814905	2				
86.71	87.79	1.08	1.08	100	N814906	2				
87.79	90.53	2.74	2.51	91.6	N814907	2				
90.53	93.57	3.04	2.84	93.4	N814908	2				
					N814909	2				COARSE REJECT
93.57	96.62	3.05	2.54	83.3	N814910	2				
					N814911	2				KLAZA STD-2
96.62	99.67	3.05	2.65	86.9	N814912	2				
99.67	102.72	3.05	2.35	77	N814913	2				
102.72	105.77	3.05	2.66	87.2	N814914	2				
105.77	108.38	2.61	2.16	82.8	N814915	2				
108.38	110.13	1.75	1.73	98.9	N814916	2				
					N814917	2				QUARTER DUPLICATE
110.13	111.70	1.57	1.57	100	N814918	2				
111.70	113.23	1.53	1.47	96.1	N814919	2				
					N814920	2				KLAZA STD-2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
113.23	114.91	1.68	1.49	88.7	N814921	2				
114.91	117.96	3.05	2.90	95.1	N814922	2				
117.96	119.20	1.24	1.16	93.5	N814923	2				
119.20	120.35	1.15	1.15	100	N814924	2				
					N814925	2				BLANK
120.35	121.89	1.54	1.52	98.7	N814926	2				
121.89	124.05	2.16	2.04	94.4	N814927	2				
124.05	127.10	3.05	3.00	98.4	N814928	2				
127.10	129.00	1.90	1.90	100	N814929	2				
129.00	131.23	2.23	2.21	99.1	N814930	2				
131.23	132.73	1.50	1.44	96	N814931	2				
132.73	134.36	1.63	1.62	99.4	N814932	3				
134.36	136.25	1.89	1.81	95.8	N814933	3				
					N814934	3				QUARTER DUPLICATE
136.25	137.90	1.65	1.65	100	N814935	3				
137.90	139.02	1.12	1.12	100	N814936	3				
139.02	141.07	2.05	2.05	100	N814937	3				
141.07	143.00	1.93	1.77	91.7	N814938	3				
143.00	144.12	1.12	1.12	100	N814939	3				
144.12	146.71	2.59	2.33	90	N814940	3				
146.71	148.80	2.09	2.08	99.5	N814941	3				
148.80	151.49	2.69	2.62	97.4	N814942	3				
151.49	153.27	1.78	1.48	83.1	N814943	3				
153.27	154.53	1.26	1.16	92.1	N814944	3				
					N814945	3				KLAZA STD-3
154.53	157.00	2.47	2.33	94.3	N814946	3				
157.00	158.33	1.33	1.15	86.5	N814947	3				
158.33	159.82	1.49	1.27	85.2	N814948	3				
159.82	160.90	1.08	1.07	99.1	N814949	3				
160.90	163.68	2.78	2.75	98.9	N814950	3				
					N814951	3				KLAZA STD-2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
163.68	166.73	3.05	2.88	94.4	N814952	3				
166.73	168.17	1.44	1.42	98.6	N814953	3				
					N814954	3				BLANK
168.17	169.77	1.60	1.60	100	N814955	3				
169.77	172.82	3.05	2.96	97	N814956	3				
172.82	175.87	3.05	2.64	86.6	N814957	3				
175.87	177.11	1.24	0.98	79	N814958	3				
					N814959	3				COARSE REJECT DUPLICATE
177.11	179.34	2.23	1.83	82.1	N814960	3				
179.34	181.97	2.63	1.84	70	N814961	3				
181.97	183.69	1.72	1.69	98.3	N814962	3				
					N814963	3				BLANK
183.69	185.01	1.32	1.01	76.5	N814964	3				
185.01	186.34	1.33	1.27	95.5	N814965	3				
186.34	188.06	1.72	1.51	87.8	N814966	3				
188.06	191.11	3.05	2.47	81	N814967	3				
191.11	193.89	2.78	2.57	92.4	N814968	4				Batch 4 samples are mostly rubbly and gouged.
193.89	195.37	1.48	1.47	99.3	N814969	4				
195.37	196.71	1.34	1.21	90.3	N814970	4				
196.71	199.04	2.33	1.95	83.7	N814971	4				
					N814972	4				BLANK
199.04	201.25	2.21	1.85	83.7	N814973	4				
201.25	203.87	2.62	1.90	72.5	N814974	4				
203.87	206.35	2.48	2.13	85.9	N814975	4				
206.35	209.40	3.05	2.88	94.4	N814976	4				
209.40	212.45	3.05	2.65	86.9	N814977	4				
212.45	214.84	2.39	2.11	88.3	N814978	4				
214.84	215.84	1.00	0.95	95	N814979	4				
215.84	218.54	2.70	2.61	96.7	N814980	4				
					N814981	4				KLAZA STD-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
218.54	221.59	3.05	2.77	90.8	N814982	4				
221.59	224.64	3.05	2.79	91.5	N814983	4				
224.64	225.74	1.10	1.06	96.4	N814984	4				
225.74	227.59	1.85	1.74	94.1	N814985	4				
227.59	230.43	2.84	2.34	82.4	N814986	4				EOH

KLAZA

Hole: DDH-KL-12-108 **Tech Name:** **Date: August 20, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	1.52	29	0.10	2		1	1S	3W	
5.18	8.23	3.05	2.66	87	1.08	35		2	3S	3W	
8.23	11.28	3.05	2.52	83	1.15	38		2	3S	3W	
11.28	14.33	3.05	2.92	96	0.81	27		1	0S	4W	
14.33	17.37	3.04	2.76	91	1.72	57		2	1S	3W	
17.37	20.42	3.05	2.74	90	1.37	45		2	0S	3W	
20.42	23.47	3.05	2.89	95	0.53	17		1	0S	3W	
23.47	26.52	3.05	2.84	93	1.26	41		2	3S	2W	
26.52	29.57	3.05	2.92	96	1.90	62		2	1S	2W	
29.57	32.61	3.04	3.04	100	1.98	65		2	3S	2W	
32.61	35.66	3.05	2.80	92	1.58	52		2	3S	2W	
35.66	38.71	3.05	2.49	82	0.98	32		1	1S	3W	
38.71	41.76	3.05	2.89	95	1.56	51		1	0S	3W	
41.76	44.81	3.05	2.67	88	1.67	55		2	3S	2W	
44.81	47.85	3.04	2.53	83	0.51	17		2	1S	2W	
47.85	50.90	3.05	2.79	91	1.88	62		1	1S	2W	
50.90	53.95	3.05	2.85	93	1.24	41		1	1S	2W	
53.95	57.00	3.05	2.63	86	1.73	57		2	3S	2W	
57.00	60.05	3.05	2.68	88	1.61	53		2	3S	2W	
60.05	63.09	3.04	2.62	86	1.16	38		2	3S	2W	
63.09	66.14	3.05	2.48	81	0.73	24		1		2W	
66.14	69.19	3.05	2.92	96	1.96	64		2	3S	2W	
69.19	72.24	3.05	2.88	94	1.38	45		2	1S	2W	
72.24	75.29	3.05	2.68	88	0.52	17		1	0S	2W	
75.29	78.33	3.04	2.87	94	1.55	51		1	3S	2W	
78.33	81.38	3.05	2.82	92	0.60	20		1	1S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.51	82	0.22	7		1	0S	2W	
84.43	87.47	3.04	2.52	83	0.28	9		1	0S	2W	
87.47	90.53	3.06	2.78	91	1.15	38		2	3S	1W	
90.53	93.57	3.04	2.73	90	0.86	28		2	3S	1W	
93.57	96.62	3.05	2.45	80	0.89	29		2	3S	1W	
96.62	99.67	3.05	2.64	87	0.63	21		1	1S	2W	
99.67	102.72	3.05	2.43	80	0.48	16		2	3S	2W	
102.72	105.77	3.05	2.58	85	0.45	15		2	3S	2W	
105.77	108.81	3.04	2.59	85	1.04	34		2	1S	1W	
108.81	111.86	3.05	2.97	97	1.73	57		2	3S	1W	
111.86	114.91	3.05	2.87	94	1.66	54		2	3S	2W	
114.91	117.96	3.05	2.83	93	1.73	57		2	3S	1W	
117.96	121.01	3.05	2.90	95	1.37	45		1	0S	2W	
121.01	124.05	3.04	2.79	92	1.55	51		1	0S	3W	
124.05	127.10	3.05	2.86	94	1.20	39		2		1W	
127.10	130.15	3.05	2.93	96	1.31	43		2	3S	1W	
130.15	133.20	3.05	2.96	97	1.70	56		2	3S	1W	
133.20	136.25	3.05	2.94	96	0.70	23		2	3S	1W	
136.25	139.29	3.04	2.96	97	1.25	41		2	3S	1W	
139.29	142.34	3.05	2.98	98	0.85	28		1	3S	3W	
142.34	145.39	3.05	2.88	94	0.75	25		1	2S	4W	
145.39	148.44	3.05	2.89	95	1.20	39		2	3S	3W	
148.44	151.59	3.15	2.84	90	0.55	17		2	3S	1W	
151.59	154.53	2.94	2.75	94	0.22	7		2	1S	3W	
154.53	157.58	3.05	2.82	92	0.61	20		2	3S	3W	
157.58	160.63	3.05	2.85	93	0.55	18		2	4S	1W	
160.63	163.68	3.05	2.86	94	0.75	25		2	3S	1W	
163.68	166.73	3.05	2.75	90	0.24	8		2	3S	1W	
166.73	169.77	3.04	2.73	90	0.59	19		1	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.83	93	0.39	13		2	3S	1W	
172.82	175.87	3.05	2.43	80	0.48	16		1	3S	2W	
175.87	178.92	3.05	2.42	79	0.34	11		1	1S	2W	
178.92	181.97	3.05	2.29	75	0.21	7		1	1S	3W	
181.97	185.01	3.04	2.71	89	1.68	55		2	1S	2W	
185.01	188.06	3.05	2.92	96	1.53	50		2	3S	2W	
188.06	191.11	3.05	2.55	84	0.27	9		1	0S	2W	
191.11	194.16	3.05	2.92	96	1.25	41		2	1S	1W	
194.16	197.21	3.05	2.71	89	0.56	18		1	1S	2W	
197.21	200.25	3.04	2.24	74	0.72	24		1	1S	2W	
200.25	203.30	3.05	2.27	74	0.84	28		1	0S	3W	
203.30	206.35	3.05	2.58	85	0.63	21		1	0S	3W	
206.35	209.40	3.05	2.88	94	1.01	33		2	3S	2W	
209.40	212.45	3.05	2.56	84	0.34	11		2	0S	2W	
212.45	215.49	3.04	2.51	83	0.45	15		1	3S	2W	
215.49	218.54	3.05	2.91	95	1.50	49		2	1S	2W	
218.54	221.59	3.05	2.67	88	1.14	37		2	2S	2W	
221.59	224.64	3.05	2.68	88	1.19	39		2	3S	2W	
224.64	227.69	3.05	2.82	92	0.55	18		1	1S	2W	
227.69	230.43	2.74	2.17	79	0.64	23		1	1S	2W	
											EOH at 230.43m

KLAZA

Hole: DDH-KL-12-108 **Tech Name:** **Date: Au** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18							
5.18	8.23	3.05	35.00	0.07	0.00	2.00	3R	2W	
8.23	11.28	3.05	35.00	0.04	0.00	2.00	3R	2W	
11.28	14.33	3.05	40.00	0.12	0.00	1.00	2R	2W	
14.33	17.37	3.04	45.00	0.23	0.00	2.00	2R	2W	
17.37	20.42	3.05	45.00	0.08	0.00	3.00	2R	2W	
20.42	23.47	3.05	4.00	0.12	0.00	2.00	3R	2W	
23.47	26.52	3.05	65.00	0.15	0.00	2.00	3R	2W	
26.52	29.57	3.05	25.00	0.08	2.00	2.00	2R	2W	
29.57	32.61	3.04	40.00	0.07	0.00	2.00	3R	2W	
32.61	35.66	3.05	40.00	0.07	0.00	3.00	3R	2W	
35.66	38.71	3.05	40.00	0.14	0.00	2.00	3R	2W	
38.71	41.76	3.05	40.00	0.30	0.00	2.00	3R	2W	
41.76	44.81	3.05	30.00	0.06	0.00	2.00	3R	2W	
44.81	47.85	3.04							
47.85	50.90	3.05	50.00	0.16	0.00	2.00	2R	2W	
50.90	53.95	3.05							
53.95	57.00	3.05	25.00	0.18	0.00	2.00	3R	2W	
57.00	60.05	3.05	65.00	0.11	0.00	2.00	3R	2W	
60.05	63.09	3.04	50.00	0.09	0.00	1.00	2R	2W	
63.09	66.14	3.05							random fractures and rubble
66.14	69.19	3.05	40.00	0.50	0.00	3.00	3R	2W	
69.19	72.24	3.05	40.00	0.28	0.00	2.00	2R	2W	
72.24	75.29	3.05							random fractures
75.29	78.33	3.04							heavy gouge and random fractures
78.33	81.38	3.05	60.00	0.07	1.00	2.00	3R	2W	
81.38	84.43	3.05							rubble and gouge
84.43	87.47	3.04							rubble and gouge

KLAZA

87.47	90.53	3.06	45.00	0.15	0.00	2.00	3R	1W	
90.53	93.57	3.04	45.00	0.05	0.00	2.00	3R	2W	
93.57	96.62	3.05	15.00	0.03	0.00	2.00	3R	1W	
96.62	99.67	3.05							rubble and random fractures
99.67	102.72	3.05							rubble and random fractures
102.72	105.77	3.05							rubble and random fractures
105.77	108.81	3.04							rubble and random fractures
108.81	111.86	3.05							rubble and random fractures
111.86	114.91	3.05	70.00	0.10	0.00	2.00	3R	2W	
114.91	117.96	3.05	45.00	0.09	0.00	2.00	3R	1W	
117.96	121.01	3.05	50.00	0.24	0.00	1.00	2R	1W	
121.01	124.05	3.04	65.00	0.27	0.00	2.00	2R	1W	
124.05	127.10	3.05	65.00	0.30	0.00	1.00	2R	1W	
127.10	130.15	3.05	60.00	0.90	0.00	1.00	2R	1W	
130.15	133.20	3.05	5.00	1.12	0.00	1.00	2R	1W	
133.20	136.25	3.05	75.00	0.04	0.00	1.00	2R	1W	
136.25	139.29	3.04	70.00	0.09	0.00	1.00	2R	1W	
139.29	142.34	3.05	60.00	0.21	0.00	1.00	2R	1W	
142.34	145.39	3.05							
145.39	148.44	3.05	50.00	1.10	0.00	2.00	3R	2W	
148.44	151.59	3.15	50.00	0.09	0.00	1.00	2R	1W	
151.59	154.53	2.94							
154.53	157.58	3.05	70.00	0.04	0.00	1.00	2R	1W	
157.58	160.63	3.05							
160.63	163.68	3.05							
163.68	166.73	3.05							
166.73	169.77	3.04							
169.77	172.82	3.05	70.00	0.19	0.00	1.00	2R	1W	
172.82	175.87	3.05	70.00	0.06	0.00	2.00	3R	1W	
175.87	178.92	3.05							rubble
178.92	181.97	3.05							rubble
181.97	185.01	3.04	65.00	0.08	0.00	3.00	3R	2W	
185.01	188.06	3.05	75.00	0.07	0.00	2.00	3R	2W	
188.06	191.11	3.05	60.00	0.11	0.00	3.00	3R	2W	
191.11	194.16	3.05	75.00	0.30	0.00	2.00	3R	2W	
194.16	197.21	3.05	35.00	0.17	1.00	2.00	2R	2W	
197.21	200.25	3.04							gouge and rubble
200.25	203.30	3.05							gouge and rubble

KLAZA

203.30	206.35	3.05	60.00	0.10	0.00	2.00	2R	2W	gouge
206.35	209.40	3.05							random fractures
209.40	212.45	3.05							gouge and random fractures
212.45	215.49	3.04							rubble and random fractures
215.49	218.54	3.05							random fractures
218.54	221.59	3.05	30.00	0.03	0.00	2.00	3R	2W	
221.59	224.64	3.05	50.00	0.11	0.00	2.00	3R	2W	
224.64	227.69	3.05	65.00	0.04	0.00	2.00	3R	2W	
227.69	230.43	2.74	50.00	0.03	0.00	2.00	3R	2W	
									EOH at 230.43m

KLAZA

Hole: DDH-KL-12-108 Date: August 20, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00	7.85	
6.00	14.70	
7.00	0.98	
8.00	0.41	
9.00	4.75	
10.00	8.07	
11.00	8.58	
12.00	3.23	
13.00	15.30	
14.00	9.18	
15.00	0.34	
16.00	0.90	
17.00	3.99	
18.00	3.50	
19.00	0.65	
20.00	0.18	
21.00	2.07	
22.00	0.41	
23.00	5.69	
24.00	0.49	
25.00	0.84	
26.00	0.30	
27.00	15.40	
28.00	14.90	
29.00	15.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	10.30	
31.00	0.38	
32.00	6.84	
33.00	6.90	
34.00	16.30	
35.00	17.00	
36.00	0.69	
37.00	20.50	
38.00	7.88	
39.00	0.32	
40.00	1.20	
41.00	27.70	
42.00	28.40	
43.00	19.90	
44.00	25.70	
45.00	21.20	
46.00	0.60	
47.00	8.61	
48.00	27.20	
49.00	1.40	
50.00	8.01	
51.00	1.09	
52.00	0.88	
53.00	5.51	
54.00	0.34	
55.00	0.27	
56.00	0.26	
57.00	16.00	
58.00	31.70	
59.00	13.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	6.53	
61.00	33.50	
62.00	16.30	
63.00	0.57	
64.00	5.28	
65.00	4.07	
66.00	0.77	
67.00	0.67	
68.00	0.60	
69.00	9.28	
70.00	2.93	
71.00	20.30	
72.00	1.31	
73.00	0.36	
74.00	0.18	
75.00	0.20	
76.00	0.14	
77.00	0.41	
78.00	0.30	
79.00	2.21	
80.00	0.36	
81.00	1.27	
82.00	1.00	
83.00	8.03	
84.00	23.20	
85.00	32.30	
86.00	21.20	
87.00	23.10	
88.00	1.04	
89.00	26.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	23.90	
91.00	16.00	
92.00	3.54	
93.00	29.10	
94.00	25.90	
95.00	30.00	
96.00	19.50	
97.00	26.70	
98.00	25.60	
99.00	26.50	
100.00	13.60	
101.00	21.90	
102.00	27.40	
103.00	46.60	
104.00	25.70	
105.00	36.10	
106.00	21.80	
107.00	0.65	
108.00	11.80	
109.00	0.24	
110.00	0.43	
111.00	1.80	
112.00	1.55	
113.00	0.24	
114.00	5.96	
115.00	18.00	
116.00	6.37	
117.00	10.40	
118.00	8.87	
119.00	13.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.77	
121.00	1.74	
122.00	0.90	
123.00	10.10	
124.00	1.04	
125.00	0.53	
126.00	0.67	
127.00		
128.00	5.10	
129.00	0.57	
130.00	7.19	
131.00	2.78	
132.00	7.27	
133.00	1.31	
134.00	2.39	
135.00	5.74	
136.00	12.20	
137.00	6.66	
138.00	8.97	
139.00	8.48	
140.00	0.57	
141.00	0.33	
142.00	0.32	
143.00	0.96	
144.00	0.53	
145.00	1.16	
146.00	0.22	
147.00	0.32	
148.00	0.32	
149.00	0.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	2.15	
151.00	2.39	
152.00	2.50	
153.00	0.55	
154.00	3.97	
155.00	1.78	
156.00	0.92	
157.00	2.39	
158.00	0.30	
159.00	0.24	
160.00	0.22	
161.00	0.32	
162.00	12.40	
163.00	8.73	
164.00	6.17	
165.00	4.03	
166.00	1.96	
167.00	0.45	
168.00	0.36	
169.00	10.80	
170.00	7.42	
171.00	2.37	
172.00	14.70	
173.00	1.82	
174.00	3.62	
175.00	2.78	
176.00	16.70	
177.00	4.16	
178.00	3.40	
179.00	2.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.22	
181.00	1.90	
182.00	0.26	
183.00	0.32	
184.00	0.43	
185.00	0.22	
186.00	0.76	
187.00	9.49	
188.00	11.30	
189.00	9.02	
190.00	2.33	
191.00	1.98	
192.00	8.42	
193.00	1.08	
194.00	0.38	
195.00	0.36	
196.00	1.82	
197.00	0.47	
198.00	3.36	
199.00	0.28	
200.00	0.22	
201.00	0.82	
202.00	2.02	
203.00	4.83	
204.00	12.70	
205.00	6.78	
206.00	8.11	
207.00	5.14	
208.00	4.26	
209.00	0.77	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	1.78	
211.00	0.90	
212.00	1.70	
213.00	6.78	
214.00	1.45	
215.00	2.93	
216.00	0.34	
217.00	0.12	
218.00	0.12	
219.00	0.28	
220.00	0.14	
221.00	0.08	
222.00	0.12	
223.00	0.59	
224.00	0.12	
225.00	0.14	
226.00	0.32	
227.00	0.14	
228.00	0.41	
229.00	0.55	
230.00	3.42	
		EOH at 230.43 meters

KLAZA

Hole: DDH-KL-12-108 **Date:** August 20, 2012

Box #	From (m)	To (m)
1	0.00	8.44
2	8.44	14.07
3	14.07	19.72
4	19.72	24.96
5	24.96	30.47
6	30.47	35.87
7	35.87	41.16
8	41.16	46.51
9	46.51	51.82
10	51.82	57.30
11	57.30	62.96
12	62.96	68.39
13	68.39	73.71
14	73.71	78.92
15	78.92	84.32
16	84.32	89.67
17	89.67	95.00
18	95.00	100.37
19	100.37	105.60
20	105.60	110.98
21	110.98	116.22
22	116.22	121.62
23	121.62	127.10
24	127.10	132.83
25	132.83	138.15
26	138.15	143.49
27	143.49	148.88
28	148.88	153.91
29	153.91	159.68

KLAZA

30	159.68	164.02
31	164.02	169.55
32	169.55	174.84
33	174.84	179.90
34	179.90	185.28
35	185.28	190.11
36	190.11	195.37
37	195.37	201.20
38	201.20	206.57
39	206.57	211.65
40	211.65	216.22
41	216.22	221.86
42	221.86	227.34
43	227.34	230.43
		EOH at 230.43 m

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			382131.97	6889575	1354.348	325.22

SECTION:

HOLE: DDH-12-109

CLAIM: YC37986

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 12-15th, 2012

Geology logged by: Nicole Marsh

TARGET: BRX

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	25.18		GRD	Oxidized granodiorite with patches of ARG alteration.
	76.89		GRD	Fresh granodiorite with patchy PHC and ARG alt.
	88.61		GRD	Patchy PRO and ARG alt. with trace POT overprintin
	157.74		GRD	Fresh granodiorite.
	200.81		GRD	Patchy PRO, PHC and ARG altered granodiorite.
	206.09		GRD	Propylitic altered granodiorite.
	240.00		GRD	Fresh granodiorite.
	261.89		GRD	Propylitic altered granodiorite.
	270.66		GRD	PHC altered granodiorite. Highly veined, hosting pyrit
				galena, aresenopyrite, chalcopyrite and spahlerite.
	276.98		FEL	Quartz-feldspar-porphry dyke.
	277.64		GRD	PHC alterd granodiorite. Milky quartz vein hosting
				pervasive blebby pyrite (at contact with dyke).
	325.22			Fresh granodiorite.
				EOH

SAMPLES

Numbers: N811890 - N812000, N813251 - N813334.

Total: 195

Batch: 104-3, 109-1 to 109-5

Date Sent:

Certificate:

COMMENTS

EOH at 325.22 m

KLAZA

Hole: DDH-12-109 **Logger Name:** Nicole Marsh **Date: August 17th, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	2.98						OVB														Overburden and rubble.
2.98	7.40						GRD		MD	OR	PA	4.00		PHC	3.00						Highly oxidized granodiorite. Phyllic and argillic alteration underlying pervasive limonite staining. Black goethite staining (and some dendrites radiating from fractures), especially on fractures. Abundant dusty limonite and brown-red hematite. Generally hard core, although fractured.
														ARG	2.00						
7.40	10.52						GRD		MD	OR	PA	4.00		ARG	3.00						Highly oxidized granodiorite. Patchy moderate to strong argillic (soft/crumbly) and fragmented hard granodiorite (heavily limonite stained). Limonite and goethite staining throughout.
10.52	11.95						GRD		LT	GY		2.00									Faintly limonite stained granodiorite with goethite and limonite staining on fractures. Patches of crumbly/friable core.
									MD	OR											
11.95	12.48	0.53				mKgW	GRD	MG	LT	WH		3.00		ARG	4.00						Friable, strong argillic altered granodiorite. Limonite stained/oxidized.
12.48	22.65	10.17				mKgW	GRD	MG	MD	OR		3.00		SIL	2.00						Oxidized granodiorite. Patchy silicification, argillic and phyllic alteration underneath limonite staining. All fractures heavily limonite and/or goethite stained.
														PHC	2.00						
			18.60	20.42	1.82	mKgW	GRD	MG	MD	OR	RU	4.00									Oxidized granodiorite. Dominantly crumbly/friable rock and rubble (lost recovery).
			20.79	21.58	0.79	mKgW	GRD	MG	DK	BK		5.00									Intensely oxidized granodiorite. Soft, extremely goethite and limonite stained
									MD	OR											
22.65	25.18	2.53				mKgW	GRD	MG	LT	GY	MA	2.00									Light grey granodiorite. Unaltered apart from limonite and goethite staining on
25.18	28.70	3.52				mKgW	GRD	MG	MD	OR		4.00									Strong argillic altered granodiorite (with patches of unaltered granodiorite). Very friable/crumbly core associated with argillic alteration. Heavy limonite staining and lesser amounts of goethite staining.
28.70	47.38	18.68				mKgW	GRD	MG	LT	GY	MA	2.00		PRO	1.00						Unaltered granodiorite apart from limonite staining (and minor goethite staining) on fractures. Patchy oxidized, friable core. Grading into very weak propylitic alteration near end of interval.
			29.85	31.71	1.86	mKgW	GRD	MG	LT	GY		3.00		SIL	1.00						Oxidized granodiorite. Patchy oxidization. Limonite and lesser amounts of goethite staining. Trace silicification.
									MD	OR											
			41.76	42.30	0.54	mKgW	GRD	MG	MD	OR	EN	4.00		PHC	3.00						Phyllic (or propylitic) altered granodiorite underlying heavy, patchy limonite staining. Phyllic and propylitic is light blue-green colour. Phyllic alteration enveloping small quartz vein.
									LT	BL-GN											
47.38	51.71	4.33				mKgW	GRD	MG	LT	GN	PA			PHC	2.00	<1		Gn	<1		Patchy, altered granodiorite. Patchy moderate argillic alteration with potassic overprint (moderate) and (weak to moderate) phyllic alteration enveloping veins. Few patches of fresher granodiorite (weakly propylitic altered). Limonite staining associated with phyllic alteration. Limonite staining on all fractures and some surfaces around fractures. Veins described in secondary structures.
									LT	PK				ARG	3.00						
									LT	WH				POT	3.00						
														PRO	1.00						
														OXI	2.00						
51.71	76.89	25.18				mKgW	GRD	MG	MD	GY-GN				PRO	2.00	<1					Very weakly propylitic altered granodiorite with patches of weak phyllic alteration (3 patches, 1.38m in total). Trace pyrite alteration. Chlorite staining on many fractures.
														PHC	1.00						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			60.15	65.00	4.85	mKgW	GRD	MG	LT	GN				PHC	3.00						Moderately phyllic altered granodiorite with strong phyllic alteration enveloping sulphide-bearing veins. First 53cm is argillic altered with increasing phyllic overprint, grading into phyllic alteration. Minor argillic alteration at end of interval. Patch of weak propylitic alteration for 1.1m.
														PRO	1.00						
			67.90	71.37	3.47	mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Weak to moderate phyllic and moderately argillic (with potassic and phyllic overprint) altered granodiorite. 48cm of argillic alteration in total. Crustiform quartz-carbonate vein hosting pyrite within interval (see secondary structures).
														ARG	3.00						
														POT	2.00						
76.89	82.42	5.53				mKgW	GRD	MG	MD	GY				PRO	2.00						Weakly propylitic altered granodiorite with small patches of friable argillic altered granodiorite.
														ARG	1.00						
82.42	88.61	6.19				mKgW	GRD	MG	MD	GY-BL				PRO	2.00	<1					Altered granodiorite. Weak to moderate argillic (with weak potassic overprint) and weak to moderate propylitic alteration with patches of friable core. Veins hosting pyrite described in secondary structures log.
														ARG	2.00						
														POT	1.00						
88.61	157.74	69.13				mKgW	GRD	MG	MD	GY				PRO	1.00						Fresh granodiorite with patchy, weal propylitic alteration. Light grey colour with minor green tint. Chlorite on many fractures. Trace phyllic alteration enveloping veins (see secondary structures). Localized hematite on fractures (occurring with chlorite). Few friable zones.
			147.56	151.20	3.64	mKgW	GRD	MG	MD	GY				PRO	2.00						Fragmented and crumbly, weakly propylitic altered granodiorite.
			151.84	155.73	3.89	mKgW	GRD	MG	LT	GN	FR			PRO	2.00						Crumbly and fragmented granodiorite. Patchy phyllic, argillic and propylitic alteration. More phyllic and propylitic alteration than argillic alteration. Vein at 154.53m (see secondary structures log). Abundant chlorite replacement of hornblende.
									MD	GY	PA			PHC	3.00						
														ARG	3.00						
157.74	169.10	11.36				mKgW	GRD	MG	LT	WH	PA			PRO	2.00	<<1					Patchy, altered granodiorite. Weak to moderate propylitic alteration with patches of (moderate to strong) argillic alteration and weak (some moderate) phyllic alteration. Argillic is weakly potassic and phyllic overprinted. Veining within more competent phyllic alteration and argillic zones are friable. Argillic and propylitic alteration dominate.
									MD	GN				PHC	2.00						
														ARG	3.00						
														POT	1.00						
169.10	177.22	8.12				mKgW	GRD	MG	LT	GN	PA			PHC	3.00						Patchy, altered granodiorite. ~60% phyllic and ~40% propylitic altered granodiorite. Weakly propylitic altered granodiorite with phyllic alteration enveloping quartz and quartz-carbonate veinlets. Weak to moderate phyllic alteration.
									MD	GN				PRO	2.00	<<1					
177.22	181.53	4.31				mKgW	GRD	MG	LT	GN	PA			PHC	3.00						Weak to moderate phyllic altered granodiorite with localized tourmaline. Veining described in secondary structures log. Localized hematite staining and stingers.
181.53	184.39	2.86				mKgW	GRD	MG	MD	GN-I	PA			PRO	3.00						Patchy, altered granodiorite. Moderately propylitic altered (or weakly phyllic altered?) granodiorite with patches of moderate to strong argillic alteration (friable) with weak potassic overprint (~60cm of argillic alteration). First 60cm of interval has finer grains than surrounding granodiorite and is hematite and chlorite stained (darker green-purple colour).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
														ARG	3.00						
184.39	190.37	5.98				mKgW	GRD	MG	DK	GN				PRO	3.00	<<1		Ep	<1		Weak to moderately propylitic altered granodiorite with trace epidote and disseminated pyrite. 187.41-187.72 is finer grained and darker in colour (heavily hematite stained). Trace argillic alteration and phyllic alteration envelopes.
														ARG	1.00			He	1.00		
														PHC	1.00						
190.37	200.81	10.44				mKgW	GRD	MG	DK	GN	PA			PRO	3.00						Very patchy, altered granodiorite. Weak to strong argillic alteration, weak to moderate propylitic alteration (some strong?) and weak to moderate phyllic alteration. Patchy, faint potassic overprinting throughout. Friable rock associated with argillic alteration. Minor veining present and stringers occurring throughout propylitic alteration. Patchy hematite and localized staining on fractures (associated with stronger propylitic alteration). Dark-blue-green, and light green colours.
									MD	GN				PHC	2.00						
														POT	1.00						
														ARG	3.00						
200.81	206.09	5.28				mKgW	GRD	MG	MD	GN				PRO	2.00						Weakly propylitic altered granodiorite with weak phyllic alteration enveloping carbonate veins. Trace potassic alteration.
														PHC	1.00						
														POT	1.00						
			202.50	204.84	2.34	mKgW	GRD	MG	MD	GN	PA			PRO	2.00						Patches of friable argillic altered granodiorite, fault material, mottled peach and green colours (potassic and propylitic alteration?), small phyllic alteration enveloping quartz-carbonate veinlet.
									LT	PK				POT	1.00						
														ARG	3.00						
206.09	240.81	34.72				mKgW	GRD	MG	LT	GY				PRO	1.00						Fresh granodiorite with patches of weakly propylitic altered granodiorite. Occurrences of pink aplite dyke (see secondary structures log).
240.81	258.11	17.30				mKgW	GRD	MG	MD	GN				PRO	2.00						Weakly (to moderate) propylitic altered granodiorite. Green-blue chlorite on fractures, and hematite on some fractures. 1 patch of friable argillic alteration. Trace potassic overprinting.
														ARG	1.00						
														POT	1.00						
258.11	261.89	3.78				mKgW	GRD	MG	MD	GN	PA			PHC	3.00						Patchy, altered granodiorite. Moderate argillic (with phyllic and potassic overprinting), weak to strong propylitic (with potassic overprinting) and moderate phyllic alteration. Potassic overprinting strongest on argillic alteration.
									LT	GN				PRO	3.00						
									LT	PK				ARG	3.00						
									LT	WH											
261.89	267.53	5.64				mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Light green and moderately phyllic altered granodiorite with sulphide-bearing quartz vein (see secondary structures log). Quartz-carbonate veining also present. Patchy argillic alteration with weak potassic overprint.
														ARG	1.00						
														POT	1.00						
267.53	270.66	3.13				mKgW	GRD	MG	MD	GN				PHC	4.00	7.00		Gn	1.00		Highly altered and veined granodiorite. Silicified and phyllic altered. Medium/dark green colour. Blebby and disseminated pyrite throughout.
														SIL	2.00			As	1.00		
																		Sp	1.00		
																		Cp	1.00		
270.66	276.98	6.32				LKqP	FEL	FG	LT	GN	PO										Quartz-feldspar-porphyry dyke. Colours varying from grey-green to grey-red. Some phenocrysts are stained green-blue (chlorite?).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									LT	GY											
									LT	RD											
276.98	277.64	0.66				mKgW	GRD	MG	LT	GN				PHC	3.00	15.00		Cp	1.00		Highly mineralized milky quartz vein at contact with quartz-feldspar-porphyry dyke, then weak to moderate phyllic alteration.
									MD	GN											
277.64	325.22	47.58				mKgW	GRD	MG	MD	GY				PRO	1.00						Fresh granodiorite with patches of weak to moderate potassic alteration. Trace phyllic alteration enveloping rare veins (see secondary structures log).
														PHC	1.00						
																					EOH

KLAZA

Hole: DDH-12-109 **Logger Name: Nicole Marsh**

Depth (m)		DESCRIPTION
270.66		Granodiorite hanging wall, quartz-feldspar-porphyry dyke footwall. Abrupt contact. Clay alteration (blue-green colour, chlorite rich). Fragmented, small milky quartz vein at or near contact, containing blebby arsenopyrite and pyrite. Abundant mineralized veins proximal to contact within hangingwall. More veining in hangingwall than footwall.
276.98		Quartz-feldspar-porphyry dyke hangingwall, granodiorite footwall. Abrupt contact at 60 degrees t0-core-axis, with ~3mm of clay altered gouge. Milky quartz vein at contact with pervasive blebby pyrite and chalcopyrite (see secondary structures log).
		EOH

KLAZA

Hole: DDH-12-109 **Logger Name:** Nicole Marsh **Date:** August 17th, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	5.45	5.54	0.09	36.00		1.00			White translucent quartz vein. Pitted/vuggy. 1cm in width. Orientated 36 degrees to-core-axis.	
VT	6.75	6.88	0.13	45.00					Pitted (and vuggy?) quartz veinlets. Pitting more visible than veins due to intense oxidization. Band of veinlets orientated at 45 degrees to-core-axis and ~10cm in width. Hematite and goethite within vugs.	
VT	25.55	25.70	0.15	15.00		2.00			Very soft, limonite stained vein (extremely altered, unsure of original composition) and hematite stained band. Both ~5mm in width and orientated at 15 and 30 degrees to-core-axis. Within soft, friable argillic zone.	
				30.00						
VT	30.70	30.75	0.05	80.00					Vitreous grey-white quartz vein (or intense silicification?). Highly oxidized bands of limonite within vein. ~4cm in width.	
VN	41.96	41.99	0.03	85.00					Vitreous grey quartz and oxidized (limonite stained) carbonate vein with blue-green alteration halo. 2.5cm in width.	
VT	48.03	48.15	0.12	60.00		5.00			5 quartz-carbonate stringers and veinlets at 60 degrees to-core-axis, crosscut by 2 carbonate veinlets at 33 degrees to-core-axis (in same direction).	
				33.00		2.00				
VN	48.20	48.58	0.38	50.00			Gn	<1	2 veins comprised of vuggy quartz-carbonate, white calcite, white and grey vitreous quartz , dark blue aphanitic sulphides(?) and band of brecciation (siliceous matrix with angular carbonate clasts; clasts from 1mm to 3cm). Vein hosts blebby galena and blebby pyrite. Disseminated pyrite within green phyllic alteration halo. veins 21cm and 1.8cm in width. Limonite pitting and minor vuggy textures present.	
							Py	3.00		
VN	51.46	51.69	0.23	60.00					Brecciated/banded vein. 50% of vein is white carbonate matrix with extremely limonite stained and sub-angular clasts. Other 50% is quartz-carbonate breccia matrix with smaller rounded clasts (mm scale). Also, 1cm of quartz and quartz-carbonate stringers at lower end of vein. Upper contact of vein is extremely oxidized; dusty limonite and goethite for 1.5cm. Vein is 9cm in width. Disseminated pyrite hosted in quartz.	
VN	52.90	52.97	0.07	42.00		4.00	Py	3.00	Vitreous quartz and white quartz-carbonate vein hosting disseminated pyrite and blebby pyrite. 1.6cm in width.	
VN	52.98	53.09	0.11	40.00			Py	1.00	2 grey/smoky quartz veinlets (with minor quartz-carbonate) hosting disseminated pyrite.	
VT	56.55	56.65	0.10	35.00			Py	1.00	Vitreous grey quartz and white quartz-carbonate veinlet hosting blebby pyrite. 9mm in width.	
VN	61.02	61.14	0.12	55.00			Py	1.00	White and grey quartz-carbonate and vitreous grey quartz vein hosting dark aphanitic sulphides, disseminated pyrite and blebby pyrite. 4.8cm in width.	
VT	62.55	63.58	1.03	70.00		2.00			Quartz and quartz-carbonate veinlets with small phyllic alteration halos.	
VN	64.20	64.27	0.07	80.00			Py	1.00	Banded/stringy vein of grey vitreous quartz, yellow carbonate, white quartz-carbonate and fine dark-blue stringers. Quartz and stringers host disseminated pyrite. 6.7cm in width.	
VN	68.29	68.46	0.17	70.00			Py	2.00	Crustiform vein composed of vitreous quartz, yellow and white carbonate, pink and white quartz-carbonate and 3.1cm of brecciation at upper contact (siliceous matrix quartz-carbonate and carbonate clasts; mm scale clasts). Vein is 7cm in width and hosting blebby pyrite, + 7mm crustiform quartz-carbonate pink quartz-carbonate veinlet.	
FT	68.66	68.69	0.03	80.00					2.8cm of clay altered fault gouge. Dense clay.	
VN	87.25	87.34	0.09	38.00			Py	5.00	White and pink carbonate vein with trace hematite (within argillic alteration). 2cm in width.	
FT	87.38	87.48	0.10	30.00					Moderately developed fault gouge at 30 degrees to-core-axis. 2.6cm in width.	
VT	91.08	91.13	0.05	65.00			Py	5.00	Quartz-carbonate and smoky quartz veinlet hosting blebby pyrite. 6mm in width.	
VN	93.21	93.25	0.04	65.00			Py	10.00	1.4cm vein. Vitreous quartz and less white quartz-carbonate.	
ST	95.54	95.64	0.10			3.00	Py	3.00	White carbonate and fine-dark chlorite stringers hosting disseminated pyrite. Slightly netted. 3 occurrences of netted veinlets. 70 to 85 degrees to-core-axis.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	106.52	106.71	0.19			4.00			Stringy white quartz-carbonate and carbonate veinlets with minor quartz and stringy fine blue mineral. 55, 45, 5 and 60 degrees to-core-axis.	
VN	110.61	110.68	0.07	80.00					White, light pink and yellow quartz-carbonate and carbonate vein (+ minor vitreous quartz).	
VT	115.07	115.19	0.12	45.00			He	1.00	White carbonate vein varying in width. (4mm to 1.5cm). Minor hematite and chlorite.	
							Ct	1.00		
							Py	1.00		
VT	115.32	115.35	0.03	80.00			Py	1.00	8mm white quartz-carbonate and vitreous grey quartz veinlet hosting disseminated pyrite. Small phyllic alteration envelope.	
ST	115.79	115.83	0.04	55.00			Py	<1	Quartz, carbonate, fine-blue matrix and dark grey aphanitic sulphide hosting disseminated pyrite. 1-2mm in width.	
VN	127.01	127.07	0.06	68.00					White carbonate vein (1.7cm) + 5mm veinlet composed of thin bands of quartz, carbonate and quartz-carbonate hosting disseminated pyrite. Both at 68 degrees to-core-axis and within small phyllic envelope.	
VN	131.53	131.56	0.03	77.00			Py	<1	Crustiform carbonate vein (+minor vitreous quartz hosting disseminated pyrite). 1.5cm width and orientated at 77 degrees to-core-axis.	
VN	138.35	138.43	0.08	60.00					Pink, white and grey quartz-carbonate vein. Brecciated with quartz-carbonate matrix/veinlets and quartz/siliceous clasts. Quartz hosts dark aphanitic sulphides and disseminated pyrite. 1.8cm of pink crustiform quartz-carbonate within vein.	
DK	138.45	138.58	0.13	40.00					2.5cm wide pink aplite dyke.	
VT	143.37	143.51	0.14	80.00		2.00	Py	<<1	White/grey quartz-carbonate and quartz veins. Trace fine disseminated pyrite.	
VT	146.64	146.67	0.03	72.00					White quartz-carbonate veinlet. 6mm in width.	
VT	146.86	146.90	0.04	50.00					2mm stringy quartz-carbonate veinlet hosting's disseminated pyrite.	
VN	148.80	148.86	0.06	55.00					White and greenish-yellow quartz-carbonate, carbonate and minor quartz crustiform vein at 55 degrees to-core-axis 2.5 cm in width. Orientated at 55 degrees to-core-axis.	
FT?	152.62	154.53	1.91				Py	1.00	Abundant crumbly core. Fault zone or argillic alteration? No clay alteration (lost recovery).	
VN	153.55	153.61	0.06	70.00					Semi-banded grey-vitreous quartz and white quartz-carbonate vein hosting disseminated pyrite. 1.9cm in width.	
VN	154.53	154.57	0.04	70.00			Py	4.00	Banded, grey-vitreous quartz and white-grey quartz-carbonate vein hosting disseminated and blebby pyrite (within quartz). 3.9cm.	
VT	154.75	155.68	0.93	10.00					Shallow quartz veinlet. Varying in width from 4mm to 9mm.	
DK	155.90	156.32	0.42	15.00					4.5cm pink aplite dyke.	
VT	159.65	160.02	0.37	12.00					Translucent white carbonate vein. Wide at nose and thin at edges. 6mm at thinnest section and 8cm wide at nose. Upper contact of vein pinches out.	
VT	160.84	160.89	0.05	55.00			Py	<1	Carbonate veinlet and vitreous quartz hosting disseminated pyrite. ~2mm in width.	
VT	163.10	163.36	0.26	50.00		3.00	Py	<1	White quartz-carbonate, carbonate and vitreous quartz vein hosting dark-fine mineral (aphanitic sulphides?) and disseminated pyrite.	
VT	163.87	164.07	0.20	50.00		1.00	Py	<1	White quartz-carbonate and dark-vitreous quartz hosting disseminated pyrite. 6mm in width + 3 stringers (dark, haloed by silicification).	
VT/ST	166.57	166.71	0.14			4.00	Py	1.00	Band/dense occurrence of fine dark mineral and white carbonate stringers hosting disseminated pyrite, cross cut by carbonate and chalcedony thin veinlets (at 55dehrees in opposing direction).	
VN	169.55	169.77	0.22	75.00					Banded vein and 2 veinlets. Grey chalcedony, grey vitreous quartz, pink ankerite, white and beige quartz-carbonate and ~2cm of solid white carbonate. Disseminated pyrite within quartz. Small blebs of pyrite within adjacent stringers/veinlets. Vein is 4.2cm in width and orientated at 75 degrees to-core-axis. Veinlets at 62 degrees to-core-axis.	
VT	173.12	173.21	0.09	55.00		2.00	Py	<1	7mm vitreous quartz vein and white quartz-carbonate vein hosting fine disseminated pyrite.	
VT	175.48	180.52	5.04			13.00	Py	<<1	Quartz-carbonate veinlets and minor quartz hosting trace disseminated pyrite. Orientations range from 25 to 60 degrees to-core-axis.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	177.70	177.75	0.05	65.00					Banded chalcedony and quartz vein with minor quartz-carbonate. Varying shades of grey. 4.8cm in width. Adjacent to 8mm of fault gouge.	
VN	179.13	179.18	0.05	60.00			Py	1.00	White quartz-carbonate, grey chalcedony and vitreous quartz hosting disseminated pyrite. 1.5cm in width.	
VN	179.30	179.37	0.07	53.00					White and yellow quartz carbonate. 1.7cm in width.	
VN	179.85	179.90	0.05	50.00					White carbonate and vitreous-grey quartz vein. 1.8cm in width.	
VT	187.40	187.76	0.36	7.00					Shallow, intensely hematite stained carbonate veinlet. ~4mm in width.	
VT	189.83	189.88	0.05	50.00			Py	<1	Grey quartz and white quartz-carbonate veinlet hosting disseminated pyrite. 9mm in width.	
VT	193.50	193.56	0.06	48.00			Py	<1	Chlorite, quartz and white carbonate veinlet hosting disseminated pyrite.	
FT	195.45	195.52	0.07	32.00					Moderately developed fault gouge zone with some clay alteration. Hematite stained.	
VT	198.27	206.09	7.82			15.00			Quartz-carbonate veinlets at various angles. Up to 8mm in width (most ~2mm). Orientations vary from 55 to 75 degrees to-core-axis. ~15 veinlets.	
FT	203.98	204.13	0.15	10.00					Quartz-carbonate and chlorite vein hosting trace fine disseminated pyrite.	
FT	204.29	204.50	0.21	25.00					Moderately developed fault gouge with some clay alteration.	
DK	209.89	209.95	0.06	70.00			Py	<1	3.3cm pink aplite dyke. Small inclusion of granodiorite hosting blebby pyrite.	
VT	213.51	213.74	0.23	20.00					Shallow carbonate and chlorite veinlet with argillic alteration at edges. ~6mm-1cm in width.	
DK	217.97	218.04	0.07	55.00					2.2cm pink aplite dyke.	
VT	227.88	228.00	0.12	32.00			Py	<1	Thin chlorite and quartz-carbonate veinlet hosting disseminated pyrite.	
DK	232.86	232.94	0.08	50.00					Thin, pink aplite dyke (veinlet, 6mm in width).	
VN	233.66	233.69	0.03	80.00					Crustiform quartz-carbonate (yellow and white) veinlet with quartz at edges. 1.2cm in width.	
VT	238.00	238.06	0.06	50.00			Py	5.00	Carbonate and quartz veinlet hosting blebby pyrite. 5mm in width.	
DK	239.94	240.21	0.27	30.00					Pink aplite dyke. ~12cm in width.	
VN	245.52	245.97	0.45	35.00					Brick-red microcrystalline quartz (or chalcedony) vein + pink carbonate. Brick red siliceous vein cuts through carbonate. Granodiorite and carbonate clasts within brick-red matrix. Rough orientation of 35 degrees to-core-axis. 1 larger vein and 3 veinlets + 1cm of carbonate. Larger vein ~1.3cm in width.	
VN	27.00	247.15	220.15	45.00					Stringy quartz-carbonate grey and white veins (~2 and 2.4cm in width + off-shooting stringers).	
VN	240.11	248.22	8.11	35.00			Py	<1	Vitreous quartz and lesser proportions of white quartz-carbonate and dark-fine bands hosting trace disseminated pyrite. 2.6cm in width.	
VN	249.91	249.98	0.07	55.00			Py	40.00	Silicification/vitreous grey quartz vein hosting pervasive and massive pyrite. Minor white quartz-carbonate. 1.4cm in width.	
VN	250.13	250.48	0.35	70.00					Mottled quartz-carbonate, pink ankerite and quartz vein. Grey quartz-carbonate is less carbonate rich than creamy-white quartz-carbonate. Partly brecciated (siliceous matrix with quartz-carbonate clasts). Haloed by silicification and aphanitic black sulphides and disseminated pyrite. Vein hosts blebby and disseminated pyrite. 9.0cm in width.	
VT	251.00	257.42	6.42						11 quartz-carbonate, carbonate and vitreous quartz veinlets at various orientations (2 shallow at 20 and 10 degrees to-core-axis, with rest at 45-60 degrees to-core-axis).	
VN	255.74	255.81	0.07	47.00					Massive, vitreous carbonate vein. Minor vuggy texture. 1.9cm in width.	
FT	258.42	258.50	0.08	50.00					2.5cm fault gouge zone. Clay altered and light green colour.	
VN	261.21	261.26	0.05	60.00			Py	<1	Vitreous quartz and white quartz-carbonate with dark-blue-fine mineral (aphanitic sulphide?). Minor disseminated pyrite. 2.8cm in width.	
VN	262.64	262.81	0.17	80.00			Gn	1.00	Yellow and white quartz-carbonate vein hosting blebby galena. Weakly crustiform. 2.0cm vein at 80 degrees to-core-axis, 1.4cm at 60 degrees to-core-axis.	
VT	263.16	263.19	0.03	60.00					Vuggy and highly crustiform white quartz-carbonate veinlet. 2.5mm in width. Orientated at 60 degrees to-core-axis.	
VT	264.11	264.14	0.03	50.00			Py	1.00	Quartz and quartz-carbonate veinlet forking in two, hosting aphanitic sulphide stringers, blebby pyrite and disseminated pyrite.	
									start of zone (hangingwall of dyke)	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	265.72	265.87	0.15	70.00			Py	7.00	Siliceous, banded vein. Band of brecciation (grey siliceous matrix with small clasts of granodiorite and quartz carbonate up to 5mm in width) bordered by vitreous grey quartz and stringy white quartz-carbonate. Quartz hosts blebby pyrite and dark aphanitic sulphides. 11.3cm in width.	
VN	266.65	267.13	0.48	65-80		4.00	Py	1.00	4 milky quartz veins hosting minor quartz-carbonate. Hosting blebby and disseminated pyrite and stringers of dark aphanitic sulphides. 6cm vein at 65 degrees to-core-axis, 4.3cm at 50 degrees to-core-axis, 1.3cmat 80 degrees to-core-axis and 1.7cm at 60 degrees to-core-axis.	
VN	267.29	267.55	0.26				Py	55.00	Milky quartz vein hosting abundant massive and blebby pyrite and chalcopyrite. Abundant blebby pyrite in footwall and hangingwall of vein. 20.2cm true width.	
							Cp	10.00		
VN	267.57	267.82	0.25	57.00		2.00	Sp	30.00	Milky quartz vein with pervasive sulphide mineralization. Blebby pyrite, galena, sphalerite and arsenopyrite + acicular arsenopyrite. ~5% quartz-carbonate. 2..1cm and 1.8cm veins.	
							As	15.00		
							Gn	15.00		
							Py	15.00		
VT	268.08	270.65	2.57			8.00	Py	4.00	Milky quartz (and minor quartz-carbonate) veinlets hosting blebby pyrite, disseminated pyrite and black aphanitic sulphides. 40 (x2), 24, 60, 70 (x2) and 50 degrees to-core-axis (+1 unknown angle).	
VT	268.91	270.66	1.75	43.00		3.00	Py	4.00	Quartz veinlets hosting blebby pyrite and sphalerite and arsenopyrite in the vein at contact with dyke. Orientated 40 and 45 degrees to-core-axis.	
							Sp	1.00		
VT	272.03	272.15	0.12	25.00			To	1.00	Quartz-carbonate veinlet hosting acicular tourmaline. Veinlet forks in two.	
VN	276.94	278.21	1.27	60.00			Py	55.00	Pervasive blebby pyrite hosted in milky quartz vein. At lower contact with dyke. ~3mm of fault gouge at contact. 23.0cm in width.	
									end of zone (footwall of dyke)	
VN	289.22	289.26	0.04	85.00		2.00	Py	<1	2 veins. 1 crustiform white and pink quartz-carbonate vein (2cm) and 1 vitreous quartz vein hosting blebby pyrite (1.6cm).	
VN	306.14	306.47	0.33	12.00			Py	2.00	Shallow carbonate-chlorite and vitreous quartz vein hosting blebby pyrite. Vein forks in two. 1.5cm in width (before forking in two).	
VT	321.60	325.15	3.55	80.00		3.00	Py		3 quartz-carbonate veinlets, with small light green phyllic alteration envelopes. 6mm, 7mm and 8mm (orientated 70, 80 and 85 degrees to-core-axis).	
									EOH	

KLAZA

Hole: DDH-12-109 **Date:** August 17th, 2012

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
15.08	10	5.2	489.2	287.4	GRD		SIL	3			2.303509	2.424182	Silicified, phyllic altered(?) and heavily limonite stained granodiorite.
							LIM	3					
							PHC	2					
38.09	9.9	5.2	494.4	292.3	GRD		SIL	3			2.351509	2.446314	Heavily limonite stained granodiorite with quartz eyes.
							LIM	4					
48.37	10.9	5.2	602.4	388	GRD	VN			Py	<1	2.602327	2.809701	Lower contact of vein with 80% of vein within interval. Brecciated vein with siliceous blue-grey matrix and carbonate clasts. Trace disseminated pyrite.
64.18	9.9	5.2	573.3	373.8	GRD	VN	PHC	4	Py	<1	2.72678	2.873684	Banded/stringy vein of quartz and quartz-carbonate hosting disseminated pyrite (see secondary structures log).
91.06	9.6	5.2	522.3	329.8	GRD		PHC	2	Py	2	2.561841	2.713247	Very weakly propylitic altered granodiorite with quartz and carbonate vein hosting blebby pyrite. Small phyllic alteration envelope.
							PRO	1					
102.82	9.8	5.2	532.2	333.3	GRD						2.557127	2.675716	Fresh granodiorite.
125	10.2	5.2	535.7	336.8	GRD						2.473004	2.693313	Fresh granodiorite.
131.52	10.6	5.2	551.2	344	GRD		PHC	2			2.448538	2.660232	Crustiform carbonate-quartz vein with small phyllic alteration envelope (within weak propylitic alteration interval).
							PRO	2					
150.1	10.3	5.2	512.1	320.3	GRD		PHC	3			2.341105	2.669969	Moderate phyllic alteration enveloping quartz-carbonate and quartz stringers/veinlets.
159.9	12.5	5.2	618.7	377.7	GRD		ARG	3			2.330631	2.56722	Granodiorite with moderate argillic alteration and weak potassic and phyllic overprinting, hosting calcite vein (see secondary structures log).
							PHC	2					
							POT	2					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
179.23	10	5.2	561.1	354	GRD		PHC	3			2.642066	2.709319	Light green, moderately phyllic altered granodiorite with oblique quartz-carbonate vein (see secondary structures log).
192.12	10	5.2	529.1	323.4	GRD		PHC	2			2.491387	2.572193	Weakly argillic altered granodiorite. Phyllic and potassic overprint. Hematite stained on fracture.
							POT	2					
							ARG	2					
217.96	10.7	5.2	570.2	354	GRD		PRO	1			2.509267	2.637373	Fresh granodiorite hosting obliquely cut by pink aplite dyke. Entire dyke is within interval (2cm in width).
236.63	10.8	5.2	577	360.2	GRD		PRO	1			2.515681	2.661439	Fresh granodiorite with trace propylitic alteration.
255.67	9.7	5.2	516.4	318.1	GRD		ARG	3			2.50679	2.604135	Moderately argillic altered granodiorite with potassic and phyllic overprinting. 1.9cm carbonate vein.
							PHC	2					
							POT	2					
266.69	9.1	5.3	525.6	330.5	GRD		PHC	4	Py	3	2.618016	2.694003	Strong phyllic altered granodiorite with quartz vein hosting pyrite.
270.12	12.1	5.3	697.8	448.8	GRD		PHC	4	Py	4	2.61399	2.80241	Highly phyllic altered granodiorite with quartz vein. Disseminated pyrite and disseminated pyrite throughout vein and granodiorite.
278	10.6	5.3	570.4	354	GRD		PRO	1			2.439114	2.63586	Very weakly propylitic altered granodiorite.
													EOH

KLAZA

Hole: DDH-12-109 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
3.05	4.90	1.85	1.54	83.2	N811890	104-3				Rest of batch in DDH-12-104 logs
4.90	6.89	1.99	1.47	73.9	N811891	104-3				
6.89	8.67	1.78	1.15	64.6	N811892	104-3				
8.67	10.49	1.82	1.66	91.2	N811893	104-3				
10.49	11.98	1.49	1.32	88.6	N811894	104-3				
					N811895	104-3				STD-KL-3
11.98	12.98	1.00	0.98	98	N811896	104-3				
12.98	15.49	2.51	2.51	100	N811897	104-3				
15.49	17.00	1.51	1.43	94.7	N811898	104-3				
17.00	18.70	1.70	1.30	76.5	N811899	104-3				
18.70	20.80	2.10	1.41	67.1	N811900	104-3				
20.80	21.83	1.03	1.03	100	N811901	104-3				
					N811902	104-3				BLANK
21.83	22.90	1.07	1.03	96.3	N811903	104-3				
22.90	24.90	2.00	1.75	87.5	N811904	104-3				
					N811905	104-3				1/4 DUPLICATE
24.90	26.78	1.88	1.52	80.9	N811906	104-3				
26.78	28.30	1.52	1.01	66.4	N811907	104-3				
28.30	29.83	1.53	1.38	90.2	N811908	104-3				
29.83	31.65	1.82	1.82	100	N811909	104-3				
31.65	32.91	1.26	1.20	95.2	N811910	104-3				
32.91	35.91	3.00	2.76	92	N811911	104-3				
					N811912	104-3				COARSE REJECT DUPLICATE
35.91	37.71	1.80	1.79	99.4	N811913	104-3				
37.71	38.71	1.00	1.00	100	N811914	104-3				
38.71	41.54	2.83	2.83	100	N811915	104-3				
41.54	42.54	1.00	1.00	100	N811916	104-3				
42.54	44.40	1.86	1.86	100	N811917	104-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
44.40	45.40	1.00	1.00	100	N811918	104-3				
45.40	46.83	1.43	1.43	100	N811919	104-3				
46.83	47.83	1.00	1.00	100	N811920	104-3				
47.83	48.83	1.00	1.00	100	N811921	109-1				
48.83	50.73	1.90	1.90	100	N811922	109-1				
50.73	51.73	1.00	1.00	100	N811923	109-1				
51.73	52.74	1.01	1.00	99	N811924	109-1				
52.74	53.74	1.00	1.00	100	N811925	109-1				
53.74	55.44	1.70	1.70	100	N811926	109-1				
					N811927	109-1				STD-KL-1
55.44	57.75	2.31	2.30	99.6	N811928	109-1				
57.75	59.98	2.23	2.23	100	N811929	109-1				
					N811930	109-1				COARSE REJECT DUPLICATE
59.98	60.98	1.00	1.00	100	N811931	109-1				
60.98	62.10	1.12	1.06	94.6	N811932	109-1				
					N811933	109-1				BLANK
62.10	64.00	1.90	1.83	96.3	N811934	109-1				
64.00	65.00	1.00	1.00	100	N811935	109-1				
65.00	67.15	2.15	2.15	100	N811936	109-1				
67.15	68.15	1.00	1.00	100	N811937	109-1				
68.15	69.15	1.00	1.00	100	N811938	109-1				
					N811939	109-1				BLANK
69.15	70.15	1.00	1.00	100	N811940	109-1				
70.15	71.18	1.03	1.00	97.1	N811941	109-1				
71.18	72.18	1.00	1.00	100	N811942	109-1				
72.18	75.18	3.00	2.98	99.3	N811943	109-1				
					N811944	109-1				STD-KL-3
75.18	76.98	1.80	1.80	100	N811945	109-1				
76.98	78.72	1.74	1.71	98.3	N811946	109-1				
78.72	80.00	1.28	1.24	96.9	N811947	109-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N811948	109-1				1/4 DUPLICATE
80.00	82.43	2.43	2.43	100	N811949	109-1				
82.43	83.43	1.00	1.00	100	N811950	109-1				
83.43	84.43	1.00	1.00	100	N811951	109-1				
84.43	86.40	1.97	1.90	96.4	N811952	109-1				
86.40	87.48	1.08	1.08	100	N811953	109-1				
87.48	88.58	1.10	1.09	99.1	N811954	109-1				
88.58	91.07	2.49	2.49	100	N811955	109-1				
91.07	93.25	2.18	2.08	95.4	N811956	109-1				
93.25	95.00	1.75	1.75	100	N811957	109-2				
95.00	96.29	1.29	1.26	97.7	N811958	109-2				
96.29	98.00	1.71	1.71	100	N811959	109-2				
					N811960	109-2				1/4 DUPLICATE
98.00	100.07	2.07	2.07	100	N811961	109-2				
100.07	101.07	1.00	0.87	87	N811962	109-2				
101.07	104.07	3.00	3.00	100	N811963	109-2				
104.07	106.49	2.42	2.42	100	N811964	109-2				
106.49	107.49	1.00	1.00	100	N811965	109-2				
107.49	110.32	2.83	2.77	97.9	N811966	109-2				
					N811967	109-2				STD-KL-3
110.32	111.32	1.00	1.00	100	N811968	109-2				
111.32	112.94	1.62	1.62	100	N811969	109-2				
112.94	114.91	1.97	1.97	100	N811970	109-2				
114.91	115.91	1.00	1.00	100	N811971	109-2				
					N811972	109-2				BLANK
115.91	118.91	3.00	3.00	100	N811973	109-2				
118.91	121.91	3.00	2.99	99.7	N811974	109-2				
121.91	124.91	3.00	3.00	100	N811975	109-2				
					N811976	109-2				COARSE REJECT DUPLICATE
124.91	126.99	2.08	2.09	100	N811977	109-2				
126.99	127.99	1.00	1.00	100	N811978	109-2				
127.99	129.18	1.19	1.19	100	N811979	109-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
129.18	131.11	1.93	1.93	100	N811980	109-2				
131.11	132.11	1.00	1.00	100	N811981	109-2				
132.11	135.11	3.00	3.00	100	N811982	109-2				
					N811983	109-2				STD-KL-2
135.11	138.11	3.00	2.88	96	N811984	109-2				
138.11	139.12	1.01	1.00	99	N811985	109-2				
139.12	141.12	2.00	2.00	100	N811986	109-2				
141.12	142.88	1.76	1.75	99.4	N811987	109-2				
142.88	143.88	1.00	1.00	100	N811988	109-2				
143.88	146.61	2.73	2.73	100	N811989	109-2				
146.61	148.76	2.15	2.00	93	N811990	109-2				
148.76	150.21	1.45	1.33	91.7	N811991	109-2				
					N811992	109-2				BLANK
150.21	152.01	1.80	1.70	94.4	N811993	109-3				
152.01	153.60	1.59	1.51	95	N811994	109-3				
153.60	154.70	1.10	0.92	83.6	N811995	109-3				
154.70	155.91	1.21	1.20	99.2	N811996	109-3				
155.91	156.91	1.00	1.00	100	N811997	109-3				
156.91	157.91	1.00	0.92	92	N811998	109-3				
					N811999	109-3				STD-KL-2
157.91	159.28	1.37	1.37	100	N812000	109-3				
159.28	160.42	1.14	1.14	100	N813251	109-3				Switched sample-tag books
160.42	161.52	1.10	1.10	100	N813252	109-3				
161.52	163.07	1.55	1.54	99.4	N813253	109-3				
163.07	164.07	1.00	1.00	100	N813254	109-3				
					N813255	109-3				BLANK
164.07	166.54	2.47	2.47	100	N813256	109-3				
166.54	167.86	1.32	1.30	98.5	N813257	109-3				
167.86	169.12	1.26	1.26	100	N813258	109-3				
					N813259	109-3				STD-KL-2
169.12	170.12	1.00	1.00	100	N813260	109-3				
170.12	172.00	1.88	1.74	92.6	N813261	109-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
172.00	173.75	1.75	1.75	100	N813262	109-3				
173.75	174.98	1.23	1.23	100	N813263	109-3				
174.98	177.52	2.54	2.54	100	N813264	109-3				
177.52	179.64	2.12	2.00	94.3	N813265	109-3				
					N813266	109-3				BLANK
179.64	181.45	1.81	1.81	100	N813267	109-3				
181.45	183.28	1.83	1.83	100	N813268	109-3				
183.28	184.46	1.18	1.17	99.2	N813269	109-3				
184.46	186.95	2.49	2.48	99.6	N813270	109-3				
186.95	188.21	1.26	1.26	100	N813271	109-3				
					N813272	109-3				1/4 DUPLICATE
188.21	189.77	1.56	1.56	100	N813273	109-3				
					N813274	109-3				COARSE REJECT
189.77	190.77	1.00	1.00	100	N813275	109-3				
190.77	192.66	1.89	1.88	99.5	N813276	109-3				
192.66	195.25	2.59	2.59	100	N813277	109-3				
195.25	196.35	1.10	1.10	100	N813278	109-3				
196.35	198.52	2.17	2.16	99.5	N813279	109-4				
198.52	199.52	1.00	1.00	100	N813280	109-4				
199.52	200.81	1.29	1.29	100	N813281	109-4				
200.81	202.30	1.49	1.49	100	N813282	109-4				
202.30	203.30	1.00	1.00	100	N813283	109-4				
203.30	204.85	1.55	1.55	100	N813284	109-4				
204.85	206.00	1.15	1.15	100	N813285	109-4				
206.00	209.00	3.00	3.00	100	N813286	109-4				
209.00	212.00	3.00	2.99	99.7	N813287	109-4				
212.00	215.00	3.00	3.00	100	N813288	109-4				
					N813289	109-4				COARSE REJECT DUPLICATE
215.00	218.00	3.00	3.00	100	N813290	109-4				
218.00	221.00	3.00	3.00	100	N813291	109-4				
221.00	224.00	3.00	3.00	100	N813292	109-4				
224.00	227.00	3.00	3.00	100	N813293	109-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N813294	109-4				STD-KL-3
227.00	230.00	3.00	2.85	95	N813295	109-4				
230.00	233.00	3.00	3.00	100	N813296	109-4				
233.00	236.00	3.00	2.90	96.7	N813297	109-4				
236.00	237.49	1.49	1.49	100	N813298	109-4				
237.49	238.60	1.11	1.09	98.2	N813299	109-4				
					N813300	109-4				BLANK
238.60	241.60	3.00	2.90	96.7	N813301	109-4				
241.60	242.97	1.37	1.35	98.5	N813302	109-4				
242.97	245.55	2.58	2.56	99.2	N813303	109-4				
					N813304	109-4				STD-KL-2
245.55	246.98	1.43	1.42	99.3	N813305	109-4				
246.98	248.23	1.25	1.12	89.6	N813306	109-4				
248.23	249.77	1.54	1.54	100	N813307	109-4				
249.77	250.78	1.01	1.00	99	N813308	109-4				
					N813309	109-4				BLANK
250.78	253.00	2.22	2.22	100	N813310	109-4				
253.00	255.03	2.03	1.75	86.2	N813311	109-4				
					N813312	109-4				1/4 DUPLICATE
255.03	257.13	2.10	1.90	90.5	N813313	109-4				
257.13	259.60	2.47	2.47	100	N813314	109-4				
259.60	261.29	1.69	1.60	94.7	N813315	109-5				
					N813316	109-5				STD-KL-1
261.29	262.92	1.63	1.61	98.8	N813317	109-5				
262.92	264.20	1.28	1.28	100	N813318	109-5				
264.20	265.67	1.47	1.47	100	N813319	109-5				
265.67	266.67	1.00	0.98	98	N813320	109-5				
266.67	267.86	1.19	1.19	100	N813321	109-5				
					N813322	109-5				BLANK
267.86	268.88	1.02	1.00	98	N813323	109-5				
268.88	269.91	1.03	1.00	97.1	N813324	109-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
269.91	270.71	0.80	0.80	100	N813325	109-5				Matt Turner gave permission for short sample.
270.71	271.71	1.00	1.00	100	N813326	109-5				
271.71	274.70	2.99	2.99	100	N813327	109-5				
					N813328	109-5				STD-KL-1
274.70	275.97	1.27	1.17	92.1	N813329	109-5				
275.97	276.97	1.00	1.00	100	N813330	109-5				
276.97	277.97	1.00	1.00	100	N813331	109-5				
					N813332	109-5				BLANK
277.97	278.97	1.00	1.00	100	N813333	109-5				
					N813334	109-5				1/4 DUPLICATE
										End of sampling DDH-12-109

KLAZA

Hole: DDH-12-109 **Tech Name: T. PRENTICE** **Date: AUGUST 14, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.66	43	0.00	0		1	0S	5W	Very rough estimate all very rubbly
1.52	3.05	1.53	0.95	62	0.00	0		1	0S	5W	Very rough estimate all very rubbly
3.05	6.40	3.35	2.54	76	0.10	3		2	4S	4W	Very rough estimate all very rubbly
6.40	8.23	1.83	1.20	66	0.00	0		1	1S	4W	Very rough estimate all very rubbly
8.23	10.06	1.83	1.64	90	0.00	0		2	2S	4W	Very rough estimate all very rubbly
10.06	11.28	1.22	1.01	83	0.00	0		1	1S	4W	Very rough estimate all very rubbly
11.28	14.33	3.05	3.05	100	0.97	32		1	2S	4W	Very rough estimate all very rubbly
14.33	16.31	1.98	1.88	95	0.51	26		2	3S	3W	Very rough estimate all very rubbly
16.31	17.37	1.06	0.97	92	0.26	25		2	2S	4W	Very rough estimate all very rubbly
17.37	19.05	1.68	1.04	62	0.00	0		1	0S	4W	Very rough estimate all very rubbly
19.05	20.42	1.37	0.92	67	0.00	0		1	0S	4W	Very rough estimate all very rubbly
20.42	23.47	3.05	2.74	90	0.10	3		1	1S	4W	Very rough estimate all very rubbly
23.47	25.30	1.83	1.47	80	0.41	22		1	1S	4W	Very rough estimate all very rubbly
25.30	26.52	1.22	1.00	82	0.22	18		1	0S	4W	Very rough estimate all very rubbly
26.52	27.43	0.91	0.80	88	0.15	16		1	0S	5W	Very rough estimate all very rubbly
27.43	29.57	2.14	1.75	82	0.45	21		2	3S	3W	Very rough estimate all very rubbly
29.57	32.61	3.04	3.05	100	1.06	35		1	1S	4W	Very rough estimate all very rubbly
32.61	35.66	3.05	2.75	90	2.05	67		2	3S	3W	Very rough estimate all very rubbly
35.66	38.71	3.05	2.90	95	1.74	57		2	2S	3W	Very rough estimate all very rubbly
38.71	41.76	3.05	3.05	100	2.23	73		2	3S	3W	Very rough estimate all very rubbly
41.76	44.81	3.05	3.00	98	1.80	59		2	2S	3W	Very rough estimate all very rubbly
44.81	47.85	3.04	3.05	100	2.37	78		2	3S	3W	Very rough estimate all very rubbly
47.85	50.90	3.05	3.03	99	2.53	83		2	3S	3W	Very rough estimate all very rubbly
50.90	53.95	3.05	2.95	97	1.80	59		2	4S	3W	Very rough estimate all very rubbly
53.95	57.00	3.05	2.90	95	1.84	60		2	3S	1W	
57.00	60.09	3.09	3.05	99	2.10	68		2	3S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
60.09	63.09	3.00	2.70	90	1.50	50		2	3S	3W	
63.09	66.14	3.05	3.04	100	2.10	69		2	3S	1W	
66.14	69.19	3.05	3.05	100	1.92	63		2	3S	1W	
69.19	72.24	3.05	2.96	97	2.10	69		2	3S	1W	
72.24	75.29	3.05	2.98	98	2.47	81		2	3S	1W	
75.29	78.33	3.04	2.84	93	2.11	69		2	3S	1W	
78.33	81.38	3.05	2.93	96	1.84	60		2	3S	1W	
81.38	84.43	3.05	3.03	99	2.03	67		2	4S	1W	
84.43	87.48	3.05	2.75	90	0.00	0		2	1S	1W	
87.48	90.53	3.05	3.07	101	1.14	37		2	2S	1W	
90.53	93.57	3.04	2.89	95	2.29	75		2	3S	1W	
93.57	96.62	3.05	3.00	98	2.10	69		2	3S	1W	
96.62	99.67	3.05	3.07	101	1.80	59		2	2S	1W	
99.67	102.72	3.05	2.90	95	1.40	46		2	1S	1W	
102.72	105.77	3.05	3.03	99	2.20	72		2	2S	1W	
105.77	108.81	3.04	2.95	97	1.97	65		2	3S	1W	
108.81	111.86	3.05	3.05	100	2.47	81		2	3S	1W	
111.86	114.91	3.05	3.07	101	2.15	70		2	2S	1W	
114.91	117.96	3.05	3.04	100	1.80	59		2	3S	1W	
117.96	121.01	3.05	2.97	97	1.04	34		2	1S	1W	
121.01	124.05	3.04	2.95	97	2.55	84		2	5S	1W	
124.05	127.10	3.05	2.90	95	2.34	77		2	3S	1W	
127.10	129.54	2.44	2.44	100	1.25	51		2	0S	1W	
129.54	130.15	0.61	2.95	484	1.68	275		2	3S	1W	
130.15	133.20	3.05	3.00	98	1.77	58		2	4S	1W	
133.20	136.25	3.05	2.80	92	1.48	49		2	5S	1W	
136.25	139.29	3.04	3.05	100	2.27	75		2	4S	1W	
139.29	141.12	1.83	1.74	95	1.06	58		2	5S	1W	
141.12	142.34	1.22	1.17	96	0.72	59		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
142.34	145.39	3.05	2.95	97	1.85	61		2	5S	1W	
145.39	148.44	3.05	2.80	92	1.16	38		2	4S	1W	
148.44	149.66	1.22	1.15	94	0.24	20		2	0S	1W	
149.66	151.49	1.83	1.83	100	0.26	14		2	0S	1W	
151.49	154.53	3.04	3.05	100	0.00	0		1	0S	1W	
154.53	157.58	3.05	3.05	100	0.48	16		1	1S	1W	
157.58	160.63	3.05	2.80	92	1.80	59		1	2S	1W	
160.63	163.68	3.05	2.75	90	0.88	29		1	1S	1W	
163.68	166.73	3.05	2.90	95	1.39	46		2	4S	1W	
166.73	168.55	1.82	1.75	96	0.00	0		1	0S	1W	
168.55	169.17	0.62	1.28	206	0.33	53		1	3S	1W	
169.17	171.60	2.43	1.70	70	0.80	33		2	1S	1W	
171.60	172.82	1.22	1.20	98	0.50	41		2	5S	1W	
172.82	175.87	3.05	3.00	98	1.34	44		2	2S	1W	
175.87	178.92	3.05	2.96	97	1.44	47		2	3S	1W	
178.92	181.97	3.05	2.94	96	1.13	37		2	4S	1W	
181.97	185.01	3.04	2.85	94	1.73	57		2	2S	1W	
185.01	188.06	3.05	2.82	92	0.92	30		2	4S	1W	
188.06	191.11	3.05	3.00	98	1.84	60		2	4S	1W	
191.11	194.16	3.05	3.00	98	1.65	54		2	3S	1W	
194.16	197.21	3.05	3.02	99	0.69	23		2	2S	1W	
197.21	200.25	3.04	3.05	100	0.14	5		2	0S	2W	
200.25	203.30	3.05	2.94	96	0.71	23		1	1S	2W	
203.30	206.35	3.05	3.05	100	0.50	16		1	0S	2W	
206.35	209.40	3.05	2.89	95	0.61	20		2	0S	1W	
209.40	212.45	3.05	2.93	96	0.92	30		2	3S	1W	
212.45	215.49	3.04	2.92	96	1.27	42		2	1S	1W	
215.49	218.54	3.05	2.95	97	1.76	58		2	5S	1W	
218.54	221.59	3.05	2.94	96	1.42	47		2	4S	1W	
221.59	224.64	3.05	3.05	100	1.68	55		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
224.64	227.67	3.03	2.97	98	1.65	54		2	5S	1W	
227.67	230.77	3.10	2.90	94	0.63	20		2	1S	1W	
230.77	233.78	3.01	3.00	100	0.60	20		2	3S	1W	
233.78	236.83	3.05	2.92	96	1.25	41		2	5S	1W	
236.83	237.44	0.61	0.61	100	0.27	44		2	4S	1W	
237.44	239.88	2.44	2.11	86	0.29	12		2	2S	1W	
239.88	242.93	3.05	3.00	98	0.60	20		2	3S	1W	
242.93	245.97	3.04	3.05	100	0.49	16		2	1S	1W	
245.97	249.02	3.05	2.85	93	1.23	40		2	2S	1W	
249.02	252.07	3.05	2.95	97	1.63	53		2	4S	1W	
252.07	255.12	3.05	2.73	90	0.72	24		2	0S	1W	
255.12	258.17	3.05	2.95	97	0.68	22		2	1S	1W	
258.17	260.60	2.43	2.35	97	0.40	16		2	0S	1W	
260.60	261.21	0.61	0.50	82	0.17	28		2	3S	1W	
261.21	264.26	3.05	2.90	95	1.66	54		2	0S	1W	
264.26	267.31	3.05	2.88	94	1.15	38		2	3S	1W	
267.31	270.36	3.05	2.91	95	0.98	32		2	3S	1W	
270.36	273.41	3.05	2.95	97	1.44	47		2	0S	1W	
273.41	276.45	3.04	2.85	94	0.70	23		2	2S	1W	
276.45	279.50	3.05	2.97	97	2.33	76		2	3S	1W	
279.50	282.55	3.05	2.80	92	1.20	39		2	3S	2W	
282.55	284.99	2.44	2.27	93	1.60	66		2	3S	1W	
284.99	285.60	0.61	0.65	107	0.45	74		2	4S	1W	
285.60	288.65	3.05	2.87	94	1.23	40		2	4S	1W	
288.65	291.69	3.04	2.88	95	1.61	53		2	3S	2W	
291.69	294.74	3.05	2.92	96	1.42	47		2	4S	1W	
294.74	297.79	3.05	2.75	90	1.81	59		2	3S	1W	
297.79	300.84	3.05	3.00	98	1.11	36		2	4S	1W	
300.84	303.89	3.05	2.85	93	1.44	47		2	3S	1W	
303.89	306.91	3.02	2.92	97	1.07	35		2	2S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
306.91	309.98	3.07	2.90	94	1.22	40		2	3S	1W	
309.98	313.03	3.05	2.79	91	0.77	25		2	4S	1W	
313.03	316.08	3.05	2.95	97	1.58	52		2	4S	1W	
316.08	319.13	3.05	2.94	96	1.42	47		2	4S	1W	
319.13	322.17	3.04	2.95	97	0.69	23		2	3S	1W	
322.17	325.22	3.05	2.80	92	1.04	34		2	1S	1W	EOH @ 325.22 m

KLAZA

AUGUST 14, 2012Page

Hole: DDH-12-109 Tech Name: T. PRENTICE Date: of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52	-	-	-	-	-	-	Very rubbly
1.52	3.05	1.53	-	-	-	-	-	-	Very rubbly
3.05	6.40	3.35	-	-	-	-	-	-	Very rubbly
6.40	8.23	1.83	-	-	-	-	-	-	Very rubbly
8.23	10.06	1.83	-	-	-	-	-	-	Very rubbly
10.06	11.28	1.22	-	-	-	-	-	-	Very rubbly
11.28	14.33	3.05	60.00	0.20	0.00	3.00	3R	3W	
14.33	16.31	1.98	-	-	-	-	-	-	Very rubbly
16.31	17.37	1.06	-	-	-	-	-	-	Very rubbly
17.37	19.05	1.68	-	-	-	-	-	-	Very rubbly
19.05	20.42	1.37	-	-	-	-	-	-	Very rubbly
20.42	23.47	3.05	75.00	0.45	0.00	2.00	3R	3W	
23.47	25.30	1.83	70.00	0.15	0.00	2.00	3R	2W	
25.30	26.52	1.22	-	-	-	-	-	-	Very rubbly
26.52	27.43	0.91	-	-	-	-	-	-	Very rubbly
27.43	29.57	2.14	65.00	0.15	0.00	2.00	3R	2W	
29.57	32.61	3.04	70.00	0.20	0.00	2.00	3R	3W	
32.61	35.66	3.05	-	-	-	-	-	-	
35.66	38.71	3.05	65.00	0.12	2.00	2.00	3R	3W	
38.71	41.76	3.05	45.00	0.60	0.00	3.00	3R	2W	
41.76	44.81	3.05	60.00	0.10	1.00	2.00	2R	2W	
44.81	47.85	3.04	50.00	0.15	1.00	2.00	3R	2W	
47.85	50.90	3.05	-	-	-	-	-	-	
50.90	53.95	3.05	60.00	0.20	1.00	2.00	2R	2W	
		0.00	45.00	0.15	1.00	2.00	2R	2W	
53.95	57.00	3.05	45.00	0.10	2.00	2.00	3R	1W	
57.00	60.09	3.09	35.00	0.15	1.00	2.00	3R	2W	

KLAZA

		0.00	60.00	0.18	0.00	2.00	2R	2W	
60.09	63.09	3.00	-	-	-	-	-	-	
63.09	66.14	3.05	-	-	-	-	-	-	
66.14	69.19	3.05	-	-	-	-	-	-	
69.19	72.24	3.05	50.00	1.20	0.00	2.00	2R	1W	
72.24	75.29	3.05	50.00	0.25	1.00	2.00	3R	1W	
75.29	78.33	3.04	-	-	-	-	-	-	
78.33	81.38	3.05	50.00	0.10	1.00	2.00	3R	1W	
81.38	84.43	3.05	45.00	0.12	2.00	2.00	2R	1W	
84.43	87.48	3.05	-	-	-	-	-	-	
87.48	90.53	3.05	-	-	-	-	-	-	
90.53	93.57	3.04	70.00	0.08	0.00	2.00	3R	1W	
		0.00	45.00	0.30	0.00	2.00	3R	1W	
93.57	96.62	3.05	-	-	-	-	-	-	
96.62	99.67	3.05	45.00	0.25	0.00	2.00	3R	1W	
99.67	102.72	3.05	60.00	0.28	1.00	2.00	2R	1W	
102.72	105.77	3.05	55.00	0.70	0.00	2.00	3R	1W	
105.77	108.81	3.04	-	-	-	-	-	-	
108.81	111.86	3.05	-	-	-	-	-	-	
111.86	114.91	3.05	30.00	0.70	2.00	2.00	2R	1W	
114.91	117.96	3.05	60.00	0.15	0.00	2.00	2R	1W	
117.96	121.01	3.05	60.00	0.25	0.00	2.00	3R	1W	
121.01	124.05	3.04	30.00	0.05	4.00	2.00	3R	1W	
		0.00	60.00	0.25	0.00	2.00	3R	1W	
124.05	127.10	3.05	25.00	0.03	2.00	2.00	3R	2W	
		0.00	55.00	0.07	0.00	2.00	3R	2W	
127.10	129.54	2.44	-	-	-	-	-	-	
129.54	130.15	0.61	-	-	-	-	-	-	
130.15	133.20	3.05	45.00	0.35	0.00	1.00	2R	1W	
133.20	136.25	3.05	-	-	-	-	-	-	
136.25	139.29	3.04	75.00	0.83	0.00	1.00	2R	1W	
139.29	141.12	1.83	-	-	-	-	-	-	
141.12	142.34	1.22	-	-	-	-	-	-	
142.34	145.39	3.05	70.00	0.43	0.00	1.00	2R	1W	
145.39	148.44	3.05	75.00	0.03	0.00	1.00	2R	1W	
148.44	149.66	1.22	55.00	0.24	0.00	1.00	2R	1W	
149.66	151.49	1.83	-	-	-	-	-	-	
151.49	154.53	3.04	-	-	-	-	-	-	

KLAZA

154.53	157.58	3.05	60.00	0.25	0.00	1.00	2R	1W	
157.58	160.63	3.05	60.00	0.35	0.00	1.00	2R	1W	
160.63	163.68	3.05	-	-	-	-	-	-	
163.68	166.73	3.05	65.00	0.41	0.00	2.00	3R	1W	
166.73	168.55	1.82	-	-	-	-	-	-	
168.55	169.17	0.62	50.00	0.20	0.00	1.00	2R	1W	
169.17	171.60	2.43	70.00	0.20	0.00	2.00	3R	1W	
171.60	172.82	1.22	-	-	-	-	-	-	
172.82	175.87	3.05	60.00	0.14	0.00	2.00	3R	1W	
175.87	178.92	3.05	60.00	0.11	0.00	1.00	2R	1W	
178.92	181.97	3.05	50.00	0.34	0.00	1.00	2R	1W	
181.97	185.01	3.04	60.00	0.08	0.00	1.00	2R	1W	
185.01	188.06	3.05	50.00	0.18	0.00	1.00	2R	1W	
188.06	191.11	3.05	60.00	1.11	0.00	1.00	2R	2W	
191.11	194.16	3.05	50.00	0.48	0.00	1.00	2R	1W	
194.16	197.21	3.05	65.00	1.30	0.00	1.00	2R	1W	
197.21	200.25	3.04	-	-	-	-	-	-	
200.25	203.30	3.05	60.00	0.27	0.00	1.00	2R	1W	
203.30	206.35	3.05	70.00	0.04	0.00	1.00	2R	2W	
206.35	209.40	3.05	-	-	-	-	-	-	
209.40	212.45	3.05	60.00	0.03	0.00	1.00	2R	1W	
212.45	215.49	3.04	62.00	0.45	0.00	1.00	2R	1W	
215.49	218.54	3.05	70.00	0.09	0.00	1.00	3R	1W	
218.54	221.59	3.05	50.00	0.47	0.00	1.00	2R	1W	
221.59	224.64	3.05	-	-	-	-	-	-	
224.64	227.67	3.03	50.00	0.32	0.00	1.00	2R	1W	
227.67	230.77	3.10	50.00	0.18	0.00	1.00	2R	1W	
230.77	233.78	3.01	60.00	0.28	0.00	1.00	2R	1W	
233.78	236.83	3.05	55.00	0.37	0.00	1.00	2R	1W	
236.83	237.44	0.61	70.00	0.00	0.00	1.00	2R	1W	
237.44	239.88	2.44	-	-	-	-	-	-	
239.88	242.93	3.05	-	-	-	-	-	-	
242.93	245.97	3.04	-	-	-	-	-	-	
245.97	249.02	3.05	-	-	-	-	-	-	
249.02	252.07	3.05	75.00	0.21	0.00	1.00	2R	1W	
252.07	255.12	3.05	-	-	-	-	-	-	
255.12	258.17	3.05	-	-	-	-	-	-	
258.17	260.60	2.43	60.00	0.18	0.00	1.00	2R	1W	

KLAZA

260.60	261.21	0.61	-	-	-	-	-	-	
261.21	264.26	3.05	75.00	0.16	0.00	1.00	3R	1W	
264.26	267.31	3.05	65.00	0.47	0.00	1.00	2R	1W	
267.31	270.36	3.05	-	-	-	-	-	-	
270.36	273.41	3.05	75.00	0.13	0.00	1.00	2R	1W	
273.41	276.45	3.04	-	-	-	-	-	-	
276.45	279.50	3.05	70.00	0.13	3.00	1.00	2R	1W	
279.50	282.55	3.05	50.00	0.40	0.00	1.00	2R	2W	
282.55	284.99	2.44	70.00	0.12	0.00	1.00	2R	1W	
284.99	285.60	0.61	-	-	-	-	-	-	
285.60	288.65	3.05	50.00	0.16	1.00	1.00	2R	2W	
288.65	291.69	3.04	60.00	0.18	0.00	1.00	2R	1W	
291.69	294.74	3.05	-	-	-	-	-	-	
294.74	297.79	3.05	65.00	0.12	0.00	1.00	2R	1W	
297.79	300.84	3.05	60.00	0.18	0.00	1.00	2R	1W	
300.84	303.89	3.05	60.00	0.86	0.00	1.00	2R	1W	
303.89	306.91	3.02	60.00	0.05	0.00	1.00	2R	1W	
306.91	309.98	3.07	70.00	0.20	0.00	1.00	2R	1W	
309.98	313.03	3.05	50.00	0.44	0.00	1.00	3R	1W	
313.03	316.08	3.05	45.00	0.11	0.00	1.00	2R	1W	
316.08	319.13	3.05	60.00	0.23	0.00	1.00	2R	1W	
319.13	322.17	3.04	52.00	0.13	0.00	1.00	2R	1W	
322.17	325.22	3.05	70.00	0.23	0.00	1.00	2R	1W	EOH @ 325.22 m

KLAZA

Hole: DDH-12-109 **Date: AUGUST 14, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	25.70	
2.00	21.40	
3.00	1.31	
4.00	4.55	
5.00	1.10	
6.00	0.67	
7.00	2.87	
8.00	6.44	
9.00	2.54	
10.00	3.25	
11.00	10.70	
12.00	3.38	
13.00	6.03	
14.00	4.08	
15.00	5.01	
16.00	5.59	
17.00	12.90	
18.00	8.76	
19.00	6.93	
20.00	14.20	
21.00	1.61	
22.00	1.57	
23.00	7.30	
24.00	10.10	
25.00	14.40	
26.00	8.72	
27.00	3.44	
28.00	5.39	
29.00	13.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	5.63	
31.00	8.41	
32.00	9.40	
33.00	19.20	
34.00	16.50	
35.00	21.00	
36.00	15.20	
37.00	22.50	
38.00	3.64	
39.00	21.00	
40.00	20.90	
41.00	17.50	
42.00	5.34	
43.00	20.30	
44.00	18.90	
45.00	6.86	
46.00	15.10	
47.00	10.90	
48.00	4.92	
49.00	4.75	
50.00	11.30	
51.00	3.23	
52.00	6.16	
53.00	1.42	
54.00	10.10	
55.00	13.50	
56.00	8.54	
57.00	2.06	
58.00	7.85	
59.00	15.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	14.40	
61.00	3.98	
62.00	2.10	
63.00	6.86	
64.00	1.70	
65.00	3.82	
66.00	12.80	
67.00	15.10	
68.00	5.61	
69.00	1.62	
70.00	3.67	
71.00	2.54	
72.00	20.10	
73.00	21.10	
74.00	24.10	
75.00	21.40	
76.00	24.80	
77.00	11.90	
78.00	24.20	
79.00	20.50	
80.00	20.90	
81.00	17.60	
82.00	24.00	
83.00	3.44	
84.00	1.62	
85.00	2.39	
86.00	3.27	
87.00	1.31	
88.00	5.47	
89.00	18.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	14.40	
91.00	20.00	
92.00	11.50	
93.00	5.72	
94.00	23.90	
95.00	11.40	
96.00	16.30	
97.00	11.50	
98.00	17.60	
99.00	18.30	
100.00	19.70	
101.00	8.69	
102.00	2.32	
103.00	19.80	
104.00	9.07	
105.00	20.50	
106.00	18.10	
107.00	20.30	
108.00	22.80	
109.00	20.20	
110.00	22.60	
111.00	20.20	
112.00	20.90	
113.00	20.00	
114.00	17.40	
115.00	17.60	
116.00	21.60	
117.00	19.80	
118.00	9.07	
119.00	19.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	21.40	
121.00	19.40	
122.00	24.90	
123.00	19.80	
124.00	23.20	
125.00	24.00	
126.00	21.20	
127.00	8.61	
128.00	12.00	
129.00	18.20	
130.00	18.50	
131.00	22.40	
132.00	9.51	
133.00	20.60	
134.00	14.70	
135.00	10.80	
136.00	22.60	
137.00	19.60	
138.00	20.00	
139.00	22.80	
140.00	19.50	
141.00	18.70	
142.00	16.90	
143.00	18.30	
144.00	18.50	
145.00	11.30	
146.00	24.80	
147.00	1.77	
148.00	12.50	
149.00	3.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	4.46	
151.00	11.70	
152.00	7.42	
153.00	4.52	
154.00	5.63	
155.00	4.09	
156.00	1.90	
157.00	20.00	
158.00	3.56	
159.00	11.70	
160.00	3.18	
161.00	12.30	
162.00	1.84	
163.00	2.72	
164.00	3.22	
165.00	19.40	
166.00	15.00	
167.00	4.77	
168.00	9.79	
169.00	8.05	
170.00	1.13	
171.00	3.84	
172.00	1.55	
173.00	2.61	
174.00	10.40	
175.00	2.96	
176.00	4.37	
177.00	10.20	
178.00	2.15	
179.00	1.75	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	2.39	
181.00	3.45	
182.00	2.25	
183.00	1.40	
184.00	22.50	
185.00	17.00	
186.00	4.24	
187.00	2.32	
188.00	10.70	
189.00	24.90	
190.00	17.10	
191.00	2.69	
192.00	3.14	
193.00	6.40	
194.00	18.10	
195.00	19.20	
196.00	5.19	
197.00	9.42	
198.00	25.70	
199.00	20.20	
200.00	3.01	
201.00	21.20	
202.00	23.90	
203.00	24.70	
204.00	3.64	
205.00	21.00	
206.00	4.59	
207.00	8.36	
208.00	14.20	
209.00	13.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	20.10	
211.00	16.00	
212.00	11.70	
213.00	22.80	
214.00	20.60	
215.00	20.40	
216.00	23.20	
217.00	24.40	
218.00	11.10	
219.00	17.10	
220.00	14.00	
221.00	16.20	
222.00	19.00	
223.00	15.50	
224.00	17.40	
225.00	16.50	
226.00	19.40	
227.00	23.30	
228.00	1.82	
229.00	16.50	
230.00	21.90	
231.00	4.32	
232.00	15.40	
233.00	11.30	
234.00	7.50	
235.00	13.80	
236.00	19.80	
237.00	16.80	
238.00	6.78	
239.00	18.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	2.31	
241.00	21.60	
242.00	13.10	
243.00	5.53	
244.00	8.85	
245.00	18.30	
246.00	1.06	
247.00	0.38	
248.00	0.34	
249.00	7.23	
250.00	0.45	
251.00	0.36	
252.00	1.33	
253.00	5.00	
254.00	1.37	
255.00	0.92	
256.00	0.49	
257.00	2.05	
258.00	8.58	
259.00	0.16	
260.00	0.45	
261.00	0.49	
262.00	0.45	
263.00	0.59	
264.00	0.45	
265.00	0.38	
266.00	0.49	
267.00	0.12	
268.00	0.34	
269.00	0.79	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.38	
271.00	0.84	
272.00	0.75	
273.00	0.14	
274.00	0.28	
275.00	0.28	
276.00	0.34	
277.00	0.20	
278.00	15.10	
279.00	14.10	
280.00	8.44	
281.00	12.00	
282.00	15.10	
283.00	17.40	
284.00	15.10	
285.00	10.30	
286.00	13.00	
287.00	2.15	
288.00	29.10	
289.00	17.00	
290.00	11.00	
291.00	19.00	
292.00	13.70	
293.00	14.00	
294.00	14.80	
295.00	15.60	
296.00	7.62	
297.00	16.90	
298.00	20.20	
299.00	13.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	15.70	
301.00	8.02	
302.00	16.90	
303.00	11.50	
304.00	8.83	
305.00	2.05	
306.00	10.60	
307.00	17.40	
308.00	20.40	
309.00	7.66	
310.00	18.20	
311.00	1.76	
312.00	11.50	
313.00	14.70	
314.00	11.30	
315.00	9.22	
316.00	11.40	
317.00	8.67	
318.00	8.52	
319.00	15.10	
320.00	4.44	
321.00	15.30	
322.00	12.30	
323.00	17.80	
324.00	9.28	
325.00	3.30	EOH

KLAZA

Hole: DDH-12-109 **Date:** AUGUST 14, 2012

Box #	From (m)	To (m)
1	0.00	4.85
2	4.85	6.77
3	6.77	12.10
4	12.10	17.52
5	17.52	23.36
6	23.36	29.05
7	29.05	34.76
8	34.76	40.38
9	40.38	46.07
10	46.07	51.35
11	51.35	56.75
12	56.75	62.48
13	62.48	68.15
14	68.15	73.97
15	73.97	79.63
16	79.63	85.27
17	85.27	90.60
18	90.60	96.53
19	96.53	102.00
20	102.00	107.89
21	107.89	113.57
22	113.57	118.74
23	118.74	124.28
24	124.28	129.54
25	129.54	135.30
26	135.30	140.89
27	140.89	146.30
28	146.30	151.49
29	151.49	156.60

KLAZA

30	156.60	162.00
31	162.00	167.43
32	167.43	172.92
33	172.92	178.59
34	178.59	184.39
35	184.39	190.15
36	190.15	195.83
37	195.83	201.03
38	201.03	206.25
39	206.25	212.00
40	212.00	217.76
41	217.76	223.37
42	223.37	229.24
43	229.24	235.04
44	235.04	240.81
45	240.81	246.18
46	246.18	252.07
47	252.07	258.09
48	258.09	263.34
49	263.34	269.01
50	269.01	274.61
51	274.61	279.96
52	279.96	285.60
53	285.60	291.62
54	291.62	297.58
55	297.58	302.31
56	302.31	309.19
57	309.19	315.04
58	315.04	320.74
59	320.74	325.22
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383393.03	6889366.9	1411.089	395.33

SECTION:

HOLE: DDH-KL-12-110

CLAIM: YC39055

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 13-16th, 2012

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.10	8.10	OVB	Oxidized overburden with granodiorite boulders.
8.10	74.14	66.04	GRD	Oxidized granodiorite with patches of phyllic alteratio
74.14	92.38	18.24	GRD	Argillic altered granodiorite with phyllic patches.
92.38	99.69	7.31	FEL	Partially gouge altered quartz feldspar porphyry dyke
99.69	103.03	3.34	GRD	Quartz/carbonate breccia and phyllic granodiorite.
103.03	209.14	106.11	GRD	Granodiorite with patchy phyllic alteration that hosts
				disseminated pyrite and quartz/sulphide veins.
209.14	214.76	5.62	GRD	Phyllic granodiorite hosting quartz/pyrite vein zones.
214.76	224.00	9.24	GRD	Large alternating patches phyllic and argillic alteratio
224.00	248.16	24.16	GRD	Propyllitic altered granodiorite with phyllic envelopes
				around quartz pyrite/veins and veinlets.
248.16	249	0.84	GRD	Argillic alteration with a phyllic overprint.
249.00	283.38	34.38	GRD	Phyllic granodiorite with patchy propyllitic alteration.
283.38	284.96	1.58	FEL	Grey quartz feldspar porphyry dyke.
284.96	345.64	60.68	GRD	Argillic with phyllic overprinting and phyllic envelopes
345.64	376.96	31.32	GRD	Silicified propyllitic altered granodiorite.
376.96	395.33	18.37	GRD	Argillic alteration with propyllitic for the last 10m.

SAMPLES

Numbers: M355632 - M358234

Total: 302

Batch: 1-9

Date Sent:

Certificate:

COMMENTS

EOH = 395.33 m

KLAZA

Hole: DDH-KL-12-110 **Logger Name:** D. Walsh **Date: Aug 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	8.10	8.10				mKgW	GRD	MG		BN		3I									Oxidized overburden with granodiorite boulders, some of which are silicified.
										GY	PA		4I								
8.10	10.27	2.17				mKgW	GRD	MG		GY			4I								Strongly oxidized granodiorite.
10.27	18.70	8.43				mKgW	GRD	MG		GN				PHC	4I						Strongly oxidized and strongly phyllic altered granodiorite with patches of strong silicification. Oxidation obscures textures.
										GY	PA										
										OR		4I									
18.70	36.83	18.13				mKgW	GRD	MG		OR		3I									Grey granodiorite with patchy oxidation that decreases with depth.
										GY											
			20.42	20.82	0.40	mKgW	GRD	MG		GN				PHC	4I	1.00					Strongly phyllic altered granodiorite hosting disseminated pyrite along with a grey /orange oxidized gouge vein.
										GY											
			23.33	33.24	9.91	mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderately oxidized, moderate to strongly phyllic altered granodiorite with patchy argillic altered granodiorite. Strong phyllic patches host disseminated pyrite.
										GY	PA										
										OR		3I									
										WH	PA			ARG	3I						
			34.38	34.58	0.20	mKgW	GRD	MG		GN	EN			PHC	4I	1.00					Strong phyllic envelope surrounding a milky white quartz and blebby vein hosting disseminated pyrite.
										GY											
36.83	64.84	28.01				mKgW	GRD	MG		GN				PHC	2-4I	5.00					Weak to strong phyllic altered granodiorite hosting an abundance of pyrite veinlets and disseminated pyrite. Phyllic alteration increases with depth.
										GY											
64.84	71.14	6.30				mKgW	GRD	MG		GY											Granodiorite with moderate oxidation along fractures.
										OR	PA	3I									
74.14	92.38	18.24				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with patches of moderate potassic overprint an moderate phyllic envelopes.
										PK	PA			POT	3I						
									LT	GN	EN										
			75.29	80.27	4.98	mKgW	GRD	MG		GN				PHC	4I	I					Moderately silicified , weak to moderately oxidized and strongly phyllic altered
										GY	PA										
										OR		2-3I									
			82.63	83.17	0.54	mKgW	GRD	MG		GN	EN			PHC	3I	3.00					Moderate phyllic envelope hosting disseminated to blebby pyrite. The envelope surrounds a quartz carbonate vein which hosts disseminated pyrite and galena.
			85.13	85.68	0.55	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate to strong envelope surrounding fourteen pyrite veinlets.
			89.40	89.99	0.59	mKgW	GRD	MG	LT	GN	EN			PHC	3-4I	1.00					Moderate to strong phyllic envelope surrounding a quartz/pyrite vein and hosts disseminated pyrite.
			90.81	90.98	0.17	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderate phyllic envelope surrounding two quartz/pyrite veinlets and hosting disseminated pyrite.
										GY											
			92.14	92.38	0.24	mKgW	GRD	MG		GN				PHC	4I						Strongly phyllic altered granodiorite hosting an abundance of tan carbonate veinlet's and stringers.
										GY											
92.38	99.69	7.31				LKqP	FEL			GY											Grey partially gouge altered quartz feldspar porphyry dyke.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			99.00	99.69	0.69	LKqP	FEL			GY											Intermixed quartz feldspar porphyry dyke and silicified phyllic altered granodiorite. The interval alternated between dyke hosting granodiorite clasts and granodiorite hosting clasts of dyke. The granodiorite hosts disseminated pyrite and the entire interval in partially gouge altered.
									DK	GY			3I								
99.69	100.17	0.48					BXA			TN											Tan carbonate and grey gouge breccia hosting disseminated pyrite.
										GY											
100.17	103.03	2.86				mKgW	GRD	MG		GN				PHC	3I						Partially gouge altered moderate phyllic altered granodiorite hosting a large white/grey quartz vein.
103.03	209.14	106.11				mKgW	GRD	MG		GY											Grey granodiorite with occasional large patches of weak to moderate haematization along fractures. Contains a few patches of weak argillic alteration.
										RD				HEM	2-3I						
										WH	PA			ARG	2I						
			113.22	115.30	2.08	mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strong phyllic altered granodiorite hosting a quartz sulphide vein, a massive sulphide vein and disseminated pyrite.
			116.15	116.62	0.47	mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strong phyllic altered granodiorite hosting six pyrite stringers.
										GY											
			135.73	136.54	0.81	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			136.54	137.97	1.43	mKgW	GRD	MG		GN				PHC	3-4I	3.00					Moderate to strong phyllic envelope surrounding a grey/green gouge vein hosting disseminated pyrite and a smokey quartz/white carbonate vein hosting disseminated to semi-massive pyrite, blebby sphalerite and disseminated arsenopyrite.
			144.86	145.74	0.88	mKgW	GRD	MG		GN				PHC	3I	<1					Moderately phyllic and haematite stained granodiorite hosting trace pyrite.
									DK	RD				HEM	3I						
			145.74	147.50	1.76	mKgW	GRD	MG	DK	GN				PRO	3I	<1		Ep	3.00		Moderately propyllitic altered granodiorite that has been moderately silicified and has a weak haematite staining along fractures. The interval host disseminated pyrite and epidote.
										GY			3I								
										RD				HEM	2I						
			150.39	153.07	2.68	mKgW	GRD	MG	DK	GN				PRO	2I	<1		Ep	3.00		Weakly propyllitic altered granodiorite that has been moderately silicified. The interval hosts disseminated pyrite and epidote and has weak haematite staining along fractures.
										GY			3I								
										RD				HEM	2I						
			156.78	157.40	0.62	mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderate argillic alteration with a moderate potassic overprint and moderate propyllitic alteration.
										PK	PA			POT	3I						
									DK	GN	PA			PRO	3I						
			157.84	158.42	0.58	mKgW	GRD	MG		GN				PHC	3-4I	<1					Moderate to strong phyllic altered granodiorite which hosts disseminated pyrite.
										GY											
			159.23	160.26	1.03	mKgW	GRD	MG	LT	GN				PHC	2-3I						Weak to moderate phyllic altered granodiorite.
			161.23	161.80	0.57	mKgW	GRD	MG		GN				PHC	4I	1.00		Gn	<1		Strongly phyllic altered granodiorite that has been moderately silicified and hosts a smokey quartz/sulphide vein.
										GY			3I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			163.90	165.06	1.16	mKgW	GRD	MG		WH	EN			ARG	3I	<1					Moderate argillic envelope with a moderate potassic overprint around a moderate to strong phyllic envelope that is moderately silicified. Phyllic envelope hosts disseminated pyrite. The phyllic envelope is surrounding a black breccia.
										PK	EN			POT	3I						
										GN	EN			PHC	3-4I						
										GY			3I								
			169.24	170.53	1.29	mKgW	GRD	MG		GN	EN			PHC	3-4I	<1					Moderate to stronger phyllic envelope surrounding a black gouge vein which hosts disseminated pyrite.
										GY											
			171.66	181.79	10.13	mKgW	GRD	MG	DK	GN				PRO	2I	<1		Ep	3.00		Weakly propyllitic and moderately phyllic altered granodiorite with a weak haematite staining along some fracture surfaces. The interval hosts disseminated pyrite and epidote.
										GY			3I								
										RD				HEM	2I						
			182.68	184.17	1.49	mKgW	GRD	MG		GN	EN			PHC	3-4I	1.00					Moderate to strongly phyllic envelope surrounding grey quartz and semi-massive pyrite vein. The interval is moderately silicified and hosts disseminated pyrite.
										GY			3I								
			185.41	186.12	0.71	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite.
			195.10	203.55	8.45	mKgW	GRD	MG		GN				PHC	3-5I	<1					Moderate to strongly phyllic altered granodiorite with a high abundance of quartz/sulphide veins, veinlets and stringers. The large quartz sulphide veins have intense phyllic and strongly silicified envelopes. These envelopes host minor amounts of disseminated sulphides.
										BL	EN			PHC	5I						
										GY	EN		4I								
			203.55	206.35	2.80	mKgW	GRD	MG		WH	PA			ARG	3I						Moderate phyllic alteration alternating with moderate argillic alteration with a weak phyllic overprint.
									LT	GN	PA			PHC	2-3I						
209.14	214.76	5.62				mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strong phyllic altered granodiorite hosting disseminated pyrite, pyrite veinlets and an abundance of quartz carbonate veins which hosts disseminated pyrite. Phyllic altered granodiorite is strongest around veins and vein zones.
214.76	216.27	1.51				mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderate propyllitic and moderate argillic alteration.
									DK	GN	PA			PRO	3I						
216.27	220.22	3.95				mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with a patches of moderate argillic alteration. The interval hosts multiple white carbonate and grey quartz veins and veinlets which hosts disseminated pyrite and one large grey quartz and white carbonate vein hosting semi-massive pyrite.
										WH	PA			ARG	3I						
220.22	223.62	3.40				mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strong phyllic altered granodiorite hosting disseminated pyrite and an abundance of pyrite veinlets and quartz pyrite veins.
										GY											
223.62	224.00	0.38				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
224.00	248.16	24.16				mKgW	GRD	MG	DK	GN				PRO	1-2I						Trace to weakly propyllitic altered granodiorite with a patch of weak to moderate phyllic alteration and moderate to strong phyllic envelopes surrounding quartz pyrite veins and veinlets.
									LT	GN	PA			PHC	2-3I						
										GN	EN			PHC	3-4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
										GY											
			227.24	227.72	0.48	mKgW	GRD	MG		GN	EN			PHC	4I	<1					Strong phyllic envelope hosting disseminated pyrite, a quartz vein and multiple pyrite veinlets.
									LT	GY	EN										
			228.82	229.00	0.18	mKgW	GRD	MG		GN	EN			PHC	3-4I						Moderate to strong phyllic envelope surrounding four quartz veinlets which hosts disseminate pyrite and arsenopyrite.
										GY											
			229.13	229.94	0.81	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			232.17	234.56	2.39	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple quartz/sulphide veins and veinlets.
										GN	EN			PHC	4I						
										GY											
			235.30	236.00	0.70	mKgW	GRD	MG		GN				PHC	3I						Moderately silicified and moderately phyllic altered granodiorite.
										GY			3I								
			237.37	242.14	4.77	mKgW	GRD	MG		GN				PHC	3I						Moderately silicified and phyllic altered granodiorite hosting multiple grey quartz veins and one smokey quartz/pyrite vein.
										GY			3I								
			243.14	243.53	0.39	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a white carbonate/sulphide vein.
			243.12	245.69	2.57	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strongly phyllic altered granodiorite hosting a few gouge veins and pyrite veinlets.
248.16	249.00	0.84				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint.
									LT	GN				PHC	2I						
249.00	251.13	2.13				mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic altered granodiorite hosting a few gouge veins and pyrite veinlets.
251.13	283.38	32.25				mKgW	GRD	MG		WH				ARG	3I						Moderately phyllic altered granodiorite with patches of strong propyllitic alteration and multiple moderate phyllic envelopes around quartz sulphide veins. The argillic alteration has a moderate potassic overprint.
									DK	GN				PRO	3I						
									LT	GN	EN			PHC	3I						
										PK				POT	3I						
			253.47	253.87	0.40	mKgW	GRD	MG		GN	EN			PHC	3-4I						Moderate to strong phyllic envelope surrounding a smokey quartz and semi-massive pyrite vein.
										GY											
			261.12	263.28	2.16	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting two large quartz veins.
			264.52	267.25	2.73	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite.
										GY											
			269.60	270.50	0.90	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite.
										GY											
			282.00	283.28	1.28	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and moderately propyllitic altered granodiorite.
										GY			3I								
283.38	284.96	1.58				LKqP	FEL			GY											Grey quartz feldspar porphyry dyke.
284.96	286.37	1.41				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic granodiorite with a strong phyllic envelope surrounding two black breccia's. The interval hosts multiple quartz sulphide veins. The interval has patchy moderate silicification.
									LT	GN				PHC	2I						
			285.13	285.60	0.47	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately argillic altered granodiorite with a weak to moderate phyllic overprint.
										GY											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
286.37	297.86	11.49				mKgW	GRD	MG	LT	GN				PHC	3-4I						Moderately propyllitic altered granodiorite.
										GY	PA		3I								
			292.65	295.22	2.57	mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak to moderate phyllic overprint.
									LT	GN				PHC	2-3I						
			295.22	296.30	1.08	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite.
										GY											
297.86	307.23	9.37				mKgW	GRD	MG		WH				ARG	3I						partially gouge altered, moderately argillic altered granodiorite with patches of weak to moderate propyllitic and phyllic alteration.
									DK	GN	PA			PRO	2-3I						
									LT	GN	PA			PHC	2-3I						
			300.27	300.89	0.62	mKgW	GRD	MG		GN				PHC	4I	1.00					Strongly phyllic envelope surrounding quartz/carbonate vein hosting disseminated sulphide. Envelope hosts disseminated pyrite and pyrite veinlets.
										GY											
			303.94	304.62	0.68	mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderate to strongly phyllic altered granodiorite hosting disseminated pyrite and multiple quartz/pyrite or quartz/carbonate/pyrite veins and veinlets.
										GY											
307.23	316.80	9.57				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate potassic and weak phyllic overprint.
										PK				POT	3I						
									LT	GN				PHC	2I						
			313.48	314.88	1.40	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic overprint with a weak potassic overprint.
										PK				POT	2I						
316.80	319.62	2.82				mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic altered granodiorite.
319.62	323.15	3.53				mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic altered granodiorite hosting a high abundance of quartz veining with disseminated pyrite and strong silica flooding.
										GY			4I								
323.15	324.71	1.56				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak phyllic and propyllitic overprint.
									LT	GN				PHC	2I						
									DK	GN				PRO	2I						
324.71	326.14	1.43				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a moderate phyllic and weak propyllitic overprint that is strongly silicified and hosts an abundance of grey quartz veining and disseminated to blebby pyrite. The texture of the rock and pyrite is blotchy.
									LT	GN				PHC	3I						
									DK	GY				PRO	2I						
										GY			4I			8.00					
326.14	327.38	1.24				mKgW	GRD	MG		WH				ARG	3I						Strongly silicified moderate argillic altered granodiorite with w weak potassic overprint.
										PK				POT	2I						
										GY			4I								
327.38	332.15	4.77				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate phyllic overprint.
									LT	GN				PHC	3I						
			329.12	329.45	0.33		BXA			GN				PHC	3I						Strongly silicified breccia with phyllic granodiorite and quartz clasts in a smokey quartz matrix. The breccia hosts disseminated pyrite and quartz clasts which host disseminate pyrite.
									DK	GY			4I			3.00					

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			329.80	330.40	0.60		BXA		LT	GY				PHC	3I						Appears to be fine grained clay and phyllic altered granodiorite and possibly clay altered dyke clasts in a dark grey smokey quartz matrix.. The clasts are light green and soft.
									DK	GY			4I								
			330.40	330.52	0.12	mKgW	GRD	MG	LT	OR											Moderately silicified and light orange clay altered granodiorite.
										GY											
			330.52	331.17	0.65		BXA		LT	OR											Strongly silicified light orange clay altered granodiorite breccia. The matrix is grey quartz with large grey/orange silicified granodiorite clasts. The quartz matrix hosts trace amounts of disseminated pyrite.
										GY			4I			<1					
332.15	337.76	5.61				LKqP	FEL			GY											Grey/green quartz feldspar porphyry dyke.
										GN											
337.76	345.64	7.88				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate phyllic and weak propyllitic overprint. The interval hosts multiple grey-black silicified breccia's.
										GN				PHC	3I						
									DK	GN				PRO	3I						
			340.29	342.21	1.92	mKgW	GRD	MG		GN				PHC	3I	1.00					Strong to intensely silicified and moderately phyllic altered granodiorite hosting disseminated pyrite.
										GY			4-5I								
			344.44	345.64	1.20	mKgW	GRD	MG		GN				PHC	3I						Moderately silicified and moderately phyllic altered granodiorite.
										GY			3I								
345.64	376.96	31.32				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic and moderately silicified altered granodiorite.
										GY			3I								
			350.88	351.89	1.01	mKgW	GRD	MG		WH				ARG	3I						Strongly silicified and moderately argillic altered granodiorite with a moderate propyllitic overprint. The last 30 cm of the interval have an increase in propyllitic alteration and exhibit a blotchy texture.
										GY			4I								
									DK	GN				PRO	3I						
			351.89	353.31	1.42	mKgW	GRD	MG		GN				PHC	3I						Strongly silicified and moderately phyllic and propyllitic altered granodiorite.
										GY			4I								
									DK	GN				PRO	3I						
			355.45	357.02	1.57	mKgW	GRD	MG		WH				ARG	3I						Moderately silicified, moderately argillic altered granodiorite with a moderate phyllic and weak propyllitic overprint.
									LT	GN				PHC	3I						
										GY			3I								
									DK	GN				PRO	2I						
			358.72	360.95	2.23	mKgW	GRD	MG		WH	EN			ARG	3I						Weak to strongly silicified and moderate argillic envelope with a moderate propyllitic and phyllic overprint around a gouge/quartz vein. Silicification is strongest around the gouge vein.
										GN				PHC	33I						
									DK	GN				PRO	3I						
										GY			2-4I								
			365.18	366.31	1.13	mKgW	GRD	MG		GN				PHC	3I						Moderately silicified and moderately phyllic altered envelope hosting two quartz/pyrite veins. The envelope is a green/orange color.
										GY			3I								
										OR											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			366.31	370.94	4.63	mKgW	GRD	MG	DK	GN				PRO	3I			Ep	3.00		Moderately silicified and moderately propyllitic altered granodiorite with a weak haematite overprint. The interval hosts disseminated to blebby epidote.
										GY			3I								
									DK	RD				HEM	2I						
376.96	382.17	5.21				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak to moderate propyllitic overprint. The interval hosts a high abundance of quartz/pyrite veinlets with 3-10cm moderate phyllic envelopes and two gouge zones.
										GN				PHC	3-4I						
									DK	GN				PRO	2-3I						
382.17	386.32	4.15				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak to moderate propyllitic overprint and patchy moderate potassic overprint.
									DK	GN				PRO	2-3I						
										PK	PA			POT	3I						
386.32	395.33	9.01				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with patches of argillic alteration.
										WH	PA			ARG	3I						
			387.85	390.22	2.37	mKgW	GRD	MG		GN	EN			PHC	3-4I	1.00					Moderate to strong phyllic envelope surrounding two quartz pyrite veins and black breccia. Hosting disseminated pyrite.
																					EOH

KLAZA

Hole: DDH-KL-12-110 Logger Name: D. Walsh

Depth (m)		DESCRIPTION
92.38		Shard contact between strongly phyllic altered granodiorite and grey quartz felsdpar porphyry dyke.
99.69		Gradational contact between tan carbonate and grey gouge breccia and grey quartz felsdpar porphyry dyke.
283.38		Shard contact between moderately phyllic altered granodiorite and grey quartz felsdpar porphyry dyke.
284.96		Shard contact between moderately argillic altered granodiorite and grey quartz felsdpar porphyry dyke.
332.15		Shard contact between moderately argillic altered granodiorite with a moderate phyllic overprint and grey/green quartz felsdpar porphyry dyke.
337.76		Shard contact between moderately argillic altered granodiorite with a moderate phyllic overprint and grey/green quartz felsdpar porphyry dyke.
		EOH

KLAZA

Hole: DDH-KL-12-110 **Logger Name:** D. Walsh **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	9.85	9.91						Oxidized orange/grey gouge vein.	
VN	17.37	17.82				Py	1.00	Broken up milky white quartz vein hosting disseminated pyrite.	
VT	18.02	18.03	70.00			Py	100.00	0.8cm pyrite veinlet.	
VT	19.12	20.22			4.00	Py	100.00	Four 1mm pyrite veinlets.	
VT	21.10	22.36			3.00	Py	40.00	Three quartz pyrite veinlets.	
VT	23.66	24.64			9.00	Py	100.00	Nine 0.1-0.3cm pyrite veinlets.	
VT	25.98	25.99	65.00			Py	100.00	0.8cm pyrite veinlet.	
GO	29.32	29.35				Py	20.00	Grey/orange oxidized vein hosting disseminated pyrite. The vein is broken up and rubbly.	
VT	30.54	30.55	75.00			Py	50.00	Grey quartz and blebby pyrite veinlet.	
GO	32.66	32.69				Py	60.00	Grey gouge and pyrite vein.	
VN	32.77	32.78	70.00			Py	40.00	Milky white quartz vein hosting disseminated pyrite.	
VN	34.46	34.48	70.00			Py	25.00	Milky white quartz vein hosting disseminated pyrite.	
VN	36.83	36.84	70.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite and disseminated galena and arsenopyrite.	
						Gn	2.00		
						As	<1		
VN	37.32	37.33	70.00			Py	100.00	Pyrite vein.	
ST	37.36	37.57	60.00		4.00	Py	100.00	Four pyrite stringers.	
VN	38.00	38.01				Py	30.00	Grey quartz and blebby pyrite veinlet.	
VN	38.97	38.98	70.00			Py	30.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	41.74	41.85	25.00			Py	3.00	Grey and milky white quartz vein hosting disseminate pyrite and sphalerite	
						Sp	1.00		
VT	41.92	42.09	75.00			Py	5.00	Two grey quartz veinlets hosting disseminated to blebby pyrite and sphalerite (0.5cm).	
						Sp	7.00		
VN	42.17	42.19	50.00			Py	50.00	Grey quartz and semi-massive pyrite vein.	
VT	42.67	42.68	15.00			Py	1.00	Low angle 0.8cm grey quartz vein hosting disseminated pyrite.	
VN	42.94	42.98	20.00			Py	3.00	Milky white quartz vein hosting disseminated pyrite and sphalerite.	
						Sp	1.00		
VT	43.60	43.98	75.00		6.00	Py	100.00	Six 0. to 0.5cm pyrite veinlets.	
VT	44.40	44.41	85.00			Py	15.00	0.9cm grey quartz veinlet hosting blebby pyrite.	
GO	44.93	45.17						Orange and brown gouge vein.	
VN	45.18	45.84	25.00			Py	10.00	Milky white quartz vein hosting disseminated to blebby pyrite.	
VN	45.70	46.07	10.00			Py	10.00	Long low angle quartz milky white quartz vein hosting disseminated pyrite.	
VT	47.85	47.86	70.00			Py	10.00	0.3 cm pyrite veinlet	
VT	48.27	49.80			8.00	Py	100.00	Eight pyrite veinlets.	
VN	49.40	50.02	10.00			Py	1.00	Long low angle quartz vein hosting disseminated pyrite.	
VN	50.00	50.21	65.00			Py	5.00	Partially gouge altered grey quartz vein hosting disseminated pyrite and galena.	
						Gn	1.00		
VN	52.00	52.64	30.00			Py	1.00	Long low angle milky white quartz vein hosting disseminated pyrite.	
VN	53.02	53.08	55.00			Py	25.00	Partially gouge altered oxidized vein hosting disseminated to blebby pyrite.	
VN	53.08	53.86	7.00			Py	3.00	Long low angle milky white to grey quartz vein hosting disseminated to blebby pyrite.	
VT	54.05	54.22	65.00		2.00	Py	80.00	Two grey quartz and blebby pyrite veinlets.	
GO	56.60	56.73				Py	1.00	Partially gouge altered white to black strongly phyllic altered granodiorite which hosts disseminated pyrite.	
VN	56.79	57.00				Py	1.00	Minorly brecciated milky white to smokey quartz vein with minor amount of white carbonate veins hosting disseminated pyrite.	
VN	57.02	57.09				Py	10.00	White carbonate vein hosting disseminated to blebby pyrite, galena and sphalerite.	
						Gn	3.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Sp	5.00		
VN	57.46	57.48	70.00			Py	5.00	Grey quartz and black sulphide vein hosting disseminated pyrite.	
VN	58.97	58.99	65.00			Py	15.00	Grey quartz vein hosting blebby pyrite.	
VN	59.43	59.45	80.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	59.53	59.56	70.00			Py	10.00	White carbonate and smokey quartz vein hosting disseminated to blebby pyrite.	
VN	59.92	59.93	75.00			Py	35.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite.	
ST	60.08	60.49			8.00	Py	100.00	Eight pyrite stringers of differing orientations.	
VN	60.50	60.52	85.00			Py	1.00	Tan carbonate vein hosting disseminated pyrite.	
VT	60.87	60.88	570.00			Py	40.00	0.8cm quartz pyrite veinlet.	
VN	61.47	61.64	55.00		2.00	Py	5.00	Two grey quartz veins hosting disseminated pyrite.	
VN	61.87	61.90	65.00			Py	10.00	Partially gouge altered smokey quartz vein hosting disseminated pyrite.	
VN	62.37	62.41	85.00			Py	40.00	Grey quartz vein hosting disseminate to blebby pyrite.	
VN	62.57	62.59	80.00			Py	7.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	62.80	62.89	60.00			Py	90.00	Smokey quartz and black sulphide vein hosting massive pyrite and disseminated galena.	
						Gn	1.00		
VN	63.11	63.12	85.00			Py	40.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	64.18	64.19	70.00			Py	100.00	Pyrite vein.	
GO	75.43	75.45	30.00			Py	<1	Grey and orange oxidized gouge vein hosting disseminated pyrite.	
VN	75.54	76.53	20.00			Py	1.00	Long low angle milky white quartz and smokey quartz vein hosting disseminated pyrite.	
GO	77.07	77.29	30.00					Oxidized gouge zone hosting strongly phyllic altered clasts.	
VT	77.53	77.54	50.00			Py	30.00	0.8cm quartz veinlet hosting disseminated pyrite.	
VN	77.91	77.92	50.00			Py	10.00	Smokey quartz vein hosting disseminated pyrite.	
VN	78.48	78.60	50.00			Py	1.00	Milky white to grey quartz vein hosting disseminated pyrite.	
VN	82.94	82.96	65.00			Py	7.00	White carbonate vein hosting disseminated pyrite and galena.	
						Gn	1.00		
VN	83.49	83.50	75.00			Py	50.00	Grey quartz and tan carbonate vein hosting blebby pyrite.	
VT	85.30	85.70	85.00		14.00	Py	100.00	Fourteen 0.1-0.6cm pyrite veinlets.	
VN	86.39	86.40	55.00			Py	100.00	Pyrite vein.	
BX	87.80	88.06	20.00					Low angle black breccia vein.	
VT	88.60	88.61	70.00			Py	70.00	0.6cm grey quartz veinlet hosting blebby pyrite and chalcopyrite.	
						Ch	5.00		
VN	89.59	89.60	50.00			Py	60.00	Quartz pyrite vein.	
VT	90.89	90.93	50.00		2.00	Py	15.00	Two 0.4 quartz pyrite veinlets.	
GO	93.05	93.13	55.00					Grey to black gouge vein.	
GO	96.17	96.20	60.00					Grey gouge vein.	
GO	98.34	98.55	50.00					Grey gouge vein.	
BX	99.69	99.84	60.00			Py	10.00	Smokey quartz and black sulphide vein hosting disseminated to blebby pyrite. The interval has been partially gouge altered.	
BX	99.84	100.11	60.00			Py	1.00	Grey quartz and tan carbonate breccia hosting disseminated pyrite. The grey quartz brecciates the tan carbonate.	
GO	100.11	100.17	60.00			Py	1.00	White black gouge vein hosting disseminated pyrite.	
VN	100.51	100.67	65.00			Py	1.00	White and smokey quartz vein hosting disseminated pyrite.	
GO	101.60	101.75				Py	<1	Grey gouge vein hosting disseminated pyrite.	
VN	102.22	103.00	30.00			Py	4.00	Grey and milky white quartz vein hosting disseminated pyrite and a 1cm pyrite vein at the start of the vein.	
VT	133.80	113.81	70.00			Py	20.00	Smokey quartz and white carbonate veinlet hosting disseminated pyrite.	
VN	114.11	114.35	80.00			Py	20.00	Smokey to grey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite. Vein is cross-cut by tan carbonate veinlets.	
						As	<1		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	114.43	114.50	75.00			Py	50.00	Grey quartz vein hosting semi massive pyrite, disseminated to blebby galena, sphalerite and chalcopyrite along with disseminated arsenopyrite.	
						As	3.00		
						Gn	7.00		
						Sp	7.00		
						Ch	15.00		
ST	116.23	116.47	50.00		6.00	Py	100.00	Six pyrite stringers.	
GO	137.00	137.09				Py	5.00	Grey/green gouge vein hosting disseminated pyrite.	
VN	137.09	137.24	75.00			Py	60.00	Grey quartz and tan carbonate vein hosting semi-massive pyrite and blebby sphalerite and disseminated arsenopyrite.	
						Sp	6.00		
						As	1.00		
VN	141.02	141.03	40.00			Py	40.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	150.74	150.76	80.00			Py	30.00	Grey quartz vein hosting blebby pyrite.	
VN	151.94	152.09	60.00			Py	5.00	Milky white and grey quartz vein hosting disseminated to blebby pyrite.	
VT	157.49	157.50	75.00			Py	80.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	158.13	158.15	80.00			Py	10.00	Grey quartz vein hosting disseminated pyrite.	
VT	158.25	158.26	80.00			Py	100.00	Pyrite veinlet.	
VN	159.70	159.72	47.00			Py	12.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	161.54	161.56	85.00			Py	50.00	Smokey quartz vein hosting blebby pyrite and sphalerite along with possible disseminated arsenopyrite.	
						As	1.00		
						Sp	5.00		
VT	161.60	161.61	85.00			Py	50.00	Grey quartz veinlet hosting blebby pyrite.	
BX	164.53	164.60	70.00			Py	5.00	Black breccia whit clasts of white/tan carbonate and grey to smokey quartz hosting disseminated to blebby pyrite.	
VN	166.79	166.81	45.00			Py	30.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
GO	169.56	169.60	65.00			Py	20.00	Black gouge vein hosting disseminated pyrite.	
VN	173.63	173.66	20.00			Py	3.00	Dark grey quartz vein hosting disseminated pyrite.	
VN	177.96	177.35	30.00			Py	5.00	Large low angle milky white quartz vein hosting disseminated to blebby pyrite. Quartz exhibits comb texture.	
VN	183.18	183.29	40.00			Py	60.00	Grey quartz and semi-massive pyrite vein hosting disseminated black sulphides.	
VT	195.77	196.53	70.00		10.00	Py	70.00	Ten 0.1-0.6cm quartz/pyrite veinlets.	
VN	196.58	196.59	60.00			Py	60.00	Dark grey quartz vein hosting blebby to semi massive pyrite and blebby sphalerite. Vein is cross-cut by a 2mm white carbonate veinlet at 60° TCA.	
						Sp	15.00		
VN	197.06	197.18	80.00			Py	5.00	Grey to smokey quartz vein hosting disseminated pyrite and white carbonate blebs.	
VN	197.21	197.50	80.00			Py	1.00	Six 1cm-1.5cm dark grey to smokey quartz veins which host trace amounts of disseminated pyrite.	
BN	197.50	197.60	35.00			Py	15.00	Intensely silicified band of dark grey quartz hosting disseminated to blebby pyrite and sphalerite.	
						Sp	3.00		
VN	197.65	197.66	80.00			Py	15.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite and sphalerite along with disseminated arsenopyrite.	
						As	5.00		
						Sp	7.00		
VN	197.66	197.69	80.00			Py	15.00	Grey quartz vein hosting disseminated pyrite.	
VN	197.82	198.06	70.00			Py	6.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	198.41	198.61	80.00		5.00	Py	2.00	Five 0.4-0.9cm smokey quartz veinlets hosting disseminated pyrite. Phyllic altered granodiorite between veinlets is strongly silicified and hosts disseminated pyrite.	
VN	199.10	199.11	60.00			Py	75.00	Grey quartz vein hosting semi-massive pyrite and blebby sphalerite.	
						Sp	10.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	199.26	199.29	40.00			Py	70.00	Grey quartz vein hosting disseminated to semi massive pyrite. Vein has a intensely silicified phyllic envelope hosting disseminated pyrite.	
VN	199.53	199.56	50.00			Py	80.00	Grey quartz vein hosting disseminated to semi massive pyrite. Vein has a intensely silicified phyllic envelope hosting disseminated pyrite.	
BX	200.03	200.07	85.00			Py	3.00	Silicified grey quartz breccia hosting disseminated pyrite.	
VT	201.40	201.44	45.00		2.00	Py	3.00	Two grey quartz and disseminated pyrite veinlets in an intensely silicified and phyllic envelope hosting disseminated pyrite.	
GO	202.00	202.57				Py	2.00	Partially gouge altered silicified moderate phyllic altered granodiorite hosting disseminated pyrite and two 0.5cm black sulphide veinlets in the last 1/3 of the interval.	
VN	202.70	202.75	35.00			Py	20.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	202.75	202.78	35.00			Py	7.00	Grey gouge vein hosting disseminated pyrite and silicified granodiorite clasts which hosts disseminated pyrite.	
VT	209.17	209.18	55.00			Py	35.00	Grey quartz and white carbonate vein hosting disseminated to blebby (0.6cm)	
VT	209.87	210.48	60.00		14.00	Py	80.00	Fourteen quartz pyrite veinlets (0.1-0.2cm) and stringers.	
VT	211.50	211.67	60.00		4.00	Py	100.00	Four 0.1-0.8cm pyrite veinlets.	
VN	212.58	212.64	60.00			Py	20.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite. White carbonate minorly brecciates the grey quartz.	
VN	213.08	213.11	60.00			Py	60.00	Grey quartz vein hosting disseminated to blebby pyrite and is bounded by a white carbonate veinlet (0.3cm)	
VN	213.20	213.24	75.00			Py	5.00	A white carbonate and grey to smokey quartz vein hosting disseminated to blebby pyrite. The vein is a 3cm white carbonate vein bounded by a 1cm grey quartz vein.	
VN	214.64	214.65	75.00			Py	<1	White carbonate vein hosting disseminated pyrite.	
VN	216.56	216.58	75.00			Py	<1	Grey quartz and white carbonate vein hosting disseminated pyrite.	
VN	218.18	218.20	80.00			Py	1.00	Intermixed white carbonate and grey to smokey quartz which hosts disseminated pyrite.	
VN	219.05	219.15	70.00			Py	80.00	8cm grey quartz vein hosting disseminated to semi-massive pyrite. Quartz vein is bounded on either side by a 1cm white carbonate vein hosting disseminated pyrite.	
VT	219.72	219.73	60.00			Py	5.00	Grey quartz and white carbonate veinlet hosting disseminated pyrite and sphalerite.	
						Sp	1.00		
VT	220.39	221.01	70.00		8.00	Py	80.00	Eight 0.1-0.2cm grey quartz and disseminated pyrite veins.	
VN	221.02	221.04				Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite and is cross-cut by white carbonate veinlets and stringers.	
VN	221.13	221.20	85.00			Py	25.00	Smokey quartz vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	3.00		
VN	221.24	221.26	70.00			Py	10.00	Smokey quartz vein hosting disseminated pyrite.	
GO	221.26	221.28	70.00			Py	<1	1.5cm grey to black gouge vein hosting disseminated pyrite.	
VN	221.30	221.34	80.00			Py	5.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	221.57	221.71	85.00					Grey to black smokey quartz/gouge vein hosting disseminated to blebby pyrite. ~25% of quartz vein is gouge altered.	
VN	221.84	221.85	85.00					Grey quartz vein hosting disseminated to blebby pyrite and is cross-cut by white carbonate veinlets and stringers.	
VT	222.51	222.52	70.00			Py	90.00	Pyrite veinlet hosting disseminated to blebby sphalerite.	
						Sp	10.00		
ST	223.57	233.75	70.00		6.00	Py	100.00	Six pyrite stringers.	
VN	222.84	222.88	80.00			Py	55.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	222.91	223.14	70.00		7.00	Py	60.00	Seven 0.1-0.3cm pyrite veinlets.	
VN	227.31	227.32	70.00			Py	70.00	Milky white to grey quartz vein hosting disseminated to semi-massive pyrite and disseminated sphalerite.	
						Sp	2.00		
VT/ST	227.43	227.60	65.00		6.00	Py	100.00	Four pyrite stringers and two 0.2cm pyrite veinlets.	
VT	228.34	228.35	55.00			Py	80.00	0.3cm grey quartz veinlet hosting disseminated pyrite and arsenopyrite.	
						Sp	8.00		
VT	228.86	228.92	85.00		4.00	Py	20.00	Four 0.2cm smokey quartz veinlets hosting disseminated pyrite and arsenopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						As	30.00		
VN	233.17	233.32	75.00			Py	50.00	Grey to smokey quartz vein hosting disseminated to semi-massive pyrite and is cross-cut by white carbonate veinlets.	
VN	233.28	233.30	80.00			Py	15.00	Grey quartz vein hosting disseminated pyrite and sphalerite.	
						Sp	50.00		
BX	233.31	233.44	75.00			Py	3.00	Silicified black breccia hosting disseminated pyrite.	
VN	233.44	233.53	80.00			Py	10.00	Milky white to grey quartz vein hosting disseminated to blebby pyrite and 0.8cm black sulphide veinlet which cross-cuts it.	
VN	235.45	235.49	35.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	238.18	238.38	35.00			Py	1.00	Grey quartz vein hosting disseminated pyrite and a few phyllic altered granodiorite clasts.	
VN	239.32	239.46				Py	40.00	Dark grey to black smokey quartz vein that hosts disseminated to semi-massive pyrite and is partially altered to black gouge.	
VN	239.55	239.80				Py	5.00	Grey quartz vein hosting disseminated pyrite.	
VN	240.66	240.69	60.00			Py	3.00	Grey quartz vein hosting disseminated pyrite.	
VN	241.63	241.90	45.00			Py	1.00	Grey quartz and milky white quartz vein with quartz eyes and hosts disseminated pyrite.	
VN	243.27	243.28	75.00			Py	10.00	Grey quartz vein hosting disseminated pyrite with a 0.2-0.3cm white carbonate vein running through the middle.	
VT	244.37	244.38	80.00			Py	80.00	0.5cm pyrite veinlet hosting disseminated sphalerite.	
						Sp	20.00		
GO	244.56	244.69				Py	2.00	Partially gouge altered strong phyllic granodiorite hosting disseminated pyrite.	
VN	244.79	244.83	85.00			Py	40.00	Grey quartz vein hosting disseminated to semi-massive pyrite and disseminated sphalerite. Vein is cross-cut by a white carbonate veinlet (0.2cm).	
						Sp	5.00		
VN	244.89	244.90	70.00			Py	90.00	White carbonate vein hosting disseminated pyrite.	
						Sp	3.00		
VN	245.02	245.03	75.00			Py	35.00	Grey quartz vein hosting disseminated pyrite.	
GO	245.14	245.16	75.00			Py	3.00	Grey to dark grey gouge vein hosting disseminate pyrite.	
BX	245.16	245.20	75.00			Py	3.00	Silicified dark grey breccia vein hosting disseminate p pyrite and sphalerite.	
						Sp	<1		
VN	245.23	245.24				Py	25.00	A 0.2cm white carbonate veinlet, bounded on either side by a 0.2cm sphalerite veinlets and the sphalerite veinlets are also bounded on either side by 0.2cm quartz/pyrite veinlets. White carbonate may contain disseminated arsenopyrite.	
						Sp	40.00		
						As	<1		
VT	250.07	250.08	70.00			Py	30.00	Grey quartz and white carbonate veinlet hosting disseminated to blebby pyrite.	
GO	250.17	250.50	85.00		2.00			Two 1-2cm grey to dark grey gouge veins.	
VN	251.77	251.80	70.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	253.52	253.53	65.00			Py	75.00	Smokey quartz vein hosting blebby pyrite.	
VN	254.12	254.15	15.00			Py	8.00	Grey quartz vein hosting disseminated to blebby pyrite and tan carbonate blebs.	
VN	254.83	254.85	20.00			Py	5.00	Grey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	255.10	255.11	75.00			Py	40.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	256.11	256.13	85.00			Py	90.00	Grey quartz and tan carbonate vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
						Sp	2.00		
VT	256.14	256.15	75.00			Py	40.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	261.21	261.61	40.00			Py	5.00	Milky white quartz vein with quartz eyes and hosts disseminate to blebby pyrite.	
VN	261.72	261.75	35.00			Py	5.00	Grey and milky white quartz vein hosting disseminated pyrite.	
VN	262.61	262.71	30.00			Py	3.00	Grey quartz vein hosting disseminated pyrite.	
VT	268.67	268.88	80.00		5.00	Py	40.00	Five 0.1-0.2cm smokey veinlet hosting disseminated pyrite and galena.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	271.20	271.25	50.00			Py	1.00	Milky white and grey quartz vein hosting disseminated pyrite.	
VT	279.19	279.20	70.00			Py	10.00	0.2cm grey quartz vein let hosting disseminated pyrite and galena.	
						Gn	1.00		
VN	280.11	280.13	30.00			Py	1.00	Milky white and grey quartz vein hosting disseminated pyrite.	
VN	280.24	280.25	70.00			Py	30.00	Tan carbonate and smokey quartz vein hosting disseminated to blebby pyrite.	
VT	251.76	251.93	80.00		3.00	Py	10.00	Three 0.2-0.3cm tan carbonate veinlet's hosting disseminated pyrite.	
BX	286.92	286.93	75.00			Py	5.00	Black silicified breccia hosting disseminate pyrite.	
BX	287.00	287.04	85.00			Py	5.00	Black silicified breccia hosting disseminate pyrite. Breccia is cross-cut by tan carbonate veinlets.	
VN	287.08	287.09	35.00			Py	15.00	Grey quartz vein hosting disseminated pyrite and sphalerite.	
BX	287.14	287.33	75.00			Py	8.00	Silicified black breccia hosting disseminated pyrite. Breccia is bounded on either side by 0.5cm white carbonate veinlets.	
VN	288.04	288.05	80.00			Py	15.00	White carbonate vein hosting disseminated pyrite and sphalerite.	
						Sp	5.00		
VT	290.34	290.35	75.00			Py	10.00	Smokey quartz veinlet hosting disseminated pyrite.	
GO	297.47	297.62				Py	1.00	Grey gouge zone hosting disseminated pyrite.	
VN	300.31	300.44	50.00			Py	30.00	Smokey quartz vein minorly brecciated by white carbonate veinlets and is hosting disseminated to blebby pyrite and sphalerite.	
						Sp	5.00		
VN	300.83	300.84	75.00			Py	60.00	Smokey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite and chalcopyrite.	
						As	5.00		
						Ch	3.00		
VT	302.02	302.03	85.00			Py	20.00	Grey quartz veinlet hosting disseminated pyrite and arsenopyrite.	
						As	10.00		
VN	302.97	302.98	80.00			Py	40.00	Grey quartz vein hosting disseminated pyrite.	
VN	303.40	303.92	80.00			Py	5.00	Vuggy white carbonate vein hosting disseminated pyrite.	
VN	303.44	303.47	65.00			Py	15.00	Smokey quartz vein minorly brecciated by white carbonate veinlets and is hosting disseminated to blebby pyrite.	
VN	303.60	303.62	70.00			Py	15.00	Grey quartz and semi-massive pyrite.	
VN	303.72	303.73	75.00			Py	25.00	Grey quartz vein hosting disseminated pyrite and arsenopyrite.	
						As	30.00		
VN	303.88	303.89	80.00			Py	10.00	Grey quartz vein hosting disseminated pyrite and arsenopyrite.	
						As	20.00		
VN	304.03	304.04	45.00			Py	10.00	Grey to smokey quartz vein hosting disseminated pyrite and sphalerite.	
VT	304.81	304.82	60.00			Py	50.00	0.5cm white carbonate veinlet hosting disseminated pyrite and sphalerite.	
VN	308.61	308.63	20.00			Py	5.00	Grey to milky white quartz vein hosting disseminated to blebby pyrite.	
VN	317.48	317.56				Py	8.00	Rubbly grey quartz vein hosting blebby pyrite.	
VN	319.10	319.13	75.00			Py	7.00	Vein with alternating ~0.6cm bands of grey quartz, black smokey quartz and white carbonate which hosts disseminated to blebby pyrite.	
VN	319.62	322.00			8.00	Py	3.00	Silicified grey quartz vein zone hosting ~8 grey quartz veins which host disseminated to blebby pyrite.	
BX	322.71	322.79	80.00			Py	2.00	Silicified smokey quartz breccia with silicified phyllic granodiorite clasts and grey quartz clasts. The breccia hosts disseminated pyrite.	
VN	322.79	322.89	80.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	328.99	329.00	50.00			Py	1.00	Smokey quartz vein hosting disseminated pyrite.	
BX	339.16	339.46	75.00			Py	1.00	Grey to dark grey quartz breccia hosting phyllic altered granodiorite and dyke clasts. The quartz matrix hosts disseminated pyrite.	
BX	339.73	339.78	75.00			Py	1.00	Grey to dark grey quartz breccia hosting phyllic altered granodiorite and dyke clasts. The quartz matrix hosts disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
BX	342.87	342.97	85.00			Py	1.00	Dark grey to black breccia with a smokey quartz matrix and grey quartz and phyllic granodiorite clasts. Quartz matrix and clasts hosts disseminated pyrite.	
VN	343.57	343.59	60.00			Py	10.00	Tan carbonate vein hosting blebby pyrite.	
VN	343.68	343.70	40.00			Py	50.00	Grey quartz vein hosting disseminated to blebby pyrite.	
BN	345.37	345.40	70.00			Py	10.00	Band of intensely silicified granodiorite hosting disseminated to blebby pyrite.	
VN	345.90	345.91	75.00			Py	5.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite and haematite.	
						He	15.00		
VN	347.49	347.67	50.00			Py	7.00	Milky white quartz vein with a net texture of pyrite stringers. The vein hosting disseminated to blebby pyrite and haematite.	
						He	7.00		
VT	350.92	351.25			4.00	Py	10.00	Four 0.1-0.3cm white carbonate veinlets hosting disseminated pyrite.	
VT	351.89	351.90	85.00			Py	80.00	Tan carbonate veinlet hosting blebby pyrite.	
BX	352.98	353.15	65.00		2.00	Py	1.00	Two 1cm grey breccia veins that are minorly gouge altered.	
VN	354.78	354.79	80.00			Py	50.00	Grey and milky white quartz vein hosting disseminated to blebby pyrite.	
VN	356.19	356.20	70.00			Py	80.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
GO	359.64	360.06				Py	5.00	Grey gouge zone hosting clasts of phyllic altered granodiorite and smokey quartz/carbonate vein. The clasts host disseminated to blebby pyrite.	
VN	360.24	360.25	55.00			Py	5.00	Dark grey vein hosting disseminated pyrite.	
VT	360.78	360.79	80.00			Py	10.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	364.23	364.24	70.00			Py	35.00	Grey quartz veinlet hosting blebby pyrite.	
VN	366.18	366.20	85.00			Py	5.00	Smokey quartz vein cross-cut by tan carbonate veinlets and stringers. Vein hosts disseminated pyrite.	
VT	367.19	367.75	80.00		4.00	Py	25.00	Four 0.1-0.3cm grey quartz veinlets hosting disseminated to blebby pyrite.	
VN	367.83	369.10	20.00			Py	10.00	Grey and milky white quartz vein hosting disseminated to blebby pyrite and haematite.	
						He	3.00		
VN	369.44	369.55	25.00			Py	15.00	Grey and milky white quartz vein hosting disseminated to blebby pyrite and haematite.	
						He	2.00		
VN	375.25	375.26	70.00			Py	5.00	Grey quartz vein cross-cut by tan carbonate stringers and hosts disseminated pyrite.	
VT	376.36	379.00			19.00	Py	30-70	Nineteen 0.1-0.5cm veinlet hosting disseminated pyrite varying from 30-70%.	
GO	377.15	377.17	80.00			Py	<1	Grey gouge vein hosting disseminated pyrite.	
GO	377.74	377.77	32.00			Py	<1	Grey gouge vein hosting disseminated pyrite.	
GO	379.22	379.46				Py	1.00	Grey gouge zone hosting grey quartz clasts with disseminated pyrite.	
GO	379.57	379.59	50.00			Py	1.00	Grey gouge zone hosting grey quartz clasts with disseminated pyrite.	
VN	379.62	379.63	80.00			Py	1.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	379.76	379.82	80.00			Py	1.00	Grey to black gouge vein hosting disseminated pyrite.	
VN	383.76	383.77	85.00			Py	10.00	White carbonate and smokey quartz vein hosting disseminated to blebby pyrite.	
VN	386.39	386.40	45.00			Py	10.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
VT	387.62	387.63	30.00			Py	5.00	Milky white quartz veinlet hosting disseminated pyrite and haematite.	
						He	3.00		
VT	387.12	387.13	85.00			Py	15.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	388.52	388.56	50.00			Py	6.00	A 1cm smokey quartz vein hosting disseminated pyrite. Quartz vein runs parallel to a 3cm white calcite vein.	
GO	388.56	388.66	35.00			Py	10.00	Grey to dark grey gouge hosting silicified phyllic granodiorite clasts which hosts disseminated pyrite.	
VN	389.22	389.23	85.00			Py	3.00	Milky white quartz vein hosting blebby pyrite.	
								EOH	

KLAZA

Hole: DDH-KL-12-110 **Date:** Aug-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
62.47	9.5	5.2	579.1	387.9	GRD		PHC	4I	Py	9	2.87034	3.028766	Strongly phyllic, moderately silicified and weakly oxidized granodiorite hosting a 1.5cm grey quartz vein hosting semi-massive pyrite.
							SIL	3I					
							OXI	2I					
66.7	10.1	5.2	533.6	333.2	GRD						2.487699	2.662675	Grey granodiorite.
84.27	9.8	5.2	468.4	272.2	GRD		ARG	3I			2.250579	2.38736	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	3I					
85.59	10.3	5.2	591.6	383.3	GRD		PHC	4I	Py	7	2.704546	2.840134	Strongly phyllic altered granodiorite hosting disseminated pyrite and a grey quartz veinlet hosting disseminated to blebby pyrite and chalcopyrite.
									Ch	1			
96.71	9.2	5.2	484.1	300.2	FEL						2.477711	2.632409	Grey and tan quartz feldspar porphyry dyke.
102.52	9.9	5.2	532.9	334.2	VEN				Py	3	2.534626	2.681933	Milky white to grey quartz vein hosting disseminated pyrite.
114.77	10.3	5.2	725.5	517.4	GRD		PHC	4I	Py	40	3.31668	3.486305	Strongly phyllic altered granodiorite hosting disseminated pyrite and a 7cm grey quartz and massive sulphide vein which hosting massive pyrite, blebby galena and sphalerite along with disseminate arsenopyrite pyrite.
									As	2			
									Gn	3			
									Sp	3			
203.71	9.8	5.2	535.6	337.8	GRD		PHC	3I	Py	3	2.573463	2.707786	Strongly argillic altered granodiorite with a moderate phyllic overprint cross-cut by a mineralized quartz vein. (See secondary structures)
							ARG	4I					

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
210.41	10	5.2	562.1	356.7	GRD		PHC	4I	Py	5	2.646775	2.736611	Very strongly phyllic altered granodiorite, cross-cut by two mineralized quartz veins. (See secondary structures)
213.03	9.9	5.2	612.6	410.4	GRD		PHC	3I	Py	10	2.913703	3.029674	Moderate overprinting of phyllic and argillic alterations, cross-cut by a thick mineralized quartz vein. (See secondary structures)
							ARG	3I					
222.92	10	5.2	588.8	386.5	GRD		PHC	3I	Py	8	2.772498	2.910529	Moderately overprinted argillic and phyllic granodiorite that's is cross-cut by five pyrite veinlets.
							ARG	3I					
228.84	10	5.2	580.2	376	GRD		PHC	3I	Py	10	2.732003	2.841332	Moderately phyllic altered granodiorite cross-cut by five pyrite veinlets.
233.08	9.6	5.2	608.4	418.3	GRD		PHC	3I	Py	15	2.984155	3.200421	Moderate overprinting of phyllic and argillic overprinting, cross-cut by two mineralized quartz veins. (See secondary structures)
							ARG	3I					
320.65	10.2	5.2	567.2	357.8	GRD		PHC	3I	Py	7	2.618421	2.708691	Moderately silicified and phyllic altered granodiorite with branching quartz veining hosting disseminated to blebby pyrite.
							SIL	3I					
325.56	9.9	5.2	546.1	343.9	GRD		PHC	3I	Py	8	2.597409	2.700791	Strongly silicified and moderately phyllic and argillic altered granodiorite hosting disseminated to blebby pyrite. Has a blotchy texture.
							SIL	4I					
							ARG	3I					
329.27	10.5	5.2	562.4	354.8	BXA				Py	3	2.522083	2.709056	Smokey quartz breccia with phyllic granodiorite clasts and grey quartz clasts. Both grey and smokey quartz hosts disseminated pyrite.

KLAZA

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
330.93	10	5.2	532.4	329.2	BXA						2.506926	2.620079	Smokey quartz breccia with phyllic altered granodiorite clasts and either fine grained clay altered phyllic granodiorite clasts or clay altered dyke clasts.
334.19	10.4	5.2	553	346.5	FEL						2.503775	2.677966	Grey quartz feldspar porphyry dyke.
344.24	10.1	5.2	547	332.6	GRD		PRO	2I	Ep	5	2.550171	2.551306	Weakly propyllitic altered granodiorite hosting disseminated to blebby epidote.
384.48	10.3	5.2	510.1	301	GRD		ARG	3I			2.331962	2.439503	Moderately argillic altered granodiorite with a moderate propyllitic and weak haematite overprint.
							PRO	3I					
							HEM	2I					
													EOH

KLAZA

Hole: DDH-KL-12-110 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
1.50	3.75	2.25	1.80	80	M355632	1				Overburden
3.75	5.05	1.30	0.90	69.2	M355633	1				Overburden
5.05	7.82	2.77	1.90	68.6	M355634	1				
7.82	9.85	2.03	1.65	81.3	M355635	1				
9.85	13.14	3.29	3.05	92.7	M355636	1				
13.14	14.39	1.25	1.20	96	M355637	1				
14.39	15.57	1.18	1.18	100	M355638	1				
					M355639	1				Klaza Standard-2
15.57	17.37	1.80	1.50	83.3	M355640	1				
17.37	18.37	1.00	1.00	100	M355641	1				
18.37	19.37	1.00	1.00	100	M355642	1				
19.37	20.84	1.47	1.42	96.6	M355643	1				
					M355644	1				Blank
20.84	22.47	1.63	1.63	100	M355645	1				
					M355646	1				Coarse Reject Duplicate
22.47	23.55	1.08	1.08	100	M355647	1				
23.55	24.55	1.00	1.00	100	M355648	1				
24.55	25.68	1.13	1.00	88.5	M355649	1				
25.68	27.30	1.62	1.61	99.4	M355650	1				
					M355651	1				Blank
27.30	28.51	1.21	1.20	99.2	M355652	1				
28.51	29.51	1.00	1.00	100	M355653	1				
29.51	32.08	2.57	2.53	98.4	M355654	1				
32.08	33.11	1.03	1.00	97.1	M355655	1				
33.11	34.35	1.24	1.20	96.8	M355656	1				
					M355657	1				Duplicate
34.35	35.38	1.03	1.00	97.1	M355658	1				
35.38	36.82	1.44	1.43	99.3	M355659	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
36.82	38.05	1.23	1.23	100	M355660	1				
					M355661	1				Klaza Standard-2
38.05	39.06	1.01	1.00	99	M355662	1				
39.06	41.72	2.66	2.57	96.6	M355663	1				
41.72	43.04	1.32	1.32	100	M355664	1				
43.04	44.90	1.86	1.86	100	M355665	1				
44.90	46.11	1.21	1.14	94.2	M355666	1				
46.11	47.13	1.02	1.02	100	M355667	1				
47.13	49.22	2.09	2.06	98.6	M355668	2				
49.22	50.22	1.00	1.00	100	M355669	2				
					M355670	2				Blank
50.22	51.90	1.68	1.68	100	M355671	2				
					M355672	2				Klaza Standard-2
51.90	54.23	2.33	2.20	94.4	M355673	2				
54.23	56.53	2.30	2.17	94.3	M355674	2				
56.53	57.53	1.00	1.00	100	M355675	2				
					M355676	2				Klaza Standard-1
57.53	60.55	3.02	2.90	96	M355677	2				
60.55	61.83	1.28	1.28	100	M355678	2				
61.83	62.94	1.11	1.11	100	M355679	2				
					M355680	2				Blank
62.94	64.75	1.81	1.79	98.9	M355681	2				
64.75	66.14	1.39	1.39	100	M355682	2				
66.14	69.19	3.05	2.98	97.7	M355683	2				
69.19	72.24	3.05	3.05	100	M355684	2				
					M355685	2				Coarse Reject Duplicate
72.24	74.14	1.90	1.68	88.4	M355686	2				
74.14	75.43	1.29	1.28	99.2	M355687	2				
75.43	76.54	1.11	1.11	100	M355688	2				
76.54	78.71	2.17	2.12	97.7	M355689	2				
78.71	80.26	1.55	1.44	92.9	M355690	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
80.26	82.70	2.44	2.48	102	M355691	2				
82.70	83.70	1.00	1.00	100	M355692	2				
83.70	85.25	1.55	1.55	100	M355693	2				
					M355694	2				Duplicate
85.25	86.40	1.15	1.13	98.3	M355695	2				
86.40	87.60	1.20	1.16	96.7	M355696	2				
87.60	88.62	1.02	1.02	100	M355697	2				
88.62	89.95	1.33	1.33	100	M355698	2				
89.95	92.41	2.46	2.31	93.9	M355699	2				
92.41	93.43	1.02	1.00	98	M355700	2				
93.43	95.45	2.02	2.02	100	M358001	2				
95.45	97.16	1.71	1.60	93.6	M358002	2				
97.16	99.03	1.87	1.84	98.4	M358003	2				
99.03	100.19	1.16	1.16	100	M358004	3				
100.19	101.59	1.40	1.35	96.4	M358005	3				
101.59	103.02	1.43	1.43	100	M358006	3				
					M358007	3				Blank
103.02	105.72	2.70	2.75	102	M358008	3				
105.72	108.81	3.09	3.04	98.4	M358009	3				
108.81	111.75	2.94	2.88	98	M358010	3				
					M358011	3				Klaza Standard-1
111.75	112.75	1.00	1.00	100	M358012	3				
112.75	113.75	1.00	1.00	100	M358013	3				
113.75	114.77	1.02	1.01	99	M358014	3				
					M358015	3				Blank
114.77	116.50	1.73	1.73	100	M358016	3				
116.50	117.96	1.46	1.46	100	M358017	3				
117.96	121.01	3.05	2.95	96.7	M358018	3				
121.01	124.05	3.04	3.04	100	M358019	3				
124.05	127.10	3.05	2.90	95.1	M358020	3				
127.10	130.15	3.05	3.05	100	M358021	3				
130.15	133.20	3.05	3.05	100	M358022	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M358023	3				Coarse Reject Duplicate
133.20	135.80	2.60	2.60	100	M358024	3				
135.80	136.80	1.00	1.00	100	M358025	3				
136.80	137.80	1.00	1.00	100	M358026	3				
137.80	138.87	1.07	1.03	96.3	M358027	3				
					M358028	3				Klaza Standard-3
138.87	142.34	3.47	3.20	92.2	M358029	3				
142.34	144.81	2.47	2.47	100	M358030	3				
144.81	145.82	1.01	1.00	99	M358031	3				
145.82	146.82	1.00	1.00	100	M358032	3				
146.82	148.44	1.62	1.60	98.8	M358033	3				
148.44	150.67	2.23	2.21	99.1	M358034	3				
					M358035	3				Duplicate
150.67	151.69	1.02	1.00	98	M358036	3				
151.69	152.76	1.07	1.07	100	M358037	3				
152.76	154.53	1.77	1.50	84.7	M358038	3				
154.53	155.68	1.15	1.15	100	M358039	3				
155.68	157.42	1.74	1.74	100	M358040	4				
157.42	158.44	1.02	1.00	98	M358041	4				
158.44	160.22	1.78	1.69	94.9	M358042	4				
					M358043	4				Klaza Standard-2
160.22	161.24	1.02	1.00	98	M358044	4				
161.24	162.24	1.00	1.00	100	M358045	4				
162.24	163.98	1.74	1.71	98.3	M358046	4				
163.98	164.98	1.00	1.00	100	M358047	4				
					M358048	4				Blank
164.98	166.13	1.15	1.07	93	M358049	4				
166.13	167.23	1.10	1.10	100	M358050	4				
167.23	169.31	2.08	2.08	100	M358051	4				
169.31	170.31	1.00	1.00	100	M358052	4				
170.31	172.85	2.54	2.53	99.6	M358053	4				
172.85	173.86	1.01	1.00	99	M358054	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
173.86	175.48	1.62	1.62	100	M358055	4				
175.48	176.50	1.02	1.00	98	M358056	4				
176.50	177.67	1.17	1.17	100	M358057	4				
177.67	178.92	1.25	1.24	99.2	M358058	4				
					M358059	4				Duplicate
178.92	180.56	1.64	1.54	93.9	M358060	4				
180.56	182.67	2.11	2.11	100	M358061	4				
					M358062	4				Coarse Reject Duplicate
182.67	183.67	1.00	1.00	100	M358063	4				
					M358064	4				Blank
183.67	184.67	1.00	1.00	100	M358065	4				
184.67	186.13	1.46	1.40	95.9	M358066	4				
					M358067	4				Klaza Standard-3
186.13	188.06	1.93	1.83	94.8	M358068	4				
188.06	190.00	1.94	1.86	95.9	M358069	4				
190.00	191.35	1.35	1.32	97.8	M358070	4				
191.35	194.14	2.79	2.79	100	M358071	4				
194.14	195.15	1.01	1.00	99	M358072	4				
195.15	196.55	1.40	1.39	99.3	M358073	4				
196.55	198.06	1.51	1.51	100	M358074	4				
198.06	199.10	1.04	1.04	100	M358075	4				
199.10	200.16	1.06	1.05	99.1	M358076	5				
200.16	201.34	1.18	1.06	89.8	M358077	5				
201.34	202.94	1.60	1.60	100	M358078	5				
					M358079	5				Blank
202.94	203.94	1.00	1.00	100	M358080	5				
203.94	206.28	2.34	2.34	100	M358081	5				
					M358082	5				Duplicate
206.28	208.84	2.56	2.41	94.1	M358083	5				
208.84	209.85	1.01	1.00	99	M358084	5				
209.85	211.51	1.66	1.62	97.6	M358085	5				
211.51	212.52	1.01	1.00	99	M358086	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
212.52	213.52	1.00	1.00	100	M358087	5				
213.52	214.70	1.18	1.18	100	M358088	5				
					M358089	5				Klaza Standard-1
214.70	216.55	1.85	1.82	98.4	M358090	5				
216.55	218.82	2.27	2.23	98.2	M358091	5				
218.82	219.82	1.00	1.00	100	M358092	5				
219.82	221.04	1.22	1.22	100	M358093	5				
221.04	222.06	1.02	1.00	98	M358094	5				
					M358095	5				Blank
222.06	223.06	1.00	1.00	100	M358096	5				
223.06	224.06	1.00	1.00	100	M358097	5				
224.06	225.69	1.63	1.63	100	M358098	5				
					M358099	5				Coarse Reject Duplicate
225.69	227.04	1.35	1.35	100	M358100	5				
227.04	228.04	1.00	1.00	100	M358101	5				
228.04	229.04	1.00	1.00	100	M358102	5				
229.04	232.00	2.96	2.90	98	M358116	5				Inserted
232.00	233.00	1.00	1.00	100	M358103	5				
233.00	234.01	1.01	1.01	100	M358104	5				
234.01	235.59	1.58	1.58	100	M358105	5				
					M358106	5				Klaza Standard-1
235.59	236.83	1.24	1.24	100	M358107	5				
236.83	238.17	1.34	1.34	100	M358108	5				
238.17	239.85	1.68	1.63	97	M358109	5				
239.85	240.85	1.00	1.00	100	M358110	5				
240.85	242.00	1.15	1.10	95.7	M358111	6				
242.00	244.34	2.34	2.34	100	M358112	6				
244.34	245.34	1.00	1.00	100	M358113	6				
					M358114	6				Blank
245.34	248.16	2.82	2.52	89.4	M358115	6				
248.16	249.80	1.64	1.64	100	M358117	6				
249.80	250.80	1.00	1.00	100	M358118	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
250.80	251.87	1.07	1.07	100	M358119	6				
251.87	253.44	1.57	1.57	100	M358120	6				
					M358121	6				Duplicate
253.44	254.44	1.00	1.00	100	M358122	6				
254.44	256.26	1.82	1.70	93.4	M358123	6				
					M358124	6				Klaza Standard-3
256.26	258.15	1.89	1.89	100	M358125	6				
258.15	259.53	1.38	1.38	100	M358126	6				
259.53	261.11	1.58	1.58	100	M358127	6				
261.11	262.85	1.74	1.74	100	M358128	6				
262.85	264.26	1.41	1.35	95.7	M358129	6				
264.26	267.31	3.05	2.90	95.1	M358130	6				
					M358131	6				Coarse Reject Duplicate
267.31	268.62	1.31	1.31	100	M358132	6				
268.62	269.63	1.01	1.01	100	M358133	6				
269.63	271.07	1.44	1.42	98.6	M358134	6				
271.07	272.09	1.02	1.00	98	M358135	6				
272.09	274.47	2.38	2.38	100	M358136	6				
274.47	275.96	1.49	1.32	88.6	M358137	6				
275.96	277.94	1.98	1.98	100	M358138	6				
					M358139	6				Klaza Standard-3
277.94	279.62	1.68	1.62	96.4	M358140	6				
279.62	280.62	1.00	1.00	100	M358141	6				
					M358142	6				Blank
280.62	281.81	1.19	1.00	84	M358143	6				
281.81	283.38	1.57	1.56	99.4	M358144	6				
283.38	284.97	1.59	1.59	100	M358145	6				
284.97	286.68	1.71	1.65	96.5	M358146	6				
286.68	287.68	1.00	1.00	100	M358147	6				
287.68	288.92	1.24	1.23	99.2	M358149	7				
288.92	291.13	2.21	2.18	98.6	M358150	7				
291.13	292.69	1.56	1.54	98.7	M358151	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
292.69	295.22	2.53	2.53	100	M358152	7				
295.22	297.35	2.13	1.94	91.1	M358153	7				
297.35	298.35	1.00	1.00	100	M358154	7				
298.35	299.94	1.59	1.59	100	M358155	7				
					M358156	7				Klaza Standard-1
299.94	300.94	1.00	1.00	100	M358157	7				
300.94	302.97	2.03	2.01	99	M358158	7				
302.97	304.08	1.11	1.11	100	M358159	7				
					M358160	7				Blank
304.08	305.32	1.24	1.24	100	M358161	7				
305.32	307.83	2.51	2.49	99.2	M358162	7				
307.83	308.83	1.00	1.00	100	M358163	7				
308.83	310.04	1.21	1.21	100	M358164	7				
					M358165	7				Duplicate
310.04	311.15	1.11	1.11	100	M358166	7				
311.15	312.68	1.53	1.53	100	M358167	7				
312.68	313.87	1.19	1.19	100	M358168	7				
					M358169	7				Klaza Standard-2
313.87	316.08	2.21	2.11	95.5	M358170	7				
316.08	317.44	1.36	1.36	100	M358171	7				
317.44	319.64	2.20	2.20	100	M358172	7				
					M358173	7				Blank
319.64	322.01	2.37	2.26	95.4	M358174	7				
322.01	323.04	1.03	1.03	100	M358175	7				
323.04	324.69	1.65	1.65	100	M358176	7				
324.69	325.91	1.22	1.22	100	M358177	7				
325.91	326.93	1.02	1.00	98	M358178	7				
326.93	328.88	1.95	1.95	100	M358179	7				
					M358180	7				Coarse Reject Duplicate
328.88	331.13	2.25	2.25	100	M358181	7				
331.13	332.13	1.00	1.00	100	M358182	7				
332.13	334.33	2.20	2.20	100	M358183	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
334.33	336.73	2.40	2.40	100	M358184	7				
336.73	337.74	1.01	1.01	100	M358185	8				
337.74	338.74	1.00	1.00	100	M358186	8				
338.74	340.05	1.31	1.31	100	M358187	8				
					M358188	8				Klaza Standard-2
340.05	341.25	1.20	1.20	100	M358189	8				
341.25	342.86	1.61	1.52	94.4	M358190	8				
342.86	344.01	1.15	1.15	100	M358191	8				
					M358192	8				Blank
344.01	345.65	1.64	1.62	98.8	M358193	8				
345.65	347.99	2.34	2.34	100	M358194	8				
347.99	349.45	1.46	1.43	97.9	M358195	8				
349.45	350.45	1.00	1.00	100	M358196	8				
350.45	351.50	1.05	1.00	95.2	M358197	8				
351.50	353.16	1.66	1.66	100	M358198	8				
353.16	354.75	1.59	1.59	100	M358199	8				
					M358200	8				Coarse Reject Duplicate
354.75	356.30	1.55	1.55	100	M358201	8				
356.30	357.30	1.00	1.00	100	M358202	8				
357.30	358.63	1.33	1.24	93.2	M358203	8				
358.63	359.63	1.00	1.00	100	M358204	8				
359.63	360.78	1.15	1.15	100	M358205	8				
360.78	362.20	1.42	1.40	98.6	M358206	8				
					M358207	8				Duplicate
362.20	363.20	1.00	1.00	100	M358208	8				
363.20	365.74	2.54	2.54	100	M358209	8				
365.74	366.84	1.10	1.05	95.5	M358210	8				
366.84	367.84	1.00	1.00	100	M358211	8				
367.84	369.59	1.75	1.74	99.4	M358212	8				
369.59	370.94	1.35	1.20	88.9	M358213	8				
370.94	373.99	3.05	3.05	100	M358214	8				
					M358215	8				Klaza Standard-1

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
373.99	376.33	2.34	2.34	100	M358216	8				
376.33	377.50	1.17	1.13	96.6	M358217	8				
377.50	378.53	1.03	1.03	100	M358218	8				
					M358219	8				Blank
378.53	379.85	1.32	1.28	97	M358220	8				
379.85	382.10	2.25	2.25	100	M358221	9				
					M358222	9				Duplicate
382.10	383.66	1.56	1.53	98.1	M358223	9				
383.66	385.03	1.37	1.37	100	M358224	9				
					M358225	9				Klaza Standard-1
385.03	386.50	1.47	1.44	98	M358226	9				
386.50	388.07	1.57	1.57	100	M358227	9				
388.07	389.17	1.10	1.00	90.9	M358228	9				
					M358229	9				Blank
389.17	390.21	1.04	1.00	96.2	M358230	9				
390.21	392.21	2.00	2.00	100	M358231	9				
392.21	393.28	1.07	1.07	100	M358232	9				
					M358233	9				Coarse Reject Duplicate
393.28	395.35	2.07	2.07	100	M358234	9				EOH

KLAZA

Hole: DDH-KL-12-110 **Tech Name: T. Prentice** **Date: Aug 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	3.05	3.05	3.00	98	0.00	0		1	0S	5W	
3.05	6.10	3.05	3.00	98	0.00	0		1	3S	4W	
6.10	8.23	2.13	1.84	86	0.00	0		1	0S	4W	
8.23	11.27	3.04	3.05	100	0.32	11		1	1S	4W	
11.27	14.33	3.06	3.05	100	0.22	7		1	2S	3W	
14.33	17.37	3.04	2.84	93	0.00	0		1	2S	5W	
17.37	20.42	3.05	3.05	100	0.76	25		1	1S	5W	
20.42	23.47	3.05	3.00	98	0.71	23		2	3S	4W	
23.47	26.52	3.05	2.97	97	0.82	27		2	3S	4W	
26.52	29.57	3.05	3.05	100	0.12	4		1	2S	4W	
29.57	32.61	3.04	2.95	97	1.38	45		2	0S	2W	
32.61	35.66	3.05	2.96	97	2.18	71		2	3S	3W	
35.66	38.71	3.05	2.92	96	1.98	65		2	4S	2W	
38.71	41.76	3.05	2.95	97	2.26	74		2	5S	2W	
41.76	44.81	3.05	3.00	98	2.00	66		1	4S	5W	
44.81	47.85	3.04	2.94	97	1.00	33		2	0S	3W	
47.85	50.90	3.05	3.00	98	1.00	33		1	2S	5W	
50.90	53.95	3.05	2.85	93	0.40	13		1	2S	5W	
53.95	57.00	3.05	2.83	93	0.58	19		1	3S	3W	
57.00	60.05	3.05	2.96	97	1.29	42		2	2S	2W	
60.05	63.09	3.04	3.05	100	1.70	56		2	2S	3W	
63.09	66.14	3.05	3.05	100	1.20	39		2	3S	3W	
66.14	69.19	3.05	2.83	93	1.07	35		2	3S	3W	
69.19	72.24	3.05	3.05	100	1.29	42		2	3S	3W	
72.24	75.29	3.05	2.75	90	0.71	23		2	2S	3W	
75.29	78.33	3.04	2.75	90	0.61	20		2	3S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.92	96	1.04	34		2	2S	3W	
81.38	84.43	3.05	3.00	98	2.59	85		2	4S	2W	
84.43	87.48	3.05	2.98	98	1.76	58		2	3S	2W	
87.48	90.53	3.05	3.05	100	2.05	67		2	1S	2W	
90.53	93.57	3.04	2.92	96	1.60	53		2	1S	2W	
93.57	96.62	3.05	2.89	95	1.42	47		2	2S	2W	
96.62	99.67	3.05	2.93	96	0.43	14		2	1S	2W	
99.67	102.72	3.05	2.99	98	2.30	75		2	2S	1W	
102.72	105.77	3.05	2.99	98	0.77	25		2	0S	2W	
105.77	108.81	3.04	3.05	100	0.78	26		2	2S	2W	
108.81	111.86	3.05	2.85	93	1.09	36		2	1S	3W	
111.86	114.91	3.05	3.05	100	2.31	76		2	4S	1W	
114.91	117.96	3.05	3.05	100	1.89	62		2	4S	2W	
117.96	121.01	3.05	2.68	88	1.10	36		2	4S	2W	
121.01	124.05	3.04	2.85	94	1.16	38		2	2S	2W	
124.05	127.10	3.05	2.86	94	0.93	30		2	2S	2W	
127.10	130.15	3.05	3.00	98	0.87	29		2	4S	1W	
130.15	133.20	3.05	2.76	90	0.48	16		2	2S	1W	
133.20	136.25	3.05	2.84	93	0.72	24		2	4S	1W	
136.25	139.29	3.04	2.85	94	0.59	19		2	1S	1W	
139.29	142.34	3.05	2.96	97	0.72	24		2	5S	1W	
142.34	145.39	3.05	2.90	95	0.88	29		2	2S	1W	
145.39	148.44	3.05	3.00	98	1.09	36		2	4S	2W	
148.44	151.49	3.05	2.96	97	1.93	63		2	3S	2W	
151.49	154.53	3.04	2.85	94	1.35	44		2	1S	3W	
154.53	157.58	3.05	2.95	97	1.14	37		2	3S	1W	
157.58	160.63	3.05	2.85	93	1.86	61		2	5S	2W	
160.63	163.68	3.05	2.90	95	1.72	56		2	5S	2W	
163.68	166.73	3.05	2.85	93	1.68	55		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	2.81	92	1.45	48		2	2S	1W	
169.77	172.82	3.05	2.93	96	1.02	33		2	3S	1W	
172.82	175.87	3.05	2.92	96	1.19	39		2	3S	2W	
175.87	178.92	3.05	2.96	97	1.44	47		2	2S	1W	
178.92	181.97	3.05	2.93	96	2.18	71		2	5S	2W	
181.97	185.01	3.04	3.05	100	1.90	63		2	5S	1W	
185.01	188.06	3.05	2.97	97	1.06	35		2	4S	1W	
188.06	191.11	3.05	2.68	88	0.00	0		2	1S	1W	
191.11	194.16	3.05	3.05	100	1.39	46		2	2S	1W	
194.16	197.21	3.05	3.00	98	1.89	62		2	3S	1W	
197.21	200.25	3.04	3.05	100	1.81	60		2	3S	1W	
200.25	203.30	3.05	3.05	100	1.45	48		2	1S	2W	
203.30	206.35	3.05	3.05	100	1.75	57		2	3S	1W	
206.35	209.40	3.05	2.97	97	1.91	63		2	3S	1W	
209.40	212.45	3.05	3.05	100	1.95	64		2	3S	1W	
212.45	215.49	3.04	3.05	100	2.03	67		2	3S	1W	
215.49	218.54	3.05	3.00	98	2.40	79		2	4S	1W	
218.54	221.59	3.05	3.05	100	2.11	69		2	0S	2W	
221.59	224.64	3.05	3.05	100	2.45	80		2	4S	1W	
224.64	227.69	3.05	3.05	100	2.63	86		2	2S	1W	
227.69	230.73	3.04	3.00	99	1.67	55		2	3S	1W	
230.73	233.78	3.05	3.05	100	2.46	81		2	5S	1W	
233.78	236.83	3.05	3.05	100	2.27	74		2	4S	2W	
236.83	239.88	3.05	2.85	93	1.66	54		2	1S	1W	
239.88	242.93	3.05	2.94	96	0.88	29		2	2S	1W	
242.93	245.97	3.04	3.05	100	1.33	44		2	1S	1W	
245.97	249.02	3.05	2.85	93	1.32	43		2	1S	1W	
249.02	252.07	3.05	3.00	98	1.52	50		1	2S	1W	
252.07	255.12	3.05	2.82	92	2.12	70		2	2S	1W	
255.12	258.17	3.05	2.90	95	0.92	30		2	1S	2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	2.88	95	1.42	47		1	0S	3W	
261.21	264.26	3.05	2.95	97	1.14	37		1	1S	2W	
264.26	267.31	3.05	2.72	89	1.46	48		2	5S	1W	
267.31	270.36	3.05	2.96	97	1.78	58		2	4S	1W	
270.36	273.41	3.05	2.91	95	1.80	59		2	3S	1W	
273.41	276.45	3.04	2.90	95	1.24	41		2	3S	2W	
276.45	279.50	3.05	2.95	97	2.25	74		2	3S	1W	
279.50	282.55	3.05	2.73	90	1.51	50		2	3S	1W	
282.55	285.60	3.05	2.97	97	1.73	57		2	3S	1W	
285.60	288.65	3.05	2.88	94	1.72	56		2	3S	1W	
288.65	291.70	3.05	2.94	96	1.57	51		2	3S	2W	
291.70	294.74	3.04	2.85	94	0.76	25		1	3S	2W	
294.74	297.79	3.05	2.82	92	0.91	30		2	3S	1W	
297.79	300.84	3.05	2.88	94	1.03	34		2	3S	2W	
300.84	303.89	3.05	2.95	97	2.08	68		2	3S	1W	
303.89	306.94	3.05	3.00	98	2.53	83		2	3S	1W	
306.94	309.98	3.04	3.05	100	2.44	80		2	3S	1W	
309.98	313.03	3.05	2.91	95	2.10	69		2	3S	1W	
313.03	316.08	3.05	2.85	93	1.90	62		2	3S	1W	
316.08	319.13	3.05	2.90	95	0.80	26		2	1S	1W	
319.13	322.17	3.04	2.82	93	1.58	52		2	3S	2W	
322.17	325.22	3.05	2.87	94	1.46	48		2	3S	3W	
325.22	328.27	3.05	2.84	93	1.89	62		2	3S	2W	
328.27	331.32	3.05	2.94	96	1.59	52		2	3S	3W	
331.32	334.37	3.05	3.00	98	1.55	51		2	1S	3W	
334.37	337.41	3.04		0		0			3S		
337.41	340.46	3.05	2.89	95	1.33	44		2	3S	2W	
340.46	343.51	3.05	2.90	95	1.79	59		2	4S	2W	
343.51	346.56	3.05	2.90	95	2.32	76		2	3S	1W	
346.56	349.61	3.05	2.81	92	2.01	66		2	4S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
349.61	352.65	3.04	2.96	97	1.79	59		2	3S	1W	
352.65	355.70	3.05	3.05	100	2.14	70		2	3S	1W	
355.70	358.75	3.05	2.89	95	1.52	50		2	3S	2W	
358.75	361.80	3.05	2.75	90	0.99	32		1	2S	4W	
361.80	364.85	3.05	2.89	95	1.67	55		2	1S	1W	
364.85	367.89	3.04	2.94	97	1.70	56		2	4S	1W	
367.89	370.94	3.05	2.76	90	2.10	69		2	3S	1W	
370.94	373.99	3.05	2.98	98	1.85	61		2	3S	2W	
373.99	377.04	3.05	2.78	91	1.88	62		2	1S	3W	
377.04	380.09	3.05	2.90	95	1.25	41		1	0S	4W	
380.09	383.13	3.04	2.86	94	1.07	35		2	3S	3W	
383.13	386.18	3.05	3.05	100	1.89	62		2	1S	3W	
386.18	389.23	3.05	2.86	94	1.61	53		1	0S	3W	
389.23	392.28	3.05	2.96	97	1.86	61		1	1S	3W	
392.28	395.33	3.05	2.86	94	0.29	10		1	1S	3W	
											EOH at 395.33 meters

KLAZA

Hole: DDH-KL-12-110 **Tech Name:** T. PRENTICE **Date:** JGUST 15, 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	3.05	3.05	-	-	-	-	-	-	
3.05	6.10	3.05	-	-	-	-	-	-	
6.10	8.23	2.13	-	-	-	-	-	-	
8.23	11.27	3.04	70.00	0.08	0.00	1.00	2R	3W	
11.27	14.33	3.06	80.00	0.24	0.00	1.00	2R	3W	
14.33	17.37	3.04	-	-	-	-	-	-	
17.37	20.42	3.05	60.00	1.05	0.00	1.00	2R	3W	
20.42	23.47	3.05	62.00	0.12	0.00	1.00	2R	2W	
23.47	26.52	3.05	70.00	0.10	0.00	1.00	2R	3W	
26.52	29.57	3.05	-	-	-	-	-	-	
29.57	32.61	3.04	70.00	0.20	0.00	1.00	2R	2W	
32.61	35.66	3.05	60.00	1.57	0.00	1.00	2R	2W	
35.66	38.71	3.05	60.00	0.05	0.00	1.00	2R	1W	
38.71	41.76	3.05	55.00	0.30	0.00	1.00	2R	2W	
41.76	44.81	3.05	80.00	0.13	0.00	1.00	2R	2W	
44.81	47.85	3.04	60.00	0.70	0.00	1.00	2R	3W	
47.85	50.90	3.05	65.00	0.22	0.00	1.00	2R	3W	
50.90	53.95	3.05	60.00	0.04	0.00	1.00	2R	2W	
53.95	57.00	3.05	70.00	0.46	0.00	1.00	2R	2W	
57.00	60.05	3.05	50.00	0.60	2.00	2.00	3R	2W	
60.05	63.09	3.04	40.00	0.50	4.00	2.00	3R	3W	
63.09	66.14	3.05	40.00	0.10	2.00	2.00	3R	2W	
			60.00	0.10	2.00	2.00	3R	3W	
66.14	69.19	3.05	50.00	0.20	1.00	2.00	3R	3W	
69.19	72.24	3.05	50.00	0.20	1.00	2.00	3R	2W	
72.24	75.29	3.05	45.00	0.07	0.00	2.00	3R	3W	
75.29	78.33	3.04	40.00	0.10	3.00	2.00	3R	3W	
78.33	81.38	3.05	55.00	0.10	3.00	2.00	3R	2W	
81.38	84.43	3.05	70.00	0.70	3.00	2.00	3R	2W	
84.43	87.48	3.05	60.00	0.35	2.00	2.00	3R	1W	
87.48	90.53	3.05	60.00	1.00	2.00	2.00	3R	1W	

KLAZA

90.53	93.57	3.04	40.00	0.40	4.00	2.00	3R	1W	
93.57	96.62	3.05	-	-	-	-	-	-	
96.62	99.67	3.05	70.00	0.10	5.00	2.00	3R	2W	
99.67	102.72	3.05	-	-	-	-	-	-	
102.72	105.77	3.05	50.00	0.07	2.00	1.00	3R	2W	
105.77	108.81	3.04	-	-	-	-	-	-	
108.81	111.86	3.05	50.00	0.25	1.00	1.00	2R	2W	
111.86	114.91	3.05	-	-	-	-	-	-	
114.91	117.96	3.05	40.00	0.75	2.00	1.00	1R	1W	
117.96	121.01	3.05	70.00	0.45	0.00	1.00	2R	2W	
121.01	124.05	3.04	55.00	0.61	0.00	1.00	2R	1W	
124.05	127.10	3.05	70.00	1.23	0.00	1.00	2R	2W	
127.10	130.15	3.05	60.00	0.25	0.00	1.00	2R	1W	
130.15	133.20	3.05	65.00	0.51	0.00	1.00	2R	1W	
133.20	136.25	3.05	55.00	0.14	2.00	1.00	2R	1W	
136.25	139.29	3.04	55.00	0.07	0.00	1.00	2R	1W	
139.29	142.34	3.05	60.00	0.19	0.00	1.00	2R	2W	
142.34	145.39	3.05	80.00	0.51	0.00	1.00	2R	2W	
145.39	148.44	3.05	40.00	0.09	0.00	1.00	2R	2W	
148.44	151.49	3.05	65.00	0.10	0.00	1.00	2R	1W	
151.49	154.53	3.04	75.00	0.11	0.00	1.00	2R	1W	
154.53	157.58	3.05	62.00	0.36	0.00	2.00	3R	1W	
157.58	160.63	3.05	65.00	0.57	0.00	1.00	2R	1W	
160.63	163.68	3.05	-	-	-	-	-	-	
163.68	166.73	3.05	70.00	0.14	0.00	1.00	2R	1W	
166.73	169.77	3.04	-	-	-	-	-	-	
169.77	172.82	3.05	50.00	0.06	0.00	1.00	2R	1W	
172.82	175.87	3.05	75.00	1.20	0.00	1.00	2R	1W	
175.87	178.92	3.05	-	-	-	-	-	-	
178.92	181.97	3.05	50.00	1.16	0.00	1.00	2R	1W	
181.97	185.01	3.04	50.00	0.58	3.00	1.00	2R	1W	
185.01	188.06	3.05	-	-	-	-	-	-	
188.06	191.11	3.05	-	-	-	-	-	-	
191.11	194.16	3.05	-	-	-	-	-	-	
194.16	197.21	3.05	-	-	-	-	-	-	
197.21	200.25	3.04	65.00	0.15	2.00	1.00	2R	1W	
200.25	203.30	3.05	42.00	0.24	1.00	1.00	2R	1W	
203.30	206.35	3.05	55.00	0.06	0.00	1.00	2R	1W	
206.35	209.40	3.05	80.00	0.13	0.00	1.00	2R	1W	
209.40	212.45	3.05	-	-	-	-	-	-	
212.45	215.49	3.04	75.00	0.26	0.00	1.00	2R	2W	

KLAZA

215.49	218.54	3.05	65.00	0.18	0.00	1.00	2R	1W	
218.54	221.59	3.05	70.00	0.55	0.00	1.00	2R	2W	
221.59	224.64	3.05	-	-	-	-	-	-	
224.64	227.69	3.05	-	-	-	-	-	-	
227.69	230.73	3.04	60.00	0.13	0.00	1.00	2R	1W	
230.73	233.78	3.05	42.00	1.03	0.00	1.00	2R	1W	
233.78	236.83	3.05	45.00	0.23	0.00	1.00	2R	1W	
236.83	239.88	3.05	50.00	0.30	0.00	1.00	2R	1W	
239.88	242.93	3.05	60.00	0.08	0.00	1.00	2R	1W	
242.93	245.97	3.04	-	-	-	-	-	-	
245.97	249.02	3.05	62.00	0.52	1.00	1.00	2R	1W	
249.02	252.07	3.05	50.00	0.39	0.00	1.00	2R	2W	
252.07	255.12	3.05	50.00	1.66	0.00	1.00	2R	1W	
255.12	258.17	3.05	42.00	1.11	3.00	1.00	2R	2W	
258.17	261.21	3.04	50.00	0.04	0.00	1.00	2R	2W	
261.21	264.26	3.05	40.00	0.40	0.00	1.00	2R	1W	
264.26	267.31	3.05	70.00	0.23	0.00	1.00	2R	1W	
267.31	270.36	3.05	70.00	0.17	0.00	1.00	2R	1W	
270.36	273.41	3.05	-	-	-	-	-	-	
273.41	276.45	3.04	40.00	0.09	0.00	2.00	3R	1W	
276.45	279.50	3.05	40.00	1.23	0.00	1.00	2R	1W	
279.50	282.55	3.05	72.00	0.12	0.00	1.00	2R	1W	
282.55	285.60	3.05	50.00	0.38	0.00	1.00	2R	1W	
285.60	288.65	3.05	80.00	0.22	0.00	1.00	2R	1W	
288.65	291.70	3.05	-	-	-	-	-	-	
291.70	294.74	3.04	60.00	0.27	0.00	1.00	2R	1W	
294.74	297.79	3.05	-	-	-	-	-	-	
297.79	300.84	3.05	60.00	0.12	0.00	2.00	3R	1W	
300.84	303.89	3.05	60.00	0.24	0.00	1.00	3R	1W	
303.89	306.94	3.05	-	-	-	-	-	-	
306.94	309.98	3.04	50.00	0.29	0.00	1.00	2R	1W	
309.98	313.03	3.05							
313.03	316.08	3.05	50.00	0.09	0.00	2.00	3R	1W	
316.08	319.13	3.05	40.00	0.11	0.00	2.00	3R	1W	
319.13	322.17	3.04	45.00	0.14	0.00	1.00	2R	1W	
322.17	325.22	3.05							
325.22	328.27	3.05	60.00	0.28	0.00	1.00	2R	2W	
328.27	331.32	3.05	72.00	0.10	0.00	1.00	2R	2W	
331.32	334.37	3.05	70.00	0.21	0.00	1.00	2R	2W	
334.37	337.41	3.04							
337.41	340.46	3.05							

KLAZA

340.46	343.51	3.05	60.00	0.16	0.00	2.00	3R	1W	
343.51	346.56	3.05	60.00	0.32	0.00	1.00	2R	1W	
346.56	349.61	3.05	50.00	0.14	0.00	1.00	2R	1W	
349.61	352.65	3.04	60.00	0.49	1.00	1.00	2R	1W	
352.65	355.70	3.05	50.00	1.83	0.00	1.00	2R	1W	
355.70	358.75	3.05	60.00	0.35	0.00	1.00	2R	1W	
358.75	361.80	3.05	70.00	0.16	0.00	1.00	2R	1W	
361.80	364.85	3.05	40.00	0.27	0.00	1.00	2R	1W	
364.85	367.89	3.04	58.00	0.14	0.00	1.00	2R	1W	
367.89	370.94	3.05	70.00	0.10	0.00	1.00	2R	1W	
370.94	373.99	3.05	78.00	0.23	0.00	1.00	2R	1W	
373.99	377.04	3.05	50.00	0.10	0.00	1.00	2R	2W	
377.04	380.09	3.05	60.00	0.27	0.00	1.00	2R	2W	
380.09	383.13	3.04	80.00	0.11	0.00	1.00	2R	2W	
383.13	386.18	3.05	45.00	0.16	0.00	1.00	3R	2W	
386.18	389.23	3.05	30.00	0.03	90.00	2.00	2R	3W	gouge containing sulfides
389.23	392.28	3.05							random fractures and rubble
392.28	395.33	3.05							random fractures and rubble
									EOH at 395.33 meters

KLAZA

Hole: DDH-KL-12-110 Date: Aug 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	3.38	
2.00	1.55	
3.00	3.56	
4.00	1.00	
5.00	3.89	
6.00	0.95	
7.00	1.93	
8.00	6.40	
9.00	2.39	
10.00	0.95	
11.00	2.92	
12.00	2.45	
13.00	1.53	
14.00	3.12	
15.00	1.50	
16.00	0.89	
17.00	2.36	
18.00	0.82	
19.00	1.57	
20.00	12.00	
21.00	1.79	
22.00	11.70	
23.00	2.69	
24.00	1.51	
25.00	4.53	
26.00	2.52	
27.00	1.59	
28.00	1.42	
29.00	1.28	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	3.31	
31.00	1.92	
32.00	2.52	
33.00	3.51	
34.00	1.84	
35.00	7.11	
36.00	17.10	
37.00	3.98	
38.00	0.93	
39.00	1.92	
40.00	12.80	
41.00	1.68	
42.00	1.66	
43.00	2.17	
44.00	2.69	
45.00	2.28	
46.00	1.73	
47.00	3.33	
48.00	3.80	
49.00	2.06	
50.00	3.14	
51.00	2.32	
52.00	2.01	
53.00	1.09	
54.00	2.01	
55.00	1.68	
56.00	3.09	
57.00	1.79	
58.00	1.06	
59.00	3.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	2.94	
61.00	1.75	
62.00	4.79	
63.00	0.51	
64.00	1.62	
65.00	2.47	
66.00	20.90	
67.00	33.50	
68.00	34.80	
69.00	8.89	
70.00	3.49	
71.00	23.70	
72.00	8.67	
73.00	3.64	
74.00	2.06	
75.00	2.70	
76.00	4.88	
77.00	0.62	
78.00	4.20	
79.00	1.17	
80.00	0.98	
81.00	2.28	
82.00	1.90	
83.00	1.48	
84.00	3.03	
85.00	1.11	
86.00	0.78	
87.00	1.90	
88.00	0.27	
89.00	1.77	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	2.34	
91.00	3.22	
92.00	1.66	
93.00	2.48	
94.00	3.51	
95.00	0.31	
96.00	5.08	
97.00	2.01	
98.00	3.71	
99.00	2.41	
100.00	1.31	
101.00	1.06	
102.00	1.95	
103.00	0.62	
104.00	8.01	
105.00	6.33	
106.00	3.87	
107.00	24.50	
108.00	31.90	
109.00	26.00	
110.00	3.98	
111.00	31.80	
112.00	23.60	
113.00	1.40	
114.00	1.15	
115.00	0.82	
116.00	1.33	
117.00	2.90	
118.00	14.40	
119.00	2.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	33.90	
121.00	27.20	
122.00	30.40	
123.00	27.90	
124.00	11.70	
125.00	23.30	
126.00	15.60	
127.00	16.60	
128.00	21.10	
129.00	22.30	
130.00	22.70	
131.00	25.50	
132.00	19.20	
133.00	23.60	
134.00	8.10	
135.00	14.40	
136.00	10.10	
137.00	2.56	
138.00	8.34	
139.00	24.50	
140.00	17.70	
141.00	7.24	
142.00	30.20	
143.00	33.20	
144.00	22.00	
145.00	3.29	
146.00	2.17	
147.00	4.24	
148.00	17.80	
149.00	31.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	31.00	
151.00	17.80	
152.00	3.29	
153.00	36.80	
154.00	32.00	
155.00	82.90	
156.00	21.60	
157.00	2.65	
158.00	4.95	
159.00	22.90	
160.00	5.05	
161.00	4.77	
162.00	23.50	
163.00	15.00	
164.00	7.52	
165.00	6.53	
166.00	6.89	
167.00	7.41	
168.00	2.12	
169.00	19.20	
170.00	6.91	
171.00	18.00	
172.00	5.27	
173.00	30.00	
174.00	15.70	
175.00	15.70	
176.00	6.58	
177.00	8.47	
178.00	46.60	
179.00	45.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	35.00	
181.00	4.81	
182.00	7.55	
183.00	6.66	
184.00	5.70	
185.00	0.67	
186.00	7.39	
187.00	12.20	
188.00	9.68	
189.00	1.35	
190.00	2.61	
191.00	3.05	
192.00	11.40	
193.00	2.70	
194.00	9.24	
195.00	2.23	
196.00	2.01	
197.00	3.47	
198.00	3.01	
199.00	2.56	
200.00	5.27	
201.00	6.29	
202.00	2.58	
203.00	4.55	
204.00	4.13	
205.00	1.46	
206.00	6.35	
207.00	26.00	
208.00	4.44	
209.00	2.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	2.56	
211.00	2.96	
212.00	3.14	
213.00	1.75	
214.00	0.84	
215.00	13.10	
216.00	1.02	
217.00	9.02	
218.00	3.49	
219.00	0.34	
220.00	4.48	
221.00	3.03	
222.00	4.06	
223.00	6.40	
224.00	8.85	
225.00	13.20	
226.00	5.14	
227.00	6.05	
228.00	4.96	
229.00	2.85	
230.00	2.26	
231.00	10.00	
232.00	5.06	
233.00	5.01	
234.00	2.70	
235.00	5.19	
236.00	3.60	
237.00	4.33	
238.00	5.43	
239.00	0.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	1.92	
241.00	4.97	
242.00	0.42	
243.00	11.20	
244.00	0.98	
245.00	1.24	
246.00	3.56	
247.00	8.58	
248.00	3.23	
249.00	3.12	
250.00	2.23	
251.00	4.37	
252.00	2.36	
253.00	2.74	
254.00	2.12	
255.00	4.39	
256.00	2.69	
257.00	6.56	
258.00	3.67	
259.00	3.80	
260.00	2.90	
261.00	1.72	
262.00	2.63	
263.00	2.06	
264.00	2.41	
265.00	0.60	
266.00	31.30	
267.00	31.10	
268.00	4.17	
269.00	1.24	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	9.42	
271.00	0.73	
272.00	2.23	
273.00	9.18	
274.00	21.00	
275.00	18.90	
276.00	3.91	
277.00	3.27	
278.00	2.67	
279.00	1.39	
280.00	1.15	
281.00	0.51	
282.00	1.72	
283.00	0.98	
284.00	1.50	
285.00	1.81	
286.00	0.78	
287.00	1.61	
288.00	1.22	
289.00	3.03	
290.00	1.48	
291.00	1.17	
292.00	2.04	
293.00	0.96	
294.00	1.88	
295.00	0.31	
296.00	4.33	
297.00	0.58	
298.00	1.51	
299.00	0.84	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	1.40	
301.00	1.06	
302.00	2.76	
303.00	1.59	
304.00	1.46	
305.00	9.07	
306.00	1.53	
307.00	1.28	
308.00	2.65	
309.00	4.95	
310.00	5.32	
311.00	6.02	
312.00	4.88	
313.00	2.89	
314.00	4.84	
315.00	6.84	
316.00	3.86	
317.00	2.19	
318.00	4.15	
319.00	4.30	
320.00	2.69	
321.00	4.19	
322.00	3.58	
323.00	4.41	
324.00	3.58	
325.00	4.73	
326.00	3.09	
327.00	3.66	
328.00	3.84	
329.00	4.94	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	4.11	
331.00	3.51	
332.00	4.02	
333.00	3.45	
334.00	4.46	
335.00	3.03	
336.00	3.62	
337.00	3.95	
338.00	3.78	
339.00	2.81	
340.00	2.43	
341.00	4.70	
342.00	3.27	
343.00	3.18	
344.00	4.41	
345.00	4.81	
346.00	23.20	
347.00	4.30	
348.00	4.11	
349.00	2.15	
350.00	3.49	
351.00	4.02	
352.00	3.72	
353.00	4.94	
354.00	3.03	
355.00	2.83	
356.00	4.75	
357.00	3.18	
358.00	4.09	
359.00	3.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.69	
361.00	5.54	
362.00	2.50	
363.00	5.87	
364.00	4.20	
365.00	39.50	
366.00	4.02	
367.00	36.00	
368.00	4.52	
369.00	5.52	
370.00	3.84	
371.00	8.32	
372.00	4.44	
373.00	22.40	
374.00	10.40	
375.00	25.00	
376.00	13.80	
377.00	4.20	
378.00	4.39	
379.00	3.40	
380.00	2.76	
381.00	2.32	
382.00	4.04	
383.00	4.35	
384.00	4.09	
385.00	1.26	
386.00	4.70	
387.00	6.00	
388.00	3.07	
389.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	0.73	
391.00	1.39	
392.00	32.50	
393.00	31.90	
394.00	39.00	
395.00	35.70	
		EOH at 395.33 meters

KLAZA

Hole: DDH-KL-12-110 Date: Aug 2012

Box #	From (m)	To (m)
1	0.00	5.05
2	5.05	10.59
3	10.59	15.82
4	15.82	20.79
5	20.79	26.37
6	26.37	31.37
7	31.37	36.83
8	36.83	42.50
9	42.50	47.92
10	47.92	53.14
11	53.14	58.43
12	58.43	63.90
13	63.90	69.19
14	69.19	74.53
15	74.53	79.66
16	79.66	85.27
17	85.27	90.78
18	90.78	96.47
19	96.47	101.85
20	101.85	107.59
21	107.59	112.78
22	112.78	118.25
23	118.25	123.55
24	123.55	128.97
25	128.97	134.09
26	134.09	139.55
27	139.55	145.20
28	145.20	150.87
29	150.87	156.43

KLAZA

30	156.43	163.36
31	163.36	168.15
32	168.15	173.86
33	173.86	179.56
34	179.56	185.28
35	185.28	190.77
36	190.77	196.52
37	196.52	202.28
38	202.28	207.98
39	207.98	213.86
40	213.86	219.41
41	219.41	224.88
42	224.88	230.54
43	230.54	236.20
44	236.20	241.64
45	241.64	246.98
46	246.98	252.48
47	252.48	257.95
48	257.95	263.07
49	263.07	269.05
50	269.05	275.00
51	275.00	280.68
52	280.68	286.51
53	286.51	292.30
54	292.30	297.70
55	297.70	303.24
56	303.24	308.96
57	308.96	314.46
58	314.46	319.80
59	319.80	325.55
60	325.55	331.20
61	331.20	336.73
62	336.73	342.26
63	342.26	247.73
64	247.73	353.42
65	353.42	359.15
66	359.15	364.85

KLAZA

67	364.85	370.84
68	370.84	376.67
69	376.67	382.47
70	382.47	388.18
71	388.18	393.42
72	393.42	395.33
		EOH at 395.33 m

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Western Klaza			382420.94	6890914.1	1304.672	191.11

SECTION:

HOLE: DDH-KL-12-111

CLAIM: YD09216

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 15-16th, 2012

Geology logged by: Gareth Wolff

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.76	6.76	GRD	Unaltered granodiorite with strong to intense oxidation.
6.76	23.83	17.07	GRD	Argillic altered granodiorite with patchy phyllic alteration and moderate oxidation.
23.83	25.04	1.21	FEL	Tan-grey to dark red-pink quartz feldspar porphyry dyke.
25.04	34.82	9.78	GRD	Unaltered granodiorite with patchy argillic and phyllic envelopes around pyrite-hosting veins and veinlets.
34.82	63.68	28.86	GRD	Argillic altered granodiorite with patchy phyllic alteration around veinlets, and light to moderate oxidation.
63.68	126.02	62.34	GRD	Lightly silicified granodiorite with patchy phyllic alteration envelopes around veins and veinlets, occasionally hosting pyrite.
126.02	128.37	2.35	FEL	Silicified quartz feldspar porphyry dyke, with undulatory striations showing colour zonation, and clay alteration of feldspars.
128.37	137.38	9.01	GRD	Argillic altered granodiorite with patchy phyllic and potassic envelopes around quartz-carbonate stringers and veinlets.
137.38	154.03	16.65	FEL	Grey quartz feldspar porphyry dyke.
154.03	167.70	13.67	FEL	Green quartz feldspar porphyry dyke, with patchy hematite staining and undulatory striations in red, orange, green and brown.
167.70	171.28	3.58	GRD	Argillic altered granodiorite with patchy propylitic and potassic alteration.
171.28	191.11	19.83	FEL	Green to orange quartz feldspar porphyry dyke with biotite and hornblende fine phenocrysts.
				EOH

SAMPLES

Numbers: M359001 - M359121

Total: 121

Batch: 111-1 to 111-4

Date Sent:

Certificate:

COMMENTS

EOH @ 191.11 m

KLAZA

Hole: DDH-KL-12-111 **Logger Name:** Gareth Wolff **Date:** Aug 16 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	5.18	5.18					GRD	MG	MD	BN		3I									Oxidized and fragmented overburden with granodiorite.
									MD	GY	PA										
5.18	6.76	1.58				mKgW	GRD	MG	MD	OR		5I									Intensely oxidized granodiorite, fractured and broken.
									MD	GY											
6.76	6.90	0.14				mKgW	GRD	MG	MD	GY		2I	2I	PRO	3I						Propylitically altered granodiorite, with quartz-carbonate veinlets and netted hematite stringers. Hematite rims on K-feldspar. Light silicification.
									DK	GN				POT	2I						
6.90	10.89	3.99				mKgW	GRD	MG	LT	GN	PA	1I	1I	PHC	2I						Phyllically altered granodiorite, light to moderate alteration around veinlets. Patchy argillic traces. Oxidation on fracture planes.
									MD	GY				ARG	1I						
10.89	17.08	6.19				mKgW	GRD	MG	LT	GY	PA	3I	1I	ARG	3I						Weak to strong patchy argillically altered granodiorite, with strong oxidation on fractures and veins. Patchy light phyllic overprinting.
									LT	GN				PHC	2I						
									MD	OR											
17.08	23.83	6.75				mKgW	GRD	MG	LT	GY		4I	3I	ARG	4I						Strongly argillic altered and oxidized granodiorite. Pervasive orange oxidation, black on fractures and stringers. Patchy silicification throughout.
									MD	OR											
23.83	25.04	1.21				LKqP	FEL	FG	MD	TN	PO	3I	2I								Quartz-feldspar porphyry dyke. Colour zonation from tan-grey to dark red-pink. Patchy silicification. Strong oxidation on fractures. Subrounded to rouned phenocrysts, some altered to soft white clay. With depth, increasing oxidation obscures dyke textures.
									DK	RD											
25.04	25.67	0.63				mKgW	GRD	MG	MD	GY		3I	3I	ARG	4I	<1					Argillic altered granodiorite. Silicification decreases with depth from quartz-feldspar porphyry dyke contact. Pervasive oxidation. Fine disseminated pyrite near dyke contact.
										OR											
25.67	29.67	4.00				mKgW	GRD	MG	MD	GY		2I		PHC	1I	<1					Relatively unaltered granodiorite, oxidized on fractures. Trace phyllic alteration near veinlets and stringers.
29.67	31.85	2.18				mKgW	GRD	MG		WH	PA	2I		ARG	4I			SP	<1		Argillic altered granodiorite with patchy phyllic overprinting around veins and veinlets. Fine disseminated pyrite and medium sphalerite blebs in veinlets and phyllic envlope around veinlets.
									LT	GN				PHC	2I						
31.85	34.82	2.97				mKgW	GRD	MG	MD	GY		2I									Relatively unaltered, lightly oxidized granodiorite.
34.82	37.48	2.66				mKgW	GRD	MG		WH		3I		ARG	4I						Strong to intensely argillitic altered granodiorite, pervasively oxidized.
									MD	OR											
37.48	45.63	8.15				mKgW	GRD	MG	LT	GY	PA	2I	2I	ARG	3I	1.00					Argillic altered granodiorite with light phyllic overprinting enveloping veins and veinlets of quartz + pyrite + fine black sulphides. Patchy oxidation, predominantly on fracture surfaces, and patchy silicification. Disseminated pyrite blebs, near quartz-pyrite veins.
									LT	GN				PHC	2I						
45.63	46.97	1.34				mKgW	GRD	MG	MD	OR	FR	5I	2I	ARG	4I						Intensely oxidized argillic altered granodiorite with coarse clear quartz phenocrysts. Most textures obscured by oxidation. Encompassing very fragmented, possible fault zone.
46.97	50.26	3.29				mKgW	GRD	MG	LT	GY	PA	2I		ARG	3I						Moderately argillic altered granodiorite with light to moderate phyllic overprinting. Patchy oxidation.
									LT	GN				PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
50.26	52.96	2.70				mKgW	GRD	MG	MD	GY	PA	2I	2I	PHC	2I						Granodiorite with patchy light phyllic alteration. Light to moderate silicification.
									LT	GN											
52.96	59.10	6.14				mKgW	GRD	MG	LT	GY	MO	2I		ARG	4I						Strongly argillic altered granodiorite with overprinting phyllic and potassic alteration enveloping veins.
										WH				PHC	2I						
														POT	2I						
			54.65	57.42	2.77	mKgW	GRD	MG	LT	OR	RB	4I		ARG	4I						Moderate to intensely argillic altered, oxidized rubble and fractured granodiorite. Possible fault zone?
59.10	63.68	4.58				mKgW	GRD	MG	LT	GY	PA	2I		ARG	3I	1.00					Moderate phyllic alteration overprinting moderate argillic altered granodiorite, with patchy potassic traces, all enveloping quartz-carboante-pyrite veining. Patchy oxidation obscures some textures. Extensive quartz-carboante veins and stringers.
									LT	GN				PHC	3I						
														POT	1I						
63.68	88.50	24.82				mKgW	GRD	MG	MD	GY	MA	1I	2I			<1					Lightly silicified granodiorite. Patchy oxidation, predominantly on fractures. Traces of fine disseminated pyrite. Quartz-carbonate stringers, veinlets and veins, with phyllic and potassic alteration envelopes.
			67.20	68.50	1.30	mKgW	GRD	MG	LT	GN	EN			ARG	3I	1.00					Argillic altered granodiorite overprinted by moderate phyllic and light potassic envelope surrounding pyrite-chalcopyrite-quartz-carbonate vein. Disseminated pyrite hosted in the granodiorite.
														PHC	3I						
														POT	2I						
			70.29	70.72	0.43	mKgW	GRD	MG	LT	GN	PA			PHC	3I	<1					Light to moderate phyllic alteration of granodiorite, surrounding 4 quartz-carbonate veinlets and hosting trace disseminated pyrite.
			72.50	73.15	0.65	mKgW	GRD	MG	LT	GN	PA			PHC	2I	<1					Light phyllic and potassic alteration of granodiorite, encompassing 2 quartz-carbonate veinlets.
														POT	2I						
			78.13	80.06	1.93	mKgW	GRD	MG	LT	RD	MO	3I		ARG	4I						granodiorite with moderate to intense argillic alteration, coated with dark red-pink oxidation in patches. Intensity of alteration decreases down hole.
										WH											
			80.74	80.90	0.16	mKgW	GRD	MG	MD	GY	EN			PHC	3I	1.00					Phyllic and potassic alteration envelope around 2 quartz-carbonate veinlets. Fine disseminated pyrite.
									LT	GN				POT	2I						
			82.35	84.35	2.00	mKgW	GRD	MG	LT	GY	PA	2I		ARG	2I						Patchy argillic altered granodiorite with overprinting phyllic alteration. Oxidation on fractures and veins.
									LT	GN				PHC	3I						
			87.06	87.87	0.81	mKgW	GRD	MG	MD	GY	PA	2I		ARG	2I	1.00					Envelope of altered granodiorite around quartz-pyrite veins. Light argillic alteration grading to phyllic and potassic towards veins.
									LT	GN	EN			PHC	3I						
														POT	2I						
88.50	94.30	5.80				mKgW	GRD	MG	MD	GY	PA	2I		ARG	2I	1.00					Patchy alternating zones of fresh granodiorite and argillic altered granodiorite, overprinted by phyllic and potassic alteration, around quartz-pyrite veinlets and veins.
									LT	GN				PHC	2I						
														POT	2I						
94.30	97.07	2.77				mKgW	GRD	MG	MD	GY	MA		3I								Moderately silicified granodiorite, otherwise unaltered.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
97.07	126.02	28.95				mKgW	GRD	MG	MD	GY	PA		2I	ARG	2I	<1					Lightly silicified granodiorite hosting multiple phyllic and argillic envelopes surrounding quartz-carbonate stringers, veinlets and small veins.
														PHC	3I						
			97.07	97.75	0.68	mKgW	GRD	MG	LT	GY	EN			ARG	3I	<1					Envelope around 5cm quartz-carbonate vein. Strongly argillic granodiorite at outside of envelope, with light to moderate phyllic overprinting increasing in intensity towards the vein. Pyrite blebs.
									LT	GN				PHC	2I						
			101.47	102.34	0.87	mKgW	GRD	MG	LT	GN	EN			ARG	3I	1.00					Envelope of argillic and phyllic altered granodiorite encompassing 7 quartz-carbonate +/- pyrite veinlets and veins. Moderate to weak argillic alteration at edges of envelope, overprinted by phyllic alteration. Disseminated pyrite.
														PHC	3I						
			108.25	109.58	1.33	mKgW	GRD	MG		WH	EN			ARG	3I	<1					Argillic altered granodiorite, with phyllic overprint enveloping 4 quartz-carbonate veinlets and 1 vein. Trace disseminated pyrite. Trace potassic envelope on vein.
									LT	GN				PHC	2I						
														POT	1I						
			113.56	114.55	0.99	mKgW	GRD	MG	LT	GN	EN			PHC	3I	1.00					Phyllic and potassic alteration of granodiorite, in envelope around smoky to milky quartz-carbonate vein with disseminated pyrite. Quartz-carbonate veinlets and stringers throughout. Altered xenolith at top of interval with partially recrystallized edges.
									LT	PK				POT	2I						
			121.28	122.68	1.40	mKgW	GRD	MG	LT	GN	EN		2I	PHC	3I	<1					Phyllic and potassic alteration of granodiorite, enveloping 1.5cm quartz vein hosting disseminated pyrite. Quartz-carbonate stringers throughout.
									LT	PK				POT	3I						
			124.39	126.02	1.63	mKgW	GRD	MG	LT	GN	EN		3I	ARG	4I	<1					Silicified, argillic altered granodiorite with 13 quartz-carbonate stringers and veinlets with 1-5cm phyllic envelopes. Traces of potassic alteration in phyllic envelopes.
										WH				PHC	3I						
														POT	1I						
126.02	128.37	2.35				LKqP	FEL	FG	DK	BN	MO		4I								Silicified quartz-feldspar porphyry dyke. Green-brown-red grading into dark grey-green, with silicification increasing down hole, moderately vuggy. Mottled texture with extensive undulatory striations and colour zonation. Gouge at lower contact. Clay alteration of feldspar phenocrysts. Netted carbonate stringers.
									DK	GN	PO										
128.37	137.38	9.01				mKgW	GRD	MG	LT	GN	PA		3I	ARG	3I	<1					Argillic altered granodiorite with patchy phyllic and potassic overprinting. Extensive quartz-carbonate stringers and veinlets throughout. Moderately silicified.
										PK				PHC	3I						
														POT	2I						
			130.70	131.52	0.82	mKgW	GRD	MG	DK	GN	PA			PHC	2I	<1					Propylitic and potassic alteration envelope on granodiorite, with trace disseminated pyrite and quartz-carbonate stringers.
											EN			PRO	3I						
			131.68	132.11	0.43	mKgW	GRD	MG	DK	GN	PA			PHC	2I						Patchy propylitic and phyllic alteration of granodiorite, encompassing 2 quartz-carbonate veins. Disseminated pyrite.
									LT	GN	EN			PRO	3I	1.00					
			133.68	135.10	1.42	mKgW	GRD	MG	DK	GN	PA			PHC	2I						Patchy zones of propylitic altered granodiorite alternating with phyllic and potassic zones. Quartz stringers and veinlets.
														POT	2I						
														PRO	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			135.10	137.38	2.28	mKgW	GRD	MG		WH	GO		3I	ARG	4I						Argillic altered granodiorite, strongly silicified with quartz eyes. Silicification increases with depth towards contact with dyke. Intensely argillic fragmented patches, and occasional gouge.
137.38	154.03	16.65				LKqP	FEL	FG	MD	GY	PO	1I	2I								Quartz-feldspar porphyry dyke, dark to moderate grey. Moderately silicified with netted carbonate stringers at upper contact. Silicification decreases with depth. Patchy pale green clay alteration of feldspar phenocrysts. Patchy pink-red oxidation of phenocrysts and groundmass.
									DK	RD											
154.03	167.70	13.67				LKqP	FEL	FG	LT	GN	PO	2I									Green quartz-feldspar porphyry dyke, with patchy red-pink oxidation (hematite staining?). Phenocrysts predominantly <2mm in diameter. Fractured to rubbly.
			158.13	158.69	0.56	mKgW	GRD	MG		WH				ARG	3I						Argillic altered granodiorite, probably xenolith.
									LT	GN											
			158.69	160.01	1.32	LKqP	FEL	FG	MD	BN	NE	3I	2I								Red-brown, lightly silicified and oxidized quartz-feldspar porphyry dyke with extensive netted carbonate stringers.
167.70	171.28	3.58				mKgW	GRD	MG	LT	GN	PA			ARG	3I						Argillic altered granodiorite with patchy propylitic and potassic alteration. Quartz-carbonate veinlets and stringers throughout.
									LT	PK				POT	3I						
														PRO	2I						
171.28	191.11	19.83				LKqP	FEL	FG	LT	GN	PO			POT	3I						Quartz-feldspar porphyry dyke with approximately 10% biotite and hornblende phenocrysts. Patchy potassic alteration.
									MD	GY											
			171.28	172.82	1.54	LKqP	FEL	FG	MD	OR	MO										Quartz-feldspar porphyry dyke with green to orange striations and colour zonation.
									DK	GN											
																					EOH @ 191.11m

KLAZA

Hole: DDH-KL-12-111 Logger Name: Gareth Wolff

Depth (m)		DESCRIPTION
	23.83	Contact between argillic altered granodiorite and felsic plagioclase-quartz porphyry dyke. Orange limonitic gouge on contact. 55 deg to core axis (TCA) attitude of contact.
	25.04	Strongly oxidized contact between oxidized felsic dyke and silicified granodiorite. Orange limonite gouge on contact.
	126.02	Contact between phyllic and argillic altered granodiorite and silicified quartz-feldspar porphyry dyke. Orange limonitic gouge on contact.
	128.37	Gradational contact between felsic dyke and argillic altered granodiorite. Pink-red gouge coating contact zone, with extensive colour variation.
	137.38	Contact between argillic altered, silicified granodiorite, and silicified quartz-feldspar porphyry dyke. White gouge on contact.
	167.70	Contact between oxidized dyke and argillic altered granodiorite, at 65 degrees TCA.
	171.28	Contact between argillic altered granodiorite and dark green striated quartz-feldspar porphyry dyke, at 60 degrees TCA.
		EOH

KLAZA

Hole: DDH-KL-12-111 **Logger Name:** Gareth Wolff **Date:** August 16, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	6.76	6.90	60.00		4.00			Quartz-carbonate veinlets with hematite and limonite rims.	
VT	7.07	10.72	50-60		13.00			Quartz-carbonate veinlets to stringers, white to black, variably oxidized.	
VN	11.77	11.79	70.00		1.00			1.5cm layered milky to clear quartz-carbonate vein, black on rims.	
VN	13.08	13.10	80.00		1.00			2cm milky to clear quartz vein with fine breccia at edge.	
VT	13.90	14.22	80.00		3.00			3 milky quartz veinlets with clear quartz centres.	
VN	17.96	17.98	75.00		1.00			Oxidized quartz vein with black selvages.	
VT	23.88				1.00			Irregular dark grey chalcedonic quartz veinlet.	
VT	25.12	25.60	60.00		4.00			4 milky quartz veinlets at approximately 60 degrees to core axis (TCA).	
VT	26.29		70.00		1.00	Py	1.00	Milky quartz veinlet, 2mm wide, hosting pyrite blebs in selvage.	
ST	28.34	28.38	45.00		1.00			Hematite stained quartz stringer.	
VN	29.85	29.89	60.00		1.00	Py	10.00	Milky to clear crustiform quartz-carbonate-pyrite vein, 3cm wide, oxidized, hosting pyrite in disseminated blebs and fine stringers.	
VN	30.60	30.62	80.00		1.00	Py	5.00	Quartz-pyrite crustiform limonitic vein. Fine black sulphide (?) along selvages.	
VN	30.64	30.68	50.00		1.00	Py	10.00	Comb quartz vein, 1cm wide, hosting fine pyrite and medium-grained black sphalerite blebs. Fine traces of arsenopyrite. Fine black sulphide(?) selvages. Surrounded by phyllic alteration envelope with pyrite blebs.	
						Sp	5.00		
						As	<1		
ST	31.17	31.23			5.00			5 variably oriented oxidized quartz stringers.	
VT	31.57	31.59	70.00		2.00	Py	2.00	2 quartz veinlets with fine-grained pyrite, surrounded by phyllic alteration envelope.	
ST	32.61	37.50			10/m			Oxidized quartz-carbonate stringers. Predominantly at 40-50 degrees TCA, some at <30 degrees TCA.	
VT	38.58	38.63	40.00		1.00	Py	5.00	2-3mm quartz-pyrite veinlet, with milky quartz, fine pyrite, and stringers of fine black sulphide(?). Fine quartz brecciation.	
VT	41.05	41.11	Various		6.00	Py	20-70	1-8mm quartz-pyrite veinlets, with fine black sulphide(?).	
VN	42.06	42.10	75.00		1.00	Py	10.00	2cm vein, fine black, possible sulphide. Fine disseminated pyrite.	
VN	42.10	42.13	65.00		1.00	Py	<1	1cm crustiform quartz vein, milky, traces of pyrite.	
VT	45.41		70.00		1.00	Py	50.00	Milky to grey quartz veinlet with pyrite and fine black sulphide(?).	
VT	45.47	45.53	Various		3.00	Py	<1	Clear to grey quartz veinlets with fine black sulphide(?), 1-5mm wide.	
FT	45.94	46.97			1.00			Strongly oxidized rubble, possible fault zone.	
VT	49.11		60.00		1.00	Py	5.00	Milky quartz veinlet hosting pyrite blebs.	
VT	49.60	50.15	10.00		1.00			Irregular smoky quartz veinlet with hematite staining.	
VT	50.64	53.15	Various		10/m			Milky quartz-carbonate veinlets and stringers, oxidized, at varying orientations.	
VN	53.50	53.55	40.00		1.00			3cm milky to clear crustiform quartz vein, oxidized at edges and enveloped by phyllic alteration. Cross-cut by carbonate stringers.	
FT	54.65	57.42			1.00			Extensive rubble, possible fault zone.	
VN	57.85	57.90	65.00		1.00	Py	3.00	Crustiform smoky to milky quartz vein, hosting disseminated pyrite. Vuggy, 5cm wide.	
VT	58.97	59.02	80.00		2.00			2 irregular milky quartz veinlets, 5cm spacing.	
VT	59.22	59.65	20.00		4.00			Irregular milky quartz veinlets, at low angle to core axis.	
VN	59.69	59.82	65.00		1.00	Py	5.00	Crustiform smoky to milky quartz vein, with patches of fine quartz breccia. Variably oxidized. 11cm wide. Fine disseminated pyrite.	
VT	60.18	60.50	Various		3.00			Milky unmineralized quartz veinlets.	
GO	61.30	61.32			1.00			Orange oxidized gouge, at contact with vein.	
VN	61.30	61.48	50.00		1.00	Py	2.00	16cm crustiform quartz vein. Bands of smoky to milky quartz, variably brecciated. Fine disseminated arsenopyrite and blebs and stringers of pyrite.	
						As	5.00		
ST	67.12	67.83	30-40		5.00			5 unmineralized milky quartz-carbonate stringers.	
VN	68.03	68.04	70.00		1.00	Py	40.00	1cm crustiform quartz-pyrite vein, milky to smoky quartz and massive pyrite. Blebs of chalcopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Cp	1.00		
VN	68.24	68.27	50.00		1.00			Quartz-calcite vein, white to dark green, vuggy, crustiform.	
VT	69.80	74.18	Various		4/m			Unmineralized milky quartz-carbonate veinlets, at varying orientations, predominantly 60-70 degrees TCA.	
VT	70.40	70.64	70.00		5.00	Py	<1	Milky quartz-carbonate veinlets with trace pyrite.	
VT	80.74	80.90	60.00		2.00	Py	<1	Milky calcite veinlets with chalcedonic rims and trace pyrite. Encompassed by phyllic envelope.	
VN	82.90	82.92			1.00			Irregular, oxidized quartz vein with chalcedonic rims and coarse, vuggy interior.	
VN	83.01	83.04	70.00		1.00	Py	<1	Crustiform clear to milky quartz-carbonate vein with fine breccia.	
VT	83.48	84.19	Various		5.00			Milky unmineralized quartz-carbonate veinlets.	
ST	85.82	86.06	Various		5.00			Quartz-carbonate stringers with trace hematite.	
VT	86.24	86.25	80.00		1.00			9mm milky quartz-carbonate veinlet.	
VN	87.24	87.28	55.00		1.00	Py	5.00	Milky to smoky crustiform quartz vein with pyrite blebs. Lightly brecciated.	
VT	87.76	87.78	60.00		1.00	Py	1.00	Milky quartz-carbonate veinlet, 8mm wide, with fine pyrite.	
VT	88.80	88.84	50.00		1.00	Py	10.00	Fine black quartz-sulphide veinlet, with chalcopyrite and pyrite blebs, and hematite staining.	
						Cp	1.00		
VT	88.98	89.11	50.00		2.00	Py	5.00	Smoky to milky quartz veinlets with hematite rims and disseminated pyrite.	
VT	89.55	89.63	50.00		2.00			Milky quartz-carbonate veinlets, variable width.	
VT	89.97	90.03	60.00		2.00			2 hematite-rich quartz veinlets, 3cm spacing.	
VN	90.80	90.86	50.00		1.00	As?	<1	Milky to light green quartz-carbonate vein, colloform, fine-grained traces of As(?).	
VN	93.60	93.62	50.00		1.00	Py	10.00	Milky to smoky quartz-carbonate vein hosting pyrite stringers. Colloform texture. 1.8cm wide.	
VT	93.70	93.73	50.00		1.00			Clear to milky quartz-carbonate veinlet, 4mm wide.	
VN	97.45	97.50	75.00		1.00	Py	1.00	4cm crustiform clear to milky quartz-carbonate vein, brecciated at edges and with fine pyrite in selvage. Encompassed by phyllic alteration envelope.	
VT	98.38	100.89	Various		20.00	Py	1.00	Milky quartz-carbonate veinlets with pyrite blebs.	
VT	101.06	101.07	75.00		1.00	Py	1.00	Smoky to milky quartz-carbonate veinlet with fine pyrite.	
VN	101.75	102.19	55-60		3.00	Py	1.00	Milky to smoky quartz-carbonate veins with fine pyrite in selvages.	
VN	104.52	104.57	50.00		1.00			1cm wide milky crustiform quartz-carbonate vein.	
VT	104.75	104.79	50.00		1.00	Py	5.00	8mm wide clear to milky quartz-carbonate vein with disseminated pyrite and pyrite blebs in selvage. Enveloped by phyllic alteration. Cross-cut by carbonate stringers.	
VT	108.39	108.45	40.00		1.00	Py	1.00	Smoky to milky quartz-carbonate veinlet with 4cm phyllic envelope, hosting fine pyrite.	
VN	109.17	109.23	80.00		1.00	Py	1.00	Milky to clear crustiform quartz-carbonate vein with disseminated pyrite.	
VT	110.23	114.16	Various		15.00			Milky quartz-carbonate veinlets and stringers, of varying orientation.	
VN	114.19	114.28	40.00		1.00	Py	2.00	Crustiform smoky to milky 1cm wide quartz vein, brecciated at rims with fine disseminated pyrite.	
VT	114.47	114.49	60.00		1.00			Milky to clear 8mm wide quartz veinlet.	
VN	119.66	119.68	70.00		1.00	Py	1.00	Crustiform clear to milky 1.2cm wide quartz vein with fine pyrite selvages.	
VT	121.77	121.82	50.00		1.00	Py	5.00	Smoky to milky quartz veinlet. Pyrite along selvages.	
VT	122.30	123.95	Various		7.00			7 milky unmineralized quartz-carbonate veinlets, some at <20 degrees TCA.	
VT	124.49	125.60	60-70		10.00			10 smoky to milky quartz-carbonate veinlets, with hosting fine black sulphide(?).	
VN	132.05	132.07	75.00		1.00	Py	1.00	Crustiform milky to clear quartz vein hosting pyrite in vein and selvage.	
VT	132.10		70.00		1.00	Py	<1	Smoky to milky crustiform quartz-carbonate veinlet hosting fine pyrite in selvage.	
VT	134.56	134.62	40.00		1.00			Milky quartz veinlet with dark green clay alteration.	
GO	136.15	136.17			1.00			Grey gouge in argillic altered granodiorite.	
GO	137.34	137.36			1.00			Grey gouge at contact between granodiorite and felsic quartz-feldspar porphyry dyke.	
ST	137.71	137.85	Various					Netted carbonate stringers.	
VT	145.65	147.09	5.00		1.00			Milky to clear quartz-carbonate veinlet, approximately parallel to core axis.	
VT	151.78	151.85	55.00		2.00			2 milky quartz-carbonate veinlets.	
ST	158.69	160.01	Various					Netted quartz-carbonate stringers.	
GO	160.01	160.04			1.00			White to light green gouge in felsic dyke.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	160.30	162.80	10.00		3.00			Quartz-carbonate veinlets, approximately parallel to core axis.	
VT	163.95	165.00	60.00		4.00			Milky carbonate veinlets.	
VT	168.10	168.12	85.00		1.00			Quartz-carbonate veinlet with propylitic altered selvages.	
VT	169.20	170.81	Various		9.00			Milky to clear netted quartz-carbonate veinlets.	
ST	173.60	173.90	30.00		3.00			White carbonate stringers.	
VT	174.90	175.14	60.00		3.00			White carbonate veinlets.	
VN	175.81	175.84	60.00		1.00			Milky to clear quartz vein.	
VN	176.82	176.95	80.00		1.00			White calcite vein, 11cm wide, with quartz veinlets.	
VT	179.12	179.18	40.00		1.00			Milky quartz-carbonate veinlet with 7cm intense potassic alteration envelope.	
VT	182.30	186.37	Various		13.00			Milky quartz-carbonate veinlets.	
VT	189.10	189.93	Various		9.00			Milky quartz-carbonate veinlets, variably netted.	
VN	190.45	190.47	60.00		1.00			Clear quartz vein cross-cut by milky carbonate stringers. 2cm wide.	
EOH								EOH @ 191.11	

KLAZA

Hole: DDH-KL-12-111 **Date:** August 17 2012

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
7.07	9.4	5	505.9	313.8	GRD	EN	PHC	3I	Py	1	2.740987	2.633524	Phyllic envelope around quartz veinlet with pyrite.
30.98	9.8	5	479.9	281.8	GRD	MA	ARG	4I			2.49399	2.422514	Argillic altered granodiorite, white to light grey. Traces of potassic alteration.
							POT	1I					
48.8	9.8	5	524.9	324.4	GRD	PA	ARG	2I			2.727851	2.617955	Argillic altered granodiorite with phyllic overprinting.
							PHC	3I					
60.25	10.1	5	526.2	321.2	GRD	MO	ARG	2I			2.653381	2.566829	Light phyllic overprint of argillic altered granodiorite, encompassing milky quartz veinlet.
							PHC	2I					
82.88	10.1	5	530.9	325.5	GRD	VU	PHC	3I			2.677081	2.584713	Phyllic alteration encompassing vuggy, oxidized quartz vein.
	Volume (mL)												
93.57	162		436.4	258.2	GRD		PHC	3I	Py	1	2.693827	2.448934	Phyllic alteration envelope encompassing milky to smoky colloform quartz vein hosting pyrite.
116.21	202		533	326.9	GRD		PHC	2I			2.638614	2.586123	Light phyllic alteration of silicified granodiorite, with milky carbonate-quartz veinlet.
							SIL	3I					
131.23	182		468.5	288.3	GRD		PRO	3I			2.574176	2.599889	Propylitic altered granodiorite with light potassic overprint. Milky quartz-carbonate veinlet.
							POT	2I					
158.75	227		575.6	348.8	FEL	MO	SIL	2I			2.535683	2.537919	Dark red-brown and green striated felsic dyke.
170.38	144		378.4	228.1	GRD		ARG	2I			2.627778	2.517631	Argillic altered granodiorite.
178.4	222		566	346.3	FEL	PA	POT	3I			2.54955	2.57624	Potassic altered quartz-feldspar porphyry dyke with biotite and hornblende phenocrysts.
EOH													

KLAZA

Hole: DDH-KL-12-111 **Date:** August 17 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	5.78	5.78	2.74	47.4	M359001	111-1				Rubble, low recovery
5.78	6.85	1.07	0.90	84.1	M359002	111-1				
6.85	8.97	2.12	1.87	88.2	M359003	111-1				
8.97	10.47	1.50	1.34	89.3	M359004	111-1				
					M359005	111-1				Coarse reject duplicate
10.47	11.74	1.27	1.19	93.7	M359006	111-1				
11.74	13.13	1.39	1.32	95	M359007	111-1				
13.13	14.60	1.47	1.47	100	M359008	111-1				
14.60	17.05	2.45	2.39	97.6	M359009	111-1				
17.05	18.05	1.00	0.86	86	M359010	111-1				
18.05	19.93	1.88	1.88	100	M359011	111-1				
19.93	22.08	2.15	2.12	98.6	M359012	111-1				
					M359013	111-1				Blank
22.08	23.83	1.75	1.75	100	M359014	111-1				
22.08	23.83	1.75	1.75	100	M359015	111-1				1/4 duplicate
23.83	25.04	1.21	1.17	96.7	M359016	111-1				
25.04	26.43	1.39	1.38	99.3	M359017	111-1				
					M359018	111-1				Standard Klaza-3
26.43	28.48	2.05	2.05	100	M359019	111-1				
28.48	29.78	1.30	1.29	99.2	M359020	111-1				
29.78	30.80	1.02	1.02	100	M359021	111-1				
30.80	32.61	1.81	1.81	100	M359022	111-1				
					M359023	111-1				Blank
32.61	35.66	3.05	2.90	95.1	M359024	111-1				
35.66	36.72	1.06	1.00	94.3	M359025	111-1				
36.72	38.27	1.55	1.55	100	M359026	111-1				
					M359027	111-1				Standard Klaza-3
38.27	39.73	1.46	1.46	100	M359028	111-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
39.73	41.00	1.27	1.23	96.9	M359029	111-1				
41.00	42.21	1.21	1.21	100	M359030	111-1				
42.21	44.18	1.97	1.94	98.5	M359031	111-1				
44.18	45.65	1.47	1.47	100	M359032	111-1				
45.65	48.60	2.95	2.80	94.9	M359033	111-1				
48.60	49.80	1.20	1.17	97.5	M359034	111-1				
49.80	52.80	3.00	2.91	97	M359035	111-1				
52.80	53.95	1.15	1.13	98.3	M359036	111-1				
53.95	56.64	2.69	2.69	100	M359037	111-2				
56.64	57.95	1.31	1.30	99.2	M359038	111-2				
57.95	59.32	1.37	1.37	100	M359039	111-2				
					M359040	111-2				Standard Klaza-3
59.32	60.69	1.37	1.37	100	M359041	111-2				
60.69	61.69	1.00	0.99	99	M359042	111-2				
					M359043	111-2				Blank
61.69	64.67	2.98	2.93	98.3	M359044	111-2				
64.67	67.54	2.87	2.77	96.5	M359045	111-2				
67.54	68.57	1.03	1.03	100	M359046	111-2				
68.57	70.24	1.67	1.59	95.2	M359047	111-2				
					M359048	111-2				Coarse reject duplicate
70.24	71.34	1.10	1.10	100	M359049	111-2				
71.34	73.12	1.78	1.78	100	M359050	111-2				
73.12	74.60	1.48	1.47	99.3	M359051	111-2				
74.60	77.54	2.94	2.94	100	M359052	111-2				
77.54	80.50	2.96	2.96	100	M359053	111-2				
80.50	82.55	2.05	2.04	99.5	M359054	111-2				
82.55	83.65	1.10	1.05	95.5	M359055	111-2				
					M359056	111-2				Blank
83.65	85.50	1.85	1.82	98.4	M359057	111-2				
85.50	87.23	1.73	1.65	95.4	M359058	111-2				
87.23	88.62	1.39	1.38	99.3	M359059	111-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
88.62	90.05	1.43	1.43	100	M359060	111-2				
					M359061	111-2				Standard Klaza-3
90.05	92.96	2.91	2.90	99.7	M359062	111-2				
92.96	94.01	1.05	1.05	100	M359063	111-2				
94.01	95.40	1.39	1.39	100	M359064	111-2				
94.01	95.40	1.39	1.39	100	M359065	111-2				1/4 duplicate
95.40	97.07	1.67	1.67	100	M359066	111-2				
97.07	98.08	1.01	0.98	97	M359067	111-2				
98.08	100.05	1.97	1.97	100	M359068	111-2				
100.05	101.46	1.41	1.41	100	M359069	111-2				
101.46	102.52	1.06	1.00	94.3	M359070	111-2				
102.52	103.60	1.08	1.06	98.1	M359071	111-2				
103.60	105.66	2.06	2.06	100	M359072	111-2				
105.66	106.66	1.00	0.99	99	M359073	111-3				
106.66	108.29	1.63	1.59	97.5	M359074	111-3				
108.29	109.31	1.02	1.02	100	M359075	111-3				
					M359076	111-3				Blank
109.31	110.83	1.52	1.39	91.4	M359077	111-3				
					M359078	111-3				Standard Klaza-3
110.83	113.50	2.67	2.67	100	M359079	111-3				
113.50	114.58	1.08	1.01	93.5	M359080	111-3				
114.58	116.44	1.86	1.86	100	M359081	111-3				
116.44	117.52	1.08	1.03	95.4	M359082	111-3				
117.52	119.12	1.60	1.60	100	M359083	111-3				
119.12	120.20	1.08	1.05	97.2	M359084	111-3				
120.20	121.79	1.59	1.52	95.6	M359085	111-3				
					M359086	111-3				Coarse reject duplicate
121.79	123.05	1.26	1.26	100	M359087	111-3				
123.05	124.45	1.40	1.38	98.6	M359088	111-3				
124.45	126.03	1.58	1.58	100	M359089	111-3				
					M359090	111-3				
126.03	128.39	2.36	2.31	97.9	M359091	111-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
128.39	130.33	1.94	1.89	97.4	M359092	111-3				
130.33	131.53	1.20	1.19	99.2	M359093	111-3				
130.33	131.53	1.20	1.19	99.2	M359094	111-3				1/4 duplicate
131.53	132.63	1.10	1.08	98.2	M359095	111-3				
132.63	134.42	1.79	1.79	100	M359096	111-3				
134.42	136.13	1.71	1.71	100	M359097	111-3				
136.13	137.36	1.23	1.21	98.4	M359098	111-3				
137.36	139.29	1.93	1.90	98.4	M359099	111-3				
139.29	142.34	3.05	3.00	98.4	M359100	111-3				
					M359101	111-3				Standard Klaza-3
142.34	145.38	3.04	3.01	99	M359102	111-3				
145.38	148.44	3.06	3.06	100	M359103	111-3				
148.44	151.49	3.05	2.95	96.7	M359104	111-3				
151.49	154.53	3.04	3.01	99	M359105	111-3				
154.53	157.58	3.05	3.02	99	M359106	111-3				
157.58	160.63	3.05	2.93	96.1	M359107	111-3				
160.63	163.68	3.05	3.01	98.7	M359108	111-3				
163.68	166.73	3.05	3.05	100	M359109	111-4				
166.73	167.73	1.00	1.00	100	M359110	111-4				
167.73	169.19	1.46	1.46	100	M359111	111-4				
169.19	171.28	2.09	1.94	92.8	M359112	111-4				
					M359113	111-4				Blank
171.28	172.82	1.54	1.54	100	M359114	111-4				
172.82	175.87	3.05	2.96	97	M359115	111-4				
175.87	178.91	3.04	2.92	96.1	M359116	111-4				
178.91	181.97	3.06	3.00	98	M359117	111-4				
181.97	185.01	3.04	3.04	100	M359118	111-4				
					M359119	111-4				Coarse reject duplicate
185.01	188.06	3.05	2.98	97.7	M359120	111-4				
188.06	191.11	3.05	3.05	100	M359121	111-4				
EOH										EOH @ 191.11m

KLAZA

Hole: DDH-KL-12-111 **Tech Name: Sezgin** **Date:August 16, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	2.37	46	0.25	5		2	0S	5W	
5.18	8.23	3.05	2.80	92	1.18	39		2	1S	5W	
8.23	11.28	3.05	2.70	89	1.11	36		2	3S	4W	
11.28	14.33	3.05	2.90	95	1.33	44		2	3S	3W	
14.33	17.37	3.04	2.85	94	0.64	21		2	0S	5W	
17.37	20.42	3.05	2.94	96	0.42	14		2	2S	4W	
20.42	23.47	3.05	2.95	97	1.27	42		2	1S	4W	
23.47	26.52	3.05	2.94	96	1.21	40		2	1S	3W	
26.52	29.57	3.05	2.95	97	1.21	40		2	3S	3W	
29.57	32.61	3.04	2.95	97	1.99	65		2	2S	3W	
32.61	35.66	3.05	2.96	97	1.12	37		2	3S	4W	
35.66	38.71	3.05	2.95	97	1.53	50		1	0S	5W	
38.71	41.76	3.05	2.96	97	1.45	48		2	1S	4W	
41.76	44.81	3.05	2.91	95	1.85	61		2	1S	3W	
44.81	47.85	3.04	2.95	97	1.13	37		1	1S	5W	
47.85	50.90	3.05	2.94	96	2.01	66		2	2S	3W	
50.90	53.95	3.05	2.94	96	2.02	66		2	3S	3W	
53.95	57.00	3.05	2.85	93	0.26	9		1	0S	5W	
57.00	60.05	3.05	2.95	97	1.79	59		1	0S	4W	
60.05	63.09	3.04	2.91	96	1.50	49		2	3S	3W	
63.09	66.14	3.05	2.90	95	1.32	43		2	2S	3W	
66.14	69.19	3.05	2.93	96	1.00	33		2	1S	3W	
69.19	72.24	3.05	3.00	98	1.37	45		2	5S	3W	
72.24	75.29	3.05	2.94	96	2.34	77		2	5S	3W	
75.29	78.33	3.04	2.96	97	1.97	65		2	2S	3W	
78.33	81.38	3.05	2.94	96	1.02	33		2	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.80	92	1.50	49		2	1S	4W	
84.43	87.48	3.05	2.82	92	1.22	40		2	4S	3W	
87.48	90.53	3.05	3.00	98	1.26	41		2	3S	3W	
90.53	93.57	3.04	3.04	100	2.45	81		2	1S	2W	
93.57	96.62	3.05	3.05	100	2.78	91		2	4S	2W	
96.62	99.67	3.05	3.05	100	2.55	84		2	0S	2W	
99.67	102.72	3.05	2.98	98	2.56	84		2	1S	2W	
102.72	105.77	3.05	3.03	99	2.50	82		2	3S	2W	
105.77	108.81	3.04	3.00	99	2.37	78		2	3S	2W	
108.81	111.86	3.05	2.94	96	2.25	74		2	1S	2W	
111.86	114.91	3.05	2.98	98	2.98	98		2	3S	2W	
114.91	117.96	3.05	2.96	97	2.73	90		2	3S	2W	
117.96	121.01	3.05	3.05	100	2.40	79		2	3S	2W	
121.01	124.05	3.04	3.02	99	2.28	75		2	3S	2W	
124.05	127.10	3.05	3.05	100	2.41	79		2	1S	2W	
127.10	130.15	3.05	2.97	97	1.89	62		2	1S	2W	
130.15	133.20	3.05	3.05	100	2.51	82		2	3S	2W	
133.20	136.25	3.05	2.94	96	2.12	70		1	0S	3W	
136.25	139.29	3.04	2.94	97	1.54	51		1	1S	3W	
139.29	142.34	3.05	3.00	98	2.83	93		2	3S	2W	
142.34	145.38	3.04	3.01	99	2.37	78		2	4S	2W	
145.38	148.44	3.06	3.05	100	1.57	51		2	4S	2W	
148.44	151.49	3.05	2.91	95	2.52	83		2	3S	2W	
151.49	154.53	3.04	3.04	100	1.57	52		2	1S	2w	
154.53	157.58	3.05	2.97	97	0.30	10		2	1S	2w	
157.58	160.63	3.05	2.98	98	1.40	46		2	0S	2w	
160.63	163.68	3.05	3.00	98	1.61	53		2	3S	2w	
163.68	166.73	3.05	3.05	100	1.30	43		2	3S	2w	
166.73	169.77	3.04	2.97	98	2.35	77		2	0S	2w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.93	96	1.91	63		2	1S	2w	
172.82	175.87	3.05	3.04	100	2.02	66		2	3S	1w	
175.87	178.91	3.04	2.96	97	2.33	77		2	4S	1w	
178.91	181.97	3.06	2.94	96	2.51	82		2	4S	2w	
181.97	185.01	3.04	3.05	100	2.63	87		2	3S	2w	
185.01	188.06	3.05	2.98	98	2.67	88		2	0S	2w	
188.06	191.11	3.05	3.01	99	2.42	79		2	3S	2w	
											EOH at 191.11m

KLAZA

Hole: DDH-KL-12-111 **Tech Name:** Sezgin **Date:** August 16, 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	-	-	-	-	-	-	
5.18	8.23	3.05	-	-	-	-	-	-	
8.23	11.28	3.05	50.00	0.20	0.00	1.00	2R	3W	
11.28	14.33	3.05	-	-	-	-	-	-	
14.33	17.37	3.04	-	-	-	-	-	-	
17.37	20.42	3.05	60.00	0.10	2.00	1.00	2R	3W	
20.42	23.47	3.05	65.00	0.16	1.00	1.00	2R	3W	
23.47	26.52	3.05	62.00	0.10	0.00	1.00	2R	2W	
26.52	29.57	3.05	70.00	0.07	0.00	1.00	2R	3W	
29.57	32.61	3.04	70.00	0.52	0.00	1.00	2R	2W	
32.61	35.66	3.05	65.00	0.28	0.00	1.00	2R	3W	
35.66	38.71	3.05	-	-	-	-	-	-	
38.71	41.76	3.05	70.00	0.71	0.00	1.00	2R	3W	
41.76	44.81	3.05	-	-	-	-	-	-	
44.81	47.85	3.04	-	-	-	-	-	-	
47.85	50.90	3.05	-	-	-	-	-	-	
50.90	53.95	3.05	60.00	0.98	0.00	1.00	2R	2W	
53.95	57.00	3.05	70.00	0.15	0.00	1.00	2R	2W	
57.00	60.05	3.05	60.00	0.91	0.00	2.00	2R	2W	
60.05	63.09	3.04	40.00	1.26	0.00	2.00	3R	3W	
63.09	66.14	3.05	65.00	0.25	0.00	1.00	2R	1W	
66.14	69.19	3.05	70.00	0.22	0.00	1.00	2R	2W	
69.19	72.24	3.05	60.00	0.46	0.00	1.00	2R	3W	
72.24	75.29	3.05	65.00	0.83	0.00	1.00	2R	1W	
75.29	78.33	3.04	-	-	-	-	-	-	
78.33	81.38	3.05	40.00	0.48	0.00	1.00	2R	3W	
81.38	84.43	3.05	-	-	-	-	-	-	

KLAZA

84.43	87.48	3.05	65.00	0.42	0.00	1.00	2R	1W	
87.48	90.53	3.05	65.00	0.06	0.00	1.00	2R	3W	
90.53	93.57	3.04	50.00	0.40	0.00	1.00	3R	2W	
93.57	96.62	3.05	40.00	0.50	0.00	1.00	2R	3W	
96.62	99.67	3.05	50.00	0.60	0.00	2.00	3R	2W	
99.67	102.72	3.05	45.00	0.20	0.00	2.00	3R	2W	
102.72	105.77	3.05	45.00	0.20	0.00	2.00	2R	2W	
105.77	108.81	3.04	60.00	0.20	0.00	2.00	2R	1W	
108.81	111.86	3.05	60.00	0.40	1.00	2.00	2R	2W	
111.86	114.91	3.05	35.00	0.30	0.00	2.00	2R	2W	
114.91	117.96	3.05	40.00	0.50	0.00	2.00	2R	2W	
117.96	121.01	3.05	30.00	0.30	0.00	2.00	3R	2W	
121.01	124.05	3.04	35.00	0.25	0.00	2.00	2R	2W	
124.05	127.10	3.05	60.00	0.15	0.00	2.00	2R	2W	
127.10	130.15	3.05	60.00	0.25	0.00	2.00	3R	3W	
130.15	133.20	3.05	40.00	0.40	1.00	2.00	3R	2W	
133.20	136.25	3.05	30.00	0.30	2.00	2.00	3R	3W	
136.25	139.29	3.04	60.00	0.25	1.00	2.00	2R	2W	
139.29	142.34	3.05	30.00	1.00	0.00	3.00	3R	2W	
142.34	145.38	3.04	85.00	1.00	0.00	3.00	3R	2W	Possibly in tube hammer breaks.
145.38	148.44	3.06	50.00	0.40	0.00	2.00	3R	2W	
148.44	151.49	3.05	45.00	0.25	0.00	2.00	2R	2W	
151.49	154.53	3.04	70.00	0.67	0.00	1.00	2R	2W	
154.53	157.58	3.05							
157.58	160.63	3.05	70.00	0.21	0.00	2.00	2R	2W	
160.63	163.68	3.05							
163.68	166.73	3.05	65.00	0.44	0.00	2.00	2R	2W	
166.73	169.77	3.04	45.00	0.51	0.00	2.00	3R	2W	
169.77	172.82	3.05	60.00	0.24	0.00	2.00	2R	2W	
172.82	175.87	3.05	50.00	0.92	0.00	1.00	2R	1W	
175.87	178.91	3.04	50.00	0.26	0.00	1.00	2R	1W	
178.91	181.97	3.06	60.00	0.70	0.00	1.00	2R	2W	
181.97	185.01	3.04	35.00	0.95	0.00	2.00	2R	2W	
185.01	188.06	3.05	40.00	0.59	0.00	2.00	2R	2W	
188.06	191.11	3.05	50.00	0.17	0.00	1.00	2R	2W	
									EOH at 191.11m

KLAZA

Hole: DDH-KL-12-111 Date: Aug 16, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	12.20	
2.00	6.56	
3.00	11.70	
4.00	8.82	
5.00	4.70	
6.00	3.29	
7.00	11.70	
8.00	7.35	
9.00	7.50	
10.00	5.47	
11.00	2.23	
12.00	4.61	
13.00	1.62	
14.00	1.72	
15.00	1.83	
16.00	5.61	
17.00	8.63	
18.00	4.06	
19.00	3.82	
20.00	4.55	
21.00	3.86	
22.00	2.01	
23.00	4.19	
24.00	4.09	
25.00	3.11	
26.00	4.66	
27.00	10.90	
28.00	14.00	
29.00	17.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	6.95	
31.00	6.27	
32.00	6.77	
33.00	11.50	
34.00	15.30	
35.00	15.80	
36.00	3.73	
37.00	5.91	
38.00	3.34	
39.00	3.01	
40.00	6.00	
41.00	4.70	
42.00	3.29	
43.00	3.71	
44.00	3.78	
45.00	0.60	
46.00	3.51	
47.00	3.14	
48.00	5.87	
49.00	4.92	
50.00	4.24	
51.00	5.83	
52.00	5.70	
53.00	6.25	
54.00	5.96	
55.00	4.20	
56.00	4.55	
57.00	5.72	
58.00	7.06	
59.00	5.14	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	5.45	
61.00	5.06	
62.00	5.67	
63.00	4.73	
64.00	20.50	
65.00	15.50	
66.00	14.30	
67.00	16.70	
68.00	4.94	
69.00	8.27	
70.00	10.50	
71.00	20.00	
72.00	17.70	
73.00	6.36	
74.00	19.70	
75.00	15.20	
76.00	16.40	
77.00	7.33	
78.00	20.30	
79.00	5.28	
80.00	16.10	
81.00	19.70	
82.00	17.90	
83.00	4.81	
84.00	3.78	
85.00	18.80	
86.00	18.90	
87.00	17.10	
88.00	14.50	
89.00	7.85	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	4.11	
91.00	4.15	
92.00	18.60	
93.00	1.97	
94.00	19.10	
95.00	18.40	
96.00	21.00	
97.00	18.20	
98.00	12.60	
99.00	4.17	
100.00	6.00	
101.00	3.97	
102.00	4.77	
103.00	24.40	
104.00	19.00	
105.00	13.50	
106.00	8.27	
107.00	17.30	
108.00	16.20	
109.00	9.47	
110.00	14.30	
111.00	4.99	
112.00	12.40	
113.00	13.50	
114.00	2.85	
115.00	7.83	
116.00	21.10	
117.00	8.23	
118.00	16.50	
119.00	1.93	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.36	
121.00	8.93	
122.00	4.92	
123.00	7.13	
124.00	6.09	
125.00	2.54	
126.00	4.84	
127.00	2.89	
128.00	3.31	
129.00	2.79	
130.00	3.31	
131.00	5.58	
132.00	4.77	
133.00	5.17	
134.00	4.55	
135.00	5.05	
136.00	4.57	
137.00	4.70	
138.00	1.59	
139.00	5.30	
140.00	4.33	
141.00	6.99	
142.00	6.36	
143.00	7.11	
144.00	7.90	
145.00	3.36	
146.00	4.46	
147.00	4.33	
148.00	5.16	
149.00	8.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	9.40	
151.00	8.72	
152.00	7.61	
153.00	7.46	
154.00	3.45	
155.00	4.57	
156.00	4.73	
157.00	8.45	
158.00	3.78	
159.00	7.02	
160.00	3.49	
161.00	5.14	
162.00	8.12	
163.00	10.70	
164.00	12.00	
165.00	10.00	
166.00	11.20	
167.00	11.20	
168.00	11.60	
169.00	4.64	
170.00	11.70	
171.00	10.30	
172.00	1.99	
173.00	4.20	
174.00	10.50	
175.00	5.83	
176.00	7.35	
177.00	10.20	
178.00	11.60	
179.00	12.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	13.60	
181.00	3.24	
182.00	5.16	
183.00	5.12	
184.00	6.55	
185.00	3.84	
186.00	5.88	
187.00	3.25	
188.00	2.69	
189.00	4.95	
190.00	6.35	
191.00	6.97	
		EOH at 191.11m

KLAZA

Hole: **DDH-KL-12-111** **Date: August 2012**

Box #	From (m)	To (m)
1	0.00	8.34
2	8.34	14.23
3	14.23	19.77
4	19.77	25.12
5	25.12	30.78
6	30.78	36.07
7	36.07	41.76
8	41.76	47.32
9	47.32	53.15
10	53.15	58.42
11	58.42	63.92
12	63.92	69.54
13	69.54	75.23
14	75.23	80.66
15	80.66	86.18
16	86.18	91.70
17	91.70	97.34
18	97.34	103.02
19	103.02	108.81
20	108.81	114.60
21	114.60	120.20
22	120.20	125.77
23	125.77	131.41
24	131.41	137.14
25	137.14	142.74
26	142.74	148.51
27	148.51	154.26
28	154.26	159.41
29	159.41	165.00

KLAZA

30	165.00	170.44
31	170.44	175.87
32	175.87	181.61
33	181.61	187.17
34	187.17	191.11
		EOH at 191.11m

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			382243.43	6889462.9	1368.278	328.27

SECTION:

HOLE: KL-DDH-12-112

CLAIM: YC37988

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 16-20th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	20.81		GRD	Oxidized GRD
	40.33		FEL	Quartz-feldspar-porphry dyke
	81.89		GRD	Unaltereed GRD with with intervals of PHC and ARG
	156.52		GRD	Intervals of PRO, PHC, ARG and unaltered granodio
	192.68		GRD	Unaltered GRD
	260.97		GRD	GRD with alternating PRO & PHC alteration (PRO>P
	261.45		GRD	PHC altered GRD with chalcedoney veins.
	262.34		FEL	Quartz-feldspar-porphry dyke
	263.11		VN	Milky quartz vein hosting blebby py, as, gn & sp +
				strong PHC altered GRD
	266.17		FEL	Quartz-feldspar-porphry dyke
	266.83		GRD	Phyllic altered footwall of dyke with milky quartz vein
				hosting blebby as and py
	288.85		GRD	PRO altered GRD
	302.49		GRD	GRD with alternating PRO and ARG alterations.
	309.84		GRD	Brecciated zone. Dominantly fault-gouge-breccia.
	328.27		GRD	GRD with PRO and ARG alteration (PRO>ARG) EOH

SAMPLES

Numbers: N813335-N813400, M354001-M354054, M35157,
I354055-M354103, M354116, M354105-M354115, M354117-M3541

Total: 221

Batch: 112-1 to 112-7

Date Sent:

Certificate:

COMMENTS

EOH @ 328.27 m

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Logger Name:** Nicole Marsh **Date: August 22nd, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	5.18	5.18					OVB														Overburden
5.18	9.44	4.26					GRD		MD	OR	RU	5.00									Intensely oxidized granodiorite. Bright orange, pervasive limonite staining. Soft and friable. Patchy occurrences of hematite.
9.44	20.81	11.37					GRD		MD	OR		4.00									Very strong oxidized granodiorite. More competent than previous interval, with patches of soft and friable core. Patches with feldspars altering to soft white clays. Pervasive limonite staining with patchy goethite and hematite staining. Oxidized patches with quartz eyes.
									DK	BL											
20.81	40.33	19.52					FEL		MD	OR		4.00									Oxidized and limonite stained quartz-feldspar-porphyry dyke. Patchy limonite staining and goethite staining in fractures. Patches of soft, clay altered dyke. White carbonate veinlets spread throughout (less is oxidized zones). Grey and grey-purple colour under limonite staining.
									LT	PU											
									LT	GY											
40.33	43.32	2.99				mKgW	GRD	MG	MD	GY-BL		3.00	3.00	PHC	3.00	1.00		Sp	<1		Moderately silicified and moderate to intensely phyllic altered granodiorite hosting disseminated and blebby pyrite throughout. Blebby galena and sphalerite hosted within veins and stringers (see secondary structures log). Light green and grey-blue colours. Patchy limonite staining on surface of core and staining on all fractures (some goethite on fractures).
									LT	GN	PA							Gn	<1		
43.32	48.00	4.68				mKgW	GRD	MG	MD	OR	PA	4.00		PHC	2.00						Highly oxidized granodiorite. Patchy limonite staining (on all fractures) and
									LT	BK				ARG	2.00						
48.00	57.65	9.65				mKgW	GRD	MG	MD	OR		3.00		ARG	1.00						Generally unaltered granodiorite, apart from patchy limonite staining and
									MD	GY											
			53.04	54.10	1.06	mKgW	GRD	MG	MD	OR		4.00		ARG	2.00						Argillic altered and intensely limonite stained and oxidized granodiorite. Hard, weak
57.65	58.33	0.68																			
58.33	132.57	74.24				mKgW	GRD	MG	MD	GY	MA			PRO	1.00						Unaltered granodiorite with patches of weak propylitic alteration. Grey colour. Small/rounded, finer grained xenoliths throughout.
			81.89	88.32	6.43	mKgW	GRD	MG	MD	GN				PRO	2.00						Weak to moderate propylitic altered granodiorite with 50cm phyllic alteration at beginning of interval.
														PHC	1.00						
			93.05	93.98	0.93	mKgW	GRD	MG	MD	LT	WH			ARG	3.00	<<1					Moderately argillic altered granodiorite with weak potassic overprint t and small patches of phyllic alteration (possibly an overprint) enveloping quartz/quartz-carbonate vein (hosting disseminated pyrite).
														PHC	2.00						
			93.46	100.70	7.24	mKgW	GRD	MG	LT	GN	PA			PHC	3.00	<1		Gn	<1		Patchy, altered granodiorite. Moderate to strong phyllic alteration enveloping quartz and quartz-carbonate veining (vein hosting sphalerite, galena and pyrite at 99.58m; see secondary structures log), phyllic and potassic overprinting moderate argillic alteration and an interval of weak propylitic alteration. Approximately 65% phyllic)50cm of argillic, 88cm of propylitic).
									MD	GN				ARG	3.00			Sp	<1		
														PRO	2.00						
			100.70	101.36	0.66	mKgW	GRD	MG	MD	GN				PRO	2.00						Weak to moderately propylitic altered granodiorite.
			108.48	109.66	1.18	mKgW	GRD	MG	LT	GN				PHC	3.00			Py	<1		Altered granodiorite. First half of interval is moderately argillic altered granodiorite with phyllic and potassic overprinting. 2nd half is moderate to strong phyllic alteration enveloping quartz-carbonate veinlet (hosting disseminated pyrite).
									LT	WH				ARG	3.00						
														POT	1.00						

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			114.49	115.41	0.92	mKgW	GRD	MG	LT	WH	PA			ARG	3.00						Moderately argillic altered granodiorite with small phyllic alteration halos enveloping veinlets. Weak potassic and trace phyllic overprinting. Weak phyllic alteration at end of interval.
									LT	PK				POT	2.00						
														PHC	2.00						
			118.63	123.30	4.67	mKgW	GRD	MG	LT	GN				PHC	4.00						Very light green phyllic altered granodiorite (moderate to strong alteration, patches of abundant light green sericite). Slightly bleached appearance. Patchy silicification.
														SIL	3.00						
			125.48	127.06	1.58	mKgW	GRD	MG	MD	GN				PRO	3.00						Weak to moderate propylitic altered granodiorite. Medium to dark green.
									DK	GN											
			127.06	130.15	3.09	mKgW	GRD	MG	LT	GN	PA			ARG	3.00						Argillic and phyllic altered granodiorite with patches of dark green propylitic alteration and rubble. Patchy potassic overprinting argillic alteration (and minor phyllic overprinting). Hematite stained veinlets + quartz and quartz-carbonate veinlets present.
									LT	PK				POT	2.00						
														PHC	3.00						
132.57	136.30	3.73				mKgW	GRD	MG	LT	PK				ARG	3.00						Argillic and phyllic altered granodiorite with patches of dark green propylitic alteration and rubble. Patchy potassic overprinting argillic alteration (and minor phyllic overprinting). Quartz and quartz-carbonate veinlets present. More argillic than phyllic alteration (more argillic than previous description).
									LT	GN				POT	2.00						
														PHC	3.00						
136.30	156.52	20.22				mKgW	GRD	MG	MD	GY-GN				PRO	2.00						Weak (to moderate) propylitic altered granodiorite with carbonate veinlets and stringers in the more propylitic altered zones. Medium green-grey colour.
			137.19	143.30	6.11	mKgW	GRD	MG	LT	GN				ARG	3.00						Patchy altered granodiorite. Moderate argillic alteration with phyllic and potassic overprinting (weak to moderate) and patch of green-blue propylitic alteration. Majority is argillic altered with patches of weak to strong propylitic (alone). Patch of hematite staining and localized hematite staining on fractures from 144.25-144.90m.
									LT	PK				PHC	3.00						
														PRO	2.00						
			145.30	148.44	3.14	mKgW	GRD	MG	MD	BL-GN				PRO	3.00						Moderate to strong propylitic altered granodiorite with localized heavy hematite on a few fractures (2 heavy, approximately 2 weakly stained fractures). Dark to medium blue-green colour. Trace pyrite within carbonate vein. Dyke at 147.55-147.70m (see secondary structures log). Dyke is dark green and purple and fine grained (altered mafic dyke? not magnetic).
			153.44	155.80	2.36	mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Light green moderate to strong phyllic altered granodiorite with patch of abundant sericite. Brecciated vein present (see secondary structures log).
156.52	192.68	36.16				mKgW	GRD	MG	LT	GY				PRO	1.00						Unaltered granodiorite with small phyllic alteration halos enveloping veins and veinlets, and patches of weak propylitic alteration.
														PHC	1.00						
192.68	260.97	68.29				mKgW	GRD	MG	MD	GN				PRO	2.00						Weakly propylitic altered granodiorite with intervals of unaltered granodiorite. Phyllic alteration enveloping veins. Patches of friable granodiorite.
														PHC	1.00						
			200.94	206.97		mKgW	GRD	MG	LT	GN				ARG	2.00						Patchy, altered granodiorite. Patchy (weak to moderate) argillic, (weak to moderate) phyllic and weak propylitic alteration. Some crumbly short intervals (up to 50cm). Patch of moderate potassic overprinting. Moderate argillic ay lower contact with weak phyllic overprint.

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
									MD	GY				PHC	3.00						
														PRO	2.00						
			212.85	213.16	0.31	mKgW	GRD	MG	MD	GN	FR			ARG	3.00						Crumbly propylitic and argillic altered granodiorite. Blue-green-grey colour.
									MD	GY				PRO	3.00						
			218.56	219.45	0.89	mKgW	GRD	MG	LT	GN	EN			ARG	3.00						Phyllic alteration enveloping veins (see secondary structures log) with moderate argillic alteration overprinted by phyllic and potassic alteration at lower and upper contacts.
														PHC	3.00						
														POT	1.00						
			219.70	220.97	1.27	mKgW	GRD	MG	MD	GN	FR			ARG	3.00						Crumbly propylitic and argillic altered granodiorite. Blue-green-grey colour.
														PRO	3.00						
			222.51	224.65	2.14	mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Patchy altered granodiorite. Phyllic alteration enveloping veins and patchy moderate argillic alteration with trace phyllic and potassic overprinting. 11cm patch interval of intense silicification alteration surrounding dense band of black-fine stringers (hosting pyrite and possibly tourmaline).
														ARG	3.00						
														POT	1.00						
														SIL	4.00						
			230.19	232.75	2.56	mKgW	GRD	MG	LT	GN	EN			PHC	2.00	<1					Light green, altered granodiorite. Weak to moderate phyllic alteration in center with argillic at upper and lower contacts (moderate). Phyllic alteration is enveloping quartz and quartz-carbonate veins.
														ARG	2.00						
			242.20	242.80			GRD		LT	GN				PHC	2.00						Phyllic alteration enveloping quartz and quartz-carbonate veins (hosting disseminated pyrite). Argillic alteration at lower/upper contacts. Light green. Weak to moderate phyllic altered granodiorite.
														ARG	2.00						
			245.05	246.37	1.32	mKgW	GRD	MG	LT	GN				PHC	2.00	<1		Gn	<1		Phyllic alteration enveloping quartz and quartz-carbonate veins (hosting disseminated pyrite and blebby galena). Argillic alteration at lower/upper contacts. Light green. Weak to moderate phyllic altered granodiorite.
														ARG	2.00						
260.97	261.45	0.48				mKgW	GRD	MG	LT	GN				PHC	3.00			Py			Short moderate to strong phyllic alteration before upper contact with dyke. Chalcedony, quartz-carbonate and quartz veins hosting disseminated and small blebs of pyrite.
261.45	262.34	0.89				LKqP	FEL		LT	GN											Light green quartz-feldspar-porphyry dyke. Thin cracks with fault gouge. Soft core at contact with vein (granodiorite). Fine dark-blue stringers and quartz-carbonate veinlets. Phenocrysts barely visible due to heavy alteration.
262.34	263.11	0.77				mKgW	GRD	MG	LT	GY	VN			PHC	4.00	20.00		As	3.00		Pitted, milky quartz vein hosted within granodiorite. Extremely pitted with pervasive semi-massive to massive pyrite within pitting, surface of core and altered granodiorite. Dark-grey sulphide gouge and black aphanitic sulphides netted through core. Weak clay alteration of granodiorite.
									DK	GY								Sp	1.00		
									LT	WH								Gn	1.00		
263.11	266.17	3.06				LKqP	FEL		MD	GY-(	PO										Grey-green porphyritic quartz-feldspar-porphyry dyke. Majority of phenocrysts are stained green.
266.17	266.83	0.66				mKgW	GRD	MG	LT	GN				PHC	3.00	10.00	2.00				Strong phyllic altered granodiorite at contact with dyke, grading into weak phyllic alteration (then weak propylitic in next interval). Veining (quartz-carbonate, chalcedony, and quartz) hosting blebby pyrite, blebby arsenopyrite, semi-massive pyrite and black aphanitic sulphides.

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
266.83	285.91	19.08				mKgW	GRD	MG	MD	GY-GN				PRO	2.00						Weakly propylitic altered granodiorite with patches of fresh granodiorite and patches of moderately propylitic altered granodiorite. 275m onwards has no fresh granodiorite, becoming more propylitic altered.
285.91	288.85	2.94				mKgW	GRD	MG	MD	BL-G	PA			PRO	3.00			He	1.00		Patchy, altered granodiorite. Patchy moderate (with some strong) propylitic, strong silicification, strong propylitic enveloping stringers. Mottled blue-green patches (weak argillic alteration with propylitic overprint) and interval of fault gouge with pervasive green chlorite and hematite stringers (gouge breccia). Disseminated pyrite within highly altered vein (see secondary structures log). Localized hematite staining on fractures (vibrant, brick-red).
									MD	GY				PHC	1.00						
														ARG	2.00						
288.85	293.89	5.04				mKgW	GRD	MG	LT	WH				ARG	4.00			He	1.00		Moderate to strong argillic altered granodiorite with weak propylitic (blue-green) and potassic overprinting and patches of weak propylitic alteration. Localized hematite staining at 293.22m.
									LT	GN				PHC	2.00						
														PRO	2.00						
293.89	296.38	2.49				mKgW	GRD	MG	MD	GN-BL				PRO	2.00						Strong propylitic altered granodiorite at beginning of interval, grading into patchy alteration of weak argillic with weak to strong propylitic overprinting and weak potassic overprinting. Blue-green and pink colour.
									LT	GN-BL				ARG	2.00						
											PA			POT	2.00						
296.38	298.35	1.97				mKgW	GRD	MG	LT	GN	PA			PRO	2.00						Moderate to strong argillic altered granodiorite with weak to moderate propylitic and weak to strong potassic overprinting. Patchy overprinting. Overall light green-blue patchy colours (with pink and light green).
														ARG	3.00						
														POT	2.00						
298.35	302.49	4.14				mKgW	GRD	MG	MD	BL-GN				PRO	3.00						Blue-green patchy propylitic altered granodiorite (weak to strong propylitic alteration overall). Patchy weak to moderate argillic alteration with weak to strong propylitic overprinting. Phyllic alteration enveloping vein and veinlets (see secondary structures log).
											PA			ARG	2.00						
														PHC	1.00						
302.49	309.84	7.35				mKgW	GRD	MG	LT	WH	BX					<1					BRECCIATED ZONE. Overall heterolithic gouge breccia with white, grey and light-grey-green gouge. Several breccias described below. Phyllic altered granodiorite between subintervals. Contacts between gouge breccia and granodiorite are at low angles to-core-axis.
									LT	GY											Stage 1: Grey siliceous breccia with smoky grey quartz matrix. Quartz-carbonate and phyllic altered granodiorite clasts (granodiorite is veined by white, yellow and pink quartz-carbonate +-ankerite). Siliceous grey breccia cuts granodiorite.
																					Stage 1B: Perhaps near the same time as stage 1A (could also be at same time as stage 2) is netted/brecciating creamy-quartz-carbonate brecciating altered granodiorite. Least abundant breccia.
																					Stage 2A: White carbonate (calcite?, massive and with minor prismatic crystals) brecciated veined granodiorite and siliceous-grey breccia. Clasts are generally angular (to sub-angular). Most clasts 4mm to 5cm in with. 1 large 12cm clast contains banded grey-quartz, yellow + white quartz-carbonate vein hosting disseminated pyrite (could also be granodiorite in-situ, being brecciated by carbonate).

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
																					Stage 3: Gouge breccia. Dominant breccia. Fault gouge brecciated everything. Large range of clast size (<1mm to 12cm). Surrounded to subangular clasts. Fault gouge breccia clasts granodiorite at low angle (approximately horizontal).
																					Unknown stage A: Green altered granodiorite/siliceous sub angular clasts within aphanitic soft grey matrix (clasts 3mm to 2cm) and hosting disseminated and blebby pyrite.
																					Unknown stage B: 2 very light-grey, soft breccia veins. Appears bleached with hardly visible clasts. <5mm bleached clasts of granodiorite(?).
																					Late stage: Carbonate breccia vein cutting fault gouge at 60 degrees to-core-axis. 8.5cm in width. Larger sub angular to surrounded clasts of phyllic altered granodiorite. 4mm to 4cm clast size.
			302.49	303.37	0.88	mKgW	GRD	MG	LT	WH	BX										Stage 1 (A and B), stage 2 and stage 3 (not as much gouge as lower sections).
									LT	GY											
			303.39	303.82	0.43				LT	WH	BX										Unknown stage B. Phyllic altered granodiorite between breccia veins.
									LT	GY											
			303.93	307.20	3.27	mKgW	GRD	MG	LT	WH	BX										Stage 3 with stage 1A and 2 clasts and known stage A. More granodiorite clasts than calcite clasts.
									LT	GY											
			307.20	309.84	2.64				LT	WH	BX										Stage 3 with stage 1A and 2 clasts and late stage. More calcite clasts than granodiorite clasts.
									LT	GY											
309.84	317.27	7.43				mKgW	GRD	MG	MD	GN-BL				PRO	3.00	<1					Patchy altered granodiorite. Phyllic and propylitic altered + weak to moderate argillic with propylitic and potassic overprinting. Mottled patchy blue-green colours + light white and light pink. Patches of strong propylitic altered granodiorite.
											PA			PHC	1.00						
														ARG	3.00						
			316.32	317.27	0.95	mKgW	GRD	MG	LT	WH				ARG	4.00						Strong argillic altered granodiorite with trace propylitic and weak to moderate potassic overprinting. Patches of friable core.
									LT	PK				POT	2.00						
														PRO	1.00						
317.27	328.27	11.00				mKgW	GRD	MG	DK	BL-GN				PRO	3.00						Weak to strong propylitic altered granodiorite. Dark blue-green colour. Light green phyllic alteration enveloping quartz-carbonate veinlets. Patch of friable core near end of hole.
			317.27	317.40	0.13	mKgW	GRD	MG	LT	WH				ARG	4.00						Strong argillic altered granodiorite with trace propylitic and weak to moderate potassic overprinting. Patches of friable core.
									LT	PK				POT	2.00						
														PRO	1.00						
			320.68	323.45	2.77	mKgW	GRD	MG	LT	WH				PRO	3.00						Strong argillic altered granodiorite with trace propylitic and weak to moderate potassic overprinting. Patches of friable core.
									LT	PK				ARG	4.00						
														POT	2.00						
														PRO	1.00						
			323.92	325.08	1.16	mKgW	GRD	MG	LT	WH				PRO	3.00						Weak and crumbly argillic and propylitic altered granodiorite. Moderate to strong argillic and moderate propylitic alteration. Weak potassic overprint.
									DK	GN-BL				ARG	3.00						
														POT	2.00						
																					EOH at 328.27m

KLAZA PROPERTY

Hole: KL-DD Logger Name: Nicole Marsh

Depth (m)		DESCRIPTION
20.81		Granodiorite hangingwall, quartz-feldspar-porphry dyke. Extremely oxidized contact. Hangingwall is intensely goethite and limonite stained and limonite pitted. Contatc is approximate, could also be within 3cm gouge zone at 20.89m. Footwall is also oxidized, but less intesnelt. Cracks heavilt limonite stained, some hemaite and minor limonite pitting. Fault froximal to contact (see secondary structures log).
40.33		Quartz-feldspar-porphy dyke hanginwall, granodiorite footwall. Abrupt contact. Limonite stained and clay altered fault gouge at contact (9cm). Fine disseminated pyrite within hangingwall and vein proximal to contact (see secondary structures log). Phyllic altered granodiorite at contact.
261.45		Granodiorite hangingwall, quartz-feldspar-porphry dyke footwall. Extremely oxidized contact. Hangingwall is intensely goethite and limonite stained and limonite pitted. Contatc is approximate, could also be within 3cm gouge zone at 20.89m. Footwall is also oxidize. Footwall has thin fractures containing clay altered gouge (proximal to contact).
262.34		Quartz-feldspar-porphry dyke hangingwall, milky quartz vein (hosted within granodiorite) footwall. Abrupt contact at 60 degees tca. Quartz-feldspar-poprhry dyle is soft/weak at cnract with at least 2cm of clay altered fault gouge. Footwall is heavily mineralized and pitted milky quartz vein with black and grey sulphide gouge and aphanitic sulphides.
263.11		Granodiorite hangingwall, quartz-feldspar porphry dyke footwall. Abrupt contact at 45 degrees tca (gouge within footwall at 70 degrees tca). 2cm milky quartz vein with netted black aphanitic sulphdies and disseminated pyrite at contact hangignwall). Hanginwall is intensely altered. No mineralization within foottwall (competent dyke immediately).
266.17		Quartz-feldspar-porphry dyke hangingwall, granodiorite footwall. Abrupt contact at 70 degrees tca. Banded vein in footwall hosting disseminated pyrite, comprised of grey breccia (grey siliceous matrix with green granodiorite and/or dyke clasts), calcite breccia, and quartz hosting black aphanitic sulphdides, blebby pyrite and semi-massive pyrite. hangingwall is soft and appears sheared (at 80 degrees tca). Soft dyke for 4cm into hanginwall.
		EOH

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Logger Name:** Nicole Marsh **Date:** August 22nd, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
GO	20.88	20.92		70.00					Highly clay altered fault gouge. 29cm in width. Sticky clay alteration.	
GO	21.87	21.90		70.00					Limonite stained and extremely clay altered (100% clay apart from a few pieces of rubble) fault gouge. 2.5cm in width.	
GO	31.13	31.30		70.00					18cm of extremely clay altered fault gouge. ~100% clay. Limonite stained.	
GO	31.50	32.65		60.00		6.00			Highly clay altered gouge zones. 13cm, 8cm, 7cm, 4cm, 5.4cm and 13cm in width. Orientated 55-65 degrees to-core-axis.	
GO	39.30	39.41	0.11						Clay gouge at contact between quartz-feldspar-porphyry-dyke (hangingwall) and granodiorite (footwall) at unknown angle. ~10cm in width.	
VT	39.73	39.85	0.12	80.00		4.00	Py	5.00	2 white quartz-carbonate veinlets and 2 vitreous quartz veinlets bearing disseminated pyrite, blebby pyrite, blebby sphalerite and black aphanitic sulphides. Disseminated Within highly phyllic altered and silicified zone (alteration halo also hosting disseminated and blebby pyrite). . Orientated 70, 80 and 85 (x2) degrees to-core-axis.	
							Sp	1.00		
VT	40.43	41.03	0.60	40.00		4.00	Py	3.00	Stringy, vitreous quartz and quartz-carbonate veinlets within highly silicified zone. Disseminated pyrite throughout. Blebby pyrite, sphalerite and galena, and black aphanitic sulphides hosted within veinlets. 4 groups of veinlets at 40 degrees to-core-axis and one hematite stained stringer.	
							Sp	<1		
							Gn	<1		
VN	42.20	42.30	0.10	80.00			Py	1.00	White vitreous quartz vein hosting blebby pyrite, disseminated pyrite and minor quartz-carbonate. 1.4cm in width.	
ST	42.79	43.16	0.37	30.00		6.00	Py	<1	Limonite stained stringers and one white quartz-carbonate veinlet hosting disseminated pyrite.	
VT	48.36	49.53	1.17	40.00		3.00			3 carbonate veinlets at 40, 40 and 85 degrees to-core-axis. Up to 7mm in width.	
VN	52.94	52.97	0.03	360.00					White quartz and carbonate vein. 1.1cm in width, orientated at 60 degrees to-core-axis. Within heavily limonite stained granodiorite.	
VN	57.46	57.66	0.20	16.00					White carbonate breccia vein. White carbonate matrix with blue-green chlorite rich granodiorite clasts (angular). ~2-4cm in width. Lower contact goes into extremely oxidized and crumbled core. Orientated at ~16 degrees to-core-axis.	
VN	58.33	58.67	0.34	12.00					8mm carbonate-quartz veinlet at shallow angle of 12 degrees to-core-axis.	
VT	66.62	66.98	0.36	10.00					Shallow white carbonate (+minor chlorite_ veinlet at ~10 degrees to-core-axis. 8mm in width.	
DK	72.20	72.34	0.14	70.00					Pink aplite dyke. 11.0cm in width at 70 degrees to-core-axis.	
VT	81.14	81.18	0.04	80.00		2.00	Py	3.00	Vitreous quartz, white quartz-carbonate and stringy yellow quartz-carbonate veinlet enveloped by chlorite rich, dark-green alteration halo (propylitic or phyllic?). 2 thin veinlets at 80 degrees to-core-axis (3mm and 4mm in width).	
VT	89.75	90.26	0.51	41.00		2.00			2 white carbonate veinlets (3mm and 6mm in with) at 41 and 63 degrees to-core-axis.	
				63.00						
VT	93.14	93.29	0.15	20.00					Shallow carbonate-chlorite (+quartz?) veinlet. ~3mm in width.	
VT	93.30	93.35	0.05	65.00		3.00			Crustiform quartz-carbonate veinlet haloed by silicification, hosting fine disseminated pyrite. 3 veinlets (1 has pink tint; ankerite?). 55, 65 and 70 degrees to-core-axis. Up to 5mm in with.	
VT	94.78	94.82	0.04	65.00					Crustiform white, light pink and yellow quartz-carbonate and quartz vein. 1.3cm in width.	
VN	96.61	96.66	0.05	50.00			Py	3.00	Crustiform white and grey vitreous quartz, white quartz-carbonate and beige chalcedony. Hosting disseminated pyrite and pyrite stringers.	
VT	97.71	97.76	0.05	50.00			Py	1.00	White quartz-carbonate (and minor vitreous quartz) veinlet hosting disseminated pyrite. 4mm in width.	
VN	98.73	98.97	0.24	65.00			Py	10.00	1.2cm grey and white chalcedony (white and grey ripple on water appearance, took picture), 1cm of vitreous quartz and 5 thin quartz stringers hosting disseminated pyrite. Veining within highly silicified zone. Entire interval hosts abundant disseminated pyrite.	x

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	99.02	99.23	0.21	75.00			Py	15.00	Banded vein and veinlet. Vein composed of intense silicification hosting disseminated pyrite, bands of vitreous grey and white quartz hosting blebby pyrite, sphalerite and galena, and band of netted quartz-carbonate stringers (creamy white and yellow). 9.4cm in width + 1cm vein at same composition and orientation. Veins orientated at 45 degrees to-core-axis.	
							Gn	1.00		
							Sp	7.00		
VT	99.36	99.49	0.13	70.00			Py	7.00	2 white, crustiform quartz-carbonate veinlet with 2 pyrite stringers. Disseminated and blebby pyrite within alteration halo.	
VN	99.57	99.97	0.40	40.00			Py	7.00	Crustiform/colliform, vuggy vein comprised of vitreous grey-white quartz, yellow + white + green quartz-carbonate and minor brecciation (white quartz-carbonate matrix with quartz clasts up to 2mm). Disseminated pyrite throughout. Blebby pyrite, blebby sphalerite, disseminated (to acicular) arsenopyrite and small blebs of galena hosted in vitreous quartz. 23.5cm in width. This vein is cross-cutting a smoky quartz vein (3.5cm, orientated at 20 degrees in opposing direction).	
							Sp	2.00		
							Gn	<1		
							As	<1		
VN	100.00	100.13	0.13	80.00			As	3.00	1.2cm vein hosting pervasive blebby pyrite and arsenopyrite (~40% arsenopyrite, ~55% pyrite and ~5% aphanitic sulphides) + 3 crustiform/vuggy white and pink quartz-carbonate (+ankerite?) veinlets hosting blebby pyrite and sphalerite (veinlets at 70 degrees to-core-axis).	
							Py	5.00		
							Sp	2.00		
VT	108.91	109.11	0.20	35.00			Py	<1	4 white quartz-carbonate (+ vitreous quartz) veinlets hosting trace disseminated pyrite. Up to 4mm in width.	
FT	109.13	109.19	0.06	60.00					Small fault zone. ~1cm in width, orientated at 60 degrees to-core-axis.	
VT	116.75	116.79	0.04	75.00			Cp	1.00	Milky quartz vein hosting blebby chalcopyrite and stringer of pyrite. 1.0cm in width.	
							Py	<1		
VT	121.81	121.88	0.07	45.00					White carbonate, creamy quartz-carbonate and dark blue quartz veinlet. 8mm in width and orientated 45 degrees to-core-axis.	
VN	127.88	128.78	0.90	9.00					Brecciated vein. White quartz-carbonate matrix with sub angular vitreous quartz clasts (up to 1mm in width). Orientated at 9 degrees to-core-axis. Greater than 80cm in width.	
VT	178.50	180.00	1.50	40.00					1 yellow and 1 hematite stained carbonate veinlets (+ stringers). Both veinlets orientated at 40 degrees to-core-axis.	
VT	132.93	134.40	1.47	60.00		2.00	Py	<1	Carbonate veinlet with minor vitreous quartz, hosting disseminated pyrite. 4mm and 9mm in width.	
FT	134.37	134.45	0.08	60.00					Small, friable fault zone with some clay alteration. 3.2cm in width.	
VT	139.40	140.26	0.86						Weakly crustiform carbonate and quartz-carbonate (grey and yellow). Very shallow veinlet.~ Horizontal with ends curved towards top of core, does not obliquely cut core. Veinlet separates core into dark-blue green strong propylitic and light green strong phyllic alteration. 5mm in width.	
VT	142.25	143.63	1.38			3.00			Quartz and carbonate (+quartz-carbonate) veinlets. ~Horizontal (except for ends of vein). Orientated 13 degrees to-core-axis. Weakly crustiform.	
VN	143.85	144.09	0.24	35.00		2.00			Grey breccia veins. Grey translucent quartz matrix with clasts up to 2mm of granodiorite. Stringy quartz-carbonate within vein. 5.2cm and 1.2cm in width.	
ST/VT	144.34	144.75	0.41	35.00		4.00			Hematite stained quartz veinlets and 3 stringers.	
DK	145.58	147.72	2.14	35.00					Fine-grained, highly altered dyke. Possibly altered mafic dyke (not magnetic). Green colour with dark purple hematite stringers and hematite staining. Intense red hematite staining on one fracture. 2.1cm, 3.2 and 21cm wide (35, 30 and 35 degrees to-core-axis).	
VT	146.58	148.31	1.73	11.00		11.00			Carbonate and quartz veinlets at various angles and cross cutting each-other. Minor blebby pyrite and trace sphalerite. At least 11 stringy veinlets and more stringers. Orientated at 10-70 degrees to-core-axis.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	153.72	154.12	0.40	40.00					Varied vein. Hematite stained quartz, light green altered granodiorite with coarse quartz and blotches of blue-green fine mineral, banded/stringy grey (and hematite stained) quartz, white carbonate, yellow quartz-carbonate and 7mm of breccia (grey siliceous matric with quartz clasts up to 1cm in width), then 2.4cm of breccia gouge (grey clay altered sulphide gouge with hematite stained quartz clasts, clasts likely from vein).	
VT	155.50	155.54	0.04	55.00			Py	<1	Yellow, weakly crustiform carbonate (+quartz?) veinlet with blebby pyrite within blue-green alteration halo. 4mm in width.	
VN	163.97	166.76	2.79	55.00		3.00	Py	<1	Carbonate and vitreous quartz vein hosting disseminated and blebby pyrite, orientated at 55 degrees to-core-axis. 2 veinlets cut by massive carbonate vein at 40 degrees to-core-axis (in same direction).	
				40.00						
ST	173.00	176.42	3.42	75.00		4.00	Py	<1	Carbonate stringers with fine disseminated pyrite, orientated 70-80 degrees to-core-axis.	
VT	183.62	183.68	0.06	52.00					White carbonate veinlet with stringy hematite and black-fine-mineral. 5mm in width.	
VT	185.53	185.58	0.05	73.00			Py	<1	Carbonate and quartz crustiform stringy veinlet with disseminated pyrite. 5mm in width.	
VN	186.50	186.60	0.10						White massive carbonate (calcite) bordered by creamy-quartz carbonate and vitreous quartz, banded vein. 7.8cm at widest and 4.6cm at thinnest sections. ~50% calcite.	
VT	193.71	195.25	1.54	70.00		2.00	Py	<1	Carbonate and quartz-carbonate weakly crustiform veins at 70 degrees to-core-axis. 9mm each. Disseminated pyrite within dark-green strong phyllic alteration alteration envelope (silicified).	
VT	201.18	202.05	0.87	80.00		4.00			4 stringy quartz (+carbonate) veinlets. White and grey.	
VT	201.43	201.97	0.54	80.00					Grey quartz veinlet at 80 degrees and 2 veinlets at 40 degrees to-core-axis.	
GO	203.79	203.90	0.11	45.00					6.5cm of grey sulphide gouge.	
VN	204.06	204.13	0.07	58.00					Grey quartz veinlet at 80 degrees and 2 veinlets at 40 degrees to-core-axis.	
VT	209.74	210.15	0.41	13.00			Ep	2.00	Green quartz-epidote veinlet. ~4mm in width.	
VT	219.03	219.13	0.10	60.00					Creamy chalcedony (or quartz-carbonate?), vitreous grey quartz and white calcite vein. Dominantly chalcedony. Bands and weakly crustiform pink ankerite. 7.4cm in width.	
VT	222.90	222.98	0.08	60.00		3.00			Vuggy white/pink quartz-carbonate (+- ankerite). Stringy vein and veinlets with netted smoky quartz. 5mm, 6mm and 3cm wide grey chalcedony and quartz veinlets.	
DK	223.95	224.17	0.22	68.00					Green-grey siliceous dyke(?) hosting 1.5cm quartz vein and black stringers. Vein and stringers bearing black aphanitic sulphides(?) and blebby pyrite. Abrupt upper contact and gradational lower contact. Contact ~68 degrees to-core-axis. 20.0cm in width.	
VT	230.18	231.43	1.25			7.00			Quartz and quartz-carbonate veinlets up to 9mm in width (most 1-3mm). Orientated 55 to 70 degrees to-core-axis.	
VN	242.37	242.45	0.08	72.00			Py	1.00	White (slightly pink) quartz-carbonate (+- ankerite) crustiform vein with stringy white-yellow quartz-carbonate and quartz at edges of vein hosting blebby pyrite. Also, 2 veinlets of quartz-carbonate at same orientation, hosting blebby pyrite. Vein is 1.7cm in width.	
VT	244.07	244.47	0.40			4.00			Quartz and quartz-carbonate veinlets orientated at 40, 60, 65 and 70 degrees to-core-axis, with yellow and pink colours. Veinlet at 65 degrees is crustiform.	
VN	245.55	245.65	0.10	80.00		2.00	Gn	<1	2 veins. 2.8cm vein consisting of grey siliceous breccia with chalcedony clasts and 7mm of calcite. 2nd vein is 1cm of stringy beige quartz-carbonate hosting minor blebby galena.	
VN	248.34	248.45	0.11	70.00		2.00			Brecciated vein and veinlet with blue fine matrix and phyllic altered granodiorite clasts, quartz-carbonate veinlet and 3 stringers (1 quartz, 1 fine-blue, 1 calcite). Brecciated vein is 1.4cm and veinlet is ~3mm in width, orientated at 70 degrees to-core-axis	
VT	260.02	260.07	0.05	55.00					Banded veinlet (chlorite stained quartz, grey vitreous quartz and white quartz-carbonate). 7mm in width.	
VN	261.24	261.34	0.10	50.00					Light grey chalcedony vein with yellow quartz-carbonate and thin band of breccia (white quartz-carbonate and calcite matrix with siliceous clasts). 4.o cm in width, orientated at 50 degrees to-core-axis.	
VT	261.35	261.42	0.07	40.00					Stringy yellow quartz-carbonate and ark green chlorite veinlet hosting dark aphanitic sulphides.	
VT	261.43	261.48	0.05	60.00					5mm white quartz-carbonate veinlet at contact with dyke.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
FT	261.50	262.34	0.84			5.00			Small clay altered fault gouge zones. 2mm, 5cm, 6mm zones that are well developed (orientated at 62, 50, and 70 degrees to-core-axis. 2cm and 5cm partly developed fault gouge zones (orientated at 50 and 70 degrees to-core-axis).	
VN	262.34	262.92	0.58	70.00			As	3.00	Pitted, milky quartz vein hosted within granodiorite. Extremely pitted with pervasive semi-massive to massive pyrite within pitting, surface of core and altered granodiorite. Dark-grey sulphide gouge and black aphanitic sulphides netted through core. Milky quartz hosting blebby arsenopyrite, sphalerite, galena and black aphanitic sulphides. 49cm in width.	
							Sp	1.00		
							Gn	1.00		
							Py	20.00		
GO	263.11	263.24	0.13	50.00					Soft, clay altered fault gouge zones (within dyke). ~2.9 cm and 1.5cm in width (at 50 and 60 degrees to-core-axis).	
				66.00						
SH	266.09	266.14	0.05	70.00					Sheared, chlorite rich, soft quartz-feldspar-porphyry dyke. Sheared at ~70 degrees to-core-axis.	
VN	266.14	266.44	0.30	60.00			As	7.00	Diverse vein. First ~8cm is grey-green with bands of breccia (fine grey matrix with siliceous small clasts to larger green granodiorite clasts), bands of quartz and fine blue-mineral. ~2cm of netted/brecciating white carbonate with quartz and granodiorite clasts. Remainder of vein is vitreous dark quartz (dark from aphanitic sulphides?) and milky quartz hosting blebby pyrite, blebby arsenopyrite and semi-massive pyrite. 26cm in width at orientated at 60 degrees to-core-axis. Blebby pyrite hosted within phyllic altered alteration footwall.	
							Py	10.00		
VT	274.60	274.64	0.04	60.00			Py	5.00	Weakly crustiform white quartz-carbonate (and vitreous quartz) veinlet hosting disseminated pyrite. 8mm in width, orientated at 60 degrees to-core-axis.	
VN	286.57	287.23	0.66	15.00					Stringy, pink quartz-carbonate, vibrant green quartz-chlorite vein with hematite and highly acid-reactive fault gouge in nose of vein (with light brecciation in nose of vein). 4.5cm in width, orientated at 15 degrees to-core-axis.	
VN	287.42	287.57	0.15	50.00			To	1.00	Semi-banded vein of yellow quartz-carbonate and grey vitreous quartz hosted in sericite and muscovite rich granodiorite. Vein hosting blebby and disseminated pyrite and tourmaline. Adjacent granodiorite is intensely phyllic altered and silicified. 16cm in width at 50 degrees to-core-axis.	
							Py	10.00		
VT	288.70	288.82	0.12	30.00					Completely hematite replaced veinlet at 30 degrees to-core-axis. 3mm in width.	
VN	292.57	292.64	0.07	62.00					Siliceous breccia vein. Light grey siliceous semi-vitreous matrix with sub-angular to angular clasts (<1mm too 1.5cm clasts). White small carbonate clasts and larger (cm scale) green phyllic altered granodiorite clasts. 3.4cm in width.	
VT	293.96	293.33	-0.63	24.00			He	15.00	Fragmented, pervasively hematite stained/replaced vein, with minor quartz. Abundant chlorite haloing vein. 9mm in width and orientated at 24 degrees to-core-axis.	
VN	300.69	300.73	0.04	70.00			Py	3.00	Grey vitreous quartz and white quartz-carbonate vein with dark-blue aphanitic stringers hosting disseminated and blebby pyrite. 1.7cm in width.	
VN	302.52	302.76	0.24	65.00					Fault gouge breccia with granodiorite clasts at 90 degrees to-core-axis. See geo log for additional description.	
VN	303.41	304.70	1.29						2 very light-grey, soft breccia veins. Appears bleached with hardly visible clasts. <5mm bleached clasts of granodiorite(?). 1st vein is orientated at 70 degrees at upper contact and 50 degrees at lower contact (3cm in width). 2nd vein is approximately 5cm in width and orientated at 35 degrees to-core-axis.	
VN	304.15	304.29	0.14						Shallow, massive carbonate vein with pink crustiform carbonate at ~28 degrees to-core-axis. Carbonate vein truncated by breccias (at 30 degrees at upper contact and 60 degrees at lower).	
GO	305.41	306.48	1.07	68.00					6mm of grey-sulphide gouge at contact between gouge-breccia and granodiorite, orientated at 6 degrees to-core-axis.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	309.93	310.14	0.21	20.00		2.00			Banded vitreous quartz (dominantly), thin bands of white carbonate and fine blue mineral. 2 veins at 20 degrees to-core-axis. 1.4cm and 2.0cm in width.	
VN	309.18	309.25	0.07				Py	1.00	Vitreous grey quartz and creamy (vuggy) quartz-carbonate veins hosting fine-blue mineral, tourmaline, blebby pyrite and disseminated pyrite. 1.5cm in width and orientated at 10 degrees to-core-axis.	
VT	315.55	315.57	0.02	90.00			Gn	1.00	White, stringy quartz and quartz0carbonate veinlets with blebby galena, blebby sphalerite and disseminated pyrite. 4mm in width.	
							Py	<1		
							Sp	<1		
VN	316.91	317.25	0.34						Slightly netted and massive carbonate vein. Approximately horizontal. 3mm to 2.5cm in width. Within strong argillic alteration. Truncated by fracture (fault?).	
VT	323.30	323.36	0.06	63.00			Py	<1	White carbonate veinlet with black stringers, hosting disseminated pyrite. 2mm in width.	
VT	326.85	326.88	0.03	70.00					Stringy white quartz-carbonate veinlet at 70 degrees to-core-axis. 7mm in width.	
									EOH	

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Date: August 22nd, 2012**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
50.17	10.2	5.2	502.2	297.6	GRD		OXI	4			2.318355	2.454545	Intensely limonite stained granodiorite with quartz eyes.
82.71	10	5.2	533.1	330	GRD		PRO	3	Cp	<1	2.510222	2.624815	Moderately propylitic altered granodiorite with carbonate stringers containing chalcopyrite and trace epidote.
Change in Volume (mL)									Ep	<1			
97.71	**215**	5.2	619.5	397	GRD		PHC	4	Py	10	2.881395	2.78427	Chalcedony vein hosted within silicified and phyllic granodiorite, hosting blebby and disseminated pyrite.
							SIL	4					
99.07	**187**	5.2	528.4	340.6	GRD		PHC	4	Py	10	2.825668		Silicified and phyllic altered granodiorite with quartz vein hosting disseminated pyrite, blebby sphalerite and blebby pyrite.
							SIL	4	Sp	3			
119.68	10.5	5.2	551.1	346.6	GRD		PHC	4			2.471409	2.694866	Light green strong phyllic altered granodiorite.
133.58	9.6	5.2	483.4	286.9	GRD		ARG	3			2.37104	2.460051	Moderate argillic altered granodiorite with moderate potassic and weak phyllic overprinting.
							POT	3					
							PHC	2					
153.72	**210**	5.2	583.5	368	GRD		PHC	4			2.778571	2.707657	1/2 quartz vein and 1/2 strongly phyllic altered granodiorite.
169.81	**300**	5.2	808.5	508.3	GRD						2.695	2.693205	Fresh granodiorite with 3 fine black stringers
185.53	**266**	5.2	753.8	477	GRD		PHC	4			2.833835	2.723266	Calcite, quartz and quartz-carbonate banded vein within phyllic altered granodiorite.
186.35	**270**	5.2	748.6	476.7	GRD		SIL	2			2.772593	2.753218	Banded calcite and quartz-carbonate vein within phyllic altered granodiorite.
							PHC	3					
222.8	**265**	5.2	723.5	454	GRD		PHC	3			2.730189	2.684601	Stringy and vuggy quartz and quartz-carbonate veinlets (netted) within phyllic altered granodiorite.

KLAZA PROPERTY

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							SIL	2					
228.9	**320**	5.2	866.7	543	FEL		PHC	3	Py	<1	2.708438	2.677479	3/4 of siliceous dyke with black stringers hosting disseminated pyrite and blebby pyrite + 1/4 phyllic altered granodiorite.
264.89	**260**	5.2	931.2	449	FEL						3.581538	1.931149	Grey porphyritic dyke with green stained phenocrysts
266.14	**300**	5.2	715.6	626.2	VEN						2.385333	8.004474	Vein at lower contact with dyke. See secondary structrues log.
290.97	**220**	5.2	533.4	266.6	GRD		ARG	3			2.424545	1.99925	Moderate argillic altered granodiorite with weak propylitic and potassic overprinting.
							POT	2					
							PRO	2					
310.05	**340**	5.2	918.4	561.5	GRD		PHC	4			2.701176	2.57327	Footwall of breccia zone. Strong phyllic altered granodiorite with quartz-carbonate veinlets. Quartz eyes and minor clay alteration in thin fractures.
311.7	**420**	5.2	1127.9	686.4	GRD		PRO	4			2.685476	2.5547	Strong propylitic alteration grading into moderate propylitic altered granodiorite.
													EOH

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Date: August 22nd, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
5.18	7.70	2.52	1.57	62.3	N813335	112-1				
7.70	8.83	1.13	1.13	100	N813336	112-1				
8.83	11.72	2.89	2.89	100	N813337	112-1				
					N813338	112-1				COARSE REJECT DUPLICATE
11.72	13.77	2.05	1.43	69.8	N813339	112-1				
13.77	16.65	2.88	2.72	94.4	N813340	112-1				
16.65	18.52	1.87	1.70	90.9	N813341	112-1				
18.52	19.82	1.30	1.08	83.1	N813342	112-1				
19.82	20.82	1.00	0.93	93	N813343	112-1				
20.82	21.82	1.00	1.00	100	N813344	112-1				
21.82	24.82	3.00	2.88	96	N813345	112-1				No sample N813346
24.82	26.78	1.96	1.84	93.9	N813347	112-1				
26.78	28.27	1.49	1.40	94	N813348	112-1				
					N813349	112-1				1/4 DUPLICATE
28.27	29.40	1.13	1.00	88.5	N813350	112-1				
29.40	30.96	1.56	1.42	91	N813351	112-1				
30.96	32.66	1.70	1.60	94.1	N813352	112-1				
32.66	35.66	3.00	2.86	95.3	N813353	112-1				
					N813354	112-1				STD-KL-1
35.66	38.28	2.62	2.62	100	N813355	112-1				
38.28	39.28	1.00	1.00	100	N813356	112-1				
39.28	41.05	1.77	1.75	98.9	N813357	112-1				
					N813358	112-1				BLANK
41.05	42.05	1.00	1.00	100	N813359	112-1				
42.05	43.05	1.00	1.00	100	N813360	112-1				
43.05	44.43	1.38	1.34	97.1	N813361	112-1				
44.43	46.41	1.98	1.98	100	N813362	112-1				
46.41	48.12	1.71	1.71	100	N813363	112-1				
48.12	50.33	2.21	2.02	91.4	N813364	112-1				
50.33	51.69	1.36	1.35	99.3	N813365	112-1				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
51.69	52.92	1.23	1.18	95.9	N813366	112-1				
					N813367	112-1				STD-KL-3
52.92	54.42	1.50	1.49	99.3	N813368	112-1				
54.42	57.42	3.00	2.85	95	N813369	112-1				
57.42	58.77	1.35	1.27	94.1	N813370	112-1				
					N813371	112-1				BLANK
58.77	60.05	1.28	1.25	97.7	N813372	112-2				
60.05	63.09	3.04	2.96	97.4	N813373	112-2				
					N813374	112-2				COARSE REJECT
63.09	66.14	3.05	3.05	100	N813375	112-2				
66.14	69.19	3.05	3.05	100	N813376	112-2				
69.19	72.24	3.05	2.98	97.7	N813377	112-2				
					N813378	112-2				STD-KL-3
72.24	75.29	3.05	3.05	100	N813379	112-2				
75.29	78.33	3.04	3.05	100	N813380	112-2				
78.33	80.94	2.61	2.51	96.2	N813381	112-2				
					N813382	112-2				1/4 DUPLICATE
80.94	81.94	1.00	1.00	100	N813383	112-2				
					N813384	112-2				BLANK
81.94	83.36	1.42	1.41	99.3	N813385	112-2				
83.36	84.67	1.31	1.31	100	N813386	112-2				
84.67	87.48	2.81	2.82	100	N813387	112-2				
87.48	90.53	3.05	3.01	98.7	N813388	112-2				
90.53	93.02	2.49	2.49	100	N813389	112-2				
					N813390	112-2				STD-KL-1
93.02	94.26	1.24	1.21	97.6	N813391	112-2				
94.26	95.31	1.05	1.04	99	N813392	112-2				
95.31	96.48	1.17	1.15	98.3	N813393	112-2				
96.48	97.48	1.00	1.00	100	N813394	112-2				
97.48	98.81	1.33	1.17	88	N813395	112-2				
98.81	100.42	1.61	1.61	100	N813396	112-2				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N813397	112-2				BLANK
100.42	101.42	1.00	1.00	100	N813398	112-2				
101.42	102.72	1.30	1.30	100	N813399	112-2				
102.72	105.77	3.05	3.05	100	N813400	112-2				
105.77	108.51	2.74	2.65	96.7	M354001	112-2				Switched tag books.
108.51	109.63	1.12	1.12	100	M354002	112-2				
109.63	111.86	2.23	2.23	100	M354003	112-2				
111.86	114.42	2.56	2.54	99.2	M354004	112-2				
114.42	115.42	1.00	1.00	100	M354005	112-2				
115.42	116.43	1.01	1.00	99	M354006	112-2				
116.43	117.43	1.00	1.00	100	M354007	112-2				
117.43	118.66	1.23	1.23	100	M354008	112-3				
					M354009	112-3				STD-KL-1
118.66	120.07	1.41	1.37	97.2	M354010	112-3				
120.07	121.07	1.00	1.00	100	M354011	112-3				
121.07	122.07	1.00	1.00	100	M354012	112-3				
					M354013	112-3				BLANK
122.07	123.07	1.00	1.00	100	M354014	112-3				
123.07	125.55	2.48	2.45	98.8	M354015	112-3				
					M354016	112-3				STD-KL-2
125.55	126.68	1.13	1.11	98.2	M354017	112-3				
126.68	127.68	1.00	1.00	100	M354018	112-3				
127.68	128.70	1.02	0.75	73.5	M354019	112-3				poor recovery
					M354020	112-3				BLANK
128.70	129.90	1.20	1.25	1.2	M354021	112-3				
129.90	132.90	3.00	2.95	98.3	M354022	112-3				
132.90	134.48	1.58	1.54	97.5	M354023	112-3				
134.48	136.92	2.44	2.44	100	M354024	112-3				
136.92	138.28	1.36	1.30	95.6	M354025	112-3				
138.28	139.39	1.11	1.11	100	M354026	112-3				
139.39	140.40	1.01	1.01	100	M354027	112-3				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
140.40	142.26	1.86	1.82	97.8	M354028	112-3				
142.26	143.36	1.10	1.10	100	M354029	112-3				
143.36	144.36	1.00	1.00	100	M354030	112-3				
144.36	145.48	1.12	1.11	99.1	M354031	112-3				
145.48	147.75	2.27	2.21	97.4	M354032	112-3				
147.75	150.10	2.35	2.35	100	M354033	112-3				
150.10	152.33	2.23	2.23	100	M354034	112-3				
152.33	153.45	1.12	1.11	99.1	M354035	112-3				
153.45	154.45	1.00	1.00	100	M354036	112-3				
154.45	155.55	1.10	1.10	100	M354037	112-3				
155.55	157.58	2.03	1.98	97.5	M354038	112-3				
					M354039	112-3				1/4 DUPLICATE
157.58	160.63	3.05	3.05	100	M354040	112-3				
					M354041	112-3				COARSE REJECT DUPLICATE
160.63	163.68	3.05	3.03	99.3	M354042	112-3				
163.68	166.73	3.05	2.89	94.8	M354043	112-3				
166.73	169.78	3.05	3.05	100	M354044	112-4				
169.78	172.82	3.04	3.05	100	M354045	112-4				
172.82	175.87	3.05	3.04	99.7	M354046	112-4				
175.87	178.92	3.05	3.05	100	M354047	112-4				
178.92	181.97	3.05	2.92	95.7	M354048	112-4				
181.97	183.40	1.43	1.43	100	M354049	112-4				
183.40	185.54	2.14	1.99	93	M354050	112-4				
185.54	186.56	1.02	1.02	100	M354051	112-4				
186.56	188.06	1.50	1.50	100	M354052	112-4				
					M354053	112-4				1/4 DUPLICATE
188.06	191.11	3.05	3.00	98.4	M354054	112-4				
					M353157	112-4				COARSE REJECT DUPLICATE. Note that Sample number is out of sequence.
191.11	193.72	2.61	2.60	99.6	M354055	112-4				
193.72	195.23	1.51	1.51	100	M354056	112-4				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
195.23	198.23	3.00	2.90	96.7	M354057	112-4				
					M354058	112-4				STD-KL-3
198.23	201.17	2.94	2.94	100	M354059	112-4				
201.17	202.20	1.03	1.02	99	M354060	112-4				
					M354061	112-4				BLANK
202.20	203.30	1.10	0.78	70.9	M354062	112-4				Rubbly
203.30	204.30	1.00	0.97	97	M354063	112-4				
204.30	205.71	1.41	1.30	92.2	M354064	112-4				
205.71	206.87	1.16	1.11	95.7	M354065	112-4				
206.87	207.88	1.01	1.01	100	M354066	112-4				
207.88	208.88	1.00	1.00	100	M354067	112-4				
208.88	210.15	1.27	1.27	100	M354068	112-4				
210.15	211.15	1.00	1.00	100	M354069	112-4				
211.15	212.85	1.70	1.70	100	M354070	112-4				
212.85	214.12	1.27	0.85	66.9	M354071	112-4				Rubbly/crumbly
					M354072	112-4				STD-KL-3
214.12	217.12	3.00	2.91	97	M354073	112-4				
217.12	218.68	1.56	1.56	100	M354074	112-4				
218.68	219.68	1.00	0.70	70	M354075	112-4				
					M354076	112-4				BLANK
219.68	220.80	1.12	1.12	100	M354077	112-4				
220.80	222.83	2.03	1.96	96.6	M354078	112-4				
222.83	224.18	1.35	1.33	98.5	M354079	112-5				
224.18	227.08	2.90	2.90	100	M354080	112-5				
227.08	229.00	1.92	1.91	99.5	M354081	112-5				
					M354082	112-5				1/4 DUPLICATE
229.00	231.18	2.18	2.15	98.6	M354083	112-5				
231.18	232.18	1.00	1.00	100	M354084	112-5				Moved sample tag after photo had been taken (moved forward to make sample 1.00m)
232.18	233.78	1.60	1.60	100	M354085	112-5				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M354086	112-5				STD-KL-1
233.78	236.83	3.05	2.82	92.5	M354087	112-5				
236.83	239.88	3.05	3.01	98.7	M354088	112-5				
239.88	242.35	2.47	2.26	91.5	M354089	112-5				
242.35	244.25	1.90	1.90	100	M354090	112-5				
244.25	245.25	1.00	1.00	100	M354091	112-5				
245.25	246.25	1.00	1.00	100	M354092	112-5				
246.25	248.02	1.77	1.77	100	M354093	112-5				
248.02	249.02	1.00	1.00	100	M354094	112-5				
249.02	252.07	3.05	3.05	100	M354095	112-5				
252.07	255.12	3.05	2.95	96.7	M354096	112-5				
					M354097	112-5				STD-KL-1
255.12	258.17	3.05	3.05	100	M354098	112-5				
258.17	259.68	1.51	1.51	100	M354099	112-5				
259.68	260.68	1.00	1.00	100	M354100	112-5				
260.68	261.68	1.00	1.00	100	M354101	112-5				
261.68	262.34	0.66	0.66	100	M354102	112-5				Short sample approved by Matt Turner
262.34	263.11	0.77	0.73	94.8	M354103	112-5				Short sample approved by Matt Turner
					M354116	112-5				BLANK. M344104 blew away in wind. Replaced with M344116
263.11	266.09	2.98	2.90	97.3	M354105	112-5				
266.09	267.09	1.00	1.00	100	M354106	112-5				
					M354107	112-5				BLANK
267.09	268.09	1.00	1.00	100	M354108	112-5				
268.09	270.36	2.27	2.25	99.1	M354109	112-5				
					M354110	112-5				COARSE REJECT DUPLICATE
270.36	273.00	2.64	2.64	100	M354111	112-5				
273.00	274.38	1.38	1.38	100	M354112	112-5				
274.38	275.38	1.00	1.00	100	M354113	112-5				
275.38	276.70	1.32	1.32	100	M354114	112-5				
276.70	278.19	1.49	1.45	97.3	M354115	112-6				M354116 was inserted in batch 5.

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
278.19	280.19	2.00	1.99	99.5	M354117	112-6				
					M354118	112-6				STD-KL-2
280.19	283.19	3.00	2.99	99.7	M354119	112-6				
283.19	285.62	2.43	2.43	100	M354120	112-6				
285.62	286.62	1.00	0.96	96	M354121	112-6				Rubbly
286.62	287.74	1.12	1.11	99.1	M354122	112-6				
					M354123	112-6				BLANK
287.74	289.33	1.59	1.59	100	M354124	112-6				
289.33	291.10	1.77	1.57	88.7	M354125	112-6				
291.10	292.55	1.45	1.45	100	M354126	112-6				
292.55	293.55	1.00	1.00	100	M354127	112-6				
293.55	295.50	1.95	1.55	79.5	M354128	112-6				
					M354129	112-6				STD-KL-1
295.50	296.75	1.25	1.25	100	M354130	112-6				
296.75	298.15	1.40	1.40	100	M354131	112-6				
298.15	299.30	1.15	1.15	100	M354132	112-6				
299.30	300.45	1.15	1.11	96.5	M354133	112-6				
300.45	301.45	1.00	1.00	100	M354134	112-6				
301.45	302.49	1.04	1.01	97.1	M354135	112-6				
302.49	304.28	1.79	1.74	97.2	M354136	112-6				
304.28	305.40	1.12	1.12	100	M354137	112-6				
305.40	306.50	1.10	1.10	100	M354138	112-6				
306.50	307.50	1.00	1.00	100	M354139	112-6				
					M354140	112-6				BLANK
307.50	308.85	1.35	1.35	100	M354141	112-6				
308.85	309.85	1.00	1.00	100	M354142	112-6				
309.85	310.85	1.00	1.00	100	M354143	112-6				
310.85	312.19	1.34	1.34	100	M354144	112-6				
312.19	313.48	1.29	1.22	94.6	M354145	112-6				
313.48	316.32	2.84	2.64	93	M354146	112-6				
					M354147	112-6				COARSE REJECT DUPLICATE

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
316.32	317.80	1.48	1.45	98	M354148	112-6				
317.80	319.13	1.33	1.33	100	M354149	112-6				
					M354150	112-6				1/4 DUPLICATE
319.13	320.64	1.51	1.43	94.7	M354151	112-6				
320.64	321.85	1.21	1.20	99.2	M354152	112-7				
321.85	323.19	1.34	1.08	80.6	M354153	112-7				
323.19	324.19	1.00	1.00	100	M354154	112-7				
					M354155	112-7				BLANK
324.19	325.23	1.04	0.87	83.7	M354156	112-7				
										EOH

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	0.30	6	0.00	0		1	0s	5w	
5.18	8.23	3.05	2.71	89	0.00	0		1	0s	5w	
8.23	10.67	2.44	2.70	111	0.87	36		1	0s	5w	
10.67	11.28	0.61	0.42	69	0.00	0		1	0s	5w	
11.28	14.33	3.05	2.70	89	0.40	13		1	0s	5w	
14.33	17.38	3.05	2.93	96	1.20	39		1	0s	5w	
17.38	20.42	3.04	2.60	86	0.53	17		1	1s	5w	
20.42	23.47	3.05	2.84	93	0.52	17		1	0s	4w	
23.47	26.52	3.05	2.88	94	0.80	26		1	0s	4w	
26.52	29.57	3.05	2.74	90	0.62	20		1	0s	4w	
29.57	32.61	3.04	2.83	93	0.66	22		1	0s	5w	
32.61	35.66	3.05	2.81	92	1.92	63		1	3s	5w	
35.66	38.71	3.05	2.98	98	1.66	54		2	3s	3w	
38.71	41.76	3.05	2.92	96	1.25	41		1	0s	4w	
41.76	44.81	3.05	2.93	96	1.71	56		2	2s	3w	
44.81	47.85	3.04	2.89	95	1.48	49		1	2s	4w	
47.85	50.90	3.05	2.92	96	1.55	51		1	3s	4w	
50.90	53.95	3.05	2.90	95	1.54	50		1	0s	5w	
53.95	57.00	3.05	2.80	92	0.30	10		1	1s	5w	
57.00	60.05	3.05	3.00	98	0.30	10		1	0s	5w	
60.05	63.09	3.04	2.91	96	0.59	19		1	1s	3w	
63.09	66.14	3.05	2.92	96	1.06	35		2	3s	1w	
66.14	69.19	3.05	2.96	97	1.12	37		2	3S	3W	
69.19	72.24	3.05	2.95	97	1.00	33		2	3S	1W	
72.24	75.29	3.05	3.00	98	2.54	83		2	4S	1W	
75.29	78.33	3.04	3.05	100	2.18	72		2	3S	1W	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.85	93	1.75	57		2	3S	1W	
81.38	83.21	1.83	1.77	97	1.37	75		2	3S	1W	
83.21	84.43	1.22	1.18	97	0.75	61		2	3S	1W	
84.43	87.48	3.05	2.98	98	1.27	42		2	3S	1W	
87.48	90.52	3.04	2.94	97	1.70	56		2	3S	1W	
90.52	93.57	3.05	2.95	97	1.05	34		2	3S	3W	
93.57	96.62	3.05	2.93	96	1.42	47		1	1S	4W	
96.62	99.67	3.05	2.89	95	1.65	54		2	3S	2W	
99.67	102.72	3.05	3.00	98	2.39	78		2	1S	1W	
102.72	105.77	3.05	3.05	100	2.45	80		2	3S	1W	
105.77	108.81	3.04	2.87	94	1.90	62		2	0S	1W	
108.81	111.86	3.05	2.97	97	2.00	66		2	3S	1W	
111.86	114.91	3.05	2.95	97	1.47	48		2	3S	1W	
114.91	117.96	3.05	2.93	96	1.81	59		2	4S	1W	
117.96	121.01	3.05	2.94	96	2.17	71		2	4S	1W	
121.01	124.85	3.84	3.05	79	1.71	45		2	4S	1W	
124.85	127.10	2.25	2.93	130	1.79	80		2	4S	1W	
127.10	128.78	1.68	1.44	86	0.50	30		2	1S	3W	
128.78	130.15	1.37	1.40	102	0.84	61		2	3S	3W	
130.15	133.20	3.05	2.90	95	2.10	69		2	1S	1W	
133.20	136.25	3.05	2.95	97	2.85	93		2	1S	1W	
136.25	139.29	3.04	3.01	99	2.51	83		2	1S	1W	
139.29	142.34	3.05	2.91	95	1.98	65		2	4S	2W	
142.34	145.39	3.05	2.89	95	1.94	64		2	5S	1W	
145.39	148.44	3.05	2.96	97	1.54	50		2	1S	1W	
148.44	151.49	3.05	2.86	94	1.34	44		2	2S	1W	
151.49	154.53	3.04	2.93	96	1.34	44		2	0S	1W	
154.53	157.58	3.05	2.94	96	1.24	41		2	3S	1W	
157.58	160.63	3.05	3.03	99	2.31	76		2	4S	1W	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	3.04	100	2.75	90		2	4S	1W	
163.68	166.73	3.05	2.80	92	2.18	71		2	4S	2W	
166.73	169.77	3.04	3.05	100	1.88	62		2	5S	2W	
169.77	172.82	3.05	3.06	100	2.70	89		2	4S	1W	
172.82	175.81	2.99	3.02	101	2.40	80		2	4S	1W	
175.81	178.92	3.11	3.05	98	2.23	72		2	5S	1W	
178.92	181.97	3.05	2.91	95	2.64	87		2	3S	1W	
181.97	185.01	3.04	2.95	97	2.26	74		2	5S	1W	
185.01	188.06	3.05	2.94	96	2.40	79		2	3S	1W	
188.06	191.11	3.05		0		0			3S		
191.11	194.16	3.05	2.95	97	1.77	58		2	3S	1W	
194.16	197.21	3.05	2.86	94	1.38	45		2	3S	1W	
197.21	200.25	3.04	3.00	99	1.00	33		2	1S	2W	
200.25	203.30	3.05	2.79	91	1.35	44		2	0S	1W	
203.30	206.35	3.05	2.85	93	0.37	12		2	0S	4W	
206.35	209.40	3.05	3.02	99	1.21	40		2	0S	3W	
209.40	212.45	3.05	2.95	97	1.33	44		2	0S	2W	
212.45	214.27	1.82	1.35	74	0.17	9		1	0S	5W	
214.27	215.49	1.22	1.10	90	0.69	57		2	3S	1W	
215.49	218.54	3.05	2.88	94	1.66	54		2	3S	1W	
218.54	220.37	1.83	1.65	90	0.14	8		1	1S	5W	
220.37	221.59	1.22	1.25	102	0.39	32		2	1S	4W	
221.59	223.42	1.83	1.71	93	0.85	46		2	1S	2W	
223.42	224.64	1.22	1.20	98	0.61	50		2	3S	1W	
224.64	227.08	2.44	2.30	94	1.78	73		2	3S	1W	
227.08	227.69	0.61	0.42	69	0.18	30		2	3S	1W	
227.69	230.33	2.64	2.95	112	2.03	77		2	3S	1W	
230.33	233.78	3.45	3.05	88	2.27	66		2	1S	1W	
233.78	236.83	3.05	2.70	89	2.04	67		2	3S	2W	
236.83	239.88	3.05	2.96	97	1.83	60		2	3S	2W	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
239.88	242.62	2.74	2.34	85	1.87	68		2	3S	1W	
242.62	242.96	0.34	0.38	112	0.00	0		2	1S	1W	
242.96	245.97	3.01	2.85	95	2.19	73		2	3S	1W	
245.97	249.02	3.05	2.90	95	2.20	72		2	3S	1W	
249.02	252.07	3.05	2.95	97	2.12	70		2	3S	1W	
252.07	255.12	3.05	2.88	94	2.34	77		2	3S	1W	
255.12	258.17	3.05	2.95	97	0.85	28		1	1S	3W	
258.17	261.21	3.04	2.90	95	1.25	41		2	3S	1W	
261.21	264.26	3.05	2.74	90	1.34	44		2	1S	1W	
264.26	267.31	3.05	2.91	95	0.99	32		2	0S	1W	
267.31	270.36	3.05	2.89	95	2.48	81		2	3S	1W	
270.36	273.41	3.05	2.88	94	1.92	63		2		1W	
273.41	276.45	3.04	2.94	97	2.22	73		2		1W	
276.45	279.50	3.05	2.86	94	0.95	31		2	3S	1W	
279.50	282.55	3.05	2.95	97	2.10	69		2	3S	1W	
282.55	285.60	3.05	3.00	98	1.57	51		2	3S	1W	
285.60	288.65	3.05	2.95	97	1.75	57		2	3S	3W	
288.65	291.69	3.04	2.93	96	1.57	52		2	3S	2W	
291.69	293.22	1.53	1.64	107	0.75	49		2	3S	3W	
293.22	294.74	1.52	1.14	75	0.12	8		1	3S	2W	
294.74	297.79	3.05	2.98	98	1.90	62		1	1S	2W	
297.79	300.84	3.05	3.05	100	2.05	67		2	3S	1W	
300.84	303.89	3.05	3.00	98	2.86	94		2	1S	2W	
303.89	306.93	3.04	3.05	100	2.50	82		2	2S	1W	
306.93	309.98	3.05	3.02	99	1.65	54		1	2S	1W	
309.98	312.42	2.44	2.50	102	1.05	43		1	0S	3W	
312.42	313.03	0.61	0.57	93	0.57	93		2	3S	1W	
313.03	315.47	2.44	2.20	90	1.83	75		2	3S	1W	
315.47	316.08	0.61	0.54	89	0.54	89		2	3S	1W	
316.08	318.21	2.13	2.24	105	1.31	62		1	0S	3W	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
318.21	319.13	0.92	0.64	70	0.30	33		2	0S	4W	
319.13	319.89	0.76	0.68	89	0.54	71		2	3S	1W	
319.89	321.56	1.67	1.66	99	0.86	51		1	1S	2W	
321.56	323.70	2.14	1.94	91	0.69	32		2	1S	2W	
323.70	325.22	1.52	1.64	108	0.27	18		2	0S	4W	
325.22	325.83	0.61	0.75	123	0.59	97		2	3S	1W	
325.83	328.27	2.44	2.35	96	1.65	68		2		1W	
											EOH at 328.27 meters

KLAZA PROPERTY

Hole: KL-DDH-12-112 **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18							
5.18	8.23	3.05							
8.23	10.67	2.44	65.00	0.63	0.00	1.00	2R	5W	
10.67	11.28	0.61							
11.28	14.33	3.05							
14.33	17.38	3.05							
17.38	20.42	3.04	60.00	0.15	1.00	1.00	2R	4W	
20.42	23.47	3.05	68.00	0.20	2.00	1.00	2R	4W	
23.47	26.52	3.05	80.00	0.09	1.00	1.00	2R	3W	
26.52	29.57	3.05	70.00	0.10	0.00	1.00	2R	3W	
29.57	32.61	3.04							
32.61	35.66	3.05							
35.66	38.71	3.05	60.00	0.37	0.00	1.00	2R	3W	
38.71	41.76	3.05	70.00	1.27	0.00	1.00	2R	2W	
41.76	44.81	3.05							
44.81	47.85	3.04	50.00	1.36	0.00	1.00	2R	3W	
47.85	50.90	3.05	60.00	1.40	0.00	1.00	2R	3W	
50.90	53.95	3.05	60.00	0.24	1.00	1.00	2R	3W	
53.95	57.00	3.05	40.00	0.43	0.00	1.00	2R	3W	
57.00	60.05	3.05	38.00	0.00	0.00	1.00	2R	2W	
60.05	63.09	3.04	40.00	0.30	0.00	1.00	2R	2W	
63.09	66.14	3.05	40.00	0.17	0.00	1.00	2R	1W	
66.14	69.19	3.05							
69.19	72.24	3.05	75.00	0.03	0.00	1.00	2R	1W	
72.24	75.29	3.05							
75.29	78.33	3.04	70.00	0.31	0.00	1.00	2R	1W	
78.33	81.38	3.05	50.00	0.05	0.00	1.00	2R	1W	
81.38	83.21	1.83							

KLAZA PROPERTY

83.21	84.43	1.22							
84.43	87.48	3.05							
87.48	90.52	3.04	50.00	0.59	0.00	1.00	2R	1W	
90.52	93.57	3.05							
93.57	96.62	3.05	70.00	0.17	0.00	1.00	2R	1W	
96.62	99.67	3.05	45.00	0.12	0.00	1.00	2R	1W	
99.67	102.72	3.05							
102.72	105.77	3.05							
105.77	108.81	3.04	40.00	0.96	0.00	1.00	2R	1W	
108.81	111.86	3.05	60.00	0.21	0.00	1.00	2R	1W	
111.86	114.91	3.05	68.00	0.14	0.00	1.00	2R	1W	
114.91	117.96	3.05	50.00	0.93	0.00	1.00	2R	1W	
117.96	121.01	3.05	70.00	0.05	0.00	1.00	2R	1W	
121.01	124.85	3.84	60.00	0.50	0.00	1.00	2R	1W	
124.85	127.10	2.25	45.00	0.48	0.00	1.00	2R	1W	
127.10	128.78	1.68							
128.78	130.15	1.37							
130.15	133.20	3.05	70.00	0.51	0.00	1.00	2R	1W	
133.20	136.25	3.05	75.00	0.35	0.00	1.00	2R	1W	
136.25	139.29	3.04	70.00	1.06	0.00	1.00	2R	1W	
139.29	142.34	3.05	60.00	0.08	0.00	1.00	3R	2W	
142.34	145.39	3.05	70.00	0.11	0.00	2.00	2R	1W	
145.39	148.44	3.05	50.00	0.15	0.00	1.00	2R	2W	
148.44	151.49	3.05	45.00	0.52	0.00	1.00	2R	1W	
151.49	154.53	3.04	40.00	0.28	0.00	1.00	2R	1W	
			50.00	0.43	0.00	1.00	2R	1W	
154.53	157.58	3.05	60.00	0.14	0.00	1.00	2R	1W	
157.58	160.63	3.05	40.00	1.62	0.00	1.00	2R	1W	
160.63	163.68	3.05	60.00	0.10	0.00	1.00	2R	1W	
163.68	166.73	3.05							
166.73	169.77	3.04	50.00	1.27	0.00	1.00	2R	1W	
169.77	172.82	3.05	60.00	0.24	0.00	1.00	2R	1W	
172.82	175.81	2.99	50.00	0.12	0.00	1.00	2R	1W	
175.81	178.92	3.11	70.00	0.27	0.00	1.00	2R	1W	
178.92	181.97	3.05							
181.97	185.01	3.04	50.00	0.26	0.00	1.00	2R	1W	
185.01	188.06	3.05	55.00	0.09	0.00	1.00	2R	1W	
188.06	191.11	3.05							

KLAZA PROPERTY

191.11	194.16	3.05	60.00	0.14	0.00	1.00	2R	1W	
194.16	197.21	3.05	65.00	1.00	0.00	1.00	2R	1W	
197.21	200.25	3.04							
200.25	203.30	3.05							
203.30	206.35	3.05	60.00	0.16	0.00	1.00	2R	2W	
206.35	209.40	3.05	50.00	0.24	0.00	1.00	2R	4W	
209.40	212.45	3.05	50.00	0.23	0.00	1.00	2R	1W	
212.45	214.27	1.82							
214.27	215.49	1.22							
215.49	218.54	3.05	65.00	0.29	0.00	1.00	2R	1W	
218.54	220.37	1.83	70.00	0.07	0.00	1.00	2R	1W	
220.37	221.59	1.22	75.00	0.09	0.00	1.00	2R	1W	
221.59	223.42	1.83	65.00	0.33	0.00	1.00	2R	1W	
223.42	224.64	1.22	70.00	0.17	0.00	1.00	2R	1W	
224.64	227.08	2.44							
227.08	227.69	0.61							
227.69	230.33	2.64	60.00	0.10	0.00	1.00	2R	1W	
230.33	233.78	3.45							
233.78	236.83	3.05	30.00	0.40	0.00	1.00	2R	3W	
236.83	239.88	3.05	40.00	0.94	0.00	1.00	2R	1W	
239.88	242.62	2.74	70.00	0.42	0.00	1.00	2R	1W	
242.62	242.96	0.34	75.00	0.08	0.00	1.00	2R	2W	
242.96	245.97	3.01	15.00	0.11	0.00	1.00	2R	2W	
245.97	249.02	3.05	75.00	0.13	0.00	1.00	2R	1W	
249.02	252.07	3.05	55.00	0.25	0.00	1.00	2R	1W	
252.07	255.12	3.05							
255.12	258.17	3.05							
258.17	261.21	3.04							
261.21	264.26	3.05	70.00	0.19	1.00	1.00	2R	1W	
264.26	267.31	3.05	50.00	0.70	9.00	1.00	2R	1W	
267.31	270.36	3.05	70.00	0.25	0.00	1.00	2R	1W	
270.36	273.41	3.05	65.00	0.42	0.00	1.00	2R	1W	
273.41	276.45	3.04							
276.45	279.50	3.05	60.00	0.35	25.00	1.00	2R	1W	
279.50	282.55	3.05	40-60	0.35	0.00	1.00	2R	1W	
282.55	285.60	3.05	50.00	1.00	0.00	1.00	2R	1W	
285.60	288.65	3.05	50.00	0.00	15.00	2.00	2R	3W	
288.65	291.69	3.04	40-80	0.55	0.00	2.00	2R	2W	

KLAZA PROPERTY

291.69	293.22	1.53	60-80	0.22	0.00	2.00	2R	3W	
293.22	294.74	1.52	60.00	0.00	0.00	1.00	2R	2W	
294.74	297.79	3.05	60-80	0.60	0.00	2.00	2R	1W	
297.79	300.84	3.05	60.00	1.26	11.00	1.00	2R	1W	
300.84	303.89	3.05	60.00	1.63	7.00	2.00	2R	2W	
303.89	306.93	3.04	70.00	1.46	0.00	3.00	2R	1W	
306.93	309.98	3.05	80.00	0.60	0.00	3.00	2R	1W	
309.98	312.42	2.44	55.00	0.20	5.00	2.00	2R	3W	
312.42	313.03	0.61	75.00	0.00	0.00	2.00	2R	1W	
313.03	315.47	2.44	20-80	0.35	0.00	1.00	2R	1W	
315.47	316.08	0.61	75.00	0.44	43.00	2.00	2R	1W	
316.08	318.21	2.13	30.00	1.37	15.00	2.00	2R	3W	
318.21	319.13	0.92	40.00	0.00	24.00	2.00	2R	4W	
319.13	319.89	0.76	65.00	0.00	0.00	2.00	2R	1W	
319.89	321.56	1.67	55.00	0.92	25.00	2.00	2R	3W	
321.56	323.70	2.14	55.00	0.75	37.00	2.00	2R	2W	
323.70	325.22	1.52	70.00	0.11	67.00	2.00	2R	4W	
325.22	325.83	0.61	60.00	0.40	0.00	1.00	2R	1W	
325.83	328.27	2.44	60.00	1.05	0.00	1.00	2R	1W	
									EOH at 328.27 meters

KLAZA PROPERTY

Hole: KL-DDH-12-112 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		
3.00		
4.00		
5.00	0.82	
6.00	1.92	
7.00	1.66	
8.00	2.45	
9.00	1.31	
10.00	2.06	
11.00	2.89	
12.00	3.01	
13.00	2.98	
14.00	3.36	
15.00	2.94	
16.00	3.67	
17.00	2.63	
18.00	2.15	
19.00	1.95	
20.00	3.89	
21.00	1.22	
22.00	2.37	
23.00	2.61	
24.00	3.56	
25.00	13.70	
26.00	3.38	
27.00	4.55	
28.00	0.36	
29.00	3.22	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.24	
31.00	2.81	
32.00	2.19	
33.00	3.03	
34.00	3.67	
35.00	4.75	
36.00	2.72	
37.00	2.98	
38.00	2.96	
39.00	2.17	
40.00	2.03	
41.00	2.10	
42.00	2.90	
43.00	2.26	
44.00	3.18	
45.00	2.06	
46.00	1.99	
47.00	1.59	
48.00	2.90	
49.00	2.70	
50.00	4.44	
51.00	8.54	
52.00	13.90	
53.00	9.36	
54.00	9.16	
55.00	8.76	
56.00	9.25	
57.00	8.34	
58.00	11.40	
59.00	20.40	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	12.80	
61.00	25.10	
62.00	22.30	
63.00	20.90	
64.00	27.90	
65.00	31.60	
66.00	24.10	
67.00	29.90	
68.00	23.20	
69.00	33.70	
70.00	15.40	
71.00	22.00	
72.00	21.30	
73.00	26.20	
74.00	11.70	
75.00	15.80	
76.00	16.60	
77.00	19.40	
78.00	17.30	
79.00	23.70	
80.00	23.40	
81.00	6.07	
82.00	27.10	
83.00	5.72	
84.00	27.90	
85.00	23.50	
86.00	5.94	
87.00	28.10	
88.00	6.07	
89.00	23.10	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	22.60	
91.00	21.20	
92.00	14.80	
93.00	5.89	
94.00	16.90	
95.00	22.40	
96.00	24.50	
97.00	10.40	
98.00	14.00	
99.00	2.48	
100.00	4.73	
101.00	23.50	
102.00	26.40	
103.00	21.20	
104.00	23.70	
105.00	20.90	
106.00	14.50	
107.00	21.80	
108.00	14.30	
109.00	9.80	
110.00	7.64	
111.00	19.40	
112.00	27.00	
113.00	24.20	
114.00	26.20	
115.00	6.38	
116.00	25.30	
117.00	42.50	
118.00	15.60	
119.00	3.87	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	21.10	
121.00	6.82	
122.00	6.89	
123.00	6.73	
124.00	17.40	
125.00	24.60	
126.00	22.60	
127.00	9.66	
128.00	3.33	
129.00	3.91	
130.00	2.78	
131.00	21.20	
132.00	21.60	
133.00	1.90	
134.00	5.58	
135.00	3.87	
136.00	0.29	
137.00	14.00	
138.00	0.45	
139.00	0.31	
140.00	0.40	
141.00	0.36	
142.00	2.98	
143.00	0.42	
144.00	0.20	
145.00	1.17	
146.00	0.89	
147.00	42.23	
148.00	21.40	
149.00	20.30	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	13.90	
151.00	14.30	
152.00	14.50	
153.00	18.10	
154.00	1.25	
155.00	0.95	
156.00	17.00	
157.00	17.10	
158.00	3.93	
159.00	20.10	
160.00	17.40	
161.00	22.30	
162.00	21.20	
163.00	16.20	
164.00	3.87	
165.00	15.10	
166.00	17.10	
167.00	19.50	
168.00	11.00	
169.00	15.70	
170.00	10.90	
171.00	17.50	
172.00	16.20	
173.00	14.00	
174.00	12.10	
175.00	15.20	
176.00	15.70	
177.00	15.30	
178.00	14.20	
179.00	7.88	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	17.50	
181.00	15.40	
182.00	17.80	
183.00	12.60	
184.00	9.46	
185.00	11.90	
186.00	12.40	
187.00	11.00	
188.00	12.70	
189.00	13.40	
190.00	7.64	
191.00	19.40	
192.00	18.20	
193.00	14.50	
194.00	14.70	
195.00	13.80	
196.00	16.70	
197.00	19.40	
198.00	21.00	
199.00	21.10	
200.00	19.80	
201.00	5.19	
202.00	4.13	
203.00	5.06	
204.00	3.04	
205.00	11.20	
206.00	17.80	
207.00	6.33	
208.00	3.11	
209.00	4.28	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	10.40	
211.00	9.47	
212.00	11.40	
213.00	9.47	
214.00	2.87	
215.00	18.70	
216.00	10.40	
217.00	18.80	
218.00	14.90	
219.00	3.62	
220.00	12.00	
221.00	16.90	
222.00	10.30	
223.00	1.86	
224.00	2.37	
225.00	6.14	
226.00	15.10	
227.00	11.40	
228.00	19.20	
229.00	20.20	
230.00	19.10	
231.00	3.82	
232.00	18.40	
233.00	13.80	
234.00	16.30	
235.00	18.70	
236.00	15.50	
237.00	19.70	
238.00	7.24	
239.00	18.50	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	18.00	
241.00	8.16	
242.00	4.97	
243.00	9.57	
244.00	3.97	
245.00	4.59	
246.00	4.64	
247.00	18.70	
248.00	23.00	
249.00	18.80	
250.00	18.50	
251.00	14.60	
252.00	23.40	
253.00	20.90	
254.00	21.00	
255.00	14.00	
256.00	24.20	
257.00	17.40	
258.00	12.80	
259.00	16.70	
260.00	5.03	
261.00	6.88	
262.00	4.02	
263.00	3.12	
264.00	4.20	
265.00	2.41	
266.00	3.29	
267.00	4.48	
268.00	15.20	
269.00	13.60	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	10.70	
271.00	21.00	
272.00	22.00	
273.00	20.60	
274.00	23.50	
275.00	22.60	
276.00	19.60	
277.00	10.50	
278.00	2.61	
279.00	0.51	
280.00	10.00	
281.00	15.90	
282.00	12.70	
283.00	13.30	
284.00	14.20	
285.00	16.20	
286.00	2.37	
287.00	0.64	
288.00	0.38	
289.00	0.86	
290.00	1.53	
291.00	2.37	
292.00	4.92	
293.00	0.75	
294.00	0.20	
295.00	0.53	
296.00	0.40	
297.00	0.43	
298.00	0.23	
299.00	0.31	

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	3.51	
301.00	0.42	
302.00	0.54	
303.00	0.12	
304.00	0.21	
305.00	0.40	
306.00	0.21	
307.00	0.07	
308.00	0.07	
309.00	0.09	
310.00	0.31	
311.00	0.36	
312.00	0.60	
313.00	0.42	
314.00	11.40	
315.00	1.50	
316.00	4.44	
317.00	1.57	
318.00	0.67	
319.00	15.50	
320.00	10.40	
321.00	10.90	
322.00	10.40	
323.00	7.00	
324.00	15.30	
325.00	3.49	
326.00	8.10	
327.00	14.20	
328.00	5.91	
		EOH at 328.27 meters

KLAZA PROPERTY

Hole: **KL-DDH-12-112** **Date:**

Box #	From (m)	To (m)
1	0.00	8.10
2	8.10	10.67
3	10.67	16.77
4	16.77	22.91
5	22.91	28.61
6	28.61	34.68
7	34.68	40.42
8	40.42	46.19
9	46.19	52.12
10	52.12	57.75
11	57.75	63.49
12	63.49	69.21
13	69.21	75.00
14	75.00	80.55
15	80.55	86.05
16	86.05	91.82
17	91.82	97.43
18	97.43	103.25
19	103.25	108.78
20	108.78	114.79
21	114.79	120.60
22	120.60	126.18
23	126.18	131.93
24	131.93	137.73
25	137.73	143.51
26	143.51	149.06
27	149.06	154.91
28	154.91	160.42
29	160.42	166.83

KLAZA PROPERTY

30	166.83	172.62
31	172.62	178.60
32	178.60	184.56
33	184.56	190.51
34	190.51	196.33
35	196.33	202.07
36	202.07	207.77
37	207.77	213.74
38	213.74	219.23
39	219.23	224.81
40	224.81	230.29
41	230.29	235.95
42	235.95	241.61
43	241.61	247.61
44	247.61	253.56
45	253.56	259.43
46	259.43	265.40
47	265.40	271.19
48	271.19	277.02
49	277.02	282.55
50	282.55	288.16
51	288.16	293.35
52	293.35	299.05
53	299.05	304.59
54	304.59	310.15
55	310.15	315.95
56	315.95	321.32
57	321.32	326.25
58	326.25	328.27
		EOH at 328.27 m

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Western Klaza			382286.1	6890896.9	1297.317	148.44

SECTION:

HOLE: DDH-KL-12-113

CLAIM: YD09216

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 16-17th, 2012

Geology logged by: Gareth Wolff

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.18	5.18	GRD	Oxidized overburden and unaltered granodiorite.
5.18	21.59	16.41	GRD	Argillic altered granodiorite with patchy oxidation and phyllic alteration around veins and veinlets.
21.59	61.58	39.99	GRD	Lightly silicified granodiorite, with zones of argillic alteration.
61.58	70.57	8.99	GRD	Argillic altered granodiorite with phyllic envelopes around pyrite-hosting quartz veins and veinlets.
70.57	81.27	10.70	GRD	Silicified, potassic altered granodiorite with argillic and phyllic envelopes around quartz veinlets.
81.27	82.58	1.31	FEL	Dark grey quartz feldspar porphyry dyke, with calcite-lined vugs and clay alteration of feldspars.
82.58	86.10	3.52	GRD	Argillic to phyllic alteration envelope around veinlets and veins, with pervasive potassic alteration.
86.10	148.44	62.34	GRD	Lightly silicified and potassic altered granodiorite, cross-cut by quartz veins and veinlets with argillic to phyllic alteration envelopes.
				EOH

SAMPLES

Numbers: M359122 - M359233

Total: 112

Batch: 113-1 to 113-4

Date Sent:

Certificate:

COMMENTS

EOH @148.44 m

KLAZA

Hole: DDH-KL-12-113 **Logger Name:** **Gareth Wolff** **Date: August 19, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	5.18	5.18				mKgW	GRD	MG	MD	GY	RB	4I		ARG	3I						Oxidized overburden, with patches of unaltered granodiorite and strong to intense argillic alteration (possible boulders). Oxidized clay and silt.
5.18	7.80	2.62				mKgW	GRD	MG		WH	FR										
									MD	OR		4I		ARG	4I						Argillic altered granodiorite, with moderate to intense orange oxidation.
7.80	21.59	13.79				mKgW	GRD	MG	MD	BN	PA	3I	2I	ARG	3I	<1					Argillic altered granodiorite with patchy oxidation. Patches of moderately silicified, unaltered granodiorite. Oxidation frequently obscures other alteration. Traces of phyllic alteration around veins and veinlets. Trace disseminatd pyrite, concentrated around veins and veinlets.
									LT	GY				PHC	1I						
			7.80	8.50	0.70	mKgW	GRD	MG	LT	GN	EN	3I		ARG	2I	2.00					Phyllic and argillic envelope encompassing 2.5cm quartz-carbonate vein. Grades from argillic to phyllic towards the vein. Pyrite blebs in vein selvage.
									MD	BN				PHC	2I						
			17.10	18.60	1.50	mKgW	GRD	MG	LT	GN	EN	3I		ARG	3I	1.00					Phyllic and argillic envelope around 2cm quartz-carbonate vein, phyllic alteration closest to the vein. Fine disseminated pyrite in phyllic envelope.
										WH				PHC	2I						
21.59	47.38	25.79				mKgW	GRD	MG	MD	GY	MA	1I	2I			<1					Light to moderately silicified granodiorite, relatively unaltered. Contains zones of moderate to intense argillic alteration and traces of phyllic and potassic alteration.
			24.75	26.52	1.77	mKgW	GRD	MG	MD	OR		4I		ARG	4I						Strong to intensely argillic altered and oxidized granodiorite.
			26.75	26.85	0.10	mKgW	GRD	MG	LT	OR	RB	4I		ARG	5I						Intensely argillic granodiorite, altered to rubble and granules.
			27.53	28.87	1.34	mKgW	GRD	MG	MD	OR	PA	3I		ARG	4I	1.00					Envelope of altered granodiorite encompassing quartz-carbonate veinlet. Argillic alteration grading into patchy propylitic and potassic alteration near veinlet. Patchy oxidation on fracture surfaces. Fine pyrite in selvage on veinlet.
									MD	GN	EN			PRO	3I						
														POT	3I						
			32.05	32.35	0.30	mKgW	GRD	MG	LT	OR		3I		ARG	4I						Moderate to intense argillic altered and oxidized granodiorite.
			33.33	33.85	0.52	mKgW	GRD	MG	MD	OR	RB	3I		ARG	5I						Intensely argillic altered granodiorite, fragmented and oxidized.
			35.94	36.89	0.95	mKgW	GRD	MG		WH	EN	2I		ARG	4I						Strong to intense argillic envelope around quartz-carbonate stringers. Intensity and oxidation decreases away from unaltered granodiorite and towards stringers.
									LT	GY											
			38.45	40.01	1.56	mKgW	GRD	MG		WH	EN	2I		ARG	4I	<1					Alteration envelope around quartz-carbonate veinlet. Intense argillic altered granodiorite at outside edges of envelope, with argillic intensity decreasing towards veinlet. Light phyllic overprint close to veinlet. Trace potassic overprint throughout. Trace fine pyrite near veinlet.
									LT	GN				PHC	2I						
														POT	1I						
			41.00	43.20	2.20	mKgW	GRD	MG		WH	PA	2I		ARG	4I	1.00					Argillic altered granodiorite envelope, intensely altered at outside edges. Oxidation on fractures. Encompasses 3 pyrite-bearing quartz-carbonate narrow veins, with 1-3cm phyllic haloes.
									LT	GN	EN			PHC	2I						
			44.25	45.22	0.97	mKgW	GRD	MG		WH	EN	2I		ARG	4I	<1					Argillic altered granodiorite, most intense at edges of envelope. Envelope encompassing quartz-carbonate veinlet. Phyllic overprint closest to veinlet. Trace fine pyrite. Patches of potassic alteration throughout.
									LT	GN				PHC	2I						
														POT	2I						
47.38	61.58	14.20				mKgW	GRD	MG	MD	GY	PA	1I	2I	PHC	2I	<1					Light to moderately silicified granodiorite, with zones of argillic and phyllic alteration. Patches of potassic alteration. Trace oxidation on fractures.
														POT	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			47.38	48.52	1.14	mKgW	GRD	MG	LT	GN	EN	2I	2I	ARG	3I	<1					Argillic altered granodiorite overprinted by phyllic alteration envelope. Argillic alteration strong at edges. Alteration envelope encompassing several quartz-carbonate veinlets and stringers. Phyllic alteration strongest around veinlets. Silicified throughout.
														PHC	3I						
			49.88	50.33	0.45	mKgW	GRD	MG	LT	GN	EN		3I	PHC	3I	1.00					Phyllic alteration envelope encompassing 7 smoky to milky quartz veinlets hosting pyrite. Potassic alteration throughout. Silicified.
														POT	2I						
			50.70	51.98	1.28	mKgW	GRD	MG	LT	GN	EN	1I	2I	ARG	3I	<1					Argillic and phyllic alteration envelope encompassing smoky quartz vein. Grades from strongly argillic-altered to moderately phyllic towards vein.
														PHC	3I						
			53.75	54.58	0.83	mKgW	GRD	MG		WH	PA		3I	ARG	3I						Silicified argillic envelope with patchy potassic overprint.
									LT	PK	EN			POT	2I						
			57.85	58.55	0.70	mKgW	GRD	MG	LT	GN	EN		3I	ARG	3I						Silicified argillic alteration envelope encompassing 2 quartz-carbonate veinlets. Phyllic and potassic overprints, strongest proximal to veinlets.
									LT	PK				PHC	3I						
														POT	2I						
			59.05	60.88	1.83	mKgW	GRD	MG	LT	GN	EN	1I	2I	ARG	3I	<1					Argillic and phyllic alteration envelope encompassing multiple quartz-carbonate veinlets and small veins. Argillic grades to strongest phyllic alteration proximal to most veinlets. Patchy dark green propylitic alteration around veinlets, with occasional chlorite in veinlets. Pyrite hosted in veinlets.
														PHC	4I						
														PRO	2I						
61.58	70.57	8.99				mKgW	GRD	MG	LT	GY	PO	2I	2I	ARG	3I	1.00					Patchy argillic altered granodiorite with phyllic envelope around milky to smoky quartz veins and veinlets hosting pyrite. Lightly silicified throughout. Strong oxidation on fractures and veins.
									LT	GN				PHC	3I						
			69.98	70.57	0.59	mKgW	GRD	MG	MD	GN	EN		2I	ARG	2I	<1					Alteration envelope encompassing 5 smoky to milky quartz veinlets. Argillic alteration grading to strongly phyllic towards the veinlets.
														PHC	4I						
70.57	81.27	10.70				mKgW	GRD	MG	MD	GY	PA		3I	ARG	2I	<1					Lightly potassic altered and silicified granodiorite, with patchy argillic and phyllic envelope around quartz veinlets.
														PHC	1I						
														POT	2I						
			77.66	78.25	0.59	mKgW	GRD	MG		WH	EN			ARG	4I	<1					Argillic and phyllic alteration envelope around quartz veinlet, grading from strongly argillic to moderately phyllic towards veinlet.
									LT	GN				PHC	3I						
			78.47	81.27	2.80	mKgW	GRD	MG		WH	EN	1I		ARG	4I	<1					Argillic altered granodiorite, with phyllic alteration envelope around several quartz and carbonate veinlets and stringers. Patchy potassic alteration throughout.
									LT	GN				PHC	3I						
														POT	2I						
81.27	82.58	1.31				LKqP	FEL	FG	DK	GY	PO	2I									Dark grey quartz feldspar porphyry dyke, with orange to pink zoning near contacts with granodiorite, and around oxidized fractures. Clay alteration of feldspar phenocrysts. Calcite lined vugs.
82.58	86.10	3.52				mKgW	GRD	MG		WH	EN	1I		ARG	4I						Alteration envelope, grading inwards from argillic to phyllic around veinlets and veins. Patchy oxidation on fractures. Potassic alteration throughout.
									LT	GN				PHC	3I						
														POT	2I						
86.10	148.44	62.34				mKgW	GRD	MG	MD	GY	PA		2I	ARG	1I	<1					Lightly silicified and potassic altered granodiorite, with argillic and phyllic envelopes around quartz veins and veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PHC	1I						
														POT	2I						
			86.70	88.30	1.60	mKgW	GRD	MG		WH	EN			ARG	4I						Argillic alteration envelope, grading to moderate phyllic alteration around 3 sets of quartz veinlets. Trace potassic alteration throughout.
									LT	GN				PHC	3I						
														POT	1I						
			89.80	90.16	0.36	mKgW	GRD	MG	LT	GN	EN			ARG	4I	1.00					Argillic alteration envelope, grading to moderate to strong phyllic alteration around veins hosting fine disseminated pyrite in selvages. Patchy potassic alteration.
										WH				PHC	3I						
														POT	2I						
			90.34	91.27	0.93	mKgW	GRD	MG		WH	EN			ARG	4I	1.00					Argillic altered granodiorite envelope, grading to moderate to strong phyllic alteration around veins hosting fine disseminated pyrite in selvages. Patchy potassic alteration.
									LT	GN				PHC	3I						
														POT	2I						
			97.27	97.84	0.57	mKgW	GRD	MG		WH	EN			ARG	4I						Argillic altered granodiorite envelope, with trace potassic alteration and strong phyllic 6cm selvage around quartz vein.
														PHC	3I						
														POT	1I						
			107.33	108.33	1.00	mKgW	GRD	MG	LT	GN	EN			ARG	4I	<1					Argillic altered granodiorite envelope grading to weak to strong phyllic alteration around milky quartz vein. Trace pyrite. Trace potassic alteration throughout.
														PHC	3I						
														POT	1I						
			111.36	113.50	2.14	mKgW	GRD	MG	LT	GN	EN			ARG	4I						Argillic and phyllic altered granodiorite envelope. Strongest argillic intensity at edges of envelope. Light potassic overprinting throughout.
														PHC	3I						
														POT	2I						
			114.25	115.10	0.85	mKgW	GRD	MG	LT	GN	EN			PRO	1I						Argillic and phyllic alteration envelope, strongest argillic intensity at edges grading to strongly phyllic altered at veinlets. Trace propylitic alteration at outside envelope edges. Trace potassic overprint throughout.
														ARG	4I						
														PHC	3I						
														POT	1I						
			120.30	122.78	2.48	mKgW	GRD	MG	LT	GN	EN			ARG	4I	1.00					Argillic and phyllic alteration envelope, strongly argillic at edges grading to strongly phyllic altered selvages of pyrite-bearing quartz veinlets.
														PHC	3I						
														POT	2I						
			124.88	133.97	9.09	mKgW	GRD	MG	LT	GN	EN	1I		ARG	4I	1.00					Broad envelope of argillic and phyllic altered granodiorite. Argillic altered at outside edges, grading inwards to phyllic alteration. Strong phyllic alteration in selvages of a set of quartz +/- pyrite veinlets. Patch of oxidation. Trace potassic alteration throughout.
										WH				PHC	4I						
														POT	1I						
			137.25	138.61	1.36	mKgW	GRD	MG	LT	GN	EN			ARG	3I						Patchy argillic and phyllic alteration envelope, with moderate to strong phyllic alteration around quartz veins and veinlets. Patchy potassic alteration.
										WH	PA			PHC	3I						
														POT	2I						
			139.35	140.34	0.99	mKgW	GRD	MG	LT	GN	EN		2I	ARG	1I	2.00					2 phyllic altered envelopes in silicified granodiorite, encompassing pyrite-bearing siliceous breccias with cross-cutting quartz-pyrite veinlets and stringers. Light potassic overprint.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
									MD	GY	BX			PHC	3I						
														POT	2I						
			147.10	148.44	1.34	mKgW	GRD	MG	LT	GN	PA			ARG	4I	<1					Argillic altered granodiorite with patchy envelopes of strong phyllic alteration encompassing quartz veinlets and stringers. Patchy potassic alteration throughout.
														PHC	3I						
														POT	2I						
																					EOH @ 148.44m

KLAZA

Hole: DDH-KL-12-113 Logger Name: Gareth Wolff

Depth (m)		DESCRIPTION
81.27		Contact between argillic altered granodiorite and quartz feldspar porphyry dyke. Approximately 15cm orange oxidized zone with minor gouge. 65 degrees to core axis (TCA).
82.58		Contact between quartz feldspar porphyry dyke and argillic altered granodiorite. Tan-pink to dark grey colour zoning from granodiorite into dyke. 65 degrees TCA.
		EOH

KLAZA

Hole: DDH-KL-12-113 **Logger Name:** Gareth Wolff **Date:** August 19, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	8.03	8.15	45.00		1.00	Py	5.00	Milky crustiform quartz-carbonate vein, 5cm wide. Massive pyrite in vein selvage.	
VT	10.74	10.77	50.00		1.00	Py	40.00	Quartz-carbonate veinlet hosting fine-grained massive pyrite.	
VT	10.80	10.91	40.00		2.00			2 oxidized milky carbonate veinlets.	
VT	16.05	16.30	50.00		6.00			6 oxidized quartz-carbonate veinlets.	
VN	17.91	18.21	60.00		2.00			2 crustiform quartz-carbonate veins, 1cm and 1.5cm wide, milky at edges and clear at centre.	
VT	18.21	18.24	60.00		1.00	Py	10.00	Crustiform quartz-carbonate veinlet, clear to milky, with massive pyrite in selvages.	
VN	20.74	20.81	60.00		1.00			5cm wide oxidized quartz vein.	
VT	23.42	23.45	60.00		1.00			Milky calcite veinlet.	
VT	25.00	25.75	Various		9.00			Orange, intensely oxidized quartz veinlets.	
VT	27.98	28.01	50.00		1.00	Py	1.00	Milky quartz veinlet with propylitic selvages.	
ST	28.30	28.45						Netted oxidized stringers.	
VT	29.04	29.10	50.00		1.00			Oxidized orange carbonate veinlet.	
VT	39.11	39.16	55.00		1.00	Py	2.00	Milky to clear quartz-carbonate veinlet hosting pyrite blebs. 2cm phyllic alteration envelope.	
VT	39.84	39.86	70.00		1.00	Py	1.00	Milky to clear crustiform quartz-carbonate veinlet hosting fine disseminated pyrite.	
VN	41.22	41.25	60.00		1.00	Py	5.00	Milky to smoky quartz vein, 1cm wide, hosting fine disseminated pyrite in vein and selvage.	
VT	42.81	42.85	50.00		1.00			Clear quartz veinlet with 2cm phyllic alteration envelope.	
VT	43.74	43.78	55.00		1.00			Milky quartz-carbonate veinlet with 4cm phyllic and potassic alteration envelope.	
VT	44.76	44.78	60.00		1.00	Py	1.00	Clear to milky crustiform quartz-carbonate veinlet with fine pyrite in veinlet and selvage. 4cm phyllic alteration envelope.	
VT	45.59	45.94	50-60		11.00	Py	<1	11 quartz-carbonate milky veinlets with trace pyrite at approximately 50-60 degrees to core axis (TCA).	
VT	45.99	46.14	Various		7.00			7 hematite stained quartz-carbonate veinlets.	
VT	47.56	48.05	50.00		7.00			7 milky unmineralized quartz-carbonate veinlets.	
VT	48.30	48.52	70.00		6.00			Milky to smoky quartz-carbonate veinlets in phyllic envelope.	
VT	50.01	50.20	60.00		5.00			5 dark green chloritized quartz veinlets, in phyllic envelope.	
VT	50.52	50.57	50.00		2.00			Milky quartz veinlets in phyllic envelope.	
VN	51.10	51.16	50.00		1.00			5cm milky calcite vein, fine breccia at edges.	
VT	51.48	51.74	50.00		5.00			5 milky to smoky quartz veinlets in phyllic envelope.	
ST	54.55	58.63	50-65		19.00			Milky, unmineralized quartz-carbonate veinlets and stringers, predominantly at 50-65 degrees TCA, with <1cm phyllic envelopes.	
VN	59.22	59.24	55.00		1.00			Dark green and white 1cm crustiform quartz-carbonate vein with chlorite.	
VT	59.58	59.71						Milky, netted quartz veinlets.	
VT	59.60	59.62	70.00		1.00			Smoky, vuggy quartz veinlet cross-cutting netted veinlets.	
VT	59.95	59.99	55.00		1.00	Py	15.00	Smoky to milky quartz veinlet hosting disseminated pyrite, in phyllic envelope.	
VT	59.98	60.02			1.00	Py	10.00	Smoky to milky irregular crustiform quartz veinlet, hosting disseminated pyrite. In phyllic envelope.	
VN	60.52	60.55	60.00		1.00	Py	10.00	2cm crustiform green and white quartz veinlet, hosting fine pyrite. Strongly phyllic altered.	
VT	61.13	61.17	60.00		2.00	Py	<1	2 clear to milky crustiform quartz veinlets with trace pyrite in phyllic selvages.	
VN	61.73	61.77	60.00		1.00			Milky to light green crustiform quartz vein, 1cm wide with intense phyllic selvages.	
VN	62.32	62.51	70.00		1.00	Py	5.00	Vuggy, crustiform smoky quartz vein, 20cm wide, with disseminated pyrite blebs. Moderately oxidized.	
VT	62.59	62.76	70-80		6.00	Py	30.00	6 veinlets of smoky to milky quartz and pyrite, disseminated pyrite in selvages and veinlets.	
VT	63.11	63.86	80.00		5.00			5 milky to pink potassic altered quartz veinlets.	
VT	64.34	64.45	45.00		2.00			Milky to clear quartz veinlets with 4cm strongly phyllic selvages.	
VN	64.66	64.72	50.00		1.00			Milky to clear finely brecciated crustiform quartz-carbonate vein, strongly oxidized and vuggy. 7cm moderate to strongly phyllic altered envelope.	
ST	66.33	66.63						Milky netted quartz-carbonate stringers, minor vugs.	
VT	66.70	66.80	60.00		3.00	Py	1.00	3 3-8mm wide milky to clear colloform quartz veinlets. Pyrite-bearing strongly phyllic altered selvages.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	67.04	67.10	35.00		1.00	Py	30.00	1.3-1.5cm smoky to milky crustiform quartz vein. 2-3cm intense phyllic selvage on either side. Disseminated pyrite and traces of fine arsenopyrite.	
						As	1.00		
VN	68.26	68.30	50.00		1.00	Py	10.00	Milky to smoky finely brecciated crustiform quartz vein, hosting disseminated pyrite.	
VT	68.86	68.92	45.00		1.00	Py	1.00	6mm milky to clear quartz veinlet with phyllic selvage. Pyrite blebs. Oxidized.	
ST	69.20	69.40	10.00		6.00			Milky quartz stringers, interweaving.	
VT	70.13	70.25			2.00			Milky irregular quartz veinlets.	
VN	70.28	70.32	55.00		1.00	Py	5.00	Milky to smoky quartz vein, hosting fine disseminated pyrite. Phyllic selvages.	
VT	70.39	70.42	65.00		1.00	Py	10.00	Milky 5mm wide quartz veinlet with pyrite blebs, in phyllic envelope.	
ST	70.55	70.85						Netted carbonate stringers.	
ST	71.30	71.85	45.00		7.00			7 milky quartz-carbonate stringers.	
VT	72.13	72.17	65.00		1.00	Cp	<1	Milky quartz veinlet with chalcopyrite bleb.	
VT	72.71	72.76	40.00		1.00			4mm wide milky quartz veinlet with 5cm phyllic envelope.	
VT	72.85	73.00	55.00		4.00	Cp	<1	4 milky quartz veinlets with trace chalcopyrite.	
VT	73.23	73.33	25.00		1.00			2mm wide milky quartz-carbonate veinlet.	
VT	73.47	74.26	40-50		14.00			14 milky quartz-carbonate veinlets to stringers, predominantly at 40-50 degrees TCA.	
VT	74.32	74.39	40.00		1.00			Milky 9mm wide quartz veinlet.	
ST	74.42	76.31	60.00		17.00			Quartz-carbonate milky stringers, predominantly at 60 degrees TCA, with some interweaving.	
VT	76.74	76.76	75.00		2.00	Py	<1	2 parallel milky crustiform quartz veinlets, 5mm wide, with potassic and phyllic alteration selvages.	
ST	77.30	77.38	Various			Py	<1	Multiple fine interweaving quartz-carbonate stringers, with fine trace pyrite.	
VT	77.44	77.98	50-70		8.00			Quartz-carbonate milky veinlets.	
ST	79.50	79.58	65.00		2.00			2 parallel quartz stringers with 1cm potassic selvages.	
VT	79.55	79.85	20-25		3.00			3 irregular interwoven quartz-carbonate veinlets.	
VT	80.09	80.25	30.00		5.00			Clear to milky, irregular parallel quartz-carbonate veinlets.	
VT	80.66	80.68	60.00		1.00			Milky to clear crustiform quartz veinlet with phyllic selvage.	
VT	82.85	83.05	Various					Irregular netted clear to milky quartz veinlets in silicified granodiorite.	
VN	84.19	84.22	60.00		1.00			1cm smoky quartz vein, crustiform, in phyllic alteration envelope.	
VN	84.32	84.42	50.00		2.00			2 irregular milky to smoky quartz veins, 1-2cm wide, in phyllic alteration envelope.	
VT	85.36	85.55	30.00		1.00			8-9mm crustiform oxidized milky quartz veinlet.	
VT	85.60	86.05	40.00		5.00	Py	<1	5 milky to clear quartz veinlets in phyllic alteration envelope. Trace pyrite in selvages.	
VN	87.22	87.27	45.00		1.00			Milky crustiform quartz vein, 4-11mm wide, irregular in width, encompassed by phyllic envelope.	
VT	87.64	87.67	60.00		2.00			2 fine quartz-carbonate veinlets with light phyllic selvages.	
VT	88.89	89.41	50-60		5.00			5 carbonate veinlets with intense phyllic selvages.	
VT	89.48	89.60	50.00		3.00			3 parallel quartz-carbonate veinlets in argillic and phyllic alteration envelope.	
VT	89.89	89.95	50.00		2.00			2 parallel quartz-carbonate milky veinlets, in phyllic alteration envelope.	
VT	90.28	90.36	70.00		3.00			3 milky quartz veinlets with phyllic selvages.	
VT	90.45	90.54	30-40		2.00			Crustiform, irregular milky quartz veinlets.	
VT	90.93	90.97	60.00		1.00			Milky to clear quartz-carbonate veinlet with phyllic selvage, encompassed by argillic alteration envelope.	
VT	91.91	91.94	55.00		1.00			Milky quartz-carbonate veinlet with phyllic selvage, 2cm wide.	
VT	96.89	96.92	75.00		1.00			Milky quartz-carbonate veinlet with 3cm wide phyllic and potassic selvage.	
VN	97.56	97.61	60.00		1.00			1.5cm milky to smoky quartz vein, crustiform, with 2cm phyllic selvage on either side.	
ST	98.47	101.00	50-70		12.00			Multiple carbonate stringers in unaltered granodiorite.	
VT	101.20	101.34	70.00		2.00			2 carbonate veinlets with 1-2cm phyllic and potassic selvages on either side.	
ST	104.47	104.71	60-70		7.00	Py	<1	7 carbonate-quartz stringers with trace pyrite.	
VT	106.01	106.49	65.00		5.00			5 quartz-carbonate milky to clear veinlets with 0.5cm potassic and phyllic selvages on either side.	
VT	107.33	107.44	65.00		3.00	Py	<1	Milky quartz-carbonate veinlets, crustiform, irregular. Trace pyrite in selvages.	
VN	107.90	107.94	80.00		1.00	Py	<1	Clear to milky vuggy crustiform quartz vein with phyllic selvage. Trace disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	108.80	108.90	65.00		4.00	Py	<1	Milky to clear quartz-carbonate veinlets with pyrite blebs in selvages.	
VT	110.14	110.88	60.00		4.00			4 crustiform milky quartz-carbonate veinlets.	
VT	111.15	111.66	70.00		2.00			2 5mm wide milky quartz-carbonate veinlets with 0.5-2cm phyllic selvages on either side.	
VN	112.67	112.78	30.00		1.00			1cm smoky quartz vein with fine breccia.	
VT	114.39	114.43	50.00		1.00	Py	50.00	Crustiform, milky to smoky carbonate-quartz-pyrite veinlet, 9mm potassic selvage.	
VT	115.46	116.56	70.00		3.00			3 quartz-carbonate veinlets with phyllic and potassic selvages, 1-2cm wide on either side.	
VT	117.19	118.34	70.00		8.00			8 irregular carbonate veinlets, predominantly at 70 degrees to core axis.	
VT	119.37	119.42	60.00		4.00	Py	1.00	4 interwoven quartz-carbonate veinlets, in phyllic and potassic alteration envelope with fine pyrite.	
VT	119.68	120.28	70.00		5.00			Quartz-carbonate veinlets in phyllic and potassic alteration envelopes.	
VT	121.10	121.21	70.00		4.00			4 milky crustiform quartz veinlets.	
VT	121.21	121.35				Py	5.00	Netted and interwoven quartz veins and veinlets, smoky, hosting disseminated pyrite.	
VT	122.01	122.34	60.00		5.00	Py	20.00	5 quartz-pyrite veinlets, hosting fine massive pyrite, in phyllic alteration envelope.	
VT	123.00	123.03	55.00		1.00	Py	15.00	Milky to smoky quartz veinlet hosting pyrite stringers, encompassed by 10cm phyllic alteration envelope.	
ST	123.63	124.01	55.00		3.00			3 quartz-carbonate stringers encompassed by phyllic envelopes.	
VT	125.12	126.48	60-70		3.00			3 milky quartz veinlets with phyllic and potassic selvages.	
VT	126.87	126.91	75.00		5.00	Py	1.00	5 smoky to milky quartz veinlets hosting pyrite blebs in selvages.	
VT	127.18	127.22	65.00		2.00	Py	40.00	2 parallel quartz veinlets hosting disseminated pyrite, at 1cm separation, in phyllic alteration envelope.	
VT	127.30	127.35	70.00		3.00	Py	30.00	3 parallel quartz veinlets, milky to smoky, hosting disseminated pyrite, in phyllic alteration envelope.	
VT	127.56	128.70	20.00		5.00			Milky quartz-carbonate crustiform veinlets.	
GO	129.58	129.65			1.00			Orange oxidized gouge and rubble, possible fault.	
VN	129.65	130.10	5.00		1.00			4-5cm crustiform quartz-carbonate vein with hematite bands, fine breccia, and grey chalcedonic banding. Moderately oxidized.	
ST	132.43	132.64	50.00		8.00			8 quartz-carbonate stringers with phyllic alteration selvages.	
ST	135.55	135.89	70.00		2.00			2 carbonate stringers with black rims.	
VT	136.49	136.51	60.00		1.00	Py	<1	Quartz-carbonate veinlet with traces of pyrite. 1cm phyllic envelope on either side.	
ST	136.72	136.90	70.00		3.00			Quartz-carbonate stringers with purple hematite staining and potassic and phyllic alteration envelope.	
ST	136.94	137.07						Netted carbonate stringers at varying orientations.	
BX	137.55	137.57	80.00		1.00			Quartz breccia, smoky aphanitic matrix with angular milky 1-2mm diameter quartz clasts.	
VN	138.18	138.34	70.00		3.00			3 milky crustiform carbonate-quartz veins, 1.2cm wide, in phyllic alteration envelope.	
VT	138.86	139.04	50-60		3.00	Py	10.00	Smoky quartz-carbonate veinlets hosting disseminated pyrite, with 2-3cm phyllic selvages on either side.	
BX	139.38	139.41	60.00		1.00	Py	1.00	Dk grey siliceous aphanitic matrix, 1mm phyllic altered granodiorite clasts. Hosting fine pyrite.	
BX	139.42	139.60	50.00		1.00	Py	5.00	15cm breccia, dark grey-green siliceous matrix, <1mm to 1.5cm subangular to subrounded phyllic-altered granodiorite clasts. Fine disseminated pyrite.	
BX	139.64	139.68	50.00		1.00			1cm siliceous breccia with phyllic-altered granodiorite clasts.	
VT	139.46		70.00		1.00	Py	10.00	Milky quartz veinlet hosting disseminated pyrite.	
VT	139.80	139.90	30.00		1.00			Clear to milky quartz-carbonate veinlet with 1-2cm wide phyllic and potassic selvage on either side.	
VT	140.22	140.26	70.00		2.00	Py	5.00	2 milky to purple quartz-carbonate veinlets hosting pyrite blebs.	
BX	140.26	140.32	50.00		1.00	Py	10.00	3.5cm wide breccia zone, fine siliceous matrix, 1-4mm granodiorite clasts. One rounded relict quartz clast, 2.5cm diameter.	
VT	140.75	141.42	50-70		5.00			5 carbonate-quartz veinlets in phyllic envelope.	
VT	142.46	142.49	55.00		1.00			Net-textured milky quartz veinlet with potassic and phyllic envelope.	
VT	142.84	143.01	60.00		6.00			Milky to black carbonate veinlets.	
VT	143.47	144.53	20-70		9.00			Milky quartz-carbonate veinlets, lightly phyllic altered selvages.	
VT	145.35	145.40	55.00		1.00			Milky quartz-carbonate veinlet with phyllic envelope.	
VT	145.49	145.52	60.00		1.00			Crustiform smoky to milky carbonate veinlet.	
ST	145.52	148.11	50.00		12/m			Carbonate stringers in phyllic and potassic envelope.	
VT	148.09	148.13	55.00		2.00			Vuggy, net-textured smoky quartz veinlets, interwoven.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	148.20	148.24	50.00		3.00			Milky, netted quartz-carbonate veinlets.	
VT	148.35	148.37	60.00		1.00	Py	2.00	Milky to smoky crustiform quartz-carbonate veinlet hosting pyrite blebs in selvage.	
								EOH @ 148.44m	

KLAZA

Hole: DDH-KL-12-113 **Date: August 20 2012**

From (m)	Volume 1 (ml)	Volume 2 (ml)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
7.95	1590	1857	735.9	470.4	GRD	MO	PHC	3I	Py	10	2.75618	2.771751	Phyllic altered granodiorite overprinting argillic alteration around 3cm milky crustiform quartz vein with massive pyrite in selvage.
							ARG	2I					
27.83	1590	1832	632.7	391.7	GRD	PA	PRO	2I			2.614463	2.625311	Phyllic and potassic envelope on chloritic quartz-carbonate veinlet.
							PHC	3I					
							POT	3I					
44.7	1590	1822	587.3	354.5	GRD	EN	ARG	3I			2.531466	2.522766	Argillic and phyllic envelope with potassic traces, enveloping milky to smoky quartz-carbonate veinlet.
							PHC	3I					
							POT	1I					
67.01	1605	1692	788.3	499.3	GRD	EN	PHC	4I	Py	30	9.06092	2.727682	Moderate to intensely phyllic envelope around 2-3cm crustiform quartz vein, with disseminated pyrite and pyrite traces.
									As	<1			
90.4	1600	1842	650.4	413.2	GRD	EN	PHC	4I			2.687603	2.74199	Phyllic envelope around 2 interwoven quartz veins.
							POT	1I					
108.88	1600	1832	611.5	383.3	GRD	EN	PHC	4I	<1		2.635776	2.679667	Phyllic and potassic envelope around crustiform quartz vein with trace pyrite.
							POT	2I					
125.53	1600	1897	768.6	471.6	GRD		ARG	4I			2.587879	2.587879	Argillic altered granodiorite with light potassic overprint.
							POT	2I					
139.6	1598	1867	726.4	457.7	GRD	EN	PHC	4I	Py	5	2.700372	2.703387	Phyllic and potassic envelope around around siliceous black breccia with granodiorite clasts.
						BX	POT	2I					
													EOH

KLAZA

Hole: DDH-KL-12-113 **Date: August 20, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
5.18	7.23	2.05	1.97	96.1	M359122	113-1				
7.23	8.45	1.22	1.12	91.8	M359123	113-1				
					M359124	113-1				BLANK
8.45	9.45	1.00	1.00	100	M359125	113-1				
9.45	10.93	1.48	1.48	100	M359126	113-1				
10.93	12.51	1.58	1.54	97.5	M359127	113-1				
10.93	12.51	1.58	1.54	97.5	M359128	113-1				1/4 DUPLICATE
12.51	14.07	1.56	1.50	96.2	M359129	113-1				
14.07	16.00	1.93	1.89	97.9	M359130	113-1				
16.00	17.55	1.55	1.55	100	M359131	113-1				
17.55	18.55	1.00	0.99	99	M359132	113-1				
					M359133	113-1				BLANK
18.55	20.61	2.06	1.94	94.2	M359134	113-1				
20.61	21.61	1.00	0.98	98	M359135	113-1				
21.61	24.24	2.63	2.52	95.8	M359136	113-1				
					M359137	113-1				STANDARD KLAZA-3
24.24	25.75	1.51	1.37	90.7	M359138	113-1				
25.75	27.75	2.00	2.00	100	M359139	113-1				
27.75	28.75	1.00	0.94	94	M359140	113-1				
28.75	29.75	1.00	0.98	98	M359141	113-1				
29.75	31.97	2.22	2.13	95.9	M359142	113-1				
31.97	33.79	1.82	1.82	100	M359143	113-1				
33.79	35.83	2.04	2.04	100	M359144	113-1				
35.83	36.89	1.06	1.02	96.2	M359145	113-1				
36.89	38.84	1.95	1.89	96.9	M359146	113-1				
38.84	39.91	1.07	1.02	95.3	M359147	113-1				
					M359148	113-1				STANDARD KLAZA-3
39.91	41.16	1.25	1.22	97.6	M359149	113-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
41.16	42.35	1.19	1.19	100	M359150	113-1				
42.35	43.35	1.00	0.97	97	M359151	113-1				
43.35	44.71	1.36	1.36	100	M359152	113-1				
					M359153	113-1				COARSE REJECT DUPLICATE
44.71	46.21	1.50	1.49	99.3	M359154	113-1				
46.21	47.51	1.30	1.29	99.2	M359155	113-1				
47.51	48.58	1.07	1.06	99.1	M359156	113-1				
48.58	49.88	1.30	1.20	92.3	M359157	113-1				
49.88	51.84	1.96	1.91	97.4	M359158	113-2				
51.84	54.54	2.70	2.63	97.4	M359159	113-2				
54.54	56.41	1.87	1.87	100	M359160	113-2				
56.41	57.55	1.14	1.14	100	M359161	113-2				
					M359162	113-2				STANDARD KLAZA-3
57.55	59.18	1.63	1.48	90.8	M359163	113-2				
59.18	60.82	1.64	1.64	100	M359164	113-2				
60.82	61.85	1.03	1.03	100	M359165	113-2				
61.85	62.85	1.00	1.00	100	M359166	113-2				
62.85	64.61	1.76	1.75	99.4	M359167	113-2				
64.61	65.99	1.38	1.34	97.1	M359168	113-2				
65.99	66.99	1.00	1.00	100	M359169	113-2				
66.99	68.33	1.34	1.27	94.8	M359170	113-2				
					M359171	113-2				BLANK
68.33	69.55	1.22	1.22	100	M359172	113-2				
68.33	69.55	1.22	1.22	100	M359173	113-2				1/4 DUPLICATE
69.55	70.62	1.07	1.07	100	M359174	113-2				
70.62	72.00	1.38	1.38	100	M359175	113-2				
					M359176	113-2				STANDARD KLAZA-3
72.00	73.00	1.00	0.97	97	M359177	113-2				
73.00	75.00	2.00	1.99	99.5	M359178	113-2				
75.00	76.72	1.72	1.71	99.4	M359179	113-2				
76.72	78.02	1.30	1.27	97.7	M359180	113-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
78.02	80.05	2.03	1.98	97.5	M359181	113-2				
80.05	81.23	1.18	1.17	99.2	M359182	113-2				
					M359183	113-2				BLANK
81.23	82.55	1.32	1.32	100	M359184	113-2				
82.55	84.16	1.61	1.59	98.8	M359185	113-2				
84.16	85.18	1.02	1.02	100	M359186	113-2				
85.18	86.21	1.03	1.01	98.1	M359187	113-2				
					M359188	113-2				COARSE REJECT DUPLICATE
86.21	88.28	2.07	2.07	100	M359189	113-2				
88.28	89.85	1.57	1.55	98.7	M359190	113-2				
89.85	90.91	1.06	1.06	100	M359191	113-2				
90.91	91.98	1.07	1.07	100	M359192	113-2				
91.98	94.00	2.02	1.94	96	M359193	113-2				
94.00	95.93	1.93	1.93	100	M359194	113-3				
					M359195	113-3				STANDARD KLAZA-3
95.93	97.11	1.18	1.18	100	M359196	113-3				
97.11	98.11	1.00	1.00	100	M359197	113-3				
98.11	100.85	2.74	2.74	100	M359198	113-3				
100.85	101.85	1.00	1.00	100	M359199	113-3				
101.85	104.45	2.60	2.60	100	M359200	113-3				
104.45	105.96	1.51	1.51	100	M359201	113-3				
105.96	107.32	1.36	1.34	98.5	M359202	113-3				
107.32	108.36	1.04	1.00	96.2	M359203	113-3				
					M359204	113-3				BLANK
108.36	109.39	1.03	1.03	100	M359205	113-3				
109.39	110.83	1.44	1.44	100	M359206	113-3				
110.83	112.56	1.73	1.73	100	M359207	113-3				
110.83	112.56	1.73	1.73	100	M359208	113-3				1/4 DUPLICATE
112.56	114.49	1.93	1.80	93.3	M359209	113-3				
114.49	116.61	2.12	2.02	95.3	M359210	113-3				
					M359211	113-3				STANDARD KLAZA-3
116.61	119.33	2.72	2.72	100	M359212	113-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
119.33	121.19	1.86	1.83	98.4	M359213	113-3				
121.19	122.38	1.19	1.18	99.2	M359214	113-3				
					M359215	113-3				BLANK
122.38	124.18	1.80	1.80	100	M359216	113-3				
124.18	126.40	2.22	2.22	100	M359217	113-3				
126.40	127.40	1.00	1.00	100	M359218	113-3				
127.40	129.21	1.81	1.76	97.2	M359219	113-3				
129.21	130.28	1.07	1.05	98.1	M359220	113-3				
130.28	132.70	2.42	2.40	99.2	M359221	113-3				
132.70	134.03	1.33	1.33	100	M359222	113-3				
					M359223	113-3				COARSE REJECT DUPLICATE
134.03	136.25	2.22	2.15	96.8	M359224	113-3				
136.25	137.50	1.25	1.25	100	M359225	113-3				
137.50	139.32	1.82	1.82	100	M359226	113-3				
139.32	140.32	1.00	1.00	100	M359227	113-3				
140.32	142.42	2.10	2.10	100	M359228	113-3				
142.42	144.16	1.74	1.74	100	M359229	113-3				
144.16	145.45	1.29	1.29	100	M359230	113-4				
145.45	147.22	1.77	1.75	98.9	M359231	113-4				
					M359232	113-4				BLANK
147.22	148.44	1.22	1.21	99.2	M359233	113-4				
										EOH @ 148.44m

KLAZA

Hole: DDH-KL-12-113 **Tech Name: T. CRUZ** **Date:AUGUST 18, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	1.53	30	0.38	7		1	0S	4W	
5.18	8.23	3.05	2.70	89	1.04	34		1	S	4W	
8.23	11.28	3.05	3.05	100	2.34	77		2	S	3W	
11.28	14.33	3.05	2.97	97	1.97	65		1	S	3W	
14.33	17.37	3.04	2.96	97	1.50	49		1	0S	4W	
17.37	20.42	3.05	2.84	93	0.94	31		1	2S	4W	
20.42	23.47	3.05	2.93	96	2.17	71		2	0S	2W	
23.47	26.52	3.05	3.03	99	1.03	34		1	1S	4W	
26.52	29.57	3.05	2.97	97	1.43	47		2	1S	3W	
29.57	32.61	3.04	2.97	98	2.39	79		1	1S	4W	
32.61	35.66	3.05	2.95	97	2.06	68		1	1S	3W	
35.66	38.71	3.05	2.97	97	2.07	68		2	1S	3W	
38.71	41.76	3.05	3.04	100	2.18	71		2	1S	3W	
41.76	44.81	3.05	3.05	100	2.36	77		2	0S	3W	
44.81	47.85	3.04	3.03	100	2.78	91		2	1S	2W	
47.85	50.90	3.05	2.93	96	2.40	79		2	3S	2W	
50.90	53.95	3.05	2.94	96	2.54	83		2	1S	2W	
53.95	57.00	3.05	3.05	100	2.68	88		2	3S	2W	
57.00	60.05	3.05	2.90	95	2.56	84		2	4S	2W	
60.05	63.09	3.04	3.05	100	2.46	81		2	4S	2W	
63.09	66.14	3.05	3.02	99	2.14	70		2	4S	2W	
66.14	69.19	3.05	2.93	96	2.54	83		2	4S	3W	
69.19	72.24	3.05	2.95	97	1.60	52		2	5S	1W	
72.24	75.29	3.05	2.95	97	1.91	63		2	5S	1W	
75.29	78.33	3.04	2.90	95	1.82	60		1	1S	4W	
78.33	81.38	3.05	2.94	96	2.19	72		2	1S	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.94	96	1.91	63		2	4S	3W	
84.43	87.48	3.05	3.00	98	2.21	72		2	1S	2W	
87.48	90.53	3.05	3.00	98	1.72	56		2	1S	3W	
90.53	93.57	3.04	2.91	96	1.72	57		2	0S	3W	
93.57	96.62	3.05	2.98	98	2.00	66		2	4S	1W	
96.62	99.67	3.05	2.95	97	1.17	38		2	2S	2W	
99.67	102.72	3.05	2.96	97	1.57	51		2	4S	1W	
102.72	105.77	3.05	2.96	97	1.25	41		2	5S	1W	
105.77	108.81	3.04	2.86	94	0.96	32		2	3S	3W	
108.81	111.86	3.05	2.93	96	1.46	48		2	2S	3W	
111.86	114.91	3.05	2.90	95	1.47	48		1	1S	4W	
114.91	117.96	3.05	2.88	94	1.85	61		2	4S	1W	
117.96	121.01	3.05	3.00	98	1.15	38		2	2S	4W	
121.01	124.05	3.04	2.95	97	0.84	28		2	3S	2W	
124.05	127.10	3.05	2.97	97	0.15	5		2	3S	1W	
127.10	130.15	3.05	2.96	97	0.80	26		2	0S	3W	
130.15	133.20	3.05	2.97	97	1.65	54		2	4S	1W	
133.20	136.25	3.05	2.90	95	1.75	57		2	5S	1W	
136.25	139.29	3.04	3.00	99	1.74	57		2	4S	1W	
139.29	142.34	3.05	2.94	96	1.74	57		2	5S	1W	
142.34	145.39	3.05	2.96	97	2.02	66		2	4S	1W	
145.39	148.44	3.05	2.86	94	1.89	62		2	1S	1W	
											EOH at 148.44 meters

KLAZA

Hole: DDH-KL-12-113 **Tech Name:** T. CRUZ **Date:** AUGUST 17,2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	-	-	-	-	-	-	Rubble w/ random fractures
5.18	8.23	3.05	-	-	-	-	-	-	Rubble w/ random fractures
8.23	11.28	3.05	50.00	0.20	0.00	2.00	3R	3W	
11.28	14.33	3.05	35.00	0.30	0.00	2.00	2R	3W	
14.33	17.37	3.04	40.00	0.25	0.00	2.00	2R	3W	
17.37	20.42	3.05	-	-	-	-	-	-	Rubble w/ random fractures
20.42	23.47	3.05	40.00	0.20	0.00	2.00	2R	3W	
23.47	26.52	3.05	-	-	-	-	-	-	Random fractures
26.52	29.57	3.05	60.00	0.10	0.00	2.00	2R	3W	
29.57	32.61	3.04	60.00	0.20	0.00	2.00	3R	2W	
32.61	35.66	3.05	60.00	0.15	0.00	2.00	2R	2W	
35.66	38.71	3.05	60.00	0.10	2.00	3.00	3R	3W	
38.71	41.76	3.05	55.00	0.10	1.00	3.00	2R	3W	
41.76	44.81	3.05	45.00	0.30	0.00	2.00	3R	3W	
44.81	47.85	3.04	60.00	0.15	3.00	2.00	2R	4W	
47.85	50.90	3.05	60.00	0.40	0.00	2.00	2R	3W	
50.90	53.95	3.05	45.00	0.30	0.00	2.00	3R	3W	
53.95	57.00	3.05	45.00	0.30	0.00	2.00	3R	3W	
57.00	60.05	3.05	50.00	0.10	0.00	2.00	2R	3W	
60.05	63.09	3.04	45.00	0.15	1.00	2.00	3R	3W	
63.09	66.14	3.05	60.00	0.30	0.00	2.00	3R	3W	
66.14	69.19	3.05	60.00	0.15	3.00	2.00	3R	3W	
69.19	72.24	3.05	40.00	0.75	0.00	1.00	2R	1W	
72.24	75.29	3.05	60.00	0.20	0.00	1.00	2R	1W	
75.29	78.33	3.04	50.00	0.03	0.00	1.00	2R	1W	
78.33	81.38	3.05	60.00	0.09	0.00	1.00	2R	3W	
81.38	84.43	3.05	40.00	0.16	0.00	1.00	2R	2W	

KLAZA

84.43	87.48	3.05	60.00	0.15	0.00	1.00	2R	1W	
87.48	90.53	3.05	50.00	0.22	0.00	1.00	2R	2W	
90.53	93.57	3.04	50.00	0.83	0.00	1.00	2R	2W	
93.57	96.62	3.05	40.00	0.31	0.00	1.00	2R	1W	
96.62	99.67	3.05	57.00	0.10	0.00	1.00	2R	1W	
99.67	102.72	3.05	40.00	0.23	0.00	1.00	2R	1W	
102.72	105.77	3.05							
105.77	108.81	3.04	55.00	0.48	0.00	1.00	2R	2W	
108.81	111.86	3.05							
111.86	114.91	3.05							
114.91	117.96	3.05	75.00	0.17	0.00	1.00	2R	1W	
117.96	121.01	3.05	50.00	0.20	0.00	1.00	2R	1W	
121.01	124.05	3.04	40.00	0.14	0.00	1.00	2R	2W	
124.05	127.10	3.05	70.00	0.26	0.00	1.00	2R	1W	
127.10	130.15	3.05							
130.15	133.20	3.05	80.00	0.16	0.00	1.00	2R	1W	
133.20	136.25	3.05	70.00	0.43	0.00	1.00	2R	1W	
136.25	139.29	3.04							
139.29	142.34	3.05	70.00	0.17	0.00	1.00	2R	1W	
142.34	145.39	3.05	45.00	1.08	0.00	1.00	2R	1W	
145.39	148.44	3.05							
									EOH at 148.44 meters

KLAZA

Hole: DDH-KL-12-113 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	-	OVB
2.00	-	OVB
3.00	-	OVB
4.00	3.01	
5.00	2.23	
6.00	8.50	
7.00	3.60	
8.00	3.51	
9.00	3.76	
10.00	6.62	
11.00	2.58	
12.00	18.20	
13.00	1.90	
14.00	2.92	
15.00	8.49	
16.00	1.77	
17.00	3.71	
18.00	2.45	
19.00	2.04	
20.00	8.47	
21.00	6.80	
22.00	19.70	
23.00	12.70	
24.00	14.00	
25.00	3.34	
26.00	4.59	
27.00	13.50	
28.00	2.34	
29.00	9.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	20.90	
31.00	12.70	
32.00	15.10	
33.00	23.60	
34.00	10.30	
35.00	20.80	
36.00	2.25	
37.00	22.50	
38.00	23.20	
39.00	2.98	
40.00	3.29	
41.00	20.20	
42.00	1.39	
43.00	2.04	
44.00	21.30	
45.00	4.97	
46.00	1.68	
47.00	18.50	
48.00	2.74	
49.00	16.60	
50.00	1.20	
51.00	3.53	
52.00	12.00	
53.00	13.70	
54.00	2.30	
55.00	7.64	
56.00	21.80	
57.00	11.10	
58.00	2.31	
59.00	14.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	2.56	
61.00	3.95	
62.00	3.12	
63.00	2.89	
64.00	3.09	
65.00	1.28	
66.00	2.67	
67.00	5.72	
68.00	2.87	
69.00	3.58	
70.00	1.66	
71.00	3.09	
72.00	2.17	
73.00	16.00	
74.00	20.40	
75.00	18.70	
76.00	17.30	
77.00	6.45	
78.00	5.50	
79.00	7.59	
80.00	5.30	
81.00	4.02	
82.00	5.08	
83.00	5.06	
84.00	6.71	
85.00	5.54	
86.00	6.13	
87.00	5.47	
88.00	6.67	
89.00	6.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	5.10	
91.00	3.62	
92.00	8.98	
93.00	20.70	
94.00	11.80	
95.00	19.10	
96.00	22.00	
97.00	20.10	
98.00	19.30	
99.00	21.80	
100.00	20.10	
101.00	19.60	
102.00	21.10	
103.00	31.60	
104.00	16.00	
105.00	19.90	
106.00	15.80	
107.00	21.60	
108.00	6.66	
109.00	22.70	
110.00	23.40	
111.00	22.50	
112.00	4.24	
113.00	4.06	
114.00	9.95	
115.00	4.97	
116.00	24.00	
117.00	18.30	
118.00	14.90	
119.00	15.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	17.30	
121.00	5.23	
122.00	4.19	
123.00	6.09	
124.00	3.93	
125.00	4.95	
126.00	5.30	
127.00	6.24	
128.00	6.82	
129.00	5.41	
130.00	6.11	
131.00	5.52	
132.00	5.69	
133.00	5.54	
134.00	17.40	
135.00	16.50	
136.00	19.10	
137.00	6.88	
138.00	6.00	
139.00	9.91	
140.00	10.00	
141.00	9.77	
142.00	18.00	
143.00	8.96	
144.00	8.58	
145.00	7.55	
146.00	6.58	
147.00	14.00	
148.00	2.17	
		EOH at 148.44 meters

KLAZA

Hole: DDH-KL-12-113 Date: Aug 2012

Box #	From (m)	To (m)
1	0.00	8.81
2	8.81	14.45
3	14.45	19.95
4	19.95	25.74
5	25.74	31.39
6	31.39	36.89
7	36.89	42.46
8	42.46	48.22
9	48.22	53.95
10	53.95	59.76
11	59.76	65.52
12	65.52	71.21
13	71.21	77.02
14	77.02	82.75
15	82.75	88.43
16	88.43	94.00
17	94.00	99.67
18	99.67	105.34
19	105.34	110.08
20	110.08	116.61
21	116.61	121.95
22	121.95	127.56
23	127.56	133.20
24	133.20	139.04
25	139.04	145.55
26	145.55	148.44
		EOH at 148.44 m

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383020.56	6889132.6	1433.808	197.21

ZONE: BRX

SECTION:

HOLE: DDH-KL-12-114

CLAIM: YC39055

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: August 16-18th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	12.20	12.20	GRD	HQ casing through strongly weathered granodiorite.
12.20	37.72	25.52	GRD	Unaltered granodiorite with strong oxidation and patchy argillic and phyllic alterations.
37.72	40.48	2.76	FEL	Quartz feldspar porphyry dyke with strong oxidation.
40.48	44.95	4.47	GRD	Phyllic granodiorite hosting two thick dyke selvedges.
44.95	46.09	1.14	FEL	Quartz feldspar porphyry dyke with strong oxidation.
46.09	47.85	1.76	GRD	Unaltered granodiorite with patchy argillic and phyllic.
47.85	96.15	48.30	GRD	Moderate propyllitic with patchy argillic and phyllic.
96.15	115.67	19.52	GRD	Weakly propyllitic with patchy argillic and phyllic.
115.67	119.26	3.59	GRD	Moderate argillic with phyllic vein envelopes.
119.26	135.03	15.77	GRD	Moderate-weak propyllitic granodiorite with patchy argillic and phyllic.
135.03	142.93	7.90	GRD	Strong phyllic granodiorite and with patchy argillic.
142.93	171.29	28.36	GRD	Moderate propyllitic with phyllic vein envelopes.
171.29	181.08	9.79	GRD	Moderate-strong argillic with patchy propyllitic.
181.08	186.4	5.32	GRD	Faulted argillic granodiorite with oxide staining.
186.40	192.94	6.54	GRD	Moderate-strong argillic with patchy propyllitic and phyllic.
192.94	197.21	4.27	GRD	Moderate propyllitic with phyllic vein envelopes.

SAMPLES

Numbers: N814718-N814859

Total: 142

Batch: 114-1 to 114-4

Date Sent:

Certificate:

COMMENTS

EOH @197.21m.

KLAZA

Hole: DDH-KL-12-114 **Logger Name:** **Teresa Cruz** **Date: August 18, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	12.20	12.20					OVB	FG	MD	BN		5I		CLY	5I						40' casing: strongly weathered overburden and redrill material. HQ casing. Mainly broken down to strongly oxidized clays.
									DK	OR											
12.20	37.72	25.52				mKgW	GRD	MG	MD	GN	RB	4I		ARG	3I			LI			Unaltered granodiorite with patchy argillic and phyllic vein envelopes. Interval is very strongly oxidized due to softness. Crosscut by several mineralized and altered quartz veins with heavy oxide staining. An altered vein between 17.10-17.37m hosts yellow scorodite, with high goethite-limonite presence along the same vein.
									DK	OR	PA			PHC	3I			GO			
																		SO			
			14.21	15.23	1.02	mKgW	GRD	MG	MD	GN	RB	4I		ARG	3I			LI			Moderate argillic granodiorite with strong oxidation.
									MD	OR											
			37.24	37.72	0.48	mKgW	GRD	MG	MD	BN	RB	3I		PHC	3I	8.00					Moderate oxidized and clay altered mineralized dyke selvedge. Too altered to distinguish original textures and veining. Hosts disseminated medium grained pyrite crystals. Dominantly phyllic.
										GY				CLY	3I						
37.72	40.48	2.76				LKqP	FEL	FG	MD	BN	RB	3I									Strongly oxide-stained, rubbly quartz feldspar porphyry dyke with 0.2-1mm sericite and oxide altered quartz/feldspar phenocrysts, showing no strain or flow directions.
									LT	OR											
40.48	44.95	4.47				mKgW	GRD	MG	MD	BN	RB	4I		PHC	3I	10.00					Short granodiorite interval between two quartz feldspar porphyry dykes, and thus
									DK	GY	GO			CLY	3I						
			40.48	41.76	1.28	mKgW	GRD	MG	MD	BN	RB	4I		PHC	3I	8.00		LI	15.00		Mineralized dyke selvedge: heavily oxide and clay altered with moderate-weak gouge.
									DK	GY	GO			CLY	3I						
			43.61	44.95	1.34	mKgW	GRD	MG	MD	BN	RB	3I		PHC	3I						Mineralized dyke selvedge: heavily oxide and clay altered with moderate-weak gouge.
									DK	GY	GO			CLY	3I						
44.95	46.09	1.14				mKgW	GRD	MG	MD	BN	RB			CLY	2I						Strongly oxide-stained, rubbly quartz feldspar porphyry dyke with 0.2-1mm sericite and oxide altered quartz/feldspar phenocrysts, showing no strain or flow directions.
														SER	2I						
46.09	47.85	1.76				mKgW	GRD	MG	MD	GY	XL			ARG	2I						Competent recovery begins at 46.09m. Unaltered granodiorite with patchy argillic alteration and mineralized dyke selvedge following the porphyry dyke contact. Granodiorite is dark grey with some crosscutting quartz veinlets.
											PA										
			46.09	46.69	0.60	mKgW	GRD	MG	MD	GY	XL			PHC	3I	10.00					Mineralized dyke selvedge with phyllic granodiorite and clay alteration.
											GO			CLY	3I						
			46.69	47.85	1.16	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic granodiorite with rare crosscutting pyrite-quartz veinlets.
									LT												
47.85	96.15	48.30				mKgW	GRD	MG	MD	GY	XL		3I	PRO	3I						Moderate propyllitic granodiorite with patchy argillic and phyllic vein envelopes on crosscutting mineralized quartz-carbonate veins. Moderate silica flooding begins after approximately 68m depth.
										GN	PA			ARG	2I						
														PHC	2I						
			52.48	53.39	0.91	mKgW	GRD	MG	LT	WH	XL			ARG	4I						Strongly argillic granodiorite.
										PK											
			53.39	53.75	0.36	mKgW	GRD	MG	MD	GY	XL		2I	PHC	4I						Strong phyllic with weak silicification crosscut by a thick quartz-pyrite vein.
									DK	GN											
			66.46	68.00	1.54	mKgW	GRD	MG	MD	GY	XL		4I	ARG	3I						Moderate argillic with phyllic vein envelopes on low quartz veins with some gouge.
									LT	GN				PHC	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
			68.00	70.67	2.67	mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate propyllitic granodiorite strongly silica flooded, destroying most original textures.
										GN	FL										
			70.67	72.30	1.63	mKgW	GRD	MG	LT	GN	XL			ARG	4I						Moderate-strong argillic granodiorite with rare crosscutting mineralized quartz veinlets, with phyllic envelopes. 8cm clay altered and gouged interval.
										WH				CLY	2I						
														PHC	2I						
			80.58	82.55	1.97	mKgW	GRD	MG	MD	GN	XL			PHC	3I	1.00					Moderate phyllic granodiorite hosting disseminated pyrite with a central 45cm argillic interval. Ends in a 22cm thick friable fault zone.
										GY				ARG	3I						
			85.49	86.44	0.95	mKgW	GRD	MG	MD	GY	XL			PHC	4I						Strong phyllic granodiorite crosscut by a single prominent quartz vein with rich sulphide mineralization.
									LT	GN											
			94.16	96.15	1.99	mKgW	GRD	MG	MD	GY	XL			PHC	4I	1.00					Moderate phyllic granodiorite due to prominent crosscutting quartz veins, with argillic alteration where quartz veins are farther apart.
									LT	GN				ARG	3I						
96.15	115.67	19.52				mKgW	GRD	MG	MD	GY	XL		2I	PRO	2I						Weakly propyllitic granodiorite with patchy silicification and argillic alteration, especially near crosscutting quartz veinlets/veins, where phyllic envelopes grade out into argillic. Silica flooding is sourced from the veins.
										GN	FT			ARG	3I						
														PHC	2I						
			99.11	100.60	1.49	mKgW	GRD	MG	MD	GY	XL		4I								Strongly silica flooded granodiorite, obliterating original granodiorite textures.
										GN	FL										
			100.60	101.03	0.43	mKgW	GRD	MG	MD	GY	XL			ARG	3I						Moderate argillic granodiorite overprinted by propyllitic.
									LT					PRO	2I						
			102.30	102.61	0.31	mKgW	GRD	MG	LT	GY	XL			ARG	4I						Strong argillic granodiorite crosscut by a mineralized quartz vein.
										GN											
			104.75	105.26	0.51	mKgW	GRD	MG	LT	GY	XL			ARG	4I						Weakly faulted argillic overprinted by phyllic with a crosscutting quartz vein.
										GN	FT			PHC	2I						
			105.26	106.81	1.55	mKgW	GRD	MG	MD	GY	XL		3I	PRO	3I						Moderate propyllitic with moderate silica flooding.
										GN	FL										
			106.81	108.21	1.40	mKgW	GRD	MG	MD	GY	XL	2I	3I	PHC	4I	3.00					Strong phyllic alteration around mineralized quartz veins, that grades into argillic with increasing distance from veins.
										GN				ARG	2I						
			112.81	113.41	0.60	mKgW	GRD	MG	LT	GY	XL			ARG	4I						Strong argillic granodiorite with fractures and moderate crumbling.
										WH	FR										
115.67	119.26	3.59				mKgW	GRD	MG	MD	GY	XL		2I	ARG	3I	1.00		CP	1.00		Argillic with phyllic on prominent crosscutting quartz veins. Weakly silica flooded for last 1 m of interval.
									LT	GN				PHC	3I						
119.26	135.03	15.77				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate-weak propyllitic granodiorite with patchy argillic and a thick phyllic interval due to overlapping quartz vein envelopes.
										GN	PA			PHC	3I						
														ARG	2I						
135.03	142.93	7.90				mKgW	GRD	MG	LT	GY	XL			PHC	4I						Dominantly strong phyllic granodiorite with patchy argillic. Rubbly where phyllic is strongest, with many crosscutting quartz veins.
										GN	RB			ARG	3I						
			135.03	138.42	3.39	mKgW	GRD	MG	LT	WH	XL			ARG	4I						Moderately argillic granodiorite with weak clay alteration of feldspar phenocrysts.
										GN				CLY	2I						
			138.42	142.93	4.51	mKgW	GRD	MG	MD	GY	XL			PHC	4I	2.00					Strong phyllic alteration due to closely spaced and often clay altered quartz veinlets with sulphides.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									LT	GN	RB			CLY	3I						
142.93	165.24	22.31				mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate propyllitic with phyllic quartz vein envelopes of varying widths/intensities. Hosts several prominent mineralized quartz veins. Crosscut by pyrite stringers. Quartz vein density increases in second half of the interval.
										GN				PHC	2I						
			147.63	148.76	1.13	mKgW	GRD	MG	LT	GY	XL			PHC	3I						Phyllic vein envelopes that overlap and grade out into argillic. Crosscutting veins are pyrite-hosting.
										GN				ARG	2I						
			155.82	156.89	1.07	mKgW	GRD	MG	MD	GY	XL			PHC	3I						Phyllic vein envelopes that overlap and grade out into argillic. Crosscutting veins are pyrite-hosting.
									LT	GN				ARG	2I						
165.24	171.29	6.05				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Dominantly propyllitic granodiorite with phyllic vein envelopes that grade out into argillic. Crosscut by regularly spaced quartz veins. Quartz veins have well-defined classical phyllic envelopes.
											PA			ARG	2I						
														PHC	2I						
171.29	181.08	9.79				mKgW	GRD	MG	LT	GN	XL			ARG	4I						Moderate-strong argillic with patchy propyllitic granodiorite. Crosscut by frequent white-grey quartz veinlets with pyrite and classical phyllic envelopes.
											PA			PRO	2I						
			176.28	178.01	1.73	mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate propyllitic granodiorite crosscut by quartz veinlets.
										GN											
181.08	186.40	5.32				mKgW	GRD	MG	LT	BN	RB	3I		ARG	3I						Faulted moderate argillic with brown-orange oxide staining along fractures and on most fracture faces. Crosscut by occasional quartz veinlets.
										GN	FR			CLY	2I						
186.40	192.94	6.54				mKgW	GRD	MG	MD	GY	XL			ARG	4I						Moderate-strong argillic interval with patchy propyllitic and phyllic vein envelopes, crosscut by mineralized quartz-chalcedony veins.
									LT	GN	PA			PHC	2I						
														PRO	2I						
			188.39	189.11	0.72	mKgW	GRD	MG	MD	GY	XL			PRO	3I						Moderate-weak propyllitic, with phyllic-argillic vein envelopes on crosscutting quartz veins.
										GN	PA										
192.94	197.21	4.27				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite crosscut by 1mm quartz veinlets with weak phyllic envelopes.
																					EOH

KLAZA

Hole: DDH-KL-12-114 Logger Name: Teresa Cruz Date: Aug 18, 2012

Depth (m)		DESCRIPTION
37.72		Rubbly and strongly oxidized and clay altered contact between HW (Hanging Wall) granodiorite with mineralized dyke selvedge and FW (Foot Wall) quartz feldspar porphyry dyke.
40.48		Abrupt, oxidized and clay altered 90 degree contact between HW quartz feldspar porphyry dyke and FW granodiorite with mineralized dyke selvedge.
44.95		Rubbly and strongly oxidized and clay altered contact between HW (Hanging Wall) granodiorite with mineralized dyke selvedge and FW (Foot Wall) quartz feldspar porphyry dyke.
46.09		Strongly oxidized and clay altered sharp 80 degree TCA contact between HW quartz feldspar porphyry dyke and FW granodiorite with mineralized dyke selvedge.
		EOH

KLAZA

Hole: DDH-KL-12-114 **Logger Name:** Teresa Cruz **Date:** August 18, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	17.10	17.37	15.00			LI	10.00	Very strongly oxidized quartz vein, now rendered soft and hosting yellow-orange scorodite, limonite, and goethite. Rubbly and fractured.	
						GO	10.00		
						SO	20.00		
VT	21.11	21.49	60.00		5.00	PY	1.00	Five white massive quartz veinlets with moderate oxide staining and weak clay alteration. One veinlet hosts disseminated pyrite.	
VT	27.53	27.75	20.00			PY	10.00	Quartz veinlet with heavy clay alteration. Now dark grey clay and rubble, with fine-medium grained pyrite crystals.	
VN	27.75	27.97	30.00					Massive grey quartz vein with small vugs.	
VT	29.43	30.51	20.00		2.00	PY	80.00	Two 1mm thick quartz-pyrite veinlets with narrow, well-defined phyllic envelopes (2mm thick)	
VT	31.15	31.16	30.00			PY	8.00	Quartz veinlet with heavy clay alteration. Now dark grey clay and rubble, with fine-medium grained pyrite crystals.	
VN	40.72	41.76	60.00		6.00	PY	10.00	Dyke selvedge: six quartz-carbonate veinlets/veins hosting disseminated-blebby pyrite in clay altered dyke selvedge. Difficult to distinguish the textures due to oxide alteration.	
VT	42.05	43.83	60.00		5.00	PY	6.00	5 quartz-pyrite veinlets. Too rubbly to be sure of number and orientation of veinlets.	
VT	43.90	45.00	45.00		8.00	PY	5.00	8 quartz-pyrite veinlets, some with yellow scorodite. Too rubbly to be sure of number and orientation of veinlets.	
						SO	3.00		
VN	46.01	46.08	90.00			PY	8.00	Thick massive-cracked grey quartz vein hosting disseminated-blebby pyrite, with some calcite infilling cracks.	
VT	46.09	46.69	70.00		12.00	PY	20.00	Dyke selvedge with closely spaced clay altered quartz veinlets hosting disseminated-blebby pyrite.	
VN	53.56	53.59	70.00			PY	70.00	white massive quartz vein hosting massive pyrite.	
FT	57.07	57.39	40.00					Friable crumbled fault zone.	
VT	58.55	58.83	60.00		2.00	PY	40.00	Two 2-3mm quartz veinlets with blebby-massive pyrite and chalcopyrite.	
						CP	10.00		
VN	62.08	62.09	80.00			PY	5.00	1cm thick massive white quartz vein hosting blebby pyrite.	
VN	63.70	63.84	30.00		2.00			Two crosscutting massive white calcite veins, that sit at opposing 30 degree angles.	
VN	66.99	67.03	45.00			PY	20.00	White massive quartz vein with blebby pyrite at the centre.	
VN	67.29	67.32	20.00			PY	10.00	Low angle banded white-grey quartz vein hosting blebby pyrite and dark grey clay altered sulphides.	
GO	71.23	71.30	70.00					Gouged argillic granodiorite	
VT	71.48	71.49	80.00			PY	40.00	White massive quartz veinlet with blebby-interstitial pyrite.	
VT	71.90	71.91	75.00			PY	5.00	Grey quartz veinlet hosting disseminated pyrite and blebby hematite.	
						HE	10.00		
DY	79.96	80.02	90.00					Medium pink aplite dyke.	
VN	81.21	81.26	90.00			PY	40.00	banded smoky-white quartz vein with several crosscutting discontinuous pyrite veinlets and blebby chalcopyrite.	
						CP	5.00		
GO	81.87	81.91	60.00			PY	5.00	Gouged argillic granodiorite.	
VN	82.00	82.02	70.00			PY	30.00	Banded white-grey-smoky quartz vein with orange oxide staining, hosting blebby pyrite and chalcopyrite.	
						CP	5.00		
VN	85.79	85.85	65.00			PY	30.00	Thick grey-smoky quartz vein crosscut by two white massive calcite veinlets and a 2cm thick pyrite vein. Pyrite is massive and ghost bladed.	
						SP	6.00		
VT	89.00	89.47	55.00		3.00	PY	8.00	White massive quartz veinlets with disseminated-blebby pyrite.	
VN	90.40	90.42	60.00			PY	20.00	White-grey semitranslucent quartz vein hosting disseminated-blebby pyrite.	
VT	92.67	92.68	45.00			PY	2.00	White clay altered quartz veinlet hosting disseminated pyrite.	
VN	94.67	94.72	80.00			PY	10.00	Milky-smoky banded quartz vein hosting disseminated pyrite in the smoky quartz, and honey brown sphalerite along the milky to smoky quartz contacts.	
						SP	8.00		
GO	94.95	94.98	85.00			PY	10.00	Moderately gouged and clay altered grey-white quartz vein hosting disseminated-blebby pyrite.	
VN	95.41	95.44	75.00			PY	20.00	Massive grey translucent quartz vein hosting discontinuous pyrite veinlets and disseminated-blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	97.59	97.63	70.00			PY	10.00	Grey weakly banded semitranslucent quartz vein with disseminated-blebby pyrite.	
VN	100.15	100.20	40.00			PY	2.00	White quartz vein with poorly defined borders that flood the surrounding granodiorite.	
VN	102.43	102.45	45.00			PY	10.00	White-grey blended quartz vein with smoky quartz stringers. Hosts blebby pyrite and pyrite-replaced angular clasts.	
VN	103.00	103.03	35.00					White massive calcite vein.	
VT	104.96	104.97	25.00					White massive calcite veinlet.	
VN	105.42	105.66	55.00		4.00	PY	35.00	Four white-grey semitranslucent quartz veins/veinlets hosting massive-blebby pyrite and discontinuous pyrite veinlets.	
VT	105.71	105.72	50.00			PY	20.00	White massive semitranslucent quartz veinlet hosting blebby pyrite and galena.	
						GN	15.00		
VN	105.94	106.01	25.00			PY	10.00	White-grey massive-crackled quartz vein hosting disseminated pyrite.	
VN	106.11	106.31	25.00			PY	8.00	Moderately clay altered and rubbly, oxide-stained quartz vein hosting disseminated-blebby pyrite.	
VT	106.74	107.15	40.00		5.00	PY	6.00	White-grey quartz veinlets hosting blebby pyrite and discontinuous pyrite stringers.	
VN	107.37	107.50	40.00			PY	60.00	Thick quartz vein. First 2cm is smoky quartz brecciating white quartz. Next 3cm is milky opaque quartz vein hosting massive pyrite and chalcopyrite. Final 3cm is a massive pyrite vein.	x
						CP	15.00		
VT	107.75	107.81	80.00		2.00	PY	20.00	Two vuggy white-smoky-grey quartz veinlets hosting discontinuous pyrite stringers.	
VT	108.21	108.22	90.00			PY	20.00	Weakly banded grey semitranslucent quartz veinlet with discontinuous pyrite stringers.	
VN	109.56	109.57	80.00			PY	60.00	White massive quartz vein almost totally replaced by pyrite.	
VN	110.80	110.29	75.00		2.00	PY	20.00	White-grey banded quartz veins hosting blebby-disseminated pyrite.	
VT	110.70	110.71	85.00			PY	10.00	White calcite veinlet hosting blebby pyrite with dark green chlorite borders.	
VN	110.98	111.01	50.00			PY	25.00	White quartz vein with poorly defined borders, hosting blebby-massive pyrite.	
FT	112.76	113.39	40.00					Friable fault zone.	
VN	113.77	113.79	80.00			PY	30.00	White poorly defined quartz vein with parallel white massive calcite veinlet and cream banded chalcedony veinlet. Hosts massive pyrite in white quartz.	
VN	114.44	115.70	70.00		7.00	PY	5.00	Seven white-grey poorly defined quartz veinlets with cream carbonate-filled discontinuous cracks. Hosts disseminated pyrite and crystalline sericite.	
						SE	3.00		
VN	116.73	116.75	60.00			PY	6.00	White discontinuous massive calcite vein with parallel smoky quartz veinlets and disseminated pyrite.	
VT	117.69	117.86	80.00		3.00	PY	10.00	Three grey quartz veinlets with disseminated pyrite in their phyllic envelopes.	
VN	117.96	118.28	60.00			PY	40.00	Thick, complex quartz vein: First 16cm are rich in pyrite and chalcopyrite, hosted in mixed masses and blebs in grey semitranslucent quartz with interstitial white calcite. Last 18cm consists of a vuggy smoky quartz breccia hosting granodiorite and grey quartz clasts, some of which have been replaced by pyrite. White massive calcite is found interstitially.	x
						CP	30.00		
VN	118.58	121.24	70.00		6.00	PY	6.00	Four white-grey semitranslucent quartz veins with poorly defined borders, hosting disseminated-blebby pyrite.	
VN	123.36	123.40	45.00			PY	15.00	Banded milky-smoky-grey quartz vein hosting blebby pyrite, elongate parallel to bands.	
VN	123.65	123.67	70.00			PY	20.00	White-cream semitranslucent quartz vein hosting blebby pyrite.	
VN	125.09	125.11	60.00			PY	10.00	White-cream semitranslucent quartz vein hosting blebby pyrite and red hematite.	
						HE	6.00		
VT	127.36	127.43	50.00		4.00			Four 1mm thick pyrite veinlets.	
VN	127.88	128.09	80.00					Weakly clay altered white massive calcite veins.	
VN	128.30	129.04	75.00	5.00		PY	8.00	Five white-grey quartz veins with parallel cream carbonate veinlets, hosting disseminated pyrite and red hematite.	
						HE	3.00		
VN	128.35	128.52	5.00			PY	5.00	Grey-white massive quartz vein hosting red blebby hematite at its centre, and disseminated pyrite throughout. Truncated by a quartz-carbonate veinlet at both ends.	
						HE	15.00		
VT	131.53	131.54	60.00			PY	8.00	Grey translucent quartz veinlet hosting blebby pyrite at its centre.	
VN	131.66	131.68	75.00			PY	30.00	White translucent quartz vein with comb texture. Massive pyrite is hosted at its centre, interstitial to the comb crystals.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	132.12	132.32	60.00			PY	12.00	Thick massive-crackled grey opaque quartz vein, crosscut by cream carbonate veinlets. Vein is rubbly, and hosts blebby pyrite and one pyrite veinlet.	
DY	132.73	134.12	45.00	4.00				Pink aplite dyke.	
FT	135.03	135.64	40.00					Friable crumbled fault zone.	
GO	135.78	135.81	80.00			PY	2.00	Strongly gouged white quartz vein hosting disseminated pyrite.	
VT	136.20	137.00	30.00	3.00		PY	1.00	Three cream banded quartz veinlets hosting trace disseminated pyrite.	
VN	136.52	136.54	35.00			PY	1.00	Banded cream quartz-chalcedony vein with a large vug filled by white crystalline quartz. Hosts disseminated pyrite.	
VT	137.94	137.95	60.00			PY	10.00	White massive quartz veinlet hosting blebby pyrite.	
VT	138.41	138.42	45.00			PY	7.00	White-grey opaque quartz veinlet hosting blebby-disseminated pyrite.	
VT	138.89	138.97	35.00	4.00		PY	8.00	Discontinuous white quartz veinlets hosting disseminated-blebby pyrite and red hematite.	
						HE	15.00		
GO	139.90	140.50	60.00			PY	10.00	Zone of moderate-strongly gouged white-grey quartz veins hosting disseminated pyrite.	
VN	140.71	141.10	20.00	2.00		PY	5.00	Two low angle dark-medium grey crackled quartz veins, with clay alteration along the cracks. Hosts disseminated pyrite.	
BX	141.10	141.43	45.00			PY	8.00	Phyllic granodiorite with three grey banded quartz veins are brecciated by cream chalcedony veinlets and veins. Hosts blebby-disseminated pyrite throughout.	
VN	141.50	141.51	25.00			PY	10.00	Medium grey massive opaque quartz vein hosting a discontinuous pyrite veinlet along its central axis.	
VT	142.97	143.88	60.00		5.00			Five 1-3mm thick pyrite veinlets.	
VT	143.21	143.22	75.00			PY	8.00	Banded white-smoky-grey quartz veinlet with vugs in white quartz. Hosts elongate blebs of pyrite interstitial to quartz bands.	
VT	144.98	145.01	10.00		3.00	PY	15.00	Three grey-green quartz veinlets hosting blebby-massive pyrite and red hematite.	
						HE	20.00		
VN	145.23	145.29	65.00		3.00	PY	40.00	Three white semitranslucent quartz veins hosting central blebby-massive pyrite.	
VT	145.46	147.24	55.00		21.00			Discontinuous pyrite veinlets.	
VT	147.24	147.61	65.00		4.00	PY	20.00	White translucent discontinuous quartz veinlets hosting disseminated-blebby pyrite.	
VN	147.69	147.75	70.00		2.00	PY	15.00	Two white-smoky-grey banded quartz veins hosting discontinuous pyrite stringers and disseminated pyrite.	
VN	148.00	148.02	80.00			PY	30.00	Fractured white-grey quartz vein hosting pyrite veinlets.	
VT	148.38	148.44	75.00		3.00	PY	10.00	Three grey crackled quartz veinlets with cream carbonate infilling discontinuous cracks. Hosts disseminated pyrite.	
VN	150.93	150.96	20.00			PY	30.00	White translucent quartz vein that hosts blebby-massive interstitial pyrite.	
VN	151.50	151.52	45.00			PY	40.00	Rubbly recovery of a 3cm thick low angle massive white quartz vein, hosting a central 1.5cm massive pyrite vein.	
VT	151.60	153.73	40.00		12.00	PY	25.00	Twelve white-grey semitranslucent quartz veinlets hosting central discontinuous pyrite stringers/veinlets. Commonly have 3mm phyllic envelopes.	
DY	151.81	151.84	60.00					Pink aplite dyke.	
VT	154.08	155.94	70.00		8.00	PY	20.00	Eight white-grey semitranslucent quartz veinlets hosting central discontinuous pyrite stringers/veinlets. Commonly have 3mm phyllic envelopes.	
VN	155.97	156.08	45.00		2.00	PY	10.00	Two weakly clay altered grey-white banded quartz veins with disseminated-blebby pyrite.	
VT	156.33	157.07	70.00		4.00	PY	8.00	Four white-grey translucent quartz veinlets, with white bands at the centre parallel to discontinuous pyrite stringers.	
VN	159.08	159.10	60.00			PY	25.00	White-grey translucent quartz vein hosting blebby-massive pyrite.	
VN	159.21	159.23	75.00			PY	10.00	Grey translucent quartz vein crosscut by white carbonate veinlets. Hosts disseminated-blebby pyrite.	
VT	159.25	159.30	75.00		2.00	PY	15.00	Two grey quartz veinlets with central milky quartz veinlets. Disseminated pyrite runs adjacent to the grey-to-milky quartz contacts.	
VT	159.58	159.59	45.00			PY	1.00	White comb-vuggy semitranslucent quartz veinlet hosting weakly disseminated pyrite.	
VT	162.85	164.10	50.00		5.00	PY	15.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, a white quartz central veinlet, and disseminated pyrite throughout.	
VN	163.85	163.89	70.00			PY	20.00	3cm thick banded grey-milky quartz vein, with disseminated-blebby pyrite hosted in the grey quartz.	
VT	165.51	165.63	60.00		2.00	PY	6.00	Milky massive quartz veinlets with disseminated pyrite.	
VT	165.97	166.80	50.00		3.00	PY	10.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, a white quartz central veinlet, and disseminated pyrite throughout.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	167.35	167.36	60.00			PY	6.00	White cream semitranslucent quartz veinlet hosting disseminated pyrite.	
GO	168.36	168.42	45.00			PY	15.00	Strongly gouged dark-medium grey quartz vein hosting disseminated pyrite and discontinuous pyrite stringers.	
VT	169.27	174.76	45.00		25.00	PY	15.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, a white quartz central veinlet, and disseminated pyrite throughout.	
VT	176.35	179.18	50.00		17.00	PY	15.00	Grey semitranslucent quartz veinlets with central <1mm thick white quartz veinlet and disseminated pyrite. Strong, narrow phyllic envelopes.	
VN	177.43	177.47	40.00			PY	10.00	1cm milky quartz vein with 3cm very strong phyllic envelope. Blebby pyrite hosted along the downhole border.	
VT	177.67	177.98	60.00		4.00			Four discontinuous pyrite veinlets.	
VN	180.04	180.06	60.00			PY	40.00	White crackled semitranslucent quartz vein hosting blebby-massive pyrite.	
VN	183.98	184.01	30.00			PY	10.00	Medium-dark grey massive quartz vein with blebby pyrite.	
VN	185.45	186.86	60.00			PY	5.00	Massive-vuggy grey quartz vein, very rubbly and clay altered. Hosts disseminated pyrite.	
VN	186.51	186.52	80.00					Milky banded quartz vein.	
VT	187.20	187.34	60.00		2.00	PY	8.00	Grey-white banded quartz veinlets with disseminated-blebby pyrite.	
VN	187.70	187.74	70.00			PY	3.00	White-milky crustiform quartz vein with disseminated pyrite.	
VN	189.41	189.47	90.00					Cream-milky crustiform-vuggy chalcedony vein.	
VN	191.23	191.35	85.00			PY	8.00	Thick dark-medium grey massive quartz vein with milky quartz lenses and cream chalcedony veinlets. Hosts disseminated pyrite.	
DY	197.05	197.12	40.00					Pink aplite dyke.	
								EOH	

KLAZA

Hole: DDH-KL-12-114 **Date: August 18, 2012**

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
85.8	1665	1892	683	n/a	VEN	XL	PHC	3I	PY	30	3.008811	missed	Quartz vein with pyrite vein. See secondaries.
91.44	1660	1850	496.9	n/a	GRD	XL	PRO	2I			2.615263	missed	Weakly propyllitic granodiorite.
99.21	1655	1842	492.2	n/a	GRD	XL	PRO	2I			2.632086	missed	Weak propyllitic granodiorite with strong silica flooding.
							SIL	4I					
107.41	1655	1832	661.8	n/a	VEN	XL	XL		PY	60	3.738983	missed	Pyrite and chalcopyrite-rich quartz vein. See secondaries.
									CP	15			
111.73	1620	1870	655.4	n/a	GRD	XL	PRO	3I	PY	1	2.6216	missed	Moderate propyllitic with disseminated pyrite.
117.96	1618	1957	1253.9	n/a	VEN	XL			PY	20	3.69882	missed	Rich pyrite-chalcopyrite quartz vein (see secondary structures).
									CP	30			
129.04	1610	1830	558.4	n/a	GRD	XL	PHC	2I	PY	5	2.538182	missed	Weak phyllic granodiorite crosscut by two vuggy quartz veinlets.
148.16	1608	1842	584.9	n/a	GRD	XL	ARG	3I			2.499573	missed	Moderate argillic granodiorite.
													EOH

KLAZA

Hole: DDH-KL-12-114 **Date: August 18, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	3.00	3.00	0.86	28.7	N814718	1				All of batch 1 has poor or rubbly recovery.
3.00	4.57	1.57	0.62	39.5	N814719	1				
4.57	6.66	2.09	1.22	58.4	N814720	1				
6.66	8.84	2.18	1.39	63.8	N814721	1				
8.84	11.28	2.44	1.01	41.4	N814722	1				
11.28	12.44	1.16	0.57	49.1	N814723	1				
12.44	14.16	1.72	1.46	84.9	N814724	1				
14.16	15.81	1.65	1.65	100	N814725	1				
15.81	17.37	1.56	1.45	92.9	N814726	1				
					N814727	1				BLANK
17.37	20.05	2.68	1.82	67.9	N814728	1				
					N814729	1				KLAZA STD-2
20.05	21.07	1.02	0.92	90.2	N814730	1				
21.07	22.09	1.02	0.87	85.3	N814731	1				
22.09	24.05	1.96	1.61	82.1	N814732	1				
					N814733	1				COARSE REJECT DUPLICATE
24.05	26.14	2.09	1.54	73.7	N814734	1				
26.14	27.14	1.00	0.91	91	N814735	1				
27.14	28.14	1.00	0.63	63	N814736	1				
28.14	29.40	1.26	1.06	84.1	N814737	1				
29.40	30.40	1.00	0.83	83	N814738	1				
30.40	31.50	1.10	0.71	64.5	N814739	1				
31.50	32.61	1.11	0.89	80.2	N814740	1				
					N814741	1				KLAZA STD-2
32.61	33.61	1.00	0.94	94	N814742	1				
33.61	36.40	2.79	1.47	52.7	N814743	1				
36.40	37.64	1.24	0.81	65.3	N814744	1				
37.64	40.38	2.74	1.81	66.1	N814745	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
40.38	42.22	1.84	1.60	87	N814746	1				
					N814747	1				BLANK
42.22	43.41	1.19	0.76	63.9	N814748	1				
43.41	45.58	2.17	1.70	78.3	N814749	1				
45.58	46.68	1.10	0.93	84.5	N814750	1				
46.68	47.85	1.17	1.13	96.6	N814751	1				
47.85	49.03	1.18	1.10	93.2	N814752	1				
					N814753	1				QUARTER DUPLICATE
49.03	50.90	1.87	1.83	97.9	N813346	2				Sample tag number change due to loss prior to cutting.
50.90	52.49	1.59	1.59	100	N814755	2				
52.49	54.11	1.62	1.39	85.8	N814756	2				
					N814757	2				KLAZA STD-2
54.11	57.00	2.89	2.68	92.7	N814758	2				
57.00	58.53	1.53	1.44	94.1	N814759	2				
58.53	59.69	1.16	1.04	89.7	N814760	2				
59.69	62.00	2.31	2.22	96.1	N814761	2				
62.00	63.09	1.09	1.05	96.3	N814762	2				
63.09	64.12	1.03	0.93	90.3	N814763	2				
64.12	66.93	2.81	2.23	79.4	N814764	2				
66.93	68.08	1.15	1.13	98.3	N814765	2				
					N814766	2				BLANK
68.08	70.62	2.54	2.54	100	N814767	2				
70.62	72.32	1.70	1.46	85.9	N814768	2				
72.32	73.32	1.00	0.87	87	N814769	2				
73.32	75.29	1.97	1.88	95.4	N814770	2				
					N814771	2				KLAZA STD-3
75.29	78.33	3.04	3.04	100	N814772	2				
78.33	81.15	2.82	2.21	78.4	N814773	2				
81.15	82.15	1.00	1.00	100	N814774	2				
82.15	84.43	2.28	2.23	97.8	N814775	2				
84.43	85.47	1.04	1.00	96.2	N814776	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N814777	2				QUARTER DUPLICATE
85.47	86.48	1.01	1.00	99	N814778	2				
					N814779	2				BLANK
86.48	87.48	1.00	0.90	90	N814780	2				
87.48	88.93	1.45	1.39	95.9	N814781	2				
88.93	90.53	1.60	1.47	91.9	N814782	2				
90.53	92.17	1.64	1.58	96.3	N814783	2				
					N814784	2				COARSE REJECT DUPLICATE
92.17	94.35	2.18	2.12	97.2	N814785	2				
94.35	95.64	1.29	1.21	93.8	N814786	2				
95.64	96.67	1.03	1.00	97.1	N814787	2				
96.67	97.80	1.13	1.13	100	N814788	2				
97.80	100.01	2.21	2.19	99.1	N814789	2				
100.01	101.01	1.00	0.97	97	N814790	3				
101.01	103.10	2.09	2.00	95.7	N814791	3				
103.10	105.45	2.35	2.20	93.6	N814792	3				
105.45	106.64	1.19	1.19	100	N814793	3				
106.64	107.64	1.00	0.97	97	N814794	3				Rubble
					N814795	3				BLANK
107.64	109.48	1.84	1.62	88	N814796	3				
109.48	111.12	1.64	1.61	98.2	N814797	3				
111.12	112.75	1.63	1.62	99.4	N814798	3				
					N814799	3				QUARTER DUPLICATE
112.75	114.05	1.30	0.98	75.4	N814800	3				Rubble
114.05	115.72	1.67	1.64	98.2	N814801	3				
115.72	117.70	1.98	2.09	106	N814802	3				
117.70	119.22	1.52	1.52	100	N814803	3				
					N814804	3				BLANK
119.22	121.27	2.05	2.05	100	N814805	3				
121.27	123.04	1.77	1.77	100	N814806	3				
					N814807	3				KLAZA STD-2
123.04	124.05	1.01	1.00	99	N814808	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
124.05	125.14	1.09	1.08	99.1	N814809	3				
125.14	126.91	1.77	1.74	98.3	N814810	3				
					N814811	3				COARSE REJECT DUPLICATE
126.91	128.93	2.02	1.90	94.1	N814812	3				
128.93	130.05	1.12	1.12	100	N814813	3				
130.05	131.55	1.50	1.36	90.7	N814814	3				
131.55	132.98	1.43	1.15	80.4	N814815	3				
132.98	135.72	2.74	2.11	77	N814816	3				
135.72	137.67	1.95	1.93	99	N814817	3				
137.67	139.76	2.09	1.82	87.1	N814818	3				
139.76	141.45	1.69	1.62	95.9	N814819	3				
					N814820	3				KLAZA STD-2
141.45	142.82	1.37	1.26	92	N814821	3				
142.82	145.21	2.39	2.39	100	N814822	3				
145.21	146.91	1.70	1.70	100	N814823	3				
146.91	148.09	1.18	1.15	97.5	N814824	3				
148.09	150.50	2.41	2.16	89.6	N814825	3				
150.50	151.64	1.14	1.02	89.5	N814826	4				
151.64	154.04	2.40	2.36	98.3	N814827	4				
					N814828	4				KLAZA STD-3
154.04	155.90	1.86	1.86	100	N814829	4				
155.90	157.30	1.40	1.33	95	N814830	4				
157.30	159.31	2.01	1.99	99	N814831	4				
159.31	160.62	1.31	1.31	100	N814832	4				
160.62	162.82	2.20	2.16	98.2	N814833	4				
162.82	164.12	1.30	1.30	100	N814834	4				
164.12	166.03	1.91	1.86	97.4	N814835	4				
166.03	167.33	1.30	1.25	96.2	N814836	4				
					N814837	4				QUARTER DUPLICATE
167.33	168.66	1.33	1.33	100	N814838	4				
					N814839	4				BLANK
168.66	169.77	1.11	1.10	99.1	N814840	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
169.77	171.50	1.73	1.62	93.6	N814841	4				
171.50	172.82	1.32	1.22	92.4	N814842	4				
					N814843	4				COARSE REJECT DUPLICATE
172.82	175.87	3.05	2.89	94.8	N814844	4				
175.87	177.07	1.20	1.18	98.3	N814845	4				
177.07	178.27	1.20	1.14	95	N814846	4				
178.27	180.11	1.84	1.81	98.4	N814847	4				
					N814848	4				BLANK
180.11	181.11	1.00	0.84	84	N814849	4				Rubble
181.11	183.51	2.40	2.10	87.5	N814850	4				Rubble
183.51	185.85	2.34	1.64	70.1	N814851	4				Rubble
185.85	187.72	1.87	1.82	97.3	N814852	4				Rubble
187.72	189.42	1.70	1.66	97.6	N814853	4				Rubble
189.42	190.70	1.28	1.16	90.6	N814854	4				Rubble
190.70	191.73	1.03	1.03	100	N814855	4				
191.73	192.95	1.22	1.15	94.3	N814856	4				
					N814857	4				KLAZA STD-3
192.95	194.16	1.21	1.15	95	N814858	4				
194.16	197.21	3.05	2.93	96.1	N814859	4				EOH

KLAZA

Hole: DDH-KL-12-114 **Tech Name:** **Date: August 18, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.90	59	0.00	0		1	0S	5W	
1.52	4.57	3.05	0.66	22	0.00	0		1	0S	5W	
4.57	7.62	3.05	2.37	78	0.00	0		1	0S	5W	
7.62	8.84	1.22	0.44	36	0.00	0		1	0S	5W	
8.84	10.36	1.52	0.44	29	0.11	7		1	0S	3W	
10.36	11.28	0.92	0.53	58	0.00	0		1	0S	4W	
11.28	12.20	0.92	0.36	39	0.00	0		1	0S	4W	
12.20	14.33	2.13	1.82	85	0.47	22		1	0S	3W	
14.33	17.37	3.04	2.80	92	0.68	22		1	0S	4W	
17.37	20.42	3.05	2.36	77	0.95	31		1	0S	4W	
20.42	23.47	3.05	2.67	88	1.14	37		1	0S	4W	
23.47	26.52	3.05	2.49	82	0.58	19		1	0S	3W	
26.52	29.57	3.05	2.62	86	0.12	4		1	0S	4W	
29.57	32.61	3.04	2.64	87	0.10	3		1	0S	4W	
32.61	35.66	3.05	1.91	63	0.00	0		1	0S	4W	
35.66	38.71	3.05	2.10	69	0.00	0		1	0S	4W	
38.71	41.76	3.05	2.68	88	0.00	0		1	0S	4W	
41.76	44.81	3.05	2.25	74	0.00	0		1	0S	4W	
44.81	47.85	3.04	2.83	93	0.86	28		1	0S	3W	
47.85	50.90	3.05	2.84	93	0.33	11		2	3S	2W	
50.90	53.95	3.05	2.85	93	0.66	22		1	1S	3W	
53.95	57.00	3.05	2.82	92	1.10	36		1	1S	3W	
57.00	60.05	3.05	2.83	93	1.59	52		2	0S	4W	
60.05	63.09	3.04	2.88	95	1.80	59		2	1S	2W	
63.09	66.14	3.05	2.71	89	0.62	20		1	1S	4W	
66.14	69.19	3.05	2.92	96	0.99	32		1	0S	4W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
69.19	72.24	3.05	2.84	93	0.75	25		2	1S	4W	
72.24	75.29	3.05	2.83	93	1.36	45		2	1S	2W	
75.29	78.33	3.04	2.92	96	1.54	51		1	2S	4W	
78.33	81.38	3.05	2.58	85	0.80	26		1	0S	4W	
81.38	84.43	3.05	2.90	95	1.07	35		1	0S	4W	
84.43	87.48	3.05	2.96	97	1.44	47		1	1S	3W	
87.48	90.53	3.05	2.92	96	0.50	16		1	1S	4W	
90.53	93.57	3.04	2.98	98	1.19	39		1	1S	4W	
93.57	96.62	3.05	2.85	93	1.02	33		1	1S	4W	
96.62	99.67	3.05	2.92	96	1.01	33		2	0S	2W	
99.67	102.72	3.05	2.81	92	0.87	29		2	1S	1W	
102.72	105.77	3.05	2.88	94	0.44	14		1	1S	5W	
105.77	108.81	3.04	2.77	91	0.58	19		2	0S	3W	
108.81	111.86	3.05	2.96	97	2.15	70		2	3S	1W	
111.86	114.91	3.05	2.70	89	1.14	37		2	0S	1W	
114.91	117.96	3.05	3.00	98	1.82	60		2	4S	2W	
117.96	121.01	3.05	3.05	100	2.08	68		2	3S	1W	
121.01	124.05	3.04	2.84	93	1.91	63		2	3S	2W	
124.05	127.10	3.05	2.87	94	1.76	58		2	3S	3W	
127.10	130.15	3.05	2.92	96	1.43	47		2	1S	3W	
130.15	133.20	3.05	2.82	92	0.62	20		1	0S	4W	
133.20	136.25	3.05	2.75	90	0.47	15		1	0S	4W	
136.25	139.29	3.04	2.90	95	1.59	52		2	1S	3W	
139.29	142.34	3.05	2.89	95	1.18	39		1	0S	3W	
142.34	145.39	3.05	3.17	104	2.77	91		2	3S	1W	
145.39	148.44	3.05	2.95	97	2.31	76		2	3S	1W	
148.44	151.49	3.05	2.70	89	0.76	25		2	3S	2W	
151.49	154.53	3.04	2.94	97	2.03	67		2	3S	1W	
154.53	157.58	3.05	2.87	94	2.29	75		2	3S	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
157.58	160.62	3.04	2.93	96	1.96	64		2	4S	1W	
160.62	163.68	3.06	2.97	97	1.25	41		2	1S	1W	
163.68	166.73	3.05	2.90	95	0.80	26		2	3S	1W	
166.73	169.77	3.04	3.05	100	1.01	33		2	1S	1W	
169.77	172.82	3.05	2.94	96	1.99	65		2	3S	1W	
172.82	175.87	3.05	2.87	94	2.13	70		2	3S	1W	
175.87	178.92	3.05	2.94	96	2.66	87		2	3S	1W	
178.92	181.97	3.05	2.73	90	1.22	40		2	1S	2W	
181.97	185.01	3.04	2.81	92	1.13	37		2	3S	2W	
185.01	188.06	3.05	2.67	88	1.26	41		2	3S	1W	
188.06	191.11	3.05	2.84	93	1.82	60		2	3S	1W	
191.11	194.16	3.05	3.00	98	1.88	62		2	3S	2W	
194.16	197.21	3.05	2.82	92	2.43	80		2	3S	2W	
											EOH at 197.21 meters

KLAZA

Hole: DDH-KL-12-114 **Tech Name:** T. PRENTICE **Date:** Au **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52	-	-	-	-	-	-	9.14 m Casing
1.52	4.57	3.05	-	-	-	-	-	-	Oxidized rubble
4.57	7.62	3.05	-	-	-	-	-	-	Oxidized rubble
7.62	8.84	1.22	-	-	-	-	-	-	Oxidized rubble
8.84	10.36	1.52	-	-	-	-	-	-	Oxidized rubble
10.36	11.28	0.92	-	-	-	-	-	-	Oxidized rubble
11.28	12.20	0.92	-	-	-	-	-	-	Oxidized rubble
12.20	14.33	2.13	-	-	-	-	-	-	Oxidized rubble
14.33	17.37	3.04	-	-	-	-	-	-	Oxidized rubble
17.37	20.42	3.05	-	-	-	-	-	-	Oxidized rubble
20.42	23.47	3.05	65.00	0.12	0.00	2.00	3R	2W	
23.47	26.52	3.05	-	-	-	-	-	-	Random fractures
26.52	29.57	3.05	-	-	-	-	-	-	Random fractures
29.57	32.61	3.04	-	-	-	-	-	-	Random fractures
32.61	35.66	3.05	-	-	-	-	-	-	Random fractures
35.66	38.71	3.05	-	-	-	-	-	-	Random fractures
38.71	41.76	3.05	-	-	-	-	-	-	Random fractures
41.76	44.81	3.05	-	-	-	-	-	-	Random fractures
44.81	47.85	3.04	65.00	0.02	3.00	2.00	3R	3W	
47.85	50.90	3.05	40.00	0.12	0.00	2.00	2R	2W	
50.90	53.95	3.05							
53.95	57.00	3.05	65.00	0.31	0.00	1.00	2R	2W	
57.00	60.05	3.05	75.00	0.04	0.00	1.00	2R	3W	
60.05	63.09	3.04	65.00	0.10	0.00	1.00	2R	1W	
63.09	66.14	3.05	70.00	0.17	0.00	1.00	2R	1W	
66.14	69.19	3.05	62.00	0.26	0.00	1.00	2R	3W	
69.19	72.24	3.05	65.00	0.13	0.00	1.00	2R	2W	
72.24	75.29	3.05	50.00	0.70	0.00	1.00	2R	1W	

KLAZA

75.29	78.33	3.04							
78.33	81.38	3.05	50.00	0.48	4.00	1.00	2R	1W	
81.38	84.43	3.05	40.00	0.12	0.00	1.00	2R	1W	
84.43	87.48	3.05	52.00	0.17	0.00	1.00	2R	1W	
87.48	90.53	3.05	65.00	0.06	0.00	1.00	2R	1W	
90.53	93.57	3.04	70.00	1.38	0.00	1.00	2R	2W	
93.57	96.62	3.05							
96.62	99.67	3.05	37.00	1.20	0.00	1.00	2R	1W	
99.67	102.72	3.05	40.00	0.29	0.00	1.00	2R	1W	
102.72	105.77	3.05	77.00	0.13	0.00	1.00	2R	2W	
105.77	108.81	3.04							
108.81	111.86	3.05	4.00	0.23	0.00	1.00	2R	1W	
111.86	114.91	3.05	45.00	0.10	0.00	1.00	2R	1W	
114.91	117.96	3.05	55.00	0.09	0.00	1.00	2R	2W	
117.96	121.01	3.05	50.00	0.20	0.00	1.00	2R	1W	
121.01	124.05	3.04	80.00	0.11	0.00	1.00	2R	1W	
124.05	127.10	3.05							
127.10	130.15	3.05	70.00	0.11	0.00	1.00	2R	2W	
130.15	133.20	3.05	70.00	1.45	0.00	1.00	2R	3W	
133.20	136.25	3.05	60.00	0.17	0.00	1.00	2R	3W	
136.25	139.29	3.04	70.00	0.07	0.00	1.00	2R	3W	
139.29	142.34	3.05	65.00	0.08	0.00	2.00	3R	2W	
142.34	145.39	3.05	60.00	0.18	0.00	2.00	3R	2W	
145.39	148.44	3.05	65.00	0.08	0.00	2.00	3R	2W	
148.44	151.49	3.05	50.00	0.11	0.00	1.00	2R	2W	
151.49	154.53	3.04	45.00	0.13	0.00	1.00	2R	1W	
154.53	157.58	3.05	70.00	1.92	0.00	1.00	2R	1W	
157.58	160.62	3.04	6.00	0.15	0.00	2.00	3R	2W	
160.62	163.68	3.06							
163.68	166.73	3.05							
166.73	169.77	3.04	50.00	0.26	0.00	1.00	2R	1W	
169.77	172.82	3.05	35.00	0.40	0.00	2.00	3R	1W	
172.82	175.87	3.05	50.00	0.18	0.00	2.00	2R	1W	
175.87	178.92	3.05	45.00	0.80	0.00	2.00	3R	1W	
178.92	181.97	3.05	35.00	0.20	0.00	3.00	3R	1W	
181.97	185.01	3.04							random fractures, rubble
185.01	188.06	3.05	55.00	0.30	0.00	2.00	3R	1W	
188.06	191.11	3.05							random fractures

KLAZA

191.11	194.16	3.05	45.00	0.86	0.00	2.00	3R	1W	
194.16	197.21	3.05							random fractures
									EOH at 197.21 meters

KLAZA

Hole: DDH-KL-12-114 Date: August 18, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	n/a	OVB
2.00	n/a	OVB
3.00	n/a	OVB
4.00	n/a	OVB
5.00	n/a	OVB
6.00	n/a	OVB
7.00	n/a	OVB
8.00	n/a	OVB
9.00	n/a	OVB
10.00	10.70	
11.00	6.66	
12.00	6.35	
13.00	1.24	
14.00	11.30	
15.00	0.64	
16.00	0.36	
17.00	13.90	
18.00	8.54	
19.00	8.38	
20.00	17.90	
21.00	10.50	
22.00	13.20	
23.00	4.53	
24.00	0.31	
25.00	14.50	
26.00	0.93	
27.00	0.16	
28.00	0.18	
29.00	0.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.20	
31.00	0.43	
32.00	2.37	
33.00	0.31	
34.00	0.12	
35.00	0.18	
36.00	0.32	
37.00	0.43	
38.00	0.47	
39.00	0.56	
40.00	0.32	
41.00	0.14	
42.00	1.02	
43.00	0.23	
44.00	1.42	
45.00	0.09	
46.00	0.25	
47.00	0.76	
48.00	8.60	
49.00	1.88	
50.00	24.30	
51.00	9.46	
52.00	11.50	
53.00	4.48	
54.00	0.23	
55.00	7.66	
56.00	12.70	
57.00	9.09	
58.00	15.20	
59.00	8.83	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	15.90	
61.00	16.50	
62.00	7.74	
63.00	3.78	
64.00	1.18	
65.00	2.28	
66.00	6.55	
67.00	0.34	
68.00	0.36	
69.00	10.80	
70.00	0.54	
71.00	0.16	
72.00	4.20	
73.00	0.53	
74.00	13.60	
75.00	16.70	
76.00	14.80	
77.00	9.07	
78.00	0.67	
79.00	15.80	
80.00	8.60	
81.00	0.36	
82.00	0.31	
83.00	3.64	
84.00	15.00	
85.00	15.50	
86.00	0.27	
87.00	9.57	
88.00	12.50	
89.00	5.83	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	8.58	
91.00	15.30	
92.00	2.30	
93.00	11.00	
94.00	2.43	
95.00	0.10	
96.00	1.02	
97.00	7.42	
98.00	4.90	
99.00	9.09	
100.00	0.82	
101.00	0.64	
102.00	2.94	
103.00	4.62	
104.00	7.41	
105.00	2.47	
106.00	0.25	
107.00	0.14	
108.00	0.31	
109.00	17.80	
110.00	10.40	
111.00	0.76	
112.00	18.10	
113.00	0.87	
114.00	6.40	
115.00	16.40	
116.00	1.92	
117.00	1.83	
118.00	2.12	
119.00	1.75	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	2.89	
121.00	2.63	
122.00	2.47	
123.00	16.90	
124.00	6.44	
125.00	10.20	
126.00	3.09	
127.00	2.21	
128.00	1.59	
129.00	2.25	
130.00	0.93	
131.00	1.61	
132.00	0.98	
133.00	15.00	
134.00	3.56	
135.00	15.50	
136.00	1.07	
137.00	2.23	
138.00	1.81	
139.00	0.58	
140.00	0.86	
141.00	1.81	
142.00	0.87	
143.00	1.13	
144.00	3.73	
145.00	1.15	
146.00	1.57	
147.00	1.44	
148.00	1.48	
149.00	0.93	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	2.39	
151.00	2.72	
152.00	14.90	
153.00	3.58	
154.00	20.80	
155.00	5.08	
156.00	0.20	
157.00	1.28	
158.00	0.80	
159.00	1.66	
160.00	15.30	
161.00	22.30	
162.00	10.90	
163.00	3.03	
164.00	1.11	
165.00	6.69	
166.00	2.19	
167.00	23.40	
168.00	3.49	
169.00	0.87	
170.00	0.93	
171.00	0.23	
172.00	0.29	
173.00	0.23	
174.00	0.27	
175.00	0.34	
176.00	0.36	
177.00	4.61	
178.00	0.31	
179.00	1.13	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.25	
181.00	0.51	
182.00	0.56	
183.00	0.98	
184.00	0.60	
185.00	0.40	
186.00	0.31	
187.00	1.13	
188.00	0.34	
189.00	0.62	
190.00	0.71	
191.00	0.27	
192.00	0.29	
193.00	12.50	
194.00	19.80	
195.00	1.51	
196.00	17.60	
197.00	3.23	
		EOH at 197.21 meters

KLAZA

Hole: DDH-KL-12-114 **Date:** August 18, 2012

Box #	From (m)	To (m)
1	0.00	7.62
2	7.62	14.73
3	14.73	19.92
4	19.92	24.28
5	24.28	28.84
6	28.84	32.61
7	32.61	38.44
8	38.44	43.83
9	43.83	47.57
10	47.57	52.43
11	52.43	57.66
12	57.66	63.09
13	63.09	68.38
14	68.38	73.82
15	73.82	79.15
16	79.15	84.84
17	84.84	90.26
18	90.26	95.64
19	95.64	100.65
20	100.65	105.54
21	105.54	110.78
22	110.78	116.19
23	116.19	121.44
24	121.44	126.91
25	126.91	132.32
26	132.32	137.67
27	137.67	142.73
28	142.73	148.16
29	148.16	154.04

KLAZA

30	154.04	159.74
31	159.74	165.16
32	165.16	170.16
33	170.16	175.55
34	175.55	180.65
35	180.65	185.60
36	185.60	191.22
37	191.22	196.61
38	196.61	197.21
		EOH at 197.21 meters

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382340.23	6890627.1	1321.42	279.5

ZONE: Western Klaza

SECTION:

HOLE: KL-DDH-12-115

CLAIM: YD09216

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 17-19th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	44.94	44.94	GRD	Unaltered, oxidized granodiorite.
44.94	76.21	31.27	GRD	Weakly propyllitic-unaltered granodiorite.
76.21	82.79	6.58	GRD	Moderate argillic granodiorite with patchy propyllitic and potassic alteration.
82.79	93.60	10.81	FEL	Quartz feldspar porphyry dyke.
93.60	126.89	33.29	GRD	Weak propyllitic granodiorite with patches of argillic-phyllic alteration.
126.89	127.64	0.75	FEL	Quartz feldspar porphyry dyke with 5% biotite crystals.
127.64	178.21	50.57	GRD	Weak propyllitic granodiorite with patches of argillic-phyllic alteration.
178.21	181.97	3.76	GRD	Weak argillic granodiorite crosscut by chlorite-rich and hematite stained veins.
181.97	198.58	16.61	GRD	Moderate propyllitic granodiorite with patchy argillic alteration.
198.58	204.54	5.96	GRD	Unaltered granodiorite with patchy propyllitic.
204.54	207.89	3.35	GRD	Moderate argillic granodiorite.
207.89	231.77	23.88	GRD	Weak propyllitic granodiorite containing a very stongly mineralized vein zone.
231.77	233.24	1.47	FEL	Quartz feldspar porphyry dyke.
233.24	279.5	46.26	GRD	Unaltered granodiorite with patchy weak potassic alteration.
				EOH

SAMPLES

Numbers: N814987 - N815000; N812801 - N812858; N814754; N812859 - N812969

Total: 184

Batch: 115-1 to 115-6

Date Sent:

Certificate:

COMMENTS

EOH @ 279.50m.

KLAZA

Hole: KL-DDH-12-115 **Logger Name:** Teresa Cruz **Date: August 22, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	44.94	44.94				mKgW	GRD	MG	MD	GY	XL	3I		ARG	2I			LI	8.0		Unaltered granodiorite with moderate oxidation. Oxidation is fracture limited to >70.5m depth, and pervasive to approximately 13m depth. Oxidation is strongest in argillic patches, and is pervasive in argillic until approximately 52m. Crosscut by calcite-quartz veins/veinlets with varying degrees of oxide staining. Several veins host silver crystalline hematite and pyrite.
										BN				PHC	1I			GO	3.0		
										OR											
			0.00	13.59	13.59	mKgW	GRD	MG	MD	WH	XL	3I		ARG	3I			LI	12.0		Argillic granodiorite with pervasive oxide-staining and short sections of crumbling. Crosscut by quartz-calcite veinlets with oxide-staining and hosting hematite and pyrite.
										BN											
										OR											
			18.55	22.10	3.55	mKgW	GRD	MG	MD	WH	XL	3I		ARG	3I			LI	10.0		Argillic granodiorite with pervasive oxide-staining and short sections of crumbling. Crosscut by quartz-calcite veinlets with oxide-staining and hosting hematite and pyrite.
										OR											
			24.79	25.79	1.00	mKgW	GRD	MG	MD	WH	XL	3I		ARG	3I			LI	10.0		Argillic granodiorite with pervasive oxide-staining and short sections of crumbling. Crosscut by quartz-calcite veinlets with oxide-staining and hosting hematite and pyrite.
										OR											
			32.67	34.64	1.97	mKgW	GRD	MG	MD	WH	XL	3I		ARG	3I			LI	10.0		Argillic granodiorite with pervasive oxidation and 3cm gouge interval. Crosscut by thick quartz vein and aplite dyke.
										OR											
			37.81	38.40	0.59	mKgW	GRD	MG	MD	WH	XL	3I		ARG	3I			LI	8.0		Argillic granodiorite with pervasive oxidation and 3cm gouge interval. Crosscut by thick quartz vein.
									LT	OR											
			40.88	42.28	1.40	mKgW	GRD	MG	MD	GY	XL	2I		ARG	2I			LI	6.0		Weak argillic with pervasive oxidation.
										OR											
			43.90	44.57	0.67	mKgW	GRD	MG	MD	WH	XL	2I		ARG	3I			LI	6.0		Moderate argillic with pervasive oxidation.
									LT	OR											
44.94	76.21	31.27				mKgW	GRD	MG	MD	GY	XL	2I	2I	PRO	2I						Weak propyllitic-unaltered granodiorite. Propyllitic dominates, and is a product of vein alteration envelopes. Patchy argillic and phyllic envelopes on crosscutting quartz-carbonate veinlets. Patchy silica flooding produces occasional quartz eyes.
										GN				ARG	2I						
										BN				PHC	2I						
			50.90	52.55	1.65	mKgW	GRD	MG	LT	GN	XL	3I		ARG	2I						Weak argillic overprinted by phyllic with pervasive oxidation staining. Crosscut by two thick oxidized quartz veins.
										OR				PHC	2I						
			52.55	54.63	2.08	mKgW	GRD	MG	MD	GY	XL		2I								Weakly silicified unaltered granodiorite.
											FL										
			56.20	56.76	0.56	mKgW	GRD	MG	LT	WH	XL			ARG	3I						Moderately argillic granodiorite.
										PK											
			57.06	58.80	1.74	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Overprinting argillic and phyllic alterations with crosscutting quartz veins.
										PK				PHC	2I						
			60.93	64.31	3.38	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Overprinting argillic and phyllic alterations, crosscut by grey-smoky quartz veins and veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
									MD	PK	RB			PHC	2I						
			69.43	70.42	0.99	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Mottled green-pink due to overprinting phyllic-argillic alterations. Crosscut by white-grey quartz veinlets.
										PK				PHC	2I						
			70.42	76.21	5.79	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic with weak potassic alteration throughout. Crosscut by occasional quartz-carbonate stringers.
										PK				POT	2I						
76.21	82.79	6.58				mKgW	GRD	MG	MD	GN	RB			ARG	3I						Dominantly argillic granodiorite, with patchy propyllitic and potassic, giving a mottled green-pink colour. Weakly brecciated by thick quartz veins between 81.00-81.38m. Leads into a poorly mineralized dyke selvedge with strong chalcedony presence.
									LT	PK				PRO	2I						
														POT	2I						
82.79	93.60	10.81				LKqP	FEL	FG	LT	GY	RB			SER	2I						Light grey quartz feldspar porphyry dyke with sericite-clay altered feldspar-quartz phenocrysts 0.1-2mm in diameter. Crosscut by calcite veinlets.
											PO										
93.60	96.03	2.43				mKgW	GRD	MG	MD	GN	XL			PRO	2I			HE	5.0		Dominantly argillic granodiorite, with patchy propyllitic and potassic, giving a mottled green-pink colour. Crosscut by white calcite veinlets with significant red hematite staining.
									LT	PK				CLY	2I						
96.03	99.09	3.06				mKgW	GRD	MG	MD	GN	XL		2I	PRO	2I						Weak propyllitic granodiorite with silica flooding.
										PK											
99.09	102.91	3.82				mKgW	GRD	MG	MD	GN	XL			PRO	2I	1.00					Weak propyllitic, argillic, and phyllic granodiorite with weak white clay alteration throughout crosscut by frequent mineralized quartz veins and veinlets.
									LT	PK	PA			ARG	2I						
														PHC	2I						
														CLY	2I						
102.91	126.89	23.98				mKgW	GRD	MG	MD	GN	XL		1I	PRO	1I						Very weakly propyllitic granodiorite with consistent pink potassic alteration, and weak silica flooding and quartz eye development. Patches of phyllic-argillic around veins.
										PK	PA			POT	2I						
			104.35	106.78	2.43	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderate argillic with patchy phyllic vein envelopes, crosscut by quartz veinlets and a thick dark grey siliceous breccia.
									LT	PK	PA			PHC	2I						
			112.82	114.25	1.43	mKgW	GRD	MG	MD	GN	XL		2I	ARG	2I						Patchy argillic-phyllic vein envelopes that overlap. Crosscut by a black siliceous breccia and moderately gouged quartz veinlets. Pervasive silica flooding leading to quartz eyes.
										PK	GO			PHC	2I						
											PA			POT	2I						
			115.05	116.05	1.00	mKgW	GRD	MG	MD	GN	XL		4I	PRO	3I						Moderate propyllitic granodiorite with strong silica flooding that destroys original textures.
									DK	PK	PA										
			116.05	126.89	10.84	mKgW	GRD	MG	MD	GN	XL		2I	ARG	3I						Patchy argillic-phyllic vein envelopes that overlap. Pervasive silica flooding leading to quartz eyes.
										PK	GO			PHC	3I						
											PA			POT	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
126.89	127.64	0.75				LKqP	FEL	FG	LT	GY	PO			SER	2I			BI	5.0		Narrow quartz feldspar porphyry dyke with 5% black biotite crystals, and 10% large sericite altered quartz-feldspar phenocrysts. Chill margins on both borders are 4-5cm thick and green-tinted.
127.64	130.51	2.87				mKgW	GRD	MG	MD	GN	XL			PRO	2I						Mottled green-pink due to overprinting propyllitic-potassic, with patchy argillic and phyllic from crosscutting quartz veins. Mineralized dyke selvedge (127.64-127.90m) with richly mineralized quartz veins. Also crosscut by a black siliceous breccia.
									LT	PK	PA			POT	1I						
														ARG	2I						
						mKgW	GRD	MG	MD	GN	XL			PHC	1I						Weak-moderate propyllitic granodiorite crosscut by quartz veins with phyllic vein envelopes that grade out into argillic.
130.51	178.21	47.70								PK	PA			PRO	2I						
														ARG	2I						
														PHC	1I						
			131.32	132.14	0.82	mKgW	GRD	MG	LT	GN	XL		2I	ARG	3I						Moderate argillic granodiorite, with patchy silica flooding that obliterates textures.
										PK	PA										
			134.85	136.39	1.54	mKgW	GRD	MG	LT	PK	XL			ARG	4I						Strong argillic granodiorite due to outward gradation of phyllic-argillic veinlet envelopes.
														PHC	2I						
			140.16	141.05	0.89	mKgW	GRD	MG	DK	GN	XL			HEM	3I						Moderate red hematite alteration overprinting propyllitic, producing green-pink mottled colouration.
										RD				PRO	2I						
			142.78	148.08	5.30	mKgW	GRD	MG	MD	GN	XL		3I	PHC	3I						Moderate phyllic overprinting weak propyllitic with moderate silica flooding. Crosscut by quartz veins, black siliceous breccia, and aplite dykes.
									LT	GY	FL			PRO	2I						
			152.53	153.87	1.34	mKgW	GRD	MG	MD	GN	XL			ARG	2I						Weak argillic overprinted by phyllic, crosscut by many (approximately 20) grey-white quartz veinlets.
									LT					PHC	2I						
			164.30	166.68	2.38	mKgW	GRD	MG	MD	GN	XL			ARG	2I						Weak argillic overprinted by phyllic, crosscut by several (approximately 10) mineralized quartz veinlets.
									LT					PHC	2I						
			171.15	174.38	3.23	mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderate argillic overprinted by weak phyllic, crosscut by mineralized quartz veins.
									LT	GY				PHC	2I						
			175.16	176.81	1.65	mKgW	GRD	MG	MD	GN	XL			ARG	2I						Weak argillic overprinted by weak phyllic, crosscut by mineralized quartz veins.
									LT	GY				PHC	2I						
178.21	181.97	3.76				mKgW	GRD	MG	MD	GN	XL			ARG	2I						Dominantly argillic granodiorite with patchy propyllitic and strongly red hematite-stained veins. Crosscut by frequent low angle green chlorite veinlets. Hosts a short vein zone of quartz veins showing strong epithermal textures.
									LT	RD	PA			PRO	2I						
														HEM	2I						
181.97	184.85	2.88				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite with weak-moderate gouge and clay alteration. Crosscut by a narrow dyke.
									LT		FT			CLY	3I						
184.85	185.95	1.10				mKgW	GRD	MG	MD	GN	XL			ARG	2I						Alternating patches of propyllitic and argillic granodiorite, crosscut by quartz-chlorite veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
									LT	PK	PA			PRO	2I						
185.95	198.58	12.63				mKgW	GRD	MG	MD	GN	XL			PRO	2I						Weakly propyllitic granodiorite crosscut by quartz veinlets and patches of argillic.
										PK	PA			ARG	2I						
			192.96	194.51	1.55	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite with crosscutting white-grey quartz veinlets with phyllic envelopes.
										PK											
198.58	204.54	5.96				mKgW	GRD	MG	MD	GN	XL			ARG	2I						Unaltered granodiorite with patchy propyllitic, and vein envelopes that grade out into argillic with increasing distance from the vein. Crosscut by quartz veinlets.
										GY	PA			PRO	2I						
														PHC	2I						
204.54	207.89	3.35				mKgW	GRD	MG	MD	GN	XL			ARG	3I						Moderate argillic crosscut by quartz veinlets/veins with phyllic envelopes.
										PK	PA			PHC	2I						
207.89	231.77	23.88				mKgW	GRD	MG	MD	GN	XL		3I	PRO	2I						Weak propyllitic granodiorite with varying silica flooding throughout. Thick argillic-phyllic vein envelopes on several very high grade veins.
										GY	FL										
			213.93	215.90	1.97	mKgW	GRD	MG	LT	GN				PHC	3I	5.00					Thick phyllic-argillic envelope around 2 prominent vein zones. One vein is 30cm thick, with strong arsenopyrite mineralization.
										PK				ARG	3I						
			217.24	219.48	2.24	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic-phyllic vein envelopes, crosscut by white quartz-carbonate veinlets.
										PK				PHC	2I						
231.77	233.24	1.47				LKqP	FEL	FG	LT	TN	PO			SER	1I						Light tan quartz feldspar porphyry dyke with 8% sericite altered quartz and feldspar phenocrysts. Fracture hosted pyrite in one fracture.
233.24	279.50	46.26				mKgW	GRD	MG	MD	GN	XL			POT	2I						Unaltered granodiorite with weak potassic alteration. Short phyllic-argillic interval at the dyke selvedge.
									LT	GY											
			239.88	246.34	6.46	mKgW	GRD	MG	MD	GN	XL			ARG	4I						Dominantly argillic granodiorite crosscut by quartz veins with phyllic envelopes.
									LT	PK				PHC	2I						
			246.34	251.02	4.68	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic overprinting weak argillic, with a high chlorite content, making the granodiorite unusually green.
														ARG	2I						
			251.02	272.33	21.31	mKgW	GRD	MG	LT	GY	XL		3I								Unaltered granodiorite with moderate silica flooding.
										PK	FL										
			272.33	276.12	3.79	mKgW	GRD	MG	MD	GN	XL			PRO	3I	1.00					Moderate propyllitic granodiorite with phyllic vein envelopes. High chlorite content, giving granodiorite a strong green colouration.
														PHC	2I						
																					EOH @ 279.50m

KLAZA

Hole: KL-DDH-12-115 Logger Name: Teresa Cruz Date: August 22, 2012

Depth (m)		DESCRIPTION
82.79		Sharp clay altered, undulatory 75 degree contact between Hanging Wall (HW) propyllitic granodiorite and Foot Wall (FW) quartz feldspar porphyry dyke with 4cm chilled margin.
93.60		Undulatory, slightly blended 90 degree contact between HW quartz feldspar porphyry dyke and FW weakly clay altered propyllitic granodiorite.
126.89		Sharp, clay altered 75 degree contact between HW phyllic granodiorite with mineralized dyke selvedge and FW quartz feldspar porphyry dyke with green chill margin approximately 5cm thick.
127.64		Sharp , clay altered 70 degree contact between HW quartz feldspar porphyry dyke with green 4cm chill margin and FW granodiorite with thick quartz veined dyke selvedge.
231.77		60 degree undulatory and sharp contact between HW propyllitic granodiorite and FW quartz feldspar porphyry dye with a 4cm chilled margin showing flow
233.24		Sharp, undulatory 45 degree contact between HW quartz feldspar porphyry dyke with 2cm chilled margin and FW propyllitic granodiorite with clay alteration.
		EOH

KLAZA

Hole: KL-DDH-12-115 **Logger Name:** Teresa Cruz **Date:** August 22, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	6.28	6.42	80.00		2.00	LI	60.00	Two vuggy-banded heavily stained quartz veins.	
VN	7.83	7.91	75.00			LI	15.00	Banded grey translucent quartz vein with moderate oxide staining and limonite growth. Crosscut by a white massive calcite veinlet.	
VN	10.76	10.78	60.00					Massive grey-brown oxide stained quartz veinlet.	
VT	11.64	11.65	90.00					Massive translucent brown stained quartz veinlet.	
FT	12.33	12.53	70.00					Friable fault zone.	
VN	12.57	12.58	75.00			PY	5.00	White-brown banded-vuggy quartz-calcite vein, with heavy oxide staining. Hosts disseminated pyrite.	
VT	13.26	13.27	20.00			PY	3.00	Vuggy-pitted undulatory banded massive grey-brown oxide stained quartz veinlet. Hosts disseminated pyrite.	
VT	13.61	13.62	90.00			PY	6.00	Grey quartz veinlet hosting massive red-silver hematite and elongate blebs of pyrite. Strong oxide staining.	
						HE	80.00		
VT	14.57	14.62	75.00		2.00			Banded white-grey quartz veinlets with heavy oxide staining.	
VT	15.90	15.91	65.00			PY	15.00	Dark grey massive quartz veinlet hosting elongate blebs of pyrite and hematite.	
						HE	15.00		
DY	19.53	19.55	75.00					Heavily oxide stained brown-yellow-pink aplite dyke.	
DY	19.66	19.88	80.00					Heavily oxide stained brown-yellow-pink aplite dyke crosscut by two vuggy grey quartz veinlets.	
VN	20.87	20.88	80.00					White-orange massive quartz vein.	
VN	21.49	21.54	60.00					Feathery, discontinuous milky quartz vein.	
GO	23.83	23.90	75.00			LI	20.00	Moderately gouged and oxide stained argillic granodiorite.	
VT	27.67	29.83	70.00		2.00	PY	6.00	Two white quartz-calcite veinlets with dark green borders and central axis. Hosts blebby pyrite and hematite.	
						HE	3.00		
VT	28.66	28.69	80.00		3.00			Three massive white-brown quartz veinlets stained by oxide.	
VN	30.73	30.75	80.00					Vuggy brown-orange oxide stained quartz vein with calcite filled vugs.	
VN	32.94	32.97	80.00			PY	3.00	Weakly banded milky-white semitranslucent quartz vein, with disseminated pyrite and weak oxide staining.	
VN	32.99	33.11	90.00					Weakly gouged and moderately oxide stained throughout the brown quartz vein.	
GO	33.38	33.41	90.00					Strongly gouged quartz vein with orange oxide staining.	
DY	33.41	33.64	10.00					2cm thick pink-orange aplite dyke.	
VT	34.66	34.67	80.00			PY	5.00	White opaque quartz veinlet hosting blebby pyrite.	
FT	35.83	35.97	30.00					Rubbly fault zone.	
VT	36.73	36.74	45.00			PY	15.00	Banded white-grey semitranslucent quartz veinlet hosting elongate pyrite blebs along band contacts.	
VN	38.18	38.21	70.00					White banded-crustiform chalcedony vein.	
VN	39.03	39.04	65.00			PY	10.00	1cm coarse crystalline grey translucent quartz vein with interstitial white calcite. One large calcite bleb hosts ghost bladed pyrite. Hosts interstitial disseminated-blebby pyrite, blackjack sphalerite, galena, and arsenopyrite.	
						SP	6.00		
						GN	6.00		
						AS	2.00		
VT	41.21	41.22	65.00					Grey-white massive quartz veinlet.	
VN	43.37	43.38	75.00			PY	5.00	Grey semitranslucent quartz vein with massive silver-blue hematite, with some radiating crystals and blebby pyrite.	x
						HE	70.00		
VT	44.42	44.45	80.00		2.00	PY	1.00	Banded white-grey quartz veinlets with disseminated pyrite.	
VT	46.22	46.23	55.00			PY	3.00	Dark grey-white semitranslucent quartz veinlet with disseminated pyrite.	
VT	48.06	48.07	50.00			PY	15.00	Banded white quartz veinlet with blebby pyrite.	
BX	51.64	51.70	80.00			PY	8.00	White calcite and gouge brecciate a massive-banded grey quartz-chalcedony vein, hosting disseminated pyrite.	
VT	51.70	51.86	70.00		3.00	PY	10.00	Three grey massive semitranslucent quartz veinlets, some of white are moderate clay altered. The phyllic envelope hosts disseminated pyrite.	
VN	51.86	51.88	75.00			PY	3.00	White-milky vuggy-crustiform chalcedony-carbonate vein.	
VT	54.95	56.09	55.00		3.00			Three white weakly banded quartz veinlets with weak oxide staining.	
VT	56.24	56.25	50.00					Grey-white thinly banded quartz veinlet.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	57.10	57.13	60.00					Banded white-cream quartz vein with large subangular clasts of granodiorite.	
VT	57.65	57.71	90.00		3.00	PY	3.00	Three white-grey thinly banded quartz veinlets with disseminated pyrite.	
VT	58.66	58.67	45.00			PY	6.00	White-grey thinly banded quartz veinlet with disseminated pyrite.	
DY	60.41	60.47	65.00					Pink fine grained aplite dyke.	
VT	61.37	61.50	70.00		4.00	PY	8.00	Four thin, twisting smoky veinlets with disseminated pyrite.	
DY	63.06	63.08	80.00					Pink aplite dyke.	
VT	63.45	64.03	35.00		3.00	PY	4.00	Three weakly banded milky-smoky quartz veinlets with undulatory borders.	
DY	65.32	65.40	70.00		2.00			Two pink aplite dykes, 1.5cm and 3mm thick.	
VT	65.65	66.05	35.00		2.00			White-cream banded chalcedony veinlets.	
VT	66.48	66.52	45.00		2.00			White-cream banded chalcedony veinlets.	
VT	69.73	70.11	65.00		3.00	PY	3.00	Three grey-white thin, undulatory banded quartz veinlets hosting disseminated pyrite.	
VT	75.55	75.56	90.00					Weakly banded white semitranslucent quartz veinlet.	
GO	77.70	77.80	30.00					Weakly gouged propyllitic granodiorite.	
VN	77.80	77.89	30.00			PY	10.00	Thick smoky quartz vein with thin discontinuous bands/lenses of white quartz pyrite is hosted parallel to band borders.	
VT	79.96	79.97	75.00			PY	8.00	Undulatory, vuggy-crustiform white quartz-chalcedony vein hosting disseminated-blebby pyrite and disseminated arsenopyrite adjacent to larger pyrite blebs.	
						AS	3.00		
VN	80.80	80.84	60.00			PY	10.00	Undulating, moderately clay altered smoky-grey quartz vein hosting disseminated pyrite.	
VN	80.90	80.98	60.00			PY	10.00	Opaque massive-comb grey-white quartz vein hosting disseminated-blebby pyrite, galena, and short needles of arsenopyrite. Vein is cracked, with significant clay alteration on cracks.	
						GN	4.00		
						AS	2.00		
VN	80.98	81.05	20.00			PY	20.00	Low angle quartz vein crosscut by previous quartz vein. Translucent grey-smoky massive quartz vein with milky quartz lenses. Hosts blebby pyrite and occasional short needles of arsenopyrite.	
						AS	2.00		
VN	81.24	81.30	40.00			PY	8.00	Grey-white semitranslucent quartz vein that brecciates propyllitic-phyllic granodiorite and is cracked with clay alteration following the cracks. Hosts blebby-disseminated pyrite.	
VT	81.44	82.33	70.00		15.00	PY	5.00	Fifteen white banded quartz veinlets with dark green chlorite borders. Hosts disseminated pyrite.	
VT	93.60	94.70	65.00		16.00	PY	5.00	White-cream quartz veinlets with red hematite staining, hosting disseminated pyrite.	
						HE	10.00		
VT	99.22	99.29	65.00		4.00	PY	8.00	Four white semitranslucent quartz veinlets hosting disseminated-blebby pyrite and chalcopyrite.	
						CP	8.00		
VN	99.58	99.62	80.00			PY	30.00	White-grey weakly banded quartz vein hosting blebby-massive pyrite.	
VN	99.74	99.76	90.00			PY	10.00	Crustiform-thinly banded smoky-grey-white opaque quartz vein with disseminated pyrite.	
VN	100.12	100.16	60.00			PY	15.00	White semitranslucent massive-comb quartz vein with indistinct borders, crosscut by milky-white quartz veinlet with central smoky quartz stringers. Hosts blebby-disseminated pyrite, discontinuous pyrite stringers, blebby-disseminated zoned honey brown sphalerite, disseminated galena, and disseminated-blebby arsenopyrite.	
						SP	3.00		
						GN	2.00		
						AS	6.00		
VN	100.29	100.31	50.00			PY	20.00	Undulatory white-grey semitranslucent quartz vein with indistinct borders, and hosts discontinuous pyrite stringers and disseminated arsenopyrite.	
						AS	8.00		
VT	100.43	100.47	70.00		2.00	PY	15.00	White-cream coarse grained quartz veinlets with interstitial blebby pyrite, honey brown sphalerite, and arsenopyrite.	
						SP	3.00		
						AS	10.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	100.54	100.56	90.00			PY	25.00	Smoky-grey weakly banded semitranslucent quartz vein hosting discontinuous pyrite arsenopyrite stringers, and disseminated-blebby pyrite and arsenopyrite throughout.	
						AS	15.00		
GO	100.82	100.90	90.00			PY	5.00	Weakly gouged phyllic granodiorite with two crosscutting white-grey sulphide-hosting quartz veinlets.	
VT	100.99	101.23	50.00		4.00	PY	8.00	Four grey-white vuggy thinly banded quartz veinlets hosting disseminated pyrite, with weak clay alteration.	
VT	101.75	101.84	70.00		3.00			Three white-milky comb-vuggy quartz veinlets.	
VT	102.19	102.20	45.00			PY	10.00	White vuggy quartz veinlet hosting disseminated-blebby pyrite and black jack sphalerite.	
						SP	8.00		
VN	102.40	102.42	80.00		2.00	PY	15.00	Two white quartz veinlets with indistinct borders hosting disseminated-blebby pyrite.	
DY	103.21	103.23	50.00					Pink aplite dyke	
VN	104.50	104.52	40.00					Dark green chlorite vein.	
VT	104.97	105.15	60.00		2.00	PY	3.00	Two weakly banded grey semitranslucent quartz veinlets with disseminated pyrite.	
VT	105.53	105.63	55.00		2.00	PY	2.00	Two cream massive-banded-vuggy quartz veinlets with disseminated pyrite.	
BX	106.08	106.25	90.00			PY	30.00	Thick dark grey-black massive siliceous breccia with large (up to 5cm) subangular granodiorite clasts. Matrix has a high concentration of fine-grained pyrite and sulphides throughout.	
GO	106.27	106.38	90.00			PY	8.00	Weakly gouged quartz veinlets with disseminated pyrite.	
VT	106.47	106.48	70.00			PY	6.00	White crustiform-banded chalcedony veinlet with a pair of symmetrical smoky quartz bands. Hosts disseminated-blebby pyrite.	
GO	110.86	110.97	30.00					Moderate-weakly gouged propyllitic-potassic granodiorite.	
VT	112.95	112.96	90.00			PY	10.00	Grey semitranslucent quartz veinlet with disseminated pyrite.	
BX	113.10	113.21	70.00			PY	10.00	Dark grey siliceous breccia hosting subrounded 3-4cm clasts of granodiorite, feldspar laths, and disseminated pyrite.	
GO	113.78	114.08	35.00			PY	5.00	Weak-moderately gouged phyllic granodiorite with disseminated pyrite.	
VN	116.11	116.19	80.00			PY	15.00	White-cream-smoky banded-crustiform-cockade quartz vein with central 1cm of dark grey gouge. Hosts disseminated-blebby pyrite.	
BX	116.29	116.30	80.00			PY	20.00	Black quartz breccia (0.7cm thick) with angular clasts of granodiorite and disseminated pyrite.	
VT	118.42	118.64	60.00		3.00	HE	30.00	White quartz veinlets with a central stringer of red hematite.	
GO	118.89	119.24	80.00			PY	8.00	Weak-moderately gouged granodiorite crosscut by grey quartz veinlets with disseminated pyrite.	
VT	119.77	119.78	90.00			PY	6.00	White vuggy-comb quartz veinlet with disseminated pyrite.	
VT	119.88	119.89	85.00			PY	10.00	White semitranslucent weakly banded quartz veinlet with blebby pyrite with red hematite borders.	
						HE	8.00		
VT	120.12	120.13	80.00			PY	2.00	White-grey weakly banded quartz veinlet with disseminated pyrite.	
VT	120.39	120.52	80.00		2.00	PY	2.00	White massive quartz veinlets with disseminated pyrite.	
VN	120.81	120.24	75.00					White-cream crackled quartz vein.	
VN	120.90	120.92	90.00			PY	15.00	White-grey semitranslucent banded-comb quartz vein with blebby pyrite along its central axis.	
VT	124.54	126.86	75.00		5.00			Five white-cream banded-vuggy quartz-chalcedony veinlets.	
VN	124.86	124.91	60.00			PY	3.00	White-cream banded-vuggy quartz-chalcedony vein with phyllic granodiorite clasts, hosting disseminated-blebby pyrite and sphalerite.	
						SP	5.00		
VN	125.27	125.30	20.00					White-green quartz-chlorite clay altered vein.	
VT	126.17	126.18	30.00			PY	5.00	Grey semitranslucent quartz veinlet with disseminated pyrite.	
VN	126.24	126.26	65.00			PY	10.00	White-grey crustiform quartz vein with vugs filled by clear white quartz. Hosts disseminated-blebby pyrite and one pyrite-replaced clast.	
VN	126.63	126.66	80.00			PY	10.00	Dark grey massive-clay altered quartz vein hosting disseminated pyrite.	
VN	126.80	126.89	80.00			PY	15.00	Thick quartz vein at the dyke selvedge: weakly banded grey-smoky semitranslucent quartz, hosting long granodiorite clasts, white quartz eyes, and disseminated-blebby pyrite, blebby honey brown sphalerite, and disseminated arsenopyrite. Arsenopyrite is strongest near pyrite and sphalerite blebs.	
						SP	10.00		
						AS	8.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	127.61	127.84	75.00			PY	8.00	Thick quartz vein at the dyke selvedge: dominantly opaque medium-dark grey quartz with clasts of phyllic granodiorite. Crosscut by white calcite veinlets and white crustiform quartz veinlets. Hosts blebby-disseminated pyrite, honey brown sphalerite and arsenopyrite.	
						SP	6.00		
						AS	6.00		
VN	127.93	127.95	80.00			PY	15.00	White semitranslucent banded-comb quartz vein hosting disseminated pyrite and disseminated-acicular arsenopyrite.	
						AS	6.00		
VT	129.02	129.03	90.00			PY	4.00	Cream banded-vuggy chalcedony veinlet with white calcite-quartz filling vugs.	
VN	129.93	129.95	50.00			PY	4.00	Smoky clay altered quartz vein hosting disseminated pyrite.	
BX	130.23	130.26	35.00			PY	8.00	Dark grey quartz breccia, hosting disseminated pyrite and rounded-subangular clasts (1mm-2cm) of granodiorite.	
VN	132.57	132.59	45.00			PY	35.00	White-grey mossy-massive quartz vein with a discontinuous massive pyrite veinlet.	
VT	132.65	132.66	80.00			PY	20.00	White-grey semitranslucent quartz veinlet hosting disseminated-blebby pyrite.	
VN	132.73	132.77	80.00			PY	10.00	White-grey semitranslucent quartz vein crosscut by a white quartz-calcite stringer and hosts blebby-disseminated pyrite, blebby honey brown sphalerite, disseminated galena (giving quartz a blue tint), and disseminated-blebby arsenopyrite.	
						SP	10.00		
						GN	15.00		
						AS	8.00		
VT	134.96	134.97	80.00			PY	10.00	Grey-white banded-vuggy quartz veinlet hosting disseminated-blebby pyrite, red-silver crystalline hematite, and disseminated arsenopyrite.	
						HE	10.00		
						AS	5.00		
VN	135.98	136.00	50.00					Massive grey quartz vein with weak clay alteration along cracks.	
VN	136.25	136.28	70.00			PY	8.00	1.5cm grey quartz breccia with <2mm granodiorite clasts, 5mm banded smoky-white quartz veinlets with disseminated pyrite and 1cm coarse crystalline clear quartz with interstitial disseminated-blebby pyrite and arsenopyrite.	
						AS	5.00		
VN	136.61	136.63	75.00					White semitranslucent quartz vein with weak banding.	
VT	136.80	136.81	60.00			PY	10.00	White massive quartz veinlet hosting blebby-massive red-silver hematite and blebby-disseminated pyrite.	
						HE	50.00		
GO	140.17	140.86	30.00			HE	20.00	Red hematite-stained gouged propyllitic granodiorite.	
BX	143.10	143.19	40.00			PY	6.00	Dark grey quartz vein brecciating phyllic-propyllitic granodiorite, hosting subrounded granodiorite clasts and disseminated pyrite. Crosscuts a quartz vein.	
GO	143.19	143.22	90.00			PY	6.00	Gouged dark grey quartz hosting disseminated pyrite.	
VN	143.22	143.26	75.00			PY	10.00	Smoky-white quartz vein hosting blebby pyrite and disseminated acicular arsenopyrite, crosscut by grey quartz breccia at 143.10-143.19m.	
						AS	5.00		
BX	144.70	144.97	30.00			PY	6.00	Dark grey quartz breccia with subrounded granodiorite clasts, hosting disseminated pyrite. Shows melting of the granodiorite country rock.	
VN	145.56	145.90	75.00		6.00	PY	10.00	Six smoky quartz veinlets hosting disseminated-blebby pyrite and fine dusty disseminated arsenopyrite.	
						AS	6.00		
VT	145.95	146.30	75.00		6.00	PY	3.00	Six vuggy cream quartz veinlets with disseminated pyrite and some infilling clear quartz.	
DY	146.63	148.08	70.00		4.00			Four pink aplite dykes, <1cm thick.	
BX	146.96	147.97	80.00			PY	6.00	Dark grey quartz breccia with subrounded granodiorite clasts, hosting disseminated pyrite. Shows melting of the granodiorite country rock.	
VT	148.68	148.69	70.00			PY	3.00	White quartz veinlet with disseminated pyrite.	
VT	152.71	152.73	50.00			PY	3.00	White-milky comb-banded quartz veinlet with 1mm thick grey quartz borders. Disseminated pyrite is hosted in grey quartz.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	152.98	153.56	45.00		9.00	PY	5.00	Nine grey translucent quartz vein with weak banding and disseminated pyrite in their overlapping phyllic envelopes.	
VN	153.18	153.20	80.00			PY	8.00	White-cream-grey banded quartz vein with disseminated pyrite.	
VN	153.34	153.40	60.00			PY	3.00	3cm gouged granodiorite leading into a grey massive quartz vein.	
VN	153.67	153.71	70.00					Grey-white semi massive-banded quartz vein that partially nets phyllic granodiorite.	
VT	158.79	158.80	75.00			PY	5.00	Grey-white semitranslucent weakly banded quartz veinlet with disseminated-blebby pyrite.	
VN	159.75	159.80	80.00			PY	8.00	Grey-white-smoky blended quartz vein brecciated by cream crustiform-vuggy chalcedony vein. Vugs are infilled by white-grey massive translucent quartz. Disseminated-blebby pyrite, honey brown blackjack sphalerite, and disseminated dusty-acicular arsenopyrite hosted in grey-white-smoky brecciated quartz.	
						SP	10.00		
						AS	7.00		
VT	164.57	164.88	70.00		4.00	PY	3.00	White-grey semitranslucent comb-vuggy quartz veinlets with lenses of white massive calcite and disseminated pyrite.	
GO	164.90	165.07	80.00			PY	8.00	Moderately gouged phyllic granodiorite crosscut by grey massive-banded quartz veins that are partially competent. Hosts disseminated pyrite.	
VN	165.10	165.12	75.00			PY	5.00	White-grey quartz vein with disseminated pyrite.	
VT	165.48	165.50	85.00			PY	40.00	<1mm thick grey-white quartz veinlets with disseminated-blebby pyrite.	
VT	171.23	171.24	80.00			PY	10.00	Clear comb quartz veinlet with interstitial white massive quartz. Hosts disseminated pyrite.	
VT	171.40	171.66	70.00		5.00	PY	5.00	1mm thick grey-cream quartz veinlets with disseminated pyrite in their phyllic envelopes.	
VN	171.81	171.84	70.00			PY	8.00	Massive grey semitranslucent crackled quartz vein crosscut by a white massive calcite vein. Hosts disseminated pyrite.	
VT	172.02	172.08	85.00		3.00			Three closely spaced quartz veinlets with white-grey massive quartz and cream-white chalcedony stringers.	
VN	172.10	172.25	80.00			PY	15.00	Thick quartz vein with gouge: 3-4cm grey-white blended-vuggy quartz with disseminated-blebby pyrite. 4cm grey massive quartz with clasts of adjacent quartz veins, hosting disseminated pyrite. 4cm weakly clay altered smoky banded quartz vein with disseminated-blebby pyrite. 3cm gouged phyllic granodiorite with disseminated pyrite.	
VN	172.40	172.42	70.00			PY	5.00	Banded white-cream quartz vein with disseminated pyrite.	
VN	173.38	173.45	70.00		3.00	PY	15.00	Three closely spaced cream-white banded-crustiform quartz-chalcedony veins bordered by discontinuous 2-3mm smoky quartz veinlets. Hosts disseminated-blebby pyrite, chalcopyrite, with disseminated dusty arsenopyrite.	
						CP	10.00		
						AS	8.00		
VN	175.47	175.48	80.00			PY	6.00	Grey-white quartz vein with disseminated-blebby pyrite.	
VN	173.01	176.03	30.00			PY	5.00	White-cream massive-weakly banded quartz vein with disseminated pyrite along its borders.	
DY	177.11	179.32	80.00		5.00			Five pink-orange (coral) aplite dykes 2mm-2cm thick.	
VT	178.31	181.73	20.00		11.00			Eleven low angle green chlorite veinlets.	
VN	180.53	180.62	70.00			PY	15.00	Complex quartz vein: 4-5cm of vuggy grey translucent quartz breccia hosting <1cm subangular clasts of granodiorite. Quartz is weakly orange-red stained. Then 4-5cm grey-white-smoky massive-comb quartz with a discontinuous milky comb quartz veinlet. Hosts disseminated-blebby pyrite, disseminated dusty-acicular arsenopyrite, and acicular Jamesonite crosscut by discontinuous pyrite stringers.	x
						AS	8.00		
						JAMESONITE	5.00		
VN	180.71	180.75	60.00			PY	2.00	Complex quartz vein with strong epithermal textures: mostly milky massive quartz interstitial to thick combs of white translucent quartz that lines most edges. <1mm clear hexagonal cross sections of quartz crystals are dotted throughout the milky quartz. Hosts fine grained disseminated interstitial pyrite and arsenopyrite.	x
						AS	1.00		
VN	180.77	180.82	75.00			PY	10.00	Complex quartz vein: grey translucent quartz vein that weakly brecciates phyllic granodiorite. Crosscut by a cream mossy-massive quartz-chalcedony vein. Downhole border is white-clear comb-crustiform quartz. Disseminated pyrite, disseminated dusty-acicular arsenopyrite, and possible acicular Jamesonite.	
						AS	2.00		
						JAMESONITE	2.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	180.86	180.90	90.00			PY	15.00	Complex quartz vein: 2cm milky comb-crustiform quartz with interstitial clear quartz infilling vugs 2cm mossy white-green quartz vein with 1mm clear quartz crystals. Hosts disseminated pyrite, honey brown sphalerite, galena, and dusty arsenopyrite with possible acicular Jamesonite.	x
						SP	8.00		
						GN	5.00		
						AS	2.00		
						JAMESONITE	1.00		
VN	180.96	181.02	80.00			PY	8.00	Milky vuggy-comb quartz vein, with vugs infilled by massive semitranslucent grey quartz. Hosts disseminated pyrite, honey brown sphalerite, disseminated dusty-acicular arsenopyrite, and acicular Jamesonite.	
						SP	5.00		
						AS	2.00		
						JAMESONITE	1.00		
VN	181.11	181.18	70.00		3.00	PY	8.00	Three closely spaced vuggy-crustiform cream-white quartz veinlets. Vugs are filled by grey translucent massive quartz. Hosts disseminated pyrite and disseminated acicular arsenopyrite.	
						AS	2.00		
VT	181.36	181.52	75.00		3.00	PY	8.00	Three white-grey comb semitranslucent quartz veinlets with disseminated pyrite.	
VN	181.75	181.78	20.00			PY	10.00	Moderate gouged-clay altered smoky-grey quartz vein hosting disseminated pyrite.	
GO	182.16	182.75	60.00			PY	6.00	Moderate-strongly gouged granodiorite crosscut by mineralized quartz veins hosting disseminated pyrite.	
FT	182.75	183.12	40.00			PY	6.00	Rubbly fault zone in phyllic granodiorite crosscut by mineralized quartz veins hosting disseminated pyrite.	
FT	183.44	184.20	20.00			PY	5.00	Rubbly fault zone in phyllic granodiorite crosscut by mineralized quartz veins hosting disseminated pyrite.	
DY	184.20	184.38	60.00			PY	3.00	Dark grey-green siliceous dyke crosscut by smoky quartz stringers with disseminated pyrite and a vuggy-crustiform white chalcedony veinlets.	
GO	184.44	184.86	35.00			PY	6.00	Weak -moderately gouged phyllic granodiorite crosscut by mineralized quartz veinlets with disseminated pyrite.	
VN	187.60	187.88	40.00		3.00	PY	3.00	Three white semi massive quartz-calcite veins with disseminated pyrite.	
VN	193.30	193.35	90.00		2.00	PY	10.00	Two chaotically banded-crustiform milky-smoky-grey quartz veins hosting disseminated pyrite and disseminated-dusty arsenopyrite.	
						AS	6.00		
VT	194.18	194.41	45.00		2.00	PY	5.00	Two cream semitranslucent quartz veinlets with disseminated pyrite.	
VN	205.82	205.93	85.00		3.00	PY	8.00	Three grey-white-smoky massive-chaotically banded quartz veins hosting disseminated pyrite.	
VT	207.56	207.58	85.00		2.00	PY	5.00	Two cream-white comb-vuggy quartz veinlets with clear quartz infilling vugs and hosts disseminated pyrite.	
VN	207.71	207.74	80.00			PY	2.00	Grey translucent quartz veinlet in between two cream comb quartz veinlets. Hosts disseminated pyrite.	
VN	210.04	210.06	65.00			PY	1.00	White-cream crustiform-comb-vuggy quartz vein with large central vugs filled by massive white calcite. Hosts disseminated pyrite.	
VN	214.52	214.54	80.00			PY	20.00	Medium grey massive quartz vein crosscut by black-grey quartz veinlet with fine-grained pyrite strongly disseminated.	
VN	214.85	215.07	75.00		3.00	PY	20.00	Three weakly gouged-clay altered grey-white banded-massive quartz veins hosting disseminated pyrite and discontinuous pyrite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	215.11	215.40	55.00			PY	20.00	Thick complex quartz vein: Generally translucent and very strongly silicified, with the same features/textures throughout, but seen at a larger scale in the top 9cm of the vein. Vein has a large, irregular (5cm diameter) vug filled by light pink massive-weakly crustiform chalcedony and white-yellow massive calcite. Crosscut by several <2mm thick clear crystalline quartz veinlets, rare white calcite stringers, and two green-white semitranslucent silicified phyllic granodiorite intrusions. More common elongate vugs are lined by thick clear comb quartz and a white-milky quartz border. Mineralization is very strong, and focused in the grey translucent quartz. Sphalerite is honey brown-blackjack with strong metallic luster, and largest blebs are >1cm wide. Sphalerite is concentrated nearer to large pyrite masses. Chalcopyrite is rare, mainly found as small blebs of disseminated near pyrite. Galena is most easily visible on the fracture faces as disseminated-blebby blue-silver crystals. Pyrite is evenly distributed and forms small masses of euhedral-subhedral crystals, as well as densely blebby throughout. Pyrite is commonly found encrusting larger arsenopyrite blebs. Arsenopyrite is found as fine-grained disseminated-dusty throughout the grey translucent quartz. It commonly forms blebs up to 1cm in diameter, and euhedral rhombic crystals (never seen before on this property) are found commonly near large pyrite-sphalerite masses, up to 1.5mm long. Also found in masses of short blades and needles.	x
						SP	10.00		
						CP	2.00		
						GN	8.00		
						AS	20.00		
VN	219.48	220.30	45.00			PY	15.00	Thick complex quartz vein: Generally grey translucent and silicified quartz vein, with clasts of phyllic granodiorite, and crosscut by light grey massive-fine grained quartz intruding veinlets, and undulatory white-milky quartz stringers. Mineralization is strong and shows many habits, but recovery is weakly clay altered and rubbly, so it is sometimes difficult to handle. Sphalerite is honey brown and blebby-massive. Chalcopyrite is rare and disseminated, typically found near higher concentrations of pyrite. Galena is disseminated-blebby throughout, but is found as a vein interstitial t cream massive quartz at 219.79-219.88m. Pyrite is disseminated-blebby-massive through the vein, but is most concentrated in the first 10cm as masses and discontinuous veinlets. Arsenopyrite is commonly found as felted groups of needles, which may also have a component of Jamesonite. It is also disseminated throughout the vein, but most concentrated between 219.61-219.66m, 219.76-219.78m, and 219.90-219.97m. Vein is moderately clay altered between 219.97-220.11m, and grey quartz vein with finely ground pyrite/sulphides is brecciated by white quartz between 220.11-220.20m.	x
						SP	8.00		
						CP	2.00		
						GN	20.00		
						AS	20.00		
VN	220.37	220.71	80.00		4.00	PY	20.00	Four chaotically banded smoky-grey-cream clay altered quartz veins with thick, overlapping vein envelopes. Some cream quartz is vuggy. Hosts disseminated-blebby pyrite.	
GO	220.71	221.03	70.00			PY	15.00	Weak-moderate gouged granodiorite, crosscut by dark grey quartz veins. Hosts disseminated pyrite throughout granodiorite, and gouged veins host disseminated-blebby pyrite.	
VN	221.13	221.65	70.00		4.00	PY	15.00	Four irregularly white-smoky banded quartz veins with weak gouge-clay alteration. Thick phyllic vein envelopes overlap and show weak gouge. Quartz veins host disseminated-blebby pyrite.	
VT	221.74	222.39	10.00		2.00	PY	8.00	Dark grey low angle quartz veinlets with weak clay alteration and disseminated pyrite.	
VT	222.83	222.84	85.00			PY	6.00	Grey-white opaque banded quartz veinlet hosting disseminated pyrite.	
VT	223.00	223.02	60.00			TO	30.00	White quartz veinlet with large schorl (black tourmaline) masses.	
VT	223.19	223.81	25.00		3.00	PY	5.00	Three massive-banded grey clay altered quartz veinlets with disseminated pyrite.	
VN	223.46	223.48	40.00			PY	8.00	Milky-cream chaotically banded quartz vein hosting disseminated pyrite and dusty arsenopyrite.	
						AS	2.00		
VN	223.55	223.58	35.00			PY	5.00	Black tourmaline vein with 40% grey massive quartz, with weak clay alteration on the downhole border, hosting disseminated pyrite.	
GO	223.74	224.22	60.00			PY	10.00	Moderately gouged phyllic granodiorite crosscut by quartz-tourmaline veins hosting disseminated pyrite throughout.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						TO	8.00		
VN	224.38	224.42	65.00			PY	6.00	Cream crustiform-comb chaotically banded quartz-chalcedony vein hosting disseminated-blebby pyrite and disseminated dusty arsenopyrite.	
						AS	3.00		
VN	224.56	224.58	75.00			PY	8.00	Cream-white crustiform quartz-chalcedony vein with disseminated pyrite and dusty arsenopyrite.	
						AS	2.00		
VT	224.93	224.94	80.00			PY	5.00	Cream-white crustiform quartz-chalcedony vein with disseminated pyrite and dusty arsenopyrite.	
						AS	2.00		
VN	226.07	226.13	80.00			PY	8.00	Cream-white crustiform-vuggy-comb chalcedony, with vugs filled by black massive quartz, hosting blebby-ghost bladed pyrite.	x
VT	226.37	227.48	75.00			PY	8.00	White banded quartz veinlets, hosting disseminated pyrite and disseminated arsenopyrite.	
						AS	2.00		
VN	227.95	227.98	50.00			PY	5.00	White-cream weakly banded-feathery quartz vein hosting disseminated pyrite.	
VT	229.01	229.85	85.00			PY	15.00	Grey-smoky <1mm thick dendritic quartz veinlets with narrow grey envelopes, hosting disseminated pyrite.	
VN	229.31	229.33	85.00			PY	3.00	Cream banded-massive-comb quartz-chalcedony vein, hosting disseminated pyrite and crosscut by a grey-smoky dendritic quartz veinlet.	
VT	230.49	230.67	80.00			PY	10.00	Grey-smoky <1mm thick dendritic quartz veinlets with narrow grey envelopes, hosting disseminated pyrite.	
VT	231.30	231.31	60.00			SP	20.00	3mm white semitranslucent quartz veinlet with indistinct borders. Hosts large blebs of honey brown sphalerite and blebby galena.	
						GN	5.00		
VN	231.79	231.80	40.00			PY	8.00	White-grey massive-cream quartz vein with disseminated-blebby pyrite at the dyke selvedge.	
VN	233.23	233.39	45.00			PY	25.00	Clay altered strongly mineralized dyke selvedge with grey-smoky quartz veins hosting massive pyrite and disseminated arsenopyrite.	
VN	233.41	233.47	75.00			PY	90.00	Thick fine grained sulphide vein, crosscut by few 1mm grey translucent quartz veinlets and pyrite veinlets.	
BX	233.67	233.72	80.00			PY	25.00	Grey quartz breccia with disseminated pyrite throughout. Contains subrounded phyllic granodiorite clasts, up to 3cm, with disseminated pyrite.	
BX	233.94	233.98	70.00			PY	20.00	Smoky quartz breccia with elongate subrounded phyllic granodiorite clasts, vugs, and a fragment of milky banded quartz veinlet. Hosts disseminated pyrite throughout. Downhole border is a 1cm fine grained pyrite veinlet, like the one seen at 233.41-233.47m.	
VT	234.06	234.09	80.00			PY	15.00	Chaotically banded smoky-grey quartz veinlet with a high percentage of fine grained pyrite.	
VT	234.30	234.31	85.00			PY	10.00	White semitranslucent quartz veinlet with indistinct borders, and hosts disseminated-blebby pyrite, blebby honey brown sphalerite, and blebby galena.	
						SP	20.00		
						GN	8.00		
VT	236.48	236.49	35.00			HE	45.00	White-milky weakly banded quartz veinlet, with red-silver hematite in large blebs and discontinuous veinlets.	
VT	240.06	241.48	85.00					White-cream crustiform-banded quartz-chalcedony veinlets.	
VT	241.64	241.71	75.00		2.00	PY	3.00	Two vuggy-banded-crustiform quartz-chalcedony veinlets, filled by grey translucent quartz, hosting disseminated pyrite.	
VN	241.76	241.89	80.00			PY	3.00	Complexly crosscutting white-milky crustiform-vuggy quartz and tan semitranslucent comb-crustiform-vuggy chalcedony, with yellow massive calcite filling vugs.	
VN	243.55	243.57	80.00			PY	20.00	crustiform-vuggy chalcedony veinlet, with clear quartz filling the vugs. Grey quartz vein hosts disseminated-blebby pyrite.	
VN	247.00	247.08	25.00			PY	7.00	Green-clear quartz-chlorite vein hosting blebby hematite (silver grading out into red) and disseminated pyrite.	
						HE	15.00		
VT	249.84	250.10	20.00			PY	5.00	White massive quartz-calcite veinlet with weak clay alteration and green chlorite.	
						HE	7.00		
VT	256.66	257.24	75.00		3.00	PY	6.00	Three white-grey weakly banded quartz veinlets with disseminated pyrite	
VN	259.14	259.17	65.00			PY	30.00	Smoky-grey irregularly banded quartz vein, with fine grained pyrite stringers between each band of quartz. Hosts disseminated-blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	260.06	260.07	50.00		2.00	PY	10.00	Two white quartz veinlets, crosscutting each other at opposite 50 degree angles. Each veinlet is bordered by dark green chlorite, and hosts blebby pyrite and red hematite.	
						HE	6.00		
VT	263.13	263.14	75.00			HE	30.00	White weakly banded quartz veinlet, hosting discontinuous red-silver hematite stringers.	
VT	263.55	264.33	85.00		7.00	PY	4.00	White-grey semitranslucent weakly banded quartz veinlets with trace disseminated pyrite.	
VN	266.49	266.53	70.00			PY	6.00	White-pink-yellow banded semitranslucent quartz vein, hosting disseminated pyrite.	
VN	273.73	274.37	20.00		4.00	PY	20.00	Four low angle white-grey massive quartz veins with increasing sulphide content as veins move progressively downhole. Hosts disseminated-massive pyrite and red hematite.	
						HE	5.00		
VT	276.80	277.12	60.00		2.00	PY	3.00	Two trace white-grey quartz veinlets with disseminated pyrite	
VT	275.86	275.87	60.00			PY	20.00	White quartz veinlet with central dark grey quartz stringer hosting disseminated pyrite and arsenopyrite.	
						AS	15.00		
								EOH	

KLAZA

Hole: KL-DDH-12-115 **Date: August 22, 2012**

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
Calibration			2001.6										Calibration test with 2kg mass.
18.76	1665	1892	561.4	332.1	GRD	XL	ARG	4I			2.473128	2.448321	Strong argillic with pervasive oxidation.
							OXI	3I					
31.8	1678	1945	743.9	466.8	GRD	XL	OXI	2I			2.786142	2.68459	Unaltered granodiorite with weak oxidation.
43.31	1670	1950	754.7	475.3	GRD	XL	PRO	3I	PY	3	2.695357	2.701145	Propyllitic granodiorite with red hematite alteration. Crosscut by a massive crystalline hematite vein with a 1 cm phyllic envelope.
							HEM	1I	HE	6			
							PHC	2I					
91.69	1645	1888	638	397.5	FEL	PO					2.625514	2.652807	Quartz feldspar porphyry dyke.
100.02	1645	1955	846.1	538.1	GRD	XL	PHC	2I	PY	3	2.729355	2.747078	Weak overprinting phyllic and propyllitic crosscut by a quartz vein hosting pyrite and arsenopyrite (see secondaries).
							PRO	2I	AS	3			
127.75	1640	1900	745.7	479.4	VEN	XL	PHC	3I	PY	10	2.868077	2.800225	Phyllic granodiorite densely crosscut by quartz veins with pyrite and sphalerite. Dyke selvdge. (see secondaries)
									SP	5			
144.64	1570	1960	1062.3	674.3	SIL	BX					2.723846	2.737887	Black siliceous breccia with phyllic granodiorite clasts.
184.2	1570	1860	820.5	530.2	MAF	PO					2.82931	2.826386	Black mafic dyke crosscut by a vuggy quartz veinlet.
215.16	1540	1800	775.1	518.8	VEN	XL	SIL	4I	PY		2.981154	3.02419	First half of a very strongly silicified, richly mineralized quartz vein.
									CP				
									SP				
									GN				
									AS				
215.27	1540	1875	1092.9	757.3	VEN	XL	SIL	4I	PY		3.262388	3.256555	Second half of a very strongly silicified, richly mineralized quartz vein.
									CP				
									SP				

KLAZA

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
									GN				
262.01	1535	1795	689.2	432.5	GRD	XL	SIL	4I	AS		2.650769	2.684846	Weakly silicified-unaltered granodiorite.
													EOH

KLAZA

Hole: KL-DDH-12-115 **Date: August 22, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	5.18	5.18	1.44	27.8	N814987	1				Very poor recovery through oxidized and rubbly rock.
5.18	6.20	1.02	1.02	100	N814988	1				
6.20	7.92	1.72	1.63	94.8	N814989	1				
					N814990	1				BLANK
7.92	10.30	2.38	2.38	100	N814991	1				
10.30	12.56	2.26	2.06	91.2	N814992	1				
12.56	13.66	1.10	1.07	97.3	N814993	1				
13.66	15.47	1.81	1.80	99.4	N814994	1				
					N814995	1				COARSE REJECT DUPLICATE
15.47	18.75	3.28	2.93	89.3	N814996	1				
18.75	20.42	1.67	1.67	100	N814997	1				
20.42	21.56	1.14	1.14	100	N814998	1				
21.56	23.81	2.25	1.97	87.6	N814999	1				
23.81	25.79	1.98	1.96	99	N815000	1				
25.79	27.62	1.83	1.62	88.5	N812801	1				
27.62	28.74	1.12	1.12	100	N812802	1				
28.74	30.63	1.89	1.89	100	N812803	1				
30.63	32.91	2.28	2.27	99.6	N812804	1				
32.91	33.91	1.00	0.98	98	N812805	1				Rubble
					N812806	1				BLANK
33.91	35.75	1.84	1.84	100	N812807	1				
35.75	36.82	1.07	1.07	100	N812808	1				
36.82	38.40	1.58	1.52	96.2	N812809	1				
					N812810	1				KLAZA STD-2
38.40	40.87	2.47	2.43	98.4	N812811	1				
40.87	42.88	2.01	1.91	95	N812812	1				
42.88	44.00	1.12	1.01	90.2	N812813	1				
44.00	46.16	2.16	2.16	100	N812814	1				
46.16	47.85	1.69	1.69	100	N812815	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812816	1				QUARTER DUPLICATE
47.85	50.90	3.05	3.05	100	N812817	1				
50.90	52.02	1.12	1.08	96.4	N812818	1				
52.02	53.95	1.93	1.90	98.4	N812819	1				
					N812820	1				KLAZA STD-3
53.95	56.07	2.12	2.02	95.3	N812821	1				
56.07	57.10	1.03	1.00	97.1	N812822	1				
57.10	58.72	1.62	1.61	99.4	N812823	2				
58.72	61.02	2.30	2.22	96.5	N812824	2				
61.02	62.09	1.07	1.05	98.1	N812825	2				
					N812826	2				BLANK
62.09	63.28	1.19	1.00	84	N812827	2				
63.28	64.28	1.00	1.00	100	N812828	2				
64.28	66.14	1.86	1.82	97.8	N812829	2				
					N812830	2				KLAZA STD-2
66.14	69.19	3.05	2.91	95.4	N812831	2				
69.19	72.24	3.05	2.95	96.7	N812832	2				
72.24	75.29	3.05	2.91	95.4	N812833	2				
75.29	77.45	2.16	2.07	95.8	N812834	2				
77.45	78.54	1.09	1.07	98.2	N812835	2				
78.54	80.80	2.26	2.26	100	N812836	2				
					N812837	2				QUARTER DUPLICATE
80.80	82.75	1.95	1.92	98.5	N812838	2				
82.75	84.43	1.68	1.45	86.3	N812839	2				
84.43	87.48	3.05	3.01	98.7	N812840	2				
					N812841	2				KLAZA STD-1
87.48	90.53	3.05	2.84	93.1	N812842	2				
90.53	93.57	3.04	2.88	94.7	N812843	2				
93.57	96.62	3.05	2.30	75.4	N812844	2				
96.62	99.55	2.93	2.87	98	N812845	2				
99.55	101.45	1.90	1.88	98.9	N812846	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812847	2				BLANK
101.45	102.50	1.05	1.02	97.1	N812848	2				
102.50	104.35	1.85	1.85	100	N812849	2				
104.35	105.53	1.18	1.05	89	N812850	2				
					N812851	2				COARSE REJECT DUPLICATE
105.53	106.53	1.00	1.00	100	N812852	2				
106.53	108.81	2.28	2.18	95.6	N812853	2				
108.81	111.86	3.05	2.84	93.1	N812854	2				
111.86	113.05	1.19	1.19	100	N812855	2				
113.05	114.15	1.10	1.05	95.5	N812856	2				
114.15	115.83	1.68	1.68	100	N812857	2				
115.83	116.83	1.00	1.00	100	N812858	2				
116.83	118.38	1.55	1.51	97.4	N814754	3				Tag number change (this tag was blown away and assumed lost, but was found and then inserted here)
118.38	119.47	1.09	1.01	92.7	N812859	3				
					N812860	3				BLANK
119.47	121.01	1.54	1.51	98.1	N812861	3				
121.01	122.28	1.27	1.27	100	N812862	3				
					N812863	3				KLAZA STD-1
122.28	124.63	2.35	2.31	98.3	N812864	3				
124.63	125.68	1.05	1.05	100	N812865	3				
125.68	126.89	1.21	1.17	96.7	N812866	3				
126.89	127.61	0.72	0.72	100	N812867	3				Quartz feldspar porphyry dyke.
					N812868	3				QUARTER DUPLICATE
127.61	128.63	1.02	1.01	99	N812869	3				
128.63	129.67	1.04	1.02	98.1	N812870	3				
129.67	130.73	1.06	1.02	96.2	N812871	3				
130.73	132.17	1.44	1.42	98.6	N812872	3				
132.17	133.20	1.03	1.00	97.1	N812873	3				
133.20	134.76	1.56	1.53	98.1	N812874	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
134.76	135.76	1.00	1.00	100	N812875	3				
					N812876	3				COARSE REJECT DUPLICATE
135.76	136.82	1.06	1.04	98.1	N812877	3				
136.82	138.00	1.18	1.11	94.1	N812878	3				
138.00	140.14	2.14	2.11	98.6	N812879	3				
140.14	141.21	1.07	1.00	93.5	N812880	3				
141.21	143.10	1.89	1.66	87.8	N812881	3				
143.10	144.94	1.84	1.82	98.9	N812882	3				
144.94	146.31	1.37	1.34	97.8	N812883	3				
					N812884	3				BLANK
146.31	147.96	1.65	1.65	100	N812885	3				
147.96	150.09	2.13	2.11	99.1	N812886	3				
150.09	152.56	2.47	2.45	99.2	N812887	3				
152.56	153.74	1.18	1.12	94.9	N812888	3				
153.74	155.89	2.15	2.15	100	N812889	3				
					N812890	3				KLAZA STD-2
155.89	158.77	2.88	2.83	98.3	N812891	3				
158.77	159.84	1.07	1.07	100	N812892	3				
159.84	162.11	2.27	2.22	97.8	N812893	3				
162.11	164.35	2.24	2.20	98.2	N812894	4				
164.35	165.56	1.21	1.16	95.9	N812895	4				
165.56	168.42	2.86	2.86	100	N812896	4				
					N812897	4				KLAZA STD-1
168.42	171.19	2.77	2.77	100	N812898	4				
171.19	172.48	1.29	1.19	92.2	N812899	4				
172.48	174.00	1.52	1.48	97.4	N812900	4				
174.00	175.87	1.87	1.83	97.9	N812901	4				
					N812902	4				QUARTER DUPLICATE
175.87	178.11	2.24	2.16	96.4	N812903	4				
178.11	180.42	2.31	2.30	99.6	N812904	4				
180.42	181.53	1.11	1.03	92.8	N812905	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812906	4				BLANK
181.53	183.22	1.69	1.52	89.9	N812907	4				
183.22	184.87	1.65	1.58	95.8	N812908	4				
184.87	187.00	2.13	2.13	100	N812909	4				
187.00	188.06	1.06	1.06	100	N812910	4				
188.06	191.11	3.05	2.86	93.8	N812911	4				
191.11	193.16	2.05	2.05	100	N812912	4				
					N812913	4				COARSE REJECT DUPLICATE
193.16	194.16	1.00	1.00	100	N812914	4				
194.16	197.20	3.04	2.94	96.7	N812915	4				
197.20	200.25	3.05	3.03	99.3	N812916	4				
200.25	203.30	3.05	3.04	99.7	N812917	4				
					N812918	4				KLAZA STD-1
203.30	205.70	2.40	2.40	100	N812919	4				
205.70	207.73	2.03	2.01	99	N812920	4				
207.73	209.40	1.67	1.61	96.4	N812921	4				
209.40	210.75	1.35	1.34	99.3	N812922	4				
210.75	212.45	1.70	1.70	100	N812923	4				
212.45	214.47	2.02	2.02	100	N812924	4				
214.47	215.50	1.03	1.00	97.1	N812925	4				
					N812926	4				BLANK
215.50	216.50	1.00	1.00	100	N812927	4				
216.50	217.94	1.44	1.43	99.3	N812928	4				
217.94	219.48	1.54	1.54	100	N812929	4				
219.48	221.59	2.11	2.08	98.6	N812930	5				
					N812931	5				BLANK
221.59	222.77	1.18	1.18	100	N812932	5				
222.77	224.64	1.87	1.87	100	N812933	5				
224.64	226.45	1.81	1.70	93.9	N812934	5				
226.45	227.73	1.28	1.21	94.5	N812935	5				
					N812936	5				QUARTER DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
227.73	228.73	1.00	1.00	100	N812937	5				
228.73	229.73	1.00	0.99	99	N812938	5				
229.73	230.73	1.00	1.00	100	N812939	5				
230.73	231.77	1.04	1.04	100	N812940	5				
231.77	233.23	1.46	1.44	98.6	N812941	5				
233.23	234.23	1.00	1.00	100	N812942	5				
234.23	236.59	2.36	2.26	95.8	N812943	5				
					N812944	5				KLAZA STD-1
236.59	237.67	1.08	1.05	97.2	N812945	5				
237.67	240.04	2.37	2.33	98.3	N812946	5				
240.04	241.89	1.85	1.85	100	N812947	5				
					N812948	5				BLANK
241.89	243.58	1.69	1.66	98.2	N812949	5				
243.58	246.37	2.79	2.70	96.8	N812950	5				
246.37	249.02	2.65	2.64	99.6	N812951	5				
249.02	252.07	3.05	3.05	100	N812952	5				
					N812953	5				KLAZA STD-2
252.07	255.11	3.04	3.01	99	N812954	5				
255.11	257.27	2.16	2.14	99.1	N812955	5				
257.27	259.10	1.83	1.80	98.4	N812956	5				
					N812957	5				COARSE REJECT DUPLICATE
259.10	260.15	1.05	1.03	98.1	N812958	5				
260.15	263.13	2.98	2.97	99.7	N812959	5				
263.13	264.13	1.00	1.00	100	N812960	5				
264.13	266.15	2.02	2.02	100	N812961	5				
266.15	267.30	1.15	1.04	90.4	N812962	5				
267.30	270.36	3.06	3.03	99	N812963	5				
270.36	273.03	2.67	2.51	94	N812964	5				
273.03	274.46	1.43	1.43	100	N812965	5				
274.46	275.88	1.42	1.42	100	N812966	6				
275.88	276.88	1.00	1.00	100	N812967	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N812968	6				BLANK
276.88	279.50	2.62	2.53	96.6	N812969	6				EOH

KLAZA

Hole: KL-DDH-12-115 **Tech Name:** **Date: August 22, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	1.43	28	0.32	6	-	1	0S	4W	
5.18	8.23	3.05	2.78	91	1.98	65	-	1	0S	4W	
8.23	11.28	3.05	2.77	91	1.72	56	-	1	0S	4W	
11.28	14.33	3.05	2.95	97	1.48	49	-	1	0S	4W	
14.33	17.37	3.04	2.89	95	1.89	62	-	2	1S	2W	
17.37	20.42	3.05	2.84	93	2.33	76	-	2	1S	3W	
20.42	23.47	3.05	2.78	91	2.18	71	-	1	1S	4W	
23.47	26.52	3.05	2.86	94	1.71	56	-	1	0S	3W	
26.52	29.36	2.84	3.00	106	2.42	85	-	2	1S	2W	
29.36	32.61	3.25	2.99	92	2.71	83	-	1	2S	2W	
32.61	35.66	3.05	2.92	96	2.07	68	-	1	0S	3W	
35.66	38.71	3.05	2.91	95	1.74	57	-	1	1S	4W	
38.71	41.76	3.05	2.89	95	1.84	60	-	1	0S	3W	
41.76	44.81	3.05	2.83	93	1.99	65	-	1	0S	4W	
44.81	47.85	3.04	2.88	95	1.45	48	-	2	3S	2W	
47.85	50.90	3.05	3.00	98	1.32	43	-	2	3S	2W	
50.90	53.95	3.05	2.89	95	2.34	77	-	1	1S	4W	
53.95	57.00	3.05	2.92	96	2.19	72	-	2	3S	2W	
57.00	60.05	3.05	2.99	98	2.75	90	-	2	1S	2W	
60.05	63.09	3.04	2.78	91	1.99	65	-	2	3S	2W	
63.09	66.14	3.05	2.97	97	1.83	60	-	2	3S	2W	
66.14	69.19	3.05	2.82	92	2.33	76	-	2	3	2W	
69.19	72.24	3.05	2.91	95	2.23	73	-	3	3	2W	
72.24	75.29	3.05	2.89	95	2.63	86	-	3	3	2W	
75.29	78.33	3.04	2.92	96	1.37	45	-	3	3	2W	
78.33	81.38	3.05	3.08	101	1.94	64	-	2	2	3W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.79	91	1.60	52	-	2	2	2W	
84.43	87.48	3.05	2.97	97	1.66	54	-	3	3	3W	
87.48	90.53	3.05	2.88	94	1.30	43	-	2	2	1W	
90.53	93.57	3.04	2.47	81	0.80	26	-	2	2	1W	
93.57	96.62	3.05	2.53	83	1.15	38	-	2	3	2W	
96.62	99.67	3.05	3.02	99	2.35	77	-	2	3	1W	
99.67	102.72	3.05	2.98	98	2.64	87	-	2	2	1W	
102.72	105.77	3.05	2.93	96	1.98	65	-	2	3	1W	
105.77	108.81	3.04	2.95	97	2.32	76	-	2	3	1W	
108.81	111.86	3.05	2.90	95	1.66	54	-	2	1	2W	
111.86	114.91	3.05	3.01	99	1.87	61	-	2	2	2W	
114.91	117.96	3.05	3.04	100	1.75	57	-	2	3	2W	
117.96	121.01	3.05	2.90	95	1.72	56	-	2	3	1W	
121.01	124.05	3.04	2.99	98	2.73	90	-	2	3	1W	
124.05	127.10	3.05	2.93	96	1.76	58	-	2	2	2W	
127.10	130.15	3.05	2.93	96	2.25	74	-	2	4	2W	
130.15	133.20	3.05	2.98	98	1.52	50	-	2	3	2W	
133.20	136.25	3.05	2.94	96	2.54	83	-	2	4	2W	
136.25	139.29	3.04	2.95	97	2.81	92	-	2	3	1W	
139.29	142.34	3.05	2.91	95	1.40	46	-	1	1	4W	
142.34	145.39	3.05	2.91	95	1.99	65	-	2	2	2W	
145.39	148.44	3.05	3.01	99	2.58	85	-	2	3	1W	
148.44	151.49	3.05	3.02	99	2.65	87	-	2	3	1W	
151.49	154.53	3.04	2.94	97	2.81	92	-	2	2	1W	
154.53	157.58	3.05	3.02	99	2.66	87	-	2	3	1W	
157.58	160.63	3.05	3.00	98	2.94	96	-	2	3	1W	
160.63	163.68	3.05	3.02	99	2.28	75	-	2	3	2W	
163.68	166.73	3.05	3.06	100	2.20	72	-	2	3	1W	
166.73	169.77	3.04	3.09	102	2.35	77	-	2	3	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	3.02	99	2.46	81	-	2	3	1W	
172.82	175.87	3.05	2.97	97	2.61	86	-	2	3	2W	
175.87	178.92	3.05	2.97	97	1.62	53	-	2	3	1W	
178.92	181.97	3.05	3.01	99	2.36	77	-	2	3	2W	
181.97	185.01	3.04	2.89	95	0.28	9	-	1	3	2W	
185.01	188.06	3.05	2.61	86	2.38	78	-	2	3S	2W	
188.06	191.11	3.05	2.88	94	2.62	86	-	2	3S	2W	
191.11	194.16	3.05	3.05	100	2.44	80	-	2	3S	1W	
194.16	197.20	3.04	2.92	96	2.04	67	-	2	3S	1W	
197.20	200.25	3.05	3.03	99	2.84	93	-	2	3S	1W	
200.25	203.30	3.05	3.00	98	2.85	93	-	2	3S	1W	
203.30	206.35	3.05	3.50	115	2.82	92	-	2		2W	
206.35	209.40	3.05	3.02	99	2.94	96	-	2		1W	
209.40	212.45	3.05	3.03	99	2.93	96	-	2		1W	
212.45	215.50	3.05	3.03	99	263.00	8623	-	2		1W	
215.50	218.54	3.04	3.01	99	2.98	98	-	2		1W	
218.54	221.59	3.05	3.03	99	1.47	48	-	2		3W	
221.59	224.64	3.05	3.04	100	2.09	69	-	2		2W	
224.64	227.69	3.05	2.89	95	2.67	88	-	2		2W	
227.69	230.73	3.04	3.05	100	2.69	88	-	2		2W	
230.73	233.79	3.06	3.01	98	2.77	91	-	2		1W	
233.79	236.83	3.04	3.03	100	2.68	88	-	2		1W	
236.83	239.88	3.05	2.97	97	2.25	74	-	2		1W	
239.88	242.92	3.04	3.01	99	2.44	80	-	2		2W	
242.92	245.97	3.05	2.96	97	2.64	87	-	2		2W	
245.97	249.02	3.05	3.01	99	2.67	88	-	2		2W	
249.02	252.70	3.68	3.05	83	2.76	75	-	2		1W	
252.70	255.11	2.41	2.97	123	2.04	85	-	2		1W	
255.11	258.17	3.06	3.02	99	2.81	92	-	2		1W	
258.17	261.21	3.04	2.96	97	2.07	68	-	2		1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	3.03	99	2.82	92	-	2		1W	
264.26	267.30	3.04	2.91	96	2.26	74	-	2		1W	
267.30	270.36	3.06	3.01	98	2.33	76	-	2		1W	
270.36	273.41	3.05	2.89	95	2.42	79	-	2		1W	
273.41	276.45	3.04	3.02	99	2.25	74	-	2		2W	
276.45	279.50	3.05	2.94	96	2.66	87	-	2		1W	

KLAZA

Hole: KL-DDH-12-115 **Tech Name:** **Date:** August 22, 2012 **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	60.00	0.11	0.00	2.00	3R	2W	
5.18	8.23	3.05	60.00	0.17	0.00	2.00	3R	2W	
8.23	11.28	3.05	60.00	0.33	0.00	2.00	3R	3W	
11.28	14.33	3.05	30.00	0.26	0.00	2.00	3R	2W	
			70.00	0.01	3.00	2.00	3R	3W	
14.33	17.37	3.04	65.00	0.36	0.00	2.00	3R	2W	
17.37	20.42	3.05	40.00	0.36	0.00	2.00	3R	2W	
20.42	23.47	3.05	50.00		60.00	2.00	3R	4W	heavily oxidized, vuggy joint
23.47	26.52	3.05	55.00	0.14	0.00	2.00	3R	3W	
26.52	29.36	2.84							random fractures
29.36	32.61	3.25							random fractures
32.61	35.66	3.05	60.00	0.12	0.00	2.00	3R	2W	
35.66	38.71	3.05	55.00	0.06	0.00	2.00	3R	3W	
38.71	41.76	3.05	50.00	0.26	0.00	2.00	3R	3W	
41.76	44.81	3.05	65.00	0.06	0.00	3.00	3R	2W	
44.81	47.85	3.04							random fractures
47.85	50.90	3.05	75.00	0.09	0.00	2.00	3R	2W	
50.90	53.95	3.05	70.00	0.45	0.00	2.00	3R	2W	
53.95	57.00	3.05	50.00	0.04	0.00	2.00	3R	2W	
57.00	60.05	3.05	45.00	0.14	5.00	2.00	3R	4W	
60.05	63.09	3.04	50.00	0.16	0.00	2.00	3R	2W	
63.09	66.14	3.05	40.00	0.28	0.00	2.00	3R	2W	
66.14	69.19	3.05	45.00	0.02	0.00	2.00	3R	2W	
69.19	72.24	3.05	65.00	0.13	0.00	2.00	3R	1W	
72.24	75.29	3.05	40.00	0.16	0.00	2.00	2R	1W	
75.29	78.33	3.04	55.00	0.08	0.00	3.00	2R	2W	
78.33	81.38	3.05	50.00	0.27	0.00	2.00	3R	2W	

KLAZA

81.38	84.43	3.05	50.00	0.15	0.00	2.00	3R	2W	
84.43	87.48	3.05	45.00	0.18	0.00	2.00	2R	2W	
87.48	90.53	3.05	80.00	0.50	0.00	1.00	2R	1W	
90.53	93.57	3.04	60.00	0.85	0.00	1.00	2R	1W	
		0.00	80.00	0.85	0.00	1.00	2R	1W	
93.57	96.62	3.05	80.00	0.25	0.00	2.00	2R	2W	
96.62	99.67	3.05	40.00	0.74	0.00	2.00	2R	1W	
		0.00	80.00	0.74	0.00	2.00	2R	1W	
99.67	102.72	3.05	60.00	0.00	0.00	2.00	2R	1W	
		0.00	80.00	0.00	0.00	2.00	2R	1W	
102.72	105.77	3.05	60.00	0.00	0.00	1.00	2R	1W	
105.77	108.81	3.04	6.00	0.00	0.00	1.00	2R	1W	
108.81	111.86	3.05	70.00	0.27	0.00	1.00	2R	1W	
111.86	114.91	3.05	75.00	0.60	0.00	1.00	2R	2W	
114.91	117.96	3.05	80.00	8.00	0.00	2.00	2R	2W	
117.96	121.01	3.05	65.00	0.17	0.00	2.00	2R	2W	
121.01	124.05	3.04	30.00	0.40	0.00	2.00	2R	2W	
124.05	127.10	3.05	70.00	0.13	0.00	2.00	3R	1W	
127.10	130.15	3.05	65.00	0.13	0.00	3.00	3R	2W	
130.15	133.20	3.05	45.00	0.05	0.00	2.00	3R	2W	
133.20	136.25	3.05	65.00	0.15	0.00	2.00	3R	1W	
136.25	139.29	3.04	45.00	0.18	0.00	2.00	3R	1W	
139.29	142.34	3.05	75.00	0.16	0.00	1.00	2R	2W	
142.34	145.39	3.05	35.00	0.08	0.00	2.00	3R	1W	
145.39	148.44	3.05	40.00	0.10	0.00	2.00	3R	1W	
148.44	151.49	3.05	55.00	0.12	0.00	2.00	3R	1W	
151.49	154.53	3.04	80.00	0.23	0.00	2.00	3R	1W	
154.53	157.58	3.05	60.00	0.10	0.00	2.00	3R	1W	
157.58	160.63	3.05	45.00	0.73	0.00	2.00	2R	1W	
160.63	163.68	3.05	60.00	0.09	0.00	2.00	3R	2W	
163.68	166.73	3.05	45.00	0.10	0.00	1.00	2R	2W	
166.73	169.77	3.04	70.00	0.51	0.00	2.00	2R	2W	
169.77	172.82	3.05	70.00	0.16	0.00	2.00	3R	1W	
172.82	175.87	3.05	65.00	0.14	0.00	2.00	3R	2W	
175.87	178.92	3.05	35.00	0.10	0.00	2.00	3R	2W	
178.92	181.97	3.05	40.00	0.12	0.00	2.00	2R	2W	
185.01	188.60	3.05	50.00	0.80	0.00	2.00	2R	2W	

KLAZA

191.11	194.16	3.05	50.00	0.70	0.00	2.00	2R	2W	
194.16	197.20	3.04	50.00	0.58	0.00	2.00	2R	2W	
197.20	200.25	3.05	70.00	0.78	0.00	1.00	2R	1W	
203.30	206.35	3.05	50.00	1.28	0.00	1.00	2R	1W	
206.35	209.40	3.05	60.00	0.48	0.00	2.00	2R	1W	
209.40	212.45	3.05	55.00	0.66	0.00	1.00	2R	1W	
212.45	215.50	3.05	40.00	1.24	0.00	1.00	2R	1W	
218.54	221.59	3.05	60.00	0.22	0.00	3.00	2R	2W	
221.59	224.64	3.05	60.00	0.21	0.00	2.00	2R	2W	
227.69	230.73	3.04	80.00	0.36		2.00	2R	2W	
230.73	233.79	3.06	80.00	0.36	0.00	2.00	2R	2W	
233.79	236.83	3.04	60.00	1.12	0.00	1.00	2R	1W	
236.83	239.88	3.05	40.00	0.50	0.00	1.00	2R	1W	
245.97	249.02	3.05	45.00	0.49	0.00	1.00	2R	1W	
258.17	261.21	3.04	60.00	0.29	0.00	1.00	1R	1W	
261.21	264.26	3.05	60.00	0.29		1.00	1R	1W	
267.30	270.36	3.06	70.00	0.20	0.00	1.00	2R	2W	
276.45	279.50	3.05	40.00	0.55	0.00	2.00	2R	2W	

KLAZA

Hole: KL-DDH-12-115 Date: August 22, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	0.38	
2.00	0.25	
3.00	0.14	
4.00	0.43	
5.00	0.27	
6.00	0.18	
7.00	0.12	
8.00	0.20	
9.00	0.20	
10.00	0.29	
11.00	0.32	
12.00	0.34	
13.00	1.50	
14.00	6.91	
15.00	13.40	
16.00	13.70	
17.00	12.10	
18.00	16.00	
19.00	0.65	
20.00	0.54	
21.00	0.47	
22.00	2.56	
23.00	4.53	
24.00	0.71	
25.00	0.45	
26.00	1.29	
27.00	13.70	
28.00	13.10	
29.00	11.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	16.30	
31.00	0.64	
32.00	10.40	
33.00	0.36	
34.00	11.30	
35.00	15.80	
36.00	6.05	
37.00	18.80	
38.00	0.42	
39.00	0.82	
40.00	16.60	
41.00	0.53	
42.00	0.87	
43.00	16.90	
44.00	0.42	
45.00	13.20	
46.00	11.80	
47.00	17.10	
48.00	12.20	
49.00	15.80	
50.00	10.10	
51.00	0.69	
52.00	0.96	
53.00	6.03	
54.00	4.75	
55.00	0.45	
56.00	15.50	
57.00	7.50	
58.00	0.56	
59.00	9.29	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	18.60	
61.00	0.65	
62.00	0.49	
63.00	6.67	
64.00	0.51	
65.00	24.10	
66.00	1.06	
67.00	14.30	
68.00	8.25	
69.00	14.50	
70.00	0.62	
71.00	5.38	
72.00	1.95	
73.00	3.73	
74.00	1.49	
75.00	1.30	
76.00	7.52	
77.00	1.00	
78.00	1.62	
79.00	0.54	
80.00	2.94	
81.00	1.84	
82.00	1.64	
83.00	1.48	
84.00	3.49	
85.00	1.90	
86.00	0.75	
87.00	1.39	
88.00	2.23	
89.00	2.15	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	1.57	
91.00	1.42	
92.00	1.66	
93.00	1.31	
94.00	1.40	
95.00	0.96	
96.00	1.46	
97.00	12.30	
98.00	12.90	
99.00	4.15	
100.00	1.50	
101.00	1.88	
102.00	1.64	
103.00	6.86	
104.00	10.40	
105.00	0.95	
106.00	1.46	
107.00	4.57	
108.00	3.47	
109.00	5.59	
110.00	4.81	
111.00	3.84	
112.00	3.25	
113.00	1.22	
114.00	2.45	
115.00	5.56	
116.00	4.11	
117.00	3.71	
118.00	3.62	
119.00	2.65	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	1.88	
121.00	5.81	
122.00	3.91	
123.00	10.10	
124.00	7.90	
125.00	0.32	
126.00	0.86	
127.00	5.69	
128.00	3.03	
129.00	0.96	
130.00	0.54	
131.00	5.87	
132.00	5.25	
133.00	6.44	
134.00	7.77	
135.00	4.33	
136.00	1.92	
137.00	8.87	
138.00	7.46	
139.00	25.00	
140.00	4.26	
141.00	7.26	
142.00	7.22	
143.00	2.98	
144.00	6.49	
145.00	3.42	
146.00	1.40	
147.00	4.95	
148.00	3.98	
149.00	11.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	7.11	
151.00	10.40	
152.00	0.51	
153.00	5.41	
154.00	6.18	
155.00	16.30	
156.00	13.80	
157.00	14.80	
158.00	9.88	
159.00	18.40	
160.00	8.38	
161.00	13.20	
162.00	9.68	
163.00	7.55	
164.00	2.01	
165.00	1.42	
166.00	2.43	
167.00	4.00	
168.00	6.35	
169.00	5.39	
170.00	4.50	
171.00	10.50	
172.00	6.20	
173.00	2.76	
174.00	8.03	
175.00	4.77	
176.00	9.13	
177.00	17.10	
178.00	6.27	
179.00	6.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	3.29	
181.00	3.84	
182.00	1.73	
183.00	9.36	
184.00	4.62	
185.00	8.39	
186.00	4.13	
187.00	2.36	
188.00	4.09	
189.00	2.74	
190.00	7.86	
191.00	4.46	
192.00	8.39	
193.00	2.59	
194.00	0.67	
195.00	10.70	
196.00	3.38	
197.00	18.10	
198.00	13.50	
199.00	15.10	
200.00	14.90	
201.00	16.20	
202.00	16.20	
203.00	14.70	
204.00	18.10	
205.00	0.21	
206.00	0.23	
207.00	0.82	
208.00	1.02	
209.00	8.54	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	2.94	
211.00	20.00	
212.00	15.60	
213.00	8.74	
214.00	1.46	
215.00	0.09	
216.00	0.67	
217.00	3.23	
218.00	0.32	
219.00	0.96	
220.00	0.21	
221.00	0.42	
222.00	0.21	
223.00	0.18	
224.00	0.31	
225.00	0.21	
226.00	0.20	
227.00	0.86	
228.00	0.18	
229.00	0.43	
230.00	0.34	
231.00	0.07	
232.00	0.43	
233.00	0.38	
234.00	0.34	
235.00	2.83	
236.00	0.21	
237.00	0.29	
238.00	11.20	
239.00	8.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.29	
241.00	2.81	
242.00	0.78	
243.00	0.23	
244.00	0.56	
245.00	0.25	
246.00	0.36	
247.00	0.36	
248.00	0.29	
249.00	0.21	
250.00	0.23	
251.00	0.84	
252.00	13.00	
253.00	16.60	
254.00	9.57	
255.00	15.00	
256.00	13.20	
257.00	13.90	
258.00	14.50	
259.00	10.80	
260.00	0.91	
261.00	15.40	
262.00	8.65	
263.00	11.50	
264.00	0.23	
265.00	15.40	
266.00	5.76	
267.00	17.60	
268.00	7.39	
269.00	12.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	9.71	
271.00	10.60	
272.00	1.02	
273.00	0.31	
274.00	0.62	
275.00	0.23	
276.00	0.21	
277.00	2.15	
278.00	0.07	
279.00	0.70	
		EOH

KLAZA

Hole: KL-DDH-12-115 **Date:** August 22, 2012

Box #	From (m)	To (m)
1	0.00	8.99
2	8.99	14.53
3	14.53	20.42
4	20.42	26.20
5	26.20	31.80
6	31.80	27.28
7	27.28	42.81
8	42.81	48.30
9	48.30	53.95
10	53.95	59.58
11	59.58	65.24
12	65.24	70.96
13	70.96	76.63
14	76.63	81.76
15	81.76	87.32
16	87.32	92.79
17	92.79	98.62
18	98.62	104.35
19	104.35	110.00
20	110.00	115.46
21	115.46	121.01
22	121.01	126.59
23	126.59	132.23
24	132.23	138.00
25	138.00	143.38
26	143.38	149.21
27	149.21	155.06
28	155.06	160.78
29	160.78	166.31

KLAZA

30	166.31	171.81
31	171.81	177.24
32	177.24	182.58
33	182.58	187.60
34	187.60	194.25
35	194.25	198.82
36	198.82	204.30
37	204.30	209.74
38	209.74	215.44
39	215.44	220.71
40	220.71	226.23
41	226.23	231.96
42	231.96	237.67
43	237.67	234.30
44	234.34	249.14
45	249.14	255.02
46	255.02	260.54
47	260.54	266.54
48	266.54	272.30
49	272.30	277.87
50	277.87	279.50
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: Klaza			383438.51	6889346.5	1404.336	438.9

SECTION:

HOLE: DDH-KL-12-116

CLAIM: KLAZA 47 - YD09227

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 18th - Aug 22nd, 2012

Geology logged by: D. Walsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.84	6.84	OVB	Overburden
6.84	60.77	53.93	GRD	Phyllic granodioirite with quartz/pyrite veining.
60.77	78.22	17.45	FEL	Grey quartz feldspar porphyry dyke.
78.22	113.66	35.44	GRD	Propyllitic altered granodiorite with phyllic envelopes.
113.66	124.25	10.59	GRD	Phyllic granodioirite with quartz/pyrite veining.
124.25	194.46	70.21	GRD	Localized argillic, propyllitic and phyllic altered granoc
194.46	218.43	23.97	GRD	Phyllic granodioirite with quartz/pyrite veining.
218.43	218.78	0.35	FEL	Silicified quartz feldspar porphyry dyke.
218.78	255.90	37.12	GRD	Primarily phyllic alteration with patches of propyllitic.
255.90	257.30	1.40	FEL	Quartz feldspar porphyry dyke.
257.30	274.40	17.10	GRD	Locally propyllitic, argillic and silicified granodiorite
274.40	275.52	1.12	FEL	Quartz feldspar porphyry dyke.
275.52	331.73	56.21	GRD	Locally propyllitic, argillic potassic and silicified granodiorite
331.73	333.20	1.47	FEL	Quartz feldspar porphyry dyke.
333.20	343.51	10.31	GRD	Locally phyllic and propyllitic altered granodiorite
343.51	348.41	4.90	FEL	Quartz feldspar porphyry dyke.
348.41	427.07	78.66	GRD	Locally propyllitic, argillic potassic, phyllic and silicified granodiorite
427.07	427.85	0.78	FEL	Quartz feldspar porphyry dyke.
427.85	438.91	11.06	GRD	Locally propyllitic, argillic, phyllic and silicified granodiorite

SAMPLES

Numbers: M358235 - M358593

Total: 358

Batch: 1-10

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-116 **Logger Name:** D. Walsh **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	6.84	6.84					OVB			BN											Overburden with cobbles and boulders of grey granodiorite.
										GY											
6.84	17.17	10.33				mKgW	GRD	MG		GY											Grey granodiorite with moderate oxidation along fractures. Interval hosts multiple pyrite veinlets and stringers, ~2-3 per meter.
										OR	PA	3I									
			9.12	9.60	0.48	mKgW	GRD	MG		GN	EN			PHC	4I	2.00					Moderately silicified and strong phyllic envelope hosting disseminated pyrite and hosts a quartz/pyrite veinlet and a pyrite vein.
										GY	EN		3I								
										BL	EN										
			11.90	12.01	0.11	mKgW	GRD	MG	DK	GY			4I			<1					Strongly silicified dark grey granodiorite hosting disseminated pyrite and multiple pyrite veinlets and stringers.
17.17	78.22	61.05				mKgW	GRD	MG		GN				PHC	3I	<1					Moderately phyllic altered granodiorite hosting quartz/pyrite veins, veinlets and stringers. The veins and veinlets have strongly silicified, strong phyllic envelopes around the which hosts disseminated pyrite. Fracture surfaces contain moderate to strong oxidation.
									LT	GY	EN			PHC	4I						
										GY	EN		4I								
										OR	PA	3-4I									
			17.89	18.23	0.34	mKgW	GRD	MG		GN	EN			PHC	4I	1.00					Strongly silicified strong phyllic envelope surrounding a 8cm milky white /semi-massive pyrite vein. Envelope hosts disseminated pyrite and a pyrite veinlet.
										BL	EN										
										GY	EN		4I								
			18.80	18.93	0.13	mKgW	GRD	MG	DK	GN	EN			PHC	4I	1.00					Moderately silicified and strongly phyllic envelope surrounding a quartz vein hosting blebby pyrite.
										GY	EN		3I								
			20.63	20.74	0.11	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderately silicified and strongly phyllic envelope surrounding two 0.1cm pyrite veinlets.
										GY			3I								
			20.74	21.53	0.79	mKgW	GRD	MG		WH				ARG	3-4I						Partially gouge altered moderate to strongly argillic altered granodiorite that has been strongly oxidized. Oxidation obscures rock texture.
										OR		4I									
			22.37	22.67	0.30	mKgW	GRD	MG	DK	GN				PHC	4I	1.00					Moderately silicified and strong phyllic envelope surrounding a quartz/pyrite vein.
										GY			3I								
			23.16	23.71	0.55	mKgW	GRD	MG		WH				ARG	3I						Weakly oxidized and moderately argillic altered granodiorite.
										OR		2I									
			24.65	25.55	0.90	mKgW	GRD	MG	DK	GN				PHC	4I	1.00					Moderately silicified and strongly phyllic envelope around a dark grey quartz and semi-
										GY			3I								
			27.05	28.10	1.05	mKgW	GRD	MG	DK	GN				PHC	4I	3.00					Strongly silicified strong phyllic envelope around a dark grey quartz and semi-massive pyrite vein. Envelope hosts disseminated pyrite and pyrite stringers.
									DK	GY			4I								
										BL											
			28.85	29.06	0.21	mKgW	GRD	MG	DK	GN				PHC	3I	1.00					Strongly silicified moderate phyllic envelope hosting two quartz pyrite veinlets and
									DK	GY			4I								
			29.49	29.71	0.22	mKgW	GRD	MG	DK	GN				PHC	3-4I	1.00					Moderately silicified, moderate to strong phyllic envelope hosting two 1cm quartz/pyrite veins and disseminated pyrite.
										GY			3I								
			30.76	32.01	1.25	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									LT	GN				PHC	2I						
			32.01	32.35	0.34	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint that has been moderately oxidized.
									LT	GN				PHC	2I						
										OR			3I								
			32.48	33.86	1.38	mKgW	GRD	MG		GN				PHC	4I						Moderately silicified and strongly phyllic granodiorite with moderate oxidation along fractures. The interval hosts disseminated pyrite, patches of carbonate veining exhibit net texture, smokey quartz veins and pyrite veinlets and stringers.
										BL											
										GY			3I								
										OR		3I									
			38.88	39.22	0.34	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with moderate oxidation and a weak phyllic overprint.
									LT	GN				PHC	2I						
										OR		3I									
			39.38	39.52	0.14	LKqP	FEL			GY											Grey/green quartz feldspar porphyry dyke hosting grey quartz and light green clay phenocrysts. The dyke is cross-cut through the middle by a pyrite stringer oriented at 60° TCA.
										GN											
			41.60	43.05	1.45	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite.
										GY											
			44.01	44.13	0.12	mKgW	GRD	MG	DK	GN				PHC	3I						Strongly silicified and moderate phyllic envelope surrounding a quartz pyrite veinlet.
									DK	GY			4I								
			47.68	48.68	1.00	mKgW	GRD	MG		GY											Grey granodiorite hosting a minor phyllic around a quartz/pyrite veinlet.
			50.05	50.44	0.39	mKgW	GRD	MG		GN				PHC	4I	2.00					Strong phyllic altered granodiorite hosting multiple quartz pyrite veinlets and pyrite stringers and disseminated pyrite.
										GY											
										BL											
			50.44	56.62	6.18	LKqP	FEL			GY											Grey/tan quartz feldspar porphyry dyke.
										TN											
			56.62	57.74	1.12	mKgW	GRD	MG	DK	GN				PHC	3I	<1					Intensely silicified strongly phyllic altered granodiorite with white gouge filled fractures. Hosts disseminated pyrite, two gouge veins and a 5cm grey quartz/pyrite vein.
										GY			5I								
			60.77	66.70	5.93	LKqP	FEL			GY	PA			SIL	4I						Grey quartz feldspar porphyry dyke that has patchy silicification and strongly oxidized along fracture surfaces. The dyke is very broken up and rubbly.
										OR	PA			OXI	4I						
			66.70	67.12	0.42	mKgW	GRD	MG		GN				PHC	4I	3.00					Strongly silicified and strongly phyllic altered granodiorite hosting disseminated to blebby pyrite and multiple white carbonate veinlets.
										GY			4I								
			70.05	71.45	1.40	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak to moderate propyllitic overprint.
									DK	GY				PRO	2-3I						
			71.45	75.09	3.64	mKgW	GRD	MG	LT	GN				PHC	4I	3.00					Moderately silicified and strong phyllic altered granodiorite hosting disseminated pyrite, multiple pyrite veinlets and stringers and a few (<2cm) quartz/pyrite veins.
										GY			3I								
			76.47	77.02	0.55	mKgW	GRD	MG		GN				PHC	4I	2.00					Strongly silicified and strongly phyllic altered granodiorite hosting disseminated pyrite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									DK	GY			4I								
78.22	113.66	35.44				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately silicified propyllitic altered granodiorite with patchy moderate silicification.
										GY			3I								
			78.50	79.20	0.70	mKgW	GRD	MG	DK	GN				PRO	3I			Ep	3.00		Moderately silicified and moderately propyllitic altered granodiorite hosting disseminated to blebby epidote.
										GY			3I								
			79.20	81.01	1.81	mKgW	GRD	MG		GN				PHC	3-4I	3.00					Moderately silicified and moderate to strongly phyllic altered granodiorite hosting disseminated pyrite and an abundance of pyrite veinlets and an oxidized orange gouge vein.
										GY			3I								
			81.52	81.68	0.16	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz vein hosting disseminated to blebby pyrite.
			90.19	91.93	1.74	mKgW	GRD	MG	DK	GN				PRO	2I			Ep	2.00		Weakly propyllitic altered granodiorite hosting disseminated epidote and has moderate hematite staining along some fracture surfaces.
										GY											
									DK	RD	PA			HEM	3I						
			95.00	95.39	0.39	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderately phyllic envelope surrounding a quartz/pyrite veinlet.
			97.77	103.40	5.63	mKgW	GRD	MG	DK	GN				PRO	2I			Ep	2.00		Moderately silicified and weakly propyllitic altered granodiorite hosting disseminated to blebby epidote and multiple quartz pyrite veins and veinlets. Occasional hematite staining along fractures.
										GY			3I								
									DK	RD	PA			HEM	3I						
			104.12	106.35	2.23	mKgW	GRD	MG	DK	GN				PRO	2-3I			Ep	2.00		Moderately silicified, weak to moderately propyllitic altered granodiorite with moderate hematite staining along a few fracture surfaces. Interval host disseminated to blebby epidote and hematite.
										GY			3I								
									DK	RD	PA			HEM	3I			He	2.00		
			109.30	110.23	0.93	mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderate argillic and weak propyllitic alteration with moderate hematite staining along fractures.
									DK	GN	PA			PRO	2I						
									DK	RD	PA			HEM	3I						
113.66	117.53	3.87				mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite with moderately silicified, strong phyllic envelopes around quartz pyrite veins, veinlets and patches of moderate argillic alteration with a potassic overprint.
									DK	GN	EN			PHC	4I						
										GY	EN			SIL	3I						
										WH	PA			ARG	3I						
										PK	PA			POT	3I						
			113.76	114.00	0.24	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			114.10	114.44	0.34	mKgW	GRD	MG	DK	GN				PHC	4I	1.00					Strongly silicified, strong phyllic envelope around a 4cm quartz and semi-massive pyrite vein.
										GY			4I								
			114.99	115.38	0.39	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			116.06	116.65	0.59	mKgW	GRD	MG	LT	GN	EN			PHC	4I	5.00					Strong phyllic envelope hosting a 15cm silicified breccia, disseminated pyrite, two quartz sulphide veinlets and a quartz/pyrite vein.
										GN	EN										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
117.53	120.90	3.37				mKgW	GRD	MG	DK	GN				PRO	2I						Alternating patches of weak potassic and moderate argillic altered granodiorite, both of which have a weak potassic overprint.
										WH				ARG	3I						
										PK				POT	2I						
120.90	124.25	3.35								GN				PHC	3I						Moderately phyllic altered granodiorite hosting an abundance of quartz veins and veinlets which hosts disseminated to blebby pyrite.
			121.50	121.70	0.20	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			123.57	123.97	0.40	mKgW	GRD	MG	DK	GN	EN			PHC	5I	1.00					Intensely silicified, strong phyllic envelope hosting disseminated pyrite, dark grey gouge vein and a smokey quartz/white carbonate breccia vein, both of which host disseminated to blebby pyrite.
										GY	EN		4I								
124.25	131.07	6.82				mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite with multiple phyllic envelopes.
			124.70	125.84	1.14	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope around an abundance of quartz pyrite veinlets. Each veinlet has a small 1cm-6cm moderately silicified and strong phyllic envelope surrounding them.
									DK	GN	EN			PHC	4I						
										GY	EN		3I								
			126.00	127.18	1.18	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz vein hosting disseminated pyrite.
			128.42	129.70	1.28	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey to black gouge breccia.
131.07	142.61	11.54				mKgW	GRD	MG		PK				POT	2I						Granodiorite with a weak potassic overprint.
										GY											
142.61	165.66	23.05				mKgW	GRD	MG		GY											Grey granodiorite with a few patches of weak potassic overprint.
										PK	PA			POT	2I						
			144.36	144.56	0.20	mKgW	GRD	MG		GN				PHC	3-4I						Moderate to strongly phyllic envelope surrounding a quartz sulphide vein that is cross-cut by white carbonate veinlets.
			144.36	149.50	5.14	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
										GY											
165.66	168.62	2.96				mKgW	GRD	MG		GN				PHC	3-4I	1.00					Moderately to strongly phyllic altered granodiorite hosting disseminated pyrite and an abundance of smokey quartz veins and veinlets which hosts disseminated pyrite.
										GY											
168.62	172.37	3.75				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic and weak phyllic overprint.
										PK				POT	3I						
									LT	GN				PHC	2I						
			169.63	169.77	0.14	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding a grey quartz vein hosting disseminated pyrite.
			171.11	171.82	0.71	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
172.37	179.66	7.29				mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite with multiple phyllic envelopes.
										GY											
			172.39	172.55	0.16	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope hosting two quartz/pyrite veinlets.
			173.69	174.39	0.70	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope hosting multiple quartz pyrite veins and veinlets.
			177.17	177.78	0.61	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic and moderately silicified envelope surrounding a large quartz vein hosting disseminated to blebby pyrite.
										GY	EN		3I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
179.66	194.46	14.80				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
										GY											
			181.33	181.53	0.20	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope surrounding multiple 1mm quartz/carbonate veinlets hosting disseminated pyrite.
			186.28	187.00	0.72	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting a few quartz/carbonate veinlets.
			187.65	187.75	0.10	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a quartz carbonate vein.
			188.26	189.26	1.00	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding two quartz carbonate veins.
194.46	242.63	48.17				mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting a abundance of quartz/pyrite vein, veinlets, gouge zones and strong phyllic envelopes.
			194.55	194.68	0.13	mKgW	GRD	MG	LT	GN	PA			PHC	3I						Alternating patches of moderate phyllic and moderate propyllitic altered granodiorite.
									DK	GN	PA			PRO	3I						
			197.43	197.87	0.44	mKgW	GRD	MG	DK	GN	PA			PHC	4I						Strong phyllic envelope hosting five quartz/carbonate veinlets which hosts disseminated pyrite.
										GY											
			198.70	198.88	0.18	mKgW	GRD	MG	DK	GN				PHC	4I						Strongly silicified and strong phyllic envelope hosting a grey quartz and blebby pyrite vein.
										GY			4I								
			200.50	200.95	0.45	mKgW	GRD	MG		GN				PHC	4I						Moderately silicified and strongly phyllic altered granodiorite that has been partially gouge altered and hosts and abundance of smokey quartz and tan carbonate veining.
										GY			3I								
			205.18	205.30	0.12	mKgW	GRD	MG		GN				PHC	4I						Moderately phyllic and strongly silicified granodiorite hosting two quartz/pyrite veinlets.
										GY			3I								
			205.35	206.30	0.95	mKgW	GRD	MG	DK	GN				PRO	4I						Strongly propyllitic altered granodiorite with patches of moderate potassic overprinting.
										PK	PA			POT	3I						
			207.81	209.55	1.74	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderately silicified and strongly phyllic altered granodiorite that hosts disseminated pyrite and an abundance of smokey quartz and carbonate veining.
										GY			3I								
			211.00	211.75	0.75	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderately silicified and strongly phyllic altered granodiorite that hosts disseminated pyrite and an abundance of smokey quartz veining.
										GY			3I								
			212.85	213.19	0.34	mKgW	GRD	MG		GN				PHC	4I						Strongly silicified and strongly phyllic altered granodiorite hosting disseminated pyrite and an abundance of smokey quartz and white carbonate veining.
										GY			4I								
			216.58	218.14	1.56	mKgW	GRD	MG	DK	GN				PRO	4I						Strongly propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			218.29	218.43	0.14	mKgW	GRD	MG	DK	GN				PHC	4I	2.00					Strongly silicified and strongly phyllic altered granodiorite hosting disseminated pyrite.
										GY			4I								
			218.43	218.78	0.35	LKqP	FEL			GY											Moderately silicified grey/green quartz feldspar porphyry dyke.
										GN											
			218.78	219.28	0.50	mKgW	GRD	MG		GN				PHC	4I	1.00					Strongly silicified and strongly phyllic altered granodiorite hosting disseminated pyrite and an abundance of white carbonate veining.
										GY			4I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			219.58	225.56	5.98	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite with a weak potassic overprint and an abundance of small white carbonate veinlets with small 1cm-5cm phyllic envelopes.
										PK				POT	2I						
			225.82	226.28	0.46	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint.
									LT	GN				PHC	2I						
			226.73	227.98	1.25	mKgW	GRD	MG		GN				PHC	4I						Strongly silicified and strongly phyllic altered granodiorite hosting disseminated pyrite and an abundance of smokey quartz and white carbonate veins and veinlets.
										GY			4I								
			229.17	230.62	1.45	mKgW	GRD	MG		GN				PHC	4I	1.00					Strongly phyllic altered granodiorite hosting disseminated pyrite, a large smokey quartz/pyrite vein, a massive pyrite quartz vein and an abundance of quartz veinlets.
										GY											
			231.35	232.44	1.09	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite.
			233.51	234.81	1.30	mKgW	GRD	MG	DK	GN				PRO	3-4I						Moderate to strongly propyllitic altered granodiorite.
			235.15	235.76	0.61	mKgW	GRD	MG		GN				PHC	4I	1.00					Strong phyllic altered granodiorite hosting disseminated pyrite and eight quartz/carbonate veinlets hosting disseminated pyrite.
										GY											
			236.59	237.33	0.74	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic granodiorite with a weak potassic overprint.
										PK				POT	2I						
			237.33	238.50	1.17	mKgW	GRD	MG	DK	GN				PRO	3I						Moderate propyllitic altered granodiorite.
										GY											
			239.88	241.52	1.64	mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
										GY											
242.63	261.84	19.21				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
										GY											
			244.77	246.13	1.36	mKgW	GRD	MG	DK	GN				PHC	3I						Moderate phyllic altered granodiorite hosting a large tan carbonate vein and a large grey quartz vein.
										GY											
			246.77	247.18	0.41	mKgW	GRD	MG		GN	EN			PHC	3-4I						Moderate to strong phyllic envelope around a quartz pyrite vein.
										GY											
			247.83	247.97	0.14	mKgW	GRD	MG		GN	EN			PHC	3I						Moderate phyllic envelope around a quartz vein hosting disseminated to blebby pyrite, sphalerite and galena.
			255.12	255.94	0.82	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak propyllitic and potassic overprint.
										GN				PRO	2I						
										PK				POT	2I						
			255.94	257.31	1.37	LKqP	FEL			GN											Grey/green quartz feldspar porphyry dyke.
										GY											
			257.31	259.38	2.07	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate propyllitic and potassic overprint. Hosts two black breccia veins and multiple carbonate veinlets.
									DK	GN				PRO	3I						
										PK				POT	3I						
261.84	276.30	14.46				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	3I						
									DK	GN	PA			PRO	3I						
			264.85	266.46	1.61	mKgW	GRD	MG	DK	GN				PRO	2I						Weakly propyllitic altered granodiorite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
										GY											
			274.39	274.85	0.46	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderately silicified and strongly phyllic hosting disseminated pyrite and a quartz/semi-massive pyrite vein along with multiple pyrite stringers.
										GY			3I								
			274.39	275.52	1.13	LKqP	FEL			GN											Grey/green quartz feldspar porphyry dyke.
										GY											
			275.52	275.78	0.26	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple 0.1-0.2cm pyrite veinlets.
276.30	293.58	17.28				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite hosting multiple white carbonate veins, veinlets and stringers.
			280.28	280.57	0.29	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting three quartz pyrite veinlets.
			285.37	285.50	0.13	mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting a quartz carbonate breccia which hosts disseminated pyrite.
293.58	298.53	4.95				mKgW	GRD	MG		WH				ARG	3I						Moderate argillic altered granodiorite with a weak potassic overprint and patches of moderate propyllitic alteration.
										PK				POT	3I						
									DK	GN	PA			PRO	3I						
			293.69	293.79	0.10	mKgW	GRD	MG		GN				PHC	3I						Strongly silicified and moderately phyllic altered granodiorite hosting disseminated pyrite and a quartz pyrite veinlet.
										GY			4I								
			297.68	298.53	0.85	mKgW	GRD	MG		GN				PHC	4I	3.00					Moderate phyllic altered granodiorite hosting disseminated pyrite and two large smokey quartz/pyrite veins and a smokey quartz breccia, and an abundance of smokey quartz veinlets.
										GY			4I								
298.53	303.72	5.19				mKgW	GRD	MG		GN				PHC	3I	1.00					Moderately phyllic altered granodiorite with a high abundance of smokey quartz and pyrite veins and veinlets, major veins have strong phyllic envelopes and hosts disseminated pyrite.
			298.53	298.86	0.33	mKgW	GRD	MG		GN				PHC	4I	3.00					Moderate phyllic altered granodiorite hosting disseminated pyrite and two large smokey quartz/pyrite veins and a smokey quartz breccia, and an abundance of smokey quartz veinlets.
										GY			4I								
			300.58	301.13	0.55	mKgW	GRD	MG		GN				PHC	4I	3.00					Moderately silicified and strongly phyllic altered granodiorite hosting disseminated pyrite and a large smokey quartz/pyrite breccia along with an abundance of smokey quartz veinlets.
										GY			3I								
			302.71	303.08	0.37	mKgW	GRD	MG		GN				PHC	4I	1.00					Moderately silicified and strongly phyllic altered granodiorite hosting disseminated pyrite.
										GY			3I								
303.72	312.55	8.83				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite with patches of moderate argillic altered granodiorite.
										WH	PA			ARG	3I						
			306.24	306.67	0.43	mKgW	GRD	MG		GN				PHC	2-3I	1.00					Moderate to strongly phyllic altered granodiorite that is moderately silicified and hosts multiple smokey quartz veinlets with disseminated pyrite.
										GY			3I								
312.55	318.92	6.37				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint and patches of propyllitic alteration.
									DK	GN				PRO	3I						
									LT	GN				PHC	2I						
			312.78	313.20	0.42	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple quartz pyrite veinlets.
			313.42	313.88	0.46	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a smokey quartz/white carbonate vein.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			317.54	318.10	0.56	mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic altered granodiorite.
318.92	328.08	9.16				mKgW	GRD	MG	DK	GN				PRO	1-2I						Trace to weakly propyllitic altered granodiorite.
			319.10	319.34	0.24	mKgW	GRD	MG		GN				PHC	3I						Moderate phyllic envelope surrounding a grey quartz veinlet hosting disseminated pyrite.
			321.29	323.17	1.88	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a large black breccia.
			323.95	325.41	1.46	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope hosting three grey quartz and blebby pyrite veinlets.
			325.93	326.51	0.58	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic and strongly silicified envelope around a grey quartz/white carbonate vein hosting disseminated to blebby pyrite.
													4I								
328.08	329.03	0.95				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint. Interval contains a 1cm black breccia vein with argillic altered granodiorite and grey quartz clasts. Also hosts a white/tan veinlet with blebby pyrite. Breccia and veinlets have small 2-6cm moderate phyllic envelopes.
										PK				POT	2I						
329.03	329.34	0.31				mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope surrounding a large black breccia vein.
			329.13	329.34	0.21	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified, moderately propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
										GY			3I								
329.34	331.73	2.39				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic and phyllic overprint.
										PK				POT	2I						
									LT	GN	EN			PHC	2I						
			329.34	329.37	0.03	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified, moderately propyllitic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
										GY			3I								
			330.13	331.17	1.04	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around medium to large black breccias.
331.73	333.20	1.47				LKqP	FEL			GY											Grey/green quartz feldspar porphyry dyke.
										GN											
333.20	333.42	0.22				mKgW	GRD	MG	LT	GN				PHC	3I	<1					Gouge altered moderately phyllic altered granodiorite. Gouge portions are grey to black and hosts trace amounts of disseminated pyrite.
										GY											
333.42	333.90	0.48				mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite.
333.90	342.36	8.46				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite.
										GY											
			337.08	337.43	0.35	mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic envelope around a white carbonate and grey quartz vein.
342.36	343.03	0.67				mKgW	GRD	MG	LT	GN	EN			PHC	3I						Moderate phyllic altered granodiorite hosting three small to medium grey and black breccia veins.
343.03	343.51	0.48				mKgW	GRD	MG	LT	GN				PHC	3I						Moderate phyllic and propyllitic altered granodiorite hosting a grey and white smokey quartz vein
									DK	GN				PRO	3I						
343.51	348.41	4.90				LKqP	FEL			GY											Grey/green quartz feldspar porphyry dyke.
										GN											
348.41	348.59	0.18				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic and strongly silicified granodiorite.
										GY			4I								
348.59	351.35	2.76				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak phyllic overprint. Interval hosts multiple grey to black breccia's.
									LT	GN				PHC	2I						
351.35	351.67	0.32				mKgW	GRD	MG		GY			4I								Strongly silicified granodiorite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
351.67	352.65	0.98				mKgW	GRD	MG		WH				ARG	2I						Weakly argillic altered granodiorite with a moderate potassic overprint. Patches of moderate propyllitic alteration and strong propyllitic overprint. Interval hosts two grey to black breccia's.
										PK				POT	2I						
									DK	GN				PRO	2I						
352.65	354.70	2.05				mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint. Patches of moderate propyllitic alteration and strong phyllic envelopes (1-2cm) around white carbonate stringers.
									DK	GN	PA			PRO	3I						
									DK	GN	EN			PRO	4I						
										PK				POT	3I						
354.70	365.15	10.45				mKgW	GRD	MG	DK	GN				PRO	3I			Ep	1.00		Moderately silicified and moderately propyllitic altered granodiorite hosting disseminated to blebby epidote and hematite.
										GY			3I					He	3.00		
			357.63	358.27	0.64	mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderate propyllitic and phyllic alteration.
									DK	GN	PA			PRO	3I						
			358.27	360.05	1.78	mKgW	GRD	MG		WH				ARG	4I						Moderately argillic altered granodiorite with a weak potassic and phyllic overprint. Hosts multiple tan carbonate veinlets and stringers.
										PK				POT	3I						
									LT	GN				PHC	3I						
			360.05	361.80	1.75	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and moderately propyllitic altered granodiorite hosting a long low angle grey quartz vein.
										GY			3I								
			362.62	363.61	0.99	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and strongly propyllitic altered granodiorite with patches of argillic alteration. The last 3rd of the interval hosts a grey to smokey quartz vein with blebby pyrite.
										GY			3I								
										WH	PA			ARG	3I						
			364.28	365.08	0.80	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and strongly propyllitic altered granodiorite with patches of argillic alteration. The first 3rd of the interval hosts a grey to smokey quartz vein with blebby pyrite.
										GY			3I								
										WH	PA			ARG	3I						
365.15	365.62	0.47				mKgW	GRD	MG		GY			4-5I								Strong to intensely silicified, moderately argillic altered granodiorite that has a moderate propyllitic and weak phyllic overprint. The high abundance of silica flooding obscures the original argillic altered granodiorite and textures.
										WH				ARG	3I						
										PK				POT	3I						
									LT	GN				PHC	2I						
365.62	369.46	3.84				mKgW	GRD	MG		GY			4-5I			<1					Strong to intensely silicified, moderately phyllic altered granodiorite. The intense silica flooding obscures texture of the phyllic altered granodiorite. Interval hosts disseminated pyrite and multiple quartz or carbonate veins and gouge zones.
										GN				PHC	3I						
369.46	370.08	0.62				mKgW	GRD	MG		GN				PHC	4I	3.00					Strong to intensely silicified, moderately phyllic altered granodiorite. The first ~50% of the vein hosts a 10cm smokey quartz vein with the rest altered to black-grey gouge. The other ~50% of the interval hosts a massive pyrite/quartz vein and disseminate to blebby pyrite.
										GY			4-5I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
370.08	370.49	0.41				mKgW	GRD	MG	DK	GN				PRO	3I	<1					Strongly silicified and moderately propyllitic altered granodiorite with a weak propyllitic overprint. Hosts five pyrite stringers.
										GY			4I								
370.49	371.00	0.51				mKgW	GRD	MG		GN				PHC	3I						Weakly silicified moderately phyllic altered granodiorite with a weak propyllitic overprint. Hosts five pyrite stringers.
									DK	GN				PRO	2I						
										GY			2I								
371.00	373.04	2.04				mKgW	GRD	MG	LT	GN				PHC	3I						Moderately silicified, moderately phyllic and propyllitic altered granodiorite which hosts a long low angle quartz vein that host disseminated to blebby pyrite.
									DK	GN				PRO	3I						
										GY			3I								
373.04	378.07	5.03				mKgW	GRD	MG	DK	GN				PRO	2-3I						Moderate to strongly silicified and a weak to moderate propyllitic altered granodiorite. The interval hosts multiple grey quartz veins and veinlets that hosts disseminated pyrite.
										GY			3-4I								
			377.28	377.62	0.34	mKgW	GRD	MG	LT	GN				PHC	3I						Moderate to strongly silicified, moderately phyllic altered granodiorite hosting a grey quartz and blebby pyrite vein along with 0.1cm pyrite veinlets.
										GY			3-4I								
378.07	381.23	3.16				mKgW	GRD	MG	LT	GN	PA			PHC	3I						Moderately silicified, moderately propyllitic altered granodiorite with patches moderate phyllic alteration. Hosts disseminated pyrite and multiple quartz veins and pyrite veinlets and stringers.
									DK	GN				PRO	3I						
													3I								
			379.48	380.48	1.00	mKgW	GRD	MG		GN				PHC	3I						Approximately 29 sheeted pyrite veinlets and stringers, all oriented at 20° TCA each of which has a 0.5cm to 1cm intense quartz envelope. Each is hosted in a moderately silicified, moderately phyllic and propyllitic altered granodiorite.
									DK	GN				PRO	3I						
									DK	GY	EN		5I								
										GY			3I								
381.23	389.45	8.22				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and moderately propyllitic altered granodiorite. Hosts multiple grey quartz and white carbonate veins and veinlets.
										GY			3I								
			382.66	383.89	1.23	mKgW	GRD	MG		GN				PHC	3I						Partially gouge altered, moderately phyllic and patches of weak argillic alteration.
										WH	PA			ARG	2I						
			384.36	385.22	0.86	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak propyllitic overprint and patches of moderate propyllitic alteration.
										GN				PRO	2I						
									DK	GN	PA			PRO	3I						
			387.76	389.31	1.55	mKgW	GRD	MG		GN				PHC	3I	1.00					Moderately silicified and moderately phyllic altered granodiorite hosting disseminated pyrite and multiple quartz pyrite veins and veinlets.
										GY			3I								
389.45	398.37	8.92				mKgW	GRD	MG	DK	GN				PRO	2-3I	1.00		Ep	1.00		Weak to moderately propyllitic altered granodiorite that has been moderately silicified. The interval hosts multiple quartz pyrite veins and veinlets along with pyrite, epidote and hematite.
										GY			3I					He	1.00		
			395.96	397.00	1.04	mKgW	GRD	MG		GN				PHC	3I	1.00		He	5.00		Strongly silicified, moderately phyllic altered granodiorite that has been moderately silicified.
										GY			4I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
398.37	406.00	7.63				mKgW	GRD	MG	DK	GN				PRO	2-3I						Weak to moderately propyllitic altered granodiorite hosting disseminated pyrite and blebby hematite.
										GY			3I								
			401.62	402.22	0.60	mKgW	GRD	MG		WH	PA			ARG	3I						Alternating patches of moderately argillic and propyllitic altered granodiorite. Both of which have a weak potassic overprint.
									DK	GN	PA			PRO	3I						
										PK				POT	2I						
			403.68	404.46	0.78	mKgW	GRD	MG	DK	GN				PRO	3I	1.00					Moderate propyllitic and argillic altered granodiorite that has been strongly silicified and hosts multiple pyrite stringers and disseminated pyrite.
										WH				ARG	3I						
										GY			4I								
			404.46	404.94	0.48	mKgW	GRD	MG		WH	EN			PHC	5I	7.00					Intensely phyllic altered granodiorite surrounding a quartz/carbonate/pyrite vein. Envelope hosts disseminated pyrite and pyrite stringers and veinlets.
										GN	EN										
										GY	EN										
			404.94	405.83	0.89	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic and argillic altered granodiorite hosting disseminated pyrite and smokey quartz/white carbonate veins which hosts disseminated pyrite.
										WH				ARG	3I						
									LT	GN				PHC	2I						
406.00	423.24	17.24				mKgW	GRD	MG		GY			4I			1.00					Strongly silicified, continuously alternating moderate phyllic and moderate propyllitic altered granodiorite. Interval hosts disseminated pyrite and multiple quartz pyrite veins and veinlets.
									LT	GN				PHC	3I						
									DK	GN				PRO	3I						
			414.11	415.67	1.56	mKgW	GRD	MG	LT	GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple smokey quartz veins, a gouge zone and a grey quartz pyrite vein. Hosts disseminated pyrite around veins, in the moderate silicified envelopes.
										GY			3I								
			418.20	419.31	1.11	mKgW	GRD	MG	LT	GN	EN			PHC	3I	<1					Moderately silicified and moderately phyllic envelope surrounding a long low angle quartz vein hosting disseminated pyrite.
										GY	EN		3I								
423.24	425.07	1.83				mKgW	GRD	MG	DK	GN				PRO	3I			He	3.00		Moderately silicified, moderately propyllitic altered granodiorite hosting blebby hematite and multiple carbonate stringers.
										GY			3I								
425.07	427.07	2.00				mKgW	GRD	MG		GY			4I					He	4.00		Strongly silicified and moderately phyllic altered granodiorite with patches of moderate propyllitic alteration. The interval hosts blebby hematite.
										GN				PHC	3I						
									DK	GN	PA			PRO	3I						
427.07	431.36	4.29				LKqP	FEL			BK				HEM	2I	1.00					Black magnetic quartz feldspar porphyry dyke hosting an abundance of white carbonate veinlets and stringers along with occasional disseminated pyrite and pyrite stringers. The majority of the fracture surfaces contain weak hematite staining.. The end of the interval is heavily broken up and rubbly and appears to be weakly gouge altered.
			427.47	427.85	0.38	LKqP	FEL			GY			4I			1.00					Grey/green quartz feldspar porphyry dyke hosting disseminated pyrite and a grey quartz/white carbonate vein that hosts blebby pyrite.
										GN											
			430.75	431.16	0.41	mKgW	GRD	MG	DK	GN				PRO	3I						Partially gouge altered moderately propyllitic and moderately silicified granodiorite hosting disseminated pyrite and three pyrite veinlets.
										GY			3I								

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
431.36	432.47	1.11				mKgW	GRD	MG	DK	GN				PRO	3I	1.00		Ep	1.00		Moderate to strongly silicified and moderately propyllitic altered granodiorite hosting pyrite and epidote along with multiple gouge veins.
										GY			3-4I								
432.47	437.18	4.71				mKgW	GRD	MG	DK	GN				PRO	3I	<1					Partially gouge altered moderately propyllitic altered granodiorite with patches of moderate argillic alteration. Host trace amounts of disseminated pyrite.\
										WH				ARG	3I						
437.18	438.91	1.73				mKgW	GRD	MG		GY			3-4I								Moderate to strongly silicified, moderately argillic altered granodiorite with a moderate phyllic overprint and patches of moderate propyllitic alteration. Hosts a large smokey quartz and white carbonate vein with disseminated to blebby pyrite.
										WH				ARG	3I						
									LT	GN				PHC	3I						
									DK	GN	PA			PRO	3I						
																					EOH

KLAZA

Hole: DDH-KL-12-116 Logger Name: D. Walsh

Depth (m)		DESCRIPTION
39.38		Sharp contact between a white carbonate veinlet in moderately phyllic altered granodiorite and a grey green quartz feldspar porphyry dyke. Contact is oriented at 60° TCA.
39.52		Sharp contact between moderately phyllic altered granodiorite and a grey green quartz feldspar porphyry dyke. Contact is oriented at 40° TCA.
50.44		Sharp contact between strongly phyllic altered granodiorite and a grey green quartz feldspar porphyry dyke. Contact is oriented at 35° TCA.
56.62		Sharp contact between black gouge vein and a grey green quartz feldspar porphyry dyke. Contact is oriented at 70° TCA.
60.77		Sharp contact between a 1cm black sulphide gouge vein and a partially gouge altered tan quartz feldspar porphyry dyke. Contact is oriented at 60° TCA.
66.70		Contact between strongly silicified and phyllic altered and a grey green quartz feldspar porphyry dyke is extremely broken up and rubbly. Contact is difficult to determine.
255.94		Sharp contact between a grey gouge vein and a quartz feldspar porphyry dyke.
257.31		Sharp contact between a grey gouge vein and a quartz feldspar porphyry dyke.
274.39		Sharp contact between a moderately phyllic altered granodiorite and a quartz feldspar porphyry dyke.
275.52		Sharp contact between a dark grey gouge veinlet and a quartz feldspar porphyry dyke.
331.73		Sharp contact between a moderately argillic altered granodiorite with a weak potassic overprint and a quartz feldspar porphyry dyke. Oriented at 60° TCA.
333.20		Sharp contact between black gouge and a grey quartz feldspar porphyry dyke. Oriented at 45° TCA.
343.51		Sharp contact between moderate phyllic and propyllitic altered granodiorite and a grey/green quartz feldspar porphyry dyke. Oriented at 75° TCA.
348.41		Sharp contact between strongly silicified and moderately propyllitic altered granodiorite with grey/green quartz feldspar porphyry dyke oriented at 75° TCA.
427.07		Sharp contact between silicified moderately phyllic altered granodiorite and black magnetic dyke hosting disseminated pyrite. Oriented at 50° TCA.
430.75		Sharp contact between black magnetic dyke and partially gouge altered silicified, moderately propyllitic altered granodiorite. Oriented at 50° TCA.
431.16		Sharp contact between black magnetic dyke and partially gouge altered silicified, moderately propyllitic altered granodiorite. Oriented at 50° TCA.

KLAZA

Depth (m)		DESCRIPTION
431.36		Sharp contact between black magnetic dyke and strongly silicified moderate propyllitic altered granodiorite.

KLAZA

Hole: DDH-KL-12-116 **Logger Name:** D. Walsh **Date:**

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	10.21	10.23	0.02	75.00			Py	100.00	Massive pyrite vein.	
VT	11.17	11.52	0.35	45-75			Py	100.00	Six 0.1-0.3cm pyrite veins of differing orientations from 45°-75°.	
ST	11.86	11.94	0.08	80.00			Py	100.00	Five pyrite stringers.	
VT	11.99	12.00	0.01	65.00			Py	30.00	Oxidized 0.8cm white carbonate veinlet hosting disseminated to blebby pyrite.	
VT	12.83	12.84	0.01	60.00			Py	75.00	0.3cm grey quartz and blebby pyrite veinlet.	
VT	14.93	14.94	0.01	70.00			Py	25.00	0.5cm grey quartz and blebby pyrite veinlet.	
VT	15.77	16.11	0.34				Py	100.00	Eleven 0.1cm pyrite veinlets of differing orientations.	
VT	16.50	17.00	0.50	55.00			Py	100.00	Four 0.2cm pyrite veinlets.	
ST	17.23	17.48	0.25	65.00			Py	100.00	Seven pyrite stringers and one pyrite veinlet.	
VT	17.48	17.97	0.49	60-85			Py	70.00	Four 0.3cm quartz/pyrite veinlets and one white carbonate/pyrite veinlet. Oriented at 60-85°.	
VN	18.01	18.10	0.09	65.00			Py	50.00	Milky white quartz vein exhibiting comb texture hosting disseminated to semi-massive pyrite.	
VT	18.13	18.34	0.21	65.00			Py	15.00	Two grey quartz vein hosting disseminated to semi-massive pyrite.	
VN	18.92	18.93	0.01	60.00			Py	20.00	Grey quartz vein hosting blebby pyrite.	
VN	19.45	19.46	0.01	65.00			Py	15.00	Grey quartz vein hosting blebby pyrite.	
VT	19.56	19.65	0.09	60.00			Py	80.00	Two 0.1cm quartz veinlet hosting blebby pyrite.	
GO	20.18	20.42	0.24	60.00			Py	3.00	Partially to fully gouge altered silicified phyllic altered granodiorite. The phyllic clasts hosts disseminated pyrite.	
GO	20.77	21.19	0.42				Py	2.00	White gouge vein hosting disseminated pyrite.	
GO	21.27	21.46	0.19	70.00			Py	<1	Strongly oxidized gouge zone hosting trace amounts of disseminated pyrite.	
VN	22.56	22.57	0.01	80.00			Py	75.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	22.57	22.71	0.14	70.00		2.00	Py	5.00	Two 1.5cm oxidized gouge veins hosting disseminated pyrite.	
VN	24.22	24.26	0.04	60.00					Milky white quartz vein hosting disseminated to semi-massive pyrite.	
BX	26.40	26.85	0.45	30.00			Py	4.00	Long low angle black breccia hosting disseminated pyrite.	
VN	27.65	27.74	0.09	50.00			Py	80.00	Grey quartz vein hosting disseminated to semi-massive pyrite..	
VN	29.53	29.56	0.03	60.00			Py	5.00	Light grey 0.4cm quartz vein hosting disseminated to blebby pyrite and tetrahedrite. Quartz vein exhibits minor comb texture.	
							Tt	4.00		
VN	29.65	29.66	0.01	55.00			Py	8.00	1cm light grey quartz vein hosting disseminated to blebby pyrite and tetrahedrite.	
							Tt	1.00		
VT	29.71	29.76	0.05	60.00		2.00	Py	15.00	A 0.2 and 0.3cm quartz veinlet hosting disseminated pyrite.	
VT	29.89	30.71	0.82	75.00		14.00	Py	50.00	Fourteen grey quartz veinlets (0.1-0.3cm) hosting disseminated pyrite. Oriented 70-80° TCA.	
GO	31.10	31.12	0.02	30.00					Dark grey and white gouge vein.	
VT	31.45	31.65	0.20	55.00		3.00	Py	100.00	Two 0.1cm and one 0.3cm pyrite veinlet.	
GO	32.39	32.51	0.12	70.00			Py	10.00	Oxidized grey gouge vein with silicified phyllic granodiorite clasts. Gouge hosts disseminated to blebby pyrite and one 0.3cm pyrite veinlet.	
VN	32.50	32.55	0.05	70.00			Py	3.00	Smokey quartz vein hosting disseminated to blebby pyrite and is cross-cut by white carbonate stringers.	
BX	32.74	32.91	0.17				Py	5.00	Tan carbonate breccia with grey to smokey quartz clasts and silicified granodiorite clasts. Breccia hosts disseminated to blebby pyrite and sphalerite.	
							Sp	3.00		
VT	33.09	33.33	0.24				Py	3.00	Cross-cutting and intersecting tan carbonate veinlets and stringers forming a net texture in the phyllic altered granodiorite. Carbonate veining hosts disseminated pyrite and possibly disseminate tetrahedrite (?). The granodiorite between netting hosts disseminated pyrite.	
							Tt	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
BX	33.48	33.63	0.15	55.00			Py	5.00	Silicified smokey quartz and grey carbonate breccia. Hosts smokey quartz and white clasts in a grey quartz and light grey carbonate matrix. Breccia is cross-cut by smokey quartz veining and breccia hosting disseminated to blebby pyrite.	
GO	33.65	33.66	0.01	75.00					Oxidized gouge vein.	
VT	33.75	33.76	0.01	75.00			Py	100.00	0.6cm pyrite veinlet.	
VT	34.29	34.30	0.01	60.00			Py	70.00	0.3cm smokey quartz veinlet hosting disseminated to blebby pyrite and sphalerite.	
			0.00				Sp	5.00		
VT	35.28	35.50	0.22	70.00		2.00	Py	100.00	Two 0.2cm pyrite veinlets.	
VT	35.54	35.55	0.01	75.00					0.5cm quartz veinlet hosting disseminated to blebby pyrite and is cross-cut by white carbonate stringers.	
VT	36.13	36.30	0.17	40.00		2.00	Py	15.00	Two 0.1-0.3ccm grey quartz veinlets hosting disseminated to blebby pyrite.	
VN	36.38	36.39	0.01	75.00			Py	20.00	Grey quartz vein hosting a high abundance of carbonate stringers and disseminated pyrite.	
VN	36.87	36.90	0.03	60.00			Py	1.00	White carbonate and smokey quartz vein exhibiting minor amounts of Brecciation with the grey quartz being brecciated by white carbonate. Carbonate exhibits crustiform texture and hosts disseminated pyrite and possibly galena (?).	
							Gn	<1		
GO	37.18	37.19	0.01	60.00					0.6cm oxidized gouge veinlet.	
VT	38.34	39.64	1.30	60.00		6.00	Py	15.00	Six 0.3cm-0.9cm white carbonate and grey quartz veinlet which hosts disseminated to blebby pyrite.	
VT	39.88	39.89	0.01	60.00			Py	100.00	Pyrite veinlet (0.2cm)	
VT	41.06	41.07	0.01	80.00			Py	20.00	0.2cm white carbonate veinlet bounded on either side by disseminated pyrite and possibly disseminated tetrahedrite (?).	
							Tt	4.00		
VN	41.20	41.21	0.01	50.00			Py	40.00	Grey quartz vein hosting minorly brecciated by white carbonate veinlets and hosting disseminated to blebby pyrite.	
VT	44.07	44.08	0.01	80.00			Py	30.00	White carbonate veinlet hosting disseminated to blebby pyrite and possibly disseminate tetrahedrite (?).	
							Tt	5.00		
BX	45.79	45.94	0.15	75.00			Py	3.00	Vuggy white carbonate, moderately oxidized breccia with grey to smokey quartz clasts (1mm-4cm) hosting disseminated to blebby pyrite. Inside the vuggs the white carbonate forms small (<1mm) randomly oriented, platy rhombohedral crystals. Crystals are very similar to the platy crystals found in a hematite iron rose.	
VN	49.46	49.50	0.04	60.00			Py	60.00	A 1.5cm white carbonate vein bounded on either side by grey quartz veinlets ~0.7cm. Vein hosts disseminated to blebby pyrite and tetrahedrite. Tetrahedrite crystals are mostly isolated in the pyrite and white carbonate.	
							Tt	3.00		
VT	50.14	50.37	0.23	60.00		5.00	Py	65.00	Five 0.1cm grey quartz/pyrite veinlets.	
GO	51.71	51.75	0.04				Py	5.00	Tan gouge vein with clear gypsum (?) and grey quartz phenocrysts in quartz feldspar porphyry dyke.	
GO	53.06	53.23	0.17						Tan gouge vein in quartz feldspar porphyry dyke.	
GO	56.62	56.70	0.08	70.00			Py	5.00	White and black gouge vein hosting disseminated to blebby pyrite.	
VN	57.28	57.32	0.04	60.00			Py	40.00	Grey to dark grey quartz vein hosting disseminated to blebby pyrite.	
GO	57.54	57.57	0.03	70.00			Py	7.00	White and black gouge vein hosting disseminated to blebby pyrite.	
GO	58.22	58.23	0.01	50.00					Light grey gouge vein.	
VN	59.71	59.74	0.03	25.00			Py	2.00	Vein of intermixed light tan carbonate and grey quartz. Quartz hosts disseminated pyrite.	
GO	60.77	60.78	0.01	65.00					1cm black gouge vein.	
GO	60.89	60.90	0.01	65.00					Medium grey gouge vein.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	62.23	62.44	0.21	45.00		7.00			Approximately seven quartz stringers.	
BX	66.14	66.20	0.06				Py	1.00	Silicified white carbonate breccia. White carbonate brecciates grey quartz feldspar porphyry dyke and hosts disseminated pyrite.	
BN	66.58	66.70	0.12				Py	1.00	Very rubbly and broken up bended, silicified grey quartz feldspar porphyry dyke hosting smokey quartz blebs which contain disseminated pyrite.	
VN	66.70	66.73	0.03	50.00			Py	3.00	Intermixed smokey quartz and white carbonate vein hosting disseminated to blebby pyrite and tetrahedrite (?). ~50% of the vein is broken up.	
							Tt	2.00		
VN	69.07	69.09	0.02	60.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite and chalcopyrite along with disseminated arsenopyrite.	
							As	1.00		
							Ch	3.00		
GO	69.14	69.40	0.26				Py	10.00	White to black gouge breccia with clasts of intensely silicified granodiorite and smokey quartz vein both of which hosts disseminated to blebby pyrite.	
GO	69.40	69.94	0.54						Gouge altered moderately phyllic altered granodiorite that has been moderately oxidized.	
VN	71.98	71.99	0.01	45.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	72.24	72.44	0.20	10.00			Py	100.00	Low angle 0.7cm pyrite veinlet.	
VN	73.57	73.69	0.12	25.00			Py	14.00	Partially gouge altered milky white quartz vein that is cross-cut by oxidized white carbonate veinlets. Vein hosts disseminated to blebby pyrite.	
VN	74.00	74.03	0.03	45.00			Py	3.00	Milky white quartz vein hosting disseminated to blebby pyrite.	
VN	74.30	74.70	0.40	40.00			Py	3.00	Heavily broken up grey to milky white quartz vein with white quartz eyes and appears to exhibit both comb and crustiform texture. Vein hosts disseminated to blebby pyrite and is moderately oxidized along fracture surfaces.	
VN	74.84	75.09	0.25	70.00		5.00	Py	1.00	Five 1cm grey quartz veins hosting disseminated to blebby pyrite and is moderately oxidized along fracture surfaces.	
VN	75.56	75.68	0.12	20.00			Py	1.00	Milky white to grey quartz vein with white quartz eyes and hosts disseminated to blebby pyrite.	
VN	75.97	75.99	0.02	25.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VN	76.71	76.72	0.01	40.00			Py	5.00	Light grey quartz vein hosting disseminated to blebby pyrite.	
VN	77.11	77.20	0.09	70.00			Py	40.00	Alternating parallel 0.2-0.9cm veinlets of smokey quartz, white carbonate and grey quartz that hosts disseminated to blebby pyrite.	
VN	76.20	78.25	2.05	40.00			Py	3.00	Large grey to milky white quartz vein exhibiting comb texture and hosts disseminated to blebby pyrite.	
VN	79.58	79.60	0.02	50.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	79.67	80.16	0.49	60.00		5.00	Py	100.00	0.1 to 0.2cm pyrite veinlets.	
GO	80.32	80.34	0.02	70.00			Py	<1	Oxidized gouge vein hosting disseminated pyrite.	
VN	80.37	80.38	0.01	60.00			Py	5.00	Grey quartz vein hosting disseminated pyrite.	
VN	81.58	81.59	0.01	30.00			Py	6.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	83.96	83.97	0.01	70.00			Py	15.00	0.6cm grey quartz veinlet hosting disseminated to blebby pyrite.	
VN	85.48	85.51	0.03	20.00			Py	<1	Milky white quartz vein exhibiting minor comb texture and hosts trace amounts of disseminated pyrite.	
VN	86.76	86.78	0.02	30.00			Py	15.00	Light grey quartz vein hosting disseminated pyrite.	
VT	88.56	88.57	0.01	65.00			Py	1.00	Grey quartz veinlet hosting disseminated pyrite (0.4cm)	
VN	93.61	93.62	0.01	35.00			Py	1.00	Grey quartz vein hosting disseminated pyrite and hematite.	
							He	1.00		
VN	94.84	94.90	0.06	30.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VT	95.11	95.12	0.01	70.00			Py	5.00	Grey quartz veinlet hosting disseminated pyrite and hematite (0.5cm)	
							He	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	95.45	95.47	0.02	75.00			Py	60.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	98.27	98.29	0.02	35.00			Py	100.00	Massive pyrite vein.	
VT	99.90	100.88	0.98	10.00			Py	25.00	Long low angle milky white and grey quartz veinlet (0.6-0.9cm) hosting disseminated to blebby pyrite.	
VN	100.88	100.95	0.07	40.00			Py	30.00	Grey to milky white quartz vein hosting disseminated to semi-massive pyrite.	
VN	102.20	102.22	0.02	30.00			Py	3.00	Grey to milky white quartz vein hosting disseminated pyrite.	
VN	104.40	104.47	0.07	25.00			Py	3.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosts disseminated to blebby pyrite and hematite.	
							He	2.00		
VN	104.58	104.62	0.04	20.00			Py	10.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosts disseminated to blebby pyrite and hematite.	
							He	2.00		
VN	105.00	105.05	0.05	30.00			Py	3.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosts disseminated to blebby pyrite and hematite.	
							He	1.00		
VN	105.27	105.52	0.25	20.00		3.00	Py	10.00	Three 1cm grey and milky white quartz vein exhibiting minor amounts of comb texture and hosts disseminated to blebby pyrite and hematite.	
							He	1.00		
VN	105.51	105.55	0.04	20.00			Py	2.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosts disseminated pyrite and hematite.	
							He	1.00		
VN	106.07	106.08	0.01	35.00			Py	5.00	Milky white quartz vein hosting disseminated to blebby pyrite.	
VN	107.90	107.92	0.02	40.00			Py	12.00	Grey green quartz vein hosting disseminated to blebby pyrite.	
VT	112.43	112.44	0.01	75.00			Py	60.00	0.5cm grey quartz veinlet hosting disseminated to blebby pyrite.	
VT	113.73	113.74	0.01	40.00			Py	40.00	0.8cm dark grey quartz vein hosting disseminated pyrite.	
VN	114.18	114.22	0.04	50.00			Py	40.00	Grey quartz vein hosting disseminated to semi-massive pyrite.	
BX	114.28	114.30	0.02	40.00			Py	60.00	Smokey quartz breccia with white carbonate and pyrite clasts.	
GO	114.99	115.07	0.08	30.00					Grey and pink gouge vein.	
VT	115.80	115.81	0.01	60.00			Py	20.00	0.2cm smokey quartz veinlets hosting disseminated pyrite	
VT	116.18	116.19	0.01				Py	45.00	Smokey quartz veinlet hosting disseminated to blebby pyrite.	
GO	116.23	116.26	0.03	60.00			Py	30.00	White gouge vein hosting an abundance of disseminated to blebby pyrite, chalcopyrite and black sulphide.	
							Ch	10.00		
BX	116.26	116.38	0.12	40.00			Py	40.00	Grey quartz breccia with black sulphide and pyrite stringers and smokey quartz veinlets and stringers. Breccia hosts disseminated to blebby pyrite.	
VN	116.50	116.53	0.03				Py	50.00	Grey quartz vein hosting disseminated to blebby pyrite. Vein is heavily broken up and rubbly.	
GO	117.30	117.33	0.03	40.00			Py	20.00	Black gouge vein hosting disseminated to blebby pyrite.	
GO	117.43	117.44	0.01				Py	5.00	Grey to dark grey gouge vein hosting disseminated to blebby pyrite.	
VN	120.10	120.11	0.01	30.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	121.43	123.00	1.57			16.00	Py	20.00	Sixteen grey to smokey quartz veinlets hosting disseminated to blebby pyrite.	
VN	121.94	122.00	0.06	55.00			Py	3.00	Grey and light tan quartz vein hosting disseminated pyrite.	
VN	123.61	123.64	0.03	30.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	123.78	123.80	0.02	45.00			Py	5.00	Grey to black gouge vein hosting disseminated pyrite.	
BX	123.86	123.89	0.03	50.00			Py	5.00	Grey to smokey quartz breccia with clasts of white carbonate and pyrite.	
VN	124.69	124.70	0.01	60.00			Py	<1	Milky white quartz vein hosting disseminated pyrite.	
VT	125.06	125.67	0.61	70.00		4.00	Py	20.00	Four smokey quartz veinlets (0.2-0.4cm) hosting disseminated pyrite.	
VN	127.08	127.11	0.03	35.00			Py	2.00	Grey quartz vein hosting disseminated to blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	127.88	127.89	0.01	70.00			Py	1.00	Grey quartz veinlet hosting disseminated pyrite (0.6cm)	
VN	128.49	128.51	0.02	25.00			Py	<1	Milky white quartz vein exhibiting comb texture hosting disseminated pyrite.	
GO	129.06	129.20	0.14				Py	1.00	Grey quartz to black gouge zone hosting disseminated pyrite and green phyllic altered clasts.	
VN	137.14	137.16	0.02	40.00			Py	1.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosting trace disseminated pyrite.	
VN	138.47	138.55	0.08	40.00			Py	1.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosting trace disseminated pyrite.	
VN	139.73	139.75	0.02	50.00			Py	1.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosting trace disseminated pyrite.	
VN	139.80	139.85	0.05	40.00			Py	2.00	Grey and milky white quartz vein exhibiting minor amounts of comb texture and hosting trace disseminated pyrite.	
VN	144.91	144.98	0.07	75.00			Py	40.00	Smokey quartz vein brecciating minor amounts of carbonate veining and hosting disseminated to blebby pyrite and disseminate chalcopyrite, arsenopyrite and galena.	
							As	1.00		
							Gn	1.00		
							Ch	5.00		
VT	150.67	150.68	0.01	70.00			Py	15.00	0.8cm grey quartz vein hosting disseminated pyrite and hematite.	
							He	3.00		
VN	150.85	150.86	0.01	70.00			Py	2.00	Grey quartz vein hosting disseminated pyrite.	
VT	160.69	160.70	0.01	65.00			Ep	100.00	0.1cm epidote veinlet	
VN	163.14	163.15	0.01	40.00			Py	1.00	Intermixed grey quartz and white carbonate vein hosting disseminated pyrite.	
VN	165.21	165.22	0.01	75.00			Py	8.00	Grey quartz vein hosting disseminated to blebby pyrite and is cross-cut by multiple tan carbonate veinlets and stringers.	
GO	166.22	166.24	0.02	60.00					Grey gouge vein.	
VN	166.47	166.48	0.01	50.00			Py	2.00	Tan carbonate vein hosting disseminated pyrite.	
VN	166.57	166.59	0.02	75.00			Py	60.00	Smokey quartz vein hosting disseminated to blebby pyrite and has a 0.2cm white carbonate veinlet running parallel through its center.	
VN	166.65	166.73	0.08	80.00			Py	5.00	Smokey quartz vein hosting disseminate pyrite.	
BX	167.33	167.37	0.04	50.00			Py	1.00	Grey quartz breccia with tan carbonate hosting disseminated pyrite.	
VT	168.52	168.89	0.37	45.00		8.00	Py	10.00	Eight 0.1-0.3cm smokey quartz veinlets in strongly phyllic altered granodiorite both of which hosts disseminated pyrite.	
BX	167.90	167.91	0.01	40.00			Py	2.00	Smokey quartz breccia with small 1mm clasts of grey quartz and white carbonate along with disseminated pyrite.	
BX	168.10	168.14	0.04	85.00			Py	2.00	Smokey quartz breccia with grey quartz and phyllic altered granodiorite clasts. Hosts disseminated pyrite.	
VN	168.17	168.19	0.02	75.00			Py	65.00	Grey quartz vein hosting disseminated to semi-massive pyrite.	
GO	168.59	168.61	0.02	45.00					Grey gouge vein.	
VN	169.71	169.73	0.02	70.00			Py	15.00	Grey quartz vein hosting disseminated pyrite and is cross-cut by an abundance of tan carbonate stringers.	
VT	172.40	172.50	0.10			2.00	Py	7.00	Two 0.3-0.4cm grey quartz veinlets which hosts disseminated pyrite and is cross-cut by an abundance tan carbonate stringers.\	
VN	172.72	173.00	0.28	40.00			Py	1.00	Grey to smokey quartz vein hosting disseminated pyrite and phyllic altered granodiorite clasts. Quartz veining exhibits net texture.	
VT	174.29	174.30	0.01	80.00			Py	1.00	0.8cm grey quartz veinlet hosting disseminated pyrite and is cross-cut by light tan carbonate stringers.	
VN	177.19	177.20	0.01	70.00			Py	<1	Grey quartz vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	177.25	177.62	0.37	60.00			Py	7.00	Grey to milky white quartz vein with clasts of silicified phyllic altered granodiorite which hosts disseminated to blebby pyrite.	
GO	177.64	177.68	0.04	35.00					Grey gouge vein.	
VN	179.53	179.54	0.01	50.00			Py	5.00	Grey quartz and white carb carbonate vein hosting blebby pyrite.	
VT	181.38	181.50	0.12	75.00		3.00	Py	5.00	Three 0.2cm white carbonate veinlets hosting disseminated pyrite.	
VN	183.25	183.27	0.02	30.00			Py	5.00	Grey quartz vein hosting disseminated pyrite.	
VN	183.60	183.61	0.01	65.00			Py	1.00	Grey quartz vein hosting disseminated pyrite.	
VT	184.86	184.87	0.01	35.00			Py	20.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
VN	185.15	185.16	0.01	80.00			Py	5.00	Grey quartz vein with a 0.3cm white carbonate veinlet running through the center. Quartz hosts disseminated pyrite.	
VN	188.70	188.71	0.01	80.00			Py	1.00	White carbonate vein hosting disseminated pyrite and is cross-cut by a 1mm smokey quartz veinlet.	
VN	188.56	188.59	0.03	70.00			Py	1.00	White carbonate vein hosting a few grey quartz clasts.	
VN	189.05	189.08	0.03	80.00			Py	1.00	Grey quartz and white carbonate vein hosting disseminated pyrite.	
VT	194.54	194.62	0.08	65.00		2.00	Py	10.00	Two grey quartz veinlets (0.7cm) hosting disseminated pyrite.	
VN	194.97	194.99	0.02	70.00			Py	80.00	Grey quartz vein hosting blebby pyrite.	
GO	195.68	195.93	0.25				Py	1.00	Grey gouge zone hosting disseminated pyrite.	
VN	196.15	196.17	0.02	80.00			Py	<1	White carbonate vein that minorly brecciates grey quartz and host trace amounts of disseminated pyrite.	
VT	197.59	197.83	0.24	80.00		5.00	Py	8.00	Five 0.4cm-0.8cm grey quartz veinlets hosting disseminated pyrite and are cross-cut by multiple tan carbonate veinlets and stringers.	
GO	198.46	198.51	0.05	25.00			Py	15.00	Grey gouge vein hosting blebby pyrite.	
VN	198.81	198.83	0.02	80.00			Py	15.00	Grey quartz vein hosting blebby pyrite.	
GO	198.98	199.44	0.46				Py	<1	Partially gouge altered moderately phyllic altered granodiorite hosting disseminated pyrite.	
VN	199.44	199.72	0.28				Py	3.00	Partially gouge altered smokey quartz vein hosting disseminated pyrite.	
VN/VT	199.83	200.56	0.73	75.00		13.00	Py	3.00	Thirteen grey to smokey quartz veins and veinlets (0.3-1cm) which hosts disseminated pyrite.	
BX	200.56	200.62	0.06	60.00			Py	2.00	Smokey quartz breccia hosting disseminated pyrite and white carbonate and phyllic granodiorite clasts.	
VN	200.81	200.86	0.05	80.00			Py	20.00	Grey quartz vein hosting disseminated to blebby pyrite and sphalerite. Vein is cross-cut by tan carbonate veinlets.	
							Sp	10.00		
VT	200.89	200.98	0.09	85.00		2.00	Py	3.00	Two 0.4-0.6cm grey quartz veinlets hosting disseminated pyrite and is cross-cut by tan carbonate stringers.	
GO	201.14	201.17	0.03	45.00			Py	1.00	Grey gouge vein hosting disseminated pyrite.	
BX	201.30	201.40	0.10	70.00			Py	1.00	Vuggy smokey quartz breccia hosting disseminated pyrite along with white carbonate and phyllic granodiorite clasts.	
GO	201.47	201.54	0.07	40.00			Py	1.00	Grey gouge vein hosting disseminated pyrite.	
GO	202.50	203.39	0.89				Py	1.00	Partially gouge altered moderately phyllic altered granodiorite hosting disseminated pyrite and multiple pyrite stringers.	
VN	203.47	203.49	0.02	85.00			Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	205.25	205.27	0.02	60.00			Py	7.00	Smokey quartz vein hosting disseminated to blebby pyrite and is cross-cut by tan carbonate stringers.	
GO	207.33	208.28	0.95						Partially gouge altered moderately phyllic granodiorite.	
VT	208.21	208.22	0.01	80.00			Py	3.00	White carbonate veinlet hosting blebby pyrite (0.8cm).	
VN	208.42	208.57	0.15				Py	3.00	Smokey quartz vein hosting disseminated pyrite and is cross-cut by white carbonate stringers. Vein is broken up and rubbly.	
VT	208.74	209.04	0.30				Py	3.00	Vuggy interconnected light tan carbonate veinlets forming a net texture in the strongly silicified phyllic granodiorite which host disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
GO	209.71	209.74	0.03	30.00					White gouge vein hosting clasts of moderate phyllic altered granodiorite.	
GO	210.10	220.20	10.10						Grey gouge vein.	
GO	210.27	210.31	0.04				Py	5.00	Grey to black gouge vein hosting disseminated pyrite.	
VN	210.33	210.39	0.06	75.00			Py	3.00	Grey quartz and tan carbonate vein hosting disseminated pyrite.	
VN	212.91	212.92	0.01	60.00			Py	<1	White carbonate vein hosting disseminated pyrite.	
VN	212.97	212.99	0.02	85.00			Py	4.00	Quartz vein of intermixed grey, brown and smokey quartz which hosts disseminated pyrite and is cross-cut by white carbonate stringers.	
VN	213.02	213.06	0.04	75.00			Py	3.00	White carbonate vein which hosts grey quartz blebs which hosts disseminated pyrite.	
VT	213.70	213.71	0.01	65.00			Py	4.00	Grey quartz veinlet hosting disseminated pyrite (0.7cm).	
VT	214.03	214.04	0.01	75.00			Py	12.00	Grey 0.8cm grey quartz veinlet hosting disseminated to blebby pyrite.	
VT	214.68	214.69	0.01	45.00			Py	5.00	0.5cm smokey quartz veinlet hosting disseminated to blebby pyrite.	
VT	215.63	216.56	0.93	75.00		6.00	Py	5.00	Six 0.2cm smokey quartz veinlet hosting disseminated to blebby pyrite.	
VN	218.44	218.45	0.01	80.00			Py	30.00	Grey quartz and white carbonate veinlet hosting disseminated to blebby pyrite.	
VN	218.76	218.79	0.03	80.00			Py	5.00	Tan carbonate vein with grey quartz blebs hosting disseminated to blebby pyrite and is cross-cut by a 2mm smokey quartz vein.	
BX	217.98	218.04	0.06	70.00			Py	1.00	White carbonate breccia with smokey quartz clasts and hosts disseminated pyrite.	
VT	220.12	220.13	0.01	85.00			Py	5.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VT	223.76	223.77	0.01	75.00			Py	20.00	0.5cm quartz pyrite veinlet.	
VN	226.84	226.89	0.05	55.00			Py	15.00	Smokey quartz vein hosting disseminated to blebby pyrite and sphalerite. Vein is cross-cut by minor white carbonate veinlets.	
							Sp	15.00		
VN	227.26	227.50	0.24	65.00			Py	20.00	Smokey quartz vein hosting disseminated to blebby pyrite and disseminated sphalerite.	
							Sp	3.00		
VN	227.52	227.64	0.12	35.00		3.00	Py	1.00	Three tan carbonate veins cross-cut by multiple 0.1cm grey quartz veinlets. Hosting disseminated pyrite.	
VT	227.66	227.67	0.01	75.00			Py	20.00	Grey quartz veinlet hosting disseminated to blebby pyrite.	
VT	227.82	227.91	0.09						Interconnected light tan carbonate veinlets forming a net texture in the moderately phyllic granodiorite.	
VN	228.35	228.40	0.05	85.00			Py	5.00	Vuggy smokey quartz vein hosting disseminated to blebby pyrite and exhibits minor amounts of Brecciation with clasts of strongly phyllic altered granodiorite.	
VN	228.60	228.97	0.37	70.00		7.00	Py	2.00	Seven 0.4cm-0.9cm smokey quartz veins hosting disseminated pyrite.	
VN	229.18	229.38	0.20				Py	25.00	Abundance of smokey quartz veining that forms a net texture in intensely silicified and phyllic granodiorite. Hosts disseminated to blebby pyrite.	
VN	229.44	229.61	0.17	80.00			Py	75.00	Smokey quartz vein hosting disseminated to massive pyrite and disseminated to blebby sphalerite and galena. Cross-cut by two 0.1cm white carbonate veinlets.	
							Sp	4.00		
							Gn	4.00		
VN	229.96	230.01	0.05	60.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
GO	230.39	230.40	0.01	60.00					Grey gouge vein.	
BX	230.52	230.57	0.05	75.00			Py	1.00	Silicified grey to smokey quartz breccia hosting disseminated pyrite.	
VT	231.21	231.22	0.01	80.00			Py	5.00	0.8cm grey quartz veinlet hosting disseminated pyrite.	
VN	232.79	232.80	0.01	85.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	232.83	232.85	0.02	70.00		2.00	Py	30.00	Two 0.2cm smokey quartz veinlets that hosts disseminated pyrite.	
VT	233.25	233.38	0.13	75.00		5.00	Py	60.00	Five 0.2cm smokey quartz veinlets which hosts disseminated to blebby pyrite and sphalerite.	
							Sp	15.00		
VN	232.45	232.46	0.01	30.00			Py	5.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	233.14	233.53	0.39	80.00		6.00	Py	15.00	Six 0.2cm-0.5cm grey quartz veinlets hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	233.60	233.61	0.01	60.00			Py	85.00	Grey quartz and white carbonate vein hosting semi-massive pyrite.	
VN	235.61	236.62	1.01	65.00			Py	2.00	White carbonate vein hosting disseminated pyrite.	
V T	236.52	236.53	0.01	55.00			Py	5.00	0.7cm smokey quartz veinlet hosting disseminated pyrite.	
VT	237.35	237.36	0.01	60.00			Py	5.00	0.7cm smokey quartz veinlet hosting disseminated pyrite.	
VT	239.07	239.16	0.09	75.00		3.00	Py	15.00	Three 0.1cm smokey quartz and pyrite veinlet.	
VN	242.03	242.05	0.02	80.00			Py	<1	Parallel 1cm white calcite and 1cm grey quartz veins hosting disseminated pyrite.	
VN	245.33	245.35	0.02	50.00			Py	5.00	Intermixed white carbonate and smokey quartz vein hosting disseminated to blebby pyrite.	
VN	245.36	245.42	0.06	70.00					Light carbonate vein.	
VT	246.90	246.91	0.01	75.00			Py	<1	0.6cm tan carbonate veinlet hosting disseminated pyrite.	
VN	246.96	246.99	0.03	80.00			Py	20.00	Grey quartz vein hosting disseminated pyrite.	
VN	247.02	247.05	0.03	80.00			Py	15.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite and is cross-cut by a 0.4cm white carbonate veinlet.	
VT	247.95	247.96	0.01	85.00			Py	50.00	0.6cm grey quartz veinlet hosting disseminated to blebby pyrite and sphalerite along with disseminated galena and arsenopyrite.	
							As	1.00		
							Gn	3.00		
							Sp	20.00		
GO	255.94	255.95	0.01	85.00					Grey gouge vein.	
GO	257.31	257.33	0.02	85.00					Grey gouge vein.	
BX	258.04	258.13	0.09	25.00			Py	2.00	Black breccia vein hosting disseminated pyrite and has clasts of argillic altered granodiorite in a smokey quartz matrix.	
BX	258.41	258.49	0.08	50.00			Py	2.00	Black breccia vein hosting disseminated pyrite and has clasts of argillic altered granodiorite in a smokey quartz matrix.	
VT	259.00	259.85	0.85	85.00		6.00	Py	35.00	Six 0.2-0.3cm grey quartz veinlets hosting disseminated to blebby pyrite.	
VT	260.33	260.34	0.01	80.00			Py	40.00	0.1cm smokey quartz veinlet hosting disseminated pyrite.	
VN	260.79	260.81	0.02	85.00			Py	8.00	Smokey quartz vein with a 0.4cm white calcite vein running through the center. The quartz vein hosts disseminated pyrite.	
VN	261.01	261.03	0.02	80.00			Py	10.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	264.15	264.16	0.01	80.00			Py	10.00	Milky white quartz vein hosting disseminated to blebby pyrite.	
VT	264.31	264.70	0.39	20.00					Long low angle light tan quartz veinlet that minorly brecciates the argillic granodiorite.	
VN	267.66	267.67	0.01	75.00			Py	3.00	Smokey quartz vein hosting disseminated pyrite and is cross-cut by an abundance of light tan carbonate stringers.	
BX	268.24	268.27	0.03	80.00			Py	<1	Smokey quartz breccia hosting disseminated pyrite and has small (0.1cm-0.3cm) clasts of moderate phyllic altered granodiorite.	
VN	268.41	268.42	0.01	85.00			Py	8.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	231.17	231.18	0.01	80.00			Py	100.00	0.3cm pyrite veinlet.	
VN	273.92	273.96	0.04	80.00			Py	90.00	Smokey quartz and semi-massive pyrite vein.	
VT	273.96	274.10	0.14	80.00		5.00	Py	50.00	Five 0.1cm-0.2cm quartz pyrite veinlets.	
GO	275.54	275.55	0.01	70.00					0.8cm grey gouge veinlet.	
VT	275.74	275.75	0.01	80.00			Py	8.00	0.8cm grey quartz veinlet hosting blebby pyrite.	
VN	279.20	279.21	0.01	80.00			Py	7.00	Grey quartz vein hosting blebby pyrite.	
VT	280.31	280.53	0.22	75.00		3.00	Py	65.00	Three 0.4-0.9cm grey quartz veinlets hosting disseminated to blebby pyrite.	
VN	280.81	280.98	0.17	15.00			Py	1.00	Long low angle grey quartz and white carbonate hosting disseminated pyrite.	
VT	284.89	284.90	0.01	50.00			Ep	30.00	0.3cm grey quartz veinlet hosting blebby epidote.	
BX	285.39	285.45	0.06	70.00			Py	10.00	Breccia of white carbonate brecciating the grey quartz which hosts disseminated to blebby pyrite.	
VN	296.00	296.02	0.02	75.00			Py	80.00	Grey quartz and semi-massive pyrite vein hosting a few white carbonate blebs.	
VN	296.27	296.28	0.01				Py	10.00	Grey quartz vein cross-cut by light tan pyrite stringers and hosts disseminated to blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	296.66	296.67	0.01				Py	80.00	0.2cm tan carbonate veinlet hosting disseminated to blebby pyrite.	
VN	297.06	297.07	0.01	83.00			Py	5.00	Smokey quartz vein hosting disseminated pyrite.	
VT	297.24	297.25	0.01	55.00			Py	25.00	Grey quartz and tan carbonate veinlet hosting disseminated to blebby pyrite (0.6cm)	
VN	297.68	297.69	0.01	70.00			Py	40.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VN	297.92	297.99	0.07	80.00			Py	10.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite. Containing elongate clasts or veinlet segments of white carbonate.	
VN	298.11	298.28	0.17	50.00			Py	20.00	Grey quartz vein where smokey quartz veining has brecciated white carbonate segments and grey quartz. The whole vein hosts disseminated to blebby pyrite.	
VN	298.48	298.56	0.08	80.00			Py	75.00	Grey to smokey quartz vein hosting disseminated to semi-massive pyrite.	
VT	298.93	298.94	0.01	40.00			Py	10.00	0.8cm grey quartz vein hosting disseminated to blebby pyrite.	
VT	299.12	299.20	0.08	75.00		2.00	Py	5.00	Two 0.4cm smokey quartz veinlets hosting disseminated pyrite.	
VT	299.83	300.47	0.64	60.00		9.00	Py	5.00	Nine 0.2cm-0.4cm veinlets hosting disseminated pyrite.	
VN	300.74	300.83	0.09	80.00			Py	5.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
BX	300.83	300.95	0.12	75.00			Py	15.00	Smokey quartz breccia with silicified phyllic granodiorite clasts and hosts disseminated to blebby pyrite.	
GO	301.07	301.13	0.06	85.00			Py	3.00	Partially gouge altered moderate phyllic altered granodiorite hosting disseminated pyrite.	
VT	301.45	301.46	0.01	30.00			Py	75.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
VN	301.86	301.88	0.02	60.00			Py	1.00	Smokey quartz vein hosting disseminated pyrite.	
VN	302.87	302.88	0.01	80.00			Py	15.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
GO	302.94	302.95	0.01				Py	2.00	Dark grey to black gouge vein hosting disseminated pyrite.	
VT	302.95	302.96	0.01	80.00			Py	30.00	0.3cm grey quartz vein hosting disseminated to blebby pyrite.	
VT	306.43	306.50	0.07	80.00		9.00	Py	8.00	Veinlet zone with nine 0.1cm smokey quartz veinlets with disseminated to blebby pyrite between veinlets in the silicified phyllic granodiorite.	
VN	310.98	311.01	0.03	40.00			Py	7.00	Milky white quartz and white carbonate vein hosting disseminated pyrite and hematite.	
							He	7.00		
VN	312.05	312.06	0.01	40.00			Py	2.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
VN	313.69	313.70	0.01	40.00			Py	2.00	Smokey quartz and white carbonate vein hosting disseminated pyrite.	
BX	316.77	317.84	1.07	80.00			Py	<1	Green and smokey quartz breccia with grey quartz and argillic altered granodiorite clasts in a green and smokey quartz matrix which hosts trace amounts of disseminated pyrite.	
BX	317.10	317.12	0.02	85.00			Py	<1	Smokey quartz breccia with grey quartz and argillic granodiorite clasts in smokey quartz matrix that hosts disseminated pyrite (1.5cm).	
BX	317.30	317.52	0.22	80.00			Py	<1	Breccia with a grey to smokey quartz matrix that has phyllic granodiorite clasts and green clasts (possibly quartz feldspar porphyry dyke?) which have blebs of white carbonate. Quartz matrix hosts disseminated pyrite.	
GO	317.52	317.53	0.01	85.00			Py	1.00	Black gouge vein hosting disseminated pyrite.	
VN	319.20	319.21	0.01	60.00			Py	10.00	Light grey to grey quartz vein hosting disseminated to blebby pyrite.	
BX	321.45	321.46	0.01	70.00			Py	3.00	Black breccia vein hosting disseminated pyrite.	
BX	321.52	321.79	0.27	70.00			Py	6.00	Breccia with a grey to smokey quartz matrix with grey quartz, pyrite and phyllic altered granodiorite clasts.	
VT	323.87	324.06	0.19	25.00		2.00	Py	60.00	Two smokey quartz veinlet hosting disseminated to blebby pyrite and disseminate chalcopyrite.	
							Ch	5.00		
VT	324.59	324.60	0.01	30.00			Py	70.00	Smokey quartz and white carbonate veinlets (0.5cm) hosting blebby pyrite and disseminated galena.	
							Gn	1.00		
VT	325.93	325.94	0.01	10.00			Py	40.00	0.4cm grey quartz veinlet hosting blebby pyrite.	
VN	326.26	326.29	0.03	80.00			Py	50.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
BX	328.41	328.42	0.01	70.00			Py	1.00	Black breccia vein white a smokey quartz matrix hosting disseminated pyrite and clasts of argillic altered granodiorite.	
VT	328.76	328.77	0.01	35.00			Py	5.00	White/tan carbonate veinlet (0.6cm) hosting blebby pyrite.	
BX	329.16	329.28	0.12	55.00			Py	1.00	Black breccia vein with a smokey quartz matrix hosting disseminated pyrite and clasts of phyllic altered granodiorite and grey quartz.	
BX	330.14	330.22	0.08	75.00			Py	<1	Grey to smokey quartz breccia hosting silicified phyllic and argillic altered granodiorite clasts. Matrix hosts disseminated pyrite.	
BX	330.39	330.95	0.56	70.00			Py	2.00	Grey to smokey quartz breccia hosting silicified phyllic and argillic altered granodiorite clasts. Matrix hosts disseminated to blebby pyrite.	
BX	331.10	331.13	0.03	60.00					Grey quartz breccia with grey quartz clasts and phyllic/argillic altered granodiorite clasts.	
GO	333.20	333.42	0.22	50.00			Py	1.00	White to black gouge hosting disseminated pyrite and 0.1cm to 1cm clasts of moderately phyllic altered granodiorite.	
VN	333.44	333.47	0.03	50.00			Py	5.00	Grey and smokey quartz vein hosting disseminated to blebby pyrite.	
VN	337.26	337.30	0.04	60.00			Py	1.00	Milky white quartz vein hosting disseminated pyrite.	
BX	342.49	342.50	0.01	70.00					Dark grey breccia whit <1mm phyllic altered granodiorite clasts.	
BX	342.66	342.73	0.07	85.00					Dark grey breccia whit <3mm phyllic altered granodiorite clasts.	
BX	342.85	342.89	0.04	60.00			Py	2.00	Black breccia with a smokey quartz matrix hosting disseminated pyrite and clasts of grey quartz and phyllic altered granodiorite.	
VN	343.14	343.16	0.02	25.00			Py	2.00	Milky white quartz vein hosting blebby pyrite.	
VN	348.90	349.20	0.30	20.00			Py	1.00	Long low angle quartz vein exhibiting minor comp texture with argillic altered granodiorite in the centre which hosts blebby pyrite.	
BX	349.53	350.26	0.73	70.00			Py	1.00	Grey to smokey quartz breccia with 1mm to 6cm sized clasts of phyllic and argillic altered granodiorite and grey/green quartz feldspar porphyry dyke. Matrix hosts disseminated pyrite. Smokey quartz at the top of the breccia exhibits parallel wavy texture which hosts <1mm clasts of argillic altered granodiorite.	
BX	350.71	350.73	0.02	75.00			Py	1.00	Black breccia vein hosting disseminated pyrite and <1cm clasts of argillic altered granodiorite in a smokey quartz matrix.	
BX	350.91	351.14	0.23	80.00			Py	<1	Grey to dark grey quartz breccia with argillic and phyllic altered granodiorite clasts and the occasional grey/green quartz feldspar porphyry dyke clasts. The quartz matrix hosts disseminated pyrite.	
BX	351.29	351.33	0.04	80.00			Py	8.00	Smokey quartz breccia hosting disseminated to blebby pyrite and phyllic/argillic clasts.	
BX	351.90	352.39	0.49	80.00			Py	8.00	Grey to dark grey quartz breccia with argillic and phyllic altered granodiorite clasts and the occasional grey/green quartz feldspar porphyry dyke clasts. The quartz matrix hosts disseminated pyrite.	
VN	360.25	360.30	0.05	30.00			Py	<1	Dark grey quartz vein hosting disseminated pyrite.	
VN	360.35	361.47	1.12	20.00			Py	1.00	Long low angle broken up grey-white quartz vein hosting disseminated to blebby pyrite.	
GO	361.04	361.22	0.18	20.00			Py	1.00	Grey to black gouge veinlet (0.5cm) cross-cutting a grey/white quartz vein hosting disseminated to blebby pyrite.	
VN	361.52	361.55	0.03	30.00			Py	<1	Grey to white quartz vein hosting disseminated pyrite and hematite.	
							He	3.00		
VN	362.07	362.10	0.03	40.00			Py	<1	Milky white quartz vein hosting trace amounts of disseminated pyrite.	
VN	363.28	363.30	0.02	50.00			Py	10.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite.	
VN	364.54	364.56	0.02	40.00			Py	50.00	Grey quartz vein hosting disseminated to blebby pyrite.	
VT	365.11	365.12	0.01	40.00			Py	10.00	Grey quartz and white carbonate veinlet (0.6cm) hosting disseminated pyrite.	
GO	365.56	365.80	0.24	15.00					1cm wide long low angle gouge vein.	
GO	366.02	366.03	0.01	65.00			Py	5.00	White to grey 1cmm gouge vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
GO	367.11	367.16	0.05	50.00			Py	1.00	Partially gouge altered granodiorite with moderately phyllic and silicified granodiorite clasts. Hosts disseminated pyrite.	
GO	367.51	367.54	0.03	70.00			Py	1.00	Partially gouge altered granodiorite with moderately phyllic and silicified granodiorite clasts. Hosts disseminated pyrite.	
GO	367.92	367.93	0.01	60.00			Py	1.00	1cm grey gouge vein hosting disseminated pyrite.	
VN	368.16	368.19	0.03	80.00					Smokey quartz vein.	
BX	368.29	368.46	0.17	85.00			Py	5.00	Black breccia with silicified phyllic altered granodiorite clasts in a smokey quartz matrix. The matrix host disseminated pyrite.	
VN	368.50	368.60	0.10	75.00			Py	1.00	Smokey quartz vein hosting disseminated pyrite and is cross-cut by a 0.6cm pyrite veinlet oriented at 75 ° TCA	
GO	368.60	369.23	0.63	70.00			Py	10.00	White and black gouge zone hosting disseminated pyrite.	
VN	369.26	369.41	0.15	70.00			Py	65.00	Grey quartz and disseminated to massive pyrite vein.	
ST	369.57	369.80	0.23	60.00			Py	15.00	Two grey quartz stringers hosting pyrite and sphalerite.	
							Sp	35.00		
VN	371.16	371.98	0.82	20.00			Py	3.00	Long low angle quartz vein hosting disseminated pyrite. Containing clasts of moderately phyllic altered granodiorite.	
VN	372.64	372.82	0.18	10.00			Py	3.00	Long low angle 1cm grey quartz vein hosting blebby pyrite.	
VN	376.76	376.85	0.09	20.00			Py	10.00	Milky white quartz vein hosting disseminated to blebby pyrite and patches of propyllitic altered granodiorite.	
VN	377.36	377.37	0.01	65.00			Py	40.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite. Vein is paralleled by a 0.3cm light tan veinlet hosting disseminated to blebby pyrite.	
VT	377.56	377.71	0.15	70.00		3.00	Py	100.00	Three 0.2cm pyrite veinlets.	
BX	379.19	379.22	0.03	75.00			Py	1.00	Smokey quartz breccia with grey quartz and white carbonate clasts.	
VT/ST	380.48	380.49	0.01	17.00		29.00	Py	100.00	~29 sheeted pyrite veinlets (0.1cm) and stringers.	
GO	383.91	384.13	0.22						Partially gouge altered phyllic granodiorite.	
VT	383.75	383.76	0.01	30.00			Py	100.00	0.2cm pyrite veinlet with a 1cm intensely silicified envelope.	
VT	385.41	385.45	0.04	30.00		2.00	Py	100.00	Two 0.1cm veinlets with 1cm intensely silicified envelopes.	
VT	385.69	385.70	0.01	30.00			Py	1.00	Milky white quartz vein hosting disseminated pyrite (0.7cm)	
VT	386.03	386.04	0.01	30.00			Py	50.00	0.4cm grey quartz and blebby pyrite veinlet.	
VN	387.90	388.13	0.23	50.00			Py	5.00	Grey to dark grey quartz vein hosting disseminated to blebby pyrite and clasts (<1cm) of phyllic granodiorite that host disseminated pyrite.	
VT	388.56	388.57	0.01	30.00			Py	75.00	0.3cm grey quartz and disseminated pyrite and a 1cm intensely silicified envelope.	
VT	388.85	388.86	0.01	80.00			Py	7.00	0.3cm grey quartz veinlet hosting disseminated pyrite and sphalerite. Veinlet is cross-cut by light tan carbonate stringers.	
							Sp	3.00		
VT	389.23	389.24	0.01	70.00			Py	45.00	Grey and white carbonate veinlet hosting blebby pyrite.	
VN	389.52	389.56	0.04	45.00			Py	25.00	Discontinuous grey to dark grey quartz vein hosting disseminated to blebby pyrite.	
ST	389.72	390.15	0.43	25.00		4.00	Py	100.00	Four pyrite stringers.	
VT	391.12	391.55	0.43			6.00	Py	100.00	Six 0.1cm pyrite stringers with a 1cm intensely silicified envelope.	
ST	392.12	392.18	0.06	35.00		2.00	Py	100.00	Two pyrite stringer's with 1cm intensely silicified envelopes.	
VT	392.60	392.61	0.01	30.00			Py	100.00	0.2cm pyrite veinlet with a 1cm intensely silicified envelope.	
GO	393.49	393.50	0.01	55.00			Py	1.00	Black gouge vein hosting disseminated pyrite.	
VT	393.76	393.86	0.10	30.00		2.00	Py	100.00	Two 0.1-0.3cm pyrite veinlets with 1cm intensely envelopes.	
VT	396.57	396.67	0.10	35.00		2.00	Py	30.00	Two 0.4 cm quartz/pyrite veinlets.	
VT	397.58	397.75	0.17	25.00			Py	75.00	0.2cm quartz pyrite veinlet with a intensely silicified 1cm envelope.	
VT	399.47	399.58	0.11	25.00			Py	30.00	0.4cm grey quartz veinlet hosting disseminated pyrite.	
VT	400.87	400.88	0.01	50.00			Py	5.00	Grey quartz vein hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	401.43	401.44	0.01	40.00			Py	10.00	Smokey quartz and white carbonate vein hosting disseminated to blebby pyrite.	
VT	403.85	403.86	0.01	70.00			Py	15.00	White carbonate and grey quartz veinlet (0.5cm) hosting disseminated to blebby pyrite, molybdenum and chalcopyrite.	
							Mb	8.00		
							Ch	3.00		
VN	404.47	404.49	0.02	60.00			Py	30.00	White carbonate and grey quartz veinlet (0.5cm) hosting disseminated to blebby pyrite.	
VT	404.62	404.63	0.01	70.00			Py	100.00	Dark grey quartz vein hosting disseminated to blebby pyrite.	
VN	404.65	404.68	0.03	80.00			Py	1.00	0.5cm pyrite veinlet.	
VT	404.47	404.93	0.46	5.00			Py	75.00	White carbonate vein cross-cutting by two 0.3cm grey quartz veinlets.	
VN	405.77	405.80	0.03	45.00			Py	10.00	0.1cm to 0.5cm long low angle quartz/pyrite veinlet.	
VT	406.36	406.37	0.01	25.00			Py	30.00	White carbonate vein minorly brecciated by smokey quartz veinlets which hosts disseminated to blebby pyrite.	
VT	407.06	407.29	0.23	25.00		2.00	Py	80.00	0.3cm grey quartz veinlet hosting disseminated pyrite.	
VN	407.83	408.23	0.40	30.00			Py	5.00	Two 0.1-0.2cm quartz/pyrite veinlets inside a 1cm intensely silicified envelope.	
VT	408.63	409.32	0.69	20.00		3.00	Py	50.00	Three 0.1-0.4cm smokey quartz pyrite veinlets with intensely silicified envelopes.	
VN	409.65	409.69	0.04	50.00			Py	8.00	Milky white to grey quartz veining forming a net texture in the phyllic altered granodiorite. Quartz hosts disseminated to blebby pyrite.	
VT	409.84	410.84	1.00	5.00			Py	80.00	Long low angle 0.2cm grey quartz and blebby pyrite veinlet.	
VT	413.42	413.43	0.01	30.00			Py	10.00	0.4cm veinlet hosting blebby pyrite and disseminate sphalerite.	
							Sp	1.00		
VT	413.56	413.57	0.01	70.00			Py	60.00	0.5cm grey quartz veinlet hosting blebby pyrite and sphalerite.	
							Sp	5.00		
BX	414.41	414.45	0.04	70.00			Py	1.00	Smokey quartz white carbonate breccia hosting disseminated pyrite.	
GO	414.45	414.54	0.09	70.00			Py	1.00	Grey/green gouge zone hosting clasts of phyllic granodiorite and disseminated pyrite	
BX	414.54	414.62	0.08	70.00			Py	<1	Grey to smokey quartz breccia hosting trace disseminated pyrite and cross-cut by white carbonate stringers.	
VT	414.63	414.73	0.10	60.00			Py	10.00	Three 0.8cm quartz veinlets hosting disseminated to blebby pyrite.	
VN	415.12	415.16	0.04	70.00			Py	40.00	Grey quartz vein cross-cut by white carbonate stringers hosting disseminated to blebby pyrite.	
VT	415.44	416.13	0.69	20.00			Py	65.00	0.4cm grey quartz and blebby pyrite veinlet inside a 1cmintensely silicified envelope.	
VT	416.44	417.54	1.10	10.00			Py	75.00	0.4cm grey quartz veinlets hosting disseminated to blebby pyrite inside an intensely silicified envelope.	
VT	417.73	417.74	0.01	65.00			Py	40.00	0.4cm grey quartz veinlet hosting blebby pyrite.	
VN	418.33	418.79	0.46				Py	7.00	Intense quartz veining forming a net texture in phyllic altered granodiorite. Hosts disseminate to blebby pyrite.	
VN	419.64	419.90	0.26	25.00			Py	7.00	Grey quartz vein hosting disseminated to blebby pyrite (3cm).	
VN	420.02	420.05	0.03	75.00			Py	30.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite.	
VT	420.16	420.17	0.01	85.00			Py	1.00	Grey quartz and white carbonate veinlet hosting disseminated to blebby pyrite and is cross-cut by white carbonate stringers.	
							Sp	10.00		
VN	428.78	428.82	0.04	75.00			Py	40.00	Smokey quartz vein hosting disseminated to blebby pyrite and is cross-cut by white carbonate stringers.	
VT	430.91	430.98	0.07	50.00		2.00	Py	100.00	Two 0.2cm pyrite veinlets.	
GO	431.80	431.90	0.10	25.00			Py	5.00	Grey to black gouge vein hosting disseminated to blebby pyrite.	
VN	432.53	432.84	0.31	50.00			Py	7.00	Partially gouge altered grey quartz vein, hosting disseminated pyrite. Quartz is cross-cut by white carbonate veinlets.	
VN	437.36	437.51	0.15	60.00			Py	30.00	Grey to smokey quartz vein hosting disseminated to blebby pyrite and is cross-cut by white carbonate veinlets.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	437.96	437.97	0.01	40.00			Py	25.00	Grey quartz vein hosting disseminated to blebby pyrite.	

KLAZA

Hole: DDH-KL-12-116 **Date:**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
18.01	1648	1827			VEN				Py	60	0	#DIV/0!	Milky white quartz vein hosting disseminated to semi-massive pyrite. ~20% of the sample is strongly phyllic altered granodiorite hosting disseminated pyrite.
35.49	1648	1972			GRD		PHC	3I			0	#DIV/0!	Moderately phyllic altered granodiorite.
49.39	1648	1900			GRD		PHC	3I	Py	10	0	#DIV/0!	moderately phyllic altered granodiorite hosting disseminated and a 1.5cm white carbonate vein which hosts blebby pyrite and disseminated to blebby tetrahedrite (?).
									Tt	1			
53.98	1648	1800			FEL						0	#DIV/0!	Grey/green quartz feldspar porphyry dyke.
77.28	1560	1740	462.6	387.6	VEN				Py	3	2.57	6.168	Grey milky white quartz vein hosting disseminated to blebby pyrite. Exhibits minor comb texture.
80.05	1560	1860	842.8	645.8	GRD		PHC	3I	Py	3	2.809333	4.278173	Moderately silicified and phyllic altered granodiorite, hosting disseminated pyrite, a 0.2cm quartz pyrite veinlet and multiple cross-cutting carbonate veinlets and stringers.
							SIL	3I					
103.16	1560	1860	817.7	615.3	GRD		PRO	2I	Ep	1	2.725667	4.04002	Weakly propyllitic altered granodiorite with a weak potassic overprint hosting disseminated pyrite.
							POT	2I					
113.85	1560	1800	582.3	448.8	GRD		ARG	3I			2.42625	4.361798	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	3I					
144.93	1540	1620	278.8	200.7	VEN				Py	30	3.485	3.569782	Smokey quartz vein with minor amounts of brecciated white carbonate. Quartz hosts disseminated to blebby pyrite.
152.33	1540	1675	355.3	223.6	GRD		POT	2I			2.631852	2.697798	Grey granodiorite with a weak potassic overprint.

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
166.55	1540	1795	736.5	481.1	GRD		PHC	4I	Py	30	2.888235	2.883712	Moderately silicified and strongly phyllic altered granodiorite hosting disseminated pyrite, a 2cm smokey quartz vein and a 3cm smokey quartz vein hosting semi-massive pyrite and is cross-cut by white carbonate veinlets.
							SIL	3I					
166.68	1540	1630	238.6	148.7	VEN				Py	3	2.651111	2.65406	Smokey quartz vein hosting disseminated pyrite.
204.26	1520	1690	428.2	268.5	GRD		PHC	4I	Py	1	2.518824	2.681277	Strongly phyllic altered granodiorite hosting disseminated pyrite.
229.44	1520	1753	824.5	590.8	VEN				Py	75	3.538627	3.528027	Smokey quartz vein hosting semi-massive pyrite and disseminated sphalerite and galena.
									Sp	4			
									Gn	4			
232.04	1520	1795	721.8	449.8	GRD		PRO	2I			2.624727	2.653676	Weakly propyllitic altered granodiorite.
239.08	1520	1700	492	315	GRD		PHC	4I	Py	5	2.733333	2.779661	Moderately silicified and strongly phyllic altered granodiorite hosting disseminated pyrite and a 1mm carbonate veinlet and 1mm pyrite veinlet.
							SIL	3I					
257.11	1520	1730	562.2	352.8	FEL						2.677143	2.684814	Grey quartz feldspar porphyry dyke.
258.37	1520	1735	550.2	339.3	GRD		ARG	3I	Py	1	2.55907	2.608819	~50% moderately argillic altered granodiorite with a moderate potassic overprint. The other ~50% is a black smokey quartz breccia hosting disseminated pyrite and clasts of phyllic and argillic altered granodiorite.
							POT	3I					
275.17	1510	1795	779.2	482.8	FEL						2.734035	2.62888	Grey/green quartz feldspar porphyry dyke.
294.74	1510	1725	543.3	327.7	GRD		ARG	3I			2.526977	2.519944	Moderately argillic granodiorite with a moderate potassic overprint.
							POT	3I					

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
298.17	1510	1660	483.9	328.2	BXA				Py	10	3.226	3.1079	Smokey quartz breccia hosting disseminated to blebby pyrite with grey quartz and white carbonate clasts.
298.39	1510	1620	422.5	307.03	VEN				Py	50	3.840909	3.658959	Smokey quartz vein hosting disseminated to semi-massive pyrite and a 3cm long 0.3cm wide with white carbonate veinlet segments.
309.81	1510	1720	596.4	373.1	GRD		PRO	2I	Py	1	2.84	2.670846	Weakly propyllitic altered granodiorite.
317.38	1510	1755	697	439.3	BXA						2.844898	2.704695	Breccia with grey to smokey quartz matrix hosting phyllic granodiorite and green (possibly quartz feldspar porphyry dyke?) clasts, quartz matrix hosts disseminated pyrite.
330.72	1470	1800	899.1	570.4	BXA						2.724545	2.735321	Breccia of grey to smokey quartz matrix with clasts of argillic altered granodiorite and quartz feldspar porphyry dyke.
331.99	1470	1760	781.4	593.4	FEL						2.694483	4.156383	Grey/green quartz feldspar porphyry dyke.
351.9	1470	1630	417.8	263.1	BXA				Py	<1	2.61125	2.700711	Breccia of grey to smokey quartz matrix with phyllic and argillic clasts along with grey/green quartz feldspar porphyry dyke. Hosts disseminated pyrite.
353.72	1470	1660	501.5	309.6	GRD		ARG	3I			2.639474	2.61334	Moderately argillic altered granodiorite with a moderate potassic overprint.
							POT	3I					
361.86	1470	1720	675.5	423.5	GRD		PRO	2I	Ep	3	2.702	2.680556	Moderately silicified and weak propyllitic altered granodiorite with disseminated epidote and hematite.
							SIL	3I	He	2			
366.65	1470	1690	648.7	417.9	GRD		PHC	3I	Py	1	2.948636	2.810659	Intensely silicified and moderately phyllic altered granodiorite hosting disseminated pyrite.
							SIL	5I					

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
369.26	1470	1720	1033.7	774.8	VEN				Py	65	4.1348	3.992661	Grey quartz vein hosting disseminated to semi-massive pyrite.
380.49	1470	1680	609.6	389.4	GRD		PHC	3I	Py	6	2.902857	2.768392	Moderate to strongly silicified and moderately phyllic altered granodiorite hosting disseminated to blebby pyrite and four pyrite stringers.
							SIL	3-4I					
392.57	1438	1679	668.6	425.5	GRD		PHC	2I	Py	7	2.774274	2.750309	Strongly silicified and weakly phyllic altered granodiorite hosting two 0.1cm pyrite veinlets along with disseminated to blebby pyrite and hematite.
							SIL	4I	He	1			
404.57	1438	1598	469.3	311.7	GRD		PHC	4I	Py	15	2.933125	2.977792	Strongly phyllic and moderately silicified granodiorite hosting two 0.4cm pyrite veinlets and disseminated to blebby pyrite.
							SIL	3I					
418.18	1438	1655	584	367.8	GRD		PRO	3I			2.691244	2.701203	Moderately silicified and moderately propyllitic altered granodiorite.
							SIL	3I					
427.19	1438	1644	574.8	366.8	FEL						2.790291	2.763462	Magnetic black dyke.

KLAZA

Hole: DDH-KL-12-116 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
6.10	8.63	2.53	2.03	80.2	M358235	1				
8.63	9.63	1.00	1.00	100	M358236	1				
9.63	11.16	1.53	1.41	92.2	M358237	1				
		0.00			M358238	1				Duplicate
11.16	12.25	1.09	1.09	100	M358239	1				
12.25	14.38	2.13	2.13	100	M358240	1				
		0.00			M358241	1				Klaza Standard-2
14.38	15.76	1.38	1.38	100	M358242	1				
15.76	17.37	1.61	1.54	95.7	M358243	1				
17.37	18.37	1.00	1.00	100	M358244	1				
		0.00			M358245	1				Blank
18.37	19.93	1.56	1.43	91.7	M358246	1				
19.93	21.51	1.58	1.54	97.5	M358247	1				
21.51	22.72	1.21	1.10	90.9	M358248	1				
22.72	23.90	1.18	1.17	99.2	M358249	1				
23.90	25.01	1.11	1.11	100	M358250	1				
25.01	26.01	1.00	1.00	100	M358251	1				
		0.00			M358252	1				Klaza Standard-1
26.01	27.10	1.09	1.00	91.7	M358253	1				
27.10	28.15	1.05	1.05	100	M358254	1				
28.15	29.48	1.33	1.28	96.2	M358255	1				
29.48	30.55	1.07	1.06	99.1	M358256	1				
		0.00			M358257	1				Blank
30.55	32.37	1.82	1.62	89	M358258	1				
32.37	33.69	1.32	1.32	100	M358259	1				
33.69	34.69	1.00	1.00	100	M358260	1				
34.69	36.18	1.49	1.47	98.7	M358261	1				
36.18	37.35	1.17	1.17	100	M358262	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
37.35	38.86	1.51	1.42	94	M358263	1				
38.86	40.42	1.56	1.56	100	M358264	1				
40.42	41.42	1.00	1.00	100	M358265	1				
41.42	44.00	2.58	2.34	90.7	M358266	1				
		0.00			M358267	1				Coarse Reject Duplicate.
44.00	45.56	1.56	1.54	98.7	M358268	1				
45.56	46.56	1.00	1.00	100	M358269	1				
46.56	48.40	1.84	1.74	94.6	M358270	1				
48.40	49.40	1.00	1.00	100	M358271	2				
49.40	50.43	1.03	1.00	97.1	M358272	2				
		0.00			M358273	2				Blank
50.43	51.80	1.37	1.37	100	M358274	2				
51.80	53.95	2.15	2.10	97.7	M358275	2				
53.95	56.63	2.68	2.69	100	M358276	2				
56.63	57.67	1.04	1.04	100	M358277	2				
		0.00			M358278	2				Blank
57.67	59.68	2.01	2.01	100	M358279	2				
59.68	60.76	1.08	1.08	100	M358280	2				
60.76	63.09	2.33	2.33	100	M358281	2				
63.09	65.37	2.28	2.18	95.6	M358282	2				Rubble
65.37	66.60	1.23	1.23	100	M358283	2				
					M358284	2				Klaza Standard-2
66.60	67.60	1.00	1.00	100	M358285	2				
67.60	68.94	1.34	1.34	100	M358286	2				
68.94	69.99	1.05	1.05	100	M358287	2				
69.99	71.00	1.01	1.01	100	M358288	2				
		0.00			M358289	2				Duplicate
71.00	72.19	1.19	1.00	84	M358290	2				
72.19	73.77	1.58	1.46	92.4	M358291	2				
		0.00			M358292	2				Klaza Standard-2
73.77	74.77	1.00	1.00	100	M358293	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
74.77	75.77	1.00	1.00	100	M358294	2				
75.77	77.00	1.23	1.23	100	M358295	2				
77.00	78.13	1.13	1.13	100	M358296	2				
78.13	79.47	1.34	1.33	99.3	M358297	2				
79.47	80.54	1.07	1.00	93.5	M358298	2				
80.54	81.71	1.17	1.17	100	M358299	2				
81.71	83.41	1.70	1.70	100	M358300	2				
83.41	84.41	1.00	1.00	100	M358301	2				
84.41	85.44	1.03	1.03	100	M358302	2				
		0.00			M358303	2				Coarse Reject Duplicate
85.44	86.86	1.42	1.40	98.6	M358304	2				
86.86	88.52	1.66	1.66	100	M358305	2				
88.52	89.52	1.00	1.00	100	M358306	2				
89.52	91.97	2.45	2.45	100	M358307	3				
91.97	94.51	2.54	2.54	100	M358308	3				
		0.00			M358309	3				Coarse Reject Duplicate
94.51	95.51	1.00	1.00	100	M358310	3				
95.51	97.51	2.00	2.00	100	M358311	3				
97.51	98.58	1.07	1.03	96.3	M358312	3				
98.58	99.86	1.28	1.28	100	M358313	3				
99.86	101.05	1.19	1.18	99.2	M358314	3				
		0.00			M358315	3				Blank
101.05	102.25	1.20	1.09	90.8	M358316	3				
102.25	104.24	1.99	1.99	100	M358317	3				
104.24	105.60	1.36	1.35	99.3	M358318	3				
105.60	107.34	1.74	1.74	100	M358319	3				
		0.00			M358320	3				Duplicate
107.34	108.34	1.00	1.00	100	M358321	3				
108.34	110.15	1.81	1.80	99.4	M358322	3				
		0.00			M358323	3				Klaza Standard-2
110.15	112.38	2.23	2.20	98.7	M358324	3				
112.38	113.63	1.25	1.23	98.4	M358325	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
113.63	114.67	1.04	1.02	98.1	M358326	3				
		0.00			M358327	3				Blank
114.67	115.75	1.08	1.08	100	M358328	3				
115.75	116.75	1.00	1.00	100	M358329	3				
116.75	117.96	1.21	1.00	82.6	M358330	3				Rubble
117.96	120.06	2.10	2.10	100	M358331	3				
120.06	121.29	1.23	1.23	100	M358332	3				
121.29	123.04	1.75	1.69	96.6	M358333	3				
123.04	124.09	1.05	1.05	100	M358334	3				
124.09	126.03	1.94	1.94	100	M358335	3				
		0.00			M358336	3				Klaza Standard-2
126.03	127.03	1.00	1.00	100	M358337	3				
127.03	128.35	1.32	1.32	100	M358339	3				No #338
128.35	129.47	1.12	1.05	93.7	M358340	3				
129.47	130.54	1.07	1.07	100	M358341	3				
130.54	133.20	2.66	2.66	100	M358342	3				
133.20	134.20	1.00	1.00	100	M358343	3				
134.20	137.06	2.86	2.75	96.2	M358344	4				
137.06	138.55	1.49	1.53	103	M358345	4				
138.55	139.71	1.16	1.13	97.4	M358346	4				
139.71	140.75	1.04	1.04	100	M358347	4				
		0.00			M358348	4				Klaza Standard-2
140.75	142.08	1.33	1.33	100	M358349	4				
142.08	144.57	2.49	2.45	98.4	M358350	4				
144.57	145.59	1.02	1.00	98	M358351	4				
		0.00			M358352	4				Blank
145.59	148.44	2.85	2.85	100	M358353	4				
148.44	150.20	1.76	1.76	100	M358354	4				
150.20	151.34	1.14	1.14	100	M358355	4				
151.34	152.34	1.00	1.00	100	M358356	4				
152.34	154.53	2.19	2.19	100	M358357	4				
		0.00			M358358	4				Duplicate

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
154.53	157.58	3.05	3.05	100	M358359	4				
157.58	160.63	3.05	3.05	100	M358360	4				
		0.00			M358361	4				Coarse Reject Duplicate
160.63	163.68	3.05	2.98	97.7	M358362	4				
					M358363	4				Klaza Standard-1
163.68	165.46	1.78	1.78	100	M358364	4				
165.46	166.46	1.00	1.00	100	M358365	4				
166.46	168.30	1.84	1.84	100	M358366	4				
		0.00			M358367	4				Blank
168.30	169.30	1.00	1.00	100	M358368	4				
169.30	170.30	1.00	1.00	100	M358369	4				
170.30	171.57	1.27	1.27	100	M358370	4				
171.57	172.57	1.00	1.00	100	M358371	4				
172.57	173.67	1.10	1.10	100	M358372	4				
173.67	174.79	1.12	1.07	95.5	M358373	4				
174.79	177.06	2.27	2.27	100	M358374	4				
177.06	178.06	1.00	1.00	100	M358375	4				
178.06	179.31	1.25	1.25	100	M358376	4				
179.31	181.34	2.03	1.82	89.7	M358377	4				
181.34	182.34	1.00	1.00	100	M358378	4				
182.34	183.35	1.01	1.00	99	M358379	4				
183.35	185.21	1.86	1.86	100	M358380	5				
185.21	186.36	1.15	1.04	90.4	M358381	5				
186.36	187.67	1.31	1.31	100	M358382	5				
187.67	189.12	1.45	1.43	98.6	M358383	5				
189.12	190.12	1.00	1.00	100	M358384	5				
		0.00			M358385	5				Coarse Reject Duplicate
190.12	192.02	1.90	1.90	100	M358386	5				
192.02	193.36	1.34	1.34	100	M358387	5				
193.36	194.40	1.04	1.04	100	M358388	5				
194.40	195.66	1.26	1.26	100	M358389	5				
195.66	196.66	1.00	1.00	100	M358390	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
		0.00			M358391	5				Klaza Standard-1
196.66	198.72	2.06	2.06	100	M358392	5				
198.72	200.19	1.47	1.43	97.3	M358393	5				
200.19	201.41	1.22	1.22	100	M358394	5				
		0.00			M358395	5				Blank
201.41	202.49	1.08	1.08	100	M358396	5				
202.49	204.12	1.63	1.62	99.4	M358397	5				
204.12	205.27	1.15	1.02	88.7	M358398	5				
		0.00			M358399	5				Klaza Standard-2
205.27	207.69	2.42	2.43	100	M358400	5				
207.69	209.40	1.71	1.63	95.3	M358401	5				
		0.00			M358402	5				Blank
209.40	211.09	1.69	1.47	87	M358403	5				
211.09	212.09	1.00	1.00	100	M358404	5				
212.09	213.09	1.00	1.00	100	M358405	5				
213.09	214.09	1.00	1.00	100	M358406	5				
214.09	215.20	1.11	1.00	90.1	M358407	5				
215.20	216.64	1.44	1.44	100	M358408	5				
216.64	218.33	1.69	1.69	100	M358409	5				
218.33	219.33	1.00	1.00	100	M358410	5				
219.33	220.33	1.00	1.00	100	M358411	5				
220.33	221.62	1.29	1.29	100	M358412	5				
		0.00			M358413	5				Duplicate
221.62	223.72	2.10	2.10	100	M358414	5				
223.72	225.64	1.92	1.92	100	M358415	5				
225.64	226.79	1.15	1.15	100	M358416	6				
226.79	227.92	1.13	1.13	100	M358417	6				
		0.00			M358418	6				Blank
227.92	229.24	1.32	1.19	90.2	M358419	6				
229.24	230.62	1.38	1.32	95.7	M358420	6				
		0.00			M358421	6				Blank
230.62	231.62	1.00	1.00	100	M358422	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
231.62	232.62	1.00	1.00	100	M358423	6				
		0.00			M358424	6				Klaza Stanard-2
232.62	233.71	1.09	1.00	91.7	M358425	6				
233.71	234.71	1.00	1.00	100	M358426	6				
234.71	235.71	1.00	1.00	100	M358427	6				
235.71	236.71	1.00	1.00	100	M358428	6				
236.71	238.88	2.17	2.06	94.9	M358429	6				
238.88	239.88	1.00	1.00	100	M358430	6				
239.88	241.63	1.75	1.53	87.4	M358431	6				
		0.00			M358432	6				Dupliacte
241.63	242.63	1.00	1.00	100	M358433	6				
		0.00			M358434	6				Klaza Standard-2
242.63	244.89	2.26	2.26	100	M358435	6				
244.89	245.89	1.00	1.00	100	M358436	6				
245.89	246.95	1.06	1.04	98.1	M358437	6				
246.95	248.00	1.05	1.05	100	M358438	6				
248.00	249.00	1.00	1.00	100	M358439	6				
249.00	250.00	1.00	1.00	100	M358440	6				
		0.00			M358441	6				Coarse Reject Duplicate
250.00	252.07	2.07	1.97	95.2	M358442	6				
252.07	253.07	1.00	1.00	100	M358443	6				
253.07	254.94	1.87	1.83	97.9	M358444	6				
254.94	255.94	1.00	1.00	100	M358445	6				
255.94	257.32	1.38	1.32	95.7	M358446	6				
257.32	258.52	1.20	1.20	100	M358447	6				
258.52	259.84	1.32	1.32	100	M358448	6				
259.84	261.07	1.23	1.23	100	M358449	6				
261.07	262.71	1.64	1.63	99.4	M358450	6				
262.71	264.68	1.97	1.97	100	M358451	6				
264.68	265.84	1.16	1.16	100	M358452	7				
265.84	267.42	1.58	1.58	100	M358453	7				
267.42	268.42	1.00	1.00	100	M358454	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
268.42	270.36	1.94	1.94	100	M358455	7				
270.36	273.35	2.99	2.95	98.7	M358456	7				
		0.00			M358457	7				Coarse Reject Duplicate
273.35	274.35	1.00	1.00	100	M358458	7				
274.35	275.53	1.18	1.18	100	M358459	7				
275.53	276.53	1.00	1.00	100	M358460	7				
276.53	278.16	1.63	1.55	95.1	M358461	7				
278.16	279.28	1.12	1.12	100	M358462	7				
279.28	280.29	1.01	1.00	99	M358463	7				
		0.00			M358464	7				Duplicate
280.29	281.29	1.00	1.00	100	M358465	7				
281.29	282.55	1.26	1.26	100	M358466	7				
282.55	285.18	2.63	2.37	90.1	M358467	7				
285.18	286.18	1.00	1.00	100	M358468	7				
286.18	289.08	2.90	2.90	100	M358469	7				
289.08	290.08	1.00	1.00	100	M358470	7				
290.08	291.26	1.18	1.18	100	M358471	7				
291.26	293.58	2.32	2.32	100	M358472	7				
293.58	294.60	1.02	1.02	100	M358473	7				
294.60	295.74	1.14	1.14	100	M358474	7				
		0.00			M358475	7				Klaza Standard-1
295.74	296.74	1.00	1.00	100	M358476	7				
296.74	297.74	1.00	1.00	100	M358477	7				
297.74	298.79	1.05	1.01	96.2	M358478	7				
		0.00			M358479	7				Blank
298.79	300.41	1.62	1.62	100	M358480	7				
300.41	301.58	1.17	1.17	100	M358481	7				
		0.00			M358482	7				Blank
301.58	303.02	1.44	1.44	100	M358483	7				
303.02	304.02	1.00	1.00	100	M358484	7				
		0.00			M358485	7				Klaza Standard-3
304.02	306.22	2.20	2.17	98.6	M358486	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
306.22	307.22	1.00	1.00	100	M358487	7				
307.22	309.43	2.21	2.21	100	M358488	8				
309.43	310.92	1.49	1.46	98	M358489	8				
310.92	312.77	1.85	1.85	100	M358490	8				
		0.00			M358491	8				Coarse Reject Duplicate
312.77	314.33	1.56	1.56	100	M358492	8				
314.33	315.37	1.04	1.00	96.2	M358493	8				
315.37	316.74	1.37	1.37	100	M358494	8				
316.74	317.74	1.00	1.00	100	M358495	8				
		0.00			M358496	8				Blank
317.74	318.74	1.00	1.00	100	M358497	8				
318.74	321.27	2.53	2.53	100	M358498	8				
321.27	322.33	1.06	1.00	94.3	M358499	8				
		0.00			M358500	8				Blank
322.33	323.81	1.48	1.48	100	M358501	8				
323.81	325.22	1.41	1.25	88.7	M358502	8				
		0.00			M358503	8				Klaza Standard-2
325.22	326.52	1.30	1.30	100	M358504	8				
326.52	329.14	2.62	2.62	100	M358505	8				
329.14	330.14	1.00	1.00	100	M358506	8				
330.14	331.14	1.00	1.00	100	M358507	8				
331.14	332.14	1.00	1.00	100	M358508	8				
332.14	333.19	1.05	1.05	100	M358509	8				
333.19	334.19	1.00	1.00	100	M358510	8				
334.19	337.03	2.84	2.84	100	M358511	8				
337.03	339.73	2.70	2.70	100	M358512	8				
339.73	341.41	1.68	1.68	100	M358513	8				
341.41	342.47	1.06	1.00	94.3	M358514	8				
		0.00			M358515	8				Duplicate
342.47	343.51	1.04	1.04	100	M358516	8				
343.51	346.56	3.05	3.00	98.4	M358517	8				
		0.00			M358518	8				Klaza Standard-2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
346.56	348.39	1.83	1.83	100	M358519	8				
348.39	349.53	1.14	1.12	98.2	M358520	8				
349.53	351.14	1.61	1.61	100	M358521	8				
351.14	352.43	1.29	1.29	100	M358522	8				
352.43	354.58	2.15	2.15	100	M358523	8				
354.58	357.69	3.11	2.95	94.9	M358524	9				
357.69	359.40	1.71	1.71	100	M358525	9				
359.40	360.43	1.03	1.00	97.1	M358526	9				
360.43	361.66	1.23	1.21	98.4	M358527	9				
361.66	363.16	1.50	1.50	100	M358528	9				
		0.00			M358529	9				Coarse Reject Duplicate
363.16	364.43	1.27	1.27	100	M358530	9				
364.43	366.07	1.64	1.64	100	M358531	9				
		0.00			M358532	9				Klaza Standard-1
366.07	367.50	1.43	1.38	96.5	M358533	9				
367.50	368.50	1.00	0.97	97	M358534	9				
368.50	369.51	1.01	0.96	95	M358535	9				
		0.00			M358536	9				Blank
369.51	370.51	1.00	1.00	100	M358537	9				
370.51	372.70	2.19	2.19	100	M358538	9				
372.70	373.73	1.03	1.03	100	M358539	9				
373.73	375.69	1.96	1.96	100	M358540	9				
375.69	376.71	1.02	1.01	99	M358541	9				
		0.00			M358542	9				Klaza Standard-2
376.71	378.00	1.29	1.28	99.2	M358543	9				
378.00	379.50	1.50	1.45	96.7	M358544	9				
379.50	380.51	1.01	1.00	99	M358545	9				
		0.00			M358546	9				Blank
380.51	382.10	1.59	1.58	99.4	M358547	9				
382.10	383.25	1.15	1.11	96.5	M358548	9				
383.25	384.25	1.00	0.95	95	M358549	9				
384.25	386.05	1.80	1.64	91.1	M358550	9				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
		0.00			M358551	9				Duplicate
386.05	387.67	1.62	1.62	100	M358552	9				
387.67	388.90	1.23	1.23	100	M358553	9				
388.90	389.95	1.05	1.03	98.1	M358554	9				
389.95	390.95	1.00	1.00	100	M358555	9				
390.95	392.12	1.17	1.11	94.9	M358556	9				
392.12	393.30	1.18	1.15	97.5	M358557	9				
393.30	394.30	1.00	1.00	100	M358558	9				
394.30	396.00	1.70	1.70	100	M358559	9				
396.00	397.00	1.00	1.00	100	M358560	10				
397.00	398.37	1.37	1.37	100	M358561	10				
398.37	401.02	2.65	2.65	100	M358562	10				
		0.00			M358563	10				Klaza Standard-1
401.02	402.09	1.07	1.04	97.2	M358564	10				
402.09	403.81	1.72	1.72	100	M358565	10				
403.81	404.94	1.13	1.12	99.1	M358566	10				
		0.00			M358567	10				Blank
404.94	406.31	1.37	1.25	91.2	M358568	10				
406.31	407.76	1.45	1.45	100	M358569	10				
		0.00			M358570	10				Duplicate
407.76	409.33	1.57	1.57	100	M358571	10				
409.33	410.40	1.07	1.07	100	M358572	10				
		0.00			M358573	10				Klaza Standard-2
410.40	411.43	1.03	1.00	97.1	M358574	10				
411.43	414.31	2.88	2.60	90.3	M358575	10				
414.31	415.31	1.00	1.00	100	M358576	10				
		0.00			M358577	10				Blank
415.31	416.31	1.00	1.00	100	M358578	10				
416.31	418.17	1.86	1.86	100	M358579	10				
418.17	419.35	1.18	1.00	84.7	M358580	10				
419.35	420.35	1.00	1.00	100	M358581	10				
420.35	422.81	2.46	2.46	100	M358582	10				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
422.81	425.14	2.33	2.33	100	M358583	10				
		0.00			M358584	10				Coarse Reject Duplicate
425.14	427.04	1.90	1.90	100	M358585	10				
427.04	428.51	1.47	1.47	100	M358586	10				
428.51	431.31	2.80	2.45	87.5	M358587	10				
431.31	432.44	1.13	1.00	88.5	M358588	10				
432.44	433.44	1.00	1.00	100	M358589	10				
433.44	434.95	1.51	1.51	100	M358590	10				
434.95	436.91	1.96	1.27	64.8	M358591	10				Rubble.
436.91	437.91	1.00	1.00	100	M358592	10				
437.91	438.91	1.00	1.00	100	M358593	10				EOH

KLAZA

Hole: DDH-KL-12-116 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	6.10	6.10	3.66	60	0.00	0		1	0	5W	
6.10	8.23	2.13	1.48	69	0.66	31		1	5	4W	
8.23	11.28	3.05	2.78	91	1.73	57		2	3	2W	
11.28	14.33	3.05	2.93	96	2.64	87		2	3	2W	
14.33	17.37	3.04	3.04	100	2.66	88		2	3	2W	
17.37	20.42	3.05	2.75	90	1.91	63		1	2	2W	
20.42	23.47	3.05	2.73	90	0.94	31		1	2	3W	
23.47	26.52	3.05	2.66	87	1.49	49		1	2	3W	
26.52	29.57	3.05	2.70	89	1.37	45		2	3	2W	
29.57	32.61	3.04	3.04	100	2.10	69		1	3	2W	
32.61	35.66	3.05	2.91	95	1.91	63		2		2W	
35.66	38.71	3.05	2.67	88	1.73	57		2		2W	
38.71	41.76	3.05	3.06	100	2.73	90		2		2W	
41.76	44.81	3.05	2.07	68	1.34	44		2		2W	
44.81	47.85	3.04	2.75	90	2.11	69		2		2W	
47.85	50.90	3.05	2.92	96	1.98	65		2		2W	
50.90	53.95	3.05	2.81	92	2.15	70		1		2W	
53.95	57.00	3.05	2.93	96	1.90	62		2		2W	
57.00	60.05	3.05	2.87	94	1.70	56		2		1W	
60.05	63.09	3.04	3.00	99	1.24	41		2		1W	
63.09	66.14	3.05	2.68	88	0.00	0		2		2W	
66.14	69.19	3.05	2.85	93	0.99	32		1		2W	
69.19	72.24	3.05	2.62	86	0.57	19		1		2W	
72.24	75.29	3.05	2.69	88	0.50	16		2		2W	
75.29	78.33	3.04	2.68	88	1.10	36		2		2W	
78.33	81.38	3.05	2.87	94	2.10	69		2		2W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.99	98	1.87	61		2		1W	
84.43	87.48	3.05	2.91	95	2.41	79		2		1W	
87.48	90.52	3.04	2.86	94	1.75	58		2		2W	
90.52	93.57	3.05	2.90	95	1.82	60		2		1W	
93.57	96.62	3.05	2.70	89	1.95	64		2		1W	
96.62	99.67	3.05	2.86	94	2.01	66		2		1W	
99.67	102.72	3.05	2.78	91	1.57	51		2		1W	
102.72	105.77	3.05	2.99	98	2.71	89		2		1W	
105.77	108.81	3.04	2.88	95	1.95	64		2		1W	
108.81	111.86	3.05	2.87	94	1.40	46		2		1W	
111.86	114.91	3.05	2.92	96	2.40	79		2		1W	
114.91	117.96	3.05	2.72	89	0.34	11		1		1W	
117.96	121.01	3.05	2.96	97	1.39	46		2		1W	
121.01	124.05	3.04	2.92	96	1.93	63		2		1W	
124.05	127.10	3.05	2.80	92	1.58	52		2		1W	
127.10	130.15	3.05	2.71	89	1.21	40		2		1W	
130.15	133.20	3.05	3.02	99	2.31	76		2		1W	
133.20	136.25	3.05	2.93	96	2.30	75		2		1W	
136.25	139.29	3.04	2.99	98	2.07	68		2		1W	
139.29	142.34	3.05	3.08	101	2.84	93		2		1W	
142.34	145.39	3.05	2.94	96	2.47	81		2		1W	
145.39	148.44	3.05	2.92	96	1.73	57		2		1W	
148.44	151.49	3.05	2.88	94	1.26	41		2		1W	
151.49	154.53	3.04	3.00	99	2.48	82		2		1W	
154.53	157.58	3.05	3.05	100	2.63	86		2		1W	
157.58	160.63	3.05	2.83	93	1.80	59		2		1W	
160.63	163.68	3.05	2.97	97	1.36	45		2		1W	
163.68	166.72	3.04	3.02	99	2.00	66		2		1W	
166.72	169.77	3.05	3.04	100	2.41	79		2		1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.96	97	2.27	74		2		1W	
172.82	175.87	3.05	2.88	94	1.31	43		2		1W	
175.87	178.92	3.05	2.87	94	0.77	25		1		1W	
178.92	181.97	3.05	2.59	85	1.13	37		2		1W	
181.97	185.01	3.04	2.94	97	1.33	44		2		1W	
185.01	188.06	3.05	2.90	95	2.29	75		2		1W	
188.06	191.11	3.05	3.05	100	2.19	72		2		1w	
191.11	194.16	3.05	3.05	100	1.39	46		2		1w	
194.16	197.21	3.05	2.86	94	1.38	45		1		1w	
197.21	200.25	3.04	2.89	95	1.69	56		1		1w	
200.25	203.30	3.05	3.02	99	0.92	30		1		1w	
203.30	206.35	3.05	2.79	91	0.78	26		1		1w	
206.35	209.40	3.05	2.88	94	0.30	10		1		1w	
209.40	212.45	3.05	2.80	92	0.25	8		1		1w	
212.45	215.49	3.04	2.85	94	1.07	35		2		1w	
215.49	218.54	3.05	2.79	91	1.13	37		2		1w	
218.54	221.59	3.05	2.71	89	1.51	50		2		1w	
221.59	224.64	3.05	2.86	94	1.55	51		2		1w	
224.64	227.69	3.05	2.93	96	0.96	31		2		1w	
227.69	230.73	3.04	2.79	92	1.05	35		2		1w	
230.73	233.78	3.05	2.97	97	1.17	38		1		1w	
233.78	236.83	3.05	3.05	100	2.14	70		2		1w	
236.83	239.88	3.05	2.89	95	2.36	77		2		1w	
239.88	242.93	3.05	2.81	92	2.25	74		2		1w	
242.93	245.97	3.04	3.05	100	1.60	53		2		1w	
245.97	249.02	3.05	3.00	98	2.30	75		2		1w	
249.02	252.07	3.05	2.91	95	2.03	67		2		1w	
252.07	255.12	3.05	2.87	94	1.89	62		2		1w	
255.12	258.17	3.05	2.88	94	1.51	50		2		1w	
258.17	261.21	3.04	3.02	99	2.22	73		2		1w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	2.96	97	2.14	70		2		1w	
264.26	267.31	3.05	3.03	99	2.46	81		2		1w	
267.31	270.36	3.05	3.05	100	2.88	94		2		1w	
270.36	273.41	3.05	2.95	97	2.55	84		2		1w	
273.41	276.45	3.04	3.03	100	2.81	92		2		1w	
276.45	279.50	3.05	2.92	96	2.34	77		2		1w	
279.50	282.55	3.05	2.98	98	2.15	70		2		1w	
282.55	285.60	3.05	2.71	89	1.27	42		2		1w	
285.60	288.65	3.05	2.94	96	2.16	71		1		1w	
288.65	291.69	3.04	2.95	97	2.23	73		2		1w	
291.69	294.74	3.05	3.02	99	1.86	61		2		1w	
294.74	297.79	3.05	3.04	100	2.40	79		2		1w	
297.79	300.84	3.05	2.99	98	2.80	92		2		1w	
300.84	303.89	3.05	2.99	98	2.50	82		2		1w	
303.89	306.93	3.04	2.89	95	1.66	55		2		1w	
306.93	309.98	3.05	2.85	93	1.24	41		2		1w	
309.98	313.03	3.05	2.90	95	1.52	50		2		1w	
313.03	316.08	3.05	2.95	97	2.84	93		2		1w	
316.08	319.12	3.04	3.01	99	2.13	70		2		1w	
319.12	322.17	3.05	2.96	95	2.74	85		2		1w	
322.17	325.22	3.05	2.90	98	2.59	45		2		1w	
325.22	328.27	3.05	3.00	100	1.36	98		2		1w	
328.27	331.32	3.05	3.05	97	3.00	92		2		1w	
331.32	334.37	3.05	2.95	96	2.82	89		1		2w	
334.37	337.41	3.04	2.93	97	2.71	76		2		1w	
337.41	340.46	3.05	2.96	98	2.30	73		2		1w	
340.46	343.51	3.05	2.98	95	2.24	70		2		1w	
343.51	346.56	3.05	2.90	95	2.13	75		2		1w	
346.56	349.61	3.05	2.91	96	2.30	76		2		2w	
349.61	352.65	3.04	2.93	100	2.33	97		2		2w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
352.65	355.70	3.05	3.05	96	2.95	81		2		1w	
355.70	358.75	3.05	2.92	92	2.47	58		2		1w	
358.75	361.80	3.05	2.82	97	1.77	62		2		1w	
361.80	364.85	3.05	2.96	95	1.88	56		2		2w	
364.85	367.89	3.04	2.91	88	1.72	30		2		1w	
367.89	370.94	3.05	2.68	86	0.90	41		1		3w	
370.94	373.99	3.05	2.63	97	1.24	46		1		1w	
373.99	377.04	3.05	2.96	90	1.39	46		2		1w	
377.04	380.09	3.05	2.76	96	1.40	43		2		3w	
380.09	383.13	3.04	2.94	95	1.30	72		1		3w	
383.13	386.18	3.05	2.88	97	2.19	44		1		3w	
386.18	389.23	3.05	2.95	94	1.35	89		1		2w	
389.23	392.28	3.05	2.86	94	2.70	54		2		3w	
392.28	395.33	3.05	2.87	95	1.66	73		1		3w	
395.33	398.37	3.04	2.90	98	2.23	81		1		1w	
398.37	401.42	3.05	2.98	95	2.47	62		2		2w	
401.42	404.47	3.05	2.91	93	1.90	62		2		2w	
404.47	407.52	3.05	2.83	96	1.89	80		2		2w	
407.52	410.57	3.05	2.94	89	2.43	31		2		2w	
410.57	413.61	3.04	2.71	99	0.94	49		1		4w	
413.61	416.66	3.05	3.00	90	1.49	37		2		2w	
416.66	419.71	3.05	2.75	97	1.14	21		2		3w	
419.71	422.76	3.05	2.96	91	0.65	51		2		2w	
422.76	425.81	3.05	2.77	88	1.57	21		2		2w	
425.81	428.85	3.04	2.67	99	0.63	18		2		2w	
428.85	431.90	3.05	3.00	93	0.55	0		2		3w	
431.90	434.95	3.05	2.83	65	0.00	9		1		3w	
434.95	438.00	3.05	1.98	35	0.28	11		2		3w	
437.00	438.91	1.91	1.06	0	0.33	0		2		3w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
	EOH @ 438.91m										

KLAZA

Hole: DDH-KL-12-116 **Tech Name:** **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	6.10	6.10							
6.10	8.23	2.13							
8.23	11.28	3.05	60.00	0.10	0.00	2.00	3R	2W	
11.28	14.33	3.05	55.00	0.23	0.00	2.00	3R	2W	
14.33	17.37	3.04	40.00	0.02	2.00	2.00	3R	3W	
17.37	20.42	3.05	55.00	0.12	0.00	2.00	3R	2W	
20.42	23.47	3.05	30.00	0.15	0.00	2.00	3R	2W	
23.47	26.52	3.05	65.00	0.22	0.00	3.00	3R	2W	
26.52	29.57	3.05	65.00	0.15	0.00	2.00	3R	3W	
29.57	32.61	3.04	60.00	0.09	0.00	2.00	3R	2W	
32.61	35.66	3.05	60.00	0.11	0.00	2.00	3R	2W	
35.66	38.71	3.05							
38.71	41.76	3.05	55.00	0.55	0.00	2.00	3R	2W	
41.76	44.81	3.05	2.00	0.27	0.00	3.00	3R	2W	
44.81	47.85	3.04							
47.85	50.90	3.05							
50.90	53.95	3.05	65.00	0.16	0.00	2.00	3R	2W	
53.95	57.00	3.05	60.00	0.07	0.00	2.00	3R	1W	
57.00	60.05	3.05							
60.05	63.09	3.04							
63.09	66.14	3.05							
66.14	69.19	3.05	60.00	0.30	1.00	2.00	2R	1W	
69.19	72.24	3.05	50.00	0.10	2.00	2.00	2R	2W	
72.24	75.29	3.05							
75.29	78.33	3.04							
78.33	81.38	3.05	35.00	0.45	0.00	2.00	2R	1W	
81.38	84.43	3.05	60.00	0.70	0.00	2.00	3R	1W	
84.43	87.48	3.05	35.00	0.07	1.00	2.00	2R	1W	

KLAZA

		0.00	60.00	0.40	0.00	2.00	2R	1W	
87.48	90.52	3.04							
90.52	93.57	3.05							
93.57	96.62	3.05							
96.62	99.67	3.05	70.00	0.80	0.00	2.00	2R	1W	
99.67	102.72	3.05							
102.72	105.77	3.05	40.00	0.60	0.00	2.00	2R	1W	
105.77	108.81	3.04	60.00	0.35	0.00	2.00	2R	1W	
108.81	111.86	3.05	65.00	0.20	0.00	2.00	2R	1W	
111.86	114.91	3.05							
114.91	117.96	3.05							
117.96	121.01	3.05	50.00	0.15	1.00	2.00	2R	1W	
121.01	124.05	3.04	65.00	0.26	1.00	2.00	2R	1W	
		0.00	55.00	0.15	1.00	2.00	2R	1W	
124.05	127.10	3.05	45.00	0.11	0.00	2.00	3R	1W	
127.10	130.15	3.05							
130.15	133.20	3.05	75.00	0.21	0.00	2.00	2R	1W	
133.20	136.25	3.05	45.00	0.08	0.00	2.00	2R	1W	
		0.00	75.00	0.07	0.00	2.00	2R	1W	
136.25	139.29	3.04	65.00	0.20	0.00	2.00	2R	1W	
139.29	142.34	3.05							
142.34	145.39	3.05	60.00	0.35	0.00	2.00	2R	1W	
145.39	148.44	3.05							
148.44	151.49	3.05	65.00	0.60	2.00	2.00	2R	1W	
151.49	154.53	3.04	50.00	0.80	1.00	2.00	2R	1W	
154.53	157.58	3.05	45.00	0.62	0.00	2.00	3R	1W	
157.58	160.63	3.05	55.00	0.10	0.00	2.00	2R	1W	
160.63	163.68	3.05	70.00	0.08	1.00	2.00	2R	1W	
163.68	166.72	3.04	45.00	0.50	0.00	2.00	3R	1W	Additional joint set: 60 / 0.20 / 0 / 2 / 3R / 1W
166.72	169.77	3.05	45.00	0.82	0.00	2.00	3R	1W	Additional joint set: 70 / 0.42 / 0 / 2 / 3R / 1W
169.77	172.82	3.05	40.00	0.60	2.00	2.00	3R	1W	
172.82	175.87	3.05							
175.87	178.92	3.05							
178.92	181.97	3.05	55.00	1.00	0.00	2.00	3R	1W	
181.97	185.01	3.04	50.00	0.80	0.00	2.00	3R	1W	
185.01	188.06	3.05							

KLAZA

188.06	191.11	3.05							
191.11	194.16	3.05	50.00	0.20	2.00	2.00	2R	1W	
194.16	197.21	3.05	20.00	0.25	1.00	2.00	2R	1W	ADDITIONAL JOINT SET: 75 / .08 / 0 / 2 / 2R / 1W
197.21	200.25	3.04							
200.25	203.30	3.05	45.00	0.30	1.00	2.00	3R	1W	
203.30	206.35	3.05							
206.35	209.40	3.05	50.00	0.10		2.00	2R	1W	
209.40	212.45	3.05							
212.45	215.49	3.04	55.00	0.70	1.00	2.00	3R	1W	
215.49	218.54	3.05	30.00	1.00	2.00	2.00	3R	1W	
218.54	221.59	3.05							
221.59	224.64	3.05	55.00	0.25		2.00	2R	1W	
224.64	227.69	3.05	65.00	0.15	0.00	2.00	3R	1W	
227.69	230.73	3.04							
230.73	233.78	3.05	65.00	0.10	0.00	2.00	3R	1W	
233.78	236.83	3.05	65.00	0.25	0.00	2.00	3R	1W	
236.83	239.88	3.05	45.00	0.30	0.00	2.00	2R	1W	
239.88	242.93	3.05	50.00	0.20	0.00	2.00	2R	1W	additonal joint set: 60/ .07/0/2/2r/1w
242.93	245.97	3.04							
245.97	249.02	3.05	45.00	0.75	0.00	2.00	2r	1w	
249.02	252.07	3.05	45.00	0.70	0.00	2.00	2r	1w	
252.07	255.12	3.05	75.00	0.12	0.00	2.00	2r	1w	
255.12	258.17	3.05							
258.17	261.21	3.04	35.00	0.75	1.00	2.00	2r	1w	
261.21	264.26	3.05							
264.26	267.31	3.05	50.00	0.30	0.00	2.00	2r	1w	
267.31	270.36	3.05	65.00	0.70	0.00	2.00	2r	2w	
270.36	273.41	3.05	20.00	0.10	0.00	2.00	3r	1w	
273.41	276.45	3.04	75.00	0.19	0.00	2.00	2r	2w	
276.45	279.50	3.05	75.00	0.19	0.00	2.00	2r	1w	
279.50	282.55	3.05	75.00	0.14	0.00	2.00	2r	2w	
282.55	285.60	3.05	50.00	0.08	0.00	2.00	2r	2w	
285.60	288.65	3.05	60.00	0.19	0.00	2.00	2r	2w	
288.65	291.69	3.04	40.00	0.55	0.00	2.00	3r	2w	
291.69	294.74	3.05	35.00	1.12	0.00	2.00	3r	2w	
294.74	297.79	3.05	50.00	0.24	0.00	2.00	3r	1w	
297.79	300.84	3.05	55.00	0.68	0.00	2.00	3r	1w	

KLAZA

300.84	303.89	3.05	50.00	0.16	0.00	2.00	3r		1w	
303.89	306.93	3.04	70.00	0.05	0.00	2.00	3r		1w	
306.93	309.98	3.05	70.00	0.17	0.00	2.00	2r		2w	
309.98	313.03	3.05	70.00	0.58	0.00	2.00	2r		2w	
313.03	316.08	3.05	70.00	0.40	0.00	2.00	2r		2w	
316.08	319.12	3.04	60.00	0.38	0.00	1.00	2r		1w	
319.12	322.17	3.05	70.00	0.88	0.00	1.00	2r		1w	
322.17	325.22	3.05	65.00	0.58	0.00	1.00	1r		1w	
325.22	328.27	3.05	0.00	0.00	0.00	0.00		0.00		0.00
328.27	331.32	3.05		0.00	0.00	0.00		0.00		0.00
331.32	334.37	3.05	60.00	0.56	0.00	2.00	2r		1w	
334.37	337.41	3.04	0.00	0.00	0.00	2.00	2r		1w	
337.41	340.46	3.05	80.00	0.78	0.00	2.00	2r		1w	
340.46	343.51	3.05	55.00	0.54	0.00	2.00	2r		1w	
343.51	346.56	3.05	60.00	0.17	0.00	2.00	2r		1w	
346.56	349.61	3.05	60.00	0.83	0.00	1.00	2r		2w	
349.61	352.65	3.04	0.00	0.00	0.00	0.00		0.00		0.00
352.65	355.70	3.05	80.00	0.94	0.00	1.00	1r		1w	
355.70	358.75	3.05	60.00	0.33	0.00	1.00	1r		1w	
358.75	361.80	3.05	55.00	0.72	0.00	1.00	2r		1w	
361.80	364.85	3.05	0.00	0.00	0.00	0.00		1.00	1w	
364.85	367.89	3.04	60.00	0.44	0.00	1.00	1r			0.00
367.89	370.94	3.05	60.00	0.24	0.00	1.00	2r		2w	
370.94	373.99	3.05	60.00	0.23	0.00	2.00	2r		3w	
373.99	377.04	3.05	60.00	0.52	0.00	1.00	2r		1w	
377.04	380.09	3.05	0.00	0.00	0.00	0.00		0.00		0.00
380.09	383.13	3.04	60.00	0.60	0.00	1.00	1r		2w	
383.13	386.18	3.05	45.00	0.33	0.00	1.00	1r		1w	
386.18	389.23	3.05	60.00	0.13	0.00	1.00	1r		1w	
389.23	392.28	3.05	60.00	0.33	0.00	2.00	2r		1w	
392.28	395.33	3.05	60.00	0.16	0.00	2.00	2r		3w	
395.33	398.37	3.04	0.00	0.00	1.00	0.00		0.00		0.00
398.37	401.42	3.05	75.00	0.23	0.00	1.00	2r		2w	
401.42	404.47	3.05	60.00	0.46	0.00	1.00	1r		2w	
404.47	407.52	3.05	60.00	0.36	0.00	1.00	2r		2w	
407.52	410.57	3.05	40.00	0.38	0.00	2.00	1r		2w	
410.57	413.61	3.04	55.00	0.13	0.00	1.00	1r		1w	
413.61	416.66	3.05	75.00	0.36	0.00	1.00	2r		2w	

KLAZA

416.66	419.17	2.51	75.00	0.15	0.00	2.00	2r	1w	
419.17	422.76	3.59	60.00	0.82	0.00	1.00	2r	2w	
422.76	425.81	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
425.81	428.85	3.04	80.00	0.40	0.00	1.00	2r	2w	
428.85	431.90	3.05	75.00	0.23	0.00	1.00	1r	2w	
431.90	434.95	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
434.95	438.00	3.05	60.00	0.13	0.00	1.00	1r	2w	
438.00	438.91	0.91	40.00	0.25	0.00	2.00	2r	2w	
	EOH								

KLAZA

DH-KL-12-116 **Date: AUG 28TH**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		OVB
2.00		OVB
3.00		OVB
4.00		OVB
5.00		OVB
6.00	23.80	
7.00	12.10	
8.00	11.60	
9.00	11.10	
10.00	4.88	
11.00	5.27	
12.00	15.60	
13.00	9.47	
14.00	19.60	
15.00	0.76	
16.00	0.18	
17.00	0.45	
18.00	0.10	
19.00	0.21	
20.00	0.40	
21.00	0.14	
22.00	0.36	
23.00	0.34	
24.00	0.32	
25.00	0.34	
26.00	0.71	
27.00	0.36	
28.00	0.14	
29.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.69	
31.00	0.32	
32.00	0.49	
33.00	0.36	
34.00	0.32	
35.00	0.29	
36.00	0.25	
37.00	0.29	
38.00	0.16	
39.00	0.65	
40.00	0.27	
41.00	0.47	
42.00	0.47	
43.00	9.57	
44.00	0.65	
45.00	0.25	
46.00	0.32	
47.00	0.29	
48.00	2.25	
49.00	0.31	
50.00	0.36	
51.00	0.20	
52.00	0.20	
53.00	0.95	
54.00	0.20	
55.00	0.25	
56.00	0.14	
57.00	0.25	
58.00	0.49	
59.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.36	
61.00	0.29	
62.00	0.18	
63.00	0.18	
64.00	0.09	
65.00	0.16	
66.00	0.29	
67.00	0.27	
68.00	0.23	
69.00	0.18	
70.00	0.43	
71.00	1.00	
72.00	0.18	
73.00	0.14	
74.00	0.23	
75.00	0.14	
76.00	0.38	
77.00	0.12	
78.00	0.05	
79.00	0.64	
80.00	0.62	
81.00	0.36	
82.00	0.31	
83.00	0.18	
84.00	0.20	
85.00	26.00	
86.00	33.80	
87.00	0.32	
88.00	0.31	
89.00	0.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	21.20	
91.00	14.50	
92.00	0.34	
93.00	0.54	
94.00	1.04	
95.00	0.36	
96.00	4.53	
97.00	13.70	
98.00	19.90	
99.00	0.34	
100.00	0.53	
101.00	0.10	
102.00	25.70	
103.00	0.54	
104.00	0.18	
105.00	0.25	
106.00	1.81	
107.00	24.10	
108.00	0.60	
109.00	10.70	
110.00	22.80	
111.00	24.00	
112.00	8.43	
113.00	11.60	
114.00	0.49	
115.00	0.31	
116.00	0.12	
117.00	0.14	
118.00	7.61	
119.00	6.66	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.00	
121.00	0.20	
122.00	0.18	
123.00	0.27	
124.00	0.21	
125.00	0.34	
126.00	0.71	
127.00	0.21	
128.00	2.17	
129.00	0.49	
130.00	10.20	
131.00	26.40	
132.00	27.40	
133.00	23.40	
134.00	26.60	
135.00	39.90	
136.00	13.70	
137.00	18.30	
138.00	7.81	
139.00	26.20	
140.00	2.12	
141.00	2.34	
142.00	22.70	
143.00	13.10	
144.00	1.20	
145.00	0.47	
146.00	0.56	
147.00	7.57	
148.00	18.90	
149.00	14.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	15.00	
151.00	19.70	
152.00	25.00	
153.00	19.40	
154.00	4.95	
155.00	10.00	
156.00	12.70	
157.00	19.10	
158.00	11.00	
159.00	8.39	
160.00	8.96	
161.00	10.30	
162.00	10.50	
163.00	19.30	
164.00	8.52	
165.00	3.51	
166.00	0.65	
167.00	0.23	
168.00	0.20	
169.00	0.27	
170.00	0.36	
171.00	0.64	
172.00	0.27	
173.00	0.47	
174.00	0.73	
175.00	1.06	
176.00	0.47	
177.00	0.21	
178.00	2.21	
179.00	0.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	19.90	
181.00	0.65	
182.00	6.40	
183.00	8.18	
184.00	15.90	
185.00	1.11	
186.00	14.30	
187.00	0.86	
188.00	0.38	
189.00	0.82	
190.00	7.37	
191.00	5.25	
192.00	10.60	
193.00	15.60	
194.00	6.75	
195.00	0.62	
196.00	0.34	
197.00	0.60	
198.00	0.31	
199.00	0.31	
200.00	0.27	
201.00	0.51	
202.00	0.25	
203.00	0.21	
204.00	0.42	
205.00	0.43	
206.00	2.19	
207.00	0.86	
208.00	0.67	
209.00	0.34	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.16	
211.00	0.23	
212.00	0.51	
213.00	0.31	
214.00	0.31	
215.00	0.36	
216.00	0.45	
217.00	3.31	
218.00	2.26	
219.00	0.31	
220.00	15.40	
221.00	2.15	
222.00	0.62	
223.00	0.67	
224.00	0.42	
225.00	0.67	
226.00	0.42	
227.00	0.20	
228.00	0.93	
229.00	0.25	
230.00	0.27	
231.00	0.32	
232.00	10.40	
233.00	0.31	
234.00	5.96	
235.00	0.42	
236.00	0.21	
237.00	0.60	
238.00	10.90	
239.00	0.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	6.27	
241.00	12.50	
242.00	0.36	
243.00	20.90	
244.00	25.40	
245.00	0.78	
246.00	0.21	
247.00	0.47	
248.00	17.00	
249.00	19.00	
250.00	10.30	
251.00	27.30	
252.00	0.96	
253.00	0.67	
254.00	12.40	
255.00	5.92	
256.00	0.64	
257.00	0.89	
258.00	0.45	
259.00	1.02	
260.00	38.80	
261.00	1.44	
262.00	1.51	
263.00	3.36	
264.00	0.82	
265.00	27.20	
266.00	0.73	
267.00	0.73	
268.00	0.53	
269.00	3.78	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.98	
271.00	0.49	
272.00	9.02	
273.00	2.61	
274.00	0.16	
275.00	0.34	
276.00	0.54	
277.00	5.19	
278.00	1.53	
279.00	0.60	
280.00	1.13	
281.00	0.49	
282.00	11.90	
283.00	0.47	
284.00	24.10	
285.00	4.41	
286.00	29.30	
287.00	32.50	
288.00	35.80	
289.00	27.40	
290.00	24.70	
291.00	1.88	
292.00	13.00	
293.00	21.10	
294.00	4.39	
295.00	0.91	
296.00	0.25	
297.00	0.42	
298.00	0.05	
299.00	0.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.38	
301.00	0.10	
302.00	0.32	
303.00	0.14	
304.00	4.75	
305.00	5.65	
306.00	3.53	
307.00	0.91	
308.00	9.60	
309.00	1.31	
310.00	32.30	
311.00	0.32	
312.00	0.32	
313.00	0.31	
314.00	0.34	
315.00	0.25	
316.00	0.27	
317.00	0.58	
318.00	?	
319.00	8.18	
320.00	20.60	
321.00	8.94	
322.00	0.64	
323.00	6.07	
324.00	0.65	
325.00	0.43	
326.00	0.21	
327.00	2.15	
328.00	0.47	
329.00	0.95	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.47	
331.00	0.29	
332.00	0.23	
333.00	0.12	
334.00	1.33	
335.00	7.75	
336.00	26.90	
337.00	0.60	
338.00	32.10	
339.00	25.20	
340.00	15.80	
341.00	1.09	
342.00	8.74	
343.00	0.56	
344.00	0.21	
345.00	1.07	
346.00	0.32	
347.00	0.31	
348.00	0.27	
349.00	0.36	
350.00	0.27	
351.00	0.34	
352.00	0.29	
353.00	2.26	
354.00	0.23	
355.00	0.42	
356.00	0.32	
357.00	0.29	
358.00	0.34	
359.00	0.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.36	
361.00	0.21	
362.00	0.32	
363.00	0.36	
364.00	0.23	
365.00	0.18	
366.00	0.23	
367.00	0.16	
368.00	0.25	
369.00	0.36	
370.00	0.18	
371.00	0.16	
372.00	0.25	
373.00	0.29	
374.00	0.20	
375.00	0.25	
376.00	0.21	
377.00	0.62	
378.00	0.40	
379.00	0.36	
380.00	0.47	
381.00	0.43	
382.00	0.18	
383.00	0.40	
384.00	0.27	
385.00	0.57	
386.00	0.10	
387.00	0.23	
388.00	0.23	
389.00	0.29	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	0.23	
391.00	0.14	
392.00	0.09	
393.00	0.29	
394.00	0.62	
395.00	0.14	
396.00	0.14	
397.00	0.21	
398.00	0.14	
399.00	4.84	
400.00	5.14	
401.00	0.32	
402.00	0.45	
403.00	2.52	
404.00	0.42	
405.00	0.27	
406.00	0.27	
407.00	0.34	
408.00	0.16	
409.00	0.21	
410.00	0.10	
411.00	0.80	
412.00	0.12	
413.00	0.07	
414.00	0.34	
415.00	0.40	
416.00	0.18	
417.00	1.93	
418.00	0.10	
419.00	0.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	0.10	
421.00	0.10	
422.00	0.21	
423.00	0.14	
424.00	0.89	
425.00	0.12	
426.00	0.18	
427.00	1.26	
428.00	16.80	
429.00	10.20	
430.00	16.80	
431.00	0.78	
432.00	0.36	
433.00	1.17	
434.00	0.82	
435.00	4.83	
436.00	0.12	
437.00	0.49	
438.00	0.10	

KLAZA

Hole: DDH-KL-12-116 **Date: aug 28th 2012**

Box #	From (m)	To (m)
1	0.00	5.38
2	5.38	10.82
3	10.82	15.92
4	15.92	21.07
5	21.07	26.52
6	26.52	32.01
7	32.01	37.62
8	37.62	43.07
9	43.07	48.78
10	48.78	54.43
11	54.43	60.05
12	60.05	65.10
13	65.10	70.46
14	70.46	75.52
15	75.52	81.05
16	81.05	86.67
17	86.67	91.92
18	91.92	97.28
19	97.28	102.63
20	102.63	108.43
21	108.43	113.42
22	113.42	118.63
23	118.63	123.95
24	123.95	129.23
25	129.23	134.56
26	134.56	140.16
27	140.16	145.79
28	145.79	149.98
29	149.98	156.55

KLAZA

30	156.55	161.80
31	161.80	167.30
32	167.30	172.82
33	172.82	177.90
34	177.90	183.25
35	183.25	188.59
36	188.59	193.67
37	193.67	198.03
38	198.03	204.34
39	204.34	209.40
40	209.40	214.44
41	214.44	219.55
42	219.55	224.81
43	224.81	230.28
44	230.28	235.64
45	235.64	241.47
46	241.47	245.84
47	245.84	252.65
48	252.65	258.32
49	258.32	263.64
50	263.64	269.03
51	269.03	274.48
52	274.48	280.25
53	280.25	285.40
54	285.40	290.79
55	290.79	296.37
56	296.37	302.00
57	302.00	307.49
58	307.49	312.92
59	312.92	318.60
60	318.60	324.37
61	324.37	329.76
62	329.76	335.23
63	335.23	340.82
64	340.82	346.36
65	346.36	351.67
66	351.67	357.08

KLAZA

67	357.08	362.62
68	362.62	367.89
69	367.89	373.12
70	373.12	378.32
71	378.12	383.58
72	383.58	389.04
73	389.04	394.42
74	394.42	399.88
75	399.88	405.32
76	405.32	410.91
77	410.91	416.38
78	416.38	421.19
79	421.19	426.32
80	426.32	431.55
81	431.55	437.18
82	437.18	438.91

PROPERTY NAME

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381138.31	6889504.9	1297.837	201.5

ZONE: Chevron

SECTION:

HOLE: DDH-KL-12-117

CLAIM: DIC 4 - YA93473

Contractor: Elite

Drill: 4

Core size: BTW Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 20th - Aug 22nd, 2012

Geology logged by: N. Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	76.25	76.25	GRD	PATCHY PHYLLIC + ARGILLIC altered granodiorite
76.25	117.32	41.07	GRD	PHYLLIC alteration is dominant; weak phyllic alteration
117.32	178.83	61.51	GRD	**WEAK PROPYLITIC ALTERATION with several zones of phyllic alteration (cm-scale)**
109.74	110.00	0.26	VEN	Vein; Semi-massive pyrite associated with blebby galena, arsenopyrite, sphalerite in grey quartz vein. Core around vein is fractured
178.83	179.31	0.48	FEL	Dike (Quartz-feldspar porphyry?) Plagio-phyric (course grained
179.31	196.43	17.12	GRD	UNALTERED GRANODIORITE with minor zones of fine-grained weak phyllic alteration envelopes
196.43	201.50	5.07	Grd	PATCHY GOUGEY ARGILLIC ALTERATION with phyllic overprint.
				EOH @ 201.5 m

SAMPLES

Numbers: M357083- M357195

Total: 113

Batch: 117-1 TO 117-4

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-117 **Logger Name:** N. Bueckert **Date: August 29, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	4.57	4.57																			Casing no recovery
4.57	39.05	34.48				mKgW	GRD	MG	lt	gy	ma	<3									UNALTERED GRANODIORITE with cm- to m-scale zones of phyllic and argillic alteration. Carbonate veinlets common. Limonite staining on fractured surfaces, zones <2m of pervasive oxidation (moderate)
			12.90	14.32	1.42	mKgW	GRD	MG		wh											Zone of pervasive oxidation - core gougy
										or		3.00									
			27.30	39.05	11.75	mKgW	GRD	MG	md	gy	pa			PHC	2.00						GRANODIORITE - PATCHY ALTERATION. Increase in quartz and calcite veinlets. Narrow zones (10 - 80cm) of pervasive oxidation and weak phyllic alteration around veinlets
										or											
39.05	63.90	24.85				mKgW	GRD	MG		wh	pa			PHC	2						PHYLLIC + ARGILLIC ALTERED GRANODIORITE. Metre-scale zones of alternating phyllic and argillic alteration
									lt	gn				ARG	3						
			39.05	46.00	6.95	mKgW	GRD	MG	lt	gn	pa			PHC	2.00						PHYLLIC altered granodiorite with 10-20 cm patches of argillic alteration. Sheeted quartz veinlets (white) common. Minor gouge zones (5cm)
										wh				ARG	3.00						
			46.00	51.85	5.85	mKgW	GRD	MG		wh				ARG	3.00						ARGILLIC altered granodiorite with 5-20cm patches of phyllic alteration
									lt	gn											
			51.85	57.61	5.76	mKgW	GRD	MG	lt	gn	pa										PHYLLIC ALTERATION with 30-60cm zones of rubbly argillic alteration. Coarse-grained disseminated magnetite present in phyllic altered granodiorite. Massive and banded quartz veins (1-2.5cm)
57.61	63.90	6.29				mKgW	GRD	MG	lt	gn	pa			PHC	2.00			mg	2.00		GOUGEY PHYLLIC altered granodiorite with pervasive gougy zones (due to phyllic overprint of argillic altered granodiorite?) Black sulphide 'streaks' associated with strong white gouge zones.
										wh	go			ARG?	3.00						
63.90	76.25	12.35				mKgW	GRD	MG	lt	gn	pa			PHC	<3						PATCHY PHYLLIC + ARGILLIC altered granodiorite. Similar to 39.05 - 63.90m interval but alteration zones are typically more narrow (10-30cm, up to metre-scale)
										wh				ARG	3.00						
									md	gy				POT	1.00						
			63.90	69.90	6.00	mKgW	GRD	MG	md	gy	pa			POT	1.00						WEAK POTASSIC ALTERATION with patches of argillic alteration (5-25cm); core highly fractured
			69.90	76.25	6.35	mKgW	GRD	MG	lt	gn	pa			ARG	3.00						PATCHY ARGILLIC-PHYLLIC-POTASSIC alteration; each zone 15-20cm; phyllic overprint? Dominant alteration type is phyllic
										wh				POT	1.00						
														PHC	2.00						
76.25	117.32	41.07				mKgW	GRD		lt	gn				PHC	1.00						PHYLLIC alteration is dominant; weak phyllic alteration (chlorite present; pyrite, sericite absent). Sheeted veining +/- sulphide mineralization present. Zones of weak potassic alteration present. Netted white quartz-carbonate veinlets and veins common.
									dk	gn				PHC	3.00						
														ARG	2.00						
														POT	1.00						
			94.00	98.58			GRD		lt	gn	ne			POT	1.00						NETTED white quartz-carbonate veining frequent in K-spar bearing potassic altered granodiorite with phyllic + argillic alteration (gougy)
										rd	go			PHC	1.00						

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
														ARG	1.00						
110.02	117.32	7.30					GRD		lt	gn				PHC	1.00						PHYLLIC ALTERED granodiorite; core gougy, rubbly, fractured
														ARG	3.00						
117.32	178.83	61.51				mKgW	GRD	MG	md	gy	ma			PRO	1.00						WEAK PROPYLITIC ALTERATION with several zones of phyllic alteration (cm-scale); general decrease in quartz and calcite veinlets. Quartz-sulphide veins present (see secondary structures log). Potassic zones are siliceous.
										pk	pa			PHC	2.00						
			127.65	133.90	6.25	mKgW	GRD	MG	lt	gn	pa			PHC	2.00						PHYLLIC ALTERED GRANODIORITE (weak) sheeted, white and pink quartz-carbonate veinlets with whitish, clay altered selvages
														ARG	2.00						
			136.25	136.88	0.63	mKgW	GRD	MG	dk	gn				PRO	2.00			He	4.00		Core rubbly, hematite stained at bottom of interval
			138.94	140.12	1.18	mKgW	GRD	MG	lt	gn				PHC	3.00						Vein with wide phyllic envelope
			146.00	148.52	2.52	mKgW	GRD	MG	lt	gn				PHC	3.00						PHYLLIC ALTERED GRANODIORITE in clay altered core (Argillic under print)
														ARG	2.00						
			148.52	163.85	15.33	mKgW	GRD	MG	lt	gn				PHC	3.00						PHYLLIC ALTERED GRANODIORITE with increase in white quartz stringers
178.83	179.31	0.48				LKqP	FEL	FG	dk												Dike (Quartz-feldspar porphyry?) Plagio-phyric (course grained) in dark grey, fine grained to crystalline matrix. Quartz absent, carbonaceous
179.31	196.43	17.12				mKgW	GRD	MG	md	gy	ma			PHC							UNALTERED GRANODIORITE with minor zones of fine-grained weak phyllic alteration envelopes (<10cm) around carbonate veinlets.
			193.40	196.10	2.70	mKgW	GRD	MG		pk	pa			POT	2.00						Pink patchy potassic flooding in zones <20cm. Phyllic envelope (25cm) in zone of increased quartz carbonate veinlets
														PHC	2.00						
196.43	201.50	5.07				mKgW	GRD	MG	lt	gn	pa			PHC	3.00						PATCHY GOUGEY ARGILLIC ALTERATION with phyllic overprint. Down hole is rubbly core with hematite staining and argillic alteration
										pk				ARG	3.00						
														POT	3.00						
			196.43	197.95	1.52	mKgW	GRD	MG	lt	gn				PHC	3.00						PHYLLIC ALTERATION in quartz carbonate veinlet zone, increase in veinlet frequency. Gougy at bottom of interval
			197.95	201.50	3.55	mKgW	GRD	MG	lt	pk	go			POT	3.00						GOUGY rubbly argillic and potassic alteration. Chlorite and hematite on fracture surfaces.
										bk				ARG	3.00						

PROPERTY NAME

Hole: DDH-KL-12-117 Logger Name: N. Bueckert

Depth (m)		DESCRIPTION
178.83		GRD=FEL. Contact is sharp, irregular ~25 degrees TCA, massive weak, potassic altered GRD to porphyritic dark grey intermediate dike
179.31		FEL=GRD. Contact is sharp, irregular, opposite texture/colour from above ~25 degrees TCA

PROPERTY NAME

Hole: DDH-KL-12-117 **Logger Name:** N. Bueckert **Date:** August 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	4.57	14.32	50-70		2.00			Limonite-quartz+/-calcite veinlets - thin banded (<2mm)	
VT	14.32	39.05	50-70		4.00			Limonite-quartz+/-calcite and calcite veinlets. White quartz veinlets cross-cuts white quartz veinlets creates 1.5cm offset (rare)	
VT	39.05	63.90	40-75		2.50			Calcite and quartz veinlets	
VT	48.00	49.00	60.00		2.00	gn	3.00	Trace galena and minor blebs of pyrite in sulphide veinlets (7mm) 60cm apart	
						py	6.00		
VN	55.75	57.61	35,90		2.00			Massive pinkish quartz +/- carbonate vein (1cm) at 55.75m; Medium-banded pink-grey quartz vein (2.5cm) at 57.61m	
VN	58.25		90.00		1.00	py	2.00	Medium-banded pink-grey quartz vein (2.5cm) with trace pyrite	
VN	81.30	81.32	45.00		1.00	GN	3.00	Grey quartz vein with white bands, trace galenda with black sulphide	
VN	88.40	89.22	40.00		3.00	sph	2.50	Three sheeted quartz/carbonate vins (4cm) hosting weak blebby sphalerite/galena/pyrite mineralization (Py <5%) hangin wall is vuggy silicic breccia with netted quartz/carbonate veinlets hosting trace galena	
						gn	2.50		
VN	109.74	110.00	35.00		1.00	py	20.00	Vein, Semi-massive pyrite associated with blebby galena, arsenopyrite, sphalerite in grey quartz vein. Core around vein is fractured	
						gn	5.00		
						as	5.00		
						sph	5.00		
VN	128.38	128.44	30.00					White quartz vein with black sulphide (vein 1cm). No mineralization	
VT	127.68	133.90	35, 65		7.00			White and pink quartz carbonate veinlets	
VN	131.36	131.39	87.00		1.00			Pink and white massvie calcite vein	
VN	132.70	132.88	75.00		1.00			Pink and white massive, calcite vein with dark green, chlorite?, fine grained mineral, calcite and quartz veinlets and fine grained hematite? 25 cm downhole.	
VN	139.42	139.66	25.00		1.00	py	3.00	Black and pink banded quartz with sulphide? Vein withh minor blebby pyrite	
VN	158.63	158.85	30.00					Dark green-black, fine-grained, chlorite?, or black sulphide vein	
VT	193.40	196.10	60.00		7.00			Sheeted white quartz-carbonated veinlets	
VT	196.43	197.95	60.00		12.00	sph	1.00	Sheeted white-pink quartz-carbonate veinlets with trace black sulphide, sphalerite?, in one veinlet. One 2 cm vein-pink carbonate	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-117 **Date:** Aug-12

From (m)	Volume Original	Volume Final	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
14.8	1470	1660	532.3	334.3	GRD	ma					2.801579	2.688384	Weakly oxidized granodiorite
29.57	1470	1610	397.1	246.2	GRD	ma					2.836429	2.631544	Unaltered granodiorite
47.4	1470	1650	486.2	294.9	GRD	ma	arg	3			2.701111	2.541558	Moderate altered granodiorite
63.3	1470	1645	515.1	327.9	GRD	ma	phc	3			2.943429	2.751603	Phyllic alteration with black stringers
75	1440	1590	389.5	241.3	GRD	ma	arg	2			2.596667	2.628205	Weak argillic altered granodiorite
88.6	1440	1610	476	303.7	GRD	vn	phc	3	gn	2	2.8	2.762623	Two sheeted, vuggy quartz-carbonate veins (<1cm); phyllic alteration
									py	2			
96.8	1440	1625	492.9	304.6	GRD	go	pot	3			2.664324	2.617631	Argillic alteration with potassic overprint
							arg	3					
119	1440	1605	452.4	281.7	GRD	ma	pot	2			2.741818	2.650264	Silica flooded weak potassic alteration
							sil	3					
129.9	1420	1580	421.4	268	GRD	ma	pot	2			2.63375	2.747066	Silica flooded, potassic altered granodiorite
							sil	3					
145	1420	1670	663.2	418.1	GRD	ma	pro	1			2.6528	2.705834	Weak propylitic altered granodiorite
160.75	1420	1560	385.3	241.8	GRD	ma	phc	2			2.752143	2.685017	Moderate phyllic alteration
179	1420	1580	383.5	280.5	FEL	po					2.396875	3.723301	Dark grey, plagioclase-phyric dike
196.43	1410	1610	503.4	339.2	GRD	ma					2.517	3.065773	Unaltered granodiorite
													EOH

PROPERTY NAME

Hole: DDH-KL-12-117 **Date:** August 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
4.57	7.87	3.30	3.00	90.9	M357083	117-1				
7.87	11.13	3.26	3.00	92	M357084	117-1				
11.13	12.89	1.76	1.68	95.5	M357085	117-1				
					M357086	117-1				COARSE REJECT DUPLICATE
12.89	14.11	1.22	1.21	99.2	M357087	117-1				
14.11	17.11	3.00	3.00	100	M357088	117-1				
17.11	20.10	2.99	2.99	100	M357089	117-1				
20.10	23.34	3.24	3.00	92.6	M357090	117-1				
					M357091	117-1				BLANK
23.34	26.43	3.09	3.00	97.1	M357092	117-1				
26.43	27.52	1.09	1.09	100	M357093	117-1				
27.52	30.01	2.49	2.25	90.4	M357094	117-1				
30.01	33.00	2.99	2.61	87.3	M357095	117-1				
33.00	35.77	2.77	2.47	89.2	M357096	117-1				
35.77	38.71	2.94	2.62	89.1	M357097	117-1				
					M357098	117-1				STD KLAZA-3
38.71	41.76	3.05	2.93	96.1	M357099	117-1				
41.76	42.90	1.14	1.14	100	M357100	117-1				
42.90	44.81	1.91	1.80	94.2	M357101	117-1				
44.81	46.10	1.29	1.29	100	M357102	117-1				
46.10	47.71	1.61	1.61	100	M357103	117-1				
					M357104	117-1				1/4 DUPLICATE
47.71	48.79	1.08	1.00	92.6	M357105	117-1				
48.79	50.26	1.47	1.14	77.6	M357106	117-1				
50.26	51.40	1.14	1.02	89.5	M357107	117-1				
					M357108	117-1				BLANK
51.40	52.75	1.35	1.35	100	M357109	117-1				
52.75	53.86	1.11	1.00	90.1	M357110	117-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
53.86	55.72	1.86	1.62	87.1	M357111	117-1				
55.72	56.80	1.08	1.00	92.6	M357112	117-1				
56.80	58.32	1.52	1.52	100	M357113	117-1				
					M357114	117-1				STD KLAZA-2
58.32	59.32	1.00	1.00	100	M357115	117-1				
59.32	60.86	1.54	1.54	100	M357116	117-1				
60.86	62.67	1.81	1.78	98.3	M357117	117-1				
62.67	63.97	1.30	1.30	100	M357118	117-1				
63.97	66.88	2.91	2.76	94.8	M357119	117-2				
66.88	69.19	2.31	2.12	91.8	M357120	117-2				
69.19	71.82	2.63	2.61	99.2	M357121	117-2				
71.82	73.27	1.45	1.43	98.6	M357122	117-2				
73.27	75.28	2.01	2.00	99.5	M357123	117-2				
					M357124	117-2				COARSE REJECT DUPLICATE
75.28	77.65	2.37	2.35	99.2	M357125	117-2				
77.65	78.70	1.05	1.00	95.2	M357126	117-2				
78.70	81.08	2.38	2.36	99.2	M357127	117-2				
81.08	82.10	1.02	1.02	100	M357128	117-2				
82.10	85.10	3.00	3.00	100	M357129	117-2				
					M357130	117-2				STANDARD KLAZA 3
85.10	87.10	2.00	2.00	100	M357131	117-2				
87.10	88.10	1.00	1.00	100	M357132	117-2				
88.10	89.23	1.13	1.13	100	M357133	117-2				
89.23	90.33	1.10	1.10	100	M357134	117-2				
90.33	92.33	2.00	2.00	100	M357135	117-2				
92.33	94.00	1.67	1.67	100	M357136	117-2				
					M357137	117-2				1/4 DUPLICATE
94.00	96.85	2.85	2.74	96.1	M357138	117-2				
96.85	98.58	1.73	1.54	89	M357139	117-2				
98.58	99.67	1.09	0.99	90.8	M357140	117-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
99.67	101.70	2.03	1.62	79.8	M357141	117-2				
101.70	102.95	1.25	1.22	97.6	M357142	117-2				
					M357143	117-2				BLANK
102.95	105.95	3.00	2.75	91.7	M357144	117-2				
105.95	108.81	2.86	2.46	86	M357145	117-2				
108.81	109.81	1.00	1.00	100	M357146	117-2				
					M357147	117-2				BLANK
109.81	111.86	2.05	1.56	76.1	M357148	117-2				
111.86	113.70	1.84	1.44	78.3	M357149	117-2				
113.70	114.91	1.21	1.09	90.1	M357150	117-2				
114.91	117.46	2.55	1.80	70.6	M357151	117-2				
					M357152	117-2				STANDARD KLAZA 3
117.46	120.51	3.05	3.00	98.4	M357153	117-2				
120.51	123.61	3.10	2.90	93.5	M357154	117-2				
123.61	126.61	3.00	3.00	100	M357155	117-3				
126.61	127.68	1.07	1.00	93.5	M357156	117-3				
127.68	128.98	1.30	1.30	100	M357157	117-3				
128.98	130.98	2.00	1.96	98	M357158	117-3				
130.98	131.98	1.00	1.00	100	M357159	117-3				
					M357160	117-3				STANDARD KLAZA 3
131.98	133.10	1.12	1.12	100	M357161	117-3				
133.10	136.10	3.00	3.00	100	M357162	117-3				
136.10	138.92	2.82	2.30	81.6	M357163	117-3				
138.92	139.92	1.00	1.00	100	M357164	117-3				
					M357165	117-3				BLANK
139.92	142.34	2.42	2.16	89.3	M357166	117-3				
142.34	143.63	1.29	1.29	100	M357167	117-3				
143.63	146.63	3.00	3.00	100	M357168	117-3				
146.63	148.53	1.90	1.80	94.7	M357169	117-3				
					M357170	117-3				COARSE REJECT DUPLICATE
148.53	151.49	2.96	2.96	100	M357171	117-3				
151.49	154.53	3.04	3.04	100	M357172	117-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
154.53	157.58	3.05	2.96	97	M357173	117-3				
					M357174	117-3				STANDARD KLAZA 3
157.58	158.58	1.00	1.00	100	M357175	117-3				
158.58	159.60	1.02	1.00	98	M357176	117-3				
159.60	162.24	2.64	2.60	98.5	M357177	117-3				
162.24	163.79	1.55	1.55	100	M357178	117-3				
					M357179	117-3				BLANK
163.79	166.73	2.94	2.77	94.2	M357180	117-3				
166.73	169.77	3.04	2.96	97.4	M357181	117-3				
169.77	172.82	3.05	2.93	96.1	M357182	117-3				
172.82	175.87	3.05	2.94	96.4	M357183	117-3				
					M357184	117-3				1/4 DUPLICATE
175.87	178.92	3.05	2.90	95.1	M357185	117-3				
178.92	181.99	3.07	2.96	96.4	M357186	117-3				
181.99	185.01	3.02	3.02	100	M357187	117-3				
185.01	188.06	3.05	3.01	98.7	M357188	117-3				
188.06	191.11	3.05	2.95	96.7	M357189	117-3				
191.11	194.16	3.05	3.05	100	M357190	117-3				
194.16	196.43	2.27	2.27	100	M357191	117-4				
196.43	197.70	1.27	1.27	100	M357192	117-4				
					M357193	117-4				BLANK
197.70	199.00	1.30	1.30	100	M357194	117-4				
199.00	201.50	2.50	2.50	100	M357195	117-4				EOH

PROPERTY NAME

Hole: DDH-KL-12-117 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
4.57	5.18	0.61	0.57	93.4	0.00	0		1	0S	4W	
5.18	8.23	3.05	2.49		1.46			2	2S	2W	
8.23	11.28	3.05	2.90		0.83			1	0S	4W	
11.28	14.32	3.04	2.99		0.66			1	0S	4W	
14.32	17.37	3.05	2.98		2.07			2	3S	2W	
17.37	20.42	3.05	3.05		2.70			2	3S	2W	
20.42	23.46	3.04	3.02		2.09			2	3S	2W	
23.46	26.52	3.06	2.95		1.90			2	3S	2W	
26.52	29.57	3.05	3.02		1.84			2	3S	2W	
29.57	32.61	3.04	2.79		1.35			1	1S	4W	
32.61	35.66	3.05	2.82		1.12			2	3S	2W	
35.66	38.71	3.05	2.95		1.02			2	2S	2W	
38.71	41.76	3.05	2.92		1.45			1	2S	3W	
41.76	44.81	3.05	2.98		2.56			2	2S	2W	
44.81	47.85	3.04	3.00		1.40			1	2S	3W	
47.85	50.90	3.05	2.55		1.08			1	1S	3W	
50.90	53.95	3.05	2.85		1.89			1	2S	2W	
53.95	56.99	3.04	2.83		0.65			1	0S	4W	
56.99	60.05	3.06	3.05		1.70			2	2S	2W	
60.05	63.09	3.04	2.98		1.90			1	1S	3W	
63.09	66.14	3.05	2.69		0.90			1	2S	2W	
66.14	69.19	3.05	2.94		0.41			2	3S	2W	
69.19	72.24	3.05	2.98		1.14			2	3S	2W	
72.24	75.28	3.04	2.95		1.22			2	3S	3W	
75.28	78.33	3.05	3.00		1.94			1	3S	3W	
78.33	81.38	3.05	2.95		1.80			2	4S	2W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	3.02		2.20			2	3S	2W	
84.43	87.48	3.05	2.96		0.84			2	2S	2W	
87.48	90.53	3.05	3.05		1.45			2	3S	2W	
90.53	93.57	3.04	3.05		1.63			2	2S	2W	
93.57	96.62	3.05	2.99		1.50			2	2S	2W	
96.62	99.67	3.05	2.93		0.55			2	2S	2W	
99.67	102.72	3.05	2.70		0.72			1	2S	3W	
102.72	105.77	3.05	2.62		0.98			1	3S	4W	
105.77	108.81	3.04	2.60		0.61			1	3S	4W	
108.81	111.86	3.05	2.56		0.89			1	3S	4W	
111.86	114.91	3.05	2.40		0.61			1	2S	4W	
114.91	117.96	3.05	2.33		0.25			1	4S	4W	
117.96	121.01	3.05	2.80		1.96			1	3S	1W	
121.01	124.06	3.05	2.78		1.15			2	3S	2W	
124.06	127.10	3.04	2.97		0.87			1	3S	1W	
127.10	130.15	3.05	2.94		1.41			2	3S	2W	
130.15	133.20	3.05	3.02		0.42			2	1S	2W	
133.20	136.25	3.05	2.93		1.20			2	1S	4W	
136.25	139.29	3.04	2.44		1.59			1	3S	3W	
139.29	142.34	3.05	2.93		1.26			2	2S	2W	
142.34	145.39	3.05	2.98		2.10			2	3S	1W	
145.39	148.44	3.05	2.76		0.50			2	1S	1W	
148.44	151.49	3.05	3.02		1.68			1	3S	2W	
151.49	154.53	3.04	3.03		2.06			2	3S	1W	
154.53	157.50	2.97	3.05		1.39			2	3S	2W	
157.50	160.63	3.13	2.81		2.10			2	3S	3W	
160.63	163.98	3.35	3.00		2.25			2	3S	3W	
163.98	166.73	2.75	2.90		1.49			2	2S	4W	
166.73	172.82	6.09	2.89		2.00			1	3S	2W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	2.98		2.40			2	2S	2W	
175.87	178.92	3.05	2.97		2.12			1	3S	4W	
178.92	181.97	3.05	2.98		2.15			2	2S	2W	
181.97	185.10	3.13	3.02		2.19			2	3S	2W	
185.10	188.06	2.96	2.95		2.25			2	3S	2W	
188.06	191.11	3.05	2.80		2.34			2	3S	2W	
191.11	194.16	3.05	3.00		2.18			2	3S	2W	
194.16	197.21	3.05	2.85		1.31			2	0S	2W	
197.21	200.25	3.04	2.68		0.38			1	0S	5W	
200.25	201.50	1.25	0.86		0.00			1	0S	4W	
	EOH @ 201.50m										

PROPERTY NAME

Hole: DDH-KL-12-117 **Tech Name:** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
4.57	5.18	0.61	0.00						
5.18	8.23	3.05	0.00						
8.23	11.28	3.05	30.00	0.31	0.00	1.00	2R	2W	
11.28	14.32	3.04	0.00						
14.32	17.37	3.05	55.00	0.19	0.00	2.00	2R	2W	
17.37	20.42	3.05	60.00	0.40	0.00	1.00	1R	2W	
20.42	23.46	3.04	60.00	0.28	0.00	1.00	1R	2W	
23.46	26.52	3.06	60.00	0.19	0.00	1.00	1R	2W	
26.52	29.57	3.05	0.00						
29.57	32.61	3.04	60.00	0.21	0.00	1.00	1R	2W	
32.61	35.66	3.05	60.00	0.12	0.00	1.00	1R		
35.66	38.71	3.05	0.00						
38.71	41.76	3.05	25.00	0.48	0.50	1.00	1R	2W	
41.76	44.81	3.05	0.00						
44.81	47.85	3.04	60.00	0.33	0.00	2.00	1R	1W	
47.85	50.90	3.05	0.00						
50.90	53.95	3.05	40.00	0.60	0.50	2.00	2R	2W	
53.95	56.99	3.04	0.00						
56.99	60.05	3.06	50.00	0.23	0.00	1R	2R	2W	
60.05	63.09	3.04	0.00						
63.09	66.14	3.05	70.00	0.40	0.00	1.00	1R	2W	
66.14	69.14	3.00	60.00	0.16	0.00	1R	2W		
69.14	72.24	3.10	60.00	0.37	0.00	1.00	2R	2W	
72.24	75.28	3.04	60.00	0.22	0.00	1.00	2R	2W	
75.28	78.33	3.05	60.00	0.16	0.00	1.00	1R	1W	
78.33	81.38	3.05	65.00	0.19	0.00	1.00	1R	2W	
81.38	84.43	3.05	65.00	0.62	1.00	1R	1W		
84.43	87.48	3.05	0.00						
87.48	90.53	3.05	0.00						

PROPERTY NAME

90.53	93.57	3.04	55.00	0.24	2.00	1R	1W		
93.57	96.62	3.05	65.00	0.18	1.00	2R	1W		
96.62	99.67	3.05	0.00						
99.67	102.72	3.05	0.00						
102.72	105.77	3.05	0.00						
105.77	108.81	3.04	65.00	0.13	0.00	1.00	1R	1W	
108.81	111.86	3.05	60.00	0.21	0.00	2.00	2R	2W	
111.86	114.91	3.05	0.00		3.00				
114.91	117.96	3.05	45.00	0.11	0.00	1.00	1R	1W	
117.96	121.01	3.05	0.00						
121.01	124.06	3.05	55.00	0.25	0.00	1.00	1R	1W	
124.06	127.10	3.04	0.00						
127.10	130.15	3.05	50.00	0.31	0.00	1.00	2R	2W	
130.15	133.20	3.05	55.00	0.40	0.00	2.00	2R	2W	
133.20	136.25	3.05	60.00	0.27	0.00	1.00	2R	2W	
136.25	139.29	3.04	60.00	0.23	0.00	1.00	1R	1W	
139.29	142.34	3.05	0.00						
142.34	145.39	3.05	60.00	0.28	0.00	1.00	1R	1W	
145.39	148.44	3.05	40.00	0.11	0.50	1.00	2R	1W	
148.44	151.49	3.05	0.00						
151.49	154.53	3.04	35.00	0.49	0.00	1.00	2R	1W	
154.53	157.50	2.97	0.00						
157.50	160.63	3.13	0.00						
160.63	163.98	3.35	50.00	0.19	0.00	1.00	2R	2W	
163.98	166.73	2.75	55.00	0.40	0.00	1.00	2R	2W	
166.73	172.82	6.09	60.00	0.40	0.00	1.00	1R	1W	
172.82	175.87	3.05	0.00						
175.87	178.92	3.05	0.00						
178.92	181.97	3.05	0.00						
181.97	185.10	3.13	60.00	0.25	0.00	2.00	2R	2W	
185.10	188.06	2.96	0.00						
188.06	191.11	3.05	60.00	0.30	0.00	2.00	2R	2W	
191.11	194.16	3.05	0.00						
194.16	197.21	3.05	0.00						
197.21	200.25	3.04	0.00		2.50				
200.25	201.50	1.25	0.00						

EOH @ 201.50m

PROPERTY NAME

DH-KL-12-117 **Date: SEPT 1ST 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00	0.07	
6.00	2.87	
7.00	2.25	
8.00	6.02	
9.00	7.79	
10.00	15.30	
11.00	14.00	
12.00	8.94	
13.00	0.56	
14.00	3.78	
15.00	6.84	
16.00	12.20	
17.00	24.00	
18.00	11.70	
19.00	11.20	
20.00	8.94	
21.00	20.30	
22.00	8.96	
23.00	26.90	
24.00	23.20	
25.00	7.68	
26.00	24.80	
27.00	21.10	
28.00	17.10	
29.00	3.56	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	3.20	
31.00	10.80	
32.00	14.70	
33.00	4.66	
34.00	12.00	
35.00	8.38	
36.00	0.16	
37.00	0.69	
38.00	5.61	
39.00	15.60	
40.00	4.90	
41.00	1.37	
42.00	0.21	
43.00	0.18	
44.00	0.09	
45.00	0.10	
46.00	0.10	
47.00	0.49	
48.00	2.14	
49.00	0.12	
50.00	0.12	
51.00	0.16	
52.00	0.20	
53.00	0.10	
54.00	0.40	
55.00	0.45	
56.00	0.80	
57.00	0.38	
58.00	0.16	
59.00	0.18	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.27	
61.00	0.09	
62.00	0.03	
63.00	1.20	
64.00	8.14	
65.00	1.04	
66.00	2.41	
67.00	2.19	
68.00	1.97	
69.00	4.33	
70.00	0.78	
71.00	0.23	
72.00	13.40	
73.00	16.00	
74.00	0.27	
75.00	0.98	
76.00	1.95	
77.00	0.03	
78.00	0.89	
79.00	0.12	
80.00	0.25	
81.00	0.32	
82.00	0.75	
83.00	0.56	
84.00	0.29	
85.00	0.25	
86.00	0.25	
87.00	0.09	
88.00	0.14	
89.00	0.29	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.43	
91.00	0.31	
92.00	0.01	
93.00	0.14	
94.00	0.93	
95.00	0.20	
96.00	0.20	
97.00	0.98	
98.00	0.23	
99.00	0.16	
100.00	0.20	
101.00	0.10	
102.00	1.33	
103.00	0.12	
104.00	0.21	
105.00	0.21	
106.00	0.27	
107.00	0.27	
108.00	0.80	
109.00	0.40	
110.00	0.51	
111.00	3.38	
112.00	1.28	
113.00	0.98	
114.00	0.21	
115.00	0.07	
116.00	0.07	
117.00	0.29	
118.00	0.43	
119.00	6.11	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	3.12	
121.00	2.45	
122.00	0.58	
123.00	3.45	
124.00	7.04	
125.00	7.70	
126.00	13.70	
127.00	3.29	
128.00	0.09	
129.00	6.62	
130.00	1.81	
131.00	0.49	
132.00	0.20	
133.00	3.14	
134.00	5.59	
135.00	8.83	
136.00	1.31	
137.00	1.33	
138.00	2.39	
139.00	0.45	
140.00	3.89	
141.00	3.18	
142.00	0.43	
143.00	1.99	
144.00	7.64	
145.00	8.69	
146.00	0.31	
147.00	0.98	
148.00	0.14	
149.00	5.59	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	13.90	
151.00	1.39	
152.00	9.25	
153.00	2.81	
154.00	0.45	
155.00	8.39	
156.00	1.84	
157.00	2.15	
158.00	6.49	
159.00	0.54	
160.00	0.31	
161.00	1.00	
162.00	0.82	
163.00	0.20	
164.00	2.45	
165.00	2.25	
166.00	3.62	
167.00	9.71	
168.00	8.16	
169.00	7.02	
170.00	8.61	
171.00	13.71	
172.00	10.08	
173.00	12.80	
174.00	3.11	
175.00	8.56	
176.00	9.46	
177.00	0.86	
178.00	1.28	
179.00	2.72	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.78	
181.00	0.62	
182.00	0.45	
183.00	2.36	
184.00	2.19	
185.00	0.14	
186.00	5.61	
187.00	2.39	
188.00	9.05	
189.00	2.59	
190.00	5.96	
191.00	4.81	
192.00	13.80	
193.00	10.80	
194.00	6.03	
195.00	1.48	
196.00	0.78	
197.00	0.45	
198.00	1.02	
199.00	5.49	
200.00	0.91	
201.00	1.01	
	EOH @ 201.50m	

PROPERTY NAME

Hole: ddh-kl-12-117 **Date: September 1st 2012**

Box #	From (m)	To (m)
1	4.47	10.15
2	10.15	15.50
3	15.50	20.90
4	20.90	26.66
5	26.66	32.40
6	32.40	37.29
7	37.29	42.31
8	42.31	47.45
9	47.45	52.75
10	52.75	58.25
11	58.25	63.62
12	63.62	69.68
13	69.68	73.62
14	73.62	78.60
15	78.60	84.25
16	84.25	89.06
17	89.06	94.14
18	94.14	99.25
19	99.25	105.07
20	105.07	110.12
21	110.12	116.34
22	116.34	121.72
23	121.72	127.15
24	127.15	132.15
25	132.15	137.10
26	137.10	142.67
27	142.67	147.96
28	147.96	152.96
29	152.96	158.06

PROPERTY NAME

30	158.06	163.51
31	163.51	169.87
32	169.87	174.24
33	174.24	179.82
34	179.82	185.22
35	185.22	190.94
36	190.94	196.43
	196.43	201.50
		EOH @ 201.5m

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			382368.63	6889484.6	1386.668	197.21m

SECTION:

HOLE: DDH-12-118

CLAIM: YC37988

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 20th - Aug 25th, 2012

Geology logged by: Nicole Marsh

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	24.10	24.10	GRD	Oxidized GRD. ARG for 5m at end of inteval.
24.10	28.95	4.85	FEL	Dark-green-porphyritic dyke.
28.95	56.53	27.58	GRD	Unaltered GRD grading into weak PRO altteration.
56.53	66.30	9.77	FEL	Dark-green-porphyritic dyke.
66.30	76.40	10.10	GRD	Unaltered GRD.
76.40	77.29	0.89	FEL	Dark-green-porphyritic dyke.
77.29	125.20	47.91	GRD	Unaltered GRD.
125.20	131.33	6.13	GRD	Patchy ARG, PRO and PHC altered GRD.
131.33	138.82	7.49	GRD	Unaltered GRD.
138.82	158.23	19.41	GRD	Patchy ARG, PHC, PRO and ARG altered GRD.
158.23	161.6	3.37	GRD	BRX zone. PHC altered GRD with abundant veining
				hosting disseminated to blebby py, as, sp and gn.
161.6	165.07	3.47	FEL	Quartz-feldspar-poprhry dyke.
165.07	165.66	0.59	VEN	Milky quartz vein hosting blebby co and
				pervasive blebby to massive py.
165.66	192	26.34	GRD	Patchy PRO, ARG and PHC altered GRD.
192	197.21	5.21	GRD	Weakly PRO al GRD. EOH at 197.21m.

SAMPLES

Numbers: M354158 - M354285

Total: 129

Batch: 118-1 to 118-4

Date Sent:

Certificate:

COMMENTS

Experienced drilling difficulties at depth of 61.57m. Redrilled from 39.62m and ended hole at 197.21m. First attempt is referred to as part "A" in logs, while the second (and more accurate) attempt is referred to as part "B". Sections and summaries (after 39.62m) are referenced from part "B".

KLAZA

Hole: DDH-12-118 **Logger Name:** Nicole Marsh **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	2.55	2.55					OVB					5.00									Overburden, mud, intensely oxidized core, and float.
2.55	11.14	8.59				mKgW	GRD	MG	LT	GY		3.00									Oxidized granodiorite. Unaltered granodiorite wit patches of strong oxidization and friable core. Patchy weak limonite staining on surfaces, but generally restricted to fractures. HQ ended and NQ size core started at 9.75m.
11.14	15.48	4.34				mKgW	GRD	MG	MD	OR	PA	3.00		ARG	1.00						Patchy, oxidized granodiorite. Patches of granodiorite with light limonite staining, patches of strong limonite staining with quartz eyes, and one small patch of strong argillic alteration.
15.48	18.60	3.12				mKgW	GRD	MG	MD	OR		3.00		PHC	1.00						Heavily limonite stained granodiorite with patches of light white-blue phyllic and argillic alteration peaking through limonite staining. Intervals of heavy limonite stained granodiorite with quartz-eyes.
														ARG	1.00						
18.60	22.09	3.49				mKgW	GRD	MG	MD	OR		3.00		ARG	4.00						Strong argillic altered granodiorite with heavy limonite staining. Dusty, vibrant orange limonite on fractures. Patches of friable core.
22.09	24.10	2.01				mKgW	GRD	MG	MD	GY	PA	2.00		ARG	3.00						Dominantly unaltered granodiorite with oxidized/limonite stained fractures, few patches of limonite (+goethite) on surfaces. And patches of moderate to strong argillic alteration (argillic patches of moderately to strong limonite stained).
									MD	OR											
24.10	28.95	4.85				LKqP	FEL	FG	DK	GN	PO										Dark-green, fine grained dyke with white phenocrysts up to 5mm in size (generally
			26.64	26.92		mKgW	GRD	MG	LY	GY		3.00		ARG	4.00						Strong argillic altered granodiorite interval within dyke. Limonite stained on
			27.60	28.00		mKgW	GRD	MG	LT	BL		3.00		PHC	3.00						Light blue, veined and altered granodiorite. Phyllic altered (?) with silicification and quartz eyes. Quartz-carbonate veinlets present. 1/4 of interval is heavily limonite stained.
														SIL	3.00						
28.95	29.50					mKgW	GRD	MG	LT	GN		2.00		ARG	4.00						Strong argillic altered granodiorite with potassic overprinting at contact, followed by 18cm phyllic altered/silicified interval (light-green) and ending with limonite stained and argillic alternated granodiorite (strong argillic alteration).
									LT	OR				PHC	1.00						
									LT	WH				SIL	1.00						
29.50	30.56					mKgW	GRD	MG	LT	OR		3.00									Oxidized and friable granodiorite. Unaltered apart from oxidization. Most limonite restricted to fractures, with patches of crumbly and more oxidized granodiorite.
30.56	53.33					mKgW	GRD	MG	LT	GY	MA			PRO	1.00						Unaltered granodiorite with patches of very weak (+ rare moderate) propylitic alteration. Patches of fragmented core.
			32.77	33.96		mKgW	GRD	MG	DK	GN				PRO	3.00						Moderately propylitic altered granodiorite with moderate argillic alteration for at least 1/3 of interval (occurring with propylitic alteration). Not as competent as surrounding rock.
														ARG	3.00						
53.33	57.00					mKgW	GRD	MG	MD	BL-GN				PRO	2.00						Friable and fractures granodiorite. Patches of crumbly core. Shades of blue-green. Darker blue-green intervals occurring with hematite and chlorite staining (especially on fractures). Soft granodiorite at contact with dyke (15cm interval, fault?).
									LT	BL-GN											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
57.00	61.57						FEL	FG	DK	GN	PO										Same dyke as 24.10 to 28.95 (dark-blue green, porphyritic). Carbonate stringers and veinlets throughout. Cracks and fractures are coasted with dark-purple and red hematite. Abundant hematite filled cracks give an almost brecciated texture from 60.40 to 61.00m.
			57.30	57.62		mKgW	GRD	MG	LT	BL-GN				PRO	2.00						Light blue-green propylitic altered granodiorite. Weak (soft) core. Sharp upper and lower contact with dyke.
																					END OF PART DDH-12-118 PART A.
																					BEGINNING OF PART B (Redrilled, more accurate meterage).
39.62	49.85					mKgW	GRD	MG	LT	GY											Grey unaltered granodiorite with localized hematite and chlorite on some fractures.
49.85	56.23					mKgW	GRD	MG	LT	GY-BL				PRO	2.00						Interval is crumbly with patches of soft clay altered granodiorite. Interval is crumbly with short intervals of competent rock. Light grey (with blue-green tint). Weak propylitic alteration at contact with dyke.
									LT	BL-GN											
56.53	66.30						FEL	FG	DK	GN	PO										Dark green, porphyritic dyke. Blue-green (chlorite rich?) main interval with and hematite stained dark purple sub-interval described below. Carbonate stringers and veinlets spaced spread throughout dyke at various angles.
			57.09	59.44			FEL	FG	DK	PU	PO										Fragmented and friable purple, porphyritic dyke. Heavily hematite stained and altered.
											FR										
			61.55	61.78			GRD	MG	LT	GY				PRO	1.00						Weakly altered granodiorite with quartz-carbonate veinlets. Fragmented.
66.30	110.15					mKgW	GRD	MG	MD	GY				PRO	1.00						Granodiorite with trace propylitic alteration.
			76.40	77.19			FEL	FG	DK	GN	PO										Dark-green, porphyritic dyke with mm-scale phenocrysts. Carbonate stringers present.
			105.35	105.65		mKgW	GRD	MG	MD	GY	EN			PHC	2.00	<1					Weak phyllic alteration enveloping quartz vein with disseminated pyrite.
110.15	125.20					mKgW	GRD	MG	MD	GY				PRO	1.00						Granodiorite with trace propylitic alteration and patches of weak silicification and phyllic alteration.
														PHC	1.00						
														SIL	1.00						
			110.62	112.12		mKgW	GRD	MG	LT	GN	EN			PHC	3.00						Phyllic altered granodiorite with chalcedony, quartz and quartz-carbonate veinlets. Phyllic alteration enveloping veinlets.
														ARG	3.00						
														SIL	2.00						
125.20	131.33					mKgW	GRD	MG	LT	GN				PHC	3.00	<1					Patchy, altered granodiorite. Weak propylitic, moderate to strong argillic, and weak to moderate propylitic alteration. Phyllic alteration envelopes quartz and quartz-carbonate veining.
									MD	GN				PRO	2.00						
														ARG	3.00						
131.33	138.82					mKgW	GRD	MG	MD	GY				PRO	1.00						Unaltered granodiorite with patchy weak propylitic alteration and one 12cm aplite dyke (see secondary structures log).
138.82	158.23					mKgW	GRD	MG	MD	GY-(	PA			PHC	3.00						Patchy, altered granodiorite. Weak (+ minor moderate) propylitic, weak to moderate phyllic, and weak to strong argillic alteration. Phyllic alteration enveloped quartz and carbonate veinlets. Patches of friable core associated with argillic alteration occurring with propylitic alteration. Minor phyllic and potassic overprinting argillic. Phyllic and propylitic more abundant than argillic alteration.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									LT	GN				PRO	2.00						
														ARG	3.00						
														POT	1.00						
158.23	161.60					mKgW	GRD	MG	LT	GN				PHC	4.00						Beginning of BRX zone. Strong phyllic altered granodiorite with abundant veining and mineralization. Quartz and quartz-carbonate veining hosting blebby and disseminated pyrite, blebby galena, blebby sphalerite and disseminated (to small blebs) of arsenopyrite. Some crustiform and breccia texture with veins. Gouge within interval (see secondary structures log).
161.60	165.07						FEL	FG	LT	GN	PO										Light green, porphyritic quart-feldspar-porphyry dyke.
			161.86	162.17			VEN		DK	GY						15.00		Cp	2.00		Milky quartz vein hosting pervasive aphanitic sulphides, blebby to semi-massive pyrite and lesser proportions of blebby chalcopyrite. Carbonate and red hematite stained patches and veinlets present.
165.07	165.66						VEN		DK	BR						80.00		Cp	2.00		Milky quartz vein in footwall of dyke. Pervasive blebby and massive pyrite, and lesser proportions of blebby chalcopyrite. First 1cm of interval is sulphide gouge (at contact), followed by 10cm of banded breccia (aphanitic sulphide matrix with quartz and quartz-carbonate clasts up to 1cm in width) and white quartz-carbonate. Remainder of interval is milky-quartz vein. End of BRX zone.
165.66	181.05						GRD														
						mKgW	GRD	MG	LT	GN	PA			PRO	2.00						Patchy, altered granodiorite. Weak propylitic alteration with phyllic enveloping veins and veinlets. Trace argillic alteration.
									MD	GY-GN				PHC	3.00						
														ARG	1.00						
181.05	192.00					mKgW	GRD	MG	LT	WH	PA			PRO	2.00						Patchy, altered granodiorite. Alternating strong (+moderate) argillic alteration with weak to moderate propylitic alteration. Also, patchy propylitic and potassic overprinting argillic alteration.
									LT	GN-BL				ARG	3.00						
									MD	GY-GN											
192.00	197.21					mKgW	GRD	MG	MD	GY-GN				PRO	2.00						Weak propylitic alerted granodiorite grading into unaltered granodiorite. 1 small patch of strong argillic alteration.
														ARG	1.00						
																					EOH at 197.21m

KLAZA

Hole: DDH-12-118 **Logger Name: Nicole Marsh**

Depth (m)		DESCRIPTION
		Contacts of part "A"
24.10		Granodiorite hangingwall, dark green-porphyritic dyke footwall. Sharp contact at 15 degrees to-core-axis. Carbonate veinlet at contact, which cuts across dyke at 30 and 40 degrees to-core-axis). Slight limonite staining.
26.64		Dark green-porphyritic dyke hangingwall, granodiorite footwall. Abrupt contact at 60 degrees to-core-axis. Granodiorite is altered and weak. Dyke is much weaker at contact than the rest of the dyke.
26.92		Granodiorite hangingwall, dark green-porphyritic dyke footwall. Clay altered gouge at contact at 60 degrees to-core-axis. Granodiorite is argillic altered, dyke is hard/competent with hematite staining.
27.60		Dark green-porphyritic dyke hangingwall, granodiorite footwall. Abrupt contact at 45 degrees to-core-axis. Granodiorite and dyke are limonite stained at contact. Footwall is silicified and hosting blebby pyrite.
28.00		Granodiorite hangingwall, dark green-porphyritic dyke footwall. Dyke is hard and competent with limonite staining on fractures. Granodiorite is silicified and hosting blebby pyrite. Contact at approximately 45 degrees to-core-axis.
28.95		Dark-green-porphyritic dyke hangingwall, granodiorite footwall. Sharp contact at 10 degrees to-core-axis. Granodiorite is competent and argillic altered with potassic overprint. Dyke is competent and unaltered.
57.00		Granodiorite hangingwall, dark-green-porphyritic dyke footwall. Granodiorite is soft and propylitic altered (possible fault). Dyke is highly fragmented, in hard angular pieces.
57.27		Dark-green-porphyritic dyke hangingwall, granodiorite footwall. Hangingwall dyke is fragmented. Granodiorite is soft, crumbly and propylitic altered (not as soft as previous granodiorite contact).
57.58		Granodiorite hangingwall, dark-green-porphyritic dyke footwall. Granodiorite is
		End of part "A"
		Contacts of part "B"
56.53		Granodiorite hangingwall, dark-green-porphyritic dyke footwall. Sharp contact at 53 degrees to-core-axis. Unaltered at contact. Carbonate veinlet proximal to contact, within footwall.

KLAZA

Depth (m)		DESCRIPTION
61.55		Dark-green-porphyritic-dyke hangingwall, granodiorite footwall. Sharp contact at unknown angle (fragmented). Granodiorite weakly altered.
61.78		Fragmented contact. Grey (slightly pink), weakly altered granodiorite hangingwall. Dark-green-porphyritic dyke footwall. No gouge or mineralization at contact.
66.35		Dark-green-porphyritic dyke hangingwall. Granodiorite footwall. Very sharp contact at 30 degrees to-core-axis. Unaltered contact.
76.40		Very sharp contact. Competent, unaltered granodiorite hangingwall. Dark-green-porphyritic dyke footwall. Contact interfingered.
77.19		Very sharp contact with unaltered and competent dark-green-porphyritic dyke (hangingwall) and granodiorite (footwall). Contact slightly interfingered, with general contact angle of 10 degrees to-core-axis.
161.60		Granodiorite hangingwall, quartz-feldspar porphyry dyke footwall. Abrupt contact at 32 degrees to-core-axis. Fault-gouge/soft core on either side of contact (mostly quartz-feldspar-porphyry dyke). Granodiorite is veined proximal to contact (within hangingwall) hosting disseminated to blebby pyrite, arsenopyrite, sphalerite and galena.
165.07		Quartz-feldspar-porphyry dyke hangingwall. Milky quartz vein footwall. Abrupt contact with approximately 1cm of gouge, followed by brecciated for 8cm (quartz and quartz-carbonate clasts set within quartz and dark -aphanitic-sulphide matrix), followed by milky quartz vein hosting pervasive pyrite mineralization.
		EOH

KLAZA

Hole: DDH-12-118 **Logger Name:** Nicole Marsh **Date:**

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude ()	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
									Secondary structures for part "A"	
VT	14.02	14.05	0.03	87.00					Highly limonite stained, crustiform veinlet. 4mm in width. Carbonate(?).	
FT	15.68	15.92	0.24	40.00		2.00			19.5cm and 5cm of limonite stained and clay altered fault gouge at 40 and 60 degrees .	
				60.00						
VT	116.26	116.29	0.03	60.00					Grouped, stringy quartz-carbonate veinlets (1.5cm in width) at 85 degrees .	
VN	17.37	17.65	0.28	15.00					Shallow, limonite stained carbonate vein. 1cm at 10-20 degrees . Truncated (downhole, described below) by developing fault zone.	
VT	17.65	17.74	0.09	75.00					Clay altered, developing fault zone at 75 degrees . 7mm in width.	
VT	17.95	18.20	0.25						Heavily stained, altered and netted quartz-carbonate veinlets OR quartz-carbonate matrix (breccia) with siliceous clasts. Quartz/siliceous clasts hosting disseminated pyrite.	
VN	20.62	20.63	0.01	25.00					Hematite stained, brick-red siliceous breccia vein with <1mm clasts. Limonite stained and stringy carbonate at edges of vein. 1.2cm in width. Difficult to see clasts due to staining.	
VT	22.42	23.81	1.39	50.00		5.00			5 carbonate veinlets at 50, 45, 45, 55 and 55 degrees .	
VT	31.58	31.62	0.04	70.00		2.00	Py	<1	Vitreous quartz and white carbonate veinlets with disseminated pyrite in narrow, strong phyllic and silicified alteration halo. 7mm and 5mm in width at 70 degrees . Offshootoing carbonate veinlet at 45 degrees .	
VN	51.10	51.22	0.12	50.00					1.2cm white-carbonate vein at 50 degrees .	
FT	56.69	57.00	0.31						Very soft, blue-green chlorite rich granodiorite. Fault? At contact with dyke.	
VT	57.98	58.90	0.92			4.00			Stringy white carbonate veinlets. 23, 20, 600 degrees to-core-axis(+ one at unknown angle).	
VT	59.00	59.38	0.38						Netted carbonate veinlets and stringers within cracked/fractures zone (with cracks filled with hematite).	
VT	59.90	60.98	1.08						Netted/brecciating white carbonate veinlets and stringers. Veinlets are breaking-up dyke into angular "clasts". Hematite in cracks with carbonate. 2 occurrences of netted veinlets and stringers (30cm wide and 4cm wide sections).	
									End of part "A"	
									Start of part "B"	
FT	49.82	56.39	6.57						Very friable fault zone. Intervals of clay altered gouge, but generally crumbled and fragmented core.	
GO	52.43	52.82	0.39						Clay altered gouge.	
VN	57.55	57.72	0.17			3.00			Massive veins of white carbonate (1st vein is a band, 2nd looks more like carbonate infilling cracks).	
VT	64.60	64.70	0.10				Py	10.00	Carbonate veinlet with blebby pyrite band at edge. Band of blebby pyrite is at same angle as vein, 40 degrees . Carbonate veinlet is 4mm in width.	
VT	90.31	90.36	0.05						White carbonate veinlet with narrow phyllic alteration halo. Orientated at 55 degrees . 5mm in width.	
DY	92.33	92.97	0.64							
						2.00	Py	<1	Small, pink, aplite dykes. 1.3cm and 2.1cm in width. Orientated at 50 and 60 degrees . First dyke has <1cm inclusion of granodiorite hosting blebby pyrite.	
VT	92.64	92.68	0.04				Py	<1	Carbonate-chlorite veinlets with minor vitreous grey quartz hosting disseminated pyrite. 5mm in width, orientated at 55 degrees .	
VT	98.75	102.84	4.09			9.00			Carbonate veinlets up to 1cm in width (few occur with hematite and chlorite). Orientated at 15 to 45 degrees .	
VT	105.38	105.60	0.22						Vitreous quartz vein, veinlet, 3 stringers and 1 carbonate veinlet (all at same orientation and within phyllic alteration envelope). Orientated at 55 degrees . Vein and veinlet composed of vitreous quartz with some quartz-carbonate and dark-blue fine mineral, and are hosting disseminated and blebby pyrite. Vein is 2.6cm and veinlet is 7mm in width. Carbonate veinlet is 7mm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude ()	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	110.07	110.25	0.18	60.00		2.00			Quartz, quartz-carbonate and chlorite veinlets (1cm and 4mm). Veining within orange-pink alteration halo with quartz-eyes grading into argillic alteration (full alteration envelope is 110.06 to 110.25m). Veins cross-cut by carbonate vein (~5mm-1cm in width at ~15 degrees).	
VN	112.13	112.19	0.06	50.00			Py	<1	Carbonate, quartz-carbonate and quartz vein hosting minor disseminated pyrite at 50 degrees .	
VT	117.41	117.46	0.05	50.00			Py	<1	Carbonate and chlorite veinlet hosting disseminated pyrite.	
VT	121.71	121.99	0.28			5.00			Chalcedony, quartz, quartz-carbonate and carbonate veinlets within yellow-green phyllic alteration halo. 5 veinlets orientated at 30-70 degrees .	
VN	120.95	121.01	0.06	60.00					Quartz and quartz-carbonate vein with dark phyllic alteration halo hosting disseminated pyrite. Vein 1.2cm in width.	
VT	126.56	126.70	0.14	32.00					Netted, crustiform quartz-carbonate veinlets and netted green chalcedony.	
VT	126.96	127.67	0.71	70.00		3.00			Quartz and quartz-carbonate veinlets orientated at 70, 70 and 55 degree .	
VN	130.39	130.50	0.11	40.00		2.00			Stringy quartz and quartz-carbonate veins/bands of veinlets. Quartz-carbonate have weak crustiform textures. 2.3cm and 4mm in with, orientated at 40 degrees .	
VT	130.63	132.29	1.66			7.00			Banded quartz and quartz-carbonate veinlets and small veins. 2 have crustiform and vuggy textures, 3 with minor disseminated pyrite. 6mm, 9mm, 13mm, 3mm, 8mm, 2mm and 10mm. Veins/veinlets orientated at 65-80 degrees .	
DY	133.45	133.60	0.15	50.00					Pink aplite dyke. 12cm in width and orientated at 50 degrees .	
VN	139.01	139.33	0.32	65.00					2 veins of netted quartz-carbonate and vitreous grey quartz. Quartz is hosting blebby pyrite. Veins are cross-cut by crustiform quartz-carbonate at various angles. Veins are 1cm and 1.5cm in width (orientated at 60-70 degrees).	
VN	142.70	142.77	0.07	70.00			Sp	<1	Banded quartz and quartz-carbonate vein hosting blebby pyrite and trace galena and sphalerite. 1.7cm in width at 70 degrees .	
							Gn	<1		
							Py	1.00		
VT	143.05	145.39	2.34			8.00			Quartz and quartz-carbonate veinlets at various angles (55-70 degrees). Some crustiform textures.	
VN	145.29	145.46	0.17	35.00					Last vein of interval 143.05-145.39 is cross cut by carbonate and grey chalcedony vein at 35 degrees . 1.9cm in width.	
VT	149.51	155.36	5.85			8.00			Carbonate, quartz and quartz-carbonate veinlets hosting disseminated and blebby pyrite. Orientated at 65-80 degrees .	
VN	155.90	156.26	0.36	75.00		2.00			Banded/stringy quartz-carbonate and quartz veins hosting blebby pyrite and galena. First band has mineralization of pyrite. 2.2cm and 1.6cm in width with 4mm veinlet.	
VN	158.46	158.54	0.08	60.00			Sp	15.00	Banded vein of smoky quartz and quartz-carbonate. Disseminated to blebby pyrite, arsenopyrite, sphalerite and galena hosted within quartz. 5cm in width.	
							Py	10.00		
							Gn	<1		
							As	2.00		
VN	159.06	159.15	0.09	70.00			Gn	<1	Crustiform, creamy and white quartz carbonate vein hosting disseminated galena.	
VN	159.40	159.45	0.05				Py	4.00	Band of quartz and creamy quartz-carbonate vein hosting blebby pyrite and minor sphalerite.	
							Sp	<1		
VN	159.68	160.11	0.43	60.00			Sp	1.00	Vein consisting of dominantly chalcedony, with quartz, white quartz-carbonate, pink quartz-carbonate and band of brecciation (siliceous matrix with quartz-carbonate clasts). Disseminated to blebby pyrite, sphalerite, galena and sphalerite hosted within quartz. ~42cm in width.	
							Py	1.00		
							Gn	<1		
VN	160.13	160.32	0.19	60.00		3.00			Small veins consisting of smoky quartz, chalcedony and quartz-carbonate, hosting disseminated to blebby pyrite. 3.5cm, 3.2cm and 1.4cm in width.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude ()	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	160.65	160.74	0.09	45.00			As	1.00	3.2cm vitreous quartz vein hosting abundant blebby sphalerite, pyrite and lesser proportions of arsenopyrite and galena.	
							Gn	<1		
							Py	15.00		
							Sp	7.00		
VN	160.88	160.97	0.09						Netted creamy-pink quartz-carbonate . 8cm in width.	
VN	161.57	161.65	0.08						Brecciated vein. Siliceous grey matrix with quartz-carbonate and quartz-feldspar-porphyry-dyke clasts. Unknown angle. At contact with dyke.	
VN	161.91	162.25					Cp	2.00	Milky and hematite stained quartz vein hosting pervasive aphanitic sulphides, blebby pyrite and lesser proportions of blebby chalcopyrite. 32cm in width.	
							Py	20.00		
VN	165.07	165.66	0.59				Py	80.00	Milky quartz vein at lower contact with dyke. First 1cm of interval is sulphide gouge (at contact), followed by 10cm of banded breccia (aphanitic sulphide matrix with quartz and quartz-carbonate clasts up to 1cm in width) and white quartz-carbonate. Remainder of interval is milky-quartz vein.	
VT	168.43	172.59	4.16	65.00		3.00			Quartz (hosting blebby pyrite) and creamy quartz-carbonate veinlets. 6mm and 7mm veinlets at 65 degrees, 2mm veinlets at 75 degrees .	
				80.00						
VN	172.78	172.82	0.04				Py	10.00	Vitreous quartz vein hosting blebby pyrite. ~2cm in width.	
VN	173.56	176.45	2.89	75.00		4.00	Py	<1	Quartz veinlets. Some hosting minor amounts of fine-blue mineral and chlorite, as well as blebby pyrite. 1.6cm, 2.1cm, 2.6cm and 7mm in width (at 70-75 degrees).	
VN	173.56	176.45	2.89						2 quartz veinlets at 55 degrees .	
VN	177.00	177.15	0.15	40.00					Stringy quartz and quartz-carbonate vein hosting disseminated pyrite. 1.1cm in width + stringer hosting blebby pyrite at 75 degrees .	
VN	182.55	182.80	0.25						Shallow, netted carbonate vein. ~2cm at widest section and 3mm at thinnest.	
VN	184.38	185.95	1.57	28.00					Pink-white quartz vein with ~8 quartz-carbonate stringers in same orientation. Vein is 2.5cm in width and is hosting blebby pyrite.	
VT	190.74	190.76	0.02	80.00			Py	3.00	Vitreous quartz vein with white quartz-carbonate. 1cm in width at 80 degrees .	
VN	191.73	191.80	0.07	55.00					Carbonate and quartz vein. 2cm in width.	
VT	194.03	196.03	2.00	75.00					2 quartz and quartz-carbonate veinlets at 70 and 80 degrees .	
									EOH at 197.21m	

KLAZA

Hole: DDH-12-118 **Date:**

From (m)	Volume	Volume	Weight in	Weight in	Ro	Te	Alteration		Minerals		Density	Specific	DESCRIPTION
56.55	1500	1800	794.6	489.6	FEL	PO					2.648667	2.605246	Dark-green dyke with carbonate stringers
76.57	1500	1800	850.9	550.6	FEL	PO					2.836333	2.8335	Dark-green dyke with carbonate stringers
105.37	1500	1760	672.5	418.4	GRD	EN	PHC		Py	<1	2.586538	2.646596	Phyllic alteration enveloping quartz-carbonate (hosting disseminated pyrite) and carbonate veinlets.
130.39	1450	1842	1068.2	671.1	GRD		PHC	4	Se	2	2.725	2.690003	Strong phyllic altered granodiorite cross-cut by 5cm milky-grey quartz-carbonate vein hosting disseminated pyrite. Euhedral sericite.
159.72	1445	1705	752.5	491.2	GRD				Se	1	2.894231	2.879832	Milky-smoky quartz-carbonate vein with strong disseminated mineralization through smoky quartz. Euhedral galena, arsenopyrite and sericite. Massive honey-brown sphalerite, pyrite ankerite and galena,
165.32	1442	1803	1672.1	1320.1	VEN				Py	85	4.631856	4.750284	Milky quartz veins with pervasive pyrite mineralization.

KLAZA

Hole: DDH-12-118 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
12.63	14.65	2.02	2.00	99	M354158	118-1				Start Sampling Part A
14.65	15.65	1.00	1.00	100	M354159	118-1				
15.65	16.65	1.00	1.00	100	M354160	118-1				
16.65	17.65	1.00	1.00	100	M354161	118-1				
17.65	18.65	1.00	1.00	100	M354162	118-1				
18.65	20.42	1.77	1.63	92.1	M354163	118-1				
					M354164	118-1				STD-KL-2
20.42	21.45	1.03	1.03	100	M354165	118-1				
21.45	23.42	1.97	1.70	86.3	M354166	118-1				
23.42	24.42	1.00	1.00	100	M354167	118-1				
24.42	26.30	1.88	1.80	95.7	M354168	118-1				
26.30	27.58	1.28	1.28	100	M354169	118-1				
27.58	29.10	1.52	1.29	84.9	M354170	118-1				
					M354171	118-1				BLANK
29.10	31.08	1.98	1.92	97	M354172	118-1				
31.08	32.18	1.10	1.00	90.9	M354173	118-1				
32.18	34.48	2.30	1.75	76.1	M354174	118-1				Rubbly
34.48	35.66	1.18	1.15	97.5	M354175	118-1				
					M354176	118-1				1/4 DUPLOCATE
35.66	38.71	3.05	2.40	78.7	M354177	118-1				
					M354178	118-1				COARSE REJECT DUPLICATE
38.71	41.76	3.05	2.84	93.1	M354179	118-1				
41.76	44.81	3.05	2.83	92.8	M354180	118-1				
					M354181	118-1				STD-KL-3
44.81	47.86	3.05	2.70	88.5	M354182	118-1				
47.86	50.90	3.04	2.90	95.4	M354183	118-1				
50.90	53.28	2.38	1.78	74.8	M354184	118-1				Rubbly
53.28	54.86	1.58	1.00	63.3	M354185	118-1				Rubbly
54.86	56.00	1.14	0.73	64	M354186	118-1				Rubbly

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
56.00	57.00	1.00	0.71	71	M354187	118-1				Rubbly
					M354188	118-1				BLANK
57.00	59.59	2.59	1.85	71.4	M354189	118-1				Rubbly
59.59	61.57	1.98	1.90	96	M354190	118-1				Rubbly. End of sampling "Part A"
										39.62-29.84 of "Part B" is unaltered granodiorite.
49.85	50.95	1.10	1.01	91.8	M354191	118-1				Start of sampling "Part B"
50.95	52.43	1.48	1.23	83.1	M354192	118-1				
52.43	54.86	2.43	1.21	49.8	M354193	118-1				Rubbly
54.86	56.50	1.64	1.36	82.9	M354194	118-2				
					M354195	118-2				BLANK
56.50	57.91	1.41	1.29	91.5	M354196	118-2				
57.91	59.44	1.53	1.53	100	M354197	118-2				
59.44	60.96	1.52	1.52	100	M354198	118-2				
60.96	62.18	1.22	1.22	100	M354199	118-2				Last sample of HQ.
64.01	66.46	2.45	1.95	79.6	M354200	118-2				** Cave in and switched size of core. Did not recover 62.18m to 64.01m. Started NQ2 core.4
66.46	69.19	2.73	2.71	99.3	M354201	118-2				
69.19	72.24	3.05	3.05	100	M354202	118-2				
					M354203	118-2				STD-KL-3
72.24	75.29	3.05	2.85	93.4	M354204	118-2				
75.29	76.33	1.04	1.04	100	M354205	118-2				
76.33	77.36	1.03	1.02	99	M354206	118-2				
77.36	78.36	1.00	0.90	90	M354207	118-2				
78.36	81.39	3.03	3.03	100	M354208	118-2				
81.39	84.43	3.04	3.03	99.7	M354209	118-2				
84.43	87.48	3.05	3.05	100	M354210	118-2				
87.48	90.53	3.05	2.98	97.7	M354211	118-2				
					M354212	118-2				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
90.53	93.57	3.04	3.04	100	M354213	118-2				
93.57	96.62	3.05	3.04	99.7	M354214	118-2				
					M354215	118-2				STD-KL-2
96.62	99.67	3.05	3.05	100	M354216	118-2				
99.67	102.71	3.04	3.00	98.7	M354217	118-2				
102.71	105.20	2.49	2.49	100	M354218	118-2				
105.20	106.20	1.00	1.00	100	M354219	118-2				
					M354220	118-2				BLANK
106.20	108.81	2.61	2.55	97.7	M354221	118-2				
108.81	110.20	1.39	1.39	100	M354222	118-2				
110.20	111.20	1.00	1.00	100	M354223	118-2				
111.20	113.20	2.00	2.00	100	M354224	118-2				
113.20	114.91	1.71	1.70	99.4	M354225	118-2				
					M354226	118-2				1/4 DUPLICATE
114.91	117.96	3.05	2.75	90.2	M354227	118-2				
117.96	120.90	2.94	2.94	100	M354228	118-2				
120.90	121.90	1.00	1.00	100	M354229	118-2				
121.90	124.05	2.15	2.00	93	M354230	118-3				
124.05	127.10	3.05	3.05	100	M354231	118-3				
					M354232	118-3				STD-KL-2
127.10	128.35	1.25	1.25	100	M354233	118-3				
128.35	130.39	2.04	2.03	99.5	M354234	118-3				
130.39	132.05	1.66	1.62	97.6	M354235	118-3				
132.05	133.20	1.15	1.15	100	M354236	118-3				
133.20	136.25	3.05	2.85	93.4	M354237	118-3				
					M354238	118-3				COARSE REJECT DUPLICATE
136.25	138.71	2.46	1.72	69.9	M354239	118-3				Lost recovery
138.71	139.71	1.00	1.00	100	M354240	118-3				
					M354241	118-3				BLANK
139.71	141.28	1.57	1.57	100	M354242	118-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
141.28	142.28	1.00	1.00	100	M354243	118-3				
142.28	144.55	2.27	2.27	100	M354244	118-3				
144.55	145.55	1.00	1.00	100	M354245	118-3				
145.55	148.44	2.89	2.48	85.8	M354246	118-3				
					M354247	118-3				STD-KL-1
148.44	149.51	1.07	1.07	100	M354248	118-3				
149.51	150.52	1.01	1.01	100	M354249	118-3				
150.52	151.75	1.23	1.23	100	M354250	118-3				
151.75	153.27	1.52	1.44	94.7	M354251	118-3				
153.27	154.60	1.33	1.33	100	M354252	118-3				
154.60	155.70	1.10	1.10	100	M354253	118-3				
155.70	156.75	1.05	1.00	95.2	M354254	118-3				
156.75	158.42	1.67	1.63	97.6	M354255	118-3				
158.42	159.42	1.00	1.00	100	M354256	118-3				
159.42	161.20	1.78	1.78	100	M354257	118-3				
161.20	162.20	1.00	1.00	100	M354258	118-3				
162.20	165.05	2.85	2.85	100	M354259	118-3				
165.05	166.05	1.00	1.00	100	M354260	118-3				
					M354261	118-3				BLANK
166.05	167.05	1.00	1.00	100	M354262	118-3				
167.05	169.90	2.85	2.86	100	M354263	118-3				
					M354264	118-3				1/4 DUPLICATE
169.90	170.90	1.00	1.00	100	M354265	118-3				
170.90	172.03	1.13	1.13	100	M354266	118-4				
172.03	173.03	1.00	1.00	100	M354267	118-4				
173.03	174.03	1.00	1.00	100	M354268	118-4				
174.03	175.62	1.59	1.59	100	M354269	118-4				
175.62	176.62	1.00	1.00	100	M354270	118-4				
					M354271	118-4				BLANK
176.62	177.62	1.00	1.00	100	M354272	118-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
177.62	179.72	2.10	2.10	100	M354273	118-4				
179.72	180.79	1.07	1.00	93.5	M354274	118-4				
					M354275	118-4				STD-KL-2
180.79	182.89	2.10	2.10	100	M354276	118-4				
182.89	185.30	2.41	2.41	100	M354277	118-4				
185.30	186.30	1.00	1.00	100	M354278	118-4				
					M354279	118-4				BLANK
186.30	187.30	1.00	1.00	100	M354280	118-4				
187.30	189.00	1.70	1.70	100	M354281	118-4				
					M354282	118-4				COARSE REJECT DUPLICATE
189.00	190.65	1.65	1.63	98.8	M354283	118-4				
190.65	191.80	1.15	1.13	98.3	M354284	118-4				
191.80	194.05	2.25	2.25	100	M354285	118-4				End of sampling 118-B

KLAZA

Hole: DDH-12-118 **Tech Name:** **Date:**

Tech for 118-Part A

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.13	3.66	1.53	1.30	85	0.14	9		1		5w	run consist of mostly dried mud.
3.66	5.18	1.52	1.28	84	0.22	14		2		3w	many small irregular breaks - no joint sets
5.18	6.71	1.53	1.29	84	0.47	31		1		3w	many small irregular breaks - no joint sets
6.71	8.23	1.52	1.44	95	0.73	48		2		3w	many small irregular breaks - no joint sets
8.23	9.75	1.52	1.42	93	0.65	43		2		2w	
9.75	11.28	1.53	1.21	79	0.23	15		2		2w	
11.28	14.33	3.05	2.81	92	1.83	60		2		2w	
14.33	17.37	3.04	2.94	97	1.80	59		2		2w	
17.37	20.42	3.05	2.76	90	1.60	52		2		3w	
20.42	23.43	3.01	2.60	86	0.60	20		2		3w	
23.43	26.52	3.09	2.89	94	0.98	32		2		2w	
26.52	29.57	3.05	2.80	92	0.65	21		2		2w	
29.57	32.61	3.04	2.77	91	0.35	12		1		3w	
32.61	35.66	3.05	2.36	77	0.95	31		1		4w	
35.66	38.71	3.05	2.14	70	1.42	47		2		2w	
38.71	41.76	3.05	2.69	88	1.07	35		1		3w	
41.76	44.81	3.05	2.32	76	0.71	23		1		2w	
44.81	47.86	3.05	2.40	79	1.09	36		2		2w	
47.86	50.90	3.04	2.78	91	0.80	26		2		3w	
50.90	53.95	3.05	2.42	79	0.33	11		2		2w	
53.95	54.86	0.91	0.55	60	0.00	0		1		4w	rubble and ground up rubble.
54.86	55.45	0.59	0.52	88	0.00	0		1		4w	rubble and ground up rubble.
55.45	57.00	1.55	0.85	55	0.10	6		1		3w	rubble and ground up rubble.
57.00	59.59	2.59	1.69	65	0.83	32		1		3w	rubble and ground up rubble.
59.59	60.05	0.46	0.40	87	0.00	0		2		3w	rubble and ground up rubble.

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
60.05	61.57	1.52	0.85	56	2.00	2s		2w			*End of Tech for 118-Part A*
EOH 118-Part A @ 61.57m											
39.62	41.15	1.53	1.09	71	0.89	58		2	1	2	*Start Tech 118-Part B*
41.15	42.67	1.52	1.39		0.61	40		2	2	2	
42.67	44.19	1.52	1.35		0.76	50		2	3	2	
44.19	47.24	3.05	2.67		1.36	45		2	2	2	
47.24	48.10	0.86	0.65		0.00	0		2	2	2	
48.10	48.77	0.67	0.61		0.21	31		2	1	2	
48.77	50.29	1.52	1.67		0.28	18		2	0	4	
50.29	52.43	2.14	1.68		0.27	13		2	1	2	
52.43	53.34	0.91	0.62		0.17	19		1	0	3	
53.34	54.86	1.52	1.16		0.00	0		1	0	3	
54.86	56.39	1.53	1.57		0.00	0		2	0	3	
56.39	57.91	1.52	1.23		0.00	0		2	1	3	
57.91	59.44	1.53	1.59		0.00	0		2	1	2	
59.44	60.96	1.52	1.71		0.88	58		2	3	2	
60.96	62.81	1.85	1.65		0.31	17		2	2	2	
62.81	64.01	1.20	0.33		0.00	0		1	1	4	
64.01	66.14	2.13	1.59		1.46	69		2	3	2	
66.14	69.19	3.05	3.00		2.18	71		2	3	1	
69.19	72.24	3.05	3.01		2.73	90		2	3	1	
72.24	75.29	3.05	2.74		2.05	67		2	3	1	
75.29	78.33	3.04	2.89		2.30	76		2	3	1	
78.33	81.38	3.05	3.02		2.30	75		2	3	1	
81.38	84.43	3.05	2.82		2.27	74		2	4	1	
84.43	87.48	3.05	3.04		2.83	93		2	3	1	
87.48	90.53	3.05	2.94		2.85	93		2	4	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
90.53	93.57	3.04	2.80		2.62	86		2	3	1	
93.57	96.62	3.05	3.00		2.69	88		2	4	1	
96.62	99.67	3.05	3.05		2.18	71		2	2	1	
99.67	102.72	3.05	2.80		2.23	73		2	4	1	
102.72	105.77	3.05	2.88		2.61	86		2	2	2	
105.77	108.80	3.03	3.00		2.74	90		2	3	1	
108.80	111.86	3.06	2.94		2.70	88		2	3	1	
111.86	114.91	3.05	3.00		2.76	90		2	3	1	
114.91	117.96	3.05	2.72		1.89	62		2	4	1	
117.96	121.01	3.05	2.92		2.62	86		2	3	1	
121.01	124.05	3.04	2.70		1.31	43		2	3	1	
124.05	127.10	3.05	2.95		2.25	74		2	3	1	
127.10	130.15	3.05	2.62		1.22	40		2	3	1	
130.15	133.20	3.05	2.78		2.16	71		2	2	1	
133.20	136.25	3.05	2.36		0.85	28		2	1	1	
136.25	139.30	3.05	2.56		1.50	49		2	3	1	
139.30	142.34	3.04	2.84		1.70	56		2	2	3	
142.34	145.39	3.05	2.88		1.40	46		2	1	3	
145.39	148.44	3.05	2.25		0.82	27		2	2	2	
148.44	151.49	3.05	2.85		2.60	85		1	0	4	
151.49	154.53	3.04	3.05		2.95	97		2	3	2	
154.53	157.58	3.05	2.85		1.88	62		1	2	1	
157.58	160.63	3.05	2.95		1.05	34		1	1	2	
160.63	163.68	3.05	2.90		1.88	62		1	1	2	
163.68	166.73	3.05	2.96		2.56	84		1	2	1	
166.73	169.77	3.04	2.96		2.96	97		2	4	1	
169.77	172.82	3.05	2.95		2.74	90		2	3	1	
172.82	175.87	3.05	3.01		2.70	89		2	2	1	
175.87	178.92	3.05	2.94		2.63	86		2	3	1	
178.92	181.97	3.05	2.96		2.03	67		2	2	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
181.97	185.01	3.04	2.98		2.03	67		2	2	1	
185.01	188.06	3.05	3.00		2.87	94		2	2	1	
188.06	191.11	3.05	2.98		2.95	97		2	1	1	
191.11	194.16	3.05	3.05		2.88	94		2	3	1	
194.16	197.21	3.05	2.96		2.68	88		2	1	1	*End Tech 118-Part B*
	EOH @ 197.21m										

KLAZA

Hole: DDH-12-118 **Tech Name:** **Date:** **Page** of

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
8.23	9.75	1.52	60.00	0.12	0.00	1.00	2r	2w	*Joint Sets for 118-Part A*
9.75	11.28	1.53	60.00	0.18	0.00	1.00	2r	2w	
11.28	14.33	3.05	65.00	0.45	0.00	1.00	2r	2w	
14.33	17.37	3.04	60.00	0.32	0.00	2.00	2r	2w	
17.37	20.42	3.05	30.00	0.17	0.00	2.00	2r	2w	
50.90	53.95	3.05	30.00	0.11	0.00	1.00	2r	2w	*End joint sets for 118-Part A*
	EOH 118-Part A at 61.57m								
39.62	41.15	1.53	50.00	0.18	0.00	1.00	2R	2W	*Start joint sets for 118-Part b*
41.15	42.67	1.52	0.00						
42.67	44.19	1.52	0.00						
44.19	47.24	3.05	60.00	0.27	0.00	1.00	2R	2W	
47.24	48.10	0.86	0.00						
48.10	48.77	0.67	0.00						
48.77	50.29	1.52	0.00						
50.29	52.43	2.14	65.00	0.19	1.00	0.00	2R	2W	
52.43	53.34	0.91	0.00						
53.34	54.86	1.52	0.00						
54.86	56.39	1.53	0.00						
56.39	57.91	1.52	0.00						
57.91	59.44	1.53	0.00						RUBBLE
59.44	60.96	1.52	0.00						
60.96	62.81	1.85	0.00						
62.81	64.01	1.20	0.00						CASE CAVE
64.01	66.14	2.13	0.00						
66.14	69.19	3.05	60.00	0.39	0.00	1.00	2R	1W	
69.19	72.24	3.05	60.00	0.80	0.00	2.00	2R	1W	
72.24	75.29	3.05	0.00						
75.29	78.33	3.04	0.00						
78.33	81.38	3.05	40.00	1.12	0.00	1.00	1R	1W	

KLAZA

81.38	84.43	3.05	60.00	0.22	0.00	1.00	2R	2W	
84.43	87.48	3.05	60.00	0.23	0.00	2.00	2R	2W	
87.48	90.53	3.05	50.00	0.42	0.00	2.00	2R	2W	
90.53	93.57	3.04	50.00	0.24	0.00	1.00	2R	1W	
93.57	96.62	3.05	60.00	0.62	0.00	1.00	2R	1W	
96.62	99.67	3.05	60.00	0.15	0.00	1.00	2R	1W	
99.67	102.72	3.05	60.00	0.90	0.00	1.00	2R	1W	
102.72	105.77	3.05	0.00						
105.77	108.80	3.03	0.00						
108.80	111.86	3.06	0.00						
111.86	114.91	3.05	0.00						
114.91	117.96	3.05	60.00	0.15	0.00	2.00	2R	2W	
117.96	121.01	3.05	60.00	1.68	0.00	2.00	2R	2W	
121.01	124.05	3.04	50.00	0.31	0.00	2.00	1R	1W	
124.05	127.10	3.05	0.00						
127.10	130.15	3.05	0.00						
130.15	133.20	3.05	0.00						
133.20	136.25	3.05	60.00	0.30	0.00	1.00	2R	1W	IRREGULAR BREAKS
136.25	139.30	3.05	0.00						
139.30	142.34	3.04	0.00						
142.34	145.39	3.05	0.00						
145.39	148.44	3.05	75.00	0.26	0.00	2.00	2R	1W	
148.44	151.49	3.05	0.00						
151.49	154.53	3.04	0.00						
154.53	157.58	3.05	0.00						
157.58	160.63	3.05	75.00	0.55	0.00	2.00	2R	2W	
160.63	163.68	3.05	0.00		1.50				
163.68	166.73	3.05	60.00	0.98	0.00	2.00	2R	1W	
166.73	169.77	3.04	0.00						
169.77	172.82	3.05	0.00						
172.82	175.87	3.05	65.00	1.00	0.00	1.00	2R	1W	
175.87	178.92	3.05	60.00	0.96	0.00	1.00	1R	1W	
178.92	181.97	3.05	60.00	0.20	0.00	1.00	1R	1W	
181.97	185.01	3.04	60.00	1.22	0.00	2.00	2R	1W	
185.01	188.06	3.05	0.00						
188.06	191.11	3.05	20.00	0.70	0.00	2.00	2R	2W	
191.11	194.16	3.05	45.00	0.37	0.00	2.00	2R	1W	
194.16	197.21	3.05	40.00	0.39	0.00	2.00	2R	1W	*End joint sets for 118-B*
	EOH @ 197.21m								

KLAZA

Hole: DDH-12-118 **Date:**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
		118-Part A Mag
1.00		mud
2.00	0.16	
3.00	1.95	
4.00	0.98	
5.00	11.30	
6.00	0.45	
7.00	9.86	
8.00	1.83	
9.00	10.90	
10.00	7.52	
11.00	6.20	
12.00	1.06	
13.00	0.32	
14.00	0.20	
15.00	0.31	
16.00	0.18	
17.00	0.10	
18.00	0.23	
19.00	3.80	
20.00	1.40	
21.00	6.67	
22.00	0.64	
23.00	3.34	
24.00	8.96	
25.00	4.19	
26.00	11.30	
27.00	0.53	
28.00	0.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
29.00	1.26	
30.00	9.00	
31.00	11.60	
32.00	14.50	
33.00	12.00	
34.00	5.43	
35.00	14.50	
36.00	11.30	
37.00	5.01	
38.00	9.58	
39.00	10.30	
40.00	2.28	
41.00	2.90	
42.00	6.80	
43.00	9.62	
44.00	9.22	
45.00	8.52	
46.00	13.20	
47.00	10.50	
48.00	15.50	
49.00	8.63	
50.00	9.22	
51.00	10.60	
52.00	14.90	
53.00	6.31	
54.00	6.67	
55.00	5.91	
56.00	1.13	
57.00	7.79	
58.00	1.84	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
59.00	0.21	
60.00	0.34	
61.00	5.98	
62.00	4.01	End of 118-part A
40.00	5.67	Start of 118-Part B
41.00	12.70	
42.00	0.98	
43.00	11.90	
44.00	16.90	
45.00	13.40	
46.00	5.32	
47.00	11.00	
48.00	7.02	
49.00	1.26	
50.00	8.10	
51.00	15.10	
52.00	14.10	
53.00	9.73	
54.00	3.89	
55.00	0.91	
56.00	0.82	
57.00	0.73	
58.00	0.18	
59.00	5.49	
60.00	20.20	
61.00	36.00	
62.00	24.60	
63.00	26.00	
64.00	9.99	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
65.00	36.60	
66.00	24.10	
67.00	0.98	
68.00	10.70	
69.00	18.10	
70.00	7.81	
71.00	7.37	
72.00	15.30	
73.00	18.80	
74.00	13.90	
75.00	5.70	
76.00	4.42	
77.00	35.20	
78.00	19.60	
79.00	16.30	
80.00	14.30	
81.00	4.41	
82.00	10.20	
83.00	16.40	
84.00	3.97	
85.00	18.00	
86.00	9.33	
87.00	14.90	
88.00	14.30	
89.00	20.50	
90.00	17.60	
91.00	17.80	
92.00	18.40	
93.00	16.90	
94.00	14.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
95.00	12.50	
96.00	12.40	
97.00	12.10	
98.00	6.71	
99.00	9.90	
100.00	11.70	
101.00	9.71	
102.00	9.04	
103.00	14.10	
104.00	13.40	
105.00	12.00	
106.00	8.54	
107.00	12.00	
108.00	16.80	
109.00	12.00	
110.00	2.72	
111.00	11.40	
112.00	17.00	
113.00	6.80	
114.00	8.14	
115.00	14.40	
116.00	12.60	
117.00	2.23	
118.00	12.80	
119.00	10.90	
120.00	13.70	
121.00	8.96	
122.00	9.02	
123.00	4.79	
124.00	7.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
125.00	6.78	
126.00	6.78	
127.00	0.38	
128.00	2.87	
129.00	8.30	
130.00	0.60	
131.00	0.49	
132.00	0.65	
133.00	13.40	
134.00	3.82	
135.00	14.60	
136.00	2.23	
137.00	14.60	
138.00	12.10	
139.00	0.58	
140.00	1.59	
141.00	5.03	
142.00	0.32	
143.00	0.58	
144.00	3.58	
145.00	10.40	
146.00	6.14	
147.00	2.10	
148.00	0.64	
149.00	13.30	
150.00	0.58	
151.00	0.32	
152.00	0.54	
153.00	9.97	
154.00	9.02	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
155.00	7.94	
156.00	0.71	
157.00	0.61	
158.00	3.89	
159.00	0.21	
160.00	0.23	
161.00	0.09	
162.00	0.27	
163.00	0.21	
164.00	0.28	
165.00	0.10	
166.00	0.42	
167.00	3.29	
168.00	6.78	
169.00	6.09	
170.00	1.07	
171.00	1.72	
172.00	0.47	
173.00	6.42	
174.00	14.20	
175.00	0.42	
176.00	0.65	
177.00	0.43	
178.00	9.07	
179.00	8.01	
180.00	1.68	
181.00	0.43	
182.00	8.72	
183.00	9.05	
184.00	3.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
185.00	0.34	
186.00	0.41	
187.00	0.33	
188.00	0.21	
189.00	0.44	
190.00	0.07	
191.00	0.65	
192.00	0.22	
193.00	0.72	
194.00	0.27	
195.00	1.00	
196.00	1.22	
197.00	1.01	End of 118-Part B
	EOH @ 197.21m	

KLAZA

Hole: **DDH-12-118** **Date:**

Box #	From (m)	To (m)	Comments
1	0.00	4.50	Box Log 118-Part A
2	4.50	8.23	
3	8.23	9.75	
4	9.75	15.62	
5	15.62	21.34	
6	21.34	27.08	
7	27.08	32.61	
8	32.61	38.71	
9	38.71	44.10	
10	44.10	49.25	
11	49.25	54.86	
12	54.86	61.00	End 118-Part A
1	39.62	43.04	Start 118-Part B
2	43.04	46.88	
3	46.88	50.48	
4	50.48	54.94	
5	54.94	58.92	
6	58.92	61.55	
7	61.55	62.18	
8	62.18	69.91	
9	69.91	75.51	
10	75.51	80.92	
11	80.92	86.50	
12	86.50	92.20	
13	92.20	98.10	
14	98.10	103.53	
15	103.53	109.13	
16	109.13	114.91	

KLAZA

17	114.91	120.95	
18	120.95	126.33	
19	126.33	131.89	
20	131.89	136.64	
21	136.64	142.68	
22	142.68	147.20	
23	147.20	152.61	
24	152.61	158.33	
25	158.33	163.68	
26	163.68	169.48	
27	169.48	175.90	
28	175.90	180.79	
29	180.79	186.46	
30	186.46	192.20	
31	192.20	197.21	End 118-Part B
		EOH @ 197.21m	

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		381894.84	6890988.7	1232.535	377.04

ZONE: Scout

SECTION:

HOLE: DDH-KL-12-119

CLAIM: YD09212

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 20th - Aug 25th, 2012

Geology logged by: Gareth Wolff

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.80		OVB	Oxidized overburden with fragments of granodiorite.
3.80	8.10		FEL	Oxidized quartz feldspar porphyry dyke.
8.10	36.25		GRD	Oxidized argillic altered granodiorite, mostly rubble.
36.25	58.60		FEL	Quartz feldspar porphyry dyke with hornblende and biotite phenocrysts.
58.60	63.35		GRD	Silicified, argillic altered granodiorite with patchy phyllic alteration envelopes.
63.35	77.48		GRD	Silicified, propylitic granodiorite with potassic overprin
77.48	104.56		GRD	Phyllic altered granodiorite, hosting a pyrite-bearing siliceous breccia and silicified zones.
104.56	167.88		GRD	Weakly propylitic, strongly silicified granodiorite with potassic overprint.
167.88	172.57		GRD	Propylitic to phyllic alteration envelopes encompassing significantly pyrite mineralized smoky clay altered quartz veinlets and veins.
172.58	283.50		GRD	Unaltered granodiorite, lightly silicified.
283.50	322.7		GRD	Propylitic altered granodiorite with potassic overprint and phyllic and argillic alteration envelopes around veinlets.
322.7	344.15		GRD	Unaltered, silicified granodiorite.
344.15	358.1		GRD	Silicified, propylitic granodiorite, crosscut by aplite dykes.
358.1	377.04		GRD	Unaltered granodiorite with patchy potassic alteration.
EOH				EOH @ 377.04m

SAMPLES

Numbers: M359234 - M359433

Total: 200

Batch: 119-1 to 119-6

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-119 **Logger Name:** **Gareth Wolff** **Date: August 22 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	3.80	3.80					OVB			OR	RB	3I									Oxidized rubble, with fragments of granodiorite.
3.80	8.10					LKqP	FEL	FG	DK	OR	FR	5I									Strong to intensely oxidized quartz feldspar porphyry dyke. Feldspar phenocrysts altered to oxidized clay. Extensive pits and cavities.
8.10	36.25					mKgW	GRD	MG	MD	OR	RB	5I		ARG	3I						Intensely oxidized argillic altered granodiorite, altered to sand and rubble throughout much of the interval. Oxidation obscures most textures.
			34.50	36.25		mKgW	GRD	MG	MD	OR	BX	4I									Oxidized breccia, with dark brown-green matrix and extensive quartz phenocrysts. Clasts of granodiorite and porphyry dyke are present. Most textures obscured by oxidation.
									DK	BN											
36.25	58.60					LKqP	FEL	FG	MD	GY	PO	4I	2I								Quartz feldspar porphyry dyke with approximately 10-15% biotite and hornblende phenocrysts. Phenocrysts vary from <1 to 10mm. Strong to intense orange oxidation, with patches of grey unaltered dyke. Pits where phenocrysts have weathered out, near granodiorite contact. Colour zoning near contacts. Grey rounded recrystallized quartz eyes, approximately 10%.
									MD	OR											
			57.55	58.60	1.05	LKqP	FEL	FG	MD	GN	MO										Quartz feldspar porphyry dyke with red-purple and green undulatory striations.
									DK	PU											
58.60	63.35	4.75				mKgW	GRD	MG		WH	PA	2I	3I	ARG	3I						Silicified, argillic altered granodiorite with patchy phyllic alteration, predominantly around quartz-carbonate veinlets and veins. Light potassic overprint. Oxidation on fractures.
									LT	GN				PHC	2I						
														POT	2I						
63.35	64.45	1.10				mKgW	GRD	MG	MD	GY	MA		4I	PRO	2I						Strong to intensely silicified weakly propylitic granodiorite, hosting potassic-altered quartz veins.
														POT	2I						
64.45	64.85	0.40				mKgW	GRD	MG	MD	GN	EN		2I	PRO	3I			Mg	5.00		Propylitic and phyllic alteration envelope, encompassing crustiform layered quartz-magnetite vein with clear, smoky and milky quartz bands and breccia. Fine bornite and chalcopyrite in vein, and blebs of yellow-green-brown mineral, possibly sphalerite (greenockite?).
														PHC	3I			Sp?	5.00		
														POT	1I			Bn	1.00		
																		Cp	1.00		
																		Tt?	<1		
64.85	77.48	12.63				mKgW	GRD	MG	MD	GY	PA		3I	PRO	3I	<1					Silicified, propylitic altered granodiorite, with light potassic overprint. Patchy phyllic and argillic alteration, in envelopes around veins and veinlets.
									DK	GN				ARG	1I						
														PHC	1I						
														POT	2I						
			65.40	66.32	0.92	mKgW	GRD	MG	MD	GN	EN		3I	PRO	3I	1.00					Propylitic to phyllic alteration envelope encompassing quartz-carbonate veinlets. Potassic alteration throughout.
														PHC	4I						
														POT	2I						
			69.48	70.52	1.04	mKgW	GRD	MG	LT	GY	EN		2I	ARG	3I						Argillic to phyllic alteration envelope encompassing minor quartz-carbonate veinlets.
									LT	GN				PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														POT	2I						
			75.81	77.48	1.67	mKgW	GRD	MG	LT	GY			4I	PRO	2I						Bleached, strongly silicified granodiorite, with light potassic and propylitic alteration. Contains quartz-carbonate stringers and veinlets at varying orientations.
									LT	GN				POT	2I						
77.48	104.56	27.08				mKgW	GRD	MG	MD	GN	PA		2I	ARG	2I	1.00					Lightly silicified, phyllic altered granodiorite with patches of argillic alteration. Possible phyllic overprinting argillic. Hosts a pyrite-bearing siliceous breccia and multiple quartz +/- carbonate veinlets and silicified zones. Patchy light potassic alteration with argillic and phyllic around occasional veinlets. Calcite infill of fractures.
									LT	GY				PHC	4I						
														POT	2I						
			94.40	94.85	0.45	mKgW	GRD	MG		WH	PA		3I	ARG	4I						Patch of silicified argillic and potassic altered granodiorite.
									MD	PK				POT	3I						
			95.95	96.82	0.87	mKgW	GRD	MG		WH			2I	ARG	4I						Argillic and potassic altered granodiorite encompassing quartz-carbonate veinlet with potassic selvage.
									MD	PK				POT	3I						
			100.60	102.00	1.40	mKgW	GRD	MG	LT	GN	PA			ARG	2I	5.00					Phyllic altered granodiorite with extensive smoky to clear mineralized quartz veining and clay alteration on fractures. Pyrite in stringers and disseminated in selvages.
														PHC	3I						
			102.72	103.60	0.88	mKgW	GRD	MG	LT	GN	PA		4I	PRO	2I						Strongly silicified alternating patches of phyllic altered granodiorite and lightly propylitic granodiorite. Quartz eyes and veinlets throughout.
									LT	GY				PHC	3I						
104.56	167.88	63.32				mKgW	GRD	MG	MD	GY	PA		4I	PRO	2I						Weakly propylitic granodiorite, strongly silicified. Potassic overprint. Patchy phyllic and argillic envelopes, predominantly <5cm, encompassing milky quartz-carbonate veinlets and stringers. Carbonate stringers throughout, approximately 2 per metre, varying orientations.
														POT	2I						
			106.10	109.85	3.75	mKgW	GRD	MG	DK	GN	PA	1I	4I	PRO	1I						Silicified, potassic altered granodiorite with extensive quartz-carbonate milky veinlets and stringers. Patches of weakly propylitic granodiorite. Light green, possibly phyllic altered xenolith, with strongly potassic rims. Patch of light orange-yellow oxidation.
									MD	PK				POT	3I						
			109.85	110.17	0.32	mKgW	GRD	MG	LT	GN	EN		3I	ARG	1I						Phyllic alteration envelope encompassing 1.5cm crustiform milky quartz-carbonate vein.
														PHC	4I						
			118.56	124.35	5.79	mKgW	GRD	MG	LT	GY	PA	2I	4I	PRO	2I						Silicified, argillic altered granodiorite with potassic overprint. Grades to moderately phyllic around quartz-carbonate veinlets and stringers. Patchy weak propylitic alteration. Oxidized fractures.
														ARG	3I						
														PHC	2I						
														POT	3I						
			124.95	125.35	0.40	mKgW	GRD	MG	LT	GN	EN		3I	PHC	4I						Phyllic alteration envelope encompasssing 1cm wide irregular quartz-carbonate crustiform vein.
			128.75	129.44	0.69	mKgW	GRD	MG	LT	GN	EN		2I	PHC	4I	1.00					Phyllic alteration envelope with potassic alteration at edges, encompassing 2 quartz-carbonate veinlets with pyrite blebs in selvages.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														POT	3I						
			130.27	130.50	0.23	mKgW	GRD	MG	LT	GN	EN		2I	PHC	3I						Phyllic and potassic alteration envelope with netted carbonate stringers crosscutting 2 hematite stained quartz veinlets.
									LT	PK				POT	3I						
			138.37	138.67	0.30	mKgW	GRD	MG	LT	GN	EN		2I	PHC	4I						Phyllic and potassic alteration envelope encompassing milky carbonate vein. Envelope crosscut by irregular carbonate veinlet.
									LT	PK				POT	3I						
			139.40	139.77	0.37	mKgW	GRD	MG	LT	GN	EN		2I	PHC	4I						Phyllic and potassic alteration envelope around milky to green quartz-carbonate vein.
									LT	PK				POT	3I						
			157.23	157.42	0.19	mKgW	GRD	MG	LT	GN	EN		3I	PHC	4I	<1					Phyllic alteration envelooe around 1cm crustiform milky to clear quartz vein, trace pyrite in selvage
			162.55	163.10	0.55	mKgW	GRD	MG		WH			2I	ARG	3I						Silicified, argillic altered granodiorite with potassic overprint.
									LT	PK				POT	2I						
			164.10	164.91	0.81	mKgW	GRD	MG	LT	GN	EN		2I	PRO	2I						Silicified alteration envelope, with argillic alteration grading to propylitic towards edges and phyllic towards 6 milky quartz-carbonate veinlets. Carbonate stringers throughout, variably netted.
									LT	PK				ARG	3I						
														PHC	3I						
														POT	3I						
			165.96	166.48	0.52	mKgW	GRD	MG	LT	GN	EN		2I	PHC	4I	5.00					Moderate to light green phyllic alteration envelope, silicified, with potassic overprint. Encompassing crustiform quartz-carbonate veinlet with fine disseminated pyrite in selvage and pyrite stringers. Carbonate stringers throughout interval, 5 bearing pyrite.
									LT	PK				POT	3I						
167.88	172.57	4.69				mKgW	GRD	MG	LT	GN	EN		2I	PRO	1I	20.00					2 contiguous alteration envelopes, grading from propylitic to argillic to phyllic altered towards veins, encompassing significantly mineralized smoky clay-altered quartz veinlets and veins hosting massive pyrite in veins and selvages.
									MD	GN				ARG	3I						
														PHC	3I						
172.57	283.50	110.93				mKgW	GRD	MG	MD	GY	MA		2I	PRO	1I	<1					Silicified granodiorite, relatively unaltered, with weak potassic patches and trace propylitic alteration. Patchy phyllic envelopes around quartz-cabonate veins and veinlets, variably mineralized. Rare carbonate stringers with no alteration envelopes.
														PHC	1I						
														POT	2I						
			178.72	178.90	0.18	mKgW	GRD	MG	LT	GN	EN		2I	PHC	4I	1.00					Phyllic alteration envelope around 8mm wide crustiform quartz-carbonate veinlet hosting disseminated pyrite. Potassic alteration at edges of envelope.
														POT	2I						
			196.71	196.91	0.20	mKgW	GRD	MG	LT	GN	EN		1I	PHC	4I						Phyllic alteration envelope, potassic at edges, encompassing 3 quartz-carbonate veinlets.
														POT	2I						
			207.03	211.35	4.32	mKgW	GRD	MG	LT	GN	EN		1I	PRO	2I						Alteration envelope, grading from propylitic to argillic to phyllic around carbonate veinlets. Pervasive potassic overprint. Pink gouge on fractures in argillic altered zone, fragmented. Netted carbonate stringers.
										PK				ARG	4I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PHC	3I						
														POT	3I						
			211.78	216.72	4.94	mKgW	GRD	MG	LT	GN	EN			PRO	3I						Alteration envelope, grading from propylitic to argillic, with phyllic alteration around carbonate veinlets.
										WH				ARG	4I						
														PHC	2I						
			222.28	222.70	0.42	mKgW	GRD	MG	DK	PK	EN			POT	4I						Envelope of potassic alteration, encompassing light green carbonate stringers.
			235.00	236.85	1.85	mKgW	GRD	MG	MD	PK	EN			PHC	2I						2 potassic alteration envelopes, grading to phyllic around carbonate veinlets.
														POT	3I						
			243.04	244.75	1.71	mKgW	GRD	MG	MD	PK	EN			POT	3I						Moderately potasic altered granodiorite, with light green clay on fractures. Carbonate veinlets.
			278.06	279.30	1.24	mKgW	GRD	MG	MD	GN	EN		3I	PRO	3I	1.00					Propylitic alteration grading to phyllic around carbonate veinlets. Pervasive potassic alteration. Moderately silicified. Calcite phenocryst, 3cm in diameter, hosting 10% disseminated pyrite,
									LT	PK				PHC	2I						
														POT	2I						
283.50	322.70	39.20				mKgW	GRD	MG	MD	GY	MA		3I	PRO	3I	<1					Light to moderately propylitic altered granodiorite, silicified. Traces of potassic overprinting. Phyllic and argillic alteration envelopes around veins and veinlets. Carbonate stringers at varying orientations.
									DK	GN				POT	2I						
			289.57	291.02	1.45	mKgW	GRD	MG	LT	GN	EN		2I	PRO	2I						Envelope of propylitic to phyllic alteration, encompassing several quartz-carbonate veinlets. Potassic overprint, strongest at start of interval. Phyllic and propylitic altered fine-grained xenolith at end of interval.
														PHC	4I						
														POT	3I						
			294.62	301.18	6.56	mKgW	GRD	MG	LT	GN	EN		4I	PRO	2I	<1					Patchy phyllic altered granodiorite. Grades from propylitic to phyllic altered around several quartz-carbonate veins and veinlets. Patches of argillic alteration, and light grey-green sericitic clay. Strongly silicified, with zones of silica flooding, quartz veins and quartz eyes. Potassic traces. Green clay on many fractures.
														ARG	2I						
														PHC	4I						
														ARG	2I						
			305.00	307.90	2.90	mKgW	GRD	MG	LT	GN	EN		3I	PRO	2I						Phyllic alteration envelope, propylitic altered at edges. Patchy potassic overprint. Encompasses light green clay-altered quartz-carbonate veins and veinlets. Moderate to strongly silicified, with quartz eyes and veins.
														PHC	4I						
														POT	2I						
			309.94	314.20	4.26	mKgW	GRD	MG	LT	GN	PA		3I	PRO	3I	<1					Patchy alternating zones of phyllic and propylitic altered granodiorite, with strongest phyllic alteration around crustiform quartz-carbonate veins hosting disseminated pyrite. Potassic overprint, light to moderate around veinlets.
									DK	GN				PHC	4I						
														POT	2I						
			315.65	315.90	0.25	mKgW	GRD	MG	LT	GN	EN		3I	PHC	4I						Phyllic envelope around 3 carbonate veinlets, overprinted by potassic alteration.
														POT	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			318.28	318.62	0.34	mKgW	GRD	MG	LT	GN	EN		3I	ARG	3I						Envelope of argillic-altered granodiorite, moderately silicified, grading to phyllic altered around quartz-carbonate veinlets. Potassic overprint, light to strong.
										PK				PHC	3I						
														POT	3I						
322.70	344.15	21.45				mKgW	GRD	MG	MD	GY	MA		2I	PRO	1I	<<1					Silicified granodiorite, relatively unaltered with pervasive carbonate stringers. Propylitic to phyllic alteration envelopes around veinlets. Light patchy potassic overprint.
														POT	2I						
			336.73	338.02	1.29	mKgW	GRD	MG	DK	GY	PA		4I	PRO	2I						Strongly silicified granodiorite with light propylitic alteration and patchy potassic alteration around carbonate veinlets.
														POT	2I						
344.15	358.10	13.95				mKgW	GRD	MG	DK	GN	PA		3I	PRO	4I	<1					Silicified granodiorite with moderate to strong propylitic alteration. Patchy potassic overprint obscures most alteration textures. Grades to argillic and phyllic in envelopes around quartz veinlets. Crosscut extensively by carbonate stringers and veinlets, up to 15 per metre, variably netted. Multiple aplite dykes, dark red-brown to purple. Patchy hematite staining.
										PK				PHC	2I						
														POT	3I						
			351.02	352.45	1.43	mKgW	GRD	MG	LT	GN	PA		3I	ARG	2I	<1					Phyllic alteration envelope, argillic at edges. Crosscut by carbonate stringers, encompassing several milky quartz-carbonate veinlets. Patchy potassic alteration. Trace disseminated pyrite.
										PK				PHC	4I						
														POT	3I						
			355.40	355.90	0.50	mKgW	GRD	MG	LT	GN	EN		3I	ARG	2I	<1					Argillic and phyllic alteration envelope, encompassing clay-altered quartz-carbonate veinlet. Potassic overprint, strongest at edges. Fine trace pyrite(?).
										PK				PHC	3I						
														POT	3I						
358.10	377.04	18.94				mKgW	GRD	MG	MD	GY	MA		2I	PRO	1I	<1					Relatively unaltered, silicified granodiorite. Patchy potassic alteration. Propylitic alteration envelopes around occasional quartz-carbonate veinlets. Carbonate stringers throughout.
														POT	1I						
			360.02	361.24	1.22	mKgW	GRD	MG	DK	GN	EN		2I	PRO	3I						Propylitic alteration envelope, with patchy potassic alteration. Enveloping carbonate veinlet. Traces of clay on fractures.
														ARG	1I						
														POT	2I						
			362.65	365.98	3.33	mKgW	GRD	MG	DK	GN	PA		2I	PRO	3I						Propylitic altered granodiorite, with traces of phyllic alteration around veinlets, and patchy pervasive potassic alteration. Occasionally bleached to light yellow. Netted purple hematite-stained stringers, around grey-purple gouge.
														PHC	1I						
														POT	2I						
																					EOH @ 377.04m

KLAZA

Hole: DDH-KL-12-119 Logger Name: Gareth Wolff

Depth (m)		DESCRIPTION
	8.10	Contact between quartz feldspar porphyry dyke and granodiorite. Oxidized rubble on either side of contact. Possible breccia in granodiorite.
	36.25	Contact between granodiorite and quartz feldspar porphyry dyke. Gradational contact with breccia. Strong oxidation obscures exact contact. Creamy brown
	58.60	Contact between quartz feldspar porphyry dyke and granodiorite, undulating. Purple-brown dyke, propylitic altered granodiorite. Approximately 50 degrees to core axis (TCA).
	EOH	

KLAZA

Hole: DDH-KL-12-119 **Logger Name:** Gareth Wolff **Date:** August 22 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VN	8.35	8.40	0.05	50.00					Yellow-orange oxidized quartz vein.	
GO	11.75	11.90	0.15						Orange oxidized clay, coating intensely argillic altered granodiorite.	
GO	36.15	36.25	0.10						Region of gouge at approximate dyke-granodiorite brecciated contact.	
GO	42.90	42.95	0.05	50.00					2cm brown-orange gouge on 50 degree to core axis (TCA) fracture in oxidized dyke.	
VT	45.58	45.77	0.19						Discontinuous, irregular calcite veinlets with oxidized selvages.	
ST	45.89	46.30	0.41						Netted, oxidized calcite stringers.	
VT	48.83	48.87	0.04	50.00					Milky, discontinuous, lightly oxidized quartz-carbonate veinlet.	
VT	49.59	49.65	0.06	40.00					Irregular carbonate veinlet.	
ST	50.05	50.20	0.15	30.00		2.00			Oxidized carbonate stringers.	
GO	50.30	50.31	0.01						5mm oxidized gouge in dyke fracture.	
ST	50.45	50.61	0.16						Lightly silicified zone with oxidized carbonate-quartz stringers.	
VT	50.67	50.71	0.04	55.00					1mm oxidized calcite veinlet.	
VT	51.02	51.04	0.02	50.00					Discontinuous oxidized calcite veinlet.	
GO	54.96	55.00	0.04						4cm oxidized clay, gouge.	
ST	55.10	56.60	1.50						Netted carbonate stringers.	
ST	57.40	58.60	1.20						Netted carbonate stringers.	
VT	58.95	59.70	0.75	40.00		8.00			Strongly silicified zone with 8 fine, irregular quartz veinlets.	
VT	60.05	60.15	0.10	35.00		2.00			Irregular, discontinuous milky to clear quartz-carbonate veinlets.	
VT	60.87	60.94	0.07	40.00					Vuggy, milky quartz veinlet, 7-9mm.	
VT	60.96	61.18	0.22	40.00		4.00			Irregular, clear quatz veinlets, crosscutting low angle carbonate stringer.	
VN	61.50	61.65	0.15						Strongly pitted and oxidized zone of possible quartz veining (veins obscured by oxidation).	
VT	62.10	62.15	0.05	50.00					Milky, crustiform quatz veinlet of irregular width.	
VT	62.16	62.31	0.15	40.00					Oxidized, milky quatz veinlet, 8mm, with propylitic and potassic selvage.	
VN	62.72	63.10	0.38	20.00			Mg	2.00	Red-pink, hematite-stained quartz vein with disseminated magnetite. Cockade texture.	
ST	63.15	64.03	0.88	30-40		10.00			Calcite stringers, infilling cracks.	
VN	64.55	64.77	0.22	25.00			Mg Sp? Bn Cp Tt?	15.00 15.00 3.00 2.00 1.00	Crustiform quartz vein, clear to milky, hosting magnetite blebs up to 7mm in diameter and disseminated tetrahedrite(?). Fine breccia at edge. Phyllic and propylitic envelope. Blebs of yellow-brown vitreous mineral, possibly sphalerite or greenockite(?). Bornite and chalcopyrite.	
VT	65.60	65.80	0.20	5.00					Sinuous, branching quartz veinlet, milky with phyllic and propylitic envelope.	
VT	66.53	66.61	0.08	45.00		2.00			2 milky parallel quartz-carbonate veinlets with light hematite staining.	
VT	66.60	67.10	0.50						Silicified zone with extensive irregular interweaving quartz and carbonate veinlets and stringers.	
VT	67.10	67.34	0.24	40.00		2.00			2 ligntly hematite-stained quartz-carbonate veinlets.	
VT	68.00	68.15	0.15	40.00		3.00			3 irregular, discontinuous banded quartz veinlets, milky, with light hematite staining and phyllic and potassic alteration envelope.	
VN	69.35	69.48	0.13	30.00			Mg	1.00	Pink-red hematite-stained quartz vein with disseminated magnetite, crosscut by smoky quartz stringer.	
VT	70.95	71.40	0.45	50.00					Silicified zone with irregular, milky quartz-carbonate veinlets and stringers, predominantly at 50 degrees TCA.	
VT	71.85	72.00	0.15	45.00		2.00			2 parallel quartz-carbonate veinlets, milky.	
VT	74.15	74.25	0.10	30-40		2.00			2 irregular branching carbonate veinlets.	
VT	75.65	77.12	1.47			~20			Irregular, branching variably netted carbonate and quartz-carbonate veinlets and stringers in strongly silicified zone.	
ST	78.40	78.95	0.55	60.00		8.00			Clay-carbonate stringers infilling fractures.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
BX	79.00	79.35	0.35				Py	10.00	Siliceous black breccia with phyllic-altered granodiorite clasts 1mm-3cm in diameter. Fine disseminated pyrite.	
VT	79.59	79.62	0.03	60.00			Py	5.00	Milky to clear crustiform quartz veinlet with pyrite blebs in phyllic selvage.	
VN	79.64	79.66	0.02	70.00					1.5cm clear comb quartz vein.	
VT	81.27	81.27		80.00					Clear quartz veinlet.	
VT	81.55	81.57	0.02	60.00					Milky quartz-carbonate veinlet.	
VT	81.50	81.85	0.35	15.00					Calcite veinlet.	
VT	82.88	82.95	0.07	40.00					Milky irregular quartz veinlet.	
VN	84.99	85.07	0.08	50.00					Clear quartz-carbonate vein with milky rims, 2cm wide.	
VT	85.25	85.26	0.01	55.00			Py	1.00	Clear quartz veinlet with potassic selvage hosting fine disseminated pyrite,	
ST	87.10	87.22	0.12						Irregular netted clay-carbonate stringers.	
VT	88.88	89.00	0.12	70.00		2.00			2 discontinuous clear quartz veinlets, crustiform, offset by fracture filled with clay and carbonate.	
VT	90.02	90.10	0.08	30.00					Milky carbonate vein.	
VN	92.43	92.45	0.02	90.00					2cm wide siliceous zone with abundant K-feldspar.	
BX	92.88	93.40	0.52						Quartz-flooded phyllic altered granodiorite, with clear to grey quartz eyes up to 5cm in diameter and green phyllic matrix.	
VT	94.00	94.10	0.10	30.00					Green carbonate veinlet with 1cm potassic selvage on either side.	
VT	95.03	95.15	0.12	70.00			Py	1.00	Crustiform milky quartz veinlet, with fine disseminated pyrite in selvage. Crosscut by carbonate stringer at 30 degrees TCA.	
VT	95.31	95.33	0.02	70.00					Crustiform milky to clear quartz veinlet of irregular width.	
ST	95.90	96.45	0.55	15.00					Irregular, undulating carbonate stringer with potassic selvage.	
VT	97.00	97.35	0.35	25.00		2.00			2 clear to milky quartz-carbonate veinlets.	
ST	97.70	97.70		60.00			Py	30.00	Fine quartz-pyrite stringer crosscutting coarse hematite grain.	
VT	97.87	97.89	0.02	70.00					Vuggy, milky quartz veinlet.	
VT	98.42	98.51	0.09	60.00		2.00			Smoky quartz veinlet with brecciated rims.	
ST	98.55	98.63	0.08	70.00		4.00			Irregular carbonate stringers.	
VT	99.81	100.02	0.21	50-60		5.00			Milky quartz-carbonate veinlets with minor vugs.	
VT	100.64	100.90	0.26	50-60		5.00	Py	30-50	Smoky quartz-pyrite stringers and veinlets. Irregular, discontinuous.	
VT	100.95	101.02	0.07	50.00			Py	15.00	Smoky to clear quartz veinlet with 15% pyrite blebs and stringers.	
VN	101.01	101.15	0.14	30.00			Py	10.00	1cm smoky to milky irregular quartz vein with pyrite stringers along vein walls.	
VT	101.67	101.68	0.01	70.00			Cp	2.00	Clear quartz veinlet hosting fine chalcopyrite blebs.	
VN	101.84	101.96	0.12	30.00			Py	10.00	Milky to smoky 4cm crustiform quartz vein with band containing 10% disseminated pyrite and pyrite stringers. Irregular.	
VT	102.83	103.75	0.92	60-70		16.00			Milky quartz-carbonate veinlets, irregular and occasionally braided. Light hematite staining.	
VT	104.33	104.50	0.17	30.00		2.00			2 parallel crustiform milky to grey quartz-carbonate veinlets with hematite grains.	
VT	104.98	105.20	0.22	35.00		5.00			5 carbonate veinlets with chlorite and narrow phyllic and potassic selvages. Hematite staining.	
VT	105.51	105.63	0.12	60.00		2.00			2 milky carbonate veinlets on fracture surfaces.	
VT	106.15	106.28	0.13	20.00					Irregular, branching quartz-carbonate veinlet, milky.	
VT	106.54	106.55	0.01	70.00					Smoky, crustiform quartz veinlet, with argillic selvages and yellow-orange oxidation.	
VN	110.00	110.02	0.02	70.00					Crustiform, milky to clear 1.2cm quartz vein, encompassed by phyllic envelope.	
ST	111.41	111.46	0.05	40-50		4.00			4 milky carbonate stringers with fine phyllic and potassic selvages.	
VT	111.80	111.86	0.06	45.00					Red-brown completely hematite stained 0.5cm veinlet.	
VT	112.15	112.18	0.03	50.00					Milky carbonate veinlet with 1cm phyllic selvage on either side.	
VT	113.03	113.70	0.67			5.00			Strong to intensely silicified zone with milky quartz-carbonate veinlets, occasionally netted and braided.	
VT	114.55	114.78	0.23	40.00		4.00			Branching carbonate veinlets with light hematite staining and potassic and phyllic selvages.	
VT	115.04	115.09	0.05	60.00		2.00			2 irregular, interweaving carbonate veinlets in 7cm wide phyllic and potassic envelope.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	116.45	116.50	0.05	40.00					Carbonate stringer with phyllic selvage.	
VN	116.97	117.02	0.05	50.00			Py	<1	3-4cm irregular crustiform quartz vein, with epidote infilling vug and fine brecciation of phyllic granodiorite at edge. Potassic and phyllic envelope.	
VT	119.06	119.59	0.53	40.00		2.00			2 fine quartz-carbonate veinlets with phyllic alteration in selvages.	
ST	119.72	119.72		65.00					Quartz stringer encompassed by 3cm potassic selvage. Trace disseminated pyrite in selvage.	
VT	123.20	123.22	0.02	70.00					Milky to clear crustiform quartz-carbonate veinlet in phyllic envelope.	
VT	125.09	125.12	0.03	55.00		2.00			Milky to clear quartz veinlets in phyllic envelope.	
VT	127.19	127.22	0.03	55.00					Quartz-carbonate milky veinlet in phyllic envelope.	
VT	127.55	128.20	0.65	40.00		2.00			2 milky irregular carbonate veinlets with phyllic and potassic selvages.	
VT	128.88	128.92	0.04	70.00		2.00			2 milky to clear crustiform quartz veinlets.	
VT	130.25	130.26	0.01	60.00					Strongly potassic-altered 8mm crustiform quartz veinlet. Pink.	
VT	130.34	130.49	0.15	70.00		2.00			Dark red strongly potassic-altered quartz-K feldspar veinlets.	
ST	130.35	130.47	0.12						Netted carbonate stringers in potassic envelope.	
VN	135.88	135.91	0.03	60.00					1cm clear comb quartz vein with milky rims. Phyllic alteration envelope.	
ST	136.32	136.45	0.13	25.00					Light green calcite-chlorite stringer with fine potassic selvage.	
VN	138.48	138.60	0.12	35.00					1cm milky carbonate vein in phyllic envelope.	
VN	139.56	139.64	0.08	40.00					1cm milky carbonate vein in phyllic and potassic envelope.	
ST	142.13	142.22	0.09			6.00	Py	5.00	6 quartz-carbonate-pyrite stringers, at varying orientations, in phyllic and potassic envelope. Pyrite in stringers and disseminated in envelope. Hematite staining.	
VT	155.45	155.48	0.03	55.00					Banded milky carbonate veinlet in phyllic envelope.	
VN	157.31	157.37	0.06	50.00			Py	<1	1cm crustiform milky to clear quartz vein with trace pyrite in selvage; in phyllic alteration envelope.	
DY	158.29	158.36	0.07	40.00					Pink aplite dyke, fine-grained, 2cm wide.	
ST	159.10	159.19	0.09			6.00			Netted carbonate stringers in phyllic and potassic alteration envelope.	
VT	159.83	162.04	2.21	55-60		10.00			Carbonate veinlets in 1-5cm phyllic alteration envelopes.	
VT	162.60	162.65	0.05	60.00		2.00			2 parallel quartz-carbonate milky veinlets, encompassed by phyllic and potassic alteration.	
ST	163.00	163.14	0.14	25.00					Hematite stained carbonate stringer with 1cm potassic altered selvage.	
VT	164.42	164.91	0.49	45-60		6.00			Milky quartz-carbonate veinlets, with phyllic and potassic alteration envelopes, variably netted.	
VT	166.25	166.28	0.03	70.00			Py	10.00	Crustiform milky to clear quartz-pyrite veinlet, with pyrite in bands, irregular stringers and disseminated. Phyllic envelope.	
ST	166.17	166.21	0.04	65.00		2.00	Py	20.00	2 quartz-carbonate-pyrite stringers.	
VN	166.78	166.95	0.17	50.00					Strongly potassic-altered quartz vein with infilling chlorite and epidote, and hematite staining. Crosscut by milky quartz-carbonate veinlet.	
VT	167.12	167.71	0.59	50.00		5.00			5 quartz-carbonate milky veinlets with phyllic alteration envelopes.	
VT	168.27	168.33	0.06	40.00			Py	50.00	Smoky quartz veinlet hosting massive pyrite. Crosscut by carbonate stringers.	
VT	168.36	168.50	0.14	30.00		8.00	Py	30.00	Quartz flooded zone with approximately 8 irregular smoky quartz veinlets hosting fine massive pyrite.	
VN	168.51	168.55	0.04				Py	35.00	Milky to smoky quartz vein, irregular and discontinuous, in silica flooded zone alongside clay-altered gouge, hosting massive pyrite.	
VT	168.60	168.65	0.05	45.00			Py	90.00	Pyrite-quartz veinlet.	
VN	168.71	168.91	0.20				Py	20.00	Smoky to milky quartz vein, discontinuous and irregular in width, hosting massive pyrite.	
VT	169.01	169.15	0.14	30.00		2.00	Py	20.00	Smoky quartz veinlets, branching and interweaving, hosting fine pyrite.	
VN	169.17	169.23	0.06	50.00			Py	15.00	Quartz vein, smoky to milky, branching, hosting massive pyrite.	
VT	169.34	169.43	0.09	45.00		2.00	Py	1.00	2 parallel milky quartz-carbonate veinlets, hosting fine disseminated pyrite.	
VT	169.95	170.03	0.08	40.00		1.00	Py	2.00	Smoky to milk quartz-carbonate vein with disseminated pyrite.	
VN	170.35	170.85	0.50	30.00		3.00	Py	5.00	3 crustiform milky to clear quartz veins, irregular, hosting disseminated pyrite in phyllic altered selvage. Branching.	
ST	171.20	171.30	0.10				Py	1.00	Netted smoky quartz stringers, hosting disseminated pyrite in phyllic envelope.	
VT	171.35	171.35		80.00					Milky quartz-carbonate veinlet, crosscut by carbonate stringer.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	171.70	172.02	0.32				Py	90.00	Netted quartz-pyrite stringers, smoky, in phyllic envelope.	
VN	172.20	172.30	0.10	75.00			Py	30.00	Gougy crustiform quartz vein, with bands of smoky and clear quartz, and lenses of granodiorite. Black-grey gouge between bands and at granodiorite contact.	
VT	172.34	172.41	0.07	65.00		2.00	Py	10.00	Milky quartz veinlets with pyrite along edges.	
VT	173.70	173.73	0.03	50.00					Dark red-pink aplite veinlet. Crosscut by carbonate stringer.	
ST	175.12	175.56	0.44	40.00		3.00			3 carbonate stringers with narrow phyllic envelopes.	
VN	175.48	178.65	3.17	70.00		2.00			2 dark red aplite veins, 1cm wide.	
VT	175.81	175.85	0.04	65.00			Py	30.00	Carbonate-quartz veinlet with pyrite stringers in selvage. Phyllic and potassic alteration envelope.	
VT	176.03	176.05	0.02	65.00			Py	20.00	Carbonate veinlet with disseminated pyrite.	
DY	176.06	176.10	0.04	70.00					Red-pink aplite dyke, crosscut by carbonate stringer with trace pyrite, 3cm wide.	
VT	176.11	176.13	0.02	65.00					Red-brown aplite veinlet.	
VT	177.20	177.33	0.13	50.00		2.00			2 carbonate veinlets with narrow phyllic selvages.	
VT	178.32	178.40	0.08	50.00					Forking quartz-carbonate veinlet with phyllic envelope.	
VT	178.83	178.87	0.04	55.00			Py	2.00	8mm milky crustiform carbonate-quartz veinlet.	
VT	178.99	179.01	0.02	65.00			Py	5.00	Milky quartz-carbonate veinlet with disseminate pyrite.	
DY	182.37	184.12	1.75	70.00		4.00			3 red-pink aplite dykes.	
VT	183.56	183.62	0.06	50.00					Milky carbonate veinlet with phyllic and potassic envelope.	
ST	185.37	185.37		60.00					Hematite stained carbonate stringer, dark red.	
ST	187.50	187.67	0.17	30.00		3.00			3 carbonate stringers with potassic selvage.	
VT	190.55	190.66	0.11	50.00		5.00			5 carbonate veinlets in phyllic and potassic lightly altered envelope.	
VT	193.02	193.15	0.13	45.00		2.00			2 carbonate veinlets, black-rimmed, in phyllic, potassic and propylitic alteration envelope.	
VT	193.28	193.31	0.03	80.00					Milky, branching calcite veinlet, 8mm, in potassic and phyllic envelope with finer calcite stringers.	
VT	196.63	196.79	0.16	30.00		2.00			2 parallel milky calcite veinlets with phyllic selvages.	
VN	196.84	196.87	0.03	50.00		1.00			1cm milky to clear crustiform quartz-carbonate vein in phyllic envelope.	
ST	199.06	199.10	0.04	45.00		2.00			2 parallel dark carbonate stringers, irregular, in propylitic alteration envelope.	
VT	201.56	201.62	0.06	50.00		2.00			2 parallel milky quartz-carbonate veinlets, in potassic envelope.	
VN	204.00	204.03	0.03	65.00					Clear quartz vein, 1.2cm, quartz-K feldspar with potassic altered selvages.	
VT	205.06	205.10	0.04	55.00		2.00			2 parallel milky quartz-carbonate veinlets, in phyllic and potassic envelope. Interweaving.	
VT	206.05	206.07	0.02	60.00					Branching, irregular aplite veinlet.	
VT	206.35	206.41	0.06	50-60		4.00	Py	1.00	4 interweaving quartz-carbonate veinlets with fine disseminated pyrite in potassic and phyllic alteration envelope.	
VT	207.41	207.43	0.02	65.00					Dark red-brown aplite veinlet.	
VT	207.56	208.70	1.14						Netted carbonate stringers.	
VT	209.50	209.70	0.20	10.00					Dark red, hematite stained carbonate veinlet, clay altered, with potassic selvage.	
VN	210.58	210.68	0.10	30.00					1cm milky to light green calcite vein, in phyllic envelope.	
DY	210.90	210.93	0.03	55.00					1.3cm dark red-pink aplite dyke.	
DY	211.61	211.72	0.11	80.00					10cm dark red-pink aplite dyke.	
VT	212.05	212.06	0.01	70.00					Clear to milky quartz-carbonate veinlet in phyllic envelope.	
VT	212.81	214.40	1.59	20.00		3.00			3 milky carbonate veinlets with potassic and phyllic selvages.	
VT	218.42	218.47	0.05	40.00					Forking carbonate veinlet, trace phyllic envelope.	
DY	224.71	224.91	0.20	30.00					3cm dark red-brown aplite dyke.	
VT	224.93	224.98	0.05	20.00					4mm dark red-brown aplite veinlet.	
VT	227.61	227.64	0.03	70.00					Quartz-carbonate irregular veinlet with potassic selvage.	
DY	228.85	230.30	1.45	10.00					Pink to dark purple-grey aplite dyke irregular and discontinuous. Crosscut by carbonate stringers at 40 degrees TCA.	
ST	230.80	230.86	0.06	45.00		3.00			3 hematite stained carbonate stringers in propylitic envelope.	
VT	233.14	233.32	0.18	25.00					8mm aplite veinlet.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	235.08	235.15	0.07	45.00		2.00			2 milky parallel carbonate veinlets with potassic selvage.	
DY	235.22	235.35	0.13						Discontinuous zone of aplite dyke, crosscut by netted carbonate stringers.	
VN	235.71	235.85	0.14	30.00					Light green to white braided clay-altered carbonate vein in potassic envelope.	
VT	235.67	235.92	0.25						Irregular, meandering aplite veinlet.	
VT	236.39	236.45	0.06	50.00					Milky hematite-rimmed carbonate veinlet.	
VT	236.55	236.65	0.10	25.00					Aplite veinlet, crosscut by calcite stringers.	
VT	237.79	242.15	4.36	35-40		11.00			11 carbonate veinlets with potassic selvages.	
ST	242.18	242.23	0.05	50.00		2.00			2 parallel hematite-stained carbonate stringers.	
VT	245.63	245.68	0.05	50.00					Irregular carbonate veinlet with potassic selvage.	
VT	246.00	246.01	0.01	55.00					Milky quartz-carbonate veinlet with potassic selvage.	
ST	247.79	247.82	0.03	50-60		4.00			4 dark purple hematite stained carbonate stringers in 5cm phyllic envelope.	
DY	248.96	248.99	0.03	80.00					Pink-red aplite dyke, crosscut and offset by carbonate stringers.	
DY	249.55	249.74	0.19	30.00					Red-pink aplite dyke.	
DY	250.75	250.76	0.01	85.00					1cm red-pink aplite dyke, crosscut by carbonate stringers.	
DY	252.50	254.60	2.10	80.00		5.00			5 1-2.5cm pink-red aplite dykes.	
VT	255.33	255.45	0.12	40.00					Aplite veinlet, irregular.	
ST	256.20	257.85	1.65			13.00			Hematite-stained carbonate stringers, varying orientations, predominantly low angle to core axis. Cross-cutting, netted.	
DY	256.70	256.78	0.08	45.00					Pink aplite dyke, 1.5cm, crosscut by carbonate stringers.	
VT	258.23	258.25	0.02	65.00					Carbonate veinlet with narrow lightly phyllic selvage.	
VT	259.84	260.80	0.96	30.00		2.00			2 carbonate milky veinlets, with potassic selvages.	
VT	262.14	262.42	0.28	40.00		3.00			Milky to purple carbonate veinlets with phyllic selvages.	
VT	266.35	266.40	0.05	50.00					Milky to purple carbonate veinlet with phyllic and potassic selvage.	
VT	271.86	271.88	0.02	60.00					Milky quartz-carbonate veinlet with light phyllic selvage.	
VT	274.35	274.66	0.31	10.00					Light green clay-altered carbonate veinlet on fracture.	
VT	278.08	278.29	0.21	15.00					Milky to green carbonate veinlet in propylitic to phyllic and potassic alteration envelope.	
VT	278.50	278.61	0.11	25.00		4.00	Py	1.00	4 parallel clay-altered green-white carbonate veinlets with disseminated pyrite, phyllic and potassic alteration envelope.	
ST	278.93	279.09	0.16						Irregular, discontinuous netted stringers, milky quartz-carbonate, potassic and phyllic alteration.	
VT	279.55	279.58	0.03	65.00		2			Branching carbonate veinlets with phyllic selvage.	
VT	279.97	282.77	2.80	60-80		10			10 milky carbonate veinlets with narrow phyllic selvages.	
VT	283.83	283.89	0.06	45.00					Milky to clear quartz-carbonate veinlet with propylitic to phyllic selvage, 2.5cm on either side.	
VT	289.43	289.54	0.11	35					Milky carbonate veinlet with 1.5cm potassic selvage on either side.	
VT	289.83	290.39	0.56	25.00					Light green clay-altered carbonate-quartz vein, with fine pits. Dark purple hematite staining. Potassic altered selvage.	
VT	290.69	290.77	0.08	35					Milky carbonate veinlet, in phyllic alteration envelope.	
VT	292.00	292.06	0.06	50.00					Carbonate veinlet with purple hematite staining. Phyllic and potassic alteration envelope.	
VT	292.47	292.52	0.05	20					Green (chlorite?) carbonate veinlet.	
ST	293.55	294.00	0.45			5.00			5 carbonate stringers with potassic alteration selvages, crosscutting and netted.	
VT	294.10	294.32	0.22	20					Light green clay-altered carbonate veinlet, potassic and phyllic alteration envelope.	
ST	295.86	296.30	0.44	15-25		2.00			2 braided cabonate clay alteration stringers in phyllic envelope.	
VT	298.24	298.25	0.01	70			Py	1	Milky quartz-carbonate veinlet with disseminated pyrite. In phyllic envelope.	
VT	298.46	298.71	0.25	50		2.00			2 quartz-carbonate milky veinlets with phyllic altered selvages.	
ST	299.23	300.54	1.31						Netted stringers of smoky quartz and milky calcite, altered with green clay.	
VT	300.63	300.80	0.17	20-40		2.00			2 smoky clay-altered quartz veinlets, enclosing region of milky to clear quartz flooding of phyllic altered granodiorite.	
VN	302.87	303.66	0.79	40		2.00			2cm light green to white clay altered quartz-carbonate veins with potassic selvages. Discontinuous.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
VT	304.54	304.58	0.04	50					Hematite-stained, milky to clear quartz-carbonate veinlet.	
VT	304.74	304.77	0.03	40		2.00			Braided, clay altered milky carbonate veinlets. Potassic selvages.	
VT	305.40	305.51	0.11	40					Light green strongly clay-altered quartz-carbonate veinlet.	
ST	305.60	307.30	1.70						Netted carbonate stringers in phyllic alteration. Varying orientations, irregular and discontinuous.	
VT	308.63	308.68	0.05	45					Light green clay altered quartz-carbonate veinlet with potassic selvage.	
VT	310.02	310.05	0.03	50					Clay altered quartz-carbonate veinlet, potassic selvage.	
VN	310.64	310.66	0.02	65			Py	1	Crustiform quartz-carbonate vein, milky and clear bands, fine pyrite disseminated in phyllic altered selvage.	
VN	311.10	311.18	0.08	40					Milky to light green clay altered crustiform 2.5cm quartz-carbonate vein in phyllic envelope.	
VT	311.20	312.18	0.98	50		4.00			Crustiform branching quartz-carbonate veinlets, crosscut by carbonate stringers, in phyllic envelope.	
VT	313.10	313.15	0.05	50					Milky quartz-carbonate veinlet with green rims, potassic selvage.	
VN	313.46	313.50	0.04	70					Milky to smoky crustiform banded quartz-carbonate 3cm vein in phyllic envelope.	
VT	314.28	314.70	0.42	50		8.00			Milky quartz-carbonate veinlets in propylitic alteration.	
VT	316.71	316.75	0.04	55		2.00			Light green to milky clay altered banded quartz-carbonate veinlets, in phyllic and potassic alteration envelope.	
VT	316.74	316.78	0.04	50					Milky quartz-carbonate veinletwith potassic selvage.	
ST	316.98	317.15	0.17	50					Netted quartz-carbonate stringers, predominantly at 50 degrees TCA, in potassic envelope.	
VT	316.32	318.38	2.06	45			Py	10	Milky quartz-carbonate veinlet in potassic envelope, hosting fine pyrite band.	
VT	318.50	318.84	0.34	55		2.00	Py	1	Milky crustiform quartz-carbonate veinlets with potassic selvages. Trace disseminated pyrite.	
VT	319.82	319.88	0.06	45		2.00			Milky to pale green quartz-carbonate veinlets with trace hematite, in potassic envelope.	
VT	320.08	320.73	0.65	40		2.00			Milky quartz-carbonate veinlets with potassic and propylitic selvage.	
ST	321.31	321.40	0.09						Netted hematite-stained quartz stringers in potassic alteration zone.	
ST	322.38	322.39	0.01	50					Hematite-stained carbonate stringer.	
VT	325.13	325.16	0.03	55					Crustiform milky to clear quartz-carbonate veinlet with potassic selvage.	
VT	325.80	325.83	0.03	55					Milky quartz-carbonate veinlet with propylitic selvages.	
VT	331.84	331.84		85					Dark red-brown aplite veinlet.	
VT	334.83	334.90	0.07	35					Chloritic milky and dark green carbonate+/- quartz veinlet with potassic selvage.	
VT	335.33	335.38	0.05	55		2.00			2 hematite-stained carbonate veinlets in phyllic alteration envelope.	
VT	337.52	337.57	0.05	50					Milky carbonate-quartz veinlet, hematite-stained. Irregular, with potassic selvage.	
VT	339.55	339.62	0.07	55		2.00			Carbonate milky veinlets, irregular, with light potassic selvages.	
VT	340.23	341.00	0.77	25		2.00			2 milky carbonate veinlets in potassic and propylitic envelope, with dark green rims.	
DY	342.43	342.45	0.02	75					1.2cm aplite dyke, red-pink.	
DY	344.62	345.46	0.84	25		4.00			Dark red-pink apite dykes, crosscut by extensive irregular carbonate stringers. 1-2cm dyks, one altered to dark purple.	
VT	345.96	345.99	0.03	50			Py	1	Colloform milky to clear carbonate-quartz veinlet with trace pyrite, finely disseminated.	
VT	346.21	346.45	0.24	50		2.00			Hematite stained milky quartz-carbonate veinlets.	
VT	346.78	346.83	0.05	45-50			Py	5	Irregular crustiform quartz-carbonate veinlet with finely disseminated pyrite. Potassic selvage, in phyllic envelope.	
VT	347.26	347.29	0.03	60					Milky quartz-carbonate veinlet with chlorite.	
VT	348.55	348.64	0.09	25					Lightly hematite-stained quartz veinlet.	
DY	349.20	349.34	0.14	40					3cm aplite dyke, red-brown, crosscut by hematite-stained and chlorite-bearing quartz-carbonate stringers.	
DY	349.77	350.17	0.40	30					Dark red-brown to purple aplite dyke, crosscut by carbonate stringers.	
VT	350.10	350.45	0.35	15					Hematite-stained branching quartz-carbonate veinlet.	
VT	351.02	351.10	0.08	35		2.00			Milky braided quartz-carbonate veinlets, potassic selvages.	
VT	351.27	352.31	1.04	50		6.00			6 fine quartz-carbonate milky veinlets, with potassic selvages. Multiple fine carbonate stringers between veinlets.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	352.30	352.35	0.05	45					Milky crustiform quartz-carbonate veinlet, carbonate infilling vugs in interior.	
DY	352.33	352.50	0.17	25					Dark red-brown aplite dyke. Crosscut by carbonate stringers.	
VT	352.65	352.79	0.14	35		2.00			2 parallel quartz-carbonate milky stringers, encompassed by potassic alteration.	
VT	353.45	353.91	0.46	70		3.00			Dark green and purple hematite-stained and chloritic carbonate veins. Potassic selvage.	
VT	354.40	355.65	1.25	45		7.00			Milky quartz-carbonate veinlets, with potassic alteration selvages.	
ST	364.40	364.75	0.35						Dark purple, netted hematite-stained stringers.	
GO	364.40	364.70	0.30	30		2.00			Light grey-pink gouge on fracturs, 1-3cm thick.	
ST	365.72	365.80	0.08	35					Dark purple, hematite-stained carbonate stringer.	
ST	366.95	367.35	0.40	30		3.00			Purple and white hematite-stained quartz-carbonate stringers.	
VT	367.79	367.85	0.06	40					Hematite-stained clay altered quartz-carbonate veinlet.	
DY	369.32	369.36	0.04	85					4cm aplite dyke, pink-brown.	
VT	369.80	370.72	0.92	40		6.00			6 milky quartz-carbonate veinlets with faint pink potassic selvages.	
DY	373.25	373.28	0.03	80					Dark red-orange aplite dyke, crosscut by carbonate stringers.	
VT	376.36	376.37	0.01	75					Pink aplite veinlet.	
VT	376.91	376.94	0.03	55					Hematite-rimmed calcite veinlet with propylitic selvage.	
									EOH @ 377.04m	

KLAZA

Hole: DDH-KL-12-119 **Date: August 22 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
27.35	1580	1800	531.3	309.6	GRD	MA	ARG	3I			2.415	2.396482	
							OXI	2I					Oxidized, argillic altered granodiorite.
Calibration			2001.7	1745.1									
87.65	1580	1840	663.2	399.2	FEL	PO	OXI	3I			2.550769	2.512121	Oxidized quartz feldspar porphyry dyke, with biotite phenocrysts and quartz eyes.
57.5	1580	1800	584.2	368.8	FEL	PO					2.655455	2.712163	Pink-purple striated porphyry dyke, with clay altered phenocrysts.
64.48	1580	1790	593.5	471.2	GRD	EN	PRO	3I	Mg	10	2.82619	4.852821	
							PHC	3I	Sp?	10			
									Bn	2			Phyllic and propylitic alteration envelope encompassing mineralized quartz vein with breccia.
									Cp	1			
									Tt?	2			
92.9	1580	1740	481.9	402.8	GRD	BX	PHC	4I			3.011875	6.092288	Phyllic alteration with quartz clasts.
101	1580	1840	730.8	553.2	GRD	EN	PHC	4I	Py	30	2.810769	4.114865	Phyllic envelope encompassing milky to smoky quartz vein with pyrite stringer.
116.95	1540	1620	470.8	295.7	GRD	EN	PHC	4I	Py	<1	5.885	2.688749	Phyllic and potassic envelope around crustiform quartz vein with epidote and breccia.
							POT	3I					
157.25	1540	1800	730.4	557.9	GRD	EN	PHC	3I			2.809231	4.234203	Phyllic alteration envelope around comb quartz vein.
169.16	1525	1708	481.6	302.3	GRD	EN	PHC	3I	Py	15	2.631694	2.686001	Phyllic envelope around smoky to milky quartz vein hosting massive pyrite.
							POT	2I					
Calibration			1960.6										
193.17	1525	1730	528.5	326.7	GRD	PA	ARG	3I			2.578049	2.61893	Propylitic to argillic to phyllic alteration envelope around quartz-carbonate veinlet.
							PHC	3I					
							PRO	3I					
212.3	1525	1670	363.4	221.5	GRD	MA	ARG	4I			2.506207	2.560958	Argillic altered granodiorite with patchy potassic alteration.
							POT	2I					
239.5	1510	1718	551.4	344.5	GRD	EN	PHC	1I			2.650962	2.665056	Phyllic and potassic altered envelope

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							POT	3I					around carbonate veinlet.
256.7	1510	1720	560.1	350	GRD	MA	POT	2I			2.667143	2.665873	Lightly potassic altered granodiorite. Aplite dyke.
Calibration			1987.5										
278.53	1510	1698	498.4	311.8	GRD		SIL	3I	Py	2	2.651064	2.670954	Potassic and phyllic alteration around 4 quartz-carbonate veinlets with disseminated pyrite and calcite phenocryst with 5% pyrite.
							POT	4I					
							PHC	3I					
311.05	1490	1678	493.5	307.7	GRD		PHC	4I			2.625	2.656082	Phyllic alteration envelope around clay altered quartz-carbonate vein.
318.31	1490	1580	247.6	155.7	GRD		POT	4I	Py	5	2.751111	2.694233	Potassic envelope around 3 quartz-carbonate veinlets hosting pyrite stringers.
							PHC	2I					
355.42	1480	1665	471.1	293.1	GRD		POT	4I			2.546486	2.646629	
							PHC	1I					Potassic altered granodiorite, overprinting phyllic alteration.
							SIL	3I					
Calibration			2001.7										
363.75	1480	1720	639.1	401.8	GRD		PRO	3I			2.662917	2.693215	Bleached light yellow-green propylitic altered granodiorite with patchy potassic alteration.
							POT	2I					
													EOH

KLAZA

Hole: DDH-KL-12-119 **Date: August 22 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	5.18	5.18	1.29	24.9	M359234	119-1				Rubble, low recovery
5.18	8.08	2.90	1.21	41.7	M359235	119-1				Rubble, low recovery
8.08	9.40	1.32	1.27	96.2	M359236	119-1				
9.40	11.95	2.55	1.25	49	M359237	119-1				Rubble, low recovery
					M359238	119-1				COARSE REJECT DUPLICATE
11.95	14.33	2.38	0.70	29.4	M359239	119-1				Rubble, low recovery
14.33	17.37	3.04	1.55	51	M359240	119-1				Rubble, low recovery
17.37	20.42	3.05	1.20	39.3	M359241	119-1				Rubble, low recovery
20.42	23.47	3.05	0.99	32.5	M359242	119-1				Rubble, low recovery
23.47	26.52	3.05	1.09	35.7	M359243	119-1				Rubble, low recovery
26.52	29.57	3.05	1.70	55.7	M359244	119-1				Rubble, low recovery
29.57	32.61	3.04	1.28	42.1	M359245	119-1				Rubble, low recovery
					M359246	119-1				STANDARD KLAZA-3
32.61	34.75	2.14	1.41	65.9	M359247	119-1				Rubble, low recovery
34.75	36.25	1.50	1.46	97.3	M359248	119-1				
					M359249	119-1				BLANK
36.25	37.25	1.00	1.00	100	M359250	119-1				
37.25	38.71	1.46	1.18	80.8	M359251	119-1				
38.71	41.76	3.05	2.72	89.2	M359252	119-1				
41.76	44.81	3.05	2.67	87.5	M359253	119-1				
44.81	47.85	3.04	2.93	96.4	M359254	119-1				
47.85	50.90	3.05	2.92	95.7	M359255	119-1				
50.90	53.95	3.05	2.90	95.1	M359256	119-1				
53.95	54.95	1.00	1.00	100	M359257	119-1				
53.95	54.95	1.00	1.00	100	M359258	119-1				1/4 DUPLICATE
54.95	57.60	2.65	2.49	94	M359259	119-1				
57.60	58.60	1.00	1.00	100	M359260	119-1				
					M359261	119-1				STANDARD KLAZA-3

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
58.60	60.21	1.61	1.59	98.8	M359262	119-1				
60.21	62.10	1.89	1.88	99.5	M359263	119-1				
62.10	63.10	1.00	1.00	100	M359264	119-1				
63.10	64.52	1.42	1.40	98.6	M359265	119-1				
64.52	65.55	1.03	1.03	100	M359266	119-1				
					M359267	119-1				BLANK
65.55	67.90	2.35	2.33	99.1	M359268	119-1				
67.90	69.31	1.41	1.41	100	M359269	119-1				
69.31	72.24	2.93	2.76	94.2	M359270	119-2				
72.24	75.29	3.05	3.02	99	M359271	119-2				
75.29	77.50	2.21	2.10	95	M359272	119-2				
77.50	78.70	1.20	1.20	100	M359273	119-2				
77.50	78.70	1.20	1.20	100	M359274	119-2				1/4 DUPLICATE
78.70	79.70	1.00	0.99	99	M359275	119-2				
					M359276	119-2				BLANK
79.70	81.54	1.84	1.75	95.1	M359277	119-2				
81.54	82.75	1.21	1.21	100	M359278	119-2				
82.75	84.35	1.60	1.56	97.5	M359279	119-2				
84.35	85.35	1.00	0.95	95	M359280	119-2				
85.35	86.95	1.60	1.51	94.4	M359281	119-2				
86.95	88.38	1.43	1.43	100	M359282	119-2				
88.38	89.40	1.02	1.02	100	M359283	119-2				
89.40	91.33	1.93	1.88	97.4	M359284	119-2				
91.33	92.83	1.50	1.48	98.7	M359285	119-2				
92.83	94.10	1.27	1.21	95.3	M359286	119-2				
94.10	95.35	1.25	1.25	100	M359287	119-2				
					M359288	119-2				STANDARD KLAZA-2
95.35	97.08	1.73	1.72	99.4	M359289	119-2				
					M359290	119-2				COARSE REJECT DUPLICATE
97.08	98.53	1.45	1.40	96.6	M359291	119-2				
98.53	100.65	2.12	2.07	97.6	M359292	119-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
100.65	102.00	1.35	1.29	95.6	M359293	119-2				
					M359294	119-2				BLANK
102.00	103.56	1.56	1.56	100	M359295	119-2				
103.56	104.56	1.00	1.00	100	M359296	119-2				
104.56	106.09	1.53	1.51	98.7	M359297	119-2				
106.09	107.69	1.60	1.47	91.9	M359298	119-2				
					M359299	119-2				STANDARD KLAZA-3
107.69	109.18	1.49	1.49	100	M359300	119-2				
109.18	110.18	1.00	1.00	100	M359301	119-2				
111.38	114.26	2.88	2.72	94.4	M359302	119-2				
114.26	115.26	1.00	1.00	100	M359303	119-2				
115.26	116.43	1.17	1.17	100	M359304	119-2				
116.43	117.43	1.00	0.99	99	M359305	119-2				
117.43	118.70	1.27	1.27	100	M359306	119-3				
118.70	120.70	2.00	1.98	99	M359307	119-3				
120.70	122.47	1.77	1.69	95.5	M359308	119-3				
122.47	123.47	1.00	0.99	99	M359309	119-3				
123.47	125.83	2.36	2.36	100	M359310	119-3				123.47-124.83 Typo
125.83	126.83	1.00	1.00	100	M359311	119-3				124.83-125.83 Typo
127.04	128.72	1.68	1.68	100	M359312	119-3				
128.72	130.60	1.88	1.88	100	M359313	119-3				
					M359314	119-3				BLANK
135.80	136.90	1.10	1.10	100	M359315	119-3				
					M359316	119-3				COARSE REJECT
138.40	139.40	1.00	1.00	100	M359317	119-3				
139.40	140.60	1.20	1.20	100	M359318	119-3				
141.71	142.71	1.00	1.00	100	M359319	119-3				
153.65	155.57	1.92	1.92	100	M359320	119-3				
156.83	157.83	1.00	1.00	100	M359321	119-3				
159.06	160.54	1.48	1.48	100	M359322	119-3				
161.17	162.34	1.17	1.17	100	M359323	119-3				
161.17	162.34	1.17	1.17	100	M359324	119-3				1/4 DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
162.34	163.91	1.57	1.57	100	M359325	119-3				
					M359326	119-3				STANDARD KLAZA-3
163.91	164.91	1.00	1.00	100	M359327	119-3				
164.91	165.97	1.06	1.06	100	M359328	119-3				
					M359329	119-3				STANDARD KLAZA-2
165.97	167.28	1.31	1.29	98.5	M359330	119-3				
167.28	168.28	1.00	0.98	98	M359331	119-3				
168.28	169.28	1.00	1.00	100	M359332	119-3				
169.28	171.32	2.04	2.02	99	M359333	119-3				
171.32	172.32	1.00	1.00	100	M359334	119-3				
172.32	173.32	1.00	0.99	99	M359335	119-3				
					M359336	119-3				BLANK
173.32	176.32	3.00	2.95	98.3	M359337	119-3				
176.32	178.29	1.97	1.97	100	M359338	119-3				
178.29	179.29	1.00	1.00	100	M359339	119-3				
179.29	180.70	1.41	1.40	99.3	M359340	119-3				
182.00	183.81	1.81	1.80	99.4	M359341	119-3				
184.70	185.70	1.00	0.99	99	M359342	119-4				
187.44	188.71	1.27	1.19	93.7	M359343	119-4				
190.53	192.81	2.28	2.20	96.5	M359344	119-4				
192.81	193.81	1.00	1.00	100	M359345	119-4				
193.81	194.81	1.00	1.00	100	M359346	119-4				
195.88	196.96	1.08	1.01	93.5	M359347	119-4				
198.49	201.11	2.62	2.58	98.5	M359348	119-4				
201.11	202.11	1.00	0.99	99	M359349	119-4				
					M359350	119-4				COARSE REJECT DUPLICATE
202.11	203.98	1.87	1.87	100	M359351	119-4				
					M359352	119-4				STANDARD KLAZA-3
203.98	206.98	3.00	2.96	98.7	M359353	119-4				
206.98	208.74	1.76	1.62	92	M359354	119-4				
208.74	210.85	2.11	2.11	100	M359355	119-4				
					M359356	119-4				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
211.78	213.12	1.34	1.34	100	M359357	119-4				
213.12	214.61	1.49	1.49	100	M359358	119-4				
216.61	218.61	2.00	2.00	100	M359359	119-4				
218.61	220.85	2.24	2.10	93.8	M359360	119-4				
222.28	223.44	1.16	1.16	100	M359361	119-4				
222.28	223.44	1.16	1.16	100	M359362	119-4				1/4 DUPLICATE
226.83	228.00	1.17	1.17	100	M359363	119-4				
228.00	230.10	2.10	2.02	96.2	M359364	119-4				
230.10	231.60	1.50	1.49	99.3	M359365	119-4				
232.25	235.08	2.83	2.81	99.3	M359366	119-4				
235.08	236.50	1.42	1.31	92.3	M359367	119-4				
236.50	237.75	1.25	1.25	100	M359368	119-4				
237.75	240.23	2.48	2.48	100	M359369	119-4				
240.23	242.23	2.00	2.00	100	M359370	119-4				
					M359371	119-4				BLANK
243.00	244.58	1.58	1.58	100	M359372	119-4				
244.58	246.03	1.45	1.41	97.2	M359373	119-4				
					M359374	119-4				STANDARD KLAZA-3
247.43	250.13	2.70	2.50	92.6	M359375	119-4				
256.17	258.17	2.00	2.00	100	M359376	119-4				
258.17	259.78	1.61	1.58	98.1	M359377	119-4				
259.78	261.48	1.70	1.70	100	M359378	119-5				
261.48	262.48	1.00	0.97	97	M359379	119-5				
					M359380	119-5				COARSE REJECT DUPLICATE
264.90	266.45	1.55	1.55	100	M359381	119-5				
271.37	272.37	1.00	1.00	100	M359382	119-5				
					M359383	119-5				STANDARD KLAZA-3
276.75	277.75	1.00	1.00	100	M359384	119-5				
277.75	278.75	1.00	1.00	100	M359385	119-5				
					M359386	119-5				BLANK
278.75	280.42	1.67	1.61	96.4	M359387	119-5				
282.70	285.70	3.00	3.00	100	M359388	119-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
285.70	288.70	3.00	2.96	98.7	M359389	119-5				
288.70	289.70	1.00	1.00	100	M359390	119-5				
289.70	290.80	1.10	1.09	99.1	M359391	119-5				
290.80	293.80	3.00	2.91	97	M359392	119-5				
293.80	295.85	2.05	2.05	100	M359393	119-5				
295.85	297.68	1.83	1.83	100	M359394	119-5				
297.68	298.68	1.00	1.00	100	M359395	119-5				
					M359396	119-5				BLANK
298.68	299.88	1.20	1.16	96.7	M359397	119-5				
299.88	301.20	1.32	1.27	96.2	M359398	119-5				
299.88	301.20	1.32	1.27	96.2	M359399	119-5				1/4 DUPLICATE
301.20	304.20	3.00	2.92	97.3	M359400	119-5				
304.20	307.20	3.00	2.99	99.7	M359401	119-5				
307.20	310.00	2.80	2.73	97.5	M359402	119-5				
310.00	312.00	2.00	2.00	100	M359403	119-5				
312.00	313.55	1.55	1.49	96.1	M359404	119-5				
313.55	314.78	1.23	1.23	100	M359405	119-5				
					M359406	119-5				STANDARD KLAZA-3
314.78	316.81	2.03	2.03	100	M359407	119-5				
316.81	317.95	1.14	1.11	97.4	M359408	119-5				
317.95	318.95	1.00	1.00	100	M359409	119-5				
318.95	321.71	2.76	2.76	100	M359410	119-5				
321.71	322.71	1.00	0.98	98	M359411	119-5				
323.65	325.29	1.64	1.64	100	M359412	119-5				
325.29	326.63	1.34	1.33	99.3	M359413	119-5				
330.23	333.23	3.00	3.00	100	M359414	119-6				
334.60	335.97	1.37	1.37	100	M359415	119-6				
336.72	338.04	1.32	1.32	100	M359416	119-6				
					M359417	119-6				STANDARD KLAZA-3
344.15	345.92	1.77	1.73	97.7	M359418	119-6				
345.92	347.35	1.43	1.43	100	M359419	119-6				
					M359420	119-6				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
347.35	348.92	1.57	1.51	96.2	M359421	119-6				
348.92	350.45	1.53	1.51	98.7	M359422	119-6				
350.45	353.45	3.00	2.98	99.3	M359423	119-6				
353.45	356.45	3.00	2.98	99.3	M359424	119-6				
356.45	358.12	1.67	1.65	98.8	M359425	119-6				
					M359426	119-6				COARSE REJECT DUPLICATE
359.87	361.24	1.37	1.37	100	M359427	119-6				
362.53	364.03	1.50	1.50	100	M359428	119-6				
364.03	365.98	1.95	1.95	100	M359429	119-6				
366.70	367.96	1.26	1.26	100	M359430	119-6				
					M359431	119-6				BLANK
368.48	371.25	2.77	2.71	97.8	M359432	119-6				
372.74	373.74	1.00	1.00	100	M359433	119-6				
EOH										EOH @ 377.04m

KLAZA

Hole: DDH-KL-12-119 **Tech Name:** **Date: August 22 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
5.81	8.23	2.42	2.42	100	0.44	18		2	2	3w	
8.23	11.28	3.05	1.85	61	0.35	11		1	0	3w	
11.28	14.38	3.10	1.45	47	0.00	0		1	0	4w	
14.38	17.37	2.99	1.65	55	0.13	4		1	0	4w	
17.37	20.42	3.05	1.29	42	0.14	5		2	1	4w	
20.42	23.47	3.05	1.37	45	0.19	6		2	2	4w	irregular rubble
23.47	26.52	3.05	1.64	54	0.00	0		1	0	4w	
26.52	29.57	3.05	1.74	57	0.30	10		1	1	3w	
29.57	32.61	3.04	2.06	68	0.49	16		1	0	4w	
32.61	35.66	3.05	2.44	80	0.30	10		1	0	3w	
35.66	38.71	3.05	3.00	98	0.46	15		1	0	3w	many irregular breaks
38.71	41.76	3.05	2.85	93	1.05	34		2	2	2w	
41.76	44.81	3.05	2.80	92	0.88	29		2	2	2w	
44.81	47.85	3.04	2.92	96	1.67	55		1	1	3w	
47.85	50.90	3.05	3.00	98	2.19	72		1	1	3w	
50.90	53.95	3.05	2.92	96	2.27	74		1	2	3w	
53.95	57.00	3.05	2.87	94	1.45	48		2	2	3w	
57.00	60.05	3.05	2.97	97	2.20	72		2	2	2w	
60.05	63.09	3.04	3.01	99	2.64	87		2	3	1w	
63.09	66.14	3.05	3.00	98	2.57	84		2	3	2w	
66.14	69.19	3.05	3.02	99	2.74	90		2	3	2w	
69.19	72.24	3.05	3.04	100	2.70	89		2	1	1w	
72.24	75.29	3.05	3.00	98	1.35	44		2	2	2w	
75.29	78.33	3.04	2.85	94	2.31	76		2	1	2w	
78.33	81.38	3.05	3.02	99	2.07	68		2	3	1w	
81.38	84.43	3.05	2.95	97	2.63	86		2	3	1w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
84.43	87.48	3.05	2.96	97	1.69	55		2	2	2w	
87.48	90.53	3.05	2.98	98	2.26	74		2	2	2w	
90.53	93.57	3.04	2.92	96	1.84	61		2	2	2w	
93.57	96.62	3.05	2.95	97	2.42	79		2	3	2w	
96.62	99.67	3.05	2.98	98	1.79	59		2	3	2w	
99.67	102.72	3.05	2.96	97	2.25	74		2	2	2w	
102.72	105.77	3.05	3.05	100	2.10	69		2	1	1w	
105.77	108.81	3.04	2.90	95	2.45	81		2	0	1w	
108.81	111.86	3.05	3.04	100	2.51	82		2	3	1w	
111.86	114.91	3.05	2.90	95	2.18	71		2	3	1w	
114.91	117.96	3.05	3.04	100	2.22	73		2	3	1w	
117.96	121.01	3.05	3.03	99	2.60	85		2	3	1w	
121.01	124.05	3.04	2.91	96	2.13	70		2	1	1w	
124.05	127.10	3.05	3.03	99	2.21	72		2	3	1w	
127.10	130.15	3.05	3.05	100	2.66	87		2	4	1w	
130.15	133.20	3.05	3.02	99	2.85	93		2	3	1w	
133.20	136.25	3.05	3.03	99	2.75	90		2	3	1w	
136.25	139.29	3.04	2.99	98	2.58	85		2	4	1w	
139.29	142.34	3.05	3.05	100	2.30	75		2	3	1w	
142.34	145.39	3.05	2.85	93	2.54	83		2	3	1w	
145.39	148.44	3.05	2.93	96	2.62	86		2	4	1w	
148.44	151.49	3.05	3.05	100	2.61	86		2	3	1w	
151.49	154.53	3.04	3.03	100	2.85	94		2	3	1w	
154.53	157.98	3.45	3.50	101	2.86	83		2	3	1w	
157.98	160.63	2.65	3.30	125	2.80	106		2	4	1w	
160.63	163.68	3.05	3.00	98	2.83	93		2	3	1w	
163.68	166.73	3.05	3.05	100	2.98	98		2	3	1w	
166.73	169.77	3.04	3.05	100	2.94	97		2	0	2w	
169.77	172.82	3.05	3.00	98	2.60	85		2	0	2w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	3.00	98	2.70	89		2	3	2w	
175.87	178.92	3.05	2.78	91	2.60	85		2	3	2w	
178.92	181.92	3.00	3.01	100	3.10	103		2	3	1w	
181.97	185.01	3.04	3.00	99	2.38	78		2	3	2w	
185.01	188.06	3.05	3.00	98	2.67	88		2	3	1w	
188.06	191.11	3.05	2.97	97	2.30	75		2	3	1w	
191.11	194.16	3.05	3.05	100	2.38	78		2	3	1w	
194.16	197.21	3.05	2.96	97	2.57	84		2	3	1w	
197.21	200.25	3.04	2.97	98	2.51	83		2	3	1w	
200.25	203.30	3.05	3.00	98	2.79	91		2	3	1w	
203.30	206.35	3.05	3.00	98	2.50	82		2	4	2w	
206.35	209.40	3.05	2.68	88	1.50	49		2	0	2w	
209.40	212.45	3.05	2.85	93	1.90	62		2	3	1w	
212.45	215.49	3.04	3.00	99	2.66	87		2	3	1w	
215.49	218.54	3.05	3.05	100	2.70	89		2	3	1w	
218.54	221.53	2.99	2.85	95	2.34	78		2	3	2w	
221.59	224.64	3.05	2.94	96	2.53	83		2	4	1w	
224.64	227.69	3.05	3.00	98	2.83	93		2	3	1W	
227.69	230.73	3.04	2.92	96	2.36	78		2	3	1W	
230.73	233.78	3.05	2.99	98	2.26	74		2	4	1W	
233.78	236.83	3.05	2.94	96	1.53	50		2	3	1W	
236.83	239.88	3.05	3.05	100	2.75	90		2	3	1W	
239.88	242.93	3.05	2.93	96	2.39	78		2	3S	1W	
242.93	245.97	3.04	2.82	93	1.80	59		2	3S	1W	
245.97	249.02	3.05	3.00	98	2.38	78		2	3S	1W	
249.02	252.07	3.05	3.01	99	2.83	93		2	3S	1W	
252.07	255.12	3.05	2.81	92	2.67	88		2	4	1W	
255.12	258.17	3.05	3.00	98	2.78	91		2	4	1W	
258.17	261.21	3.04	2.98	98	2.37	78		2	4	1W	
261.21	264.26	3.05	2.97	97	2.70	89		2	3	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
264.26	267.31	3.05	2.98	98	2.81	92		2	3	1W	
267.31	270.36	3.05	2.94	96	2.34	77		2	3	1W	
270.36	273.41	3.05	2.95	97	2.48	81		2	3	1W	
273.41	276.45	3.04	3.00	99	2.20	72		2	3	1W	
276.45	279.50	3.05	2.95	97	2.30	75		2	3	1W	
279.50	282.55	3.05	2.90	95	1.75	57		2	4	1W	
282.55	285.60	3.05	3.02	99	2.14	70		2	3	1W	
285.60	288.65	3.05	2.97	97	2.35	77		2	3	1W	
288.65	291.69	3.04	2.90	95	2.08	68		2	3	1W	
291.69	294.74	3.05	2.96	97	2.89	95		2	3	1W	
294.74	297.79	3.05	2.94	96	1.78	58		1	2	1W	
297.79	300.84	3.05	2.95	97	2.34	77		2	3	3W	
300.84	303.89	3.05	2.87	94	1.76	58		2	2	2W	
303.89	306.93	3.04	2.90	95	1.35	44		2	3	2W	
306.93	309.98	3.05	2.91	95	2.45	80		2	2	2W	
309.98	313.03	3.05	2.96	97	1.90	62		2	3	1W	
313.03	316.08	3.05	2.95	97	2.32	76		2	4	1W	
316.08	319.13	3.05	2.94	96	2.64	87		2	3	1W	
319.13	322.17	3.04	3.04	100	2.90	95		2	3	1W	
322.17	325.22	3.05	2.99	98	2.40	79		2	3	1W	
325.22	328.27	3.05	3.00	98	2.81	92		2	4	1W	
328.27	331.32	3.05	3.00	98	2.62	86		2	3	1W	
331.32	334.37	3.05	2.97	97	2.59	85		2	3	1W	
334.37	337.41	3.04	3.02	99	2.82	93		2	3	1W	
337.41	340.46	3.05	3.04	100	3.02	99		2	3	1W	
340.46	343.51	3.05	3.00	98	2.86	94		2	3	1W	
343.51	346.56	3.05	2.95	97	2.22	73		2	3	1W	
346.56	349.61	3.05	2.90	95	1.42	47		2	3	1W	
349.61	352.65	3.04	2.91	96	2.31	76		2	3	1W	
352.65	355.70	3.05	3.01	99	2.75	90		2	3	1W	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
355.70	358.75	3.05	2.98	98	2.79	91		2	3	1W	
358.75	361.80	3.05	3.00	98	2.76	90		2	3	1W	
361.80	364.85	3.05	3.00	98	2.51	82		2	3	1W	
364.85	367.89	3.04	3.03	100	2.75	90		2	3	1W	
367.89	370.94	3.05	2.97	97	2.67	88		2	3	1W	
370.94	373.99	3.05	3.06	100	2.73	90		2	3	1W	
373.99	377.04	3.05	3.03	99	2.73	90		2	4	1W	
EOH											

KLAZA

Hole: DDH-KL-12-119 **Tech Name:** **Date: Au** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
5.81	8.23	2.42	50.00	0.25	20.00	2.00	2.00	3w	
8.23	11.28	3.05	80.00	0.62	41.00	2.00	2.00	3w	
11.28	14.38	3.10	80.00	0.11	40.00	2.00	2.00	5w	
14.38	17.37	2.99	80.00	0.35	0.00	2.00	2.00	5w	
17.37	20.42	3.05	70.00	0.19	7.00	2.00	2.00	4w	
20.42	23.47	3.05	0.00	0.00	0.00	0.00	0.00	0.00	rubble
23.47	26.52	3.05	70.00	0.00	150.00	2.00	2.00	4w	
26.52	29.57	3.05	70.00	0.20	0.00	2.00	2.00	3w	
29.57	32.61	3.04	60.00	0.65	6.00	2.00	2.00	4w	
32.61	35.66	3.05	60.00	0.32	6.50	3.00	2.00	3w	
35.66	38.71	3.05	55.00	0.46	0.00	1.00	2.00	3w	
38.71	41.76	3.05	60.00	0.74	0.00	2.00	2.00	2w	
41.76	44.81	3.05	60.00	0.45	2.50	2.00	2.00	2w	
44.81	47.85	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
47.85	50.90	3.05	60.00	0.67	3.50	1.00	2R	3W	
50.90	53.95	3.05	60.00	0.61	1.00	1.00	2R	3W	
53.95	57.00	3.05	60.00	0.80	0.00	0.00	0.00	0.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
60.05	63.09	3.04	60.00	2.40	0.00	1.00	2.00	1.00	
63.09	66.14	3.05	60.00	1.82	0.00	1.00	1.00	2.00	
66.14	69.19	3.05	60.00	0.70	0.00	1.00	1.00	2.00	
69.19	72.24	3.05	60.00	0.64	0.00	2.00	1.00	1.00	
72.24	75.29	3.05	60.00	0.67	0.00	2.00	2.00	2.00	
75.29	78.33	3.04	60.00	2.51	0.00	2.00	2r	2w	
78.33	81.38	3.05	40.00	0.74	0.00	1.00	2r	1w	
81.38	84.43	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
84.43	87.48	3.05	50.00	0.35	0.00	2.00	2r	2w	
87.48	90.53	3.05	60.00	0.60	0.00	1.00	2r	2w	
90.53	93.57	3.04	60.00	0.78	0.00	1.00	2r	2w	
93.57	96.62	3.05	60.00	0.70	0.00	1.00	2r	2w	
96.62	99.67	3.05	60.00	0.39	0.00	2.00	2r	2w	

KLAZA

99.67	102.72	3.05	0.00						
102.72	105.77	3.05	60.00	0.76	0.00	1.00	2r	1w	
105.77	108.81	3.04	70.00	0.70	0.00	2.00	2r	1w	
108.81	111.86	3.05	60.00	1.00	0.00	2.00	2r	1w	
111.86	114.91	3.05	0.00						
114.91	117.96	3.05	60.00	0.20	0.00	1.00	2r	1w	
117.96	121.01	3.05	60.00	1.25	0.00	2.00	2r	1w	
121.01	124.05	3.04	60.00	1.30	0.00	1.00	2r	2w	
124.05	127.10	3.05	70.00	1.20	0.00	1.00	2r	1w	
127.10	130.15	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
130.15	133.20	3.05	60.00	1.10	0.00	1.00	2r	1w	
133.20	136.25	3.05	60.00	0.10	0.00	1.00	2r	1w	
136.25	139.29	3.04	60.00	0.10	0.00	1.00	2r	1w	
139.29	142.34	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
142.34	145.39	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
145.39	148.44	3.05	60.00	0.80	0.00	2.00	2r	1w	
148.44	151.49	3.05	0.00						
151.49	154.53	3.04	0.00						
154.53	157.98	3.45	0.00						
157.98	160.63	2.65	0.00						
160.63	163.68	3.05	0.00						
163.68	166.73	3.05	0.00						
166.73	169.77	3.04	60.00	0.50	0.00	2.00	2r	2w	
169.77	172.82	3.05	60.00	0.19	1.50	2.00	2r	2w	
172.82	175.87	3.05	0.00						
175.87	178.92	3.05	60.00	0.78	0.00	1.00	2r	2w	
178.92	181.92	3.00	60.00	1.28	0.00	1.00	1r	1w	
181.97	185.01	3.04	65.00	0.28	0.00	1.00	1r	1w	
185.01	188.06	3.05	60.00	0.50	0.00	1.00	1r	1w	
188.06	191.11	3.05	50.00	0.40	0.00	1.00	1r	1w	
191.11	194.16	3.05	0.00						
194.16	197.21	3.05	30.00	0.02	0.00	1.00	1r	1w	
197.21	200.25	3.04	50.00	0.79	0.00	1.00	1r	1w	
200.25	203.30	3.05	40.00	0.59	0.00	1.00	2r	1w	
203.30	206.35	3.05	50.00	0.60	0.00	1.00	2r	1w	
206.35	209.40	3.05	30.00	0.38	0.00	3.00	2r	2w	additional joint set: 20, .26, 0, 3 2r, 2w
209.40	212.45	3.05	60.00	0.63	0.00	1.00	2r	1w	
212.45	215.49	3.04	0.00						
215.49	218.54	3.05	50.00	0.58	0.00	1.00	1r	1w	
218.54	221.53	2.99	40.00	0.78	0.00	1.00	1r	1w	
221.59	224.64	3.05	20.00	0.58	0.00	1.00	1r	1w	

KLAZA

224.64	227.69	3.05	50.00	0.11	0.00	2.00	1r	1w	
227.69	230.73	3.04	45.00	0.27	0.00	1.00	2r	1w	
230.73	233.78	3.05	50.00	0.33	0.00	1.00	2r	1w	
233.78	236.83	3.05	60.00	0.41	0.00	1.00	2r	1w	
236.83	239.88	3.05	60.00	0.98	0.00	1.00	2r	1w	
239.88	242.93	3.05	45.00	0.84	0.00	1.00	2r	1w	
242.93	245.97	3.04	30.00	0.32	0.00	1.00	1r	2w	
245.97	249.02	3.05	60.00	0.44	0.00	1.00	1r	1w	
249.02	252.07	3.05	0.00						
252.07	255.12	3.05	0.00						
255.12	258.17	3.05	55.00	0.54	0.00	1.00	1r	1w	
258.17	261.21	3.04	0.00						
261.21	264.26	3.05	60.00	0.76	0.00	1.00	2r	1w	
264.26	267.31	3.05	70.00	0.21	0.00	1.00	2r	1w	
267.31	270.36	3.05	80.00	0.18	0.00	1.00	2r	1w	
270.36	273.41	3.05	60.00	0.15	0.00	1.00	2r	1w	
273.41	276.45	3.04	70.00	0.06	0.00	1.00	2r	1w	
276.45	279.50	3.05	60.00	0.31	0.00	1.00	2r	2w	
279.50	282.55	3.05	60.00	0.06	0.00	1.00	2r	1w	
282.55	285.60	3.05	65.00	1.00	0.00	2.00	2r	1w	
285.60	288.65	3.05	35.00	0.35	0.00	2.00	2r	1w	
288.65	291.69	3.04	0.00						
291.69	294.74	3.05	70.00	0.24	0.00	2.00	2r	1w	additional joint set: 45, .57, 0, 2, 2r, 1w
294.74	297.79	3.05	0.00						
297.79	300.84	3.05	60.00	0.33	1.00	2.00	2r	1w	
300.84	303.89	3.05	55.00	0.40	2.00	2.00	3r	1w	
303.89	306.93	3.04	35.00	0.50	2.00	2.00	3r	1w	
306.93	309.98	3.05	60.00	0.20	0.00	2.00	3r	1w	additional joint set: 45, .2, 2, 3r, 1w
309.98	313.03	3.05	50.00	0.33	0.00	2.00	3r	1w	
313.03	316.08	3.05	60.00	0.50	0.00	2.00	2r	1w	
316.08	319.13	3.05	50.00	0.50	0.00	2.00	2r	1w	
319.13	322.17	3.04	40.00	1.00	1.00	2.00	2r	1w	
322.17	325.22	3.05	50.00	0.30	0.00	2.00	3r	1w	
325.22	328.27	3.05	60.00	0.10	0.00	2.00	2r	1w	
328.27	331.32	3.05	45.00	0.30	0.00	2.00	2r	1w	
331.32	334.37	3.05	30.00	1.00	0.00	2.00	2r	1w	
334.37	337.41	3.04	40.00	1.20	0.00	2.00	2r	1w	
337.41	340.46	3.05	0.00						
340.46	343.51	3.05	0.00						
343.51	346.56	3.05	40.00	0.20	2.00	2.00	2r	2w	
346.56	349.61	3.05	40.00	0.26	4.00	2.00	2r	3w	

KLAZA

349.61	352.65	3.04	60.00	0.18	0.00	1.00	2r	2w	
352.65	355.70	3.05	60.00	0.09	0.00	2.00	2r	2w	
355.70	358.75	3.05	40.00	0.16	0.00	2.00	2r	2w	
358.75	361.80	3.05	60.00	0.06	0.00	2.00	2r	2w	
361.80	364.85	3.05	25.00	0.05	1.00	1.00	1r	3w	
364.85	367.89	3.04	35.00	0.28	1.00	2.00	2r	3w	
367.89	370.94	3.05	45.00	0.06	0.00	1.00	2r	2w	
370.94	373.99	3.05	50.00	0.08	0.00	2.00	2r	2w	
373.99	377.04	3.05	0.00						
		EOH @ 377.04m							

KLAZA

Hole: DDH-KL-12-119 Date: August 22 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
4.00	0.29	
5.00	0.23	
6.00	0.18	
7.00	0.12	
8.00	0.31	
9.00	0.29	
10.00	0.71	
11.00	0.42	
12.00	0.91	
13.00	0.91	
14.00	0.54	
15.00	7.47	
16.00	0.23	
17.00	0.43	
18.00	0.54	
19.00	5.61	
20.00	9.88	
21.00	0.12	
22.00	0.43	
23.00	0.23	
24.00	1.79	
25.00	5.27	
26.00	1.66	
27.00	0.23	
28.00	0.75	
29.00	0.25	
30.00	3.53	
31.00	0.20	
32.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
33.00	0.21	
34.00	0.38	
35.00	0.09	
36.00	0.14	
37.00	0.10	
38.00	0.10	
39.00	0.42	
40.00	0.09	
41.00	0.14	
42.00	0.54	
43.00	0.21	
44.00	0.01	
45.00	0.05	
46.00	0.70	
47.00	0.32	
48.00	0.21	
49.00	0.10	
50.00	0.12	
51.00	0.54	
52.00	0.10	
53.00	0.45	
54.00	0.16	
55.00	0.53	
56.00	0.23	
57.00	0.20	
58.00	0.34	
59.00	0.31	
60.00	0.29	
61.00	0.20	
62.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
63.00	0.45	
64.00	1.06	
65.00	0.34	
66.00	0.93	
67.00	0.25	
68.00	0.96	
69.00	0.25	
70.00	0.38	
71.00	0.51	
72.00	0.51	
73.00	0.32	
74.00	0.42	
75.00	0.95	
76.00	0.42	
77.00	0.25	
78.00	0.25	
79.00	0.64	
80.00	0.29	
81.00	0.25	
82.00	0.20	
83.00	0.27	
84.00	0.73	
85.00	0.25	
86.00	0.29	
87.00	0.42	
88.00	0.27	
89.00	0.27	
90.00	0.29	
91.00	0.40	
92.00	0.38	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
93.00	0.29	
94.00	0.71	
95.00	0.21	
96.00	1.35	
97.00	0.30	
98.00	0.45	
99.00	0.23	
100.00	0.16	
101.00	0.47	
102.00	0.16	
103.00	6.40	
104.00	0.49	
105.00	1.61	
106.00	9.95	
107.00	0.96	
108.00	0.43	
109.00	0.56	
110.00	0.32	
111.00	16.60	
112.00	14.70	
113.00	1.55	
114.00	17.80	
115.00	7.88	
116.00	5.17	
117.00	0.96	
118.00	6.56	
119.00	0.76	
120.00	0.62	
121.00	0.53	
122.00	0.87	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
123.00	0.29	
124.00	0.23	
125.00	0.53	
126.00	35.40	
127.00	25.20	
128.00	16.80	
129.00	0.42	
130.00	19.80	
131.00	24.00	
132.00	36.70	
133.00	13.20	
134.00	20.90	
135.00	3.60	
136.00	5.81	
137.00	23.30	
138.00	18.40	
139.00	16.80	
140.00	18.90	
141.00	19.00	
142.00	11.50	
143.00	18.50	
144.00	2.81	
145.00	9.86	
146.00	20.50	
147.00	21.70	
148.00	20.90	
149.00	8.28	
150.00	26.60	
151.00	19.90	
152.00	17.30	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
153.00	16.90	
154.00	17.90	
155.00	14.80	
156.00	17.30	
157.00	13.70	
158.00	11.90	
159.00	12.80	
160.00	12.00	
161.00	15.80	
162.00	4.30	
163.00	0.86	
164.00	1.13	
165.00	3.20	
166.00	2.04	
167.00	7.84	
168.00	0.14	
169.00	0.25	
170.00	0.40	
171.00	0.16	
172.00	0.54	
173.00	16.70	
174.00	16.00	
175.00	8.91	
176.00	13.10	
177.00	9.38	
178.00	16.00	
179.00	6.51	
180.00	16.70	
181.00	6.09	
182.00	15.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
183.00	15.40	
184.00	16.90	
185.00	33.40	
186.00	15.60	
187.00	14.70	
188.00	17.70	
189.00	15.30	
190.00	18.80	
191.00	11.80	
192.00	11.70	
193.00	13.50	
194.00	12.50	
195.00	16.90	
196.00	14.10	
197.00	9.18	
198.00	8.80	
199.00	15.30	
200.00	12.20	
201.00	14.50	
202.00	16.00	
203.00	14.20	
204.00	10.30	
205.00	6.99	
206.00	14.00	
207.00	1.57	
208.00	0.64	
209.00	0.18	
210.00	1.60	
211.00	9.02	
212.00	1.35	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
213.00	0.71	
214.00	14.40	
215.00	12.50	
216.00	17.40	
217.00	5.69	
218.00	12.80	
219.00	14.30	
220.00	13.30	
221.00	14.30	
222.00	11.50	
223.00	17.00	
224.00	15.80	
225.00	13.50	
226.00	7.79	
227.00	12.10	
228.00	15.10	
229.00	7.02	
230.00	11.70	
231.00	8.87	
232.00	10.70	
233.00	8.60	
234.00	9.13	
235.00	10.90	
236.00	11.80	
237.00	3.45	
238.00	12.30	
239.00	11.50	
240.00	14.00	
241.00	14.00	
242.00	13.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
243.00	12.50	
244.00	10.40	
245.00	9.79	
246.00	7.83	
247.00	13.90	
248.00	12.70	
249.00	9.71	
250.00	12.70	
251.00	14.70	
252.00	14.80	
253.00	13.00	
254.00	11.00	
255.00	13.00	
256.00	14.70	
257.00	12.40	
258.00	7.26	
259.00	12.70	
260.00	12.60	
261.00	14.70	
262.00	17.50	
263.00	11.30	
264.00	16.70	
265.00	14.70	
266.00	9.04	
267.00	14.80	
268.00	7.53	
269.00	15.00	
270.00	14.10	
271.00	9.99	
272.00	10.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
273.00	13.70	
274.00	14.60	
275.00	10.80	
276.00	12.70	
277.00	16.00	
278.00	10.70	
279.00	6.53	
280.00	17.50	
281.00	14.90	
282.00	18.80	
283.00	18.20	
284.00	15.70	
285.00	17.80	
286.00	15.80	
287.00	15.10	
288.00	10.80	
289.00	13.20	
290.00	0.45	
291.00	2.15	
292.00	0.56	
293.00	3.07	
294.00	4.72	
295.00	0.38	
296.00	0.31	
297.00	0.56	
298.00	0.31	
299.00	1.00	
300.00	0.51	
301.00	0.38	
302.00	0.54	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
303.00	0.38	
304.00	0.80	
305.00	0.45	
306.00	0.43	
307.00	1.06	
308.00	11.00	
309.00	8.32	
310.00	0.40	
311.00	0.53	
312.00	3.49	
313.00	0.31	
314.00	1.53	
315.00	7.92	
316.00	14.10	
317.00	0.40	
318.00	11.30	
319.00	18.70	
320.00	12.60	
321.00	1.50	
322.00	11.90	
323.00	17.80	
324.00	14.90	
325.00	8.67	
326.00	17.00	
327.00	17.40	
328.00	18.10	
329.00	16.50	
330.00	15.80	
331.00	17.90	
332.00	11.90	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
333.00	17.30	
334.00	14.90	
335.00	15.21	
336.00	15.60	
337.00	14.80	
338.00	15.40	
339.00	15.30	
340.00	16.20	
341.00	14.60	
342.00	8.83	
343.00	16.90	
344.00	15.10	
345.00	0.95	
346.00	0.43	
347.00	0.32	
348.00	0.32	
349.00	0.34	
350.00	0.32	
351.00	4.02	
352.00	1.59	
353.00	3.49	
354.00	5.49	
355.00	0.67	
356.00	9.79	
357.00	7.83	
358.00	13.10	
359.00	13.50	
360.00	14.40	
361.00	3.20	
362.00	19.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
363.00	8.52	
364.00	12.00	
365.00	2.47	
366.00	6.78	
367.00	3.34	
368.00	20.60	
369.00	17.90	
370.00	16.60	
371.00	9.27	
372.00	18.40	
373.00	18.60	
374.00	17.20	
375.00	18.90	
376.00	18.30	
377.00	17.40	EOH

KLAZA

Hole: **DDH-KL-12-119** **Date: August 22 2012**

Box #	From (m)	To (m)
1	3.45	8.95
2	8.95	18.21
3	18.21	28.32
4	28.32	36.41
5	36.47	41.90
6	41.90	47.41
7	47.41	53.13
8	53.13	58.90
9	58.90	64.33
10	64.33	70.04
11	70.04	75.53
12	75.53	81.27
13	81.27	87.04
14	87.04	92.49
15	92.49	98.30
16	98.30	104.04
17	104.04	109.78
18	109.78	115.65
19	115.65	121.34
20	121.34	127.22
21	127.22	133.00
22	133.00	138.86
23	138.86	144.75
24	144.75	150.48
25	150.48	156.30
26	156.30	162.19
27	162.19	167.88
28	167.88	172.46
29	172.46	179.09

KLAZA

30	179.09	184.95
31	184.95	190.58
32	190.58	196.50
33	196.50	202.21
34	202.21	208.16
35	208.16	213.62
36	213.62	219.95
37	219.95	225.50
38	225.50	231.10
39	231.10	236.83
40	236.83	242.63
41	242.63	248.24
42	248.24	254.76
43	254.76	259.60
44	259.60	265.34
45	265.34	271.20
46	271.20	277.01
47	277.01	282.77
48	282.77	288.59
49	288.59	294.17
50	294.17	299.88
51	299.88	305.53
52	305.53	311.17
53	311.17	316.87
54	316.87	322.66
55	322.66	328.41
56	328.41	334.12
57	334.12	339.91
58	339.91	345.69
59	345.69	351.17
60	351.17	356.93
61	356.93	362.65
62	362.65	368.22
63	368.22	373.99
64	373.99	377.04
		EOH @ 377.04

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			381327.04	6889383.2	1294.759	164.03

SECTION:

HOLE: KL-DDH-12-120

CLAIM: DIC 2 - YA93471

Contractor: Elite

Drill: 4

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates:

TARGET:

Geology logged by: Nick Bueckert

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.35			Casing
3.95	82.59		GRD	Weak potassic alteration with local phyllic and argillic
				alteration. Zones of pervasive alteration throughout.
				One sph-ga-py-as bearing quartz vein (4cm) (at72.97
82.59	128.11		GRD	Moderate-strong phyllic + argillic alteration.
101.06	102.29		GRD	Moderate-strong py-sph-gn-jam mineralized quartz ve
				(26cm) and breccia zone (76cm)
128.11	164.03		GRD	Unaltered granodiorite with phyllic envelopes associa
	EOH			with carbonate veinlets

SAMPLES

Numbers: M357001 - M357082

Total: 82

Batch: 120-1 to 120-3

Date Sent:

Certificate:

COMMENTS

EOH @164.03m

KLAZA

Hole: KL-DDH-12-120 **Logger Name:** Nick Bueckert **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	3.35	3.35																			Casing 3.35m
3.35	39.76	36.41					GRD	MG	md	gy	pa			PHC	2.00			Li	<20		GRANODIORITE (OXIDIZED) - Fresh to weak potassic altered granodiorite with 15 - 30 cm patches of phyllic and argillic alteration. Metre-scale zones of pervasive oxidation throughout. Carbonate -limonite stringers and veinlets frequent (stockwork); magnetite present in unaltered and potassic altered granodiorite. Interval defined by dominant pervasive oxidation (60% of core). Narrow zone (80cm) of purplish gougey core (hematite staining?) near top of hole.
									lt	gn	ma			OXI	<5						
										wh				<POT	1.00						
														ARG	3.00						
39.76	82.59	42.83					GRD	MG	md	gy	ma			PHC	2.00	<20	<15	sph	<80		GRANODIORITE (UNALTERED >> PHYLLIC > ARGILLIC). Unaltered granodiorite with 50 - 100 cm zones of weak phyllic alteration and moderate argillic alteration. Pervasive oxidation (30% of core) in 10 - 100 cm zones. Limonite staining on all fractures. Fresh granodiorite strongly magnetic. Massive sph-py-gn-as (see secondary structure log) near top of 1m zone of phyllic and argillic alteration
									lt	gn	ma			ARG	3.00			gn	<20		
										wh				OXI	<5				<15		
			56.88	57.88	1.00		GRD	MG	lt	gn				PHC	3.00	<20	<15	sph	<80		MASSIVE SULPHIDE VEIN in moderate phyllic envelope (see secondary structures log)
																		gn	<20		
																			<15		
82.59	129.06	46.47					GRD	MG	md	gn	ma			PHC	4.00						GRANODIORITE - PHYLLIC + ARGILLIC ALTERATION with mineralized breccia zone. Strong phyllic and argillic alteration (phyllic > argillic). Minor intervals of unaltered to weak potassic altered granodiorite. With quartz+/- carbonate veinlets frequent
									lt	gy	pa			ARG	4.00						
			82.59	85.65	3.06				md	gn	ma			PHC	3.00						GRANODIORITE - PHYLLIC ALTERATION w/ 50 cm of argillic ?overprint? Comb quartz vein 1cm wide; midline is milky white quartz
										wh	pa			ARG	3.00						
			85.65	92.06	6.41	mKgW	GRD	MG						PHC	2.00						UNALTERED GRANODIORITE with sheeted grey quartz+/-carbonate veinlets. Phyllic envelopes around veinlets (<8cm)
			92.06	99.67	7.61																
			99.95	108.36	8.41	mKgW	GRD	MG	md	gn	en			PHC	4.00						MINERALIZED ZONE. Strong phyllic altered granodiorite with 1.75m zone of sulphide mineralized breccia and veining (see secondary structures log). Zone of mineralized quartz veins in footwall to main zone. Patchy argillic alteration (intense) and potassic overprint (K-felds present) in ~30 cm zones
									dn	gn	bx										
			108.36	114.91	6.55	mKgW	GRD	MG	dk	gy	ma			PHC	3.00						UNALTERED granodiorite with phyllic envelopes (8cm) around milky white quartz-carbonate veinlets 50 degrees to core axis. 10 veinlets total.
									lt	gn											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			114.91	129.06	14.15	mKgW	GRD	MG	lt	gn	pa			PHC	4.00						PHYLLIC ALTERED granodiorite with sulphide veining. Minor moderate argillic altered zones (10-40cm). Sulphide bearing quartz-carbonate veins present (see secondary structures log). Oxidize fractures from 125.30 - 129.06m.
									dk	gn				ARG	3.00						
129.06	164.03	34.97				mKgW	GRD	MG	md	gy	ma			PHC	3.00						UNALTERED granodiorite. Minor zones of moderate phyllic alteration 10-40cm envelopes around white carbonate veinlets. Weak potassic alteration?
														POT	1.00						
			157.41	158.06	0.65	mKgW	GRD	MG	lt	gn	en			PHC	3.00						PHYLLIC ENVELOPE around three sheeted quartz-carbonate sulphide veins (see secondary structures log)
																					EOH

KLAZA

Hole: KL-DDH-12-120 Logger Name: Nick Bueckert

Depth (m)		DESCRIPTION

KLAZA

Hole: KL-DDH-12-120 **Logger Name:** Nick Bueckert **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
ST	3.35	39.76	30.00		<10/m	Li	50.00	Limonite-calcite stringers; dominant orientation 30 degrees (average) with minor stringers at 0-10 degrees to core axis forming stockwork. Frequent black stringers frequent at top hole 0-5 degrees to core axis	
						Ct	50.00		
GO	29.06	29.97	-					Grey-green clay altered gouge with a sharp boundary to oxidized clay altered gouge	
VN	31.21	31.27	35.00		1.00	Qtz	15.00	Calcite-quartz vein - Banded milky calcite and smoky quartz vein (3.5cm); no mineralization	
						Ct	85.00		
VN	39.67	39.73	35.00		1.00	Py	4.00	Smoky quartz + grey quartz banded vein (2.5 cm) with blebby pyrite (4%) and minor blebby galena (2%); 2 mm elongate vug; trace carbonate; vein weakly oxidized; stockwork black stringers for 25 cm in hanging wall	
						Gn	2.00		
ST-VT	39.76	82.59			10/m			Calcite veinlets and stringers > grey quartz veinlets > quartz-calcite stringers and veinlets (awhich form stockwork veining throughout the interval. No sulphide mineralization	
VN	72.97	73.03	60.00			sph	<80	Vein - massive blackjack sphalerite with semi-massive pyrite and blebby galena (0.5 - 1cm) and blebby arsenopyrite (<5 mm) associated with pyrite	x
						py	<30		
						ga	<20		
						as	<15		
VT	73.03	74.35	35.00		8.00			Veinlets - sheeted white quartz +/- smoky quartz and calcite veinlets in phyllic alteration	
VN	31.60		40.00					Vein <1 cm thick black massive fine-grained sulphide	
VN	57.13	57.22	70.00		1.00	py	8.00	Vein - Grey and white, medium banded (<8 mm) banded vuggy qtz vein hosting blebby py (<8 mm) in weak phyllic envelope 1m wide	
VN	63.55	66.22	45.00		1.00	gn	2.00	Vein + veinlets - Milky white-grey medium banded (5 mm) quartz vein (2 cm) with trace galena (2%). Smoky-grey banded veinlets (<2 mm bands); no mineralization	
VT			80.00		6.00				
VN	83.55	83.72	0.00		1.00	py	8.00	Blebby pyrite, trace honeybrown sphalerite in 1 cm vein-like structure (dilations?)	
						sph	3.00		
VN	85.00	85.01	30.00		1.00			Grey comb quartz vein (1cm) with milky-white midline	
VT	85.65	92.06	55.00		8/m			Grey quartz+/- carbonate veinlets (sheeted)	
VT	92.06	99.07	50.00		3/m			Grey quartz+/-carbonate veinlets (sheeted); decrease in veining frequency	
VN-BX	101.06	102.29	40.00			py	<45	Pyrite-sphalerite-galena+/-arsenopyrite (jamesonite?) hosted in vein + breccia. Siliceous vein (26cm) hosting local semi-massive pyrite, blebby sphalerite (honeybrown) and galena with weak arsenopyrite (or jamesonite - siliver, acicular, disseminated). Vein texture - irregular and 'sulphide banded.' Grey quartz+chlorite (from phyllic altered granodiorite?) present. Breccia zone 76 cm. Clast- to matrix-supported (10-60% matrix) with subangular to angular clasts of phyllic altered granodiorite (<2 cm), blebby galena, and a local zone (8cm) of white carbonate. Gougey phyllic altered zone (13 cm) is followed by blacck breccia (13cm) with disseminated pyrite followed by flow breccia (19cm) hosting black sulphide and blebby pyrite (4%). Flow breccia is followed (downhole) by gougey phyllic altered granodiorite	
						sph	<20		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						gn	<15		
						as	3.00		
VN	102.29	108.36	30-60		7.00	py	<6	Multiple mineralized veinlets and veins. Smokey, grey, and white quartz+/-carbonate veinlets (<8mm) and veins (1-2cm, <8cm) hosting blebby pyrite+/-galena+/-sphalerite and associated with black sulphide. Banded white and smokey quartz vein (8cm) hosts intergrown blackjack and honeybrown sphalerite	
						gn	<4		
						sph	<20		
VN	118.87	118.98	40.00		1.00	py	15.00	White, grey medium banded (<1.5cm) quartz veining hosting black bands of sulphide, blebby pyrite, banded sphalerite (4 mm) and trace galena and arsenopyrite	
						sph	10.00		
VT-VN	118.98	124.16	25-50		8.00	py	4.00	Black and white sulphide-quartz+/-carbonate veinlets and veins (<1.5 cm); weak blebby pyrite mineralization	
VN	124.16	127.70	30.00		2.00	sph	8.00	Two sheeted calcite-quartz veins (~2cm). Lower vein hosts blebby honeybrown sphalerite, pyrite and trace galena	
						py	5.00		
						ga	2.00		
VN	157.73	157.80	45.00		3.00	py	4.00	Three sheeted veins. Black-white medium banded (<7mm) quartz-carbonate-sulphide veins hosting weak, blebby pyrite and trace galena mineralization	
						gn	2.00		
VT	129.06	164.03	60-80		2/m			Decrease in white calcite veinlets. Quartz veinlets commonly occur as two sheeted veinlets with a phyllic envelope	

KLAZA

Hole: KL-DDH-12-120 **Date:**

From (m)	Vo	Vf	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity
							Type	Intensity	Type	Conc. %		
22.1	1500	1680	455.4	282	GRD	MA	PHC	1			2.53	2.626298
31	1500	1640	428.7	267.8	GRD	VN					3.062143	2.664388
49	1500	1725	669.5	414.5	GRD	MA	PHC	3			2.975556	2.62549
65.75	1500	1662	466	298	GRD		PHC	3			2.876543	2.77381
73	1500	1680	628.5	441.9	GRD	BN	PHC	3	sph		3.491667	3.368167
									gn			
									py			
84.43	1480	1695	554.6	343.1	GRD	MA	PHC	3			2.579535	2.622222
102.2	1480	1700	716.6	499.4	VN	BA					3.257273	3.299263
122.8	1480	1670	489.5	304	GRD	MA					2.576316	2.638814
139.29	1480	1675	512.8	321	GRD	MA					2.629744	2.673618
159.5	1480	1710	629.9	399.1	GRD	MA	PHC	3			2.738696	2.729203

KLAZA

DESCRIPTION
Weak phyllic alteration
Oxidized core, calcite-quartz vein
Moderate phyllic alteration
Calcite-quartz veinlets (<8mm) (4 veinlets)
Vein - massive sphalerite with semimassive pyrite, blebby galena
Moderate phyllic altered granodiorite
Pyrite-sphalerite-galena vein (massive sulphide)
Unaltered granodiorite
Unaltered granodiorite
Phyllic alteration with quartz veinlets

KLAZA

Hole: KL-DDH-12-120 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
3.35	6.55	3.20	3.00	93.8	M357001	1				
6.55	8.23	1.68	1.04	61.9	M357002	1				
8.23	12.10	3.87	3.00	77.5	M357003	1				
12.10	16.00	3.90	3.00	76.9	M357004	1				
16.00	19.40	3.40	3.00	88.2	M357005	1				
19.40	22.70	3.30	3.00	90.9	M357006	1				
					M357007	1				KLAZA STANDARD 3
22.70	26.02	3.32	3.00	90.4	M357008	1				
26.02	27.87	1.85	1.44	77.8	M357009	1				
27.87	30.83	2.96	2.00	67.6	M357010	1				
30.83	32.61	1.78	1.60	89.9	M357011	1				
					M357012	1				BLANK
32.61	35.66	3.05	2.40	78.7	M357013	1				
35.66	37.28	1.62	1.40	86.4	M357014	1				
37.28	39.76	2.48	2.44	98.4	M357015	1				
39.76	41.76	2.00	2.00	100	M357016	1				
					M357017	1				1/4 DUPLICATE
41.76	44.81	3.05	2.90	95.1	M357018	1				
44.81	47.85	3.04	2.85	93.8	M357019	1				
47.85	50.90	3.05	3.00	98.4	M357020	1				
50.90	53.95	3.05	3.05	100	M357021	1				
53.95	56.88	2.93	2.84	96.9	M357022	1				
56.88	58.27	1.39	1.19	85.6	M357023	1				
					M357024	1				KLAZA STANDARD 2
58.27	61.41	3.14	3.00	95.5	M357025	1				
61.41	63.53	2.12	2.10	99.1	M357026	1				
63.53	66.22	2.69	2.52	93.7	M357027	1				
66.22	69.19	2.97	2.56	86.2	M357028	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357029	1				COARSE REJECT DUPLICATE
69.19	70.96	1.77	1.77	100	M357030	1				
70.96	72.79	1.83	1.79	97.8	M357031	1				
72.79	73.80	1.01	1.00	99	M357032	1				
					M357033	1				BLANK
73.80	74.94	1.14	1.00	87.7	M357034	1				
74.94	77.83	2.89	2.60	90	M357035	1				
77.83	79.37	1.54	1.37	89	M357036	1				
79.37	82.58	3.21	2.46	76.6	M357037	2				
82.58	83.95	1.37	1.04	75.9	M357038	2				
83.95	85.65	1.70	1.70	100	M357039	2				
85.65	88.85	3.20	3.00	93.8	M357040	2				
88.85	91.67	2.82	2.62	92.9	M357041	2				
91.67	93.57	1.90	1.84	96.8	M357042	2				
93.57	96.62	3.05	2.87	94.1	M357043	2				
					M357044	2				KLAZA STANDARD 1
96.62	100.09	3.47	2.89	83.3	M357045	2				
100.09	101.09	1.00	1.00	100	M357046	2				
101.09	102.35	1.26	1.26	100	M357047	2				
					M357048	2				BLANK
102.35	103.56	1.21	1.21	100	M357049	2				
103.56	104.80	1.24	1.24	100	M357050	2				
104.80	107.48	2.68	2.68	100	M357051	2				
107.48	108.00	0.52	0.50	96.2	M357052	2				Jared approved
					M357053	2				BLANK
108.00	109.00	1.00	1.00	100	M357054	2				
109.00	111.94	2.94	2.58	87.8	M357055	2				
111.94	114.91	2.97	2.78	93.6	M357056	2				
114.91	117.71	2.80	2.59	92.5	M357057	2				
					M357058	2				KLAZA STANDARD 2

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
117.71	118.73	1.02	1.00	98	M357059	2				
118.73	119.73	1.00	1.00	100	M357060	2				
119.73	120.73	1.00	1.00	100	M357061	2				
120.73	123.05	2.32	2.17	93.5	M357062	2				
123.05	124.05	1.00	1.00	100	M357063	2				
124.05	125.20	1.15	1.15	100	M357064	2				
					M357065	2				COARSE REJECT DUPLICATE
125.20	128.06	2.86	2.75	96.2	M357066	2				
128.06	130.88	2.82	2.67	94.7	M357067	2				
130.88	133.98	3.10	3.00	96.8	M357068	2				
133.98	136.98	3.00	3.00	100	M357069	2				
					M357070	2				1/4 DUPLICATE
136.98	140.00	3.02	2.96	98	M357071	2				
140.00	142.34	2.34	2.14	91.5	M357072	2				
142.34	145.39	3.05	3.02	99	M357073	3				
145.39	146.74	1.35	1.35	100	M357074	3				
146.74	149.89	3.15	3.05	96.8	M357075	3				
149.89	153.59	3.70	3.05	82.4	M357076	3				
					M357077	3				KLAZA STANDARD 3
153.59	155.40	1.81	1.50	82.9	M357078	3				
155.40	157.40	2.00	1.96	98	M357079	3				
157.40	158.80	1.40	1.40	100	M357080	3				
158.80	162.05	3.25	2.91	89.5	M357081	3				
162.05	164.03	1.98	1.60	80.8	M357082	3				EOH

KLAZA

Hole: DDH-KL-12-120 **Tech Name: Liz Bueckert** **Date: Aug 25th**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
3.35	5.18	1.83	1.41	77	0.00	0		1	0s	3w	
5.18	8.23	3.05	2.61	86	0.67	22		1	0s	3w	
8.23	11.28	3.05	2.65	87	0.35	11		1	0s	2w	
11.28	14.32	3.04	2.51	83	0.33	11		2	0s	3w	
14.32	17.32	3.00	2.23	74	0.66	22		2	0s	4w	
17.32	20.42	3.10	2.68	86	1.34	43		2	0s	2w	
20.42	23.47	3.05	2.96	97	1.00	33		2	2s	2w	
23.47	26.52	3.05	2.65	87	1.00	33		2	3s	2w	
26.52	29.56	3.04	1.80	59	0.96	32		2	0s	2w	
29.56	32.61	3.05	2.90	95	1.86	61		2	2s	2w	
32.61	35.66	3.05	2.29	75	0.90	30		2	0s	2w	
35.66	38.71	3.05	2.84	93	1.45	48		2	0s	2w	
38.71	41.76	3.05	2.90	95	2.55	84		2	2s	2w	
41.76	44.81	3.05	2.75	90	1.98	65		2	3s	2w	
44.81	47.85	3.04	2.83	93	1.38	45		2	3s	2w	
47.85	50.90	3.05	2.95	97	1.95	64		2	3s	2w	
50.90	53.95	3.05	3.05	100	2.29	75		2	3s	1w	
53.95	56.99	3.04	2.92	96	2.11	69		2	3s	1w	
56.99	60.04	3.05	2.86	94	2.59	85		2	3s	1w	
60.04	63.09	3.05	2.88	94	2.20	72		2	3s	1w	
63.09	66.14	3.05	2.82	92	1.46	48		2	3s	2w	
66.14	69.19	3.05	2.63	86	0.85	28		2	1s	2w	
69.19	72.24	3.05	3.02	99	1.70	56		2	3s	1w	
72.24	75.29	3.05	2.80	92	1.58	52		2	0s	1w	
75.29	78.33	3.04	2.10	69	1.06	35		2	3s	1w	
78.33	81.38	3.05	2.02	66	0.78	26		2	3s	1w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.46	81	0.78	26		2	3s	1w	
84.43	87.48	3.05	2.80	92	1.60	52		2	2s	2w	
87.48	90.53	3.05	2.85	93	1.98	65		2	2s	1w	
90.53	93.57	3.04	2.80	92	1.75	58		2	3s	1w	
93.57	96.62	3.05	2.83	93	1.24	41		2	2s	2w	
96.62	99.67	3.05	2.54	83	0.95	31		1	3s	1w	
99.67	102.72	3.05	2.85	93	0.59	19		2	2s	2w	
102.72	105.77	3.05	2.79	91	0.79	26		2	2s	1w	
105.77	108.81	3.04	3.00	99	1.46	48		2	3s	1w	
108.81	111.86	3.05	2.56	84	1.95	64		2	3s	1w	
111.86	114.91	3.05	2.89	95	2.05	67		2	3s	1w	
114.91	117.96	3.05	2.83	93	1.52	50		2	3s	1w	
117.96	121.01	3.05	3.05	100	2.42	79		2	3s	1w	
121.01	124.06	3.05	2.84	93	2.01	66		2	2s	1w	
124.06	127.10	3.04	2.80	92	1.56	51		2	3s	1w	
127.10	130.15	3.05	2.78	91	1.52	50		2	3s	1w	
130.15	133.20	3.05	3.00	98	2.49	82		2	3s	1w	
133.20	136.24	3.04	2.82	93	2.44	80		2	3s	1w	
136.24	139.29	3.05	2.70	89	1.84	60		2	3s	1w	
139.29	142.34	3.05	2.81	92	2.17	71		2	3s	1w	
142.34	145.39	3.05	2.85	93	2.48	81		2	3s	1w	
145.39	148.44	3.05	2.85	93	1.78	58		2	2s	1w	
148.44	151.49	3.05	2.40	79	1.68	55		2	3s	1w	
151.49	154.53	3.04	2.84	93	2.05	67		2	2s	1w	
154.53	157.58	3.05	2.70	89	1.30	43		2	2s	1w	
157.58	160.03	2.45	2.35	96	1.40	57		2	3s	1w	
160.03	163.67	3.64	2.67	73	0.60	16		2	3s	1w	
163.67	164.03	0.36	0.32	89	0.24	67		2	3s	1w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
EOH 164.03											

KLAZA

Hole: DDH-KL-12-120 **Tech Name: Liz Bueckert** **Date: Aug 25th** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
14.32	17.37	3.05	70.00	0.12	0.00	2.00	2r	2w	
20.42	23.47	3.05	80.00	0.20	0.00	2.00	2r	2W	
26.52	29.56	3.04	40.00	0.29	0.00	1.00	1R	2W	
38.71	41.76	3.05	60.00	0.59	0.00	1.00	1R	2W	
41.76	44.81	3.05	55.00	0.51	0.00	1.00	1R	2W	
47.85	50.90	3.05	40.00	0.22	0.00	1.00	2R	2W	
53.95	56.99	3.04	35.00	0.18	0.00	1.00	2R	2W	
56.99	60.04	3.05	30.00	0.31	0.00	2.00	2R	2W	
60.04	63.09	3.05	55.00	0.24	0.00	2.00	2R	2W	
63.09	66.14	3.05	60.00	0.32	0.00	1.00	2R	2W	
66.14	69.19	3.05	60.00	0.50	0.00	2.00	2R	2W	
69.19	72.24	3.05	80.00	0.36	0.00	2.00	1R	1W	
72.24	75.29	3.05	60.00	0.24	0.00	2.00	2R	2W	
78.33	81.38	3.05	60.00	0.50	0.00	1.00	1r	2w	
81.38	84.43	3.05	40.00	0.24	0.00	1.00	1r		
84.43	87.48	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
87.48	90.53	3.05	55.00	0.53	0.00	1.00	2r	2w	
90.53	93.57	3.04	55.00	0.50	0.00	1.00	2r	2w	
93.57	96.62	3.05	50.00	0.21	0.00	2.00	2r	2w	
96.62	99.67	3.05	0.00						
99.67	102.72	3.05	60.00	0.13	0.00	2.00	2r	1w	
102.72	105.77	3.05	55.00	0.19	0.00	2.00	2r	1w	
105.77	108.81	3.04	75.00	0.14	0.00	1.00	2r	1w	
108.81	111.86	3.05	40.00	0.28	0.00	1.00	1r	1w	
111.86	114.91	3.05	40.00	0.21	0.00	1.00	1r	1w	
114.91	117.96	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
117.96	121.01	3.05	60.00	0.24	0.00	1.00	1r	1w	
121.01	124.06	3.05	0.00						

KLAZA

124.06	127.10	3.04	50.00	0.30	0.00	2.00	1r	1w	
127.10	130.15	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
130.15	133.20	3.05	80.00	0.32	0.00	2.00	2r	1w	
133.20	136.24	3.04	50.00	0.33	0.00	1.00	1r	1w	
136.24	139.29	3.05	60.00	0.35	0.00	1.00	1r	1w	
139.29	142.34	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
142.34	145.39	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
145.39	148.44	3.05	30.00	0.30	0.00	2.00	2r	1w	
148.44	151.49	3.05	0.00						
151.49	154.53	3.04	25.00	0.46	0.00	2.00	2r	1w	
154.53	157.58	3.05	65.00	0.30	0.00	1.00	1r	1w	
157.58	160.03	2.45	0.00	0.00	0.00	0.00	0.00	0.00	
160.03	164.03	4.00	0.00		0.00	0.00	0.00	0.00	
164.03 eoh									

KLAZA

Hole: KL-DDH-12-120 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00	9.27	
5.00	7.26	
6.00	16.20	
7.00	14.30	
8.00	8.82	
9.00	15.00	
10.00	3.76	
11.00	11.90	
12.00	0.69	
13.00	0.58	
14.00	0.29	
15.00	0.36	
16.00	7.81	
17.00	8.14	
18.00	10.30	
19.00	3.51	
20.00	7.28	
21.00	13.00	
22.00	15.00	
23.00	0.95	
24.00	10.40	
25.00	51.70	
26.00	23.40	
27.00	16.90	
28.00	10.90	
29.00	2.26	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.10	
31.00	0.20	
32.00	0.10	
33.00	0.20	
34.00	0.62	
35.00	0.86	
36.00	0.76	
37.00	0.51	
38.00	1.31	
39.00	0.16	
40.00	0.29	
41.00	10.90	
42.00	0.16	
43.00	0.53	
44.00	15.50	
45.00	0.43	
46.00	4.22	
47.00	4.00	
48.00	0.47	
49.00	0.76	
50.00	0.16	
51.00	0.03	
52.00	0.47	
53.00	5.41	
54.00	0.84	
55.00	10.20	
56.00	20.10	
57.00	0.67	
58.00	1.28	
59.00	4.64	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.15	
61.00	16.00	
62.00	13.10	
63.00	23.30	
64.00	0.27	
65.00	0.80	
66.00	1.50	
67.00	0.18	
68.00	10.40	
69.00	1.79	
70.00	1.61	
71.00	10.00	
72.00	6.77	
73.00	1.22	
74.00	1.90	
75.00	16.80	
76.00	14.90	
77.00	0.47	
78.00	0.65	
79.00	0.12	
80.00	4.46	
81.00	0.84	
82.00	16.50	
83.00	0.80	
84.00	0.51	
85.00	0.27	
86.00	11.20	
87.00	14.50	
88.00	12.20	
89.00	5.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.43	
91.00	8.41	
92.00	0.80	
93.00	0.78	
94.00	1.48	
95.00	2.14	
96.00	0.18	
97.00	0.60	
98.00	0.10	
99.00	0.10	
100.00	0.29	
101.00	0.40	
102.00	0.16	
103.00	0.10	
104.00	1.31	
105.00	0.47	
106.00	0.18	
107.00	4.48	
108.00	0.10	
109.00	2.50	
110.00	3.75	
111.00	6.18	
112.00	9.99	
113.00	1.50	
114.00	1.59	
115.00	4.28	
116.00	0.29	
117.00	0.14	
118.00	0.49	
119.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.12	
121.00	0.03	
122.00	0.10	
123.00	8.23	
124.00	0.20	
125.00	0.10	
126.00	0.67	
127.00	0.31	
128.00	1.39	
129.00	18.00	
130.00	6.89	
131.00	17.30	
132.00	17.60	
133.00	6.22	
134.00	21.40	
135.00	2.74	
136.00	22.00	
137.00	15.90	
138.00	19.00	
139.00	19.70	
140.00	23.20	
141.00	12.80	
142.00	19.30	
143.00	12.80	
144.00	10.20	
145.00	18.90	
146.00	1.35	
147.00	7.53	
148.00	14.30	
149.00	20.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	21.00	
151.00	1.62	
152.00	23.10	
153.00	21.40	
154.00	3.53	
155.00	11.00	
156.00	4.86	
157.00	7.15	
158.00	2.34	
159.00	0.54	
160.00	17.70	
161.00	4.94	
162.00	0.60	
163.00	9.42	
164.00	7.61	
	EOH @ 164.03	

KLAZA

Hole: DDH-KL-12-120 **Date: aug 29th**

Box #	From (m)	To (m)
1	3.35	8.37
2	8.37	13.40
3	13.40	18.79
4	18.79	24.10
5	24.10	30.39
6	30.39	35.95
7	35.95	41.10
8	41.10	46.31
9	46.31	52.08
10	52.08	57.41
11	57.41	63.25
12	63.25	68.85
13	68.85	74.50
14	74.50	80.05
15	80.05	85.80
16	85.80	91.11
17	91.11	96.67
18	96.67	102.67
19	102.67	106.60
20	106.60	111.94
21	111.94	173.13
22	173.13	122.40
23	122.40	127.64
24	127.64	133.32
25	133.32	138.08
26	138.08	144.42
27	144.42	149.99
28	149.99	155.12
29	155.12	160.40
30	160.40	164.03 EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383462.85	6889250.1	1394.68	514.2

ZONE: Klaza

SECTION:

HOLE: KL-DDH-12-121

CLAIM: YD09227

Contractor: Swift Sure

Drill: 1

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 23rd - Aug 29th, 2012

Geology logged by: Teresa Cruz

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.68	2.68	OVB	Overburden
2.68	9.75	7.07	GRD	HQ casing through unaltered granodiorite.
9.75	85.68	75.93	GRD	Strong phyllic with moderate oxidation.
85.68	86.57	0.89	FEL	Quartz feldspar porphyry dyke.
86.57	93.52	6.95	GRD	Gouged-rubbly argillic-phyllic mottled granodiorite.
93.52	178.06	84.54	GRD	Weak-moderate propyllitic with patches of PHC/ARG
178.06	187.52	9.46	GRD	Moderate phyllic with smoky quartz breccias.
187.52	236.35	48.83	GRD	Moderate propyllitic with hematite and silica flooding.
236.35	243.73	7.38	GRD	Moderate phyllic with quartz-chalcedony-carbonate v
243.73	287.58	43.85	GRD	Weak-moderate propyllitic with patches of PHC/ARG
287.58	317.03	29.45	GRD	Weak-moderate argillic-phyllic overprints.
317.03	381.06	64.03	GRD	Weak-moderate propyllitic with patches of PHC/ARG
381.06	382.9	1.84	FEL	Quartz feldspar porphyry dyke.
382.90	414.95	32.05	GRD	Weak-moderate propyllitic with patches of PHC/ARG
414.95	422.23	7.28	FEL	Quartz feldspar porphyry dyke.
422.23	464.82	42.59	GRD	Moderate propyllitic with patches of PHC/ARG.
464.82	496.07	31.25	GRD	Moderate-strong phyllic with patchy ARG/PRO.
496.07	514.2	18.13	GRD	Moderate argillic with patchy PRO and silica flooding

SAMPLES

Numbers: N812970-N8123000; N810851-N811000; N812566-N812733

Total: 349

Batch: 121-1 to 121-10

Date Sent:

Certificate:

COMMENTS

EOH @ 514.20m

KLAZA

Hole: KL-DDH-12-121 **Logger Name:** Teresa Cruz **Date: August 26, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
0.00	2.68	2.68					OVB														Overburden
2.68	9.75	7.07				mKgW	GRD	MG	MD	GY	FR	4I									HQ casing though unaltered granodiorite. Very rubbly and oxidized.
										OR	RB										
9.75	59.70	49.95				mKgW	GRD	MG	MD	GY	FR	4I		PHC	4I	1.00		LI	10.00		NQ core: Strongly phyllic with patchy argillic, and phyllic vein envelopes. Strongly oxidized until approximately 22.30m, where recovery becomes competent. Strong oxidation results in granodiorite altering to orange clays and extreme rubble, primarily through a long argillic patch. Propyllitic granodiorite hosts disseminated pyrite (trace) throughout, and is crosscut by quartz-calcite and pyrite veinlets and stringers. Moderate-strong oxide appears in argillic patches beyond 22.30m, and is fracture-limited through the interval.
										OR	RB			ARG	2I						
			11.42	21.82	10.40	mKgW	GRD	MG	MD	GY	FR	4I		ARG	3I	3.00		LI	30.00		Moderate argillic granodiorite with phyllic vein envelopes on crosscutting quartz-carbonate-pyrite veinlets. Strongly oxidized, with reduction to clay and extremely rubbly.
										OR	RB			PHC	2I						
			21.82	31.20	9.38	mKgW	GRD	MG	MD	BL	XL	1I		PHC	4I	1.00					Strongly phyllic blue-green-grey granodiorite with oxide-stained fracture faces. Hosts disseminated pyrite and sericite. Crosscut by quartz-pyrite veinlets.
										GN											
			31.20	34.19	2.99	mKgW	GRD	MG	MD	GY		3I		PHC	4I	1.00					Strongly phyllic granodiorite masked by pervasive oxide staining. Granodiorite is pitted
										OR	RB										
			47.66	50.90	3.24	mKgW	GRD	MG	LT	GY	XL	2I		PHC	2I	2.00					Weakly phyllic granodiorite, crosscut by pyrite-quartz veins with strong phyllic
										GN											
			50.90	54.68	3.78	mKgW	GRD	MG	MD	GY	FT	3I	3I	PHC	4I	3.00					Strong phyllic, moderate silica flooded and oxidized. Oxidation masks alteration and
									LT	OR	RB										
59.70	85.68	25.98				mKgW	GRD	MG	LT	GY	XL	2I	1I	PHC	4I	2.00					Strong phyllic grading to moderate phyllic-argillic with increasing distance from crosscutting veins/veinlets. Oxidation is limited to cracks and fracture faces. Also crosscut by massive pyrite veins and prominent quartz veins, which are sometimes gouged.
									MD	OR	PA			ARG	1I						
85.68	86.57	0.89				LKqP	FEL	FG	LT	TN				CLY	4I						Strongly clay altered quartz feldspar porphyry dyke.
86.57	93.52	6.95				mKgW	GRD	MG	LT	GN	RB			ARG	3I	1.00					Green and pink mottled granodiorite due to overprinting moderate argillic and weak phyllic, caused by crosscutting quartz-pyrite veins/veinlets. More severely gouged granodiorite is rubbly and weakly clay altered, including a short vein zone.
									MD	PK	GO			PHC	2I						
														CLY	2I						
			86.57	87.64	1.07	mKgW	GRD	MG	LT	GN	RB			PHC	3I	5.00					Moderate phyllic overprinting argillic, due to closely spaced crosscutting clay altered quartz veins. Weakly gouged, with weak-moderate clay alteration and rubble.
									MD	PK	GO			ARG	2I						
														CLY	2I						
93.52	101.81	8.29				mKgW	GRD	MG	LT	GN	RB			PRO	2I	2.00					Dominantly weakly propyllitic granodiorite, crosscut by mineralized quartz veins/veinlets with phyllic envelopes. Interval is rubbly and weakly gouged in short intervals. Hosts disseminated pyrite.
									MD	GY	GO			PHC	3I						
			93.52	94.30	0.78	mKgW	GRD	MG	LT	GN	GO			PHC	4I	5.00					Short moderately clay altered strong phyllic subinterval. Crosscut by 7 clay altered quartz veins. Granodiorite and veins host pyrite.
									MD	GY				CLY	3I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
101.81	138.51	36.70				mKgW	GRD	MG	LT	GN	PA			PRO	3I	2.00					Moderately propyllitic granodiorite with patchy-gradational phyllic-argillic vein envelopes. Recovery is weakly rubbly, and granodiorite hosts disseminated pyrite throughout. Granodiorite is crosscut by mineralized quartz-pyrite veins.
									MD	GY	RB			ARG	2I						
														PHC	2I						
			105.77	111.45	5.68	mKgW	GRD	MG	LT	GN				ARG	3I	5.00					Moderate argillic overprinted by weak phyllic, crosscut by mineralized quartz veins hosting disseminated pyrite. Very weakly clay altered throughout.
										GY				PHC	2I						
														CLY	1I						
			112.16	119.72	7.56	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic, with weak pervasive hematite staining, giving a mottled green-red colouration.
										RD				HEM	2I						
			119.72	125.93	6.21	mKgW	GRD	MG	LT	GN	RB		3I	PRO	3I	2.00					Moderate propyllitic with moderate-strong silica flooding, due to crosscutting quartz veins. A rubble section is strongly silicified, to the point of becoming a nearly continuous quartz vein. Disseminated-blebby pyrite throughout.
									MD	GY	FL										
			127.32	128.13	0.81	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic, with weak pervasive hematite staining, giving a mottled green-red colouration.
										RD				HEM	2I						
			134.87	135.63	0.76	mKgW	GRD	MG	LT	GN	XL			PHC	2I	4.00					Weak phyllic overprinting weak argillic, crosscut by quartz veinlets with well-developed strong phyllic envelopes. Disseminated pyrite throughout.
										PK				ARG	2I						
138.51	140.81	2.30				mKgW	GRD	MG	MD	GN	XL		3I	PRO	2I						Weak propyllitic granodiorite with moderate silica flooding, obliterating some of the original textures. Disseminated pyrite throughout. Crosscut by quartz/pyrite veinlets. Strongly gouged fault zone at the end of the interval.
										GY	FL			CLY	2I						
											GO										
			140.13	140.81	0.68	mKgW	GRD	MG	LT	GN	RB			PRO	2I	1.00					Fault zone through weak propyllitic granodiorite, with gouged border hosting granodiorite clasts and significant rubble. Hosts disseminated pyrite.
										GY	GO			CLY	3I						
140.81	156.98	16.17				mKgW	GRD	MG	MD	GN	XL			PRO	3I			HE	6.00		Moderate propyllitic granodiorite with patchy argillic alteration around grey quartz veinlets/stringers. Red hematite staining/alteration throughout, giving a slightly mottled red-green-white colouration. Also, crosscut by occasional pyrite stringers. Overall, a relatively uninteresting interval, likely a transition between two mineralized phyllic intervals.
									DK	RD	PA			HEM	1I						
										WH				ARG	2I						
156.98	164.47	7.49				mKgW	GRD	MG	MD	GN	XL		2I	ARG	2I	3.00					Dominantly weak argillic, continuous overprinted by weak phyllic granodiorite. Short patches of moderate-strong propyllitic, especially rich in dark green chlorite. Weak silica flooding throughout, resulting in white quartz eyes. Short patches of moderate silica flooding cause destruction of original textures. Disseminated pyrite is found throughout. Crosscutting quartz veinlets also host disseminated pyrite.
									DK	GY	PA			PRO	2I						
														PHC	2I						
			158.73	160.81	2.08	mKgW	GRD	MG	DK	GN	XL		2I	PRO	4I	5.00					Dark green, strongly propyllitic granodiorite, crosscut by two white quartz veins. Disseminated pyrite is hosted throughout.
											FL										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
164.47	171.91	7.44				mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic granodiorite, overprinted by weak phyllic. Patchy propyllitic makes a long dark green section. Granodiorite is crosscut by white quartz veins and veinlets, and a short breccia.
										PK	PA			PHC	2I						
														PRO	2I						
			168.36	169.72	1.36	mKgW	GRD	MG	DK	GN	XL			PRO	4I	5.00					Dark green propyllitic with high concentrations of chlorite crosscut by white quartz veinlets.
171.91	178.06	6.15				mKgW	GRD	MG	MD	GN	XL			PRO	3I			HE	10.00		Moderate propyllitic granodiorite with patchy argillic alteration around grey quartz veinlets/stringers. Red hematite staining/alteration throughout, giving a slightly mottled red-green-white colouration. Also, crosscut by occasional pyrite stringers. Overall, a relatively uninteresting interval, likely a transition between two mineralized phyllic intervals.
									DK	RD	PA			HEM	2I						
														ARG	2I						
178.06	187.52	9.46				mKgW	GRD	MG	MD	GN	XL			PHC	3I	6.00					Dominantly phyllic vein envelopes overprinting weak argillic granodiorite. Quartz veins and smoky quartz breccias are at the centre of the interval, and significant pyrite veinlets are found throughout.
									LT	PK				ARG	2I						
										WH											
			178.06	180.95	2.89	mKgW	GRD	MG	LT	GN	XL			ARG	3I	1.00					Argillic granodiorite overprinted by weak phyllic, crosscut by mineralized quartz veinlets.
										WH				PHC	1I						
			184.58	187.52	2.94	mKgW	GRD	MG	LT	GN	XL			ARG	3I	2.00					Argillic partially overprinted by weak phyllic, crosscut by occasional mineralized quartz veins.
										PK				PHC	1I						
			183.10	183.91	0.81	mKgW	GRD	MG	LT	GY	XL		3I	PHC	4I	8.00					Light grey phyllic envelopes overprinting light grey-white argillic. Crosscut by white quartz veins and prominent pyrite veinlets/veins. Quartz veins produce patchy strong-moderate silica flooding.
											FL			ARG	2I						
187.52	198.36	10.84				mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I	1.00					Moderate propyllitic granodiorite with weak red hematite staining/alteration, giving the rock a mottled green-red appearance. Weak argillic envelopes on fractures, weak silica flooding leading to quartz eye development in patches. Granodiorite hosts disseminated pyrite, frequent fracture pyrite, and is crosscut by quartz-carbonate veins/stringers.
									DK	RD	FR			HEM	2I						
														ARG	1I						
198.36	236.35	37.99				mKgW	GRD	MG	MD	GN	XL		3I	PRO	3I	1.00					Moderate propyllitic granodiorite with weak red hematite staining/alteration, giving the rock a mottled green-red appearance. Weak argillic envelopes on fractures, moderate continuous silica flooding leading to partial obliteration of original granodiorite textures. Lacks argillic envelopes, but has a short argillic-phyllic subinterval. Granodiorite hosts disseminated pyrite, frequent fracture pyrite, and is crosscut by quartz-carbonate veins/stringers.
										RD	FL			HEM	2I						
														ARG	1I						
			230.78	232.59	1.81	mKgW	GRD	MG	LT	GN	XL			ARG	3I						Moderate argillic overprinted by weak phyllic, giving a green-pink mottled colouration. Crosscut by quartz veins/veinlets and pyrite stringers.
										PK				PHC	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
236.35	243.73	7.38				mKgW	GRD	MG	LT	GN	XL			PHC	3I	1.00					Thick phyllic vein envelope that grades outward into argillic. Envelope encompasses several prominent quartz-carbonate-chalcedony veins hosting pyrite and other sulphides. Disseminated pyrite is also hosted throughout the phyllic granodiorite.
										GY				ARG	2I						
			242.69	243.50	0.81	mKgW	GRD	MG	LT	WH	XL			ARG	2I						weak argillic with very weak potassic alteration. Part of the outer vein zone envelope.
										PK				POT	1I						
243.73	250.02	6.29				mKgW	GRD	MG	MD	GN	XL		2I	PRO	2I						Weak propyllitic granodiorite with very weak potassic/hematite alteration giving a green-pink mottled colouration. Silica flooding leads to quartz eyes, but is patchy.
										PK	FL			HEM	1I						
														POT	1I						
250.02	258.93	8.91				mKgW	GRD	MG	MD	GY	XL			POT	2I						Unaltered granodiorite with weak potassic alteration.
										PK											
258.93	287.58	28.65				mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I						Moderate propyllitic granodiorite with patchy silica flooding, and patchy phyllic-argillic alteration from crosscutting vein envelopes. Crosscut by quartz-carbonate veins/veinlets, and pyrite veinlets/stringers.
										GY	FL										
											PA										
			262.57	264.33	1.76	mKgW	GRD	MG	MD	GN	XL		3I	PRO	4I	3.00					Strong propyllitic with high concentration of dark green chlorite and moderate silica flooding causing quartz eyes. Crosscut by quartz-carbonate veinlets with narrow phyllic envelopes.
									DK	GY	FL										
			264.33	265.98	1.65	mKgW	GRD	MG	MD	GN	XL		2I	ARG	3I	8.00					Moderate argillic and strong phyllic vein envelopes that overlap and grade outward into argillic. Granodiorite and veins host disseminated-blebby pyrite. Weakly silica flooded, with occasional quartz yes.
										GY	FL			PHC	4I						
										BL											
			270.47	274.79	4.32	mKgW	GRD	MG	MD	GN	XL			PHC	3I						Phyllic overprinted argillic, phyllic is stronger at the outer margins of the subinterval. Centre of the subinterval is more clearly phyllic overprinting argillic and is fractured, with weak clay alteration.
									LT	GY	FR			ARG	3I						
											FL			CLY	2I						
287.58	311.34	23.76				mKgW	GRD	MG	LT	GN	XL			ARG	2I	2.00					Generally weak argillic and phyllic overprinting each other, except for several patches of strong phyllic in vein envelopes. Interval is crosscut by quartz, carbonate, and pyrite veins/veinlets, and a few short gouge sections. Granodiorite hosts disseminated pyrite throughout. Overall colour is green-grey, but is green-pink in rare short patches. Gouge is most common near/in thicker quartz veins or closely spaced quartz veinlets.
										GY	PA			PHC	2I						
			289.01	290.28	1.27	mKgW	GRD	MG	MD	BL	XL		3I	PHC	4I	5.00					Strong phyllic granodiorite near crosscutting quartz veins. Subinterval includes two prominent quartz veins that have been significantly gouged. Disseminated-blebby pyrite is hosted in granodiorite and veins. Moderate silica flooding throughout, obliterating textures.
										GY	FL			ARG	1I						
														CLY	1I						
311.34	317.03	5.69				mKgW	GRD	MG	LT	GN	XL			ARG	4I						Strong argillic, with weak propyllitic overprint of dark green chlorite, giving a mottled green-pink colouration. Crosscut by quartz-carbonate veinlets.
										PK				PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
317.03	349.31	32.28				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic granodiorite with patchy argillic and phyllic alteration. Interval is crosscut by quartz-carbonate veins/veinlets, and by several very thick (>30cm) quartz veins. Three intervals of strongly gouged granodiorite indicate probable fault zones.
										PK	PA			ARG	2I						
														PHC	2I						
			325.10	327.26	2.16	mKgW	GRD	MG	LT	WH	RB			ARG	3I						Faulted, rubbly-friable moderate argillic granodiorite.
										GY	FR										
			327.89	328.48	0.59	mKgW	GRD	MG	LT	WH	XL			PHC	4I	2.00					Weak argillic overprinted by strong grey-white phyllic. Hosts disseminated pyrite and is crosscut by mineralized quartz veins.
										GY				ARG	2I						
			329.47	332.02	2.55	mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I						Moderate propyllitic crosscut by two quartz veins so thick, they compose 75% of the interval.
									LT	GY	FL										
			337.94	339.87	1.93	mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic overprinting very weak argillic alteration, crosscut by mineralized quartz veins.
										PK				ARG	2I						
			342.00	343.86	1.86	mKgW	GRD	MG	LT	GN	XL			PHC	3I	2.00					Moderate propyllitic overprinting weak argillic, crosscut by a thick white massive quartz vein. Faulted-fractured where not cut by the vein. Hosts disseminated pyrite.
										GY	FR			ARG	1I						
349.31	353.55	4.24				mKgW	GRD	MG	LT	GN	XL			ARG	2I	2.00					Weak-moderate argillic overprinted by weak phyllic. Crosscut by mineralized quartz veins, and a possible fault zone due to rubble and gouge. Hosts disseminated pyrite.
										WH	RB			PHC	2I						
353.55	360.54	6.99				mKgW	GRD	MG	MD	GN	XL			PRO	3I	2.00					Moderate propyllitic with patchy argillic and phyllic vein envelopes, crosscut by mineralized quartz veins and gouge. Gouge and common fracturing indicate possible faulting. Granodiorite hosts disseminated pyrite.
									LT	GY	PA			ARG	2I						
											FR			PHC	2I						
			355.91	357.89	1.98	mKgW	GRD	MG	LT	GN	RB			ARG	3I	3.00					Rubbly and gouged moderate argillic overprinted by strong phyllic near crosscutting veins. Hosts disseminated pyrite.
										WH	GO			PHC	4I						
			359.98	360.54	0.56	mKgW	GRD	MG	LT	GN	GO			PHC	4I	6.00					Strong phyllic vein envelope that grades out into weak argillic. Hosts disseminated pyrite and is crosscut by mineralized quartz veins.
										WH				ARG	2I						
360.54	364.43	3.89				mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I	1.00					Moderate propyllitic granodiorite with weak silica flooding near crosscutting quartz veinlets.
										PK	FL				2I						
364.43	381.06	16.63				mKgW	GRD	MG	MD	GN	RB			PRO	3I						Dominantly moderate propyllitic overprinted by patches of phyllic and argillic, with two intervals of intense rubble and gouge development. Hosts disseminated pyrite, and crosscut by significantly mineralized quartz veins.
									LT	GY	GO			PHC	2I						
											PA			ARG	2I						
			366.77	368.95	2.18	mKgW	GRD	MG	LT	GN	RB			PHC	4I	8.00					Strong phyllic subinterval with many significantly mineralized quartz veins. Very rubbly and gouged, hosting disseminated-blebby pyrite throughout.
										GY	GO										
			372.29	373.14	0.85	mKgW	GRD	MG	LT	GN	RB			PHC	4I	4.00					Strong phyllic subinterval with many few mineralized quartz veins. Very rubbly and gouged, hosting disseminated-blebby pyrite throughout.
										GY	GO										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
381.06	382.90	1.84				LKqP	FEL	FG	LT	GN	PO			SER	2I						Light green quartz feldspar porphyry dyke, with mineralized dyke selvedges and a short rubble section. Feldspar crystals are sericite altered.
											RB										
382.90	385.82	2.92				mKgW	GRD	MG	MD	GN	XL			PRO	3I						Moderate propyllitic overprinting weak argillic, crosscut by quartz veinlets with phyllic-argillic envelopes.
										GY				ARG	2I						
385.82	392.09	6.27				mKgW	GRD	MG	MD	GN	XL			PHC	3I	3.00					Weak argillic overprinted by weak phyllic at outer margins of the interval, with a strong phyllic interval in the middle. Hosts disseminated pyrite throughout, and crosscut by quartz-pyrite veins/veinlets.
									LT	GY				ARG	2I						
			386.61	387.53	0.92	mKgW	GRD	MG	MD	GY	XL		3I	PHC	4I	15.00					Strong phyllic due to overlapping vein envelopes. Moderate silica flooding sourced from the crosscutting quartz veins. Quartz veins are closely spaced, and often paralleled/crosscut by pyrite veinlets.
											FL										
392.09	414.95	22.86				mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I	7.00					Moderate propyllitic with gradational phyllic-argillic vein/veinlet envelopes producing short patches of argillic-phyllic alteration. Crosscut by quartz-pyrite veins, with a short black siliceous breccia. Patchy silica flooding varies between quartz eyes and texture-obliterating flooding. Propyllitic chlorite content changes from low to high.
										GY	FL			ARG	1I						
														PHC	2I						
414.95	422.23	7.28				LKqP	FEL	FG	LT	GN	PO			SER	2I						Quartz feldspar porphyry dyke with mineralized brecciated dyke selvedges. Feldspar phenocrysts are sericite altered.
422.23	452.66	30.43				mKgW	GRD	MG	MD	GN	XL		2I	PRO	3I	8.00					Moderate propyllitic granodiorite with disseminated pyrite and fracture pyrite throughout. Black tourmaline (schorl) is found in limited patched. Recovery is rubbly following the quartz feldspar porphyry contact, and in a probably fault zone. Silica flooding is patchy, and most commonly seen as white quartz eyes. Granodiorite is crosscut by frequent quartz-pyrite veinlets/veins and siliceous breccias. Quartz veinlets have phyllic-argillic envelopes of varying strength.
										GY	RB			ARG	2I						
														PHC	2I						
			432.08	434.79	2.71	mKgW	GRD	MG	LT	GN	GO			PRO	3I	8.00					Moderate propyllitic with patchy phyllic granodiorite is very rubbly, with short gouge interval. Hosts disseminated pyrite throughout, and the broken remains of mineralized quartz veins.
										GY	FR			PHC	2I						
														CLY	2I						
			447.11	447.39	0.28	mKgW	GRD	MG	LT	BL	XL			PHC	4I	15.00					Strong phyllic overprinted weak argillic crosscut by quartz-pyrite-chalcopyrite veinlets and a narrow gouge section disseminated-blebby pyrite throughout.
										WH				ARG	2I						
			450.10	450.82	0.72	mKgW	GRD	MG	LT	GN	XL			PHC	2I	3.00					Moderate argillic overprinted by weak phyllic, crosscut by mineralized quartz veinlets. Disseminated pyrite throughout.
										WH				ARG	3I						
452.66	456.06	3.40				mKgW	GRD	MG	MD	GN	XL			ARG	3I	3.00					Moderate argillic overprinted by weak phyllic, crosscut by mineralized quartz veinlets and a short gouge section. Patches of dark green chlorite-rich propyllitic alteration. Disseminated pyrite throughout.
									LT	WH				PHC	2I						
														PRO	2I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)	Photo	
456.06	464.82	8.76				mKgW	GRD	MG	MD	GN	XL			PRO	3I	3.00					Moderate phyllic-argillic granodiorite due to overlapping vein envelopes. Moderate silica flooding partially obscures granodiorite textures. Crosscut by quartz-pyrite veinlets, and occasional white calcite veinlets. Disseminated pyrite throughout the granodiorite.
										GY	FL			ARG	2I						
											PA			PHC	2I						
			463.16	464.12	0.96	mKgW	GRD	MG	MD	GN	FL		5I	PRO	3I	30.00		EP	15.00		Moderate propyllitic granodiorite that is intensely silica flooded, so all original textures are obliterated. Pyrite and bright green epidote is blebby throughout the semitranslucent flooded granodiorite. Final third of subinterval is totally recrystallized black tourmaline.
									DK	BK								TO	20.00		
464.82	472.69	7.87				mKgW	GRD	MG	MD	GN	XL		3I	PHC	3I	2.00					Moderate phyllic-argillic granodiorite due to overlapping vein envelopes. Moderate silica flooding partially obscures granodiorite textures. Crosscut by quartz-pyrite veinlets, and occasional white calcite veinlets. Disseminated pyrite throughout the granodiorite.
									LT	WH	FL			ARG	2I						
472.69	496.07	23.38				mKgW	GRD	MG	MD	GN	XL		4I	PHC	4I	6.00					Moderate-strong phyllic, with patchy argillic and very weak propyllitic. Hosts a significant vein zone (472.69-481.80m) and a thick rubbly-fault zone (483.72-493.20m). Strongly mineralized quartz veins tend to be strongly silicified, and there is moderate-strong silica flooding throughout. Rare patches of pink potassic alteration.
									LT	GY	RB			ARG	2I						
										WH	FL			PRO	1I						
											PA			POT	1I						
			473.59	476.34	2.75	mKgW	GRD	MG	LT	GN			3I	SER	4I	8.00					Fine grained sea foam green interval of silica-sericite altered granodiorite. Crosscut by quartz-pyrite veinlets.
			492.86	496.07	3.21	mKgW	GRD	MG	LT	GY	XL		3I	ARG	3I	6.00					Moderate argillic with phyllic vein envelope overprints. Crosscut by quartz-carbonate-pyrite veinlets and stringers. Moderate silica flooding results in weak masking of granodiorite textures. Disseminated pyrite throughout the granodiorite.
										WH	FL			PHC	1I						
496.07	514.20	18.13				mKgW	GRD	MG	LT	GY	XL		3I	ARG	3I	5.00					Moderate argillic with patchy propyllitic alteration, and continuous silica flooding, ranging from quartz eyes to texture obliteration. Crosscut by quartz-carbonate-pyrite veinlets and veins. Disseminated pyrite throughout.
									MD	GN	FL			PRO	2I						
											PA										
			501.19	503.65	2.46	mKgW	GRD	MG	DK	BK	FL					8.00		EP	8.00		Black siliceous dyke, crosscut by pyrite veinlets/stringers and disseminated epidote. Sharp 60 degree contacts with granodiorite.
										GN											
																					EOH @ 514.20m

KLAZA

Hole: KL-DDH-12-121 Logger Name: Teresa Cruz Date: August 26, 2012

Depth (m)		DESCRIPTION
85.68		Moderately gouged 70 degree sharp, undulatory contact between Hanging Wall (HW) phyllic granodiorite and Foot Wall (FW) quartz feldspar porphyry
86.57		Moderately gouged 45 degree sharp, planar contact between HW quartz feldspar porphyry dyke and FW clay altered gouged phyllic granodiorite.
381.06		70 degree sharp planar contact with moderately gouged between HW granodiorite and FW quartz feldspar porphyry dyke. Mineralized dyke selvedge is brecciated with strong pyrite contact.
382.90		Strongly gouged 50 degree undulatory contact between HW quartz feldspar porphyry dyke and FW granodiorite with brecciated mineralized dyke selvedge.
414.95		35 degree blended undulatory contact between HW granodiorite and FW clay altered quartz feldspar porphyry dyke with flow banded chill margin 3 cm thick.
422.23		70 degree sharp undulatory contact between HW quartz feldspar porphyry dyke and FW granodiorite. Weakly mineralized dyke selvedge.
501.19		60 degree sharp contact between HW granodiorite and FW siliceous dyke.
503.65		60 degree sharp contact between HW siliceous dyke and FW granodiorite.
		EOH

KLAZA

Hole: KL-DDH-12-121 **Logger Name:** Teresa Cruz **Date:** August 26, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	19.83	23.44	60.00		24.00	PY	10.00	24 white quartz veinlets hosting disseminated-blebby pyrite, within the veinlets or in their narrow, grey, very strong phyllic envelopes.	
VN	20.36	20.38	75.00			PY	20.00	White crystalline quartz vein hosting blebby-massive pyrite at its centre. Orange-stained by oxidation.	
VN	20.54	20.70	70.00		3.00	PY	15.00	3 vuggy-crackles, lightly orange oxide-stained white quartz veinlets. Hosts disseminated-blebby pyrite, with strong grey phyllic envelopes.	
VN	24.22	24.23	75.00			PY	6.00	White weakly banded quartz-calcite vein with weak oxide-staining at band edges and hosting disseminated pyrite.	
VT	24.66	24.81	70.00		2.00	PY	10.00	2 white massive quartz-carbonate veinlets hosting disseminated-blebby pyrite with weak oxide staining.	
VT	24.98	25.08	45.00		5.00	PY	15.00	5 grey translucent quartz veinlets hosting disseminated-blebby pyrite with very strong phyllic envelopes.	
VT	25.30	25.31	35.00			PY	15.00	White-grey semitranslucent irregular quartz veinlet, hosting disseminated-blebby pyrite.	
VT	25.64	28.26	50.00		19.00	PY	20.00	19 white translucent quartz veinlets with grey very strong phyllic envelopes. Veinlets have weak orange oxide staining and hosts blebby pyrite and discontinuous pyrite stringers at their centres.	
VT	26.52	27.11	40.00		2.00			2 oxidized pyrite veinlets, with brown oxide-staining on outer borders and vug development.	
VT	28.78	30.74	70.00		11.00	PY	20.00	11 grey translucent quartz veinlets hosting disseminated-blebby pyrite with very strong phyllic envelopes.	
GO	32.02	32.23	65.00			PY	6.00	Weakly gouged phyllic granodiorite, with pervasive oxide-staining and disseminated-blebby pyrite.	
FT	32.23	33.41	80.00			PY	6.00	Fault zone (possible) with short gouge patches and strong rubble development. Moderate-strong oxidation staining throughout. Hosts disseminated pyrite.	
VT	33.45	33.46	75.00			PY	8.00	White-grey semitranslucent quartz veinlet with weak orange oxide staining and disseminated pyrite.	
VT	33.96	33.97	70.00			PY	40.00	White massive-banded quartz veinlet hosting blebby-massive pyrite.	
ST	34.11	34.22	30.00		2.00	PY	20.00	Two white quartz stringers with disseminated pyrite and weak oxide-staining.	
VT	35.35	36.29	60.00		13.00	PY	10.00	White-grey semitranslucent quartz veinlet with weak orange oxide staining and disseminated pyrite.	
VN	36.21	36.23	75.00					Massive pyrite vein with strong phyllic envelope with <1mm sericite crystals.	
VT	36.94	40.57	80.00		20.00	PY	15.00	20 white irregular quartz veinlets with moderate brown oxide-staining, hosting disseminated pyrite. Veinlet frequency decreases downhole.	
VT	41.39	41.53	60.00		3.00	PY	7.00	3 white massive semitranslucent quartz veinlets approximately 5-7mm thick, hosting disseminated-blebby pyrite.	
VN	44.83	44.95	80.00		3.00	PY	80.00	3 white massive semi translucent quartz veins hosting blebby-massive pyrite, that almost fully replaces quartz.	
VN	44.96	45.00	30.00					Massive pyrite vein, that loses density towards its edges.	
VN	45.17	45.22	90.00			PY	75.00	Vuggy-comb white quartz veinlet, with interstitial white carbonate, adjacent to a 3-4cm thick massive pyrite veinlet with larger crystals at the centre and decreasing crystal density towards edges of vein.	
VT	45.29	47.62	65.00		19.00	PY	20.00	19 white irregular quartz veinlets with moderate brown oxide-staining, hosting disseminated pyrite. Veinlet frequency decreases downhole.	
VN	46.46	46.49	70.00			PY	80.00	3cm thick grey massive semitranslucent quartz vein, with central massive pyrite vein 2.5cm thick.	
VT	47.93	47.94	75.00			PY	15.00	White-grey undulatory-banded quartz veinlet hosting disseminated pyrite, and crystals of grey-blue metallic mineral, soft with silver-blue-purple streak. Most likely galena, but possibly molybdenite.	
						GN	1.00		
VT	48.62	48.64	80.00					Pyrite veinlet with smoky quartz stringers.	
VN	48.95	48.99	80.00			PY	40.00	White cloudy-opaque massive quartz vein with blebby-massive interstitial pyrite.	
ST	49.05	50.42	20.00		8.00	PY	8.00	8 low angle white quartz stringers with distinct 3mm very strong phyllic envelopes, and hosts disseminated pyrite.	
VT	49.29	50.78	80.00		9.00	PY	10.00	9 white irregular quartz veinlets with moderate brown oxide-staining, hosting disseminated pyrite. Veinlet frequency decreases downhole.	
FT	50.90	52.70	60.00			PY	4.00	Rubbly-gouged fault zone crosscut by several quartz veinlets that silica flood the granodiorite. Hosts disseminated-blebby pyrite.	
GO	52.83	52.92	50.00			PY	6.00	Moderately gouged granodiorite crosscut by 3 pyrite-bearing quartz veinlets. Pyrite is disseminated-blebby.	
VT	53.02	53.68	25.00		7.00			7 vuggy, strongly oxidized quartz veinlets. Sulphides removed by oxidation.	
VT	53.80	57.08	75.00		21.00	PY	10.00	Massive white quartz veinlets with weak oxide-staining, hosting disseminated pyrite, within narrow and distinct very strong phyllic envelopes.	
VN	56.28	56.29	45.00					Massive-coarse crystalline pyrite vein.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	57.34	57.50	45.00		3.00			A series of 3 massive pyrite veinlets that have been broken to rubble, making exact orientations difficult to determine.	
GO	57.62	57.74	30.00			PY	2.00	Moderately gouged, strongly orange oxide-stained argillic granodiorite hosting disseminated pyrite.	
VT	58.05	60.11	60.00		16.00	PY	15.00	White-grey quartz veinlets hosting disseminated-blebby pyrite.	
VT	58.79	58.80	85.00			PY	6.00	White massive quartz veinlets hosting disseminated-blebby pyrite.	
VN	59.46	59.47	90.00					Discontinuous-undulatory pyrite vein with white quartz stringers.	
VN	60.36	60.38	70.00					Undulatory massive pyrite vein.	
VT	60.46	64.90	50.00		28.00	PY	10.00	Massive white quartz veinlets with weak oxide-staining, hosting disseminated pyrite, within narrow and distinct very strong phyllic envelopes.	
BX	61.57	61.84	80.00			PY	15.00	Smoky quartz vein brecciated by massive white calcite veinlets, with weak-moderate gouge. Hosts disseminated-blebby pyrite throughout. Weak orange oxide staining.	
VN	62.22	62.24	70.00			PY	25.00	White-grey semitranslucent quartz vein with indistinct borders. Hosts disseminated-blebby pyrite and parallel pyrite veinlets.	
VT	63.03	63.04	45.00					Undulatory massive pyrite vein.	
VN	63.19	63.21	75.00			PY	15.00	Grey-white massive weakly clay altered quartz vein hosting disseminated pyrite.	
VN	63.34	63.40	80.00			PY	8.00	Massive white-grey semitranslucent quartz vein hosting disseminated-blebby pyrite.	
VN	64.10	64.24	15.00			PY	10.00	Weakly banded-massive white-grey semitranslucent quartz veins hosting disseminated pyrite. Offset 2.5cm by crosscutting pyrite veinlet.	
VN	65.20	65.24	60.00					Massive pyrite vein that loses crystal density near vein borders.	
VT	65.31	69.70	50.00		29.00	PY	8.00	Massive white quartz veinlets with weak oxide-staining, hosting disseminated pyrite, within narrow and distinct very strong phyllic envelopes.	
VT	66.95	66.97	70.00					Massive pyrite vein with moderate clay alteration.	
VN	68.52	68.54	40.00			PY	6.00	White crustiform-vuggy chalcedony vein with weak oxide-staining with clear massive quartz infilling some vugs, hosting disseminated pyrite.	
VN	69.06	69.20	50.00			PY	40.00	Quartz vein with 3 distinct textures: 3cm vuggy-banded grey-smoky quartz hosting disseminated pyrite, 5cm grey quartz vein brecciated by cream quartz veinlets with interstitial disseminated-massive pyrite and galena, 4cm massive pyrite vein crosscut by grey translucent quartz stringers.	
						GN	10.00		
VT	69.71	69.73	45.00		3.00	PY	15.00	3 white-smoky semi banded quartz veinlets with weak oxide-staining, hosting disseminated-blebby pyrite.	
VT	70.18	79.90	75.00		47.00	PY	20.00	White-grey quartz veinlets with 1cm very strong phyllic envelopes. All veinlets host disseminated-blebby pyrite. Veinlets are at angles greater than 45 degrees, averaging at 75 degrees.	
VN	79.58	79.64	50.00			PY	20.00	White-cream vuggy-crustiform chalcedony-calcite vein hosting disseminated-blebby pyrite.	X
VT	82.34	82.52	60.00		2.00	PY	15.00	White-grey quartz veinlets with 1cm very strong phyllic envelopes. All veinlets host disseminated-blebby pyrite. Veinlets are at angles greater than 45 degrees, averaging at 75 degrees.	
VN	85.18	85.41	30.00			PY	8.00	White-grey massive quartz vein, hosting disseminated-blebby pyrite. Vein is thick with grey quartz near the edges, and white quartz at the central bulk of the vein.	X
VN	85.57	85.61	75.00			PY	75.00	Thick massive white semitranslucent quartz vein hosting blebby-massive pyrite at dyke selvedge.	
GO	86.57	87.68	50.00			PY	7.00	Moderately gouged dyke selvedge crosscut by clay altered quartz veins. Hosts disseminated-blebby pyrite.	
ST	88.17	90.10	70.00		23.00			Fine discontinuous pyrite stringers with narrow grey clay envelopes.	
VN	88.71	88.97	75.00		3.00	PY	25.00	Chaotically banded smoky-grey quartz veins with moderate-weak clay alteration, hosting disseminated-blebby pyrite and discontinuous pyrite veinlets.	
VN	93.53	93.66	35.00		2.00	PY	10.00	2 moderately clay altered white-smoky quartz veins. Hosts disseminated pyrite throughout.	
GO	93.66	94.13	65.00			PY	8.00	Moderate-strongly gouged phyllic granodiorite, hosting disseminated-blebby pyrite. Crosscut by 3 similar quartz veins, detailed in next line.	
VN	93.88	94.12	35.00		3.00	PY	15.00	3 massive-crackled white-grey quartz veins that have been moderately gouged, but still retain their shapes and textures. Hosts disseminated-blebby pyrite throughout, and are crosscut by discontinuous pyrite veinlets.	
VN	94.85	94.90	40.00			PY	4.00	White massive quartz vein hosting disseminated pyrite.	
GO	95.62	95.70	50.00			PY	6.00	Moderately gouged phyllic-argillic granodiorite, crosscut by clay altered grey quartz stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	98.18	105.11	45.00		16.00	PY	6.00	White irregularly banded quartz veinlets hosting disseminated pyrite, and without the phyllic envelope typically associated with these veins.	
VT	99.07	105.94	60.00		14.00	PY	15.00	White-grey quartz veinlets with pyrite stringers-veinlets and disseminated-blebby pyrite. Veinlets have well defined strong phyllic envelopes.	
VN	101.36	101.43	75.00			PY	15.00	Massive white quartz vein with central undulating massive grey quartz veinlet, and a dark bronze-clay altered pyrite veinlet (2mm thick).	
VT	102.73	102.74	45.00					Coarse crystalline white quartz-calcite veinlet.	
GO	106.90	107.28	65.00			PY	10.00	Moderately gouged granodiorite crosscut by the strongly clay altered grey quartz-pyrite veins. Disseminated pyrite throughout.	
VT	107.97	111.37	70.00		26.00	PY	10.00	White-grey quartz veinlets with pyrite stringers-veinlets and disseminated-blebby pyrite. Veinlets have well defined strong phyllic envelopes.	
VN	110.52	110.56	90.00			CP	10.00	Massive pyrite vein with blebby chalcopyrite.	
VN	110.78	110.80	45.00			PY	25.00	Grey-white milky quartz vein, hosting blebby pyrite and discontinuous pyrite veinlets.	
VT	118.47	120.10	45.00		4.00	PY	6.00	White irregularly banded quartz veinlets hosting disseminated pyrite, and without the phyllic envelope typically associated with these veins.	
VT	119.13	121.01	70.00		6.00	PY	10.00	White-grey quartz veinlets with pyrite stringers-veinlets and disseminated-blebby pyrite. Veinlets have well defined strong phyllic envelopes.	
VT	121.01	122.08	50.00		5.00	PY	5.00	Grey semitranslucent quartz veinlets with indistinct borders that flood surrounding granodiorite. Hosts disseminated pyrite.	
VN	122.29	124.05	40.00		2.00	PY	4.00	2 thick, massive grey-white semitranslucent quartz veins with disseminated-blebby pyrite and crosscutting pyrite stringers. Some white quartz eyes. One vein is very rubbly.	
VT	126.63	128.36	65.00		2.00	PY	8.00	Grey semitranslucent quartz veinlets with indistinct borders that flood surrounding granodiorite. Hosts disseminated pyrite.	
VN	128.56	128.58	65.00			PY	30.00	White-grey semitranslucent quartz vein with central cream-white crustiform-vuggy chalcedony veinlet. Parallel pyrite veinlet along the downhole border.	
VT	129.25	129.52	45.00		3.00	PY	25.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, with central discontinuous pyrite veinlets and disseminated-blebby pyrite.	
VT	130.79	135.79	45.00		18.00			White massive calcite veinlets.	
VT	130.97	140.13	40.00		29.00		25.00	Grey-white quartz veinlets with discontinuous pyrite veinlets and disseminated pyrite hosted within. Veinlets have narrow, well defined very strong phyllic envelopes.	
GO	140.13	140.46	30.00			PY	6.00	Strongly gouged phyllic granodiorite, with some large (up to 4cm) clasts. Hosts disseminated pyrite.	
FT	140.46	140.81	45.00			PY	6.00	Friable, heavily fractured granodiorite, hosting disseminated pyrite.	
VT	141.03	151.35	35.00		24.00	PY	15.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, with central discontinuous pyrite veinlets and disseminated-blebby pyrite.	
VN	153.42	153.44	20.00			PY	10.00	White translucent quartz vein hosting blebby pyrite.	
ST	154.82	157.33	60.00		26.00	PY	40.00	White quartz stringers hosting disseminated pyrite and parallel pyrite stringers.	
VN	157.39	157.42	50.00					5cm clay altered pyrite vein.	
VN	157.48	157.52	60.00			PY	15.00	White mossy quartz vein, with parallel smoky quartz vein on uphole border. Smoky quartz hosts disseminated-blebby pyrite. White quartz hosts blebby-disseminated pyrite and a series of interstitial blebs of black crystals with a dark grey streak. Possibly tetrahedrite. Also hosts disseminated arsenopyrite.	
						TT	6.00		
						AS	6.00		
VN	158.50	159.63	25.00		3.00	PY	10.00	3 massive-weakly crustiform white quartz veins, hosting disseminated pyrite, and parallel pyrite stringers/veinlets.	
VT	160.31	165.32	45.00		16.00	PY	10.00	White-grey semitranslucent quartz veinlets with well defined phyllic envelopes, with central discontinuous pyrite veinlets and disseminated-blebby pyrite.	
VN	161.64	161.67	30.00			PY	5.00	White semitranslucent, weakly banded quartz vein hosting disseminated pyrite.	
VN	162.42	162.66	30.00			PY	8.00	Grey-white semitranslucent massive-crackled quartz vein, hosting disseminated pyrite.	
VN	163.06	163.17	30.00			PY	10.00	Grey-white semitranslucent massive-crackled quartz vein, hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	163.17	163.28	30.00			PY	2.00	Moderately gouged moderately clay altered phyllic granodiorite with disseminated pyrite.	
BX	166.96	167.12	80.00			PY	5.00	Cream-grey quartz brecciating phyllic granodiorite into 1-3mm subangular clasts, crosscut by white irregular calcite veinlets/stringers. Hosts disseminated pyrite and trace disseminated arsenopyrite.	
						AS	1.00		
VN	168.33	168.35	70.00			PY	8.00	White-pink massive opaque quartz vein, with weakly crustiform borders. Hosts disseminated-blebby pyrite along each border.	
VT	170.25	170.34	75.00		23.00	PY	6.00	White massive quartz veinlets, hosting disseminated pyrite and lacking the characteristic grey phyllic envelopes.	
VN	175.12	175.14	65.00			PY	10.00	White semitranslucent massive quartz vein, hosting disseminated-blebby pyrite.	
VN	175.78	175.83	55.00			PY	3.00	White-grey semi massive-banded quartz vein, hosting disseminated pyrite.	
VT	177.75	177.79	75.00		6.00	PY	15.00	Two bundles of irregular pyrite veinlets/stringers, hosted within a thick, grey strong phyllic envelope.	
VN	177.97	177.98	85.00			PY	6.00	White-cream banded-crustiform quartz veins hosting disseminated pyrite.	
VT	178.94	178.95	85.00			PY	8.00	Grey massive-crackled irregular quartz veinlet with a central cream quartz veinlet. Hosts disseminated-blebby pyrite.	
VN	179.68	179.72	35.00			PY	30.00	Grey-smoky quartz vein hosting parallel pyrite stringers. Crosscut and weakly brecciated by a 7mm white massive calcite veinlet.	
VN	180.66	180.68	65.00			PY	60.00	Grey translucent quartz vein, hosting interstitial disseminated pyrite and pyrite stringers.	
VT	180.96	181.01	75.00			PY	1.00	Irregular calcite veinlets with trace pyrite.	
BX	181.08	181.30	45.00			PY	4.00	White massive calcite vein brecciating phyllic granodiorite, in close association with a smoky quartz veinlet that follows the white calcite edges.	
BX	181.61	181.65	65.00			PY	6.00	Green phyllic granodiorite brecciated by white massive calcite.	
VN	181.69	181.71	80.00			PY	4.00	Clay altered white quartz vein hosting disseminated-blebby pyrite.	
BX	181.81	181.84	80.00			PY	3.00	Green phyllic granodiorite brecciated by white massive calcite.	
VT	181.98	182.10	75.00			PY	10.00	Black smoky quartz veinlets brecciating granodiorite at irregular angles, and hosting disseminated-blebby pyrite.	
VN	182.25	182.38	85.00			PY	20.00	Black smoky quartz vein that weakly brecciates grey phyllic granodiorite. Crosscut by pyrite stringers/veinlets. Hosts disseminated-blebby pyrite throughout.	x
VT	182.46	183.75	60.00		29.00			Pyrite veinlets consisting of coarse grained crystals. Many veinlets are discontinuous or irregularly branching at many angles (35-90 degrees).	
VT	183.08	183.09	50.00			PY	15.00	Irregularly bordered smoky quartz veinlet, hosting disseminated-blebby pyrite.	
VN	183.15	183.86	70.00		7.00	PY	20.00	White-grey semitranslucent quartz veins hosting disseminated-massive pyrite, with discontinuous veinlets/veins parallel to quartz veins.	
VT	184.10	185.73	50.00		16.00	PY	10.00	White-grey quartz veinlets hosting disseminated pyrite and discontinuous pyrite stringers, with well defined grey strong phyllic envelopes.	
VN	187.73	188.06	10.00					Low angle, white vuggy-massive calcite vein that slightly brecciates green propyllitic granodiorite.	
GO	191.02	191.28	10.00					Weakly gouged propyllitic-hematite altered granodiorite.	
VN	191.32	191.52	5.00			PY	10.00	Very low angle quartz vein that does not intersect core axis. White-grey semitranslucent quartz vein that bleeds into the host rock. Crosscut by discontinuous red hematite stringers. Hosts disseminated-blebby pyrite. Mossy-blebby epidote at vein edges.	
						EP	10.00		
VN	192.12	192.14	30.00			PY	15.00	White semitranslucent quartz vein with blebby pyrite.	
VN	196.43	196.48	40.00			PY	6.00	Weakly defined white semitranslucent quartz vein with disseminated pyrite.	
VN	197.98	198.00	30.00			PY	20.00	Very low angle quartz vein that does not intersect core axis. White-grey semitranslucent quartz vein that bleeds into the host rock. Crosscut by discontinuous red hematite stringers. Hosts disseminated-blebby pyrite. Mossy-blebby epidote at vein edges.	
						EP	15.00		
VT	199.81	200.05	70.00		2.00	PY	10.00	Two white quartz veinlets with parallel red hematite stringers, hosting disseminated pyrite.	
VT	200.32	200.33	90.00			PY	5.00	White massive calcite veinlet crosscut by red hematite stringers and a pyrite stringer.	
						HE	15.00		
VT	202.77	202.85	85.00		2.00	PY	5.00	Two white quartz-carbonate veinlets with disseminated pyrite and disseminated-mossy hematite and epidote along their borders.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						EP	10.00		
						HE	10.00		
VT	203.85	203.86	75.00			PY	30.00	White massive quartz veinlet hosting blebby pyrite.	
VT	206.44	207.51	60.00		7.00	PY	5.00	Seven white quartz-carbonate veinlets with disseminated pyrite and disseminated-mossy hematite and epidote along their borders.	
						EP	10.00		
						HE	10.00		
VN	209.93	209.97	30.00			PY	5.00	Grey opaque massive quartz vein with white quartz eyes, hosting disseminated pyrite.	
VN	210.19	210.28	20.00			PY	4.00	White semitranslucent massive-cream quartz vein with mossy quartz eyes, hosting disseminated pyrite.	
VN	210.31	210.37	35.00			PY	3.00	Massive white calcite vein hosting disseminated pyrite with <1cm red gouge on either side.	
VT	210.98	210.99	70.00			PY	50.00	White quartz-calcite veinlet hosting disseminated-blebby pyrite and a discontinuous pyrite veinlet.	
VT	211.13	211.14	35.00			PY	15.00	White quartz-carbonate veinlet with disseminated-blebby pyrite and disseminated-mossy hematite and epidote along its borders.	
						EP	8.00		
						HE	6.00		
VN	211.70	211.90	20.00			PY	15.00	Low angle undulatory quartz vein that intersects the core axis and outer core face several times. White semitranslucent quartz, with mossy quartz eyes of <5mm throughout. Hosts disseminated-blebby pyrite.	
VT	211.97	213.22	45.00		11.00	PY	10.00	Eleven irregular white semitranslucent quartz veinlets with white mossy quartz eyes. Veinlets at angles ranging 80-25 degrees and often, angles fluctuate within single veinlets. Hosts disseminated-blebby pyrite. Some veinlets significantly flood adjacent granodiorite.	
VN	213.82	213.84	30.00			PY	15.00	White semitranslucent quartz vein with weak coarse crystalline texture and interstitial disseminated-blebby pyrite.	
VN	214.01	214.05	35.00			PY	10.00	White semitranslucent quartz vein with weak coarse crystalline texture and interstitial disseminated-blebby pyrite and white quartz eyes throughout. Irregular calcite veinlet follows the downhole border.	
VN	220.18	220.20	30.00			PY	10.00	White semitranslucent massive quartz vein hosting elongate disseminated-blebby pyrite.	
VN	220.39	220.41	30.00			PY	6.00	White semitranslucent quartz vein with mossy white quartz eyes, hosting disseminated pyrite.	
VN	221.23	221.26	40.00			PY	8.00	White semitranslucent quartz vein with mossy white quartz eyes, hosting disseminated pyrite.	
VN	223.63	223.69	30.00			PY	10.00	White quartz vein with weakly comb borders, and dark green chlorite vein at its centre. Blebby-euhedral cubic pyrite is hosted within the chlorite vein.	x
						EP	3.00		
						CL	35.00		
VT	223.99	224.00	30.00			PY	3.00	White semitranslucent quartz vein with mossy-blebby epidote along the outer edges. Hosts disseminated-blebby pyrite, and disseminated red hematite.	
						HE	25.00		
VT	226.22	226.23	45.00			PY	35.00	White semitranslucent massive quartz vein hosting elongate disseminated-blebby pyrite.	
VN	226.60	226.63	40.00			PY	15.00	White semitranslucent quartz vein with mossy-blebby epidote along the outer edges. Hosts disseminated-blebby pyrite and disseminated red hematite.	
						HE	5.00		
						EP	20.00		
VT	228.47	228.48	45.00			PY	20.00	Grey massive quartz veinlet with parallel white calcite veinlet and lenses of calcite. Hosts disseminated pyrite and red hematite stringers.	
						HE	6.00		
VT	229.20	229.21	20.00			PY	4.00	Undulating white calcite veinlet that hosts disseminated pyrite.	
VT	229.95	229.96	45.00			PY	20.00	White quartz-calcite veinlet hosting disseminated-blebby pyrite.	
VT	231.22	231.23	80.00			PY	15.00	White-crustiform chalcedony-carbonate veinlet, hosting disseminated-blebby pyrite in a well-defined phyllic envelope.	
VT	231.79	231.80	60.00			PY	8.00	Semitranslucent grey quartz veinlet with central lens of white massive calcite and hosting disseminated pyrite.	
GO	231.88	231.91	90.00					Moderately gouged phyllic granodiorite.	
VT	233.00	233.01	75.00			PY	10.00	White massive quartz vein with disseminated-blebby pyrite and red hematite staining.	
						HE	15.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	235.28	235.29	45.00			PY	30.00	White massive quartz-calcite veinlet with an irregular central massive pyrite veinlet.	
VN	236.52	236.57	90.00			PY	15.00	Blended white-grey semitranslucent quartz vein with white calcite. Hosts blebby-disseminated pyrite.	
VN	237.07	237.18	30.00			PY	20.00	Massive white-grey semitranslucent quartz vein with disseminated-blebby pyrite. Crosscut by a 80 degree TCA 4cm white-grey-smoky banded quartz vein hosting disseminated pyrite.	
VT	237.58	237.59	70.00			PY	30.00	White quartz veinlet with blebby pyrite with well developed dark grey phyllic envelope.	
VN	237.67	237.72	85.00			PY	15.00	Thick weakly banded smoky-grey quartz vein with lenses and discontinuous veinlets of white calcite. Hosts disseminated-blebby pyrite.	
GO	278.02	238.75	70.00			PY	6.00	Weakly gouged phyllic granodiorite with disseminated pyrite and quartz veinlets.	
VN	239.12	239.16	70.00			PY	7.00	Grey massive-crackled quartz vein crosscut by many cracks that are filled with white calcite. Hosts disseminated pyrite.	
VN	239.60	239.62	65.00			PY	5.00	Cream crustiform-massive chalcedony-quartz vein hosting disseminated pyrite.	
VT	239.81	239.86	70.00		3.00	PY	3.00	Three white calcite veinlets that split and rejoin each other.	
VN	239.93	240.03	80.00			PY	8.00	Banded grey quartz and cream crustiform chalcedony, that was later brecciated by white massive calcite veinlets. Hosts disseminated-blebby pyrite, and crosscut by pyrite stringers.	x
						CH	40.00		
VN	240.24	240.53	40.00		2.00	PY	6.00	Two identical white massive semitranslucent quartz veins, 1cm and 2cm with thin grey quartz borders and disseminated pyrite.	
VT	240.32	240.33	75.00			PY	30.00	White-grey irregular quartz-pyrite veinlet in a dark grey-green chloritic envelope.	
VT	240.57	240.58	80.00			PY	25.00	White-cream quartz-chalcedony veinlet, with parallel white calcite veinlet and disseminated-blebby pyrite.	
VT	240.69	241.16	40.00		3.00			Three pyrite veinlets with narrow, well-developed grey translucent phyllic envelopes.	
VN	241.84	241.87	60.00			PY	8.00	Cream chalcedony vein with interstitial white calcite, and an adjacent white calcite veinlet. Chalcedony is weakly crustiform, and disseminated pyrite is hosted in its phyllic envelope.	
VN	241.24	241.26	40.00			PY	8.00	White semitranslucent massive quartz vein, hosting disseminated pyrite.	
VN	241.46	241.47	85.00			PY	15.00	Cream chalcedony vein with blebby pyrite and white calcite veinlet.	
VN	241.75	242.03	30.00		2.00	PY	8.00	Two irregular white-cream massive quartz-calcite veins, bordered by dark grey finely ground pyrite <1mm thick.	
VN	242.65	242.67	70.00			PY	20.00	White-grey massive-weakly banded quartz vein hosting white calcite lenses, disseminated-blebby pyrite and pyrite stringers.	
VT	243.54	243.69	60.00		2.00	PY	15.00	Two white-grey banded quartz veinlets with white calcite veinlets, and disseminated-blebby pyrite.	
VT	244.42	244.43	80.00			PY	20.00	White calcite veinlet with dark grey quartz veinlet hosting fine grained pyrite.	
VN	245.71	245.72	80.00			PY	40.00	White massive quartz vein hosting blebby-massive pyrite with dark green blebby chlorite.	
VT	246.60	246.88	75.00		3.00	PY	70.00	Three white massive quartz veinlets hosting blebby-massive pyrite.	
VN	249.53	249.88	30.00		2.00	PY	6.00	Two white semitranslucent massive quartz veins hosting disseminated pyrite.	
VT	253.17	253.20	70.00			PY	15.00	White translucent quartz veinlet hosting disseminated-blebby pyrite in a 2cm phyllic-argillic envelope.	
VT	254.19	254.88	80.00		3.00	PY	10.00	Three white-grey quartz veinlets with central disseminated-blebby pyrite and dark green chlorite borders outside of their phyllic envelopes.	
VT	255.12	255.66	70.00		3.00	PY	8.00	Three white-grey quartz veinlets with central calcite lenses and veinlets. Hosts disseminated pyrite and sericite.	
						SE	2.00		
VN	259.28	259.30	75.00			PY	15.00	White translucent quartz vein with indistinct borders that bled into the surrounding granodiorite. Hosts disseminated-blebby pyrite.	
VT	259.67	264.61	65.00		20.00	PY	15.00	White-grey translucent quartz veinlets with disseminated-blebby pyrite and pyrite stringers.	
VN	262.00	262.08	70.00			PY	50.00	Strongly gouged white-grey quartz vein, now almost fully altered to dark grey clay and finely ground sulphides. Some pyrite remains as larger crystals.	
VT	263.73	263.84	80.00		2.00	PY	15.00	White massive quartz-calcite veinlets with disseminated pyrite and pyrite stringers.	
VN	264.86	264.88	65.00			PY	80.00	Grey semitranslucent quartz vein, hosting blebby-massive pyrite.	
VT	270.48	271.02	50.00		9.00	PY	20.00	White semitranslucent quartz veinlets hosting blebby pyrite.	
VN	271.08	271.25	60.00			PY	40.00	Weakly clay altered grey translucent quartz vein hosting blebby-massive pyrite and white calcite lenses/veinlets. Crosscut by discontinuous pyrite veinlets/stringers.	
GO	271.25	271.38	70.00			PY	8.00	Weakly gouged granodiorite hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	271.61	271.66	50.00			PY	5.00	Moderately gouged granodiorite hosting disseminated pyrite.	
VT	271.84	271.86	70.00			PY	15.00	White-grey chaotically banded quartz veinlet hosting disseminated-blebby pyrite.	
VT	272.01	272.23	60.00		2.00	PY	10.00	Two white-grey translucent quartz veinlets hosting disseminated-blebby pyrite, with weak disseminated-blebby pyrite.	
GO	272.27	272.42	50.00			PY	10.00	Moderately gouged granodiorite hosting disseminated pyrite, crosscut by two clay altered quartz veinlets.	
GO	272.80	272.96	30.00			PY	8.00	Moderately gouged granodiorite hosting disseminated pyrite, crosscut by two clay altered quartz veinlets.	
VN	273.36	273.38	65.00			PY	12.00	Grey clay altered quartz vein hosting disseminated pyrite.	
VT	273.46	273.72	70.00		5.00	PY	15.00	Five weakly clay altered grey quartz veinlets hosting disseminated pyrite.	
GO	273.92	274.22	40.00			PY	15.00	Weakly gouged phyllic granodiorite, crosscut by clay altered grey quartz veinlets and several black-dark grey quartz veinlets closely spaced at the end of the interval. Hosts disseminated-blebby pyrite throughout.	
VT	274.25	274.71	65.00		15.00			Fifteen discontinuous massive pyrite veinlets, at varying greater than 45 degree angles.	
VN	275.68	275.70	35.00			PY	30.00	White semitranslucent quartz vein through weakened argillic granodiorite, hosting coarse crystalline pyrite masses.	
VT	277.18	277.47	80.00		3.00	PY	15.00	Grey-white translucent quartz veinlets hosting disseminated-blebby pyrite in well-developed grey phyllic envelopes.	
VT	277.34	277.35	85.00			PY	10.00	Milky-cream weakly crustiform quartz veinlet hosting disseminated-blebby pyrite.	
VN	278.25	278.28	80.00			PY	60.00	Massive vein of pyrite and chalcopyrite.	
						CP	40.00		
VT	279.64	279.65	80.00			PY	10.00	White semitranslucent quartz veinlet hosting disseminated-blebby pyrite.	
VT	280.92	280.93	75.00			PY	30.00	Grey semitranslucent quartz veinlet with irregular borders. Hosts disseminated fine-medium grained cubic pyrite crystals.	
VT	281.14	281.15	20.00			PY	25.00	Low angle grey-white semitranslucent quartz veinlet hosting disseminated-blebby pyrite.	
VN	281.77	281.82	60.00			PY	25.00	Grey semitranslucent quartz vein hosting a 1.5cm massive pyrite vein and several discontinuous pyrite veinlets.	
VT	282.70	282.71	60.00			PY	15.00	Grey semitranslucent quartz veinlet hosting disseminated-blebby pyrite..	
VT	285.35	285.36	35.00			PY	5.00	Black quartz veinlet hosting disseminated pyrite.	
VT	285.40	286.76	75.00		14.00	PY	10.00	White semitranslucent quartz veinlets of varying widths less than 5mm, hosting disseminated pyrite, with narrow, weak phyllic-argillic envelopes.	
VT	287.97	289.36	60.00		14.00	PY	10.00	White semitranslucent quartz veinlets of varying widths less than 5mm, hosting disseminated pyrite, with narrow, weak phyllic-argillic envelopes.	
GO	289.48	289.63	70.00			PY	20.00	Weakly gouged phyllic granodiorite crosscut by a thick pyrite vein.	
VN	289.54	289.56	70.00					Massive pyrite vein.	
VN	289.96	290.08	80.00		2.00	PY	10.00	Two grey translucent massive-crackled quartz veins with poorly defined borders.	
GO	290.15	290.25	85.00			PY	30.00	Strongly gouged granodiorite crosscut by pyrite veins and veinlets. Hosts disseminated-blebby pyrite.	
VN	290.76	291.34	70.00		2.00	PY	5.00	Two quartz veins that strongly silica flood the surrounding granodiorite and create 7-10cm patches of obliterated textures.	
VN	291.57	291.59	50.00			PY	8.00	Massive-crackled grey opaque quartz veins hosting disseminated-blebby pyrite.	
GO	291.85	292.60	45.00			PY	3.00	Weakly gouged granodiorite, with crosscutting white quartz veinlets, hosting disseminated pyrite.	
VN	294.39	294.43	75.00			PY	6.00	Weakly banded-crustiform quartz-chalcedony vein hosting disseminated pyrite.	
VN	295.74	295.76	80.00			PY	10.00	Grey translucent quartz vein that has bled out and silicified the surrounding granodiorite, obscuring the vein borders. Hosts blebby pyrite.	
VT	295.86	295.87	60.00			PY	10.00	White massive-weakly banded quartz veinlet hosting disseminated pyrite.	
VN	296.19	296.20	70.00			PY	6.00	White-cream-grey quartz vein hosting disseminated pyrite.	
VN	296.65	296.67	60.00			PY	20.00	Weakly gouged massive-crackled grey quartz vein hosting disseminated-blebby pyrite.	
GO	297.22	297.53	30.00			PY	3.00	Weakly gouged phyllic-argillic granodiorite hosting disseminated pyrite.	
VT	297.68	297.83	45.00		3.00	PY	8.00	Whit semitranslucent quartz veins hosting disseminated-blebby pyrite.	
VT	300.29	301.23	75.00		5.00	PY	5.00	Grey quartz veinlets hosting disseminated pyrite.	
VN	300.52	300.55	90.00			PY	5.00	Whit massive semitranslucent quartz vein hosting disseminated pyrite.	
VN	300.63	300.68	80.00			PY	25.00	Grey clay altered quartz vein that hosts a massive pyrite vein, pyrite veinlets, and blebby pyrite.	
VT	300.73	300.76	70.00		2.00			Two massive pyrite veinlets.	
VN	301.81	301.99	75.00		4.00	PY	15.00	Four closely spaced white-grey quartz veins hosting disseminated-blebby pyrite and pyrite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	302.64	302.65	80.00		4.00	PY	15.00	Four grey translucent quartz veinlets hosting pyrite veinlets and disseminated-blebby pyrite, with well defined grey phyllic envelopes.	
GO	303.13	304.09	60.00			PY	3.00	Moderately-strongly gouged granodiorite crosscut by mineralized quartz veins. Some quartz veins are reduced to black clays with fine-grained sulphides.	
BX	304.06	304.30	60.00			PY	25.00	Black quartz brecciating phyllic granodiorite. Hosts up to 3cm subrounded granodiorite clasts, and crosscut by white calcite veinlets. Hosts finely ground pyrite in black quartz, and blebby-disseminated pyrite in granodiorite.	x
VN	304.30	304.35	70.00			PY	60.00	Dark grey quartz vein hosting finely ground pyrite and pyrite veinlets, and blebby-disseminated pyrite throughout. Vein is weakly clay altered.	
VN	304.84	304.85	50.00			PY	8.00	White massive-crackled opaque quartz vein with weak clay along cracks. Hosts disseminated-blebby pyrite.	
GO	306.34	306.37	80.00			PY	40.00	Strongly clay altered pyrite vein.	
GO	306.51	306.53	75.00			PY	30.00	White-grey strongly gouged quartz vein hosting disseminated pyrite.	
VN	307.00	307.02	80.00			PY	15.00	White massive-crackled quartz vein hosting blebby pyrite.	
GO	307.19	307.26	70.00			PY	6.00	Weak-moderate gouged argillic granodiorite crosscut by two narrow cream quartz veinlets. Hosts disseminated pyrite.	
VT	307.75	307.83	45.00			PY	20.00	White-grey translucent poorly defined quartz veinlets hosting disseminated-blebby pyrite.	
GO	308.26	308.28	45.00			PY	10.00	Moderately gouged phyllic granodiorite, with a fully clay altered black-grey pyrite veinlet.	
VN	308.36	308.38	40.00			PY	5.00	White coarse crystalline quartz vein with interstitial white calcite. Hosts disseminated pyrite.	
VT	309.21	309.22	45.00			PY	6.00	Grey translucent quartz veinlet with disseminated pyrite.	
GO	309.62	309.70	50.00			PY	20.00	Two 1.2cm thick gouged quartz veins hosting disseminated pyrite.	
VN	309.73	309.83	60.00		2.00	PY	8.00	Two massive grey-white quartz veins showing weak banding, crosscut by cream carbonate veinlets.	
VT	312.34	312.35	20.00			PY	2.00	Massive grey quartz veinlets with disseminated pyrite.	
VN	313.66	313.69	10.00			PY	8.00	Massive white semitranslucent quartz vein hosting disseminated-blebby interstitial pyrite.	
GO	313.86	313.89	40.00			PY	1.00	Moderate-strongly gouged propyllitic granodiorite with trace disseminated pyrite.	
VN	315.52	315.54	45.00			PY	20.00	Weakly banded light-medium grey quartz vein hosting disseminated pyrite.	
GO	316.02	316.28	30.00			PY	10.00	Weak-moderate gouged granodiorite with two completely clay altered sulphide hosting quartz veinlets. Hosts disseminated pyrite.	
VT	316.41	324.70	60.00		10.00	PY	15.00	Ten white-grey translucent quartz veinlets at 2 per 1m spacing. Veinlets have well-developed strong phyllic envelopes. Veinlets host disseminated-blebby pyrite.	
FT	325.10	326.24	30.00					Well developed fractured/rubbly fault zone with extensive light green clays.	
VT	326.63	327.56	45.00		3.00	PY	15.00	3 white semitranslucent massive quartz veinlets hosting disseminated-blebby pyrite and interstitial white calcite.	
VT	327.98	328.00	25.00			PY	20.00	Dark grey completely clay altered quartz-sulphide vein with disseminated pyrite.	
VN	328.25	328.28	40.00			PY	10.00	Banded white-grey semitranslucent quartz hosting disseminated-blebby pyrite and chalcopyrite.	
						CP	15.00		
VN	329.50	330.05	20.00			PY	5.00	Thick massive-crackled white semitranslucent quartz vein with many white quartz eyes and hosting disseminated-blebby pyrite, and crosscut by white massive calcite veinlets.	
VN	330.44	332.02	10.00			PY	2.00	Thick massive-crackled white semitranslucent quartz vein with many white quartz eyes and hosting disseminated-blebby pyrite, and crosscut by white massive calcite veinlets.	
VN	332.16	332.28	75.00		2.00			Massive-crustiform-vuggy quartz veins with weak clay alteration.	
VN	333.52	333.56	60.00					Massive-weakly banded (at edges) quartz-calcite vein.	
VT	334.68	337.05	45.00		2.00			Two white massive calcite veinlets.	
VT	338.14	338.47	40.00		3.00	PY	15.00	Three grey semitranslucent quartz veinlets hosting disseminated pyrite and pyrite stringers.	
VN	338.90	338.92	45.00			PY	20.00	Grey-smoky quartz vein that partially brecciated phyllic granodiorite and hosts rounded 2mm clasts in one half of the vein. The rest of the vein is white-smoky banded quartz.	
GO	340.84	340.86	40.00			PY	10.00	Moderately gouged phyllic granodiorite with disseminated-blebby pyrite.	
VT	340.86	340.91	70.00		3.00			3 discontinuous pyrite veinlets.	
ST	341.23	341.74	40.00		12.00			12 pyrite stringers.	
VN	342.99	343.18	70.00			PY	5.00	Rubbly fragments of a massive white semitranslucent. Quartz-calcite vein with central-interstitial pyrite blebs.	
VN	343.26	343.66	30.00		2.00	PY	4.00	Two thick white semitranslucent massive-crackled quartz veins with disseminated-blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	345.00	345.05	60.00			PY	3.00	Two thick white semitranslucent massive-crackled quartz veins with disseminated-blebby pyrite.	
VN	346.76	346.77	70.00			PY	15.00	White-cream crustiform chalcedony vein with grey quartz veinlet borders, hosting disseminated-blebby pyrite.	
GO	350.31	350.73	60.00			PY	6.00	Weak-moderately gouged phyllic granodiorite hosting disseminated pyrite.	
GO	350.98	351.02	30.00			PY	8.00	Weakly gouged grey massive-crackled quartz vein hosting disseminated pyrite.	
VN	351.16	352.16	30.00			PY	5.00	Thick massive-crackled white semitranslucent quartz vein with a 50% rubbly recovery. Crosscut by white calcite veinlets and pyrite stringers.	
GO	352.18	352.60	30.00			PY	10.00	Strongly gouged phyllic granodiorite with crosscutting dark grey clay altered sulphide hosting quartz veinlets. Disseminated pyrite throughout.	
VN	352.60	352.83	20.00			PY	12.00	Grey-smoky translucent-weakly banded quartz vein crosscut by white calcite veinlets.	
VT	353.03	353.38	70.00		3.00	PY	20.00	Three grey translucent quartz veinlets hosting disseminated-blebby pyrite and disseminated-dusty arsenopyrite, with well developed strong phyllic envelopes.	
						AS	5.00		
VT	353.55	353.56	60.00			PY	6.00	White massive quartz-calcite veinlet with adjacent grey quartz veinlet hosting disseminated pyrite.	
VN	355.15	355.24	50.00		2.00	PY	6.00	Grey quartz veins that silica flood the surrounding granodiorite, and are crosscut by white massive-discontinuous calcite veinlets. Disseminated pyrite throughout.	
VN	355.33	355.44	60.00			PY	8.00	Grey translucent massive quartz vein with poorly defined borders. Hosts disseminated-blebby pyrite and disseminated arsenopyrite.	
						AS	2.00		
VN	355.61	355.62	80.00			PY	12.00	Massive white-grey quartz-carbonate vein hosting disseminated-blebby pyrite with pyrite stringers.	
VT	355.71	356.05	70.00		5.00	PY	15.00	Grey-white massive quartz veinlets with disseminated-blebby pyrite and blebby chalcopyrite.	
						PY	5.00	Strongly gouged argillic granodiorite hosting disseminated pyrite.	
GO	356.14	356.69	30.00			CP	8.00		
VT	357.04	358.09	40.00		9.00			Discontinuous massive pyrite veinlets.	
GO	357.20	357.98	60.00		3.00	PY	8.00	Three short gouge intervals hosting disseminated-blebby pyrite.	
VT	358.35	358.96	80.00		3.00	PY	10.00	White quartz veinlets with blebby pyrite and narrow grey phyllic envelopes.	
GO	359.58	360.51	70.00			PY	8.00	Moderate-strongly gouged argillic-phyllic granodiorite with disseminated pyrite.	
VT	361.04	362.02	60.00		9.00	PY	20.00	Grey-white quartz veinlets with well defined strong phyllic envelopes, hosting disseminated-blebby pyrite and disseminated dusty arsenopyrite.	
						AS	5.00		
VN	362.84	362.87	90.00			PY	30.00	Massive-crackled white semitranslucent quartz vein hosting blebby-massive pyrite.	
GO	364.72	365.15	45.00			PY	2.00	Weakly gouged argillic-propyllitic granodiorite with short gouge intervals. Hosts disseminated pyrite and pyrite veinlets. Rubble obscures several massive grey quartz veins.	
FT	365.15	369.34	60.00			PY	8.00	Rubbly-fractured faulted phyllic-argillic granodiorite with short gouge intervals. Hosts disseminated pyrite and pyrite veinlets. Rubble obscured several massive grey quartz veins.	
VT	370.51	370.60	80.00		8.00			Eight discontinuous-irregular pyrite veinlets.	
VT	371.62	371.81	70.00		3.00	PY	10.00	White massive-crackled quartz veins hosting interstitial disseminated-blebby pyrite.	
VT	372.21	372.30	80.00		3.00			White massive calcite veinlets.	
GO	372.30	373.12	70.00			PY	3.00	Strongly gouged granodiorite with disseminated pyrite.	
VT	373.28	373.68	50.00		3.00	PY	10.00	White-grey massive-crackled quartz veins hosting disseminated-blebby pyrite. Veins weakly flood surrounding granodiorite.	
VT	374.07	374.08	60.00			PY	8.00	White quartz veinlets with blebby pyrite and narrow grey phyllic envelopes.	
VN	374.62	374.71	80.00			PY	15.00	White-grey semitranslucent weakly banded quartz vein crosscut by irregular pyrite veinlets and stringers. Vein hosts disseminated--blebby pyrite.	
VN	374.94	375.02	60.00			PY	15.00	Quartz vein with alternating bands of milky-white and semitranslucent grey-smoky quartz. Hosts blebby-massive pyrite in grey-smoky quartz.	
						AS	3.00		
GO	375.07	375.11	70.00			PY	5.00	Moderate gouged phyllic granodiorite with disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VN	375.18	375.24	35.00			PY	10.00	Grey translucent quartz vein with poorly defined borders that bleeds out into the granodiorite. Hosts disseminated pyrite and discontinuous pyrite veinlets.	
VT	375.45	375.52	40.00		2.00	PY	8.00	Smoky veinlet with disseminated pyrite.	
VT	375.64	375.86	75.00		5.00	PY	20.00	Five grey translucent quartz veinlets with disseminated pyrite and well-developed strong phyllic envelopes.	
VT	376.38	380.81	70.00		7.00	PY	15.00	Seven grey translucent quartz veinlets with disseminated pyrite and well-developed strong phyllic envelopes.	
VN	378.38	378.42	75.00			PY	5.00	Banded white-cream-grey quartz with interstitial white calcite. Parallel smoky quartz veinlets.	
VN	380.43	380.44	45.00			PY	3.00	White-grey translucent quartz vein with disseminated pyrite.	
BX	380.96	381.06	75.00			PY	15.00	4cm black siliceous breccia with finely ground pyrite in matrix hosting 0.1-3mm granodiorite clasts. 4cm clay altered banded grey quartz. 3cm gouged phyllic granodiorite along the down hole border.	x
BX	382.91	382.95	65.00			PY	30.00	Black siliceous breccia with finely ground pyrite in matrix hosting 0.1-3mm granodiorite clasts.	
VT	383.78	385.83	45.00		14.00	PY	8.00	14 white-grey semitranslucent massive quartz veinlets hosting disseminated-blebby pyrite.	
VN	386.60	386.84	35.00			PY	40.00	Thick grey translucent quartz vein with parallel smoky quartz veinlets and massive pyrite veinlets. Hosts disseminated-blebby pyrite. Bordered by 2cm thick moderate gouge on downhole border.	
VN	387.02	387.53	25.00		11.00	PY	35.00	Phyllic granodiorite brecciated by 11 black quartz veinlets with finely ground pyrite in their matrices. Weak clay altered and gouged. Disseminated pyrite throughout.	
VT	387.61	392.58	40.00		26.00	PY	8.00	White-grey semitranslucent quartz veinlets hosting disseminated pyrite in weak phyllic envelopes.	
VN	391.19	391.31	65.00			PY	30.00	White-grey semitranslucent quartz vein hosting disseminated-blebby-massive pyrite, and crosscut by massive pyrite veinlets and veins.	
VT	393.98	401.97	75.00		30.00	PY	11.00	Grey translucent quartz veinlets with disseminated-blebby pyrite and well defined strong phyllic envelopes. Evenly spaced.	
VN	394.58	394.73	20.00			PY	6.00	Milky-white quartz-chalcedony vein that has rhombic-cubic vugs due to the weathering removal of pyrite, or replacement of and subsequent weathering of calcite rhombs. Large clear euhedral quartz prisms are up to 2cm diameter. Chalcedony	x
VN	404.25	404.28	80.00			PY	25.00	Massive grey semitranslucent quartz vein hosting interstitial brown-black-silver sphalerite and disseminated-blebby pyrite, with discontinuous pyrite veinlets.	
						SP	5.00		
VT	404.44	409.92	70.00		26.00	PY	8.00	Grey-white translucent quartz veinlets with disseminated-blebby pyrite and grey strong phyllic envelopes.	
VN	404.73	405.07	30.00			PY	4.00	Thick massive-crackled white semitranslucent quartz vein with calcite infill in cracks and disseminated-blebby interstitial pyrite.	
VN	405.72	405.79	30.00			PY	3.00	Thick massive-crackled white semitranslucent quartz vein with calcite infill in cracks and disseminated-blebby interstitial pyrite.	
BX	407.37	407.58	85.00			PY	25.00	Black siliceous breccia with fine-grained pyrite in the matrix phyllic granodiorite clasts are subrounded and 1mm-3cm wide. Three 8mm white-clear quartz-calcite veinlets at downhole border.	
ST	411.86	412.18	30.00		30.00			More than 30 closely spaced pyrite stringers.	
VT	412.31	413.14	45.00		5.00	PY	20.00	Five white semitranslucent quartz veinlets with disseminated-blebby pyrite.	
VT	413.24	413.51	60.00		7.00	PY	15.00	Seven grey massive quartz veinlets that weakly brecciated phyllic granodiorite, with 12 crosscutting pyrite stringers. Blebby-disseminated pyrite throughout.	
VT	413.64	413.97	20.00		18.00	PY	15.00	18 closely spaced white semitranslucent massive quartz veinlets. Some veinlets bleed into each other. Each veinlet hosts a discontinuous.	
VT	414.17	414.41	20.00		7.00	PY	20.00	Pyrite veinlets/stringers.	
VT	414.84	415.00	40.00		8.00			Pyrite veinlets with strong phyllic envelopes at the dyke selvedge.	
BX	422.19	422.44	70.00		3.00	PY	12.00	Three <1cm thick breccias: grey-black quartz veinlet, brecciating phyllic-argillic granodiorite with finely ground pyrite in the matrix, and disseminated pyrite in clasts.	
VT	422.67	422.72	35.00		2.00	PY	15.00	Two white massive quartz veinlets with disseminated pyrite along the borders.	
VT	423.21	423.46	65.00		4.00	PY	20.00	Four white semitranslucent quartz veinlets with central pyrite veinlets.	
VN	424.90	425.03	20.00			PY	30.00	Smoky-grey weakly banded quartz vein with discontinuous pyrite stringers and pyrite blebs.	
VN	423.94	424.15	20.00			PY	10.00	Black tourmaline vein with disseminated-blebby pyrite and blebby epidote.	
						EP	10.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	424.48	424.66	45.00			PY	30.00	White-grey semitranslucent quartz veinlets with disseminated-blebby pyrite.	
BX	425.83	425.90	70.00			PY	15.00	Grey-smoky quartz brecciating white quartz. Disseminated-blebby pyrite throughout the matrix, and disseminated arsenopyrite.	
						AS	3.00		
VN	426.39	426.51	30.00			PY	20.00	Massive black tourmaline vein with massive pyrite vein along the downhole border.	
VN	426.70	426.81	40.00			PY	1.00	Black tourmaline vein with weakly disseminated pyrite.	
VT	426.92	431.81	70.00		22.00	PY	10.00	White semitranslucent quartz veinlets with disseminated-blebby pyrite and argillic-phyllic envelopes.	
BX	429.81	403.02	60.00			PY	3.00	Black siliceous vein brecciating phyllic granodiorite, crosscut by white-milky quartz-carbonate veinlets. Hosts finely ground pyrite in matrix and disseminated-blebby pyrite in clasts.	x
GO	432.12	432.28	20.00			PY	4.00	Strongly gouged propyllitic granodiorite with disseminated pyrite.	
FT	432.28	437.15	60.00			PY	15.00	Strongly faulted propyllitic-phyllic granodiorite with moderate gouge.	
VT	436.49	437.42	40.00		3.00	PY	40.00	Three grey massive quartz veinlets with central massive pyrite veinlets.	
VT	437.50	437.95	70.00			PY	10.00	Moderately clay altered grey quartz veinlets with disseminated-blebby pyrite.	
BX	438.14	438.22	85.00			PY	15.00	Black siliceous breccia hosting disseminated-blebby pyrite throughout, and subrounded granodiorite clasts 0.1-4mm diameter subrounded granodiorite clasts. Borders of breccia re weak-moderately clay altered.	
BX	438.53	438.56	60.00			PY	10.00	Black siliceous breccia hosting disseminated-blebby pyrite throughout, and subrounded granodiorite clasts 0.1-4mm diameter subrounded granodiorite clasts.	
VN	439.88	439.94	75.00		2.00	PY	10.00	Two white-smoky clay altered quartz veins hosting disseminated-blebby pyrite and chalcopyrite.	
						CP	7.00		
VT	441.13	441.14	80.00					Discontinuous massive pyrite veinlet, 2mm thick.	
VT	443.42	443.55	60.00		6.00	PY	30.00	Six white quartz veinlet (1mm) hosting disseminated pyrite.	
DY	444.15	444.18	80.00					Black, fine-grained mafic dyke.	
GO	444.90	444.98	70.00			PY	15.00	Moderately gouged argillic granodiorite with disseminated pyrite throughout, and a 1.5cm massive white calcite vein on the uphole border.	
VT	447.16	447.28	75.00			PY	20.00	Grey translucent quartz veinlets with central pyrite-chalcopyrite veinlets and stringers. Veins have strong phyllic envelopes.	
						CP	10.00		
VT	447.32	449.38	65.00		7.00	PY	15.00	Grey-white translucent quartz veinlet with central pyrite veinlet and grey strong phyllic envelopes.	
GO	450.32	450.34	80.00			PY	3.00	Strongly gouged quartz veins and granodiorite, hosting disseminated pyrite.	
VT	450.76	457.05	70.00		26.00	PY	20.00	Grey-white translucent quartz veinlet with central pyrite veinlet and grey strong phyllic envelopes.	
GO	454.14	454.33	65.00		2.00	PY	10.00	Two strongly gouged quartz veins and granodiorite, hosting disseminated pyrite.	
VT	458.89	462.70	60.00			PY	15.00	Grey-white translucent quartz veinlet with central pyrite veinlet and grey strong phyllic envelopes.	
VN	467.34	472.14	50.00			PY	20.00	White-grey semitranslucent quartz veins with well-developed strong phyllic envelopes. Disseminated-blebby pyrite throughout and central discontinuous pyrite veinlets.	
VN	472.76	472.78	35.00			PY	25.00	White-grey semitranslucent quartz vein with poorly defined borders and a central 3mm pyrite veinlets.	
VT	472.85	472.95	85.00			PY	12.00	Grey-smoky quartz veinlets that weakly brecciated phyllic-silicified granodiorite. Hosts disseminated-blebby pyrite and disseminated dusty arsenopyrite.	
						AS	5.00		
VN	472.95	473.06	40.00		2.00	PY	20.00	Two white-grey semitranslucent massive quartz veins with disseminated-blebby pyrite and pyrite stringers.	
GO	473.49	473.51	35.00			PY	40.00	Strongly gouged grey-white quartz vein hosting blebby pyrite and a massive pyrite veinlet.	
VN	473.70	473.76	40.00					Massive-blebby pyrite vein.	
VN	473.94	473.95	25.00					1cm massive pyrite vein with weak black clay alteration.	
ST	473.97	476.92	45.00		38.00			A network of pyrite stringers crisscross the phyllic vein zone, at an average angle of 45 degrees.	
VN	474.71	474.73	25.00					Massive pyrite vein with well-developed grey phyllic envelope.	
VT	475.17	475.47	40.00		2.00			Massive pyrite veinlets with well-developed grey phyllic envelope.	
VN	476.13	476.15	90.00			PY	60.00	Milky quartz vein hosting very coarse crystalline pyrite cubes-dodecahedrons.	
VN	476.38	476.47	90.00			PY	50.00	Poorly defined white-grey semitranslucent quartz vein hosting blebby-massive coarse-grained pyrite crystals.	
GO	476.94	476.98	80.00			PY	25.00	Grey-white-cream weakly clay altered quartz vein hosting disseminated-blebby pyrite and dusty arsenopyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						AS	5.00		
VN	476.98	477.03	80.00			PY	15.00	Moderately gouged grey-white quartz vein hosting disseminated pyrite.	
VN	477.06	477.07	85.00					Discontinuous massive pyrite vein.	
VN	477.34	477.56	35.00			PY	15.00	A series of 3 rubbly white-grey massive semitranslucent quartz veins hosting disseminated-blebby pyrite and pyrite veinlets.	
VT	477.75	477.77	80.00			PY	8.00	White-grey semitranslucent quartz vein with distinct separation between grey-white quartz bodies. Hosts disseminated-blebby pyrite.	
VN	478.15	478.17	40.00			PY	15.00	White irregularly bordered (pinches and swells) quartz veinlet. Hosts a central pyrite veinlet (1mm) and disseminated pyrite.	
VN	478.65	478.67	90.00			PY	40.00	1cm grey translucent massive quartz and 1cm white-cream crustiform chalcedony vein. Massive-pyrite veinlet in grey quartz, and disseminated pyrite throughout.	
VT	479.54	480.01	30.00		7.00	PY	35.00	Grey-white massive semitranslucent quartz veinlets with discontinuous pyrite veinlets along the centre axis, and well-developed strong phyllic envelopes.	
FT	480.01	480.52	45.00			PY	20.00	Rubbly, clay altered fault zone through strong phyllic granodiorite. Crosscut by mineralized quartz veins. Disseminated-blebby pyrite throughout.	
GO	480.52	480.61	80.00			PY	6.00	Weakly gouged phyllic granodiorite hosting disseminated pyrite.	
VN	480.74	480.76	30.00			PY	10.00	Grey-white opaque clay altered quartz vein with disseminated pyrite.	
VT	481.03	481.39	5.00			PY	1.00	White quartz veinlets crosscutting silicified granodiorite at a low angle, and truncated by a quartz veinlet at 60 degrees. Trace disseminated pyrite.	
VN	481.60	481.62	25.00			PY	60.00	Grey-white weakly clay altered quartz vein with massive-blebby pyrite.	
VN	482.39	482.42	30.00			PY	10.00	Grey semitranslucent massive weakly clay altered quartz vein with disseminated-blebby pyrite throughout.	
VN	483.21	483.54	20.00			PY	15.00	Two white translucent comb quartz veins with white-milky interstitial quartz. Disseminated-blebby pyrite is hosted interstitially to comb quartz.	
FT	483.72	486.77	30.00			PY	10.00	Rubbly, gouged fault zone through phyllic granodiorite. Crosscut by several broken quartz veinlets. Disseminated-blebby pyrite is hosted in granodiorite and veinlets.	
VT	487.95	487.97	20.00					Pyrite veinlet (3mm) with 1cm dark green chlorite envelope.	
VT	489.09	489.10	30.00			PY	18.00	Weakly clay altered phyllic granodiorite with disseminated pyrite.	
FT	489.75	490.00	45.00			PY	8.00	Moderately faulted, weakly clay altered phyllic granodiorite with disseminated pyrite.	
FT	490.50	490.66	60.00			PY	5.00	Moderately faulted, moderately clay altered phyllic granodiorite with disseminated pyrite.	
FT	492.49	493.12	60.00			PY	7.00	Moderately faulted, moderately clay altered and gouged phyllic granodiorite with disseminated pyrite.	
BX	493.59	493.65	70.00			PY	15.00	Complex breccia: early grey quartz veins brecciated granodiorite, and were later crosscut by narrow black siliceous breccias 7mm white. Then white-milky quartz brecciated the existing breccia. Disseminated-blebby pyrite throughout with disseminated dusty arsenopyrite.	
						AS	5.00		
VT	493.78	495.43	75.00		2.00	PY	6.00	Weakly banded grey-white quartz veinlets hosting disseminated pyrite.	
VT	496.39	498.52	20.00		3.00	PY	10.00	Three white quartz-carbonate veinlets following fractures. Hosts disseminated-blebby pyrite.	
VN	497.90	497.92	25.00			PY	15.00	White-grey semitranslucent quartz vein hosting blebby-disseminated pyrite.	
VN	497.99	498.01	90.00			PY	40.00	White-grey semitranslucent quartz vein hosting blebby-disseminated pyrite.	
VT	498.96	498.97	90.00			PY	5.00	White-grey opaque massive quartz veinlet with disseminated pyrite along borders.	
VT	499.11	499.12	75.00					White-cream quartz-carbonated veinlet.	
VT	499.25	499.26	90.00			PY	30.00	White-grey semitranslucent quartz veinlet with central pyrite veinlet.	
VN	500.06	500.19	80.00			PY	15.00	Grey translucent massive quartz vein with central white quartz-calcite and interstitial-blebby pyrite.	
VT	501.19	503.65	35.00		23.00			1-3mm massive-discontinuous pyrite veinlets.	
VN	504.97	505.32	30.00		2.00	PY	10.00	Two massive-crackled grey semitranslucent quartz veins hosting disseminated-blebby pyrite, crosscut by carbonate-pyrite stringers.	
VT	505.60	506.45	80.00		3.00	PY	20.00	Grey translucent massive quartz vein with central white quartz-calcite and interstitial-blebby pyrite.	
VN	506.53	506.62	90.00			PY	40.00	Dark grey semitranslucent massive-crackled quartz vein hosting disseminated-blebby pyrite and crosscut by massive pyrite veinlets/veins.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	506.63	514.05	30.00		13.00	PY	10.00	Grey translucent massive quartz vein with central white quartz-calcite and interstitial-blebby pyrite.	
VN	507.69	507.84	40.00			PY	15.00	Grey-white semitranslucent massive-crackled quartz vein hosting disseminated-blebby pyrite and crosscut by massive pyrite stringers.	
VN	509.63	509.69	75.00			PY	5.00	White-milky-grey weakly banded quartz calcite vein, with central 1.5cm moderate gouge. Hosts disseminated pyrite.	
VT	511.61	511.62	90.00			PY	8.00	Milky-pink massive quartz-calcite veinlet with dark green chlorite borders and disseminated-blebby pyrite.	
								EOH	

KLAZA

Hole: KL-DDH-12-121 **Date: August 26, 2012**

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
Calibration			2001.5										Calibration test with 2.0kg mass.
20.06	1490	1735	656.8	413.7	GRD	XL	OXI	3I	PY	3	2.680816	2.701769	Argillic granodiorite with pervasive oxide-staining, crosscut by two discontinuous pyrite veinlets with strong phyllic envelopes.
							ARG	4I					
							PHC	3I					
29.57	1490	1740	658.4	411.8	GRD	XL	PHC	3I	PY	2	2.6336	2.669911	Moderate light green phyllic granodiorite with disseminated pyrite.
46.48	1485	1745	777.4	518	GRD	XL	PHC	4I	PY	5	2.99	2.996916	Strong blue-grey phyllic granodiorite crosscut by a massive pyrite-quartz vein.
59.47	1485	1700	570.1	351.7	GRD	XL	ARG	3I	PY	1	2.651628	2.610348	Moderate argillic granodiorite overprinted by phyllic, hosting disseminated pyrite.
							PHC	2I					
75.95	1490	1685	538.2	341.1	GRD	XL	PHC	3I	PY	1	2.76	2.730594	
							ARG	2I					
88.31	1490	1750	701	438	GRD	XL	PHC	2I	PY	1	2.696154	2.665399	
							ARG	3I					
115.14	1485	1715	614.3	384.3	GRD	XL	PRO	2I			2.67087	2.67087	
							HEM	1I					
Calibration													
132.6	1460	1670	558.6	351.6	GRD	XL	PRO	3I	PY	1	2.66	2.698551	Moderate propyllitic with disseminated pyrite
181.97	1460	1630	450	284.6	GRD	FL	PHC	2I	PY	4	2.647059	2.720677	Weak phyllic, moderately silica flooded granodiorite crosscut by smoky quartz veinlet and calcite veinlet. Disseminated-blebby pyrite and pyrite stringers throughout.
							SIL	3I	CA	5			
211.66	1450	1630	491.6	308.3	GRD	FL	PHC	3I	PY	8	2.731111	2.681942	Strongly silica flooded phyllic granodiorite crosscut by white mossy quartz vein. See secondaries.
							SIL	4I					

KLAZA

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
227.82	1450	1635	500.6	314.2	GRD	XL	PRO	2I	PY	2	2.705946	2.685622	Weak propyllitic and potassic granodiorite, with weak silica flooding and disseminated pyrite and epidote.
						FL	POT	1I	EP	5			
							SIL	2I					
239.88	1445	1840	1100.4	707.6	GRD	XL	PHC	3I	PY	5	2.785823	2.801426	Phyllic silica flooded granodiorite, crosscut by a thick quartz-chalcedony breccia.
						FL	SIL	3I					
249.75	1440	1740	809.6	508.5	GRD	XL	PRO	2I	PY	3	2.698667	2.688808	Weak propyllitic granodiorite with silica flooding, crosscut by quartz vein with disseminated pyrite.
						FL	SIL	3I					
Calibration			2001.6										Calibration test with 2.0kg mass.
279.47	1435	1670	647	411.8	GRD	XL	PHC	2I	PY	3	2.753191	2.75085	Weak phyllic granodiorite with disseminated pyrite.
289.21	1435	1730	851.2	550.1	GRD	FL	PHC	4I	PY	6	2.885424	2.826968	Strong phyllic granodiorite with moderate silica flooding.
							SIL	3I					
304.25	1435	1670	730.9	489.7	VEN	BX			PY	25	3.110213	3.030265	Black quartz breccia with finely ground pyrite and blebby pyrite throughout.
310.37	1435	1670	622.9	383.5	GRD	XL	ARG	2I			2.650638	2.601921	Weak argillic overprinted by very weak propyllitic.
							PRO	1I					
331.15	1420	1605	487.8	306.3	VEN	MA			PY	5	2.636757	2.687603	Massive quartz vein with disseminated-blebby interstitial pyrite.
357.86	1420	1670	704.6	453.8	GRD	XL	PHC	4I	PY	15	2.8184	2.80941	Moderate argillic and strong phyllic granodiorite with disseminated-blebby pyrite.
							ARG	3I					
364.35	1420	1590	444	274.1	GRD	XL	ARG	3I			2.611765	2.613302	Moderate argillic granodiorite crosscut by a mafic xenolith.
373.61	1420	1600	520.4	338.7	GRD	VEN	PHC	2I	PY	15	2.891111	2.864062	Weak phyllic granodiorite with thick grey quartz vein.
Calibration			1990.9	1744.7									Calibration test with 2.0kg mass.

KLAZA

From (m)	Volume Before (mL)	Volume After (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
391.12	1380	1740	1045.5	635.8	GRD	XL	PHC	3I	PY	15	2.904167	2.551867	Phyllic granodiorite with crosscutting-flooding grey quartz veins and massive pyrite veins/veinlets.
							SIL	3I					
420.04	1380	1630	665.1	412.9	FEL	PO					2.6604	2.637193	Quartz feldspar porphyry dyke.
429.81	1380	1760	997.6	665.6	VEN	BX	PHC	3I	PY	10	2.625263	3.004819	Black siliceous breccia.
460.62	1370	1600	638.4	406.8	GRD	FL	PRO	3I	PY	5	2.775652	2.756477	Strongly silica flooded moderate propyllitic granodiorite with disseminated pyrite.
							SIL	4I					
Calibration			2001.7	1744.5									Calibration test with 2.0kg mass.
476.32	1360	1585	706.5	484.9	GRD	FL	PHC	4I	PY	25	3.14	3.188177	Strong phyllic granodiorite with strong silica flooding. Crosscut by quartz vein with massive blebby-pyrite.
							SIL	4I					
													EOH

KLAZA

Hole: KL-DDH-12-121 **Date: August 26, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
9.75	11.76	2.01	1.62	80.6	N812970	1				Rubbly recovery
11.76	14.76	3.00	1.97	65.7	N812971	1				Rubbly recovery
14.76	17.76	3.00	1.86	62	N812972	1				Rubbly recovery
17.76	19.76	2.00	1.50	75	N812973	1				Rubbly recovery
19.76	20.93	1.17	1.17	100	N812974	1				
20.93	23.52	2.59	2.21	85.3	N812975	1				
23.52	25.36	1.84	1.84	100	N812976	1				
25.36	27.46	2.10	2.10	100	N812977	1				
					N812978	1				KLAZA STD-2
27.46	30.04	2.58	2.48	96.1	N812979	1				
30.04	31.38	1.34	1.33	99.3	N812980	1				
					N812981	1				QUARTER DUPLICATE
31.38	33.09	1.71	1.64	95.9	N812982	1				Rubbly recovery
33.09	34.24	1.15	1.07	93	N812983	1				Rubbly recovery
34.24	36.88	2.64	2.38	90.2	N812984	1				
36.88	38.34	1.46	1.36	93.2	N812985	1				
38.34	41.34	3.00	2.97	99	N812986	1				
					N812987	1				KLAZA STD-1
41.34	44.34	3.00	3.00	100	N812988	1				
44.34	45.58	1.24	1.16	93.5	N812989	1				
45.58	47.69	2.11	1.90	90	N812990	1				
47.69	48.95	1.26	1.26	100	N812991	1				
48.95	50.90	1.95	1.95	100	N812992	1				
50.90	52.75	1.85	1.37	74.1	N812993	1				Rubbly recovery
52.75	53.75	1.00	1.00	100	N812994	1				Rubbly recovery
					N812995	1				BLANK
53.75	54.76	1.01	1.01	100	N812996	1				Rubbly recovery
54.76	57.00	2.24	2.23	99.6	N812997	1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
57.00	58.00	1.00	1.00	100	N812998	1				
58.00	60.05	2.05	1.90	92.7	N812999	1				
					N813000	1				COARSE REJECT DUPLICATE
60.05	61.20	1.15	1.06	92.2	N810851	1				Tag book change
61.20	62.34	1.14	1.05	92.1	N810852	1				
					N810853	1				BLANK
62.34	64.92	2.58	2.58	100	N810854	1				
64.92	65.92	1.00	0.98	98	N810855	1				
65.92	66.97	1.05	1.03	98.1	N810856	2				
66.97	68.22	1.25	1.21	96.8	N810857	2				
68.22	69.73	1.51	1.34	88.7	N810858	2				
69.73	72.24	2.51	2.48	98.8	N810859	2				
72.24	74.06	1.82	1.82	100	N810860	2				
74.06	75.08	1.02	1.01	99	N810861	2				
75.08	76.61	1.53	1.53	100	N810862	2				
76.61	78.81	2.20	2.14	97.3	N810863	2				
					N810864	2				COARSE REJECT DUPLICATE
78.81	79.93	1.12	1.10	98.2	N810865	2				
79.93	82.00	2.07	2.05	99	N810866	2				
					N810867	2				KLAZA STD-2
82.00	83.12	1.12	1.11	99.1	N810868	2				
83.12	84.68	1.56	1.56	100	N810869	2				
					N810870	2				QUARTER DUPLICATE
84.68	85.68	1.00	1.00	100	N810871	2				
85.68	86.57	0.89	0.89	100	N810872	2				Quartz feldspar porphyry dyke
86.57	87.69	1.12	1.03	92	N810873	2				
					N810874	2				BLANK
87.69	89.03	1.34	1.31	97.8	N810875	2				
89.03	91.08	2.05	1.98	96.6	N810876	2				
91.08	93.50	2.42	2.41	99.6	N810877	2				
93.50	94.50	1.00	1.00	100	N810878	2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					N810879	2				BLANK
94.50	95.63	1.13	1.08	95.6	N810880	2				
95.63	98.63	3.00	2.44	81.3	N810881	2				
98.63	99.80	1.17	1.02	87.2	N810882	2				
99.80	100.84	1.04	0.94	90.4	N810883	2				Rubble
100.84	101.84	1.00	1.00	100	N810884	2				
101.84	103.51	1.67	1.25	74.9	N810885	2				Rubble
103.51	105.20	1.69	1.58	93.5	N810886	2				
					N810887	2				KLAZA STD-2
105.20	106.82	1.62	1.58	97.5	N810888	2				
106.82	108.24	1.42	1.24	87.3	N810889	2				
108.24	109.76	1.52	1.52	100	N810890	2				
109.76	110.77	1.01	0.98	97	N810891	2				
110.77	111.86	1.09	1.08	99.1	N810892	3				
					N810893	3				KLAZA STD-2
111.86	114.91	3.05	2.92	95.7	N810894	3				
114.91	117.96	3.05	2.74	89.8	N810895	3				Rubble
117.96	120.40	2.44	2.44	100	N810896	3				
					N810897	3				COARSE REJECT DUPLICATE
120.40	122.00	1.60	1.46	91.3	N810898	3				
122.00	124.62	2.62	1.48	56.5	N810899	3				Very rubbly
124.62	127.10	2.48	2.25	90.7	N810900	3				
					N810901	3				KLAZA STD-2
127.10	128.27	1.17	1.17	100	N810902	3				
128.27	129.28	1.01	1.01	100	N810903	3				
129.28	131.32	2.04	2.04	100	N810904	3				
131.32	133.20	1.88	1.88	100	N810905	3				
133.20	134.80	1.60	1.60	100	N810906	3				
					N810907	3				QUARTER DUPLICATE
134.80	135.90	1.10	1.03	93.6	N810908	3				
135.90	138.83	2.93	2.90	99	N810909	3				
138.83	140.04	1.21	1.21	100	N810910	3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
140.04	141.04	1.00	0.82	82	N810911	3				Rubble
141.04	142.34	1.30	1.30	100	N810912	3				
142.34	145.39	3.05	2.92	95.7	N810913	3				
145.39	148.44	3.05	2.91	95.4	N810914	3				
148.44	151.49	3.05	2.74	89.8	N810915	3				
151.49	154.53	3.04	2.99	98.4	N810916	3				
154.53	157.05	2.52	2.49	98.8	N810917	3				
157.05	158.05	1.00	0.99	99	N810918	3				
					N810919	3				BLANK
158.05	159.64	1.59	1.58	99.4	N810920	3				
159.64	160.75	1.11	1.03	92.8	N810921	3				
160.75	162.35	1.60	1.57	98.1	N810922	3				
162.35	163.37	1.02	1.02	100	N810923	3				
					N810924	3				BLANK
163.37	164.43	1.06	1.06	100	N810925	3				
164.43	166.96	2.53	2.40	94.9	N810926	3				
166.96	168.59	1.63	1.60	98.2	N810927	3				
168.59	169.77	1.18	1.05	89	N810928	4				
169.77	172.09	2.32	2.25	97	N810929	4				
					N810930	4				KLAZA STD-2
172.09	174.35	2.26	1.87	82.7	N810931	4				
174.35	175.87	1.52	1.40	92.1	N810932	4				
175.87	177.54	1.67	1.52	91	N810933	4				
					N810934	4				COARSE REJECT DUPLICATE
177.54	178.92	1.38	1.18	85.5	N810935	4				
178.92	179.94	1.02	1.02	100	N810936	4				
179.94	180.97	1.03	1.01	98.1	N810937	4				
180.97	181.97	1.00	1.00	100	N810938	4				
181.97	183.20	1.23	1.22	99.2	N810939	4				
					N810940	4				BLANK
183.20	184.60	1.40	1.35	96.4	N810941	4				
184.60	185.75	1.15	1.15	100	N810942	4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
185.75	187.56	1.81	1.80	99.4	N810943	4				
					N810944	4				QUARTER DUPLICATE
187.56	190.53	2.97	2.35	79.1	N810945	4				Rubble
190.53	192.14	1.61	1.61	100	N810946	4				
192.14	194.16	2.02	2.02	100	N810947	4				
194.16	197.21	3.05	2.97	97.4	N810948	4				
					N810949	4				KLAZA STD-3
197.21	199.80	2.59	2.49	96.1	N810950	4				
199.80	200.82	1.02	1.02	100	N810951	4				
200.82	203.82	3.00	2.95	98.3	N810952	4				
203.82	204.95	1.13	1.13	100	N810953	4				
204.95	207.26	2.31	2.30	99.6	N810954	4				
207.26	209.84	2.58	2.58	100	N810955	4				
209.84	212.45	2.61	2.61	100	N810956	4				
					N810957	4				BLANK
212.45	214.09	1.64	1.64	100	N810958	4				
214.09	216.97	2.88	2.88	100	N810959	4				
216.97	219.65	2.68	2.54	94.8	N810960	4				
219.65	221.67	2.02	1.95	96.5	N810961	4				
221.67	223.12	1.45	1.43	98.6	N810962	4				
223.12	224.14	1.02	1.00	98	N810963	4				
224.14	226.11	1.97	1.96	99.5	N810964	5				
					N810965	5				KLAZA STD-3
226.11	228.45	2.34	2.30	98.3	N810966	5				
228.45	230.73	2.28	2.19	96.1	N810967	5				
230.73	232.20	1.47	1.47	100	N810968	5				
232.20	233.82	1.62	1.62	100	N810969	5				
233.82	236.44	2.62	2.53	96.6	N810970	5				
236.44	237.73	1.29	1.29	100	N810971	5				
					N810972	5				BLANK
237.73	239.60	1.87	1.62	86.6	N810973	5				
239.60	240.62	1.02	1.01	99	N810974	5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
240.62	242.02	1.40	1.40	100	N810975	5				
					N810976	5				QUARTER DUPLICATE
242.02	243.03	1.01	0.99	98	N810977	5				Fractured
243.03	244.46	1.43	1.40	97.9	N810978	5				
244.46	245.74	1.28	1.28	100	N810979	5				
245.74	247.44	1.70	1.70	100	N810980	5				
247.44	249.02	1.58	1.58	100	N810981	5				
249.02	250.02	1.00	0.99	99	N810982	5				
250.02	251.74	1.72	1.72	100	N810983	5				
251.74	253.14	1.40	1.37	97.9	N810984	5				
253.14	254.18	1.04	1.04	100	N810985	5				
254.18	255.88	1.70	1.68	98.8	N810986	5				
					N810987	5				KLAZA STD-2
255.88	258.88	3.00	3.00	100	N810988	5				
258.88	260.44	1.56	1.56	100	N810989	5				
260.44	261.48	1.04	1.02	98.1	N810990	5				
261.48	262.51	1.03	1.00	97.1	N810991	5				
262.51	263.82	1.31	1.31	100	N810992	5				
263.82	264.88	1.06	1.02	96.2	N810993	5				
264.88	267.88	3.00	2.79	93	N810994	5				
					N810995	5				COARSE REJECT DUPLICATE
267.88	270.60	2.72	2.72	100	N810996	5				
270.60	271.72	1.12	1.10	98.2	N810997	5				
271.72	273.78	2.06	1.87	90.8	N810998	5				
					N810999	5				BLANK
273.78	274.80	1.02	1.01	99	N811000	6				
274.80	275.80	1.00	0.99	99	N812566	6				Change tag books
275.80	277.28	1.48	1.47	99.3	N812567	6				
277.28	278.30	1.02	1.02	100	N812568	6				
278.30	280.89	2.59	2.50	96.5	N812569	6				
					N812570	6				COARSE REJECT DUPLICATE
280.89	282.00	1.11	1.11	100	N812571	6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
282.00	284.79	2.79	2.59	92.8	N812572	6				
					N812573	6				KLAZA STD-2
284.79	286.76	1.97	1.97	100	N812574	6				
286.76	289.03	2.27	2.27	100	N812575	6				
289.03	290.47	1.44	1.32	91.7	N812576	6				
					N812577	6				BLANK
290.47	291.69	1.22	1.22	100	N812578	6				
291.69	293.17	1.48	1.40	94.6	N812579	6				
293.17	295.70	2.53	2.44	96.4	N812580	6				
295.70	296.85	1.15	1.04	90.4	N812581	6				
296.85	298.60	1.75	1.75	100	N812582	6				
298.60	299.65	1.05	1.05	100	N812583	6				
299.65	301.10	1.45	1.43	98.6	N812584	6				
301.10	302.12	1.02	1.02	100	N812585	6				
302.12	303.21	1.09	1.00	91.7	N812586	6				
303.21	304.39	1.18	1.18	100	N812587	6				
					N812588	6				BLANK
304.39	306.38	1.99	1.73	86.9	N812589	6				
306.38	308.31	1.93	1.79	92.7	N812590	6				
308.31	309.98	1.67	1.65	98.8	N812591	6				
309.98	311.57	1.59	1.34	84.3	N812592	6				
					N812593	6				KLAZA STD-2
311.57	313.03	1.46	1.45	99.3	N812594	6				
313.03	314.35	1.32	1.32	100	N812595	6				
314.35	315.41	1.06	1.06	100	N812596	6				
					N812597	6				QUARTER DUPLICATE
315.41	316.61	1.20	1.00	83.3	N812598	6				
316.61	319.15	2.54	2.35	92.5	N812599	6				
319.15	321.97	2.82	2.81	99.6	N812600	6				
321.97	323.34	1.37	1.37	100	N812601	7				
323.34	324.96	1.62	1.61	99.4	N812602	7				
324.96	326.24	1.28	0.73	57	N812603	7				Very rubbly

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
326.24	327.86	1.62	1.59	98.1	N812604	7				
					N812605	7				QUARTER DUPLICATE
327.86	329.37	1.51	1.43	94.7	N812606	7				
329.37	331.32	1.95	1.90	97.4	N812607	7				
331.32	332.53	1.21	1.19	98.3	N812608	7				
					N812609	7				BLANK
332.53	334.37	1.84	1.68	91.3	N812610	7				
334.37	337.41	3.04	2.79	91.8	N812611	7				
					N812612	7				KLAZA STD-3
337.41	340.46	3.05	3.01	98.7	N812613	7				
340.46	342.66	2.20	2.14	97.3	N812614	7				
342.66	344.00	1.34	1.11	82.8	N812615	7				
344.00	346.56	2.56	2.56	100	N812616	7				Rubble
					N812617	7				KLAZA STD-2
346.56	347.78	1.22	1.22	100	N812618	7				
347.78	350.03	2.25	1.33	59.1	N812619	7				Very rubbly
					N812620	7				COARSE REJECT DUPLICATE
350.03	351.15	1.12	1.12	100	N812621	7				
351.15	352.91	1.76	1.54	87.5	N812622	7				
352.91	354.60	1.69	1.35	79.9	N812623	7				Rubble
354.60	355.86	1.26	1.26	100	N812624	7				
355.86	358.16	2.30	1.92	83.5	N812625	7				
					N812626	7				BLANK
358.16	359.43	1.27	1.27	100	N812627	7				
359.43	360.73	1.30	1.04	80	N812628	7				
360.73	363.06	2.33	2.34	100	N812629	7				
363.06	364.85	1.79	1.68	93.9	N812630	7				
364.85	367.89	3.04	1.95	64.1	N812631	7				Rubble
367.89	369.33	1.44	1.36	94.4	N812632	7				Rubble
369.33	370.94	1.61	1.61	100	N812633	7				
370.94	372.28	1.34	1.33	99.3	N812634	7				
372.28	374.60	2.32	1.80	77.6	N812635	7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
374.60	376.42	1.82	1.42	78	N812636	7				
376.42	378.97	2.55	2.55	100	N812637	8				
378.97	379.97	1.00	1.00	100	N812638	8				
379.97	381.04	1.07	1.07	100	N812639	8				
381.04	382.87	1.83	1.55	84.7	N812640	8				
					N812641	8				COARSE REJECT DUPLICATE
382.87	383.93	1.06	1.05	99.1	N812642	8				
383.93	386.60	2.67	2.52	94.4	N812643	8				
386.60	387.70	1.10	1.07	97.3	N812644	8				
					N812645	8				BLANK
387.70	389.93	2.23	2.10	94.2	N812646	8				
389.93	391.39	1.46	1.46	100	N812647	8				
					N812648	8				BLANK
391.39	392.50	1.11	1.04	93.7	N812649	8				
392.50	393.79	1.29	1.25	96.9	N812650	8				
393.79	396.09	2.30	2.08	90.4	N812651	8				
396.09	398.37	2.28	2.25	98.7	N812652	8				
398.37	401.42	3.05	3.05	100	N812653	8				
					N812654	8				KLAZA STD-1
401.42	403.54	2.12	2.06	97.2	N812655	8				
403.54	404.63	1.09	1.08	99.1	N812656	8				
404.63	405.82	1.19	1.19	100	N812657	8				
405.82	406.96	1.14	0.98	86	N812658	8				Rubble
406.96	408.13	1.17	1.09	93.2	N812659	8				
408.13	410.70	2.57	2.32	90.3	N812660	8				
410.70	412.84	2.14	2.04	95.3	N812661	8				
412.84	413.94	1.10	1.07	97.3	N812662	8				
413.94	414.94	1.00	1.00	100	N812663	8				
414.94	417.93	2.99	2.71	90.6	N812664	8				
					N812665	8				KLAZA STD-2
417.93	419.71	1.78	1.72	96.6	N812666	8				
					N812667	8				QUARTER DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
419.71	422.17	2.46	2.36	95.9	N812668	8				
422.17	423.29	1.12	1.05	93.7	N812669	8				
423.29	425.59	2.30	2.22	96.5	N812670	8				
425.59	428.00	2.41	1.72	71.4	N812671	8				Rubble
428.00	429.70	1.70	1.70	100	N812672	8				
429.70	430.80	1.10	1.02	92.7	N812673	9				
430.80	432.00	1.20	1.20	100	N812674	9				
432.00	434.95	2.95	2.14	72.5	N812675	9				Rubble
					N812676	9				KLAZA STD-1
434.95	437.04	2.09	1.60	76.6	N812677	9				Rubble
437.04	438.59	1.55	1.54	99.4	N812678	9				
438.59	439.94	1.35	1.33	98.5	N812679	9				
439.94	442.94	3.00	2.87	95.7	N812680	9				
					N812681	9				KLAZA STD-2
442.94	444.25	1.31	1.29	98.5	N812682	9				
					N812683	9				QUARTER DUPLICATE
444.25	445.25	1.00	1.00	100	N812684	9				
445.25	447.08	1.83	1.79	97.8	N812685	9				
447.08	448.34	1.26	1.26	100	N812686	9				
448.34	450.19	1.85	1.83	98.9	N812687	9				
450.19	451.64	1.45	1.45	100	N812688	9				
451.64	454.12	2.48	2.44	98.4	N812689	9				
454.12	455.15	1.03	1.03	100	N812690	9				
455.15	456.63	1.48	1.41	95.3	N812691	9				
456.63	458.43	1.80	1.64	91.1	N812692	9				
458.43	459.52	1.09	1.08	99.1	N812693	9				
459.52	460.87	1.35	1.31	97	N812694	9				
460.87	463.08	2.21	2.21	100	N812695	9				
					N812696	9				COARSE REJECT DUPLICATE
463.08	464.10	1.02	1.02	100	N812697	9				
464.10	466.89	2.79	2.54	91	N812698	9				
466.89	468.48	1.59	1.55	97.5	N812699	9				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
468.48	469.76	1.28	1.18	92.2	N812700	9				
469.76	471.61	1.85	1.73	93.5	N812701	9				
471.61	472.68	1.07	1.05	98.1	N812702	9				
472.68	473.88	1.20	1.15	95.8	N812703	9				
					N812704	9				BLANK
473.88	475.00	1.12	1.04	92.9	N812705	9				
					N812706	9				BLANK
475.00	476.00	1.00	0.99	99	N812707	9				
476.00	477.08	1.08	1.08	100	N812708	9				
477.08	479.47	2.39	2.26	94.6	N812709	10				
479.47	480.67	1.20	1.20	100	N812710	10				
480.67	482.63	1.96	1.93	98.5	N812711	10				
482.63	483.72	1.09	1.03	94.5	N812712	10				
483.72	486.77	3.05	2.48	81.3	N812713	10				Rubble
486.77	488.21	1.44	1.23	85.4	N812714	10				Fractured
488.21	489.81	1.60	1.41	88.1	N812715	10				Fractured
489.81	490.98	1.17	1.16	99.1	N812716	10				Rubble
490.98	492.86	1.88	1.39	73.9	N812717	10				Rubble
492.86	493.86	1.00	0.98	98	N812718	10				
					N812719	10				BLANK
493.86	496.13	2.27	2.27	100	N812720	10				
496.13	498.14	2.01	1.91	95	N812721	10				
498.14	499.43	1.29	1.29	100	N812722	10				
499.43	501.19	1.76	1.68	95.5	N812723	10				
501.19	503.65	2.46	2.46	100	N812724	10				
503.65	506.32	2.67	2.51	94	N812725	10				
506.32	508.00	1.68	1.58	94	N812726	10				
508.00	509.29	1.29	1.28	99.2	N812727	10				
					N812728	10				COARSE REJECT DUPLICATE
509.29	510.34	1.05	1.00	95.2	N812729	10				
510.34	511.34	1.00	1.00	100	N812730	10				
					N812731	10				QUARTER DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
511.34	512.64	1.30	1.28	98.5	N812732	10				
512.64	514.20	1.56	1.56	100	N812733	10				EOH

KLAZA

Hole: KL-DDH-12-121 **Tech Name:** **Date: August 26, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
3.05	4.27	1.22	0.30	25	0.00	0		1	0	4	
4.27	5.79	1.52	0.30	20	0.00	0		1	0	4	
5.79	7.32	1.53	0.75	49	0.14	9		2	0	3	
7.32	7.92	0.60	0.25	42	0.00	0		1	0	3	
7.92	11.28	3.36	2.32	69	0.75	22		2	0	3	
11.28	14.33	3.05	1.85	61	0.44	14		2	0	4	
14.33	17.37	3.04	2.10	69	0.00	0		2	0	2	
17.37	20.42	3.05	2.56	84	0.20	7		1	1	2	
20.42	23.47	3.05	2.66	87	1.50	49		1	1	2	
23.47	26.52	3.05	3.05	100	2.30	75		1	3	2	
26.52	29.57	3.05	2.95	97	2.21	72		1	3	2	
29.57	32.61	3.04	2.94	97	2.15	71		1	1	3	
32.61	35.66	3.05	2.76	90	1.46	48		1	1	2	
35.66	38.71	3.05	2.75	90	2.52	83		1	3	2	
38.71	41.76	3.05	2.87	94	2.14	70		1	3	2	
41.76	44.81	3.05	3.00	98	2.33	76		1	3	1	
44.81	47.85	3.04	2.86	94	2.18	72		1	3	2	
47.85	50.90	3.05	3.00	98	1.91	63		1	3	2	
50.90	53.95	3.05	2.78	91	0.75	25		1	3	2	
53.95	57.00	3.05	2.98	98	1.95	64		1	3	2	
57.00	60.05	3.05	2.71	89	0.49	16		1	3	2	
60.05	63.09	3.04	2.78	91	1.94	64		2	3	3	
63.09	66.14	3.05	3.05	100	1.65	54		1	3	2	
66.14	69.14	3.00	2.60		1.68	56		1	3	2	
69.14	72.24	3.10	3.05	84	2.61	84		2	3	2	
72.24	75.29	3.05	3.05	100	2.74	90		2	3	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	2.94	100	2.38	78		2	3	2	
78.33	81.38	3.05	2.95		2.23	73		2	3	2	
81.38	84.43	3.05	3.05	96	2.71	89		2	3	2	
84.43	87.47	3.04	2.71	97	1.26	41		1	0	2	
87.47	90.52	3.05	2.92	100	2.14	70		1	0	3	
90.52	93.57	3.05	2.98	89	2.26	74		1	0	3	
93.57	96.62	3.05	2.84	96	1.10	36		1	0	3	
96.62	99.67	3.05	2.51	98	1.17	38		1	1	3	
99.67	102.72	3.05	2.69	93	1.27	42		2	2	2	
102.72	105.77	3.05	2.83	82	1.31	43		1	1	2	
105.77	108.81	3.04	2.77	88	1.04	34		1	0	3	
108.81	111.86	3.05	2.93	93	1.69	55		2	1	3	
111.86	114.91	3.05	2.91	91	1.55	51		2	3	2	
114.91	117.96	3.05	2.80	96	2.05	67		2	3	2	
117.96	121.01	3.05	2.76	95	1.31	43		2	3	2	
121.01	124.05	3.04	2.03	92	0.13	4		2	3	2	
124.05	127.10	3.05	2.75	90	1.89	62		1	1	2	
127.10	130.15	3.05	3.02	67	2.40	79		2	3	2	
130.15	133.20	3.05	3.05	90	1.50	49		2	?	1	
133.20	136.25	3.05	2.98	99	2.69	88		2	?	1	
136.25	139.29	3.04	3.02	100	2.75	90		2	?	1	
139.29	142.34	3.05	2.82	98	0.88	29		1	1	3	
142.34	145.39	3.05	2.87	99	1.78	58		2	3	2	
145.39	148.44	3.05	3.01	92	1.23	40		2	3	2	
148.44	151.49	3.05	2.83	94	1.92	63		2	3	2	
151.49	154.53	3.04	3.00	99	1.83	60		2	3	2	
154.53	157.58	3.05	3.05	93	2.74	90		1	3	2	
157.58	160.63	3.05	2.93	98	2.15	70		2	3	2	
160.63	163.68	3.05	3.00	100	1.16	38		2	3	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
163.68	166.73	3.05	2.97	96	2.10	69		2	4	2	
166.73	169.77	3.04	2.95	99	2.25	74		2	3	2	
169.77	172.82	3.05	2.99	97	2.45	80		2	2	2	
172.82	175.87	3.05	2.59	97	1.23	40		2	3	2	
175.87	178.92	3.05	2.72	98	0.99	32		2	3	2	
178.92	181.97	3.05	3.05	85	2.51	82		2	3	2	
181.97	185.01	3.04	3.05	89	2.38	78		2	3	2	
185.01	188.06	3.05	3.05	100	2.98	98		2	3	2	
188.06	191.11	3.05	2.52	100	0.77	25		1	0	3	
191.11	194.16	3.05	3.05	100	1.48	49		1	1	3	
194.16	197.21	3.05	2.89	83	1.59	52		1	3	3	
197.21	200.25	3.04	2.86	100	2.14	70		2	3	2	
200.25	203.30	3.05	2.97	95	2.48	81		2	3	1	
203.30	206.35	3.05	3.01	94	1.26	41		1	1	2	
206.35	209.40	3.05	3.03	97	2.32	76		2	3	1	
209.40	212.45	3.05	3.04	99	2.59	85		2	3	1	
212.45	215.49	3.04	2.98	100	2.42	80		2	3	2	
215.49	218.54	3.05	2.88	100	2.35	77		1	0	3	
218.54	221.59	3.05	2.95	98	2.39	78		2		1	
221.59	224.64	3.05	3.03	94	2.55	84		2		2	
224.64	227.69	3.05	2.97	97	2.33	76		2		2	
227.69	230.73	3.04	2.92	100	2.17	71		2		2	
230.73	233.78	3.05	3.00	97	2.65	87		1		2	
233.78	236.83	3.05	2.99	96	1.41	46		1		2	
236.83	239.88	3.05	2.88	98	1.75	57		2	3	2	
239.88	242.93	3.05	2.99	98	2.47	81		2	3	2	
242.93	245.97	3.04	3.05	98	2.37	78		2	3	1	
245.97	249.02	3.05	3.04	98	2.79	91		2	3	3	
249.02	252.07	3.05	3.06	100	2.38	78		2	1	3	
252.07	255.12	3.05	2.99	100	2.41	79		1	3	3	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
255.12	258.17	3.05	3.03	100	2.69	88		2	3	2	
258.17	261.21	3.04	3.05	101	2.59	85		2	2	2	
261.21	264.26	3.05	2.96	99	2.44	80		1	3	3	
264.26	267.31	3.05	2.92	100	2.77	91		2	3	2	
267.31	270.36	3.05	3.05	97	2.54	83		2	0	2	
270.36	273.41	3.05	2.75	97	0.82	27		1	1	4	
273.41	276.45	3.04	3.02	96	1.89	62		2	2	2	
276.45	279.50	3.05	2.95	90	2.37	78		2	1	2	
279.50	282.55	3.05	3.05	99	2.27	74		1	3	2	
282.55	285.60	3.05	2.90	97	0.90	30		2	3	2	
285.60	288.65	3.05	3.05	97	2.75	90		2	0	2	
288.65	291.69	3.04	2.91	100	1.36	45		1	2	3	
291.69	294.74	3.05	2.84	100	1.41	46		1	3	2	
294.74	297.79	3.05	2.96	95	2.50	82		2	3	2	
297.79	300.84	3.05	2.90	93	2.11	69		2	1	3	
300.84	303.89	3.05	3.05	93	1.62	53		1	0	3	
303.89	306.93	3.04	2.83	97	1.25	41		1	1	4	
306.93	309.98	3.05	2.74	100	1.35	44		1	1	2	
309.98	313.03	3.05	2.86	93	2.03	67		1	2	3	
313.03	316.08	3.05	2.91	93	1.81	59		1	2	2	
316.08	319.13	3.05	2.85	94	1.49	49		2	2	3	
319.13	322.17	3.04	2.99	96	2.91	96		2	3	1	
322.17	325.22	3.05	2.91	95	2.35	77		1	3	2	
325.22	328.27	3.05	2.61	98	0.97	32		2	1	4	
328.27	331.32	3.05	2.90	95	1.74	57		1	3	2	
331.32	334.37	3.05	2.78	95	0.94	31		1	2	3	
334.37	337.41	3.04	2.71	95	0.83	27		2	2	2	
337.41	340.46	3.05	2.97	91	2.07	68		1	2	2	
340.46	343.51	3.05	2.73	91	1.33	44		1	1	3	
343.51	346.56	3.05	3.03	97	0.81	27		1	2	3	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
346.56	349.61	3.05	2.03	90	0.00	0		1	1	2	
349.61	352.65	3.04	2.82	90	1.01	33		2	0	2	
352.65	355.70	3.05	2.68	67	0.87	29		1	2	2	
355.70	358.75	3.05	2.71	92	0.52	17		1	0	3	
358.75	361.80	3.05	2.68	92	1.04	34		2	0	3	
361.80	364.85	3.05	2.82	89	1.93	63		1	3	2	
364.85	367.89	3.04	1.97	88	0.11	4		1	0	3	
367.89	370.94	3.05	2.87	88	1.13	37		1	0	2	
370.94	373.97	3.03	2.50	65	0.84	28		1	0	3	
373.97	377.04	3.07	2.64	93	1.49	49		1	1	3	
377.04	380.09	3.05	2.81	94	2.18	71		1	3	3	
380.09	383.13	3.04	2.00	87	1.26	41		2	0	2	
383.13	386.18	3.05	2.89	92	1.73	57		2	3	1	
386.18	389.23	3.05	2.97	66	1.34	44		2	1	1	
389.23	392.28	3.05	2.85	66	2.30	75		2	1	1	
392.28	395.33	3.05	2.76	97	2.20	72		2	0	1	
395.33	398.37	3.04	3.02	94	2.64	87		2	3	1	
398.37	401.42	3.05	3.04	90	1.70	56		2	3	1	
401.42	404.47	3.05	2.93	90	2.28	75		2	3	1	
404.47	407.52	3.05	2.88	100	1.30	43		1		1	
407.52	410.57	3.05	2.75	96	1.55	51		2		1	
410.57	413.61	3.04	2.87	95	1.13	37		1		1	
413.61	416.66	3.05	2.89	94	1.53	50		1		1	
416.66	419.71	3.05	2.85	94	2.01	66		2		1	
419.71	422.76	3.05	2.80	95	1.71	56		2		1	
422.76	425.81	3.05	2.75	93	1.77	58		2		1	
425.81	428.85	3.04	2.60	94	0.36	12		1		1	
428.85	431.90	3.05	2.82	90	2.53	83		2		1	
431.90	434.95	3.05	2.60	85	0.25	8		1	0	1	
434.95	438.00	3.05	2.68	92	0.28	9		1	1	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
438.00	441.05	3.05	2.82	92	1.51	50		2	4	1	
441.05	444.09	3.04	2.99	88	1.69	56		2	3	1	
444.09	447.14	3.05	2.90	92	0.64	21		1	0	1	
447.14	450.19	3.05	2.97	98	1.71	56		2	1	1	
450.19	453.24	3.05	2.95	95	1.57	51		2	0	1	
453.24	456.29	3.05	2.99	97	2.59	85		2	0	1	
456.29	459.33	3.04	2.91	97	1.43	47		2	0	1	
459.33	462.38	3.05	3.02	98	2.59	85		2	3	1	
462.38	465.43	3.05	2.80	95	2.30	75		1	1	3	
465.43	468.48	3.05	2.98	99	2.59	85		2	3	2	
468.48	471.53	3.05	3.00	92	2.11	69		2	3	1	
471.53	474.57	3.04	2.94	98	2.76	91		2	1	2	
474.57	477.62	3.05	3.00	98	2.90	95		1	0	3	
477.62	480.67	3.05	2.97	96	2.10	69		2	0	2	
480.67	483.72	3.05	3.00	98	2.31	76		2	0	1	
483.72	486.77	3.05	2.77	97	0.27	9		1	0	1	
486.77	489.81	3.04	2.76	99	0.65	21		2	0	1	
489.81	492.86	3.05	2.67	91	0.15	5		1	0	1	
492.86	495.91	3.05	2.94	90	1.87	61		2	0	1	
495.91	498.96	3.05	2.94	88	1.89	62		2	1	1	
498.96	502.01	3.05	3.01	96	2.64	87		2	3	1	
502.01	505.05	3.04	2.95	97	2.83	93		2	3	1	
505.05	508.10	3.05	2.82	99	1.74	57		2	3	1	
508.10	511.15	3.05	3.05	97	2.80	92		2	3	1	
511.15	514.20	3.05	3.05	92	2.92	96		2	3	1	
	EOH @ 514.20m										

KLAZA

Hole: KL-DDH-12-121 **Tech Name:Perry Penner** **Date: Au** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
3.05	4.27		0.00						
4.27	5.79		0.00						
5.79	7.32		0.00						
7.32	7.92		0.00						
7.92	11.28		0.00						
11.28	14.33		0.00						
14.33	17.37		0.00						
17.37	20.42		0.00						
20.42	23.47		0.00						
23.47	26.52		0.00						
26.52	29.57		30.00	0.19	0.00	2.00	2.00	2.00	
29.57	32.61		0.00						
32.61	35.66		0.00						
35.66	38.71		0.00						
38.71	41.76		0.00						
41.76	44.81		65.00	0.21	0.00	1.00	2.00	2.00	
44.81	47.85		60.00	0.53	0.00	2.00	2.00	2.00	
47.85	50.90		60.00	0.53	0.00	1.00	2.00	2.00	
50.90	53.95		0.00	0.00					
53.95	57.00		0.00	0.00	0.00				
57.00	60.05		65.00	0.49	0.00	2.00	2.00	2.00	
60.05	63.09		70.00	0.50	0.00	2.00	2.00	2.00	
63.09	66.14		0.00						
66.14	69.14		60.00	0.20	0.00	1.00	2.00	2.00	
69.14	72.24		30.00	0.50	0.00	2.00	3.00	2.00	
72.24	75.29		60.00	0.51	0.00	2.00	2.00	2.00	
75.29	78.33		60.00	0.10	0.00	2.00	2.00	2.00	
78.33	81.38		50.00	0.02	0.00	2.00	2.00	2.00	

KLAZA

81.38	84.43		30.00	0.03	0.00	2.00	3.00	2.00	
84.43	87.47		35.00	0.16	0.00	2.00	3.00	2.00	
87.47	90.52		65.00	0.07	0.00	2.00	3.00	2.00	
90.52	93.57		45.00	0.33	0.00	2.00	3.00	1.00	
93.57	96.62		0.00	0.00	0.00	0.00			
96.62	99.67		40.00	0.22	0.00	2.00	2.00	2.00	
99.67	102.72		40.00	0.16	0.00	2.00	3.00	2.00	
102.72	105.77		40.00	0.03	0.00	2.00	2.00	2.00	
105.77	108.81		65.00	0.03	0.00	2.00	2.00	2.00	
108.81	111.86		25.00	0.07	1.00	2.00	3.00	3.00	
111.86	114.91		0.00	0.00	0.00	0.00			
114.91	117.96		80.00	0.16	0.00	2.00	3.00	2.00	
117.96	121.01		0.00						
121.01	124.05		0.00						
124.05	127.10		25.00	0.18	0.00	2.00	3.00	2.00	
127.10	130.15		45.00	0.08	0.00	2.00	3.00	2.00	
130.15	133.20		30.00	0.06	0.00	1.00	2.00	3.00	
133.20	136.25		0.00	0.00	0.00	0.00			
136.25	139.29		20.00	1.50	0.00	2.00	3.00	2.00	
139.29	142.34		80.00	0.03	0.00	3.00	2.00	2.00	
142.34	145.39		60.00	0.03	0.00	3.00	3.00	2.00	
145.39	148.44		75.00	0.19	0.00	2.00	2.00	2.00	
148.44	151.49		60.00	0.07	0.00	1.00	2.00	2.00	
151.49	154.53		60.00	0.23	0.00	1.00	2.00	2.00	
154.53	157.58		60.00	0.22	0.00	2.00	3.00	2.00	
157.58	160.63		65.00	0.29	0.00	2.00	3.00	2.00	
160.63	163.68		50.00	0.29	0.00	2.00	3.00	2.00	
163.68	166.73		45.00	0.09	0.00	2.00	3.00	2.00	
166.73	169.77		30.00	1.20	0.00	3.00	3.00	2.00	
169.77	172.82		50.00	0.56	0.00	2.00	2.00	2.00	
172.82	175.87		55.00	0.06	0.00	2.00	2.00	2.00	
175.87	178.92		50.00	0.10	0.00	2.00	3.00	2.00	
178.92	181.97		70.00	0.04	0.00	2.00	2.00	2.00	
181.97	185.01		70.00	0.39	0.00	2.00	3.00	2.00	
185.01	188.06		70.00	0.22	0.00	2.00	2.00	2.00	
188.06	191.11		40.00	0.08	1.00	2.00	2.00	2.00	
191.11	194.16		70.00	0.15	1.00	1.00	2.00	2.00	
194.16	197.21		65.00	0.13	0.00	1.00	2.00	2.00	

KLAZA

197.21	200.25		65.00	0.19	0.00	1.00	2.00	2.00	
200.25	203.30		60.00	0.18	1.00	2.00	2.00	2.00	
203.30	206.35		50.00	0.13	0.00	2.00	3.00	2.00	
206.35	209.40		65.00	0.14	0.00	2.00	2.00	2.00	
209.40	212.45		55.00	0.28	0.00	2.00	2.00	2.00	
212.45	215.49		65.00	0.24	0.00	2.00	2.00	2.00	
215.49	218.54		60.00	0.14	0.00	2.00	2.00	2.00	
218.54	221.59		65.00	0.74	0.00	2.00	2.00	2.00	
221.59	224.64		70.00	0.23	1.00	2.00	2.00	2.00	
224.64	227.69		45.00	0.03	0.00	2.00	1.00	2.00	
227.69	230.73		70.00	0.29	0.00	1.00	2.00	2.00	
230.73	233.78		65.00	0.36	0.00	1.00	2.00	2.00	
233.78	236.83		50.00	0.24	0.00	1.00	1.00	2.00	
236.83	239.88		40.00	0.10	2.00	2.00	2.00		
239.88	242.93		50.00	0.09	1.00	2.00	3.00	2.00	
242.93	245.97		35.00	0.04	0.00	2.00	3.00	2.00	
245.97	249.02		65.00	0.27	1.00	2.00	2.00		
249.02	252.07		55.00	0.26	0.00	2.00	2.00	2.00	
252.07	255.12		60.00	0.18	0.00	2.00	2.00		
255.12	258.17		0.00						
258.17	261.21		70.00	0.04	0.00	2.00	2.00	2.00	
261.21	264.26		60.00	0.00	70.00	2.00	2.00	3.00	
264.26	267.31		50.00	0.14	0.00	1.00	3.00	2.00	
267.31	270.36		0.00						
270.36	273.41		70.00	0.05	1.00	2.00	3.00	2.00	
273.41	276.45		30.00	0.07	0.00	3.00	3.00	2.00	
276.45	279.50		45.00	0.30	0.00	2.00	3.00	2.00	
279.50	282.55		60.00	0.35	0.00	2.00	2.00		
282.55	285.60		50.00	0.06	0.00	2.00	2.00	2.00	
285.60	288.65		40.00	0.17	0.00	3.00	2.00	2.00	
288.65	291.69		55.00	0.13	0.00	2.00	3.00	2.00	
291.69	294.74		55.00	0.15	0.00	1.00	2.00	2.00	
294.74	297.79		25.00	0.25	0.00	2.00	3.00	1.00	
297.79	300.84		50.00	0.08	1.00	2.00	3.00	2.00	
300.84	303.89		63.00	0.23	1.00	2.00	3.00	3.00	
303.89	306.93		55.00	0.07	0.00	2.00	2.00	2.00	
306.93	309.98		45.00	0.03	1.00	2.00	3.00	2.00	
309.98	313.03		0.00	0.00	0.00	0.00	0.00		

KLAZA

313.03	316.08		55.00	0.22	0.00	2.00	3.00	2.00	
316.08	319.13		40.00	0.00	60.00	1.00	1.00	4.00	
319.13	322.17		0.00						
322.17	325.22		0.00						
325.22	328.27		0.00						
328.27	331.32		60.00	0.25	0.00	2.00	2.00	3.00	
331.32	334.37		50.00	0.31	0.00	2.00	2.00	2.00	
334.37	337.41		60.00	0.72	0.00	2.00	2.00	2.00	
337.41	340.46		0.00	0.00	0.00	0.00			
340.46	343.51		60.00	0.45	0.00	1.00	2.00	2.00	
343.51	346.56		0.00						
346.56	349.61		0.00						
349.61	352.65		55.00	0.15	0.00	1.00	2.00	2.00	
352.65	355.70		0.00						
355.70	358.75		0.00						
358.75	361.80		0.00						
361.80	364.85		0.00						
364.85	367.89		0.00						
367.89	370.94		0.00						
370.94	373.97		0.00						
373.97	377.04		0.00						
377.04	380.09		60.00	0.21	0.00	1.00	2.00	2.00	
380.09	383.13		60.00	0.35	0.00	2.00	2.00	2.00	
383.13	386.18		45.00	0.15	0.00	3.00	2.00	1.00	
386.18	389.23		60.00	0.15	1.00	2.00	2.00	1.00	
389.23	392.28		45.00	0.50	0.00	2.00	21.00		
392.28	395.33		65.00	0.30	0.00	2.00	21.00		
395.33	398.37		0.00	0.00	0.00	0.00			
398.37	401.42		45.00	0.45	1.00	2.00	2.00	1.00	
401.42	404.47		45.00	0.15	0.00	2.00	2.00	1.00	
404.47	407.52		55.00	0.75	0.00	1.00	2.00	1.00	
407.52	410.57		60.00	0.40	0.00	2.00	21.00		
410.57	413.61		60.00	0.60	0.00	1.00	3.00	1.00	
413.61	416.66		45.00	0.20	2.00	2.00	3.00	1.00	
416.66	419.71		45.00	0.20	0.00	3.00	3.00	1.00	
419.71	422.76		45.00	0.10	1.00	2.00	3.00	1.00	
422.76	425.81		0.00						
425.81	428.85		0.00						

KLAZA

428.85	431.90		60.00	0.30	0.00	2.00	3.00	1.00	
431.90	434.95		0.00						
434.95	438.00		0.00						
438.00	441.05		50.00	0.15	0.00	2.00	2.00	1.00	
441.05	444.09		50.00	0.15	0.00	2.00	2.00	1.00	
444.09	447.14		70.00	0.20	0.00	2.00	2.00	1.00	
447.14	450.19		50.00	0.25	0.00	1.00	2.00	1.00	
450.19	453.24		50.00	0.40	0.50	1.00	2.00	1.00	
453.24	456.29		0.00						
456.29	459.33		0.00						
459.33	462.38		0.00						
462.38	465.43		0.00						
465.43	468.48		55.00	0.18	0.00	1.00	2.00	1.00	
468.48	471.53		50.00	0.27	0.00	2.00	2.00	1.00	
471.53	474.57		55.00	0.23	0.00	2.00	2.00	2.00	
474.57	477.62		0.00	0.00	2.00	0.00	0.00		
477.62	480.67		60.00	0.46	0.00	1.00	2.00	1.00	
480.67	483.72		0.00	0.00	0.00	0.00			
483.72	486.77		0.00	0.00	0.00	0.00	0.00		
486.77	489.81		25.00	0.60	1.00	2.00	2.00	1.00	
489.81	492.86		0.00						
492.86	495.91		65.00	0.30	0.00	2.00	2.00	1.00	
495.91	498.96		0.00	0.00	0.00	0.00	0.00	0.00	
498.96	502.01		80.00	0.32	0.00	12.00	1.00	1.00	
502.01	505.05		60.00	0.56	2.00	2.00	1.00	1.00	
505.05	508.10		0.35	0.17	0.00	2.00	3.00	2.00	
508.10	511.15		60.00	0.06	2.00	1.00	3.00	3.00	
511.15	514.20		55.00	1.64	0.00	1.00	2.00	2.00	
	EOH @ 514.20m								

KLAZA

Hole: KL-DDH-12-121 Date: August 26, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00	1.61	
4.00	0.51	
5.00	0.67	
6.00	1.31	
7.00	1.18	
8.00	3.45	
9.00	17.60	
10.00	16.70	
11.00	1.02	
12.00	0.76	
13.00	0.12	
14.00	0.14	
15.00	0.20	
16.00	0.23	
17.00	0.62	
18.00	0.42	
19.00	0.05	
20.00	0.25	
21.00	0.07	
22.00	0.16	
23.00	0.34	
24.00	0.21	
25.00	0.64	
26.00	0.42	
27.00	0.31	
28.00	1.15	
29.00	3.87	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	2.14	
31.00	10.20	
32.00	0.34	
33.00	0.03	
34.00	0.16	
35.00	0.20	
36.00	6.89	
37.00	1.02	
38.00	13.00	
39.00	1.83	
40.00	5.32	
41.00	7.19	
42.00	0.76	
43.00	0.38	
44.00	0.32	
45.00	0.09	
46.00	0.10	
47.00	0.21	
48.00	0.10	
49.00	0.20	
50.00	0.12	
51.00	0.05	
52.00	0.07	
53.00	0.07	
54.00	0.21	
55.00	0.09	
56.00	0.31	
57.00	0.09	
58.00	0.20	
59.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.34	
61.00	0.12	
62.00	0.07	
63.00	0.25	
64.00	0.23	
65.00	0.14	
66.00	0.16	
67.00	0.23	
68.00	0.16	
69.00	0.07	
70.00	0.23	
71.00	0.18	
72.00	0.25	
73.00	0.49	
74.00	0.32	
75.00	0.34	
76.00	0.21	
77.00	0.71	
78.00	0.86	
79.00	0.29	
80.00	0.29	
81.00	1.18	
82.00	0.16	
83.00	0.18	
84.00	0.71	
85.00	0.12	
86.00	0.36	
87.00	0.56	
88.00	0.40	
89.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.31	
91.00	0.38	
92.00	0.38	
93.00	0.91	
94.00	0.16	
95.00	0.25	
96.00	0.60	
97.00	1.84	
98.00	0.36	
99.00	0.56	
100.00	17.20	
101.00	0.38	
102.00	0.80	
103.00	5.30	
104.00	0.42	
105.00	0.34	
106.00	0.56	
107.00	0.34	
108.00	0.53	
109.00	0.38	
110.00	0.21	
111.00	0.78	
112.00	11.10	
113.00	23.30	
114.00	4.83	
115.00	18.00	
116.00	29.80	
117.00	27.30	
118.00	28.50	
119.00	1.73	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.70	
121.00	0.38	
122.00	0.16	
123.00	0.18	
124.00	0.47	
125.00	0.25	
126.00	1.31	
127.00	0.18	
128.00	5.98	
129.00	0.43	
130.00	0.34	
131.00	0.49	
132.00	0.29	
133.00	0.25	
134.00	0.45	
135.00	0.80	
136.00	3.00	
137.00	0.42	
138.00	0.25	
139.00	0.18	
140.00	0.27	
141.00	0.20	
142.00	0.47	
143.00	12.20	
144.00	12.80	
145.00	24.70	
146.00	15.50	
147.00	6.35	
148.00	23.60	
149.00	18.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	26.40	
151.00	31.20	
152.00	31.00	
153.00	1.75	
154.00	30.10	
155.00	1.75	
156.00	30.10	
157.00	2.81	
158.00	0.53	
159.00	2.36	
160.00	4.57	
161.00	0.31	
162.00	0.16	
163.00	0.54	
164.00	0.32	
165.00	0.80	
166.00	2.47	
167.00	0.47	
168.00	0.98	
169.00	1.48	
170.00	1.90	
171.00	1.59	
172.00	2.70	
173.00	30.10	
174.00	6.33	
175.00	30.10	
176.00	10.70	
177.00	28.50	
178.00	0.82	
179.00	0.67	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.34	
181.00	?	
182.00	?	
183.00	?	
184.00	?	
185.00	1.37	
186.00	1.75	
187.00	0.54	
188.00	0.34	
189.00	25.00	
190.00	5.56	
191.00	0.40	
192.00	0.40	
193.00	0.42	
194.00	14.50	
195.00	27.40	
196.00	0.96	
197.00	2.69	
198.00	0.67	
199.00	10.40	
200.00	13.90	
201.00	30.10	
202.00	14.20	
203.00	15.80	
204.00	0.82	
205.00	0.38	
206.00	3.16	
207.00	0.80	
208.00	0.73	
209.00	13.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.56	
211.00	0.20	
212.00	0.29	
213.00	0.67	
214.00	0.27	
215.00	0.34	
216.00	0.36	
217.00	13.60	
218.00	0.71	
219.00	1.04	
220.00	0.60	
221.00	0.51	
222.00	0.49	
223.00	5.05	
224.00	1.04	
225.00	31.30	
226.00	31.70	
227.00	16.20	
228.00	13.00	
229.00	12.60	
230.00	7.77	
231.00	0.75	
232.00	0.38	
233.00	0.43	
234.00	3.33	
235.00	0.31	
236.00	17.10	
237.00	0.32	
238.00	0.14	
239.00	0.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.34	
241.00	0.34	
242.00	1.24	
243.00	0.69	
244.00	33.70	
245.00	16.30	
246.00	14.30	
247.00	31.50	
248.00	4.59	
249.00	25.60	
250.00	13.20	
251.00	18.60	
252.00	28.50	
253.00	31.60	
254.00	23.90	
255.00	27.90	
256.00	29.80	
257.00	31.00	
258.00	26.80	
259.00	14.50	
260.00	1.04	
261.00	49.00	
262.00	0.51	
263.00	0.49	
264.00	0.32	
265.00	0.36	
266.00	0.56	
267.00	0.65	
268.00	1.31	
269.00	11.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.54	
271.00	0.29	
272.00	0.56	
273.00	0.20	
274.00	0.53	
275.00	0.54	
276.00	4.26	
277.00	6.80	
278.00	0.40	
279.00	9.71	
280.00	0.38	
281.00	2.23	
282.00	0.36	
283.00	4.68	
284.00	11.90	
285.00	4.99	
286.00	1.72	
287.00	21.30	
288.00	0.29	
289.00	0.34	
290.00	0.12	
291.00	0.14	
292.00	0.45	
293.00	0.34	
294.00	0.65	
295.00	0.34	
296.00	0.31	
297.00	0.27	
298.00	0.43	
299.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.21	
301.00	0.25	
302.00	0.27	
303.00	0.36	
304.00	0.18	
305.00	0.43	
306.00	0.34	
307.00	0.21	
308.00	0.20	
309.00	0.34	
310.00	0.32	
311.00	0.64	
312.00	0.38	
313.00	0.36	
314.00	0.49	
315.00	20.30	
316.00	0.40	
317.00	0.71	
318.00	24.60	
319.00	28.50	
320.00	13.50	
321.00	31.10	
322.00	1.11	
323.00	35.70	
324.00	17.60	
325.00	16.30	
326.00	7.19	
327.00	1.04	
328.00	0.20	
329.00	0.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.10	
331.00	0.18	
332.00	0.27	
333.00	0.42	
334.00	0.45	
335.00	0.20	
336.00	14.60	
337.00	10.60	
338.00	0.36	
339.00	0.25	
340.00	1.33	
341.00	0.12	
342.00	0.69	
343.00	0.16	
344.00	6.82	
345.00	0.65	
346.00	0.51	
347.00	1.88	
348.00	3.75	
349.00	19.10	
350.00	0.29	
351.00	0.10	
352.00	0.56	
353.00	0.31	
354.00	3.66	
355.00	2.41	
356.00	0.71	
357.00	0.21	
358.00	0.18	
359.00	22.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.47	
361.00	16.00	
362.00	19.00	
363.00	0.18	
364.00	23.00	
365.00	0.47	
366.00	0.40	
367.00	0.21	
368.00	0.10	
369.00	0.38	
370.00	0.43	
371.00	0.51	
372.00	0.01	
373.00	0.23	
374.00	0.21	
375.00	0.09	
376.00	0.29	
377.00	1.77	
378.00	0.32	
379.00	0.09	
380.00	0.65	
381.00	3.55	
382.00	0.12	
383.00	0.09	
384.00	0.32	
385.00	7.50	
386.00	0.40	
387.00	0.36	
388.00	0.31	
389.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	0.20	
391.00	0.67	
392.00	0.20	
393.00	0.27	
394.00	0.47	
395.00	0.36	
396.00	0.52	
397.00	0.09	
398.00	0.14	
399.00	0.22	
400.00	3.76	
401.00	5.81	
402.00	0.54	
403.00	0.51	
404.00	0.68	
405.00	0.36	
406.00	0.43	
407.00	0.65	
408.00	0.25	
409.00	0.01	
410.00	1.40	
411.00	1.78	
412.00	0.96	
413.00	0.58	
414.00	0.89	
415.00	0.25	
416.00	0.23	
417.00	0.88	
418.00	0.91	
419.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	0.25	
421.00	0.54	
422.00	0.60	
423.00	0.12	
424.00	0.25	
425.00	0.87	
426.00	0.76	
427.00	0.76	
428.00	0.11	
429.00	0.38	
430.00	0.10	
431.00	0.32	
432.00	0.41	
433.00	0.12	
434.00	0.10	
435.00	0.12	
436.00	0.07	
437.00	1.37	
438.00	0.31	
439.00	0.65	
440.00	0.34	
441.00	0.27	
442.00	1.53	
443.00	9.13	
444.00	4.61	
445.00	0.75	
446.00	0.14	
447.00	2.06	
448.00	0.12	
449.00	1.92	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	0.47	
451.00	0.54	
452.00	19.80	
453.00	14.00	
454.00	0.60	
455.00	0.23	
456.00	0.18	
457.00	0.10	
458.00	0.29	
459.00	0.10	
460.00	0.16	
461.00	0.21	
462.00	1.83	
463.00	2.15	
464.00	1.40	
465.00	0.16	
466.00	0.23	
467.00	0.09	
468.00	0.38	
469.00	0.21	
470.00	0.09	
471.00	0.16	
472.00	0.14	
473.00	0.09	
474.00	0.09	
475.00	0.25	
476.00	0.18	
477.00	0.14	
478.00	0.16	
479.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
480.00	0.03	
481.00	0.05	
482.00	0.16	
483.00	0.03	
484.00	0.25	
485.00	0.07	
486.00	0.10	
487.00	0.34	
488.00	0.10	
489.00	0.34	
490.00	0.07	
491.00	0.10	
492.00	0.12	
493.00	0.05	
494.00	0.31	
495.00	0.07	
496.00	0.05	
497.00	0.07	
498.00	0.12	
499.00	0.10	
500.00	0.21	
501.00	0.21	
502.00	11.30	
503.00	26.70	
504.00	0.25	
505.00	0.65	
506.00	0.27	
507.00	0.10	
508.00	0.53	
509.00	0.16	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
510.00	0.31	
511.00	0.65	
512.00	2.65	
513.00	0.25	
514.00	0.21	
	EOH @ 514.20m	

KLAZA

Hole: **KL-DDH-12-121** **Date: August 26, 2012**

Box #	From (m)	To (m)
1	0.00	10.28
2	10.28	16.00
3	16.00	20.35
4	20.35	25.80
5	25.80	31.51
6	31.51	36.88
7	36.88	42.27
8	42.27	47.85
9	47.85	53.27
10	53.27	59.53
11	59.53	64.34
12	64.34	69.73
13	69.73	75.43
14	75.43	81.29
15	81.29	86.91
16	86.91	92.24
17	92.24	97.40
18	97.40	103.07
19	103.07	108.34
20	108.34	113.51
21	113.51	119.01
22	119.01	124.62
23	124.62	130.15
24	130.15	135.55
25	135.55	140.93
26	140.93	146.43
27	146.43	151.71
28	151.71	157.42
29	157.42	163.05

KLAZA

30	163.05	168.74
31	168.74	174.35
32	174.35	180.84
33	180.84	185.28
34	185.28	190.96
35	190.96	196.14
36	196.14	201.72
37	201.72	207.26
38	207.26	213.11
39	213.11	218.92
40	218.92	224.84
41	224.84	230.73
42	230.73	236.47
43	236.47	242.13
44	242.13	247.93
45	247.93	253.77
46	253.77	259.63
47	259.63	265.32
48	265.32	271.16
49	271.16	276.87
50	276.87	282.45
51	282.45	287.78
52	287.78	293.17
53	293.17	298.88
54	298.88	304.18
55	304.18	309.47
56	309.47	315.13
57	315.13	320.62
58	320.62	331.98
59	331.98	337.63
60	337.63	343.51
61	343.51	349.31
62	349.31	354.60
63	354.60	360.10
64	360.10	365.37
65	365.37	370.66
66	370.66	376.38

KLAZA

67	376.38	381.44
68	381.44	387.02
69	387.02	393.88
70	393.88	398.84
71	398.84	404.42
72	404.42	410.32
73	410.32	416.07
74	416.07	421.75
75	421.75	426.78
76	426.78	432.58
77	432.58	438.00
78	438.00	443.30
79	443.30	449.13
80	449.13	454.74
81	454.74	460.73
82	460.73	466.74
83	466.74	472.52
84	472.52	478.15
85	478.15	483.51
86	483.51	488.40
87	488.40	493.67
88	493.61	499.31
89	499.31	505.23
90	505.23	511.10
91	511.10	514.20
		EOH @ 514.20m

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382570.47	6890441.8	1354.001	316.08

ZONE: Klaza

SECTION:

HOLE: DDH-KL-12-122

CLAIM: KLAZA 38 - YD09218

Contractor: Platinum

Drill: 4

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 25th - Aug 28th, 2012

Geology logged by: Gareth Wolff

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	37	-50	Compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	7.00		OVB	Oxidized overburden.
7.00	16.80		GRD	Argillic altered, oxidized granodiorite.
16.80	176.73		GRD	Unaltered to propylitic granodiorite, with patchy argillic to phyllic alteration envelopes around crosscutting mineralized veins.
176.73	179.93		FEL	Red-brown quartz feldspar porphyry dyke.
179.93	228.72		GRD	Weakly propylitic granodiorite, with argillic to phyllic alteration envelopes around crosscutting mineralized veins.
228.72	234.95		FEL	Tan-brown quartz feldspar porphyry dyke.
234.95	238.40		GRD	Phyllic altered granodiorite, silica-flooded with pyrite mineralized quartz vein.
238.40	249.02		FEL	Tan-grey to dark brown to red-brown-green-white quartz feldspar porphyry dyke.
249.02	297.24		GRD	Weakly propylitic, silicified granodiorite with patchy phyllic envelopes around crosscutting veinlets.
297.24	302.95		GRD	Strongly mineralized phyllic altered granodiorite, hosting massive pyrite, galena, sphalerite, arsenopyrite, and sulphosalts, with blebby chalcopyrite.
302.95	316.08		GRD	Weakly propylitic granodiorite, with argillic to phyllic alteration envelopes around crosscutting mineralized veinlets.
				EOH @ 316.08m

SAMPLES

Numbers: M359434 - M359662

Total: 229

Batch: 122 #1-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-122 **Logger Name:** **Gareth Wolff** **Date: August 29, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	7.00	7.00					OVB		DK	OR	RB	5I									Oxidized overburden, rubble.
7.00	14.40	7.40				mKgW	GRD	MG	MD	GY	FR	3I		ARG	2I						Fractured to rubbly oxidized granodiorite with patchy argillic alteration. Netted black stringers.
14.40	16.80	2.40				mKgW	GRD	MG	LT	GY	PA	4I	3I	ARG	2I	<1					Argillic to phyllic alteration envelope, with patchy orange exidation and pink hematite staining, encompassing smoky quartz-flooded zone and pyrite-bearing quartz stringers and veinlets.
														PHC	4I						
16.80	30.21	13.41				mKgW	GRD	MG	MD	GY	MA	2I		PRO	1I	1.00					Unaltered granodiorite with yellow-orange oxidation on fractures. Disseminated fine pyrite blebs. Oxidized carbonate stringers. Trace propylitic alteration.
30.21	34.42	4.21				mKgW	GRD	MG	LT	GN	EN	2I	2I	ARG	2I	5.00		Gn	1.00		Phyllic alteration envelope encompassing black siliceous breccia hosting pyrite, sphalerite and galena blebs. Patchy argillic alteration, swollen and crumbly, oxidation on fractures. Zones of quartz flooding with disseminated pyrite blebs.
														PHC	4I			Sp	1.00		
34.42	35.15	0.73				mKgW	GRD	MG	MD	GY	MA					1.00					Unaltered granodiorite, hosting disseminated pyrite blebs.
35.15	41.35	6.20				mKgW	GRD	MG	LT	GN	EN		2I	ARG	3I	5.00		Gn	1.00		Patchy argillic to phyllic envelope encompassing a smoky silica flooded zone with semi-massive pyrite, and a black siliceous pyrite-bearing breccia. Disseminated pyrite throughout interval. Pyrite, galena and sphalerite-bearing veinlets of carbonate and quartz.
														PHC	4I			Sp	1.00		
41.35	59.60	18.25				mKgW	GRD	MG	MD	GY		1I	2I	PRO	2I	1.00		Gn	<1		Silicified granodiorite, with disseminated pyrite grains and blebs. Lightly propylitic. Phyllic envelopes around quartz-carbonate pyrite and sphalerite mineralized veinlets.
																		Sp	<1		
			43.25	46.50	3.25	mKgW	GRD	MG	DK	GN	EN	1I	2I	PRO	4I	3.00					Propylitic to phyllic alteration envelope with trace argillic alteration. Disseminated pyrite blebs and fine semi-massive pyrite. Lightly silicified with quartz eyes. Strongly carbonaceous, with carbonate stringers. Strong yellow-orange oxidation on fractures.
									MD	GN				ARG	1I						
														PHC	3I						
			46.72	49.74	3.02	mKgW	GRD	MG	LT	GN	EN	2I	2I	ARG	3I	2.00					Argillic to phyllic alteration envelope, hosting disseminated pyrite. Light to moderately silicified. Orange-yellow limonite and scorodite oxidation on fractures. Quartz-carbonate stringers and veinlets with hematite staining.
														PHC	3I						
			52.60	53.60	1.00	mKgW	GRD	MG	LT	GN	EN			ARG	2I	1.00					Phyllic envelope around pyrite-bearing quartz-carbonate veinlet. Argillic alteration at edges.
														PHC	3I						
59.60	66.37	6.77				mKgW	GRD	MG		WH		1I		ARG	3I	3.00		Sp	1.00		Moderate to strongly argillic altered granodiorite, grading to phyllic altered around quartz-carbonate veinlets hosting pyrite, sphalerite and rare galena. Oxidation on fractures, yellow-orange scorodite. Disseminated pyrite.
									LT	GN				PHC	2I			Gn	<1		
			64.95	66.32	1.37	mKgW	GRD	MG	LT	GN		2I	3I	PHC	4I	5.00	1.00	Sp	1.00		Phyllic alteration envelope encompassing four approximately 90 degrees to core axis (TCA) quartz veins hosting semi-massive pyrite and sphalerite, and disseminated galena and arsenopyrite. Pyrite stringers and quartz-carbonate +/- pyrite veinlets. Pervasive silicification.
																		Gn	<1		
66.37	151.30	84.93				mKgW	GRD	MG	DK	GY	PA	1I	2I	PRO	3I	2.00		Sp	<1		Propylitic granodiorite, grading to argillic and phyllic alteration around pyrite-mineralized quartz veins and veinlets. Patchy oxidation on fractures at start of interval. Clay altered carbonate veinlets throughout.
														ARG	2I			Gn	<1		

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PHC	1I						
			72.68	75.75	3.07	mKgW	GRD	MG		WH	EN	2I		ARG	4I	1.00					Argillic alteration envelope encompassing milky quartz-carbonate veins and veinlets, with phyllic selvages. Pyrite mineralization in veinlets.
														PHC	2I						
			78.90	83.18	4.28	mKgW	GRD	MG		WH	PA		2I	ARG	4I	1.00		Sp	<1		Patchy alternating argillic to phyllic alteration envelopes, grading to strongly phyllic around several quartz-carbonate veins and veinlets, including 2 quartz veins with massive pyrite and trace sphalerite and galena; and one vein with honey-brown sphalerite in coarse blebs and blebby pyrite and galena.
									LT	GN				PHC	3I			Gn	<1		
			120.37	121.43	1.06	mKgW	GRD	MG	LT	GN	EN			PRO	2I	<1					Envelope of propylitic to argillic altered granodiorite, grading to phyllic around smoky crustiform quartz vein with disseminated pyrite. Patchy potassic overprint. Crumbly argillic alteration at end of interval. Extensive carbonate stringers throughout.
									MD	GY				ARG	3I						
														PHC	3I						
														POT	2I						
			134.85	137.27	2.42	mKgW	GRD	MG	LT	GN	PA		2I	ARG	2I	2.00	<1	Gn?	<1		Phyllic alteration envelope, grading from light phyllic and argillic altered to strong phyllic around several pyrite stringers and quartz-pyrite veins. Envelope encompasses a black siliceous brecia hosting blebby pyrite. Trace arsenopyrite associated wtih pyrite, and possible disseminated galena in veins.
														PHC	3I						
151.30	163.28	11.98				mKgW	GRD	MG	LT	GN	PA		3I	ARG	3I	5.00					Patchy argillic to phyllic altered granodiorite, grading to strongly phyllic altered around well-mineralized quartz veins and zones of quartz flooding.
										WH				PHC	4I						
163.28	176.73	13.45				mKgW	GRD	MG	DK	GN	PA		2I	PRO	3I						
														ARG	2I	1.00					Patchy, propylitic altered granodiorite, grading to argillic and phyllic altered around quartz-carbonate veinlets and stringers, variably mineralized. Patchy crumbly argillic alteration.
														PHC	2I						
			172.54	176.71	4.17	mKgW	GRD	MG	LT	GN	EN			ARG	4I	5.00					Argillic altered granodiorite envelope, altered to gougy in patches, grading to phyllic altered around 5 smoky to milky quartz veinlets hosting semi-massive to massive pyrite. Trace potassic overprint.
										WH				PHC	3I						
														POT	1I						
176.73	179.93	3.20				LKqP	FEL	FG	DK	BN	PO										Reddish-brown quartz felspar porphyry dyke, zoned to tan-green near contact with granodiorite. Approximately 6 carbonate stringers per metre. Clay alteration on feldspars. Pink gouge on fractures.
									DK	RD											
179.93	181.17	1.24				mKgW	GRD	MG	LT	GN	EN		2I	PRO	2I	3.00					Envelope of phyllic altered granodiorite, grading to argillic and propylitic away rom dyke contact. Encompasses silicified zone with pyrite-bearing quartz vein and veinlets.
														ARG	2I						
														PHC	4I						
181.17	228.72	47.55				mKgW	GRD	MG	DK	GN	PA		2I	PRO	3I	<1					Weak to moderately propylitic granodiorite, grading to argillic and phyllic altered around mineralized quartz and carbonate veins. Carbonate stringers, about 6 per metre, predominantly at high angle to core axis. Light silicification. Clay altered carbonate veinlets on fractures.
														PHC	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			182.36	184.58	2.22	mKgW	GRD	MG	LT	GN	FL		3I	ARG	2I	5.00	1.00				Phyllic alteration envelope, argillic at edges, encompassing quartz-flooded zones and quartz veins hosting semi-massive to blebby pyrite and associated arsenopyrite.
									DK	GY	EN			PHC	4I						
			188.08	190.66	2.58	mKgW	GRD	MG		WH	EN			PRO	2I	<1					Argillic alteration envelope, grading to weakly phyllic around poorly mineralized quartz-carbonate veinlets. Patchy propylitic alteration. Trace potassic overprint.
									LT	GN				ARG	4I						
														PHC	2I						
														POT	1I						
			191.66	194.95	3.29	mKgW	GRD	MG	LT	GN	EN		3I	ARG	2I	3.00	<1				Phyllic alteration envelope, argillic at edges, encompassing 4 well-mineralized siliceous zones of quartz veining and multiple mineralized quartz-carbonate veinlets and stringers.
														PHC	4I						
			197.10	198.55	1.45	mKgW	GRD	MG	LT	GN	EN			ARG	2I	1.00					Phyllic to argillic alteration envelope encompassing weakly mineralized quartz veins and veinlets.
											PA			PHC	4I						
			199.47	201.30	1.83	mKgW	GRD	MG	LT	GN	EN			PRO	2I	1.00					Patchy argillic to phyllic alteration envelope, with propylitic patches, encompassing weakly mineralized siliceous breccia.
														ARG	2I						
														PHC	4I						
			204.23	205.76	1.53	mKgW	GRD	MG	LT	GN	EN			PRO	2I	1.00					Propylitic to argillic to phyllic alteration envelope encompassing 2 weakly mineralized quartz-carbonate veins.
														ARG	2I						
														PHC	4I						
			206.94	207.97	1.03	mKgW	GRD	MG	LT	GN	EN			ARG	1I	3.00	1.00	Sp	5.00		Phyllic alteration envelope encompassing broad vein zone with semi-massive bands of pyrite with associated arsenopyrite and galena, and massive sphalerite.
														PHC	4I			Gn	1.00		
			227.01	228.72	1.71	mKgW	GRD	MG		WH	EN			PRO	2I	1.00		Gn	1.00		Argillic alteration envelope with patchy propylitic alteration. Grades to phyllic around grey chalcedonic vein with galena and pyrite in selvage.
									LT	GN				ARG	4I						
														PHC	2I						
228.72	234.95	6.23				LKqP	FEL	FG	LT	BN	PO										Tan-brown quartz feldspar porphyry dyke. Clay alteration of feldspar phenocrysts. Gouge on fractures near upper contact.
										TN											
234.95	238.40	3.45				mKgW	GRD	MG	LT	GN			3I	PHC	4I	10.00					Phyllic altered granodiorite, moderately silica-flooded, encompassing approximately parallel to core axis smoky to black pyrite-bearing quartz vein.
238.4	249.02	10.62				LKqP	FEL	FG	LT	TN	PO										Quartz feldspar porphyry dyke, zoning tan-grey to dark brown to red-brown-green. Green-white clay alteration of feldspar phenocrysts, extensive clay on fractures, with zones of net-textured clay stringers and gouge. Calcite stringers.
									DK	BN											
249.02	297.24	48.22				mKgW	GRD	MG	MD	GY	MA		2I	PRO	2I	<1					Silicified granodiorite, weak to moderately propylitic, with patchy argillic alteration grading to phyllic around quartz-carbonate veinlets and veins. Trace potassic overprint. Carbonate stringers throughout.
									DK	GN				ARG	1I						
														PHC	1I						
														POT	1I						
			250.98	252.15	1.17	mKgW	GRD	MG	LT	GN	EN		2I	ARG	2I	1.00					Phyllic altered granodiorite encompassing approximately 6 quartz-carbonate veinlets, weakly mineralized. Patchy argillic alteration, and potassic overprint.
														PHC	4I						
														POT	1I						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			255.13	255.70	0.57	mKgW	GRD	MG	LT	GN	EN		4I	PHC	4I	2.00					Silicified phyllic envelope encompassing quartz-flooded zone hosting pyrite-bearing quartz veins.
			262.95	263.70	0.75	mKgW	GRD	MG	LT	GN	EN		4I	PHC	3I	5.00					Phyllic alteration envelope around 20cm light green quartz feldspar porphyry dyke. Black siliceous pyrite-bearing breccia enveloping dyke.
											BX										
			267.11	268.28	1.17	mKgW	GRD	MG	LT	GN	EN			PRO	3I	<1					Phyllic alteration envelope around poorly mineralized quartz-carbonate vein. Propylitic and argillic patchy alteration at outer edges of envelope.
									DK	GN				ARG	1I						
														PHC	4I						
			274.03	275.66	1.63	mKgW	GRD	MG	LT	GN	EN		4I	PRO	2I	2.00	1.00	Sp	1.00		Phyllic alteration envelope, propylitic altered at edges. Encompassing well-mineralized crustiform vein.
									MD	GN				PHC	4I						
			277.09	280.02	2.93	mKgW	GRD	MG	LT	GN	EN		3I	PRO	2I	1.00					Patchy argillic alteration of granodiorite, alternating with propylitic alteration and grading to phyllic around 2 strongly silicified zones with weak mineralization.
									DK	GN	PA			ARG	4I						
														PHC	3I						
			289.63	290.65	1.02	mKgW	GRD	MG	LT	GN	EN		3I	PRO	2I	1.00					Phyllic alteration envelope around well-mineralized quartz-flooded zone hosting pyrite. Patchy propylitic alteration.
														ARG	1I						
														PHC	4I						
			291.27	292.05	0.78	mKgW	GRD	MG	LT	GN	EN		3I	PRO	2I	1.00					Phyllic alteration envelope around mineralized quartz veins. Patchy propylitic alteration at edges.
														PHC	4I						
			295.40	296.17	0.77	mKgW	GRD	MG	LT	GN	EN		4I	PHC	4I	1.00	<1				Phyllic alteration envelope, silica-flooded and encompassing pyrite and arsenopyrite-bearing quartz vein.
297.24	302.95	5.71				mKgW	GRD	MG	LT	GN	EN		4I	PRO	2I	10.00	2.00	Gn	5.00		Strongly mineralized zone of phyllic alteration overprinting propylitic and argillic.
											PA			ARG	2I			Sp	2.00		
														PHC	4I			Jm	5.00		
																		Cp	<1		
302.95	316.08	13.13				mKgW	GRD	MG	MD	GY	PA		2I	PRO	2I	1.00					Weakly propylitic granodiorite, grading to phyllic around poorly mineralized quartz-carbonate veinlets.
									DK	GN				PHC	1I						
			303.28	304.30	1.02	mKgW	GRD	MG	LT	GN	EN		3I	PHC	4I	2.00					Silicified, phyllic alteration envelope around 3 pyrite-bearing quartz-carbonate veinlets.
EOH																					EOH @ 316.08m

KLAZA

Hole: DDH-KL-12-122 Logger Name: Gareth Wolff

Depth (m)		DESCRIPTION
	176.73	Contact between phyllic altered granodiorite and quartz feldspar porphyry dyke. Sharp contact, at 85 degrees to core axis (TCA). White grading to brown towards dyke. Approximately 7cm of white weakly gougy.
	179.93	Undulatory contact between quartz feldspar porphyry dyke and granodiorite. Irregular, approximately 85 degrees TCA. 11cm of light green to tan gouge.
	228.72	Approximately 70 degrees TCA contact between argillic granodiorite and quartz feldspar porphyry dyke. Approximately 10cm of grey gouge at contact.
	234.95	Approximately 80 degrees TCA contact between quartz feldspar porphyry dyke and argillic to phyllic altered granodiorite. ~5cm of grey gouge at contact.
	238.40	Approximately 55 degrees TCA gougy contact between brecciated granodiorite and tan-grey quartz feldspar porphyry dyke.
	249.02	Contact between dark green-brown quartz feldspar porphyry dyke and argillic granodiorite. Contact obscured by rubble.
	EOH	

KLAZA

Hole: DDH-KL-12-122 **Logger Name:** Gareth Wolff **Date:** August 29, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
GO	6.50	6.55							Oxidized, yellow-brown clay.	
VT	13.63	13.90		60.00		5.00	Py	5.00	5 quartz-carbonate veinlets with oxidized rims hosting fine disseminated pyrite.	
VT	14.40	14.44		50.00			Py	1.00	Crustiform milky quartz veinlet, 8-9mm, hosting disseminated pyrite along rims.	
VT	14.75	14.83		25.00			Py	1.00	Black to milky quartz-carbonate veinlet, strongly hematite-stained, hosting disseminated pyrite.	
VN	15.74	15.76	0.02	70.00			Py	15.00	Milky to smoky crustform quartz vein, irregular at edges. Oxidized, hosting medium to coarse pyrite blebs in vein centre.	
VN	15.90	16.25	0.35	65.00			Py	1.00	Quartz-flooded zone, with quartz eyes up to 2cm in diameter. Vuggy. Strong to intensely oxidized, with oxidation obscuring most textures. Fine pyrite,	
VT	16.23	16.25	0.02	60.00			Py	40.00	Pyrite bearing quartz-carbonate veinlet, oxidized.	
VT	20.81	20.82	0.01	75.00					Clear to milky carbonate-quartz veinlet.	
VT	29.64	29.64		80.00			Py	15.00	Black to milky carbonate veinlet hosting disseminated pyrite in vein and selvage.	
BX	30.85	31.05	0.20	50.00			Py	20.00	Fine black siliceous breccia, with phyllic altered clasts, subangular and up to 4cm in diameter. Oxidation on fractures and lining vugs. Disseminated pyrite. Sphalerite blebs and single elongate galena bleb.	
							Gn	2.00		
							Sp	2.00		
VN	31.07	31.12	0.05	65.00			Py	1.00	Smoky quartz vein, braided and irregular. Trace pyrite along edges.	
VN	31.22	31.27	0.05	55.00					Vuggy calcite vein.	
VN	31.50	31.55	0.05	65.00			Py	1.00	Smoky to opaque quartz vein, irregular, branching, with milky carbonate. Trace disseminated fine pyrite.	
VT	32.75	32.94	0.19	20.00			Py	5.00	Smoky quartz veinlet, low angle to core axis, with fine disseminated pyrite in selvage.	
VT	31.92	33.44	1.52	65.00		4.00	Py	10.00	Milky carbonate veinlets with pyrite along rims.	
VN	35.55	36.20	0.65				Py	20.00	Quartz-flooded region with smoky quartz and mily carbonate, hosting semi-massive pyrite in coarse blebs and stringers. Encompasses zone of oxidized gouge with scorodite. Possible honey-brown sphalerite. Calcite infill brecciates quartz.	
							Sp?	1.00		
GO	35.66	35.77	0.11						Light green to yellow-orange gouge, oxidized (scorodite?).	
BX	36.30	37.15	0.85	50-60			Py	5.00	Zone of fine black siliceous breccia, with phyllic granodiorite clasts up to 5cm in diameter. Disseminated pyrite in matrix.	
VT	37.58	37.85	0.27	70.00		3.00	Py	10.00	3 carbonate veinlets hosting disseminated pyrite.	
VN	38.54	38.58	0.04	75.00					Clear irregular quartz vein.	
VT	39.01	39.01		90.00			Py	10.00	Carbonate veinlet hosting pyrite along rims.	
VT	39.21	39.34	0.13	70.00		5.00	Py	5.00	Carbonate veinlets hosting fine pyrite in rims.	
VT	39.42	39.43	0.01	75.00			Sp	5.00	Milky calcite veinlet with brown sphalerite along one selvage.	
VT	39.66	39.67	0.01	75.00			Sp	30.00	Irregular milky calcite veinlet hosting disseminated galena and semi-massive sphalerite.	
							Gn	2.00		
VT	39.76	40.23	0.47	20.00			Py	20.00	Carbonate stringer at low angle to core axis, hosting disseminated pyrite.	
VN	40.41	40.44	0.03	55.00			Py	5.00	Crustiform quartz-carbonate vein, 1cm wide with disseminated fine grains of sphalerite, galena bleb and disseminate pyrite.	
							Sp	2.00		
							Gn	1.00		
VT	42.70	42.72	0.02	60.00			Sp	10.00	Quartz-carbonate milky veinlet with sphalerite disseminated along rims. Phyllic altered selvage.	
VT	43.30	47.36	4.06			8/m	Py	1.00	Carbonate veinlets hosting traces of disseminated pyrite.	
VT	47.62	47.65	0.03	55.00			Py	2.00	Carbonate veinlet with phyllic selvage, hosting disseminated pyrite.	
ST	48.10	48.85	0.75			13.00	Py	<1	Carbonate stringers with trace pyrite.	
VT	49.51	49.53	0.02	70.00			Sp	40.00	Carbonate veinlet hosting sphalerite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	50.17	50.19	0.02	65.00			Py	5.00	Smoky to milky quartz-carbonate vein hosting disseminated pyrite and fine arsenopyrite blebs.	
							As	2.00		
BX	51.75	51.95	0.20	35.00			Py	5.00	Smoky to milky quartz-carbonate brecciating veins, crosscutting phyllic altered granodiorite. Rubbly. Disseminated pyrite, sphalerite and galena.	
							Sp	2.00		
							Gn	3.00		
VN	53.19	53.25	0.06	65.00			Py	1.00	Milky to clear crustiform 3.5cm quartz-carbonate vein, hosting disseminated pyrite.	
VT	53.48	53.48		70.00			Py	10.00	Milky calcite veinlet hosting disseminated pyrite and trace sphalerite.	
							Sp	1.00		
VT	53.49	53.52	0.03	60.00			Py	15.00	Milky quartz-carbonate veinlet with coarse pyrite blebs.	
ST	54.73	55.08	0.35				Py	5.00	Milky netted carbonate stringers, predominantly at low angle to core axis, hosting disseminated pyrite.	
VN	55.11	55.13	0.02	55.00			Py	2.00	1cm vein, clear quartz and milky carbonate, hosting disseminated prite and fine galena(?).	
							Gn?	1.00		
VT	55.22	55.25	0.03	50.00			Py	10.00	Irregular calcite veinlet hosting pyrite stringers along rims, branching.	
ST	56.44	56.50	0.06	40.00			Py	5.00	Irregular black quartz-carbonate stringer hosting disseminated pyrite.	
ST	56.86	57.00	0.14	40.00		2.00	Py	2.00	Smoky quartz stringers with argillic selvages and pyrite blebs.	
VT	57.75	57.83	0.08	35.00			Py	5.00	Smoky quartz-carbonate veinlet hosting disseminated pyrite blebs, argillic selvage.	
VT	58.74	58.95	0.21	20.00					Crustiform clear to milky quartz-carbonate veinlet with argillic altered selvages.	
VT	59.45	59.47	0.02	50.00			Py	2.00	Milky quartz-carbonate veinlet hosting pyrite along rims.	
VT	59.50	59.53	0.03	35.00			Py	5.00	Black quartz-carbonate veinlet hosting disseminated pyrite.	
VT	59.93	59.95	0.02	65.00			Py	2.00	Smoky quartz-carbonate veinlet hosting disseminated pyrite.	
VT	62.96	63.03	0.07	40.00			Py	2.00	Milky quartz-carbonate veinlet with phyllic selvages, pyrite in rims.	
VN	63.38	63.40	0.02	85.00			Py	15.00	Clear to milky quartz-carbonate vein hosting coarse pyrite blebs. Quartz-flooded selvage with fine disseminated pyrite.	
VT	64.08	64.15	0.07	80.00		4.00	Py	10.00	Smoky to milky quartz-carbonate veinlets hosting disseminated pyrite. Hematite-staining. Phyllic, siliceous envelope. Irregular, branching veinlets.	
ST	64.90	65.15	0.25	50.00		2.00	Py	90.00	Irregular, discontinuous pyrite stringers.	
VN	65.19	65.23	0.04	60.00			Py	30.00	2.4cm wide clear quartz vein hosting semi-massive honey-brown sphalerite and blebby arsenopyrite associated with blebby pyrite.	
							As	10.00		
							Sp	35.00		
VT	65.26	65.28	0.02	65.00			Py	5.00	Milky to clear quartz-carbonate veinlet hosting disseminated pyrite and galena, with fine black sulphide	
							Gn	1.00		
ST	65.43	65.45	0.02	50.00			Py	100.00	Irregular, discontinuous pyrite stringer, fine to coarse-grained.	
VN	65.93	65.95	0.02	80.00			Py	10.00	Smoky to milky quartz vein, hosting blebby pyrite and sphalerite in smoky bands. Crustiform.	
							Sp	5.00		
ST	65.98	66.00	0.02			2.00	Py	20.00	Smoky quartz stringers, irregular, hosting blebby pyrite in stringers and selvage.	
ST	69.21	69.26	0.05	40.00			Py	80.00	Irregular, discontinuous pyrite stringer.	
VN	73.17	73.32	0.15	30.00					Crustiform, vuggy milky to smoky quartz-carbonate vein, multiple fine bands. Strongly oxidized on	
VT	75.71	75.72	0.01	75.00			Py	5.00	Milky to black carbonate veinlet hosting blebby pyrite.	
VT	76.40	76.50	0.10	45.00			Py	2.00	Milky carbonate veinlet with black rims hosting disseminated pyrite.	
VT	79.08	79.83	0.75	45-75		8.00	Py	5.00	Milky, vuggy quartz-carbonate veinlets hosting blebby to disseminated pyrite.	
VN	79.89	79.93	0.04	75.00			Py	35.00	Clear to smoky quartz vein with carbonate and semi-massive pyrite. 3cm wide.	
VT	80.41	80.49	0.08	35.00					Smoky quartz veinlet.	
ST	80.87	80.88	0.01	70.00			Py	5.00	Milky to clear quartz-carbonate stringer with phyllic selvage hosting disseminated pyrite and pyrite stringers. Irregular.	
VN	81.12	81.14	0.02	80.00			Py	10.00	Crustiform clear quartz-carbonate vein in phyllic envelope, with bands of blebby pyrite and disseminated galena and honey-brown sphalerite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Gn	1.00		
							Sp	1.00		
ST	81.67	81.67					Py	100.00	Discontinuous pyrite stringer in quartz-flooded zone with blebby pyrite.	
VN	81.90	81.96	0.06	65.00			Py	20.00	Smoky to clear quartz vein hosting blebby pyrite and disseminated euhedral pyrite cubes. Also hosting coarse blebs of honey-brown sphalerite and blebby galena. Carbonate bands at rims.	
							Sp	10.00		
							Gn	10.00		
VN	82.27	82.29	0.02	70.00			Py	10.00	Clear quartz vein, 1cm, with disseminated honey-brown sphalerite and blebby pyrite on rim, disseminated pyrite cubes in vein centre. Netted pyrite stringers in phyllic selvage.	
							Sp	2.00		
VT	82.55	82.64	0.09	40.00			Py	10.00	Milky to black quartz-carbonate veinlet, hosting blebby pyrite and possible fine black sulphide.	
VT	83.86	83.88	0.02	55.00			Py	5.00	White carbonate veinlet hosting disseminated pyrite along margin.	
VN	86.99	87.04	0.05	60.00			Py	<1	Smoky to milky quartz-carbonate crustiform vein, 5cm, banded, with trace pyrite. Flanked by gouge.	
GO	87.06	87.08	0.02	75.00					1.5cm grey gouge on fracture.	
BX	98.62	98.70	0.08	70.00			Py	1.00	Quartz breccia, clear quartz vein brecciated by milky silica flooding. Disseminated pyrite.	
VT	100.93	101.10	0.17	35.00		2.00	Py	2.00	2 smoky quartz veinlets with blebby to fine disseminated pyrite.	
VT	110.92	110.96	0.04	55.00			Py	5.00	Milky carbonate-quartz veinlet hosting pyrite along rims. Potassive altered selvages.	
ST	113.55	113.65	0.10	40.00		2.00			2 hematite-stained carbonate stringers.	
BX	115.06	115.11	0.05	85.00			Py	5.00	5cm crustiform smoky to clear quartz vein flooded and brecciated by milky quartz. Bands of pyrite blebs.	
VT	115.28	115.30	0.02	80.00			Py	10.00	Smoky to milky crustiform quartz veinlet hosting bands of blebby pyrite.	
VT	140.78	140.84	0.06	60.00		3.00	Py	2.00	Weakly banded milky quartz-carbonate veinlet, hosting fine disseminated pyrite, with 2 flanking fine carbonate veinlets.	
ST	142.36	142.40	0.04	50.00			Py	15.00	Black stringer hosting blebby pyrite.	
VT	143.79	146.62	2.83	45.00		3.00	Py	1.00	Crustiform milky to clear quartz-carbonate veinlets hosting disseminated pyrite.	
VT	147.08	147.10	0.02	80.00			Py	5.00	Milky quartz-carbonate veinlet hosting blebby pyrite and fine trace galena.	
							Gn	1.00		
VT	148.95	149.12	0.17	60-70		5.00	Py	10.00	Irregular, milky to smoky quartz-carbonate veinlets, hosting blebby pyrite with associated arsenopyrite, and lightly disseminated galena. In single phyllic alteration envelope.	
							As	2.00		
							Gn	1.00		
VT	149.74	150.46	0.72	65.00		2.00	Py	15.00	Quartz-carbonate veinlet hosting blebby pyrite.	
VT	151.53	151.80	0.27	70.00		2.00	Py	1.00	Quartz-carbonate veinlets with light disseminated pyrite.	
VT	152.85	153.23	0.38	65.00		7.00	Py	5.00	Milky quartz-carbonate fine veinlets to stringers hosting disseminated pyrite.	
VN	153.26	153.29	0.03	60.00			Py	10.00	Milky to smoky quartz veins, irregularly banded, hosting blebby pyrite.	
VN	153.32	153.39	0.07	75.00			Py	35.00	Crustiform quartz vein, irregular smoky to black stringers and grey chalcedony bands. Speckled with fine disseminated pyrite and pyrite cubes, with blebs and stringers at edges and in phyllic altered, silica-flooded selvage. Quartz and pyrite stringers parallel to vein, 2-4cm on either side. Galena blebs associated with pyrite. Vein is approximately 6cm.	
							Gn	2.00		
VN	153.70	153.72	0.02	70.00			Py	10.00	Milky carbonate and smoky quartz in banded vein hosting disseminated fine pyrite.	
VT	154.10	154.28	0.18	70.00		2.00	Py	10.00	Milky to clear irregular quartz-carbonate veinlets hosting blebby pyrite, predominantly along edges.	
GO	155.85	156.20	0.35	20.00			Py	40.00	Grey gouge and clay alteration, speckled with fine, well-disseminated pyrite. Silicified. Crosscuts irregular, banded quartz-carbonate vein at 20 degrees to core axis hosting semi-massive to disseminated pyrite, in phyllic alteration envelope.	
VT	157.95	158.03	0.08	25.00			Py	85.00	Massive pyrite veinlet with quartz, in phyllic alteration envelope. Quartz eyes in selvage.	
VT	158.15	158.24	0.09	40.00		4.00	Py	50.00	4 smoky, interweaving quartz veinlets encompassing silicified phyllic granodiorite, hosting semi-massive pyrite in and between veinlets.	
VT	158.32	159.45	1.13	25.00		2.00	Py	35.00	Quartz-carbonate veinlets hosting blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	159.60	159.62	0.02	60.00			Py	15.00	Smoky quartz-carbonate vein hosting disseminated pyrite in phyllic envelope.	
VT	159.68	159.71	0.03	50.00		2.00	Py	15.00	Branching veinlets of clear quartz to grey chalcedony, in siliceous phyllic altered granodiorite envelope. Disseminated pyrite.	
VT	159.85	159.87	0.02	60.00			Gn?	10.00	Milky quartz veinlet hosting fine disseminated galena(?).	
GO	159.90	159.94	0.04	75.00					Grey gouge in phyllic envelope.	
VN	160.19	160.28	0.09	70.00			Py	40.00	8cm well-mineralized quartz-chalcedony vein. Crustiform banded, with smoky to black chalcedony band	
							Gn	15.00		
							Sp	5.00		
BX	161.00	161.45	0.45	60.00			Py	40.00	Strongly silicified smoky quartz breccia - zone of quartz veining and silicification. Disseminated to blebby pyrite. Smoky chalcedonic and clear quartz, crosscutting phyllic granodiorite. Disseminated honey-brown sphalerite. Flanked by gouge.	
							Sp	5.00		
VN	162.10	162.15	0.05	50.00			Py	2.00	Brown to black banded quartz vein, hosting disseminated pyrite.	
VN	164.08	164.17	0.09	70.00			Py	20.00	Crustiform irregular smoky quartz vein, hosting disseminated pyrite, crosscut by by netted creamy	
VN	165.45	166.00	0.55			3.00			3 fine irregular veins of milky to creamy carbonate.	
VT	168.94	169.02	0.08	60-70		2.00	Py	2.00	2 quartz-carbonate milky crustiform veinlets hosting blebby pyrite.	
VN	169.28	169.30	0.02	75.00			Py	3.00	Milky to smoky crustiform to cockade textured quartz-carbonate vein in phyllic envelope. Disseminated	
VT	170.40	170.45	0.05	40.00			Py	1.00	Milky quartz-carbonate veinlet with black rims. Fine pyrite in selvages. Crosscuts argillic alteration.	
VN	170.80	170.95	0.15						Milky irregular carbonate vein hosted in crumbly argillic altered granodiorite.	
VT	171.70	172.55	0.85	50-80		3.00	Py	1.00	Milky carbonate veinlets, 8-9mm, with trace disseminated pyrite.	
VT	173.85	174.90	1.05	55.00		7.00	Py	5-15	Milky carbonate veinlets with smoky quartz, semi-massive pyrite along rims and in phyllic selvage.	
VT	175.40	175.41	0.01	80.00			Py	10.00	Milky quartz-carbonate veinlet hosting disseminated pyrite along rims. Associated discontinuous pyrite	
VT	175.57	175.80	0.23	60.00		2.00	Py	20-30	Smoky quartz-carbonate veinlets hosting blebby pyrite.	
VT	176.45	176.47	0.02	60.00			Py	5.00	Milky to clear banded quartz veinlet hosting disseminated pyrite in selvage with asssociated arsenopyrite. Associated pyrite stringers.	
							As	2.00		
VT	179.91	180.26	0.35	60.00		10.00	Py	30.00	Irregular milky to smoky quartz veinets and stringers in silicified zone, approximately parallel, hosting fine massive pyrite.	
VN	180.28	180.34	0.06	55.00			Py	30.00	Smoky 4cm quartz vein, with 1cm band of massive pyrite and blebby pyrite throughout vein.	
VT	180.76	180.78	0.02	65.00			Py	20.00	Milky to smoky weakly banded quartz veinlet with discontinuous pyrite bands.	
ST	181.80	182.50	0.70				Py	<1	Netted irregular black stringers, hematite-stained, bearing trace pyrite.	
VN	182.75	183.21	0.46	65.00		2.00	Py	20.00	2 quartz veins, approximately 8cm each, smoky with milky irregular carbonate bands. Coarse blebby pyrite and associated blebby arsenopyrite. Associated pyrite-bearing stringers. In quartz-flooded zone hosting blebby to semi-massive pyrite.	
							As	3.00		
VT	183.22	183.28	0.06	15.00			Py	10.00	Sinuous smoky quartz veinlet hosting irregular pyrite stringers along rims. Crosscut by quartz vein.	
VN	183.38	183.41	0.03	80.00			Py	5.00	Smoky quartz vein hosting disseminated pyrite.	
ST	183.42	183.64	0.22	60.00		5.00	Py	25.00	Approximately parallel discontinuous pyrite-quartz stringers.	
VT	183.75	183.95	0.20	5.00			Py	20.00	Sinuous smoky quartz veinlet hosting disseminated to blebby pyrite, predominantly in discontinuous bands along rims. Approximately parallel to core axis. Hematite staining. Crosscut by quartz vein.	
VT	183.94	184.01	0.07	65.00		4.00	Py	45.00	Sheeted quartz veinlets, smoky, hosting blebby pyrite.	
ST	184.57	185.02	0.45			9.00	Py	5.00	Branching hematite-stained carbonate stringers at varying orientations, crosscutting, hosting pyrite	
VT	185.97	186.90	0.93	70.00		4.00	Py	15.00	Milky quartz-carbonate veinlets hosting pyrite stringers along vein edges. Associated fine quartz-pyrite	
ST	186.00	188.00	2.00			9/m	Py	1.00	Black carbonate stringers with trace pyrite. Netted.	
VT	188.15	190.90	2.75	75.00		4/m	Py	1.00	Milky to clear quartz-carbonate banded veinlets with trace disseminated pyrite.	
VT	192.31	192.36	0.05	60.00		3.00	Py	20.00	3 sheeted quartz veinlets, hosting disseminated pyrite and discontinuous pyrite stringers.	
VT	192.52	192.55	0.03	65.00			Py	10.00	Smoky to milky banded quartz veinlet, hosting disseminated pyrite, with associated sheeted pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	192.80	192.85	0.05	70.00			Py	15.00	Smoky quartz vein with carbonate bands, weakly banded, hosting disseminated to blebby pyrite with associated arsenopyrite. Pyrite stringers in selvages.	
							As	5.00		
VT	193.00	193.32	0.32	50.00		4.00	Py	5-10	Sheeted milky quartz veinlets with irregular pyrite bands and blebs.	
VN	193.50	193.55	0.05	80.00			Py	15.00	4mm smoky quartz vein, vuggy, hosting disseminated pyrite, in silica-flooded zone.	
VT	193.97	194.10	0.13	20.00			Py	5.00	Irregular braided milky quartz veinlet, crustiform with disseminated pyrite.	
VT	194.06	194.12	0.06	65.00		2.00	Py	15.00	Discontinuous milky to smoky quartz veinlets hosting disseminated pyrite along margins.	
VN	194.20	194.28	0.08	60.00			Py	10.00	Sheeted milky to smoky quartz veinlets, interweaving to form discontinuous quartz vein with phyllic altered granodiorite breccia clasts. Vuggy. Hosting blebby pyrite, with semi-massive pyrite in silicified	
VT	194.50	194.65	0.15	45.00		8.00	Py	5.00	Silica flooded zone with approximately 8 smoky to milky quartz veinlets, hosting disseminated pyrite throughout zone.	
VT	194.67	194.71	0.04	60.00			Py	15.00	Crustiform milky to smoky quartz veinlet. Blebby pyrite in veinlet and selvage. Fine vugs.	
ST	195.50	195.66	0.16	70.00		6.00	Py	1.00	Milky quartz-carbonate stringers hosting trace pyrite.	
VN	197.26	197.30	0.04	70.00			Py	5.00	Crustiform milky to clear quartz-carbonate vein hosting disseminated pyrite, with associated sheeted milky stringers in silica-flooded selvage.	
ST	197.46	197.50	0.04	60.00			Py	90.00	Quartz-pyrite stringer.	
VT	197.67	198.16	0.49	65.00		4.00	Py	3.00	Milky quartz veins hosting disseminated pyrite.	
VT	198.33	198.38	0.05	45.00			Py	15.00	Milky to smoky irregular weakly banded quartz vein with fine blebby pyrite.	
VT	199.65	199.67	0.02	70.00			Py	<1	Irregularly banded smoky to milky quartz veinlet, trace pyrite.	
BX	200.48	200.65	0.17	70.00			Py	1.00	Strongly silica-flooded zone with smoky quartz and clear chalcedony bands, brecciating phyllic altered silicified granodiorite. Dissemianted weak pyrite.	
VT	205.09	205.46	0.37	85.00		3.00	Py	5.00	Milky quartz veinlets with smoky bands and pyrite blebs.	
VT	207.03	207.12	0.09	60.00		2.00	Py	20.00	Milky to clear quartz veinlets hosting fine pyrite bands.	
VN	207.63	207.80	0.17	70.00			Py	20.00	Crustiform banded quartz vein, clear to smoky. Massive honey-brown sphalerite, with blebby bands of pyrite and associated arsenopyrite, and fine bands and blebs of galena.	
							Sp	45.00		
							Gn	10.00		
							As	5.00		
VN	208.64	208.67	0.03	70.00			Py	3.00	Smoky to milky irregularly banded quartz-carbonate vein with fine breccia and disseminated pyrite. 1cm	
VN	211.90	212.37	0.47	50.00			Py	20.00	1.1-1.3cm milky to smoky quartz vein, hosting blebby bands of pyrite.	
VT	213.13	218.87	5.74	60.00		5.00	Py	5.00	Creamy to smoky quartz-carbonate veinlets, irregularly banded with disseminated pyrite blebs.	
VT	215.52	216.75	1.23	60.00		2.00	Py	2.00	Clear quartz-carbonate veinlets with black rims, hemattie staining on rims and in selvage, and	
VT	224.13	224.18	0.05	35.00			Py	2.00	Black quartz-carbonate veinlet hosting disseminated pyrite.	
ST	224.64	224.75	0.11	40.00		5.00			Approximately 5 netted black hematite-stained carbonate stringers, predominantly at 40 degrees to core	
VT	227.47	227.52	0.05	70.00			Py	3.00	Crustiform quartz vein, grey chalcedony centre with white rims, flanked by irregularly banded mlky edges with blebby pyrite and discontinuous galena bands.	
							Gn	7.00		
GO	228.74	228.85	0.11	70.00					Light green to white gouge at contact between granodiorite and quartz feldspar porphyry dyke.	
GO	229.54	229.57	0.03	80.00					3cm grey gouge in dyke.	
GO	232.50	232.55	0.05						5cm grey gouge in dyke.	
ST	235.03	235.32	0.29	40.00		5.00			Sheeted grey to black quartz stringers.	
VN	235.47	235.51	0.04	65.00			Py	5.00	Banded, smoky quartz vein hosting disseminated pyrite, predominantly along edges.	
VT	235.58	237.13	1.55	0.00			Py	35.00	5mm smoky to black quartz veinlet hosting strongly disseminated pyrite, predominantly in euhedral cubes. Approximately parallel to core axis. Branching honey-brown sphalerite increases down core from trace to about 80% of vein.	
							Sp	30.00		
VT	238.03	238.09	0.06	80.00		5.00	Py	20.00	Irregular branching smoky quartz veinlets hosting disseminated to semi-massive pyrite.	
GO	242.77	242.92	0.15						Irregularly netted gouge alteration of dyke, pink along fractures.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
GO	243.80	243.83	0.03	55.00					Light tan-white gouge.	
VT	250.33	251.78	1.45	65.00		5.00	Py	5-10	Crustiform milky to smoky quartz-carbonate veinlet, averaging 65 degrees TCA, hosting disseminated	
ST	252.30	252.80	0.50	70.00		15.00	Py	1.00	Black sheeted stringers, hematite altered, weakly pyrite mineralized.	
VT	253.62	253.64	0.02	60.00			Py	5.00	Smoky black-rimmed quartz veinlet hosting disseminated pyrite blebs.	
VT	255.33	255.46	0.13	75.00		5.00	Py	5.00	Quartz-flooded zone with 5 smoky to clear quartz-carbonate veinlets hosting disseminated pyrite.	
DY	257.24	257.32	0.08	75.00					8cm black magnetic dyke, no alteration associated so possible xenolith.	
ST	262.00	262.70	0.70				Py	1.00	Black and white carbonate netted stringers, hosting trace disseminated pyrite.	
VT	262.71	262.73	0.02	70.00			Py	5.00	Crustiform quartz-carbonate clear to milky veinlet hosting disseminated euhedral pyrite.	
BX	263.11	263.23	0.12	50.00			Py	15.00	Smoky to black siliceous breccia hosting disseminated euhedral to blebby pyrite and <1cm diameter	
DY	263.23	263.44	0.21	65.00					Green felsic dyke with clay altered phenocrysts, gougy at contact with host rock.	
BX	263.44	263.61	0.17	50.00			Py	10.00	Smoky to black siliceous breccia with phyllic altered clasts up to 2cm in diameter. Disseminated pyrite.	
VT	265.11	265.13	0.02	70.00			Py	10.00	Quartz-carbonate veinlet hosting disseminated pyrite.	
VN	267.68	267.77	0.09	30.00					Crustiform unmineralized smoky to milky quartz-carbonate vein.	
VT	271.25	273.35	2.10	50.00		18.00			Milky quartz-carbonate veinlets to stringers with phyllic selvage.	
VT	274.30	274.40	0.10	40.00			Py	30.00	Smoky quartz veinlet hosting blebby pyrite. Irregular.	
VN	274.68	274.80	0.12	70.00			Py	25.00	Crustiform irregularly banded quartz vein, milky to smoky. Fine vugs, cockade and moss textures. Blebby pyrite, and blackjack sphalerite in blebby bands and disseminations. Coarse grains. Quartz-flooded zone, pyrite-bearing associated stringers. Blebby arsenopyrite associated with pyrite.	
							Sp	15.00		
							As	10.00		
BX	279.52	279.70	0.18						Clay-altered breccia with coarse quartz clasts.	
VT	282.70	287.30	4.60	65.00		6.00	Py	1.00	Milky quartz-carbonate veinlets hosting trace pyrite.	
VT	288.20	288.21	0.01	60.00			Cp	40.00	Carbonate veinlet hosting blebby chalcopyrite.	
VN	289.86	289.90	0.04	50.00			Py	10.00	Irregular quartz-carbonate vein, breaking into stringers. In silica-flooded zone with blebby pyrite.	
VT	290.69	292.69	2.00	50.00		5.00	Py	5-10	5 quartz-carbonate milky crustiform veinlets hosting disseminated pyrite.	
ST	293.68	294.25	0.57	25.00		4.00			Sheeted hematite-rimmed carbonate stringers.	
ST	295.45	295.53	0.08	30.00					Hematite-rimmed quartz-carbonate stringer.	
VN	295.80	295.83	0.03	75.00			Py	15.00	1.5cm smoky to milky quartz vein, irregularly banded, hosting disseminated pyrite and chalcopyrite blebs. Pyrite in selvage.	
							Cp	1.00		
VT	296.64	296.84	0.20	15.00			Py	10.00	Irregular banded quartz veinlet,smoky band hosting disseminated pyrite, galena and sphalerite, and barren milky band. Calcite along rim.	
							Gn	2.00		
							Sp	2.00		
VN	297.79	297.90	0.11	35.00			Py	15.00	Smoky quartz vein hosting disseminated pyrite, crosscut by milky to brown, vuggy, irregular barren	
VT	297.90	298.70	0.80	60.00		9.00	Py	10-20	Smoky quartz veinlets hosting disseminated pyrite. Discontinuous, irregular.	
GO	298.44	299.10	0.66	60.00		3.00			Grey gougy veins.	
VN	298.75	298.78	0.03	60.00			Py	30.00	Smoky to clear quartz vein hosting blebby pyrite and associated blackjack sphalerite.	
							Sp	5.00		
VN	299.27	299.60	0.33	70.00		3.00	Py	20.00	Irregular smoky to clear quartz veins, in strongly silica-flooded zone, hosting euhedral pyrite, blackjack sphalerite blebs and disseminated galena.	
							Sp	5.00		
							Gn	5.00		
GO	300.35	300.43	0.08	70.00		3.00			Grey-white gouge veins, predominantly at 70 degrees TCA with finer gouge along fractures at varying orientations. Associated with pyrite stringers.	
GO	301.23	301.25	0.02	65.00					Smoky grey gouge vein.	
BX	301.25	301.65	0.40				Py	15.00	Zone of smoky silica flooding, brecciating phyllic granodiorite. Disseminated fine to coarse subhedral to euhedral pyrite, and disseminated blackjack sphalerite blebs and fine galena. Discontinuous pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Sp	2.00		
							Gn	1.00		
VN	301.70	301.80	0.10	35.00			Gn	40.00	Massive sulphide irregular vein. Coarse euhedral massive galena, massive blackjack sphalerite, with blebby pyrite and chalcopyrite and associated blebby arsenopyrite.	
							Sp	30.00		
							Py	10.00		
							As	5.00		
							Cp	10.00		
VN	301.84	301.89	0.05	40.00			Py	10.00	Smoky quartz vein hosting disseminated pyrite. Crosscutting milky quartz flooding.	
VN	301.90	302.06	0.16	80.00			Py	20.00	Massive sulphide vein. Smoky quartz. Semi-massive pyrite and sphalerite irregular bands with associated blebby chalcopyrite and disseminated galena. Band of massive sulphosalts, acicular, grading into massive arsenopyrite and pyrite at lower end of vein, with irregular band of blackjack sphalerite at lower rim. Very approximately 80 degrees TCA. Enveloped by strongly siliceous phyllic granodiorite, with	
							Cp	10.00		
							As	15.00		
							Gn	5.00		
							Sp	15.00		
							Sulphosalt	20.00		
VT	302.12	302.24	0.12	55.00		3.00	Py	30.00	Smoky quartz veinlets hosting euhedral disseminated pyrite and blebby blackjack sphalerite. Fine disseminated arsenopyrite.	
							Sp	10.00		
							As	5.00		
ST	302.84	302.92	0.08	65.00		2.00	Py	30.00	2 pyrite-bearing quartz stringers.	
VT	303.54	303.97	0.43	60.00		3.00	Py	40.00	3 clear to milky quartz-carbonate veinlets hosting disseminated pyrite.	
VN	304.18	304.21	0.03	60.00			Py	1.00	Milky quartz-carbonate vein hosting fine band of galena and disseminated pyrite.	
							Gn	5.00		
VT	305.00	316.08	11.08	65.00		3/m			Milky unmineralized quartz-carbonate veinlets, approximately 3 per metre.	
VT	306.45	306.48	0.03	50.00			Py	15.00	Clear to milky quartz-carbonate veinlet, hosting blebby pyrite stringers.	
VT	307.64	307.66	0.02	75.00			Py	10.00	Milky quartz-carbonate veinlet with branching smoky rims hosting fine pyrite	
VT	309.19	309.22	0.03	60.00			Py	5.00	Smoky quartz veinlet hosting blebby pyrite and arsenopyrite, and disseminated blackjack sphalerite.	
							As	5.00		
							Sp	1.00		
VT	311.87	311.95	0.08	25.00			Py	5.00	Smoky to clear quartz-carbonate veinlet hosting disseminated pyrite and blebby chalcopyrite.	
							Cp	2.00		
VN	312.08	312.12	0.04	70.00					Gougy irregular unmineralized milky carbonate vein.	
VN	314.68	314.73	0.05	45.00			Py	5.00	Milky carbonate vein with smoky quartz stringers in selvage hosting very fine disseminated pyrite.	
									EOH @ 316.08m	

KLAZA

Hole: DDH-KL-12-122 **Date: August 29, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
15.85	1410	1595	485.3	307	GRD		PHC	3I	Py	1	2.623243	2.721817	Silicified, phyllic altered granodiorite.
							SIL	3I					
							OXI	2I					
30.9	1410	1630	620.7	391.5	GRD	BX	PHC	3I	Py	20	2.821364	2.708115	Black siliceous breccia with phyllic altered granodiorite clasts. Disseminated pyrite. Galena and sphalerite blebs. Oxidized on fractures
							OXI	2I	Gn	2			
									Sp	2			
59.8	1405	1675	705.4	440.4	GRD		PHC	3I	Py	1	2.612593	2.661887	Phyllic altered granodiorite with clear quartz vein hosting disseminated pyrite.
							SIL	2I					
79.92	1375	1525	447.5	297.7	GRD		PHC	4I	Py	15	2.983333	2.987316	Quartz-flooded phyllic granodiorite with smoky to milky pyrite vein.
							SIL	4I					
82.72	1375	1730	896.6	547.3	GRD		ARG	3I	Py	1	2.525634	2.566848	Moderately argillic granodiorite with disseminated pyrite.
							PHC	1I					
Calibration			2001.8	1744.8									
134.95	1355	1722	1021.9	652.8	GRD		PHC	4I	Py	10	2.784469	2.768626	Moderate to strongly phyllic envelope around smoky to milky quartz vein with semi-massive pyrite and disseminated galena.
									Gn	1			
136.67	1355	1530	444.7	269.5	GRD		ARG	3I			2.541143	2.538242	Argillic granodiorite near siliceous breccia.
160.07	1355	1675	915.5	594.6	GRD		SIL	3I	Py	15	2.860938	2.852914	Silica-flooded phyllic envelope around black to milky quartz vein with blebby pyrite and galena. Disseminated pyrite in blebs and stringers through sample.
							PHC	4I	Gn	3			
									Sp	2			
Calibration			2001.7	1744.6									

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
182.77	1645	1880	774.5	541.9	GRD	FL	PHC	4I	Py	35	3.295745	3.329751	Quartz-flooded granodiorite hosting coarse blebby pyrite.
							SIL	4I					
Calibration			2001.6	1524									
200.6	1645	1835	504	317.8	GRD	BX	PHC	3I	Py	3	2.652632	2.706767	Smoky quartz breccia of phyllic granodiorite. Pyrite and galena blebs replacing quartz.
							SIL	3I	Gn	1			
215.75	1645	1910	677.7	416.4	GRD	EN	ARG	3I			2.557358	2.593571	Argillic altered with trace potassic overprint.
							POT	1I					
230	1645	1875	593.7	366.3	FEL	PO					2.581304	2.610818	Light brown quartz feldspar porphyry dyke with clay-altered phenocrysts.
250.55	1625	1920	751.1	461.8	GRD	MA	PRO	3I			2.546102	2.596267	Propylitic altered granodiorite with potassic overprint.
							POT	2I					
263.44	1625	1755	339.8	212.6	GRD	BX	PHC	3I	Py	10	2.613846	2.671384	Black siliceous breccia with phyllic clasts and disseminated pyrite.
Calibration			2001.4	1326.3									
274.7	1625	1885	783.4	526.2	GRD	VN	SIL	5I	Py	25	3.013077	3.045879	Crustiform quartz vein hosting pyrite stringers and sphalerite.
									As	10			
									Sp	15			
301.9	1600	1740	588.6	451.2	GRD	VN	SIL	5I	Py	20	4.204286	4.283843	Massive sulphide vein. Massive intergrown pyrite, sphalerite and sulphosalts, with disseminated fine galena and blebby chalcopyrite and arsenopyrite.
									Cp	5			
									Sp	20			
									Sulphos	20			
									As	10			
									Gn	15			
EOH													

KLAZA

Hole: DDH-KL-12-122 **Date: August 29, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
12.22	13.61	1.39	1.35	97.1	M359434	122-1				
13.61	15.67	2.06	2.06	100	M359435	122-1				
15.67	16.67	1.00	1.00	100	M359436	122-1				
16.67	18.15	1.48	1.41	95.3	M359437	122-1				
18.15	20.42	2.27	2.19	96.5	M359438	122-1				
20.42	21.42	1.00	0.99	99	M359439	122-1				
21.42	23.47	2.05	1.98	96.6	M359440	122-1				
					M359441	122-1				STANDARD KLAZA-2
23.47	26.52	3.05	3.03	99.3	M359442	122-1				
26.52	29.57	3.05	2.98	97.7	M359443	122-1				
29.57	30.60	1.03	1.03	100	M359444	122-1				
30.60	31.60	1.00	0.97	97	M359445	122-1				
31.60	34.31	2.71	2.60	95.9	M359446	122-1				
					M359447	122-1				COARSE REJECT DUPLICATE
34.31	35.45	1.14	1.12	98.2	M359448	122-1				
35.45	37.20	1.75	1.69	96.6	M359449	122-1				
					M359450	122-1				BLANK
37.20	39.39	2.19	2.15	98.2	M359451	122-1				
39.39	40.49	1.10	1.10	100	M359452	122-1				
40.49	42.13	1.64	1.64	100	M359453	122-1				
40.49	42.13	1.64	1.64	100	M359454	122-1				1/4 DUPLICATE
42.13	43.13	1.00	1.00	100	M359455	122-1				
43.13	44.81	1.68	1.60	95.2	M359456	122-1				
44.81	46.52	1.71	1.63	95.3	M359457	122-1				
					M359458	122-1				STANDARD KLAZA-2
46.52	48.04	1.52	1.49	98	M359459	122-1				
48.04	49.61	1.57	1.51	96.2	M359460	122-1				
49.61	51.61	2.00	1.98	99	M359461	122-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
51.61	52.61	1.00	0.95	95	M359462	122-1				
					M359463	122-1				BLANK
52.61	53.75	1.14	1.14	100	M359464	122-1				
53.75	54.75	1.00	0.95	95	M359465	122-1				
54.75	55.75	1.00	0.97	97	M359466	122-1				
55.75	57.86	2.11	2.08	98.6	M359467	122-1				
57.86	59.00	1.14	1.12	98.2	M359468	122-1				
59.00	60.00	1.00	1.00	100	M359469	122-1				
60.00	62.92	2.92	2.92	100	M359470	122-2				
62.92	64.06	1.14	1.13	99.1	M359471	122-2				
64.06	65.47	1.41	1.36	96.5	M359472	122-2				
65.47	66.47	1.00	0.98	98	M359473	122-2				
					M359474	122-2				BLANK
66.47	67.60	1.13	1.13	100	M359475	122-2				
67.60	69.28	1.68	1.62	96.4	M359476	122-2				
69.28	71.28	2.00	2.00	100	M359477	122-2				
					M359478	122-2				STANDARD KLAZA-2
71.28	72.73	1.45	1.35	93.1	M359479	122-2				
72.73	73.80	1.07	1.05	98.1	M359480	122-2				
73.80	75.70	1.90	1.81	95.3	M359481	122-2				
75.70	76.70	1.00	0.97	97	M359482	122-2				
76.70	79.04	2.34	2.28	97.4	M359483	122-2				
					M359484	122-2				COARSE REJECT DUPLICATE
79.04	80.04	1.00	1.00	100	M359485	122-2				
80.04	81.13	1.09	1.07	98.2	M359486	122-2				
81.13	82.63	1.50	1.50	100	M359487	122-2				
					M359488	122-2				BLANK
82.63	84.43	1.80	1.70	94.4	M359489	122-2				
84.43	86.53	2.10	2.08	99	M359490	122-2				
86.53	87.53	1.00	0.98	98	M359491	122-2				
87.53	88.53	1.00	0.91	91	M359492	122-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
87.53	88.53	1.00	0.91	91	M359493	122-2				1/4 DUPLICATE
88.53	90.53	2.00	2.00	100	M359494	122-2				
90.53	93.57	3.04	2.97	97.7	M359495	122-2				
93.57	96.62	3.05	3.05	100	M359496	122-2				
96.62	98.50	1.88	1.81	96.3	M359497	122-2				
98.50	99.50	1.00	0.95	95	M359498	122-2				
99.50	100.50	1.00	0.92	92	M359499	122-2				
100.50	101.50	1.00	0.98	98	M359500	122-2				
101.50	102.72	1.22	1.22	100	M359501	122-2				
					M359502	122-2				STANDARD KLAZA-3
102.72	105.77	3.05	3.02	99	M359503	122-2				
105.77	108.81	3.04	3.02	99.3	M359504	122-2				
108.81	110.96	2.15	2.08	96.7	M359505	122-2				
110.96	111.96	1.00	1.00	100	M359506	122-3				
111.96	114.66	2.70	2.52	93.3	M359507	122-3				
114.66	115.66	1.00	1.00	100	M359508	122-3				
115.66	117.07	1.41	1.40	99.3	M359509	122-3				
117.07	119.35	2.28	2.18	95.6	M359510	122-3				
					M359511	122-3				COARSE REJECT DUPLICATE
119.35	120.60	1.25	1.25	100	M359512	122-3				
120.60	121.60	1.00	0.99	99	M359513	122-3				
					M359514	122-3				BLANK
121.60	124.05	2.45	2.45	100	M359515	122-3				
124.05	127.10	3.05	3.05	100	M359516	122-3				
127.10	129.10	2.00	1.80	90	M359517	122-3				
					M359518	122-3				STANDARD KLAZA-2
129.10	131.16	2.06	2.04	99	M359519	122-3				
131.16	132.16	1.00	1.00	100	M359520	122-3				
132.16	134.90	2.74	2.74	100	M359521	122-3				
134.90	136.41	1.51	1.50	99.3	M359522	122-3				
					M359523	122-3				BLANK
136.41	137.41	1.00	1.00	100	M359524	122-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
137.41	139.29	1.88	1.88	100	M359525	122-3				
139.29	142.34	3.05	2.85	93.4	M359526	122-3				
142.34	143.34	1.00	1.00	100	M359527	122-3				
					M359528	122-3				1/4 DUPLICATE
143.34	144.34	1.00	1.00	100	M359529	122-3				
144.34	146.21	1.87	1.87	100	M359530	122-3				
146.21	147.55	1.34	1.28	95.5	M359531	122-3				
147.55	148.95	1.40	1.40	100	M359532	122-3				
					M359533	122-3				STANDARD KLAZA-2
148.95	149.95	1.00	0.94	94	M359534	122-3				
149.95	151.35	1.40	1.40	100	M359535	122-3				
151.35	153.10	1.75	1.65	94.3	M359536	122-3				
153.10	154.14	1.04	1.04	100	M359537	122-3				
154.14	155.70	1.56	1.54	98.7	M359538	122-3				
155.70	156.70	1.00	0.97	97	M359539	122-3				
156.70	157.75	1.05	1.01	96.2	M359540	122-3				
157.75	159.20	1.45	1.44	99.3	M359541	122-3				
159.20	160.20	1.00	0.99	99	M359542	122-4				
160.20	161.50	1.30	1.27	97.7	M359543	122-4				
					M359544	122-4				BLANK
161.50	162.50	1.00	1.00	100	M359545	122-4				
162.50	163.68	1.18	1.17	99.2	M359546	122-4				
163.68	164.68	1.00	1.00	100	M359547	122-4				
164.68	167.00	2.32	2.26	97.4	M359548	122-4				
167.00	168.92	1.92	1.84	95.8	M359549	122-4				
168.92	169.92	1.00	1.00	100	M359550	122-4				
169.92	172.33	2.41	2.38	98.8	M359551	122-4				
					M359552	122-4				1/4 DUPLICATE
172.33	173.88	1.55	1.55	100	M359553	122-4				
173.88	174.92	1.04	1.04	100	M359554	122-4				
174.92	176.72	1.80	1.80	100	M359555	122-4				
176.72	178.72	2.00	1.95	97.5	M359556	122-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
178.72	179.90	1.18	1.15	97.5	M359557	122-4				
					M359558	122-4				STANDARD KLAZA-2
179.90	180.90	1.00	0.94	94	M359559	122-4				
180.90	182.50	1.60	1.60	100	M359560	122-4				
182.50	183.50	1.00	1.00	100	M359561	122-4				
183.50	184.50	1.00	0.98	98	M359562	122-4				
					M359563	122-4				BLANK
184.50	187.50	3.00	2.94	98	M359564	122-4				
					M359565	122-4				STANDARD KLAZA-2
187.50	190.50	3.00	3.00	100	M359566	122-4				
190.50	192.24	1.74	1.74	100	M359567	122-4				
192.24	193.45	1.21	1.16	95.9	M359568	122-4				
193.45	194.73	1.28	1.27	99.2	M359569	122-4				
194.73	195.73	1.00	0.99	99	M359570	122-4				
195.73	197.25	1.52	1.52	100	M359571	122-4				
					M359572	122-4				COARSE REJECT DUPLICATE
197.25	198.37	1.12	1.12	100	M359573	122-4				
198.37	200.12	1.75	1.75	100	M359574	122-4				
200.12	201.12	1.00	1.00	100	M359575	122-4				
201.12	203.07	1.95	1.92	98.5	M359576	122-4				
203.07	204.07	1.00	0.98	98	M359577	122-4				
204.07	205.07	1.00	0.98	98	M359578	122-5				
					M359579	122-5				STANDARD KLAZA-1
205.07	206.07	1.00	0.99	99	M359580	122-5				
206.07	207.07	1.00	0.94	94	M359581	122-5				
207.07	208.07	1.00	1.00	100	M359582	122-5				
					M359583	122-5				BLANK
208.07	209.07	1.00	1.00	100	M359584	122-5				
209.07	211.45	2.38	2.38	100	M359585	122-5				
					M359586	122-5				COARSE REJECT DUPLICATE
211.45	212.45	1.00	0.98	98	M359587	122-5				
212.45	213.95	1.50	1.50	100	M359588	122-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
213.95	215.50	1.55	1.42	91.6	M359589	122-5				
					M359590	122-5				1/4 DUPLICATE
215.50	216.83	1.33	1.33	100	M359591	122-5				
216.83	218.54	1.71	1.71	100	M359592	122-5				
218.54	221.59	3.05	3.03	99.3	M359593	122-5				
221.59	224.64	3.05	2.98	97.7	M359594	122-5				
224.64	226.44	1.80	1.71	95	M359595	122-5				
226.44	227.44	1.00	0.95	95	M359596	122-5				
227.44	228.85	1.41	1.41	100	M359597	122-5				
					M359598	122-5				BLANK
228.85	230.73	1.88	1.79	95.2	M359599	122-5				
230.73	233.78	3.05	3.03	99.3	M359600	122-5				
					M359601	122-5				STANDARD KLAZA-2
233.78	235.45	1.67	1.61	96.4	M359602	122-5				
235.45	237.16	1.71	1.68	98.2	M359603	122-5				
237.16	238.35	1.19	1.15	96.6	M359604	122-5				
238.35	239.88	1.53	1.48	96.7	M359605	122-5				
239.88	242.93	3.05	2.86	93.8	M359606	122-5				
242.93	245.97	3.04	2.95	97	M359607	122-5				
245.97	249.02	3.05	2.92	95.7	M359608	122-5				
249.02	250.50	1.48	1.48	100	M359609	122-5				
250.50	251.80	1.30	1.30	100	M359610	122-5				
251.80	253.65	1.85	1.82	98.4	M359611	122-5				
253.65	255.32	1.67	1.67	100	M359612	122-5				
255.32	256.69	1.37	1.35	98.5	M359613	122-5				
256.69	258.17	1.48	1.47	99.3	M359614	122-6				
					M359615	122-6				STANDARD KLAZA-2
258.17	261.21	3.04	3.04	100	M359616	122-6				
261.21	262.45	1.24	1.24	100	M359617	122-6				
262.45	263.65	1.20	1.19	99.2	M359618	122-6				
					M359619	122-6				BLANK
263.65	264.65	1.00	1.00	100	M359620	122-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
264.65	265.65	1.00	1.00	100	M359621	122-6				
265.65	267.23	1.58	1.51	95.6	M359622	122-6				
267.23	268.23	1.00	0.99	99	M359623	122-6				
268.23	270.36	2.13	2.13	100	M359624	122-6				
					M359625	122-6				STANDARD KLAZA-1
270.36	272.30	1.94	1.91	98.5	M359626	122-6				
272.30	274.17	1.87	1.82	97.3	M359627	122-6				
274.17	275.17	1.00	0.99	99	M359628	122-6				
					M359629	122-6				BLANK
275.17	276.45	1.28	1.27	99.2	M359630	122-6				
276.45	278.90	2.45	2.41	98.4	M359631	122-6				
278.90	279.90	1.00	1.00	100	M359632	122-6				
279.90	282.55	2.65	2.65	100	M359633	122-6				
					M359634	122-6				COARSE REJECT DUPLICATE
282.55	285.60	3.05	3.04	99.7	M359635	122-6				
285.60	288.65	3.05	2.91	95.4	M359636	122-6				
288.65	289.75	1.10	1.09	99.1	M359637	122-6				
289.75	290.75	1.00	0.94	94	M359638	122-6				
290.75	291.88	1.13	1.09	96.5	M359639	122-6				
291.88	293.60	1.72	1.70	98.8	M359640	122-6				
					M359641	122-6				1/4 DUPLICATE
293.60	295.60	2.00	1.95	97.5	M359642	122-6				
295.60	296.60	1.00	1.00	100	M359643	122-6				
296.60	297.80	1.20	1.20	100	M359644	122-6				
297.80	298.95	1.15	1.15	100	M359645	122-6				
298.95	300.20	1.25	1.17	93.6	M359646	122-6				
300.20	301.20	1.00	0.97	97	M359647	122-6				
301.20	302.25	1.05	1.02	97.1	M359648	122-6				
302.25	303.25	1.00	0.99	99	M359649	122-6				
303.25	304.25	1.00	1.00	100	M359650	122-7				
					M359651	122-7				BLANK
304.25	306.40	2.15	2.14	99.5	M359652	122-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
306.40	307.70	1.30	1.30	100	M359653	122-7				
307.70	308.98	1.28	1.28	100	M359654	122-7				
308.98	309.98	1.00	0.99	99	M359655	122-7				
309.98	311.45	1.47	1.47	100	M359656	122-7				
311.45	312.45	1.00	0.98	98	M359657	122-7				
					M359658	122-7				BLANK
312.45	314.08	1.63	1.62	99.4	M359659	122-7				
314.08	315.08	1.00	0.98	98	M359660	122-7				
					M359661	122-7				COARSE REJECT DUPLICATE
315.08	316.08	1.00	1.00	100	M359662	122-7				
										EOH

KLAZA

Hole: DDH-KL-12-122 **Tech Name: LIZ BUECKERT** **Date: August 29, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	5.18	5.18	1.11	21	0.00	0		1	0	5w	
5.18	8.23	3.05	2.90	95	0.21	7		1	0	4w	
8.23	11.28	3.05	2.80	92	0.68	22		1	1	3w	
11.28	14.33	3.05	2.92	96	1.08	35		1	0	3w	
14.33	17.37	3.04	3.00	99	2.60	86		2	0	2w	
17.37	20.42	3.05	2.92	96	2.41	79		2		2w	
20.42	23.47	3.05	2.92	96	1.78	58		2	3	2w	
23.47	26.52	3.05	3.00	98	2.65	87		2	3	2w	
26.52	29.57	3.05	2.97	97	2.37	78		2	3	2w	
29.57	32.61	3.04	3.00	99	2.01	66		2	2	3w	
32.61	35.66	3.05	2.93	96	1.82	60		1	3	2w	
35.66	38.71	3.05	3.05	100	2.19	72		1	0	2w	
38.71	41.76	3.05	3.05	100	2.31	76		2	3	2w	
41.76	44.81	3.05	2.91	95	2.38	78		2	4	2w	
44.81	47.85	3.04	2.90	95	1.74	57		2	2	2w	
47.85	50.90	3.05	3.00	98	2.13	70		2	3	2w	
50.90	53.95	3.05	2.98	98	2.06	68		1	2	1w	
53.95	57.00	3.05	2.94	96	2.57	84		2	1	1w	
57.00	60.05	3.05	2.40	79	2.40	79		2	3	1w	
60.05	63.09	3.04	2.85	94	2.85	94		2	3	1w	
63.09	66.14	3.05	1.82	60	1.82	60		2	3	2w	
66.14	69.19	3.05	2.91	95	1.72	56		2	1	2w	
69.19	72.24	3.05	2.94	96	1.88	62		2	1	1w	
72.24	75.29	3.05	2.94		2.34	77		2	1	1w	
75.29	78.34	3.05	2.90	96	1.72	56		1	0	1w	
78.34	81.39	3.05	2.98	95	2.36	77		2	2	2w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.39	84.43	3.04	2.94	98	1.95	64		2	3	1w	
84.43	87.48	3.05	2.96	96	1.87	61		2	0	1w	
87.48	90.53	3.05	2.96	97	0.29	10		1	0	1w	
90.53	93.57	3.04	2.90	97	1.22	40		1	1s	1w	
93.57	96.62	3.05	2.89	95	1.27	42		1	3s	1w	
96.62	99.67	3.05	2.88	95	1.98	65		2	3s	1w	
99.67	102.72	3.05	2.93	94	2.06	68		2	3s	1w	
102.72	105.77	3.05	2.83	96	2.01	66		2	3s	1w	
105.77	108.81	3.04	3.02	93	1.74	57		2	3s	1w	
108.81	111.86	3.05	2.78	99	1.11	36		1	0s	1w	
111.86	114.91	3.05	2.81	91	2.22	73		2	3s	1w	
114.91	117.96	3.05	2.93	92	1.49	49		1	0s	1w	
117.96	121.01	3.05	2.95	96	1.88	62		2	0s	3w	
121.01	124.05	3.04	3.00	97	2.26	74		1	0s	3w	
124.05	127.10	3.05	3.05	98	2.35	77		2	3s	3w	
127.10	130.15	3.05	3.03	100	2.86	94		2	3s	1w	
130.15	133.20	3.05	3.00	99	2.88	94		2	3s	1w	
133.20	136.25	3.05	3.00	98	2.50	82		2	3s	1w	
136.25	139.29	3.04	3.05	99	2.68	88		2	3s	2w	
139.29	142.34	3.05	2.83	100	2.30	75		2	3s	1w	
142.34	145.39	3.05	3.00	93	2.71	89		2	3s	1w	
145.39	148.44	3.05	2.94	98	2.43	80		2	3s	1w	
148.44	151.49	3.05	2.93	96	2.40	79		2	1s	1w	
151.49	154.53	3.04	2.91	96	2.12	70		2	3s	2w	
154.53	157.58	3.05	3.00	95	1.90	62		1	0s	4w	
157.58	160.63	3.05	3.05	98	1.75	57		1	0s	2w	
160.63	163.68	3.05	2.92	100	2.51	82		2	3s	2w	
163.68	166.73	3.05	3.00	96	2.48	81		2	3s	1w	
166.73	169.77	3.04	2.92	99	2.79	92		2	0s	2w	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.95	96	2.66	87		1	0s	4w	
172.82	175.87	3.05	3.05	97	2.73	90		1	0s	4w	
175.87	178.92	3.05	2.97	100	2.37	78		2	1s	2w	
178.92	181.97	3.05	2.98	97	2.18	71		2	3s	1w	
181.97	185.01	3.04	3.03	98	2.62	86		1	1s	2w	
185.01	188.06	3.05	3.05	99	2.75	90		1	3s	1w	
188.06	191.00	2.94	3.05	104	2.83	96		2	3s	2w	
191.00	194.16	3.16	3.03	97	2.71	86		2	2s	1w	
194.16	197.21	3.05	3.05	99	2.74	90		2	3s	1w	
197.21	200.25	3.04	3.03	100	2.89	95		2	4s	1w	
200.25	203.30	3.05	3.02	99	2.34	77		2	3s	1w	
203.30	206.35	3.05	2.80	99	2.57	84		2	1s	1w	
206.35	209.40	3.05	3.01	92	2.05	67		2	3s	2w	
209.40	212.45	3.05	3.02	99	3.02	99		2	0s	1	
212.45	215.50	3.05	2.90	99	2.42	79		2	3s	1	
215.50	218.54	3.04	3.05	95	2.60	86		2	3s	1	
218.54	221.59	3.05	3.05	100	2.74	90		2	3s	1	
221.59	224.64	3.05	2.99	100	2.19	72		2	3s	2	
224.64	227.69	3.05	2.93	98	2.69	88		2	3s	1	
227.69	230.73	3.04	3.00	96	2.46	81		2	0s	3	
230.73	233.78	3.05	3.05	98	1.89	62		1	0s	3	
233.78	236.83	3.05	2.95	100	1.16	38		2	2s	3	
236.83	239.88	3.05	3.02	97	1.49	49		1	1s	3	
239.88	242.93	3.05	2.82	99	1.34	44		1	1s	3	
242.93	245.97	3.04	2.91	93	0.11	4		1	0s	3	
245.97	249.02	3.05	2.82	95	0.26	9		1	2s	3	
249.02	252.07	3.05	3.01	92	2.37	78		1	2s	2	
252.07	255.12	3.05	3.03	99	2.53	83		1	3s	2	
255.12	258.17	3.05	3.02	99	2.80	92		2	4s	1	
258.17	261.21	3.04	3.05	99	2.25	74		2	3s	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	3.05	100	2.44	80		2	4s	1	
264.26	267.31	3.05	2.96	100	2.57	84		2	3s	1	
267.31	270.36	3.05	3.05	97	2.86	94		2	4s	1	
270.36	273.41	3.05	3.00	100	2.99	98		2	4s	1	
273.41	276.45	3.04	2.99	99	2.68	88		2	3s	1	
276.45	279.50	3.05	2.95	98	1.78	58		2	2s	3	
279.50	282.55	3.05	3.03	97	2.22	73		2	2s	1	
282.55	285.60	3.05	3.04	99	2.64	87		2	3s	2	
285.60	288.65	3.05	2.88	100	1.84	60		2	3s	2	
288.65	291.69	3.04	2.92	95	2.02	66		2	3s	2	
291.69	294.74	3.05	3.00	96	2.45	80		2	3s	1	
294.74	297.79	3.05	3.05	98	2.95	97		2	3s	1	
297.79	300.84	3.05	3.03	100	1.02	33		1	3s	3	
300.84	303.89	3.05	2.96	99	2.28	75		1	3s	2	
303.89	306.93	3.04	2.94	97	2.56	84		2	3s	2	
306.93	309.98	3.05	3.04	96	2.45	80		2	3s	1	
309.98	313.03	3.05	3.00	100	2.63	86		2	3s	1	
313.03	316.08	3.05	3.05	98	2.52	83		2	3s	1	
	EOH @ 316.08										

KLAZA

Hole:DDH-KL-12-122 **Tech Name: LIZ BUECKERT** **Date: SE** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	5.18	5.18	0.00						
5.18	8.23	3.05	60.00	0.26	0.00	2.00	2R	2W	
8.23	11.28	3.05	0.00						
11.28	14.33	3.05	60.00	0.21	0.00	1.00	1R	2W	
14.33	17.37	3.04	0.00	0.00	0.50	0.00	0.00	0.00	
17.37	20.42	3.05	0.00						
20.42	23.47	3.05	0.00						
23.47	26.52	3.05	0.00						
26.52	29.57	3.05	70.00	0.38	0.00	1.00	1R	2W	
29.57	32.61	3.04	65.00	0.44	0.00	1.00	1R	2W	
32.61	35.66	3.05	75.00	0.39	0.25	1.00	1R	2W	
35.66	38.71	3.05	0.00						
38.71	41.76	3.05	0.00						
41.76	44.81	3.05	45.00	0.49	0.00	2.00	2R	1W	
44.81	47.85	3.04	55.00	0.23	0.00	1.00	1R	2W	
47.85	50.90	3.05	65.00	0.22	0.00	1.00	2R	1W	
50.90	53.95	3.05	65.00	0.37	0.00	1.00	2R	1W	
53.95	57.00	3.05	60.00	0.13	0.00	1.00	1R	2W	
57.00	60.05	3.05	40.00	0.94	0.00	1.00	2R	2W	
60.05	63.09	3.04	75.00	0.35	0.50	1.00	2R	2W	
63.09	66.14	3.05	30.00	0.20	2.00	2.00	3R	1W	
66.14	69.19	3.05	30.00	0.10	1.00	2.00	2R	1W	additional joint set 45, .20, 1, 2, 2r, 2w
69.19	72.24	3.05	50.00	0.25	0.00	1.00	2r	1w	additional joint set 40, .15, 0, 1 , 2r, 1w
72.24	75.29	3.05	0.00						
75.29	78.34	3.05	45.00	0.70	0.00	1.00	2r	1w	
78.34	81.39	3.05	35.00	1.00	1.00	2.00	2r	1w	65, .4, 0, 2, 2r, 1w
81.39	84.43	3.04	0.00						
84.43	87.48	3.05	30.00	0.80	0.00	1.00	2r	1w	
87.48	90.53	3.05	45.00	0.05	2.00	2.00	2r	1w	

KLAZA

90.53	93.57	3.04	0.00						
93.57	96.62	3.05	45.00	0.80	0.00	1.00	2r	1w	additional joint set: 60, 1, 0, 1, 2r, 1w
96.62	99.67	3.05	45.00	0.15	0.00	2.00	3r	1w	
99.67	102.72	3.05	45.00	0.70	0.00	2.00	2r	1w	
102.72	105.77	3.05	0.00						
105.77	108.81	3.04	45.00	1.00	1.00	2.00	3r	1w	
108.81	111.86	3.05	65.00	0.05	0.00	2.00	3r	1w	
111.86	114.91	3.05	0.00						
114.91	117.96	3.05	60.00	0.15	0.00	2.00	2r	1w	
117.96	121.01	3.05	60.00	0.24	0.00	2.00	2r	2w	
121.01	124.05	3.04	0.00						
124.05	127.10	3.05	70.00	0.26	0.00	2.00	2r	2w	
127.10	130.15	3.05	60.00	0.47	0.00	1.00	2r	2w	
130.15	133.20	3.05	60.00	0.34	0.00	1.00	2r	2w	
133.20	136.25	3.05	0.00						
136.25	139.29	3.04	75.00	0.41	0.00	2.00	2r	2w	
139.29	142.34	3.05	0.00						
142.34	145.39	3.05	0.00						
145.39	148.44	3.05	0.00						
148.44	151.49	3.05	60.00	0.90	0.00	1.00	2r	2w	
151.49	154.53	3.04	0.00						
154.53	157.58	3.05	60.00	0.25	0.00	2.00	2r	2w	
157.58	160.63	3.05	60.00	0.36	0.00	1.00	2r	2w	
160.63	163.68	3.05	0.00						
163.68	166.73	3.05	70.00	0.42	0.00	1.00	2r	1w	
166.73	169.77	3.04	60.00	0.19	0.00	2.00	3r	2w	
169.77	172.82	3.05	60.00	0.12	5.50	2.00	2r	3w	
172.82	175.87	3.05	75.00	0.58	1.50	2.00	3r	3w	
175.87	178.92	3.05	60.00	0.18	0.00	2.00	2r	1w	
178.92	181.97	3.05	60.00	0.26	0.00	1.00	2r	1w	
181.97	185.01	3.04	60.00	0.45	0.00	2.00	2r	1w	
185.01	188.06	3.05	60.00	0.60	0.00	1.00	2r	2w	
188.06	191.00	2.94	80.00	0.29	0.00	2.00	3r	2w	
191.00	194.16	3.16	40.00	0.30	0.00	1.00	2r	1w	
194.16	197.21	3.05	60.00	0.02	0.00	1.00	2r	2w	
197.21	200.25	3.04	0.00						
200.25	203.30	3.05	60.00	0.07	0.00	2.00	2r	1w	
203.30	206.35	3.05	60.00	0.09	0.00	2.00	2r	1w	
206.35	209.40	3.05	60.00	0.33	0.00	2.00	2r	2w	
209.40	212.45	3.05	65.00	0.35	0.00	1.00	2r	2w	

KLAZA

212.45	215.50	3.05	55.00	0.11	0.00	3.00	2r	2w	
215.50	218.54	3.04	55.00	0.40	0.00	2.00	2r	1w	
218.54	221.59	3.05	55.00	0.59	0.00	2.00	2r	1w	
221.59	224.64	3.05	60.00	0.18	0.00	2.00	3r	2w	
224.64	227.69	3.05	55.00	0.60	0.00	2.00	2r	1w	
227.69	230.73	3.04	65.00	0.34	1.50	2.00	2r	4w	
230.73	233.78	3.05	35.00	0.35	2.00	2.00	3r	4w	
233.78	236.83	3.05	30.00	0.20	3.00	2.00	2r	4w	
236.83	239.88	3.05	50.00	0.30	2.00	2.00	2r	4w	
239.88	242.93	3.05	20.00	0.50	0.00	2.00	2r	2w	
242.93	245.97	3.04	0.00						
245.97	249.02	3.05	50.00	0.03	0.00	2.00	2r	3w	
249.02	252.07	3.05	60.00	0.15	0.00	2.00	2r	2w	
252.07	255.12	3.05	40.00	0.30	0.00	2.00	2r	2w	
255.12	258.17	3.05	80.00	0.70	0.00	3.00	3r	1w	
258.17	261.21	3.04	20.00	0.25	1.00	2.00	2r	2w	
261.21	264.26	3.05	45.00	0.30	0.00	3.00	3r	2w	
264.26	267.31	3.05	45.00	0.50	0.00	2.00	2r	2w	
267.31	270.36	3.05	65.00	0.45	0.00	2.00	2r	2w	
270.36	273.41	3.05	75.00	0.40	0.00	2.00	3r	2w	
273.41	276.45	3.04	45.00	0.40	0.00	2.00	2r	2w	
276.45	279.50	3.05	70.00	0.10	1.00	2.00	2r	3w	
279.50	282.55	3.05	0.00						competent broken by hammer blows
282.55	285.60	3.05	60.00	0.25	0.00	2.00	2r	2w	
285.60	288.65	3.05	35.00	0.50	0.00	2.00	2r	2w	
288.65	291.69	3.04	50.00	0.20	0.00	2.00	2r	2w	
291.69	294.74	3.05	60.00	0.50	0.00	2.00	2r	2w	
294.74	297.79	3.05	50.00	0.45	0.00	2.00	3r	2w	
297.79	300.84	3.05	70.00	0.10	0.00	2.00	3r	3w	
300.84	303.89	3.05	60.00	0.40	0.00	3.00	3r	2w	
303.89	306.93	3.04	45.00	0.50	0.00	2.00	3r	2w	
306.93	309.98	3.05	35.00	0.30	0.00	2.00	3r	2w	
309.98	313.03	3.05	70.00	0.25	0.00	2.00	3r	2w	
313.03	316.08	3.05	40.00	0.80	0.00	2.00	3r	2w	
	EOH @ 316.08								

KLAZA

Hole: DDH-KL-12-122 Date: August 29, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00		
6.00	0.18	
7.00	3.55	
8.00	6.69	
9.00	6.99	
10.00	0.96	
11.00	5.39	
12.00	13.40	
13.00	4.17	
14.00	0.31	
15.00	0.78	
16.00	0.25	
17.00	0.23	
18.00	8.91	
19.00	7.50	
20.00	7.83	
21.00	6.09	
22.00	5.69	
23.00	5.12	
24.00	4.19	
25.00	2.48	
26.00	1.79	
27.00	1.39	
28.00	3.33	
29.00	1.04	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.27	
31.00	0.23	
32.00	0.43	
33.00	0.49	
34.00	0.27	
35.00	2.37	
36.00	0.43	
37.00	0.32	
38.00	0.34	
39.00	0.21	
40.00	0.27	
41.00	0.69	
42.00	0.67	
43.00	0.80	
44.00	0.84	
45.00	0.82	
46.00	0.47	
47.00	0.21	
48.00	0.23	
49.00	0.23	
50.00	0.32	
51.00	0.89	
52.00	0.14	
53.00	0.95	
54.00	0.98	
55.00	0.51	
56.00	0.32	
57.00	0.71	
58.00	0.56	
59.00	2.06	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.18	
61.00	0.23	
62.00	0.09	
63.00	0.51	
64.00	0.16	
65.00	0.51	
66.00	0.29	
67.00	0.42	
68.00	0.23	
69.00	0.89	
70.00	1.77	
71.00	0.34	
72.00	0.24	
73.00	0.29	
74.00	0.18	
75.00	0.67	
76.00	6.35	
77.00	2.43	
78.00	3.51	
79.00	0.86	
80.00	0.21	
81.00	0.31	
82.00	0.29	
83.00	1.68	
84.00	13.30	
85.00	12.00	
86.00	14.40	
87.00	0.43	
88.00	11.20	
89.00	4.48	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	8.14	
91.00	13.90	
92.00	3.44	
93.00	0.69	
94.00	0.53	
95.00	1.06	
96.00	1.22	
97.00	7.02	
98.00	25.70	
99.00	3.93	
100.00	9.58	
101.00	0.38	
102.00	10.30	
103.00	4.92	
104.00	1.72	
105.00	4.79	
106.00	6.64	
107.00	0.71	
108.00	6.07	
109.00	14.50	
110.00	10.50	
111.00	7.11	
112.00	0.98	
113.00	8.34	
114.00	13.00	
115.00	0.67	
116.00	7.35	
117.00	0.89	
118.00	9.25	
119.00	10.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	8.80	
121.00	0.38	
122.00	7.35	
123.00	9.66	
124.00	10.70	
125.00	9.15	
126.00	13.40	
127.00	15.30	
128.00	11.20	
129.00	3.67	
130.00	11.00	
131.00	16.00	
132.00	4.42	
133.00	3.58	
134.00	9.73	
135.00	0.38	
136.00	0.49	
137.00	0.16	
138.00	0.34	
139.00	10.20	
140.00	10.40	
141.00	5.14	
142.00	15.10	
143.00	10.00	
144.00	11.90	
145.00	9.89	
146.00	12.10	
147.00	11.60	
148.00	14.90	
149.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.17	
151.00	0.54	
152.00	0.58	
153.00	0.21	
154.00	0.40	
155.00	0.38	
156.00	0.27	
157.00	0.28	
158.00	0.21	
159.00	0.27	
160.00	0.03	
161.00	0.03	
162.00	0.12	
163.00	0.47	
164.00	0.16	
165.00	1.42	
166.00	0.47	
167.00	3.16	
168.00	0.31	
169.00	6.29	
170.00	0.65	
171.00	1.33	
172.00	1.39	
173.00	4.37	
174.00	0.07	
175.00	0.20	
176.00	0.31	
177.00	0.12	
178.00	0.18	
179.00	0.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.23	
181.00	2.54	
182.00	5.17	
183.00	0.67	
184.00	5.06	
185.00	1.35	
186.00	1.28	
187.00	7.06	
188.00	5.16	
189.00	4.53	
190.00	0.16	
191.00	4.19	
192.00	0.31	
193.00	0.14	
194.00	0.40	
195.00	3.20	
196.00	4.15	
197.00	4.11	
198.00	0.58	
199.00	12.80	
200.00	0.62	
201.00	0.32	
202.00	1.29	
203.00	12.20	
204.00	4.59	
205.00	0.49	
206.00	2.67	
207.00	0.53	
208.00	3.20	
209.00	8.65	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	7.28	
211.00	10.50	
212.00	0.20	
213.00	0.43	
214.00	13.70	
215.00	9.53	
216.00	13.90	
217.00	2.23	
218.00	7.32	
219.00	9.36	
220.00	10.80	
221.00	13.90	
222.00	5.01	
223.00	6.03	
224.00	4.72	
225.00	15.50	
226.00	11.20	
227.00	5.01	
228.00	6.67	
229.00	0.01	
230.00	0.73	
231.00	0.23	
232.00	0.23	
233.00	0.21	
234.00	0.20	
235.00	0.27	
236.00	0.21	
237.00	0.36	
238.00	0.16	
239.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.21	
241.00	0.20	
242.00	0.27	
243.00	0.16	
244.00	0.20	
245.00	0.65	
246.00	0.27	
247.00	0.20	
248.00	0.20	
249.00	0.71	
250.00	1.37	
251.00	0.49	
252.00	0.32	
253.00	2.89	
254.00	13.30	
255.00	2.30	
256.00	11.60	
257.00	9.51	
258.00	12.70	
259.00	1.31	
260.00	9.93	
261.00	18.80	
262.00	1.92	
263.00	0.62	
264.00	17.50	
265.00	13.50	
266.00	15.10	
267.00	7.57	
268.00	0.27	
269.00	15.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	18.20	
271.00	0.45	
272.00	14.00	
273.00	14.00	
274.00	10.70	
275.00	0.43	
276.00	7.32	
277.00	4.24	
278.00	0.64	
279.00	1.73	
280.00	0.78	
281.00	7.44	
282.00	8.91	
283.00	13.60	
284.00	9.05	
285.00	11.00	
286.00	1.02	
287.00	0.53	
288.00	14.20	
289.00	9.29	
290.00	0.54	
291.00	7.06	
292.00	0.27	
293.00	12.50	
294.00	1.70	
295.00	0.53	
296.00	0.34	
297.00	1.55	
298.00	0.27	
299.00	0.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.23	
301.00	0.20	
302.00	0.14	
303.00	5.70	
304.00	2.37	
305.00	8.52	
306.00	16.90	
307.00	10.20	
308.00	15.80	
309.00	11.60	
310.00	16.90	
311.00	8.82	
312.00	0.32	
313.00	11.50	
314.00	12.50	
315.00	9.33	
316.00	3.45	
	EOH@316.08	

KLAZA

Hole: DDH-KL-12-122 **Date: SEPT 2 2012**

Box #	From (m)	To (m)
1	0.00	8.85
2	8.85	14.47
3	14.47	20.28
4	20.28	26.03
5	26.03	31.77
6	31.77	37.51
7	37.51	43.13
8	43.13	48.78
9	48.78	54.31
10	54.31	60.05
11	60.05	65.63
12	65.63	70.68
13	70.68	76.25
14	76.25	81.76
15	81.76	87.48
16	87.48	92.52
17	92.52	97.73
18	97.73	103.26
19	103.26	108.35
20	108.35	113.68
21	113.68	119.02
22	119.02	124.48
23	124.48	130.15
24	130.15	135.63
25	135.63	141.20
26	141.20	146.80
27	146.80	152.42
28	152.42	158.19
29	158.19	163.89

KLAZA

30	163.89	169.65
31	169.65	175.26
32	175.26	180.98
33	180.98	186.55
34	186.55	192.36
35	192.36	197.93
36	197.93	203.48
37	203.48	209.20
38	209.20	214.84
39	214.84	220.35
40	220.35	225.78
41	225.78	231.43
42	231.43	236.85
43	236.85	242.26
44	242.26	247.51
45	247.51	252.97
46	252.97	258.76
47	258.76	264.46
48	264.46	270.36
49	270.36	276.17
50	276.17	281.74
51	281.74	287.62
52	287.62	293.37
53	293.37	299.21
54	299.21	304.56
55	304.56	310.29
56	310.29	315.87
57	315.87	316.08
		EOH @ 316.08

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382686.21	6889098.7	1424.283	328.27

ZONE:

SECTION:

HOLE: DDH-KL-12-123

CLAIM: YC37991

Contractor: Strike

Drill: 2

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates:

TARGET:

Geology logged by: N. Marsh, D. Walsh. G. Wolff

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method

SAMPLES

Numbers: M358594-M358845

Total: 252

Batch: 123-1 to 123-7

Date Sent:

Certificate:

COMMENTS

EOH @ 328.27m

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OVB	Oxidized overburden.
3.05	7.55	4.50	FEL	Limonite-stained quartz-feldspar porphyry dyke.
7.55	11.67	4.12	GRD	Argillic altered granodiorite.
11.67	51.15	39.48	GRD	Propylitic altered granodiorite with argillic to phyllic e
51.15	53.87	2.72	FEL	Grey-brown quartz-feldspar porphyry dyke.
53.87	72.71	18.84	GRD	Argillic to phyllic altered granodiorite.
72.71	82.39	9.68	SIL	White siliceous dyke.
82.39	93.00	10.61	GRD	Moderately phyllic altered granodiorite hosting multi
93.00	96.37	3.37	FEL	Partially gouge altered quartz-feldspar porphyry dyke
96.37	151.09	54.72	GRD	Moderately phyllic and moderately silicified granodio
151.09	163.68	12.59	FEL	Green/tan quartz-feldspar porphyry dyke.
163.68	180.28	16.60	GRD	Moderately silicified, phyllic altered granodiorite.
180.28	181.36	1.08	FEL	Grey quartz-feldspar porphyry dyke.
181.36	183.18	1.82	GRD	Propylitic altered granodiorite.
183.18	192.01	8.83	FEL	Grey quartz-feldspar porphyry dyke.
192.01	193.5	1.49	GRD	Phyllic altered granodiorite.
193.5	194.57	1.07	FEL	Grey quartz-feldspar porphyry dyke.
194.57	196.98	2.41	GRD	Phyllic, silicified granodiorite.
196.98	200.92	3.94	FEL	Grey-green-tan quartz-feldspar porphyry dyke.
200.92	204.58	3.66	GRD	Argillic altered granodiorite with phyllic overprint.
204.58	226.61	22.03	GRD	Propylitic to unaltered granodiorite.
226.61	230.1	3.49	FEL	Purple-brown quartz-feldspar porphyry dyke.
230.1	249.88	19.78	GRD	Propylitic granodiorite with argillic and phyllic envelopes.
249.88	258.51	8.63	FEL	Green quartz-feldspar porphyry dyke.
258.51	275.75	17.24	GRD	Phyllic altered granodiorite.
275.75	277.14	1.39	FEL	Green quartz-feldspar porphyry dyke.
277.14	292.29	15.15	GRD	Strongly silicified phyllic altered granodiorite.
292.29	293.12	0.83	SIL	Light grey-green siliceous dyke.
293.12	306.93	13.81	GRD	Phyllic altered granodiorite, rubbly and gougy.
306.93	328.27	21.34	GRD	Propylitic altered granodiorite with patchy argillic alteration.
				EOH @ 328.27m

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Logger Name:** N. Marsh, D. Walsh. G. Wolff **Date: September 1 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	3.05						OVB					4.00									Overburden. Fragmented granodiorite and quartz-feldspar-porphyry dyke. Highly oxidized.
3.05	7.55						FEL		MD	OR	PA	3.00									Oxidized quartz-feldspar-porphyry dyke. Patchy limonite staining with grey, fresher dyke peaking out from under limonite staining.
										BN											
7.55	9.38						GRD		MD	OR		3.00									Heavily limonite stained granodiorite with quartz eyes up to 5mm in width. Patch of friable/crumble granodiorite.
9.38	11.67						GRD		LT	OR	PA	3.00	PHC	3.00							Crumbly, argillic altered granodiorite with patches of phyllic altered (competent) granodiorite. Argillic alteration is dominantly strong, phyllic is moderate.
									LT	GN											
11.67	49.66	37.99				mKgW	GRD	MG	MD	GY-GN		2.00		PRO	2.00						Weak propyllitic altered granodiorite. Limonite staining on most fractures. Weak and friable patches at beginning of interval, grading into more competent core.
														PHC	1.00						
														ARG	1.00						
			21.46	22.76	1.30	mKgW	GRD	MG	LT	GN		2.00		PHC	4.00						Strong phyllic altered granodiorite, hosting disseminated pyrite. Quartz-carbonate
			29.63	30.32	0.69	mKgW	GRD	MG	LT	GN				ARG	3.00						Moderately argillic altered granodiorite with weak phyllic overprinting.
														PHC	2.00						
			35.95	38.23	2.28	mKgW	GRD	MG				2.00		PHC	4.00	<1					Strong phyllic altered granodiorite with patch of strong argillic alteration. Phyllic alteration hosting disseminated pyrite and carbonate veinlets.
														ARG	1.00						
			43.44	46.06	2.62	mKgW	GRD	MG	LT	WH		1.00		ARG	3.00						Moderately argillic altered granodiorite with weak potassic overprinting grading into phyllic overprinting.
														POT	2.00						
														PHC	1.00						
			17.64	48.26	30.62	mKgW	GRD	MG	LT	GN		1.00		PHC	3.00						Moderately argillic altered granodiorite with weak phyllic overprinting.
														PHC	2.00						
49.66	51.15	1.49				mKgW	GRD	MG	LT	GN		1.00		PHC	4.00	<1					Phyllic altered granodiorite in footwall of quartz-feldspar-porphyry dyke. Moderately to strong phyllic alteration with patch of moderate argillic alteration. Milky quartz vein described in secondary structures log.
														ARG	2.00						
51.15	53.87	2.72				LKqP	FEL	FG	MD	GY	PO										Grey-brown quartz-feldspar-porphyry dyke. Carbonate stringers and one vein present. Dominantly white feldspar phenocrysts.
53.87	56.79	2.92				mKgW	GRD	MG	LT	WH		2.00		ARG	3.00						Moderate argillic altered granodiorite with weak phyllic overprinting. Patchy limonite staining.
									LT	GN				PHC	2.00						
56.79	58.60	1.81							LT	OR	PA	3.00		PHC	3.00						Weak, crumbly, argillic and limonite stained granodiorite with fragments of phyllic altered (and limonite stained) granodiorite.
														ARG	3.00						
58.60	58.78	0.18					BXA		DK	GY	BX										
58.78	72.71	13.93				mKgW	GRD	MG	LT	GN		1.00		PHC	4.00	3.00					Strong to intense phyllic altered granodiorite. Light green (strong phyllic) to light blue (siliceous, intensely phyllic altered) colours. Disseminated pyrite throughout. Pyrite stringers, and veining (hosting pyrite) throughout (see secondary structures log). Limonite staining at beginning of interval, grading into no limonite staining. Breccia at end of interval at contact with dyke (white quartz-carbonate matrix, dyke and intensely phyllic altered granodiorite clasts hosting blebby pyrite and sphalerite, clasts 1mm to 2cm in width).
									LT	BL											

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
72.71	82.39	9.68					SIL		LT	WH	PO										White siliceous dyke. White aplanatic groundmass (with feldspar and quartz phenocrysts up to 3mm). Phenocrysts are smaller than those in the quartz-feldspar-porphyry dyke. Quartz phenocrysts are much more common than feldspar phenocrysts. Limonite staining at contacts with granodiorite.
82.39	93.00	10.61				mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic altered granodiorite hosting multiple quartz/sulphide veins, a breccia and gouge zones.
										GY											
			83.54	84.43	0.89	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and moderately propyllitic altered granodiorite.
										GY			3I								
			84.69	85.33	0.64	mKgW	GRD	MG	DK	GN				PRO	3I						Moderately silicified and moderately propyllitic altered granodiorite.
										GY			3I								
			88.72	88.87	0.15	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a moderate potassic overprint.
										PK				POT	3I						
			89.88	90.43	0.55	mKgW	GRD	MG		GN				PHC	3I	1.00					Intensely silicified and moderately phyllic altered granodiorite hosting disseminated pyrite and a sphalerite vein and a grey gouge vein.
										GY			5I								
			91.00	91.30	0.30	mKgW	GRD	MG		GN	EN			PHC	3I						Intensely silicified, moderate phyllic envelope surrounding a grey quartz veinlet hosting blebby pyrite and sphalerite.
										GY	EN		5I								
			91.49	93.00	1.51	mKgW	GRD	MG	DK	GN	PA			PRO	3I						Patchy/mottled complexed propyllitic and phyllic altered granodiorite hosting multiple carbonate stringers and a grey gouge vein. The whole interval is moderately silicified.
									LT	GN	PA			PHC	3I						
										GY											
93.00	96.37	3.37				LKqP	FEL			TN											Partially gouge altered quartz feldspar porphyry dyke.
96.37	142.43	46.06				mKgW	GRD	MG		GN				PHC	3I						Moderately phyllic and moderately silicified granodiorite with small patches of argillic alteration.
										WH	PA			ARG	3I						
			99.00	99.16	0.16	mKgW	GRD	MG		GY			5I					To	3.00		Intensely silicified and moderately phyllic altered granodiorite hosting disseminated black tourmaline.
									DK	GN				PHC	3I						
			99.76	100.72	0.96	mKgW	GRD	MG		GN				PRO	3I						Purple/green intensely silicified granodiorite. Silicification obscures rock textures. May have been propyllitic altered granodiorite with a potassic overprint prior to silicification. Hosts carbonate veining which hosts disseminated to blebby pyrite. Granodiorite is fine grained and contains 1-3mm phenocrysts.
										PU				POT	3I						
										GY			5I								
			101.26	101.82	0.56	mKgW	GRD	MG		GN			4I								Strongly silicified fine grained green granodiorite. Contains 1-5mm clay phenocrysts. May have been phyllic altered before silicification obscured rock texture.
			103.04	104.07	1.03	mKgW	GRD	MG	DK	GY			5I								Intensely silicified dark grey/dark pink granodiorite. May have had a moderately potassic overprint before silicification. Contains multiple carbonate veinlets with small phyllic envelopes.
									DK	PK				POT	3I						
			106.16	108.33	2.17	mKgW	GRD	MG	DK	GN				PRO	3I						Intensely silicified dark grey/dark pink granodiorite. Consists of alternating patches of strongly propyllitic alteration and dark grey/dark purple granodiorite. Dark purple may be due to potassic overprint. Interval is cross-cut by multiple white carbonate stringers.
									DK	PK				POT	3I						
									DK	GY			5I								

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			110.08	110.21	0.13		APL			PK			5I								Patch of intensely silicified aplite dyke(?).
			110.50	110.84	0.34	mKgW	GRD	MG	DK	GY			5I								Intensely silicified dark grey and dark pink granodiorite. Granodiorite may have had a potassic overprint (?).
									DK	PK											
			111.11	111.91	0.80	mKgW	GRD	MG	DK	GY			5I								Intensely silicified dark grey and dark pink granodiorite. Granodiorite may have had a potassic overprint (?).
									DK	PK											
			111.91	112.25	0.34		APL			PK			5I								Light pink to pink intensely silicified aplite with 1mm-5mm white to green phenocrysts.
			112.66	113.05	0.39	mKgW	GRD	MG		GY											Grey fine grained granodiorite(?) with 1-3mm orange phenocrysts.
			113.69	115.64	1.95	mKgW	GRD	MG		GN				PHC	3I	1.00					Intensely silicified and moderately phyllic altered granodiorite hosting disseminated to blebby pyrite, multiple pyrite veinlets and stringers along with multiple gouge zones.
										GY			5I								
			116.35	118.41	2.06	mKgW	GRD	MG		GN				PHC	3I	2.00		To	2.00		Moderately to strongly phyllic altered granodiorite that has been intensely silicified. Silicification is strongest where phyllic alterations strongest. Hosts disseminated pyrite and tourmaline.
										GY			4-5I								
			121.53	121.81	0.28	mKgW	GRD	MG		GN				PHC	3I			To	5.00		Moderately phyllic and intensely silicified granodiorite hosting disseminated tourmaline.
										GY			5I								
			124.05	130.00	5.95	mKgW	GRD	MG		GN				PHC	3I			To	2.00		Intensely silicified and moderately phyllic fine grained grey to green granodiorite (?). Contains 1-5mm white to green clay phenocrysts. Hosts a few pyrite veinlets and stringers.
										GY			4-5I								
			134.30	134.58	0.28		APL			GY			5I								Grey/pink aplite hosting a green veinlet and a pyrite veinlet.
										PK											
			134.94	135.49	0.55	mKgW	GRD	MG		WH				ARG	3I						Moderately argillic altered granodiorite with a weak potassic overprint.
										PK				POT	2I						
			135.49	135.93	0.44	mKgW	GRD	MG	DK	GN				PRO	3I						Intensely silicified and moderately propyllitic altered granodiorite.
									DK	GY			5I								
			137.07	137.47	0.40	mKgW	GRD	MG		GN				PHC	4I	1.00					Intensely silicified and strongly phyllic altered granodiorite hosting disseminated pyrite, pyrite veinlets and a quartz gouge vein.
										GY			5I								
										WH											
142.43	151.09	8.66				mKgW	GRD	MG		WH				ARG	3-4I	2.00					Strong to intensely silicified granodiorite. Silicification obscures rock textures. There are patches of pink silicified aplite dyke with whit clay phenocrysts. Hosts disseminated pyrite, pyrite veinlets and multiple massive sulphide vein. Granodiorite is fine grained between clay phenocrysts.
										GY			4-5I								
										PK											
151.90	163.68	11.78				LKqP	FEL			GN											Green/tan quartz feldspar porphyry dyke hosting multiple gouge zones and an abundance of white carbonate veins, veinlets and stringers.
										TN											
			154.05	154.98	0.93	mKgW	GRD	MG		GN				PHC	3I	4.00					Grey green partially gouge altered moderately silicified and moderately phyllic altered granodiorite hosting disseminated to blebby pyrite.
										GY			3I								
163.68	164.36	0.68				mKgW	GRD	MG		GN				PHC	3I						Partially gouge altered moderately phyllic altered granodiorite.

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
164.36	180.28	15.92				mKgW	GRD	MG		GN				PHC	3I						Moderate to intensely silicified and moderately phyllic altered granodiorite with a few patches that have been partially altered to gouge. Intensely silicified patches obscures rock textures.
										GY			3-5I								
			172.41	172.82	0.41	mKgW	GRD	MG		WH				ARG	3I	<1		To	6.00		Strongly silicified, moderately phyllic altered granodiorite with a moderate phyllic overprint hosting disseminated pyrite and tourmaline.
									LT	GN				PHC	3I						
										GY			4I								
180.28	181.36	1.08				LKqP	FEL		MD	GY											Medium grey quartz feldspar porphyry dyke.
181.36	182.19	0.83				mKgW	GRD	MG	DK	GN				PRO	3I						Intensely silicified and moderately propyllitic altered granodiorite.
										GY			5I								
182.19	183.13	0.94				mKgW	GRD	MG	DK	GN				PRO	3I						Moderately propyllitic altered granodiorite with patches of moderately argillic altered granodiorite.
										WH	PA			ARG	3I						
183.13	183.18	0.05					VEN			BK											Minorly gouge altered black breccia.
183.18	192.01	8.83				LKqP	FEL		LT	GY	PO			OXI	2I						grey quartz feldspar porphyry dyke with patchy orange alteration cross cut by black oxidized netted stringers. Gouge on fraactures.
										OR											
192.01	193.50	1.49				mKgW	GRD	MG	LT	GY				PHI	4I	2.00					Phyllic altered granodiorite. Strongest alteration at upper contact, with quartz eyes and disseminated pyrite stringers.
									DK	GY			3I								
193.5	194.57	1.07				LKqP	FEL		MD	GY	PO	2I									Grey quartz feldspar porphyry dyke with patches of orange alteration (oxidation?).
										OR											
194.57	196.98	2.41				mKgW	GRD	MG	LT	GY				PHI	4I	10					Moderate to intermediate phillic altered granodiorite enveloping massive pyrite, moderate quartz vein and quartz breccia. Silicified.
									LT	GN			3I								
196.98	200.92	3.94				LKqP	FEL		DK	RD	PO										Grey-green-tan quartz feldspar porphyry dyke with patches of red/brown. Irregular calcite stringers throughout.
200.92	204.58	3.66				mKgW	GRD	MG	LT	GN	PA			ARG	3I	2					Moderate to strong argillic altered granodiorite with partchy phillic overprinting, strongest at upper contact and around pyrite/quartz veins.
										WH	PO			PHI	2I						
204.58	217.4	12.82				mKgW	GRD	MG	DK	GN			3I	PRO	4I	1					Strongly propylitic and silicified granodiorite with patches of argillic alteration around veins and weak phillic.
									LT	GY	PA			ARG	2I						
														PHI	1I						
217.4	226.61	9.21				mKgW	GRD	MG	MD	GY	MA		2I	PRO	2I						unaltered to weakly propylitic granodiorite. Occasional carbonate stringers at low angel in refrence to the core access.
226.61	230.1	3.49				LKqP	FEL		DK	PU	PO										Purple brown quartz feldspar porphyry dyke with carbonate stringers.
									DK	GN											
230.10	241.90	11.80				mKgW	GRD	MG	DK	GN	PA		2I	PRO	3I	<1					Weak to moderate propylitic granodiorite grading to argillic and weakly phillic around mineralized veins and calcedonic quartz veinlets. Phyllic at upper contact. Patchy argillic.
									MD	GY				ARG	2I						
														PHI	1I						
			235.75	237.48	1.73	mKgW	GRD	MG	DK	GN	EN		3I	PRO	3I	2					Propylitic altered granodiorite grading to phyllic. Moderate to strongly silicified envelope around pyrite veins and veinlets.
									DK	GN				PHI	3I						
241.90	244.30	2.40				mKgW	GRD	MG	LT	GN	EN		2I	ARG	3I	1					Argillic to phyllic alteration enveloping around pyrite bearing quartz veins. Lightly silicified.
														PHI	3I						

KLAZA PROPERTY

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
244.30	249.88	5.58				mKgW	GRD	MG	DK	GN			4I	PRO	4I	2					Strongly silicified propylitic granodiorite. Patchy clay altered rubble. Sheeted aplite dykes. Grades to phyllic around massive pyrite bearing quartz veins.
														PHI	2I						
														ARG	1I						
			248.98	249.88	0.90	mKgW	GRD	MG	DK	GY	EN		5I	PHI	3I	15					Intensely silicified phyllic envelope around massive pyrite bearing quartz vein. Silicification obscures most alteration textures.
249.88	258.51	8.63				LKqP	FEL			GN	PO					<1					Green quartz feldspar porphyry dyke. Light grey clay alteration of phenocrysts. Chlorite phenocrysts, 1%, and quartz eyes. Trace disseminated pyrite near contact with granodiorite.
258.51	275.75	17.24				mKgW	GRD	MG	LT	GN			3I	ARG	1I	1					Strong to intensely phyllic granodiorite. Patchy light argillic alteration. Strongly silicified around pyrite hosting quartz veins and veinlets. Pyrite stringers, gougy veins.
									DK	GY				PHI	4I						
275.75	277.14	1.39				LKqP	FEL		LT	GN	PO										Green quartz feldspar porphyry dyke. Mottled from dark green with light green phenocrysts at contact with granodiorite to light green with green phenocrysts at center.
									DK	GN	MO										
277.14	292.29	15.15				mKgW	GRD	MG	DK	GY	PA		4I	PHI	4I	1					Strong to intensely phillic altered granodiorite, strongly silicified. Silicification obscures textures. Patchy zones of weak phillic overprinting argillic. Weakly mineralized quartz veins and gouge zones.
									LT	GN				ARG	2I						
														PRO	2I						
			287.15	289.20	2.05	mKgW	GRD	MG	DK	GN			4I	PRO	4I	1					Strongly propylitic granodiorite, overprinted by silicified phyllic alteration around pyrite bearing quartz veins.
														PHI	1I						
292.29	293.12	0.83					SIL		LT	GN											Silicious dyke, grey?green with fine quartz phenocrysts. Netted gougy fractures.
293.12	306.93	13.81				mKgW	GRD	MG	LT	GN	RB		2I	PHI	4I	2					Phyllic altered granodiorite, strong to intensely altered. Rubbly, pervasively weakened and with extensive gouge zones. Often containing phyllic altered granodiorite clasts and blebby pyrite where not gougy, interval is strongly silicified and quartz fractures around well mineralized quartz veins. grades to strongly argillic clay alteration.
														ARG	3I						
306.93	328.27	21.34				mKgW	GRD	MG	DK	GN	RB		2I	PRO	4I	1					Strongly to moderately propylitic granodiorite with patchy strong argillic alteration to rubbly. Light to moderate silicified, patchy envelope around weakly mineralized veins and calcite stringers.
														ARG	3I						
														PHI	2I						
																					EOH 328.27 m

KLAZA PROPERTY

Hole: **Logger Name:**

Depth (m)	
7.55	Quartz-feldspar-porphryry dyke hangingwall, granodiorite footwall. Highly oxidized and limonite stained. Abrupt with approximately 1.5cm of limonite stained and crumbly fault material. Contact at approximately 65 degrees to core axis.
51.15	Granodiorite hangingwall, quartz-feldspar-porphry dyke footwall. Abrupt contact at 60 degrees to core axis, with 3.2cm of limonite stained fault gouge. Granodiorite is intensely phyllic altered at contact. Disseminated pyrite in hangingwall.
53.87	Quartz-feldspar-porphryry dyke hangingwall, granodiorite footwall. Abrupt contact at 58 degrees to core axis. Granodiorite is weak and crumbly (developing fault gouge?), phyllic and argillic altered. Dyke is competent.
72.71	Granodiorite hangingwall, white-siliceous-dyke footwall. Abrupt contact with brecciation at contact (see secondary structures log). Contact/breccia at 70 degrees to core axis, with approximately 2cm of clay altered fault gouge. Light grey stringers within dyke (faint) and faint limonite staining of phenocrysts. Phyllic altered selvedge and mienralization within hangingwall.
82.39	White siliceous-dyke-hanginwall, granodiorite footwall. Abrupt contact at approximately 40 degrees to core axis. Brecciation at contact (see secondary structures log). Hematite staining within siliceous dyke and bands of limonite staining (in similar orientations, see secondary structures log).
151.90	Contact between grey goethite vein and quartz feldspar porphyry dyke, 50 degrees to core axis
154.05	Contact between moderate siliceous phyllic altered granodiorite and quartz feldspar porphyry dyke, oriented at 70 degrees to core axis
163.68	Contact between partially altered quartz feldspar porphyry dyke and moderate phyllic altered granodiorite with minor goethite staining
180.28	Sharp contact between moderate silicious phyllic altered granodiorite and medium grey quartz feldspar porphyry dyke
181.36	Sharp contact between moderate silicious propylitic altered granodiorite and
183.18	Contact between black sulphide vein and grey quartz feldspar porphyry dyke, attitude not observed
192.01	Sharp contact between gougy quartz feldspar porphyry dyke and phyllic

KLAZA PROPERTY

Depth (m)	
193.50	Undulatory contact between phyllic altered granodiorite and grey quartz feldspar porphyry dyke, 75 degrees to core axis
194.57	Sharp 70 degrees to core axis contact between grey/orange quartz feldspar
196.98	Sharp 70 degrees to core axis contact between phyllic altered granodiorite and light grey quartz feldspar porphyry dyke
200.92	Sharp 60 degree to core axis between grey/brown quartz feldspar porphyry dyke and strong phyllic altered granodiorite
226.61	Sharp 70 to core axis contact between propylitic altered granodiorite and quartz feldspar porphyry dyke, grey gouge at contact
230.10	45 degrees to core axis between quartz feldspar porphyry dyke and phyllic altered granodiorite, light grey gouge present
249.88	75 degrees contact between black gouge vein in granodiorite and grey quartz feldspar porphyry dyke
258.51	Irregular, silcious contact between gren quartz feldspar porphyry dyke and pyrite bearing quartz vein
275.75	Contact between phyllic altered granodiorite and green quartz feldspar porphyry dyke. Fractional, green/grey goug for 7 cm, obscuring exact contact
277.14	Contact between silicous breccia and green quartz feldspar porphyry dyke. Fractional, green/grey goug for 5 cm, obscuring exact contact. 75 degrees to core axis
292.29	Contact between silicous dyke and gougy black quartz vein. Rubbly, gougy
293.12	Contact between silicious, phyllic altered granodiorite hosting Py and green siliceous porphyry dyke. Alterate obscured by rubbly, gougy dyke.
	EOH

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Logger Name:** N. Marsh, D. Walsh. G. W **Date:** September 1 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	8.41	8.47		35.00		1.00			White carbonate veinlet. 6mm in width.	
VN	18.54	18.64		30.00		1.00	Py	30.00	Milky quartz vein/band of pervasive blebby pyrite. 1.5cm in width, orientated at 30 degrees tca.	
VN	21.65	21.71		50.00		1.00			White and beige carbonate veins. 1cm in width.	
FT	22.22	22.30		40.00		1.00			1.7cm of limonite stained clay altered fault gouge.	
VN	22.48	22.57	0.09	40.00		1.00	Py	4.00	1cm quartz vein hosting blebby pyrite and sphalerite.	
							Sp	3.00		
VT	27.95	28.05	0.10	32.00		1.00			Milky quartz veinlet. 7mm in width, orientated at 32 degrees tca.	
VN	28.71	28.76	0.05	55.00		1.00	Py	5	Carbonate vein hosting blebby pyrite. 1.2cm in width, orientated at 55 degrees tca.	
VT	36.50	36.61	0.11	35.00		1.00	Py	3.00	Carbonate and vitreous quartz veinlet hosting blebby and disseminated pyrite. Narrow, intense phyllic alteration halo (also hosting disseminated pyrite).. 3mm in width.	
VN	36.92	37.07	0.15	35.00		1.00	Py	15.00	Quartz and quartz-carbonate vein hosting blebby pyrite. 3.1cm in width.	
VT	37.97	38.02	0.05	60.00		1.00	Py	<1	Blue-white quartz-carbonate stringer hosting disseminated pyrite.	
VN	40.29	40.39	0.10	60.00		1.00	Py	2.00	4.5cm vitreous quartz vein (1cm of vein is dark-grey).	
VT	42.16	42.57	0.41	60.00		3.00			Vitreous quartz veins with disseminated pyrite. 1mm, 7mm and 8mm in width.	
VT	45.89	46.32	0.43	60.00		3.00			3 small veinlets of quartz and carbonate with minor disseminated pyrite.	
VN	49.89	49.94	0.05	35.00		1.00			Carbonate vein with splays of stringers. ~1.4cm in width.	
VN	50.11	50.15	0.04	60.00		1.00	Py	1.00	Dark-grey-blue vein (aphanite sulphides and quartz) hosting minor disseminated pyrite. 1.5cm in width.	
VN	51.11	51.31	0.20	45.00		1.00	Py	2.00	Milky quartz vein at 45 degrees tca with ~3% tourmaline and minor disseminated pyrite. 1.9cm in width.	
VN	53.82	53.87	0.05	60.00		1.00			Quartz veining at contact with dyke (altered, difficult to see). 2.9cm in width, orientated at 60 degrees tca.	
GO	53.87	54.18	0.31	60.00		1.00			2.6cm of clay altered fault gouge.	
VN	54.20	54.24	0.04	85.00		1.00			Chalcedony, quartz and carbonate vein. Vuggy texture. Light grey colour. 3.2cm in width.	
VN	56.43	56.48	0.05	30.00		1.00			Clay altered fault gouge. 2.5cm in width, orientated at 30 degrees tca.	
VN	56.81	56.85	0.04	65.00		1.00			Vuggy quartz-carbonate vein.	
GO	58.45	58.65	0.20	85.00		1.00			Fragmented, altered granodiorite. Fault zone. At least 2.4cm of fault gouge.	
BX	58.65	58.84	0.19	55.00		1.00			13cm of breccia with dark-grey siliceous matrix. Clasts of quartz-carbonate hosting disseminated pyrite. Clasts from <1mm to 1.5cm in width. Sub angular to angular clasts. Breccia followed by 7cm of quartz vein with limonite stained cracks (vein hosting disseminated pyrite).	
				70.00						
FT	58.84	58.97	0.13	70.00		1.00			Highly clay altered fault gouge. 11cm in width. White and orange limonite stained gouge, with 1cm of dark-grey sulphide gouge at lower end of interval.	
VT	60.00	60.36	0.36	60.00		3.00	Py	2.00	Vitreous quartz (+white quartz-carbonate) veinlets and stringer hosting disseminated and blebby pyrite. Veinlets orientated at 45, 60 and 60 degrees tca.	
VT	61.78	65.71	3.93			14.00	Py	1.00	~14 vitreous quartz and white carbonate veinlets hosting disseminated to blebby pyrite. 1mm to 4mm in width. Orientated at 40 to 85 degrees tca.	
ST	61.88	65.96	4.08			22.00	Py	1.00	Vitreous quartz (+white quartz-carbonate) stringers hosting disseminated and blebby pyrite. Veinlets orientated at 45, 60 and 60 degrees tca.	
VN	65.19	65.24	0.05	60.00		1.00	Py	1.00	Quartz-carbonate and vitreous quartz vein hosting disseminated pyrite. 2.7cm in width.	
VN	66.29	66.42	0.13	55.00		2.00	Py	10.00	Vitreous quartz veins (1.0 and 1.1cm in width) with thin bands of white quartz-carbonate. Veins hosting disseminated pyrite and orientated at 50 and 60 degrees tca. Narrow, intense phyllic alteration envelope surrounding veins.	
VN	67.15	67.36	0.21	23.00		1.00	Py	1.00	Vitreous white and grey quartz vein hosting minor disseminated pyrite. 2.5cm in width.	
ST	66.96	68.44	1.48	55.00		9.00	Py	2.00	Quartz and quartz-carbonate stringers hosting disseminated pyrite. Orientated at 50 to 60 degrees tca.	
VN	69.36	69.40	0.04			1.00	Py	5.00	1.1cm vitreous quartz (+stringy carbonate) vein hosting blebby pyrite and sphalerite. Intense, narrow, blue phyllic alteration halo hosting abundant disseminated pyrite (halo included in interval).	
							Sp	2.00		
VT	69.65	69.68	0.03	62.00		1.00	Py	15.00	Vitreous quartz vein hosting abundant blebby pyrite. Intense, narrow, blue phyllic alteration halo hosting abundant disseminated pyrite.	
VN	69.95	70.02	0.07	46.00		1.00	Py	2.00	Crustiform, vitreous quartz + white quartz-carbonate vein hosting disseminated to blebby pyrite and sphalerite. Intense phyllic alteration halo/ silicification hosting abundant disseminated pyrite. Vein is 2.2cm in width.	
VN	70.47	70.52	0.05	82.00		2.00	Py	5.00	Vitreous quartz and white quartz veins hosting blebby pyrite with intense, narrow, blue phyllic alteration halo hosting abundant disseminated pyrite. Orientated at 85 and 80 degrees tca. 2.9cm in width.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	71.11	72.59	1.48	55.00		3.00	Py	1.00	Quartz stringers with intense, narrow, blue phyllic alteration halos hosting disseminated pyrite.	
BX	72.70	72.88	0.18	56.00		1.00	Py	<1	Breccia with white and green soft matrix (feldspar and smectite?) with minor carbonate. Green, altered granodiorite clasts with peachy/white silicic dyke clasts. Sub angular clasts. Clasts approximately 1mm to 1.5cm in size. Granodiorite clasts hos blebby sphalerite and pyrite and galena within vitreous quartz. Blue silicification and phyllic alteration selvedge into (upper) granodiorite. Upper contact orientated at 50 degrees tca, lower contact at 62 degrees. 13.6cm true width.	
							Gn	1.00		
							Sp	1.00		
GO	72.88	72.89	0.01	56.00		1.00			1.2cm of white clay altered fault gouge at contact.	
?	82.78	83.16	0.38	40.00		1.00			Bands of limonite staining and faint grey stringers orientated at 40 degrees tca. Approximately 5 bands of limonite staining and 17 stringers.	
BX	82.35	82.42	0.07			1.00			Brecciation at contact with granodiorite. Contact at 55 degrees. Soft, white and green feldspars (+smectite?) matrix which has been partly altered to gouge. 2mm to 2cm clasts of green altered granodiorite. Sub-angular clasts.	
FT	82.42	82.43	0.01	62.00		1.00			<1cm of white/green altered fault gouge at 62 degrees tca.	
FT	82.77	82.89	0.12	65.00		1.00	Py	<1	Developing fault zone or breccia-fault-gouge. White clay altered gouge hosting pieces of altered granodiorite. Granodiorite hosts disseminated pyrite. Zone is 8cm in width.	
BX	86.24	86.35	0.11	80.00		1.00	Py	3.00	Grey breccia with a few phyllic altered granodiorite clasts and tan quartz feldspar porphyry dyke clasts. Dark grey matrix is partially gouge altered and hosts disseminated pyrite.	
GO	86.35	86.53	0.18	80.00		1.00	Py	1.00	Grey gouge altered phyllic altered granodiorite.	
VN	87.54	87.55	0.01	75.00		1.00	Py	1.00	White/tan carbonate vein hosting disseminated pyrite and disseminated sphalerite.	
							Sp	25.00		
VN	88.07	88.09	0.02	60.00		1.00	Py	1.00	White carbonate vein minorly brecciating phyllic altered granodiorite hosting disseminated pyrite and blebby sphalerite.	
							Sp	7.00		
VT	88.11	88.12	0.01	60.00		1.00	Py	95.00	0.2cm pyrite/sphalerite veinlet.	
							Sp	5.00		
VN	90.00	90.01	0.01	55.00		1.00	Py	2.00	Sphalerite vein hosting disseminated pyrite.	
							Sp	98.00		
GO	90.15	90.16	0.01	60.00		1.00			Grey gouge vein.	
VN	91.17	91.18	0.01	35.00		1.00	Py	15.00	Grey quartz vein hosting disseminated to blebby pyrite and sphalerite.	
							Sp	15.00		
GO	92.16	92.20	0.04	40.00		1.00			Grey gouge vein.	
GO	93.81	94.00	0.19	55.00		1.00			Grey gouge zone hosting 0.1cm-2cm tan quartz feldspar porphyry clasts.	
GO	94.83	95.18	0.35	50.00		1.00	Py	1.00	Grey gouge zone hosting 0.1cm-2cm tan quartz feldspar porphyry clasts and a single 3cm dark grey quartz clasts hosting blebby sphalerite and disseminated pyrite and galena.	
							Sp	2.00		
							Gn	<1		
VN	98.59	98.64	0.05	70.00		1.00	Py	1.00	Light tan carbonate vein hosting disseminated pyrite.	
VN	99.96	100.19	0.23	35.00		3.00	Py	15.00	Three light tan/light green carbonate veins hosting disseminated to blebby pyrite.	
VT	104.77	104.78	0.01	30.00		1.00	Py	5.00	0.8cm white carbonate veinlet hosting disseminated pyrite.	
VN	105.34	105.36	0.02	40.00		1.00	Py	60.00	Tan carbonate vein hosting disseminated to blebby pyrite.	
VN	105.43	105.44	0.01	40.00		1.00	Py	10.00	Smokey quartz vein hosting disseminated to blebby pyrite and sphalerite. Veinlet is cross-cut by white carbonate veinlets.	
							Sp	15.00		
VT	110.88	110.89	0.01	65.00		1.00	Py	5.00	White carbonate and grey quartz veinlet hosting disseminated pyrite.	
GO	112.59	112.62	0.03	30.00		1.00			Grey gouge vein with phyllic altered granodiorite clasts.	
VT	114.04	114.52	0.48	20.00		5.00	Py	#####	Five 0.1cm pyrite veinlets.	
GO	114.44	114.59	0.15	50.00		1.00	Py	10.00	Grey gouge vein hosting disseminated to blebby pyrite.	
GO	114.65	115.15	0.50			1.00	Py	10.00	Partially gouge altered, phyllic altered granodiorite hosting disseminated pyrite and 0.1-0.2cm pyrite veinlets.	
GO	122.69	123.00	0.31	10.00		1.00	Py	1.00	Long low angle gouge vein with phyllic altered granodiorite clasts hosting disseminated pyrite and tourmaline.	
							To	1.00		
GO	123.09	123.40	0.31	10.00		1.00	Py	1.00	Long low angle gouge vein with phyllic altered granodiorite clasts hosting disseminated pyrite and tourmaline.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							To	1.00		
VN	123.77	123.78	0.01	40.00		1.00	Py	25.00	Smokey quartz and tan carbonate vein hosting disseminated pyrite.	
GO	124.03	124.33	0.30	15.00		1.00	Py	1.00	Smokey quartz and tan carbonate vein hosting disseminated pyrite.	
							To	1.00		
VN	124.52	124.55	0.03	30.00		1.00	Py	15.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite.	
							Sp	3.00		
VT	126.87	127.31	0.44	55.00		3.00	Py	#####	Three 0.1cm pyrite veinlets.	
VN	129.04	129.06	0.02	30.00		1.00	Py	7.00	Grey quartz and tan carbonate vein hosting disseminated to blebby pyrite.	
VT	130.74	130.75	0.01	35.00		1.00	Py	40.00	0.4cm white carbonate veinlet hosting disseminated to blebby pyrite.	
BX	131.01	131.03	0.02	60.00		1.00	Py	7.00	White carbonate vein brecciated by grey quartz veining and hosts disseminated to blebby pyrite.	
VN	131.55	131.56	0.01	40.00		1.00	Py	15.00	Smokey quartz vein hosting disseminated to blebby pyrite.	
VT	133.57	133.58	0.01	40.00		1.00	Py	7.00	0.4cm milky white quartz veinlet hosting disseminated to blebby pyrite, sphalerite and galena.	
							Sp	30.00		
							Gn	3.00		
VN	133.84	133.85	0.01	45.00		1.00	Py	3.00	Intermixed white carbonate and grey quartz vein hosting disseminated pyrite.	
VT	134.22	134.65	0.43	30.00		4.00	Py	#####	Four 0.1cm pyrite veinlets.	
VT	134.49	134.50	0.01	45.00		1.00	Py	10.00	0.1-0.4cm galena, pyrite and sphalerite veinlet.	
							Gn	80.00		
							Sp	10.00		
VN	136.51	136.53	0.02	40.00		1.00	Py	5.00	Grey quartz and white carbonate vein hosting disseminated to blebby pyrite, galena, sphalerite and disseminated arsenopyrite.	
							As	1.00		
							Gn	7.00		
							Sp	20.00		
VN	137.10	137.15	0.05	65.00		1.00	Py	5.00	Grey to smokey quartz and white carbonate vein partially altered to black gouge and hosts disseminated to blebby pyrite.	
VT	137.24	137.36	0.12	50.00		2.00	Py	#####	Two discontinuous 0.7cm pyrite veinlets.	
VT	142.45	142.56	0.11	60.00		2.00	Py	60.00	Two 0.2cm-0.6cm grey quartz veinlets hosting disseminated to blebby pyrite and arsenopyrite.	
							As	10.00		
VT	142.60	142.61	0.01	20.00		1.00	Py	<1	0.2cm-0.3cm grey quartz veinlet hosting blebby sphalerite and disseminated arsenopyrite and pyrite.	
							As	1.00		
							Sp	30.00		
VN	143.19	143.23	0.04	60.00		1.00	Py	1.00	Smokey quartz vein hosting disseminated pyrite.	
VT	145.15	145.25	0.10	30.00		1.00	Py	#####	0.2cm-0.5cm pyrite veinlet.	
VT	145.34	145.35	0.01	70.00		1.00	Py	20.00	0.4cm-0.9cm discontinuous sulphide veinlet hosting disseminated to blebby pyrite, arsenopyrite and sphalerite.	
							As	20.00		
							Sp	40.00		
GO	145.49	145.54	0.05	70.00		1.00	Py	15.00	Gouge vein hosting disseminated to blebby pyrite.	
GO	146.18	146.21	0.03	40.00		1.00	Py	5.00	Grey gouge vein hosting disseminated to blebby pyrite.	
BN	146.53	146.55	0.02	50.00		1.00	Py	15.00	Band of disseminated to blebby pyrite and disseminated arsenopyrite.	
							As	5.00		
VN	146.71	146.74	0.03	20.00		1.00	Py	44.00	Sulphide vein hosting disseminated to semi-massive pyrite, sphalerite and disseminated to blebby arsenopyrite and disseminated galena.	
							As	5.00		
							Sp	50.00		
							Gn	1.00		
ST	147.00	147.22	0.22	30.00		4.00	Py	#####	Four pyrite stringers.	
BX	147.27	147.28	0.01	60.00		1.00	Py	5.00	Smokey quartz breccia veinlet (0.8cm) hosting disseminated to blebby pyrite.	
VN	147.98	148.00	0.02	60.00		1.00	Py	#####	Massive pyrite vein.	
VT	148.03	148.32	0.29	60.00		8.00	Py	#####	Eight 0.1cm pyrite veinlets.	
VN	148.35	148.62	0.27	30.00		1.00	Py	95.00	Massive pyrite vein with disseminated to blebby sericite.	
							Se	5.00		

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	148.62	148.64	0.02	60.00		1.00	Py	3.00	Sulphide vein hosting disseminated to semi-massive arsenopyrite along with disseminated pyrite and sphalerite.	
							As	92.00		
							Sp	5.00		
VN	148.67	148.74	0.07	60.00		1.00	Py	15.00	Partially gouge altered quartz vein hosting disseminated to blebby pyrite, sphalerite and disseminated arsenopyrite.	
							As	5.00		
							Sp	2.00		
VT	148.79	149.71	0.92	70.00		9.00	Py	#####	Nine 0.1cm pyrite veinlets.	
VN	149.87	149.89	0.02	65.00		1.00	Py	15.00	Partially gouge altered quartz vein hosting disseminated to blebby pyrite, galena and arsenopyrite.	
							As	5.00		
							Gn	7.00		
VN	150.12	150.14	0.02	45.00		1.00	Py	10.00	Discontious grey quartz vein hosting disseminated to blebby pyrite, galena and sphalerite.	
							Gn	10.00		
							Sp	20.00		
VN	150.92	151.10	0.18	50.00		1.00	Py	5.00	Smokey quartz vein hosting disseminated to blebby pyrite, sphalerite and disseminated galena and arsenopyrite.	
							As	<1		
							Gn	1.00		
							Sp	5.00		
GO	151.10	151.14	0.04	50.00		1.00			Grey gouge vein with clasts of moderate phyllic altered granodiorite.	
GO	163.54	163.68	0.14			1.00			Gouge altered tan quartz feldspar porphyry dyke.	
GO	169.53	169.94	0.41	10.00		1.00	Py	5.00	Long low angle gouge vein hosting disseminated to blebby pyrite and disseminated galena.	
							Gn	1.00		
GO	169.94	170.52	0.58	10.00		1.00	Py	5.00	Long low angle gouge veinlet hosting disseminated to blebby pyrite and galena (0.4cm).	
							Gn	1.00		
VN	176.29	176.31	0.02	30.00		1.00	Py	<1	Milky white quartz vein exhibiting comb texture and hosting disseminated pyrite and disseminated to blebby tourmaline. Vein cross-cuts a medium grey unmineralized quartz vein.	
							To	2.00		
BX	177.03	177.24	0.21	50.00		1.00	Py	4.00	Silicified black breccia hosting disseminated pyrite and silicified phyllic altered granodiorite clasts along with pink clay clasts.	
GO	177.77	177.86	0.09	30.00		1.00	Py	1.00	Grey gouge vein hosting disseminated pyrite.	
BN	178.65	178.67	0.02	30.00		1.00	Py	1.00	Band of disseminated pyrite and disseminated to blebby tourmaline.	
							To	1.00		
VT	179.00	179.22	0.22			2.00	Py	50.00	Two grey quartz veins hosting disseminated pyrite and tourmaline. One vein oriented at 6° TCA is cross-cut and offset by 3cm by the second quartz vein which is oriented at 20° TCA.	
							To	1.00		
GO	179.86	179.89	0.03	25.00		1.00	Py	3.00	Grey gouge vein hosting trace amounts of disseminated pyrite.	
VN	183.13	183.18	0.05	70.00		1.00			Minorly gouge altered black sulphide vein.	
BX	184.48	185.20				1.00	Py	15.00	Black breccia, disseminated pyrite, clasts of quartz and phyllic altered granodiorite.	
VT	192.00	192.02	0.02	60.00		1.00	Py	10.00	Milky quartz veinlets with smoky rims hosting blebby pyrite.	
VT	192.19	192.20	0.01	70.00		1.00	Py	70.00	Smoky quartz vein hosting blebby pyrite.	
VT	192.71	194.05	1.34	60-70		6.00	Py	5.00	Milky to smoky irregularily banded quartz veinlets hosting disseminated pyrite.	
ST	195.52	198.08	2.56			6.00	Py	70.00	Smoky, irregular discontinuous pyrite-bearing seamlets.	
VN	195.58	195.85	0.27	60.00		1.00	Py	50.00	Mikly quartz vein hosting massive pyrite. Black pyrite bearing stringers in selvege.	
BX	195.90	196.10	0.20	70.00		1.00	Py	30.00	Silicified breccia, phyllic altered granodiorite clasts hosting disseminated blebby pyrite and euhedral pyrite.	
VT	196.45	196.49	0.04	40.00		1.00	Py	20.00	Smoky quartz-carbonate veinlet.	
VT	200.19	200.21	0.02	50.00		1.00			Braided white quartz-carbonate veinlet.	
VN	200.90	201.07	0.17	55.00		2.00	Py	15.00	Quartz-flooded zone encompassed by 2 smoky irregular quartz veins hosting blebby to semi-massive pyrite.	
GO	201.07	201.60	0.53			1.00	Py	10.00	White/grey gouge zone hosting disseminated pyrite and containing clasts of phyllic altered granodiorite.	
VT	202.75	202.77	0.02	50.00		1.00			Crustiform smoky to white quartz-carbonate veinlet.	
VN	203.76	203.80	0.04	60.00		1.00	Py	5.00	Smoky 2cm quartz vein hosting disseminated pyrite.	
VN	204.09	204.17	0.08	30.00		1.00			Carbonate vein with grey gouge	
VT	204.46	204.48	0.02	70.00		1.00			Grey chalcedony veinlet crosscut by irregular carbonate stringers.	
VT	204.54	226.61	22.07	30.00		5/m			Milky irregular quartz-carbonate veinlets and stringers at 5/m. Unmineralized. 20-40 degrees TCA.	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	205.47	205.51	0.04	40.00		1.00	Py	5.00	Irregular mikly carbonate veinlet hosting disseminated pyrite.	
VT	206.78	206.90	0.12	70.00		1.00	Py	40.00	2 Milky quartz veinlets hosting disseminated pyrite, strongly phyllic altered selveges.	
VT	207.08	207.09	0.01	45.00		1.00	Py	5.00	Milky quartz carbonate veinlet hosting disseminated pyrite and sphalerite blebs.	
							Sp	15.00		
VN	208.03	208.10	0.07	70.00		1.00	Py	5.00	6cm grey chalcedonic vein with milky quartz rims hosting blebby to disseminated pyrite.	
VT	208.25	208.29	0.04	60.00		1.00	Py	2.00	Smoky quartz veinlet hosting disseminated pyrite with pyrite discontinuous	
ST	209.06	209.46	0.40	30.00		3.00	Py	10.00	Hematite stained carbonate stringers hosting blebby pyrite.	
VT	212.09	212.37	0.28	65.00		4.00			Hematite stained carbonate veinlets.	
VN	214.92	214.97	0.05	60.00		1.00	Py	5.00	Smoky quartz-carbonate vein, 2cm thick, milky at rims. Disseminated pyrite.	
VN	216.45	216.80	0.35	60.00		3.00	Py	20.00	Milky quartz veins 1cm thick hosting blebby to semi-massive pyrite.	
VT	216.98	217.01	0.03	65.00		3.00	Py	90.00	Discontinous pyrite stringers.	
VT	219.59	219.61	0.02	60.00		1.00	Py	40.00	Discontinuous epidote veinlet hosting massive pyrite.	
							Ep	60.00		
VT	223.15	223.17	0.02	55.00		1.00	Py	5.00	Black to milky carbonate veinlet hosting disseminated pyrite. Epidote in selvege.	
VN	232.43	232.50	0.07	50.00		1.00			Banded milky calcite and grey quartz vein.	
VT	232.64	232.68	0.04	50.00		1.00	Py	2.00	Grey quartz veinlet hosting disseminated pyrite.	
VT	236.12	236.30	0.18	15.00		1.00			Grey quartz veinlet.	
VT	236.68		-236.68	50.00		3.00			Milky to grey carbonate-quartz veinlets.	
VN	237.10	237.19	0.09	55.00		1.00	Py	5.00	Milky quartz-carbonate vein, banded. 3cm massive white quartz hosting pyrite blebs. 2-5cm crustiform milky to clear with irregular calcite bands.	
VT	238.87	239.14	0.27	60.00		1.00	Py	5.00	Milky quartz-carbonate veinlets hosting disseminated pyrite.	
DY	241.32	241.72	0.40	50.00		2.00			2 grey APL (?) dykes	
VN	243.29	243.88	0.59	20.00		2.00	Py	1.00	Milky to smoky crustiform irregular zone of quartz veining. Disseminated pyrite blebs and trace arseno. Fine chalcedony bands.	
							As	<1		
DY	245.45	249.32	3.87	25.00		4.00			Pink APL dykes	
VN	249.31	249.65	0.34	55.00		1.00	Py	60.00	Milky to smoky quartz vein hosting massive pyrite and associated semi-massive arsenopyrite. Black gouge at vein edges.	
							As	15.00		
VN	249.75	249.84	0.09	70.00		1.00	Py	5.00	Smoky, gougey quartz vein hosting disseminated pyrite.	
VN	258.52	258.65	0.13	75.00		1.00	Py	70.00	Clear quartz vein hosting massive pyrite. Irregular at edges. Associated pyrite stringers. 2 clasts of silicified phyllic granodiorite.	
ST	259.01	259.50	0.49			8.00	Py	90.00	Irregular disscontinuous pyrite-quartz stringers at varying orientations, predominantely high angle to core axis.	
VT	262.90	262.99	0.09			2.00	Py	30.00	2 Irregular quartz veinlets hosting blebby pyrite.	
VN	263.18	263.29	0.11	60.00		2.00	Py	5.00	Smoky quartz veins hosting disseminated pyrite.	
ST	263.62	265.63	2.01	60.00		11.00	Py	10.00	Irregular discontinuous pyrite quartz veinlets and seamletts.	
VN	265.22	265.27	0.05	85.00		1.00	Py	5.00	Grey quartz vein / silicified granodiorite. Disseminated trace pyrite.	
VT	265.58	266.55	0.97	40.00		3.00			Lightly hematite stained milky quartz veinlets.	
GO	266.99	267.02	0.03			1.00			Light grey gouge vein.	
VN	268.39	268.48	0.09			1.00	Py	10.00	Smoky silica-flooded zone hosting blebby pyrite.	
VN	270.06	270.13	0.07	80.00		1.00	Py	20.00	Smoky quartz vein hosting disseminated to blebby pyrite	
GO	270.14	270.26	0.12	50.00		2.00	Py	2.00	White gouge veinlets with disseminated pyrite.	
VN	272.20	273.38	1.18	75.00		8.00	Py	15.00	0.5 to 4cm thick sericitic smoky quartz veinlets and veins hosting disseminated pyrite.	
ST	273.45	275.68	2.23	70.00		20.00	Py	40.00	Smoky to milky quartz-pyrite stringers, discontinuous.	
GO	274.33	274.35	0.02	65.00		1.00			Grey gouge vein.	
VN	275.12	275.15	0.03	70.00		1.00	Py	15.00	Smoky quartz vein hosting blebby pyrite. 1cm.	
BX	277.16	277.26	0.10	70.00		1.00	Py	30.00	Black silicified dyke with grey dyke clasts. Vuggy and hosting blebby to semi-massive pyrite and semi-massive jamesonite. Between gougey grey dyke and strongly silicified and phyllic altered granodiorite hosting blebby to disseminated pyrite and stringers.	
							Jm	15.00		
GO	278.38	278.47	0.09			1.00	Py	15.00	10cm gouge zone hosting disseminated pyrite and pyllic altered clasts	
GO	278.57	278.61	0.04	50.00		1.00	Py	10.00	1-5cm grey gouge vein. Disseminated pyrite and fine phyllic granodiorite clasts	

KLAZA PROPERTY

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	278.65	279.50	0.85	70.00		4.00	Py	#####	Pyrite stringers, irregular and discontinuous.	
GO	279.66	279.70	0.04			1.00	Py	5.00	Gouge hosting fine disseminated pyrite, clasts of phyllic granodiorite.	
VN	279.70	279.71	0.01	85.00		1.00	Py	90.00	1.5cm massive pyrite vein.	
GO	279.75	280.95	1.20	40.00		1.00			Discontinuous light to medium grey gouge hosting fine disseminated pyrite and phyllic granodiorite clasts	
ST	283.76	284.21	0.45	65.00		6.00	Py	40.00	Quartz-pyrite stringers	
GO	284.48	285.30	0.82			1.00	Py	2.00	Discontinuous grey gouge zones hosting disseminated pyrite with fragmented phyllic granodiorite between gouge.	
VN	285.70	285.78	0.08			1.00	Py	35.00	Fragmented quartz vein hosting semi-massive pyrite. Pyrite stringers in strongly phyllic selvege.	
VT	286.80	286.88	0.08	70.00		2.00	Py	15.00	Pyrite-bearing milky quartz veinlets crosscut by creamy clay altered seamletts	
VT	288.12	289.29	1.17	65.00		5.00	Py	15.00	Grey quartz veinlets hosting blebby pyrite.	
GO	289.44	289.60	0.16			1.00	Py	10.00	Grey gougey phyllic altered granodiorite with disseminated pyrite.	
VN	292.23	292.31	0.08	70.00		1.00	Py	35.00	Smoky to black gouge quartz vein hosting semi-massive pyrite at contact with quartz feldspar porphyry dyke.	
VN	293.19	293.30	0.11	70.00		1.00	Py	15.00	Grey quartz-flood zonbe hosting disseminated to blebby pyrite.	
GO	300.70	301.34	0.64			1.00	Py	2.00	Grey gouge hosting disseminated pyrite.	
GO	301.41	303.65	2.24			1.00	Py	2.00	Weak to intense gouge with clasts of phyllic altered granodiorite hosting disseminated Py blebs. Clasts of Py	
VN	303.65	303.95	0.30			1.00	Py	30.00	Quartz veinlet zone with grey to smoky quartz and massive pyrite	
VT	304.33	304.35	0.02	70		1.00	Py	5.00	Milky quartz veinlet hosing disseminated pyrite along edge	
BX	304.95	305.40	0.45			1.00	Py	1.00	Smoky quartz rubbly hosting phyllic altered granodiorite clasts. Gouge at edges with fine grained disseminated pyrite	
GO	305.80	306.85	1.05			1.00	Py	2.00	Patchy white/grey gouge with disseminated pyrite	
ST	310.00	310.26	0.26	60		4.00	Py	80.00	Disontinuous to sheeted calcite-pyrite stringers	
VT	310.23	310.25	0.02	70		1.00	Py	30.00	Smoky quartz veinlet hosing disseminated pyrite	
VN	312.00	312.05	0.05	40		1.00			Milky calcite vein, 1.5cm	
VN	312.87	312.91	0.04	60		1.00	Py	2.00	1cm milky quartz vein hosting disseminated pyrite	
VT	319.57	319.74	0.17	50		2.00	Py	15.00	Two quartz carbonate milky to grey veinlets hosting disseminated pyrite	
VT	323.42	323.42		60		1.00	Py	10.00	Milky quartz carbonate veinlet hosting disseminated pyrite in selvages	
ST	324.06	324.16	0.10	55		2.00	Py	30.00	Two pyrite bearing stringers with epidote in selvages	
VT	325.40	325.50	0.10	30		1.00	Py	15.00	Milky quartz carb veinlet hosting disseminated pyrite	
VT	327.45	327.47	0.02	60		1.00	pY	5.00	Vuggy, irregular banded milky quartz carbonate veinlet, braided, hosting disseminated pyrite in selvages and associated pyrite stringers in phyllic altered envelope	

EOH 328.27 m

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Date: September 1 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
5.38	1340	1605	715.6	449.7	FEL		OXI	3I			2.700377	2.691237	Limonite stained quartz feldspar porphyry dyke.
18.48	1340	1590	668.8	425.6	GRD		OXI	2I	Py	10	2.6752	2.75	Strongly phyllic altered with heavy limonite staining on fractures and a two 4cm quartz pyrite veins.
							PHC	4I					
53.1	1340	1530	513.8	320.2	FEL		PO				2.704211	2.653926	Brown grey quartz feldspar porphyry dyke.
59.38	1340	1650	700.9	581	GRD		PHC	4I	Py	10	2.260968	5.845705	Intensely phyllic altered granodiorite osting an abundance of dissmeinated pyrite.
72.71	1340	1640	838.8	532.2	BXA						2.796	2.735812	
76.52	1340	1550	587.4	360.3	FEL						2.797143	2.586526	White silicious dyke.
95.81	1630	1780	393.3	244.5	FEL						2.622	2.643145	Tan quartz feldspar porphyry dyke.
111.96	1630	1780	391	241.3	APL						2.606667	2.61189	Possibly pink aplite dyke. Intensely silicified with a 0.1-0.4cm white clay phenocrysts.
121.01	1630	1870	634.7	395.2	GRD		SIL	5I	Py	1	2.644583	2.650104	Moderately phyllic and intensely silicified granodiorite hosting dissmeinated pyrite and tourmaline.
							PHC	3I	To	10			
130.32	1630	1840	564.3	354.9	GRD		SIL	4I			2.687143	2.694842	Strongly silicified and moderately phyllic altered granodiorite.
							PHC	3I					
135.31	1630	1835	533.3	323.4	GRD		ARG	3I			2.601463	2.540734	Moderately argillic altered granodiorite with a moderately potassic overprint and a weak phyllic overprint.
							POT	3I					
							PHC	2I					
148.11	1610	1795	535.6	345.7	GRD		SIL	5I	Py	3	2.895135	2.820432	Intensely silicified granodiorite with patchy pink aplite and white clay phenocrysts. Hosts dissmeinated pyrite.
160.63	1610	1795	508.7	318.6	FEL		SIL	5I			2.74973	2.67596	Green intensely silicified quartz feldspar porphyry dyke.
175.71	1610	1810	556.3	348.3	GRD		PHC	3I			2.7815	2.674519	Moderately phyllic and silicified granodiorite. Hosts a 0.5cm medium grey quartz veinlet.
							SIL	5I					
181.26	1610	1840	613.5	377.3	FEL						2.667391	2.597375	Dark grey quartz feldspar porphyry dyke.
195.92	1595	1945	981.2	634.2	GRD	BX	SIL	5I	Py	20	2.803429	2.827666	Siliceous breaccia hosting disseminated Py PHC GRD clasts
							PHC	3I					
208.88	1595	1840	654.5	416	GRD		PRO	4I	Py	<1	2.671429	2.744235	Siliceous propylitic altered GRD with trace disseminated Py
							SIL	3I					
			2001.4	1472.8									2 kg calibration
229	1595	1800	534.7	331.2	FEL	PO					2.608293	2.627518	Dark red/purple FEL PO
249.54	1585	1780	739.6	547.7	GRD	VN	SIL	5I	Py	60	3.792821	3.854091	Smoky quartz vein hosting massive Py and blebby As
							PHC	4I	As	10			
269.3	1585	1850	701.6	442.1	GRD		PHC	3I	Py	1	2.647547	2.703661	Moderate phyllic altered GRD with disseminated Py
292.75	1580	1745	477	295	FEL						2.890909	2.620879	Green siliceous felsic dyke
325	1580	1895	835.7	525.9	GRD		PRO	3I			2.653016	2.697547	Siliceous, moderate propyltic GRD with epidote
							SIL	2I					
													EOH

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Date: September 1 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.60	3.05	2.45	2.08	84.9	M358594	123-1				
3.05	5.18	2.13	2.13	100	M358595	123-1				
5.18	6.40	1.22	1.22	100	M358596	123-1				
6.40	9.40	3.00	1.72	57.3	M358597	123-1				
9.40	10.65	1.25	1.00	80	M358598	123-1				
10.65	11.69	1.04	1.00	96.2	M358599	123-1				
11.69	14.33	2.64	2.42	91.7	M358600	123-1				
14.33	17.37	3.04	2.70	88.8	M358601	123-1				
					M358602	123-1				COARSE REJECT DUPLICATE
17.37	19.80	2.43	2.31	95.1	M358603	123-1				
19.80	21.52	1.72	1.71	99.4	M358604	123-1				
21.52	22.75	1.23	1.23	100	M358605	123-1				
22.75	24.58	1.83	1.83	100	M358606	123-1				
22.75	24.58	1.83	1.83	100	M358607	123-1				1/4 DUPLICATE
24.58	27.85	3.27	3.05	93.3	M358608	123-1				
27.85	29.01	1.16	0.97	83.6	M358609	123-1				
29.01	30.37	1.36	1.28	94.1	M358610	123-1				
30.37	32.62	2.25	2.25	100	M358611	123-1				
					M358612	123-1				STANDARD KLAZA-2
32.62	34.44	1.82	1.77	97.3	M358613	123-1				
34.44	35.90	1.46	1.46	100	M358614	123-1				
35.90	37.15	1.25	1.20	96	M358615	123-1				
					M358616	123-1				BLANK
37.15	40.26	3.11	3.02	97.1	M358617	123-1				
40.26	41.26	1.00	1.00	100	M358618	123-1				
41.26	43.43	2.17	2.16	99.5	M358619	123-1				
43.43	46.06	2.63	2.56	97.3	M358620	123-1				
46.06	47.63	1.57	1.53	97.5	M358621	123-1				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M358622	123-1				STANDARD KLAZA-2
47.63	49.40	1.77	1.77	100	M358623	123-1				
49.40	50.62	1.22	1.08	88.5	M358624	123-1				
50.62	51.62	1.00	1.00	100	M358625	123-1				
					M358626	123-1				BLANK
51.62	53.95	2.33	2.27	97.4	M358627	123-1				
53.95	54.95	1.00	1.00	100	M358628	123-1				
54.95	57.30	2.35	2.31	98.3	M358629	123-1				
57.30	58.50	1.20	1.10	91.7	M358630	123-2				
					M358631	123-2				BLANK
58.50	60.16	1.66	1.66	100	M358632	123-2				
					M358633	123-2				KL-STD-2
60.16	61.64	1.48	1.48	100	M358634	123-2				
61.64	63.62	1.98	1.90	96	M358635	123-2				
					M358636	123-2				BLANK
63.62	65.29	1.67	1.67	100	M358637	123-2				
65.29	66.97	1.68	1.68	100	M358638	123-2				
66.97	68.55	1.58	1.35	85.4	M358639	123-2				
68.55	70.11	1.56	1.56	100	M358640	123-2				
70.11	71.88	1.77	1.75	98.9	M358641	123-2				
71.88	72.88	1.00	1.00	100	M358642	123-2				
72.88	75.29	2.41	2.41	100	M358643	123-2				
75.29	78.33	3.04	2.97	97.7	M358644	123-2				
78.33	81.38	3.05	3.05	100	M358645	123-2				
81.38	82.41	1.03	1.03	100	M358646	123-2				
82.41	83.47	1.06	1.00	94.3	M358647	123-2				
83.47	85.81	2.34	2.30	98.3	M358648	123-2				
					M358649	123-2				COARSE REJECT DUPLICATE
85.81	86.96	1.15	1.07	93	M358650	123-2				
86.96	88.17	1.21	1.21	100	M358651	123-2				
88.17	89.90	1.73	1.73	100	M358652	123-2				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
89.90	91.22	1.32	1.31	99.2	M358653	123-2				
91.22	93.01	1.79	1.73	96.6	M358654	123-2				
93.01	94.31	1.30	1.29	99.2	M358655	123-2				
94.31	95.31	1.00	1.00	100	M358656	123-2				
					M358657	123-2				KL-STD-3
95.31	96.34	1.03	1.00	97.1	M358658	123-2				
96.34	97.37	1.03	1.00	97.1	M358659	123-2				
97.37	98.71	1.34	1.34	100	M358660	123-2				
98.71	99.82	1.11	1.11	100	M358661	123-2				
99.82	101.24	1.42	1.36	95.8	M358662	123-2				
101.24	102.60	1.36	1.36	100	M358663	123-2				
					M358664	123-2				1/4 DUPLICATE
102.60	104.59	1.99	1.89	95	M358665	123-2				
104.59	105.59	1.00	1.00	100	M358666	123-3				
105.59	107.65	2.06	1.85	89.8	M358667	123-3				
107.65	108.65	1.00	1.00	100	M358668	123-3				
108.65	110.82	2.17	2.16	99.5	M358669	123-3				
					M358670	123-3				1/4 DUPLICATE
110.82	112.54	1.72	1.69	98.3	M358671	123-3				
					M358672	123-3				KL-STD-2
112.54	113.81	1.27	1.24	97.6	M358673	123-3				
113.81	115.33	1.52	1.52	100	M358674	123-3				
					M358675	123-3				BLANK
115.33	116.96	1.63	1.63	100	M358676	123-3				
116.96	117.96	1.00	1.00	100	M358677	123-3				
117.96	120.07	2.11	1.99	94.3	M358678	123-3				
120.07	121.31	1.24	1.07	86.3	M358679	123-3				
121.31	122.83	1.52	1.50	98.7	M358680	123-3				
122.83	124.61	1.78	1.78	100	M358681	123-3				
					M358682	123-3				BLANK
124.61	125.82	1.21	1.00	82.6	M358683	123-3				
125.82	127.10	1.28	1.17	91.4	M358684	123-3				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
127.10	128.10	1.00	1.00	100	M358685	123-3				
					M358686	123-3				KL-STD-2
128.10	130.66	2.56	2.47	96.5	M358687	123-3				
130.66	131.66	1.00	1.00	100	M358688	123-3				
131.66	133.56	1.90	1.90	100	M358689	123-3				
133.56	134.68	1.12	1.12	100	M358690	123-3				
134.68	136.48	1.80	1.80	100	M358691	123-3				
136.48	137.50	1.02	1.00	98	M358692	123-3				
137.50	139.53	2.03	2.02	99.5	M358693	123-3				
					M358694	123-3				COARSE REJECT DUPLICATE
139.53	140.65	1.12	1.12	100	M358695	123-3				
140.65	142.44	1.79	1.75	97.8	M358696	123-3				
142.44	143.45	1.01	1.01	100	M358697	123-3				
143.45	144.83	1.38	1.38	100	M358698	123-3				
144.83	146.69	1.86	1.86	100	M358699	123-3				
146.69	148.79	2.10	2.08	99	M358700	123-3				
148.79	149.84	1.05	1.05	100	M358701	123-3				
149.84	151.10	1.26	1.22	96.8	M358702	123-4				
151.10	154.05	2.95	2.95	100	M358703	123-4				
154.05	155.05	1.00	1.00	100	M358704	123-4				
155.05	157.58	2.53	2.51	99.2	M358705	123-4				
157.58	160.63	3.05	3.02	99	M358706	123-4				
160.63	163.68	3.05	3.00	98.4	M358707	123-4				
163.68	164.68	1.00	1.00	100	M358708	123-4				
164.68	166.66	1.98	1.98	100	M358709	123-4				
					M358710	123-4				COARSE REJECT DUPLICATE
166.66	169.54	2.88	2.62	91	M358711	123-4				
169.54	170.56	1.02	1.00	98	M358712	123-4				
					M358713	123-4				BLANK
170.56	172.82	2.26	2.26	100	M358714	123-4				
172.82	175.26	2.44	2.32	95.1	M358715	123-4				
175.26	176.98	1.72	1.72	100	M358716	123-4				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
176.98	178.11	1.13	1.13	100	M358717	123-4				
178.11	180.32	2.21	2.21	100	M358718	123-4				
180.32	181.38	1.06	1.00	94.3	M358719	123-4				
					M358720	123-4				KL-STD-2
181.38	182.38	1.00	0.93	93	M358721	123-4				
182.38	183.38	1.00	0.96	96	M358722	123-4				
183.38	184.38	1.00	1.00	100	M358723	123-4				
					M358724	123-4				1/4 DUPLICATE
184.38	185.38	1.00	1.00	100	M358725	123-4				
					M358726	123-4				BLANK
185.38	188.06	2.68	2.59	96.6	M358727	123-4				
188.06	190.93	2.87	2.80	97.6	M358728	123-4				
					M358729	123-4				KL-STD-1
190.93	191.93	1.00	1.00	100	M358730	123-4				
191.93	193.40	1.47	1.42	96.6	M358731	123-4				
193.40	194.40	1.00	0.99	99	M358732	123-4				
194.40	195.50	1.10	1.09	99.1	M358733	123-4				
195.50	196.50	1.00	1.00	100	M358734	123-4				
196.50	197.50	1.00	0.99	99	M358735	123-4				
197.50	199.92	2.42	2.42	100	M358736	123-4				
199.92	200.92	1.00	1.00	100	M358737	123-4				
200.92	201.92	1.00	1.00	100	M358738	123-5				
					M358739	123-5				BLANK
201.92	203.30	1.38	1.38	100	M358740	123-5				
203.30	204.30	1.00	0.98	98	M358741	123-5				
204.30	205.38	1.08	1.08	100	M358742	123-5				
205.38	206.38	1.00	1.00	100	M358743	123-5				
206.38	207.38	1.00	0.94	94	M358744	123-5				
207.38	208.48	1.10	1.09	99.1	M358745	123-5				
208.48	209.70	1.22	1.16	95.1	M358746	123-5				
209.70	210.70	1.00	1.00	100	M358747	123-5				
210.70	211.70	1.00	0.98	98	M358748	123-5				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
211.70	214.20	2.50	2.50	100	M358749	123-5				
					M358750	123-5				KL-STD-2
214.20	215.20	1.00	1.00	100	M358751	123-5				
215.20	216.20	1.00	1.00	100	M358752	123-5				
216.20	217.20	1.00	0.99	99	M358753	123-5				
					M358754	123-5				BLANK
217.20	218.54	1.34	1.23	91.8	M358755	123-5				
218.54	220.04	1.50	1.49	99.3	M358756	123-5				
220.04	221.59	1.55	1.55	100	M358757	123-5				
					M358758	123-5				COARSE REJECT DUPLICATE
221.59	224.64	3.05	3.02	99	M358759	123-5				
224.64	226.62	1.98	1.95	98.5	M358760	123-5				
226.62	227.69	1.07	1.04	97.2	M358761	123-5				
					M358762	123-5				KL-STD-3
227.69	230.08	2.39	2.36	98.7	M358763	123-5				
230.08	231.08	1.00	1.00	100	M358764	123-5				
231.08	232.26	1.18	1.18	100	M358765	123-5				
					M358766	123-5				1/4 DUPLICATE
232.26	233.26	1.00	0.97	97	M358767	123-5				
233.26	235.31	2.05	2.02	98.5	M358768	123-5				
235.31	236.40	1.09	1.09	100	M358769	123-5				
236.40	237.40	1.00	0.92	92	M358770	123-5				
237.40	238.50	1.10	1.03	93.6	M358771	123-5				
238.50	239.50	1.00	1.00	100	M358772	123-5				
239.50	242.50	3.00	2.75	91.7	M358773	123-5				
242.50	244.00	1.50	1.50	100	M358774	123-6				
244.00	245.05	1.05	1.05	100	M358775	123-6				
					M358776	123-6				KL-STD-1
245.05	247.85	2.80	2.65	94.6	M358777	123-6				
247.85	248.85	1.00	0.91	91	M358778	123-6				
248.85	249.85	1.00	0.98	98	M358779	123-6				
					M358780	123-6				BLANK

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
249.85	252.07	2.22	2.22	100	M358781	123-6				
252.07	254.89	2.82	2.82	100	M358782	123-6				
254.89	256.13	1.24	1.19	96	M358783	123-6				
256.13	257.28	1.15	1.07	93	M358784	123-6				
257.28	258.33	1.05	1.05	100	M358785	123-6				
258.33	259.53	1.20	1.20	100	M358786	123-6				
					M358787	123-6				BLANK
259.53	260.53	1.00	0.94	94	M358788	123-6				
260.53	262.53	2.00	1.86	93	M358789	123-6				
262.53	263.53	1.00	0.99	99	M358790	123-6				
263.53	264.53	1.00	1.00	100	M358791	123-6				
264.53	265.58	1.05	1.05	100	M358792	123-6				
265.58	267.96	2.38	2.22	93.3	M358793	123-6				
					M358794	123-6				1/4 DUPLICATE
267.96	268.96	1.00	1.00	100	M358795	123-6				
268.96	270.36	1.40	1.40	100	M358796	123-6				
270.36	271.36	1.00	1.00	100	M358797	123-6				
					M358798	123-6				KL-STD-2
271.36	273.06	1.70	1.62	95.3	M358799	123-6				
273.06	274.94	1.88	1.87	99.5	M358800	123-6				
274.94	275.94	1.00	1.00	100	M358801	123-6				
275.94	277.07	1.13	1.13	100	M358802	123-6				
					M358803	123-6				COARSE REJECT DUPLICATE
277.07	278.07	1.00	1.00	100	M358804	123-6				
278.07	279.07	1.00	0.85	85	M358805	123-6				
279.07	280.27	1.20	1.10	91.7	M358806	123-6				
280.27	281.95	1.68	1.52	90.5	M358807	123-6				
281.95	283.50	1.55	1.55	100	M358808	123-6				
283.50	284.50	1.00	1.00	100	M358809	123-6				
284.50	286.02	1.52	1.52	100	M358810	123-7				
286.02	287.02	1.00	0.99	99	M358811	123-7				
					M358812	123-7				KL-STD-2

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
287.02	289.22	2.20	2.17	98.6	M358813	123-7				
289.22	290.22	1.00	1.00	100	M358814	123-7				
290.22	291.33	1.11	1.09	98.2	M358815	123-7				
291.33	292.33	1.00	1.00	100	M358816	123-7				
					M358817	123-7				BLANK
292.33	293.14	0.81	0.80	98.8	M358818	123-7				FEL PO DYKE
293.14	294.14	1.00	1.00	100	M358819	123-7				
294.14	295.14	1.00	0.98	98	M358820	123-7				
295.14	296.64	1.50	1.46	97.3	M358821	123-7				
296.64	297.79	1.15	1.15	100	M358822	123-7				
297.79	299.70	1.91	1.66	86.9	M358823	123-7				
					M358824	123-7				COARSE REJECT DUPLICATE
299.70	300.70	1.00	0.98	98	M358825	123-7				
300.70	302.67	1.97	1.46	74.1	M358826	123-7				poor recovery
302.67	303.67	1.00	0.98	98	M358827	123-7				
303.67	304.67	1.00	1.00	100	M358828	123-7				
					M358829	123-7				BLANK
304.67	305.83	1.16	0.92	79.3	M358830	123-7				poor recovery
305.83	306.93	1.10	1.10	100	M358831	123-7				
306.93	309.86	2.93	2.81	95.9	M358832	123-7				
309.86	310.86	1.00	0.97	97	M358833	123-7				
310.86	312.78	1.92	1.92	100	M358834	123-7				
312.78	313.78	1.00	1.00	100	M358835	123-7				
313.78	316.08	2.30	2.30	100	M358836	123-7				
					M358837	123-7				1/4 DUPLICATE
316.08	319.13	3.05	3.04	99.7	M358838	123-7				
					M358839	123-7				KL-STD-3
319.13	320.13	1.00	1.00	100	M358840	123-7				
320.13	322.17	2.04	1.90	93.1	M358841	123-7				
322.17	323.37	1.20	1.20	100	M358842	123-7				
323.37	325.50	2.13	2.05	96.2	M358843	123-7				
325.50	327.20	1.70	1.69	99.4	M358844	123-7				

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
327.20	328.27	1.07	1.03	96.3	M358845	123-7				EOH

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Tech Name:** **Date: September 1 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
	1.52	1.52	1.14	75	0.15	10		1	0s	5w	
1.52	3.05	1.53	1.53		0.00	0		1	0s	4w	
3.05	5.18	2.13	2.40		0.91	43		1	1s	4w	
5.18	8.23	3.05	1.82		0.25	8		1	0s	4w	
8.23	11.28	3.05	2.81		0.11	4		1	0s	4w	
11.28	13.11	1.83	1.33		0.12	7		1	0s	3w	
13.11	14.33	1.22	1.32		0.16	13		1	0s	2w	
14.33	17.37	3.04	2.54		0.73	24		1	1s	2w	
17.37	20.42	3.05	2.80		1.84	60		1	1s	2w	
20.42	23.47	3.05	2.92		1.47	48		1	0s	2w	
23.47	26.52	3.05	2.81		1.53	50		1	1s	2w	
26.52	29.57	3.05	2.53		0.68	22		2	1s	2w	
29.57	32.61	3.04	2.98		1.89	62		2	1s	2w	
32.61	34.44	1.83	1.73		0.40	22		1	1s	3w	
34.44	35.66	1.22	1.20		0.57	47		2	3s	2w	
35.66	38.71	3.05	2.87		2.12	70		2	1s	2w	
38.71	41.76	3.05	2.88		2.31	76		2	3s	1w	
41.76	44.81	3.05	2.88		1.93	63		2	2s	1w	
44.81	47.85	3.04	2.87		1.80	59		2	1s	2w	
47.85	50.90	3.05	2.90		0.92	30		2	3s	2w	
50.90	53.95	3.05	2.83		1.18	39		1	1s	2w	
53.95	57.00	3.05	2.88		0.95	31		1	1s	3w	
57.00	60.05	3.05	2.87		0.48	16		1	0s	4w	
60.05	63.09	3.04	2.74		0.63	21		1	1s	4w	
63.09	66.14	3.05	3.02		2.71	89		2	3s	1w	
66.14	69.19	3.05	2.70		2.05	67		2	3s	1w	
69.19	72.24	3.05	3.00		2.68	88		2	3s	1w	
72.24	75.29	3.05	2.85		0.64	21		2	3s	1w	
75.29	78.33	3.04	2.95		1.84	61		2	3s	1w	
78.33	81.38	3.05	3.00		1.65	54		2	3s	1w	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.86		1.47	48		1	1s	1w	
84.43	87.48	3.05	2.86		0.93	30		1	1s	3w	
87.48	90.53	3.05	2.97		1.53	50		1	1s	2w	
90.53	93.57	3.04	2.91		2.11	69		1	1s	2w	
93.57	96.62	3.05	2.93		0.46	15		1	1s	4w	
96.62	99.67	3.05	2.92		1.49	49		1	1s	2w	
99.67	102.72	3.05	2.69		1.76	58		2	2s	2w	
102.72	105.77	3.05	2.79		1.78	58		2	2s	1w	
105.77	108.81	3.04	2.68		2.04	67		1	1s	1w	
108.81	111.86	3.05	2.97		2.70	89		2	2s	1w	
111.86	113.69	1.83	1.64		1.12	61		2	2s	2w	
113.69	114.91	1.22	1.30		0.48	39		1	1s	3w	
114.91	117.96	3.05	2.94		1.66	54		1	1s	2w	
117.96	119.79	1.83	1.50		0.00	0		1	1s	3w	
119.79	121.01	1.22	0.95		0.00	0		1	2s	2w	
121.01	122.83	1.82	1.68		0.56	31		2	2s	2w	
122.83	124.05	1.22	1.25		0.29	24		1	0s	3w	
124.05	125.27	1.22	0.87		0.18	15		1	0s	2w	
125.27	127.10	1.83	1.71		1.30	71		2	3s	1w	
127.10	130.15	3.05	2.85		1.62	53		2	3s	1w	
130.15	133.20	3.05	2.72		1.45	48		2	3s	1w	
133.20	136.25	3.05	3.01		2.38	78		2	3s	1w	
136.25	139.29	3.04	2.97		2.20	72		2	3	1w	
139.29	142.34	3.05	3.00		1.61	53		2	3	2w	
142.34	145.39	3.05	3.05		1.54	50		2	2	2w	
145.39	148.44	3.05	2.95		1.31	43		2	1	2w	
148.44	151.49	3.05	2.99		0.61	20		1	2	3w	
151.49	154.53	3.04	2.99		0.67	22		1	1	3w	
154.53	157.58	3.05	3.03		1.43	47		1	3	2w	
157.58	160.63	3.05	3.05		2.85	93		2	3	2w	
160.63	163.68	3.05	2.93		1.77	58		1	1	2w	
163.68	166.73	3.05	3.01		0.44	14		1	0	3w	
166.73	169.77	3.04	2.41		0.00	0		1	1	4w	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	3.05		1.98	65		2	1	2w	
172.82	175.87	3.05	2.89		1.44	47		2	3	2w	
175.87	178.92	3.05	3.05		1.37	45		1	1	3w	
178.92	181.97	3.05	3.05		1.19	39		1	3	3w	
181.97	185.01	3.04	3.02		1.08	36		2	3	3w	
185.01	188.06	3.05	3.01		2.05	67		2	2	2w	
188.06	191.11	3.05	3.01		2.25	74		2	3	1w	
191.11	194.16	3.05	3.03		2.01	66		2	1	2w	
194.16	197.21	3.05	3.04		2.44	80		2	3	1w	
197.21	200.25	3.04	3.03		2.19	72		2	3	1w	
200.25	203.30	3.05	3.05		1.20	39		1	0	3w	
203.30	206.35	3.05	3.01		1.78	58		2	3	1w	
206.35	209.40	3.05	3		2.35	77		2	3	1w	
209.40	212.45	3.05	3.02		2.38	78		2	1	2w	
212.45	215.49	3.04	3.04		2.06	68		2	3	2w	
215.49	218.54	3.05	2.89		2.23	73		2	2	2w	
218.54	221.59	3.05	3.05		2.41	79		2	3	2w	
221.59	224.64	3.05	3.05		2.64	87		2	3	2w	
224.64	227.69	3.05	2.98		1.41	46		2	3	2w	
227.69	230.73	3.04	3.04		1.89	62		2	3	2w	
230.73	232.26	1.53	1.58		0.72	47		2	2	2w	
232.26	233.78	1.52	1.47		1.26	83		2	3	2w	
233.78	235.31	1.53	1.2		0.15	10		2	3	2w	
235.31	236.31	1.00	1.58		1.14	114		2	3	2w	
236.83	238.35	1.52	1.44		1.28	84		2	3	2w	
238.35	239.88	1.53	1.47		1.13	74		2	3	1w	
239.88	242.93	3.05	2.77		1.52	50		1	1	3w	
242.93	245.97	3.04	3.05		1.05	35		2	1	2w	
245.97	249.02	3.05	2.89		1.99	65		2	2	1w	
249.02	252.07	3.05	3.05		2.17	71		2	1	2w	
252.07	255.12	3.05	3.05		1.89	62		2	2	1w	
255.12	258.17	3.05	2.92		1.95	64		2	1	2w	
258.17	261.21	3.04	2.87		1.58	52		2	3	1w	
261.21	264.26	3.05	3.05		2.18	71		2	2	1w	

KLAZA PROPERTY

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering		DESCRIPTION
264.26	267.31	3.05	2.9		2.01	66		2	2	1w		
267.31	270.36	3.05	3.05		2.09	69		2	2	2w		
270.36	273.41	3.05	2.96		2.34	77		2	3	1w		
273.41	276.45	3.04	3.05		2.35	77		2	3	1w		
276.45	279.50	3.05	2.95		1.52	50		2	0	1w		
279.50	282.55	3.05	2.77		1.3	43		1	0	3w		
282.55	285.60	3.05	3.02		1.47	48		1	0	4w		
285.60	288.65	3.05	2.92		2.08	68		1	1	2w		
288.65	291.69	3.04	3.01		1.08	36		1	2	2w		rubble and gouge
291.69	294.74	3.05	3.02		1.09	36		1	1	4w		irregular fractures
294.74	297.79	3.05	3.03		1.9	62		1	1	4w		gouge and irregular fractures
297.79	300.84	3.05	2.94		2.94	96		1	0	1w		rubble and gouge
300.84	303.89	3.05	2.9		2.55	84		1	0	4w		rubble and gouge
303.89	306.93	3.04	2.8		0.8	26		1	0	4w		rubble and gouge
306.93	309.98	3.05	2.95		1.9	62.3		2	4		1	
309.98	313.03	3.05	2.8		2.41	79.02		2	2		1	
313.03	316.08	3.05	3		1.3	42.62		1	0		3	
316.08	319.13	3.05	3.05		2.1	68.85		2	3		1	
319.13	322.17	3.04	2.9		1.98	65.13		1	1		3	
322.17	325.22	3.05	3.02		2.62	85.9		2	3		1	
325.22	328.27	3.05	3		2.5			2	2		1	

EOH @ 328.27m

KLAZA PROPERTY

Hole: DDH-KL-12-123 **Tech Name:** LIZ BUECKERT **Date:** Se **Page** of

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
	1.52	1.52	0.00						
1.52	3.05	1.53	0.00	0.00	0.00	0.00	0.00	0.00	
3.05	5.18	2.13	20.00	1.00	2.00	2.00	2r	4w	
5.18	8.23	3.05	0.00						
8.23	11.28	3.05	0.00						
11.28	13.11	1.83	0.00						
13.11	14.33	1.22	0.00						
14.33	17.37	3.04	60.00	0.10	0.00	2.00	3r	2w	
17.37	20.42	3.05	30.00	1.00	1.00	2.00	2r	2w	
20.42	23.47	3.05	50.00	0.80	0.00	2.00	3r	2w	
23.47	26.52	3.05	15.00	0.23	0.00	3.00	3r	2w	
26.52	29.57	3.05	50.00	0.05	0.00	2.00	2r	2w	
29.57	32.61	3.04	50.00	0.30	0.00	2.00	2r	2w	
32.61	34.44	1.83	0.00						
34.44	35.66	1.22	45.00	0.22	1.00	2.00	2r	2w	
35.66	38.71	3.05	60.00	0.60	0.00	2.00	2r	2w	
38.71	41.76	3.05	50.00	0.40	0.00	2.00	2r	1w	additional joint set: 30, 1, 0, 2, 2r, 1w

KLAZA PROPERTY

41.76	44.81	3.05	45.00	0.70	0.00	1.00	2r	1w	
44.81	47.85	3.04	0.00						
47.85	50.90	3.05	30.00	1.20	1.00	2.00	2r	1w	
50.90	53.95	3.05	70.00	0.15	0.00	3.00	3r	1w	
53.95	57.00	3.05	45.00	0.40	2.00	2.00	3r	1w	
57.00	60.05	3.05	0.00						
60.05	63.09	3.04	0.00						
63.09	66.14	3.05	45	0.3	0	2	3r	1w	
66.14	69.19	3.05	0						
69.19	72.24	3.05	30	0.65	1	2	3r	1w	
72.24	75.29	3.05	50	0.3	0	3	3r	1w	
75.29	78.33	3.04	40	0.47	0	2	2r	1w	
78.33	81.38	3.05	70	0.08	0	2	3r	1w	additional joint set: 45, .35, 0, 3, 3r, 1w
81.38	84.43	3.05	45	0.1	0	2	3r	1w	
84.43	87.48	3.05	40	0.4	2	2	3r	2w	
87.48	90.53	3.05	40	0.2	2	2	2r	2w	
90.53	93.57	3.04	60	0.3	0	2	3r	2w	
93.57	96.62	3.05	40	0.15	0	2	2r	2w	
96.62	99.67	3.05	40	0.45	0	2	3r	2w	
99.67	102.72	3.05	55	0.2	1	2	2r	3w	
102.72	105.77	3.05	40	0.15	0	2	2r	2w	
105.77	108.81	3.04	60	0.15	0	2	2r	2w	
108.81	111.86	3.05	75	0.2	0	2	3r	2w	
111.86	113.69	1.83	45	0.05	0	2	2r	2w	
113.69	114.91	1.22	30	0	600	2	2r	4w	
114.91	117.96	3.05	30	0.08	0	2	3r	2w	
117.96	119.79	1.83	0	0	0	0	0	0	

KLAZA PROPERTY

119.79	121.01	1.22	0	0	0	0		0	0	
121.01	122.83	1.82	50	0.16	0	1	2r	2w		
122.83	124.05	1.22	55	0	240	2	2r	4w		
124.05	125.27	1.22	60	0.25	0	2	2r	2w		
125.27	127.10	1.83	50	0.23	0	3	2r	2w		
127.10	130.15	3.05	30	0.03	0	2	2r	2w		
130.15	133.20	3.05	35	0.25	0	2	2r	2w		
133.20	136.25	3.05	40	0.4	0	2	2r	2w		
136.25	139.29	3.04	40	0.15	0	2	2r	2w		
139.29	142.34	3.05	40	0.3	0	2	2r	2w		
142.34	145.39	3.05	30	0.2	0	2	2r	2w		
145.39	148.44	3.05	60	0.15	0	2	2r	2w		
148.44	151.49	3.05	45	0.1	2	2	2r	3w		
151.49	154.53	3.04	0							
154.53	157.58	3.05	65	0.2	0	3	3r	3w		
157.58	160.63	3.05	70	0.5	0	2	2r	2w		
160.63	163.68	3.05	50	0.45	0	2	2r	2w		
163.68	166.73	3.05	0	0	0	0		0	0	
166.73	169.77	3.04	0	0	0	0		0	0	
169.77	172.82	3.05	40	0.6	1	2	2r	3w		
172.82	175.87	3.05	35	0.15	0	2	2r	2w		
175.87	178.92	3.05	30	0.25	0	3	3r	3w		
178.92	181.97	3.05	75	0.1	2	3	3r	3w		
181.97	185.01	3.04	30	0.2	1	2	2r	3w		
178.92	181.97	3.05	75	0.1	2	3	3r	3w		
181.97	185.01	3.04	30	0.2	1	2	2r	3w		
185.01	188.06	3.05	45	0.15	2	2	3r	4w		
188.06	191.11	3.05	70	0.2	0	2	2r	2w		
191.11	194.16	3.05	70	0.3	0	3	3r	2w		
194.16	197.21	3.05	70	0.4	0	2	2r	2w		
197.21	200.25	3.04	50	0.5	0	2	2r	2w		
200.25	203.30	3.05	40	0.3	0	2	2r	2w		
203.30	206.35	3.05	20	0.25	1	2	2r	3w		
206.35	209.40	3.05	80	0.1	0	2	3r	2w		
209.40	212.45	3.05	60	0.2	0	2	3r	2w		
212.45	215.49	3.04	50	0.5	0	2	2r	2w		
215.49	218.54	3.05	80	0.4	0	3	3r	2w		
218.54	221.59	3.05	45	0.2	0	2	2r	1w		
221.59	224.64	3.05	30	0.3	1	2	2r	3w		
224.64	227.69	3.05	45	0.4	0	2	2r	2w		
227.69	230.73	3.04	35	0.25	0	2	2r	2w		
230.73	232.26	1.53	60	0.15	0	2	2r	2w		
232.26	233.78	1.52	60	0.25	0	2	2r	2w		
233.78	235.31	1.53	0	0	0	0		0	0	rubble
235.31	236.83	1.52	50	0.2	0	2	2r	2w		
236.83	238.35	1.52	60	0.46	0	2	2r	2w		
238.35	239.88	1.53	60	1.08	0	2	2r	1w		
239.88	242.93	3.05	65	0.21	0	2	2r	2w		

KLAZA PROPERTY

242.93	245.97	3.04	60	0.56	0	2	2r	1w	
245.97	249.02	3.05	60	0.55	0	2	2r	2w	
249.02	252.07	3.05	60	0.76	0	2	2r	2w	
252.07	255.12	3.05	70	0.98	0	2	2r	2w	
255.12	258.17	3.05	60	0.53	0	3	2r	1w	
258.17	261.21	3.04	70	1.33	0	2	2r	1w	
261.21	264.26	3.05	65	1.02	0	3	2r	2w	
264.26	267.31	3.05	55	1.21	0	2	2r	1w	
267.31	270.36	3.05	60	0.77	0	2	2r	2w	
270.36	273.41	3.05	60	0.35	2	2	3r	3w	
273.41	276.45	3.04	60	0.37	3	2	2r	3w	
276.45	279.50	3.05	75	0.65	0	2	2r	1w	
279.50	282.55	3.05	55	0.45	12	2	2r	3w	
282.55	285.60	3.05	80	0.92	18	1	2r	2w	
285.60	288.65	3.05	60	0.62	13	1	2r	4w	
288.65	291.69	3.04	0	0	0	0		0	0 rubble
291.69	294.74	3.05	0	0	18	0		0	0 irregular fractures and gouge
294.74	297.79	3.05	0	0	100	0		0	0 gouge and irregular fractures
297.79	300.84	3.05	0	0	0	0		0	0
300.84	303.89	3.05	0	0	90	0		0	0 gouge and irregular fractures
303.89	306.93	3.04	0	0	50	0		0	0 rubble and gouge
306.93	309.98	3.05	60	0.51	0	1	2r	1w	
309.98	313.03	3.05	60	0.62	0	1	2r	1w	
313.03	316.08	3.05	60	0.22	0	1	2r	1w	
316.08	319.13	3.05	60	0.41	0	1	1r	1w	
319.13	322.17	3.04	60	0.35	18	2	2r	1w	
322.17	325.22	3.05	60	1.2	0	1	2r	1w	
325.22	328.27	3.05	40	0.42	0	3	2r	1w	

EOH @ 328.27m

KLAZA PROPERTY

Hole: DDH-KL-12-123 Date: September 1 2012

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS

KLAZA PROPERTY

Hole: DDH-KL-12-123 Date: September 1 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		2.01
2.00		0.35
3.00		0.23
4.00		0.26
5.00		0.13
6.00		0.12
7.00		0.43
8.00		0.10
9.00		0.87
10.00		0.10
11.00		1.73
12.00		16.10
13.00		1.80
14.00		11.10
15.00		16.70
16.00		14.80
17.00		19.70
18.00		18.10
19.00		26.30
20.00		26.50
21.00		1.28
22.00		0.47
23.00		16.90
24.00		15.30
25.00		0.65
26.00		18.70
27.00		19.50
28.00		1.29
29.00		1.11

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00		0.45
31.00		9.69
32.00		20.80
33.00		11.40
34.00		0.65
35.00		26.70
36.00		0.64
37.00		0.69
38.00		11.70
39.00		9.53
40.00		23.40
41.00		27.40
42.00		15.80
43.00		23.20
44.00		0.49
45.00		0.82
46.00		0.51
47.00		13.50
48.00		1.42
49.00		4.42
50.00		0.38
51.00		0.45
52.00		0.42
53.00		0.27
54.00		0.23
55.00		0.51
56.00		0.47
57.00		0.67
58.00		0.64
59.00		0.43

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00		0.36
61.00		0.76
62.00		0.16
63.00		0.21
64.00		0.80
65.00		0.34
66.00		4.95
67.00		0.69
68.00		0.47
69.00		0.28
70.00		0.32
71.00		0.21
72.00		0.43
73.00		0.12
74.00		0.15
75.00		0.25
76.00		0.31
77.00		0.10
78.00		0.14
79.00		0.21
80.00		0.18
81.00		0.14
82.00		0.12
83.00		0.45
84.00		3.45
85.00		1.22
86.00		0.58
87.00		0.23
88.00		0.47
89.00		0.42

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00		0.62
91.00		0.64
92.00		0.67
93.00		0.56
94.00		0.29
95.00		0.32
96.00		0.36
97.00		0.75
98.00		0.25
99.00		0.25
100.00		0.18
101.00		0.38
102.00		0.67
103.00		2.12
104.00		16.00
105.00		0.40
106.00		0.36
107.00		1.06
108.00		0.53
109.00		0.67
110.00		0.43
111.00		0.36
112.00		0.40
113.00		0.21
114.00		0.16
115.00		0.29
116.00		0.20
117.00		0.47
118.00		0.20
119.00		0.25

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00		0.87
121.00		0.25
122.00		0.75
123.00		0.89
124.00		0.42
125.00		0.23
126.00		0.20
127.00		0.23
128.00		0.31
129.00		0.34
130.00		0.29
131.00		0.36
132.00		0.29
133.00		0.21
134.00		0.43
135.00		0.38
136.00		0.42
137.00		0.31
138.00		0.34
139.00		0.29
140.00		0.34
141.00		0.45
142.00		0.09
143.00		0.07
144.00		0.09
145.00		0.14
146.00		0.51
147.00		0.14
148.00		0.05
149.00		0.00

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00		0.12
151.00		0.23
152.00		0.23
153.00		0.75
154.00		0.23
155.00		0.42
156.00		0.29
157.00		0.29
158.00		0.20
159.00		0.23
160.00		0.10
161.00		0.23
162.00		0.25
163.00		0.14
164.00		0.34
165.00		0.16
166.00		0.18
167.00		0.16
168.00		0.25
169.00		0.25
170.00		0.14
171.00		0.14
172.00		0.12
173.00		0.16
174.00		0.16
175.00		0.14
176.00		0.21
177.00		0.20
178.00		0.10
179.00		0.14

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00		0.29
181.00		1.65
182.00		0.32
183.00		0.27
184.00		0.16
185.00		0.20
186.00		0.36
187.00		0.42
188.00		0.21
189.00		0.07
190.00		0.09
191.00		0.16
192.00		0.01
193.00		0.58
194.00		0.25
195.00		0.34
196.00		0.16
197.00		0.23
198.00		0.36
199.00		0.05
200.00		0.18
201.00		0.20
202.00		0.65
203.00		0.27
204.00		2.89
205.00		1.84
206.00		2.41
207.00		1.02
208.00		0.51
209.00		3.42

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00		4.20
211.00		0.32
212.00		3.31
213.00		13.80
214.00		15.40
215.00		4.42
216.00		15.00
217.00		0.69
218.00		9.20
219.00		2.72
220.00		1.33
221.00		2.26
222.00		4.62
223.00		2.76
224.00		8.61
225.00		11.20
226.00		2.72
227.00		0.18
228.00		0.25
229.00		0.31
230.00		0.32
231.00		8.31
232.00		1.35
233.00		0.96
234.00		0.51
235.00		1.72
236.00		0.10
237.00		0.47
238.00		5.32
239.00		6.20

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00		12.80
241.00		7.72
242.00		0.42
243.00		0.43
244.00		0.32
245.00		5.54
246.00		1.86
247.00		9.13
248.00		3.56
249.00		0.49
250.00		0.18
251.00		0.21
252.00		0.18
253.00		0.20
254.00		0.25
255.00		0.23
256.00		0.20
257.00		0.20
258.00		0.21
259.00		0.16
260.00		0.39
261.00		0.34
262.00		0.09
263.00		0.82
264.00		0.25
265.00		0.29
266.00		0.25
267.00		0.14
268.00		0.40
269.00		5.27

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00		0.23
271.00		0.05
272.00		0.34
273.00		0.62
274.00		0.34
275.00		0.32
276.00		0.31
277.00		0.41
278.00		0.06
279.00		0.28
280.00		0.43
281.00		0.62
282.00		0.52
283.00		0.92
284.00		0.54
285.00		0.94
286.00		1.02
287.00		1.95
288.00		0.30
289.00		0.40
290.00		0.27
291.00		0.51
292.00		0.16
293.00		0.12
294.00		0.20
295.00		0.20
296.00		0.12
297.00		0.18
298.00		0.23
299.00		0.58

KLAZA PROPERTY

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00		0.21
301.00		0.20
302.00		0.20
303.00		0.14
304.00		0.27
305.00		0.16
306.00		0.18
307.00		0.62
308.00		0.21
309.00		0.31
310.00		0.20
311.00		4.17
312.00		0.98
313.00		0.51
314.00		0.38
315.00		2.30
316.00		1.17
317.00		6.64
318.00		14.90
319.00		6.82
320.00		17.40
321.00		10.80
322.00		18.10
323.00		11.30
324.00		20.00
325.00		8.67
326.00		3.53
327.00		20.10
328.00		1.02
	EOH @ 328.27m	

KLAZA PROPERTY

Hole: DDH-KL-12-123 Date: September 1 2012

Box #	From (m)	To (m)
1	0.00	3.57
2	3.57	5.18
3	5.18	11.36
4	11.36	16.90
5	16.90	22.59
6	22.59	28.14
7	28.14	33.95
8	33.95	39.26
9	39.26	44.95
10	44.95	50.67
11	50.67	56.43
12	56.43	61.75
13	61.75	67.55
14	67.55	73.44
15	73.44	78.89
16	78.89	84.66
17	84.66	90.43
18	90.43	96.24
19	96.24	101.72
20	101.72	107.51
21	107.51	112.93
22	112.93	118.13
23	118.13	123.35
24	123.35	128.96
25	128.96	134.67
26	134.67	140.27
27	140.27	146.07
28	146.07	151.63
29	151.63	157.32

KLAZA PROPERTY

30	157.32	163.24
31	163.24	168.87
32	168.87	174.68
33	174.68	180.21
34	180.21	185.81
35	185.81	191.67
36	191.67	203.01
37	203.01	208.74
38	208.74	214.56
39	214.56	220.54
40	220.54	226.16
41	226.16	231.57
42	231.57	236.99
43	236.99	242.64
44	242.64	249.37
45	249.37	254.16
46	254.16	259.55
47	259.55	265.23
48	265.23	271.10
49	271.10	276.45
50	276.45	282.22
51	282.22	288.02
52	288.02	297.52
53	297.52	299.26
54	299.26	305.60
55	305.60	311.15
56	311.15	317.69
57	317.69	328.27
		EOH @ 328.27m

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382491.21	6890502.6	1343.565	346.56

SECTION: KL 9+700 mE

HOLE: DDH-KL-12-124

CLAIM: YD09216

Contractor: Platinum

Drill: A5

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 28th - Aug 31st, 2012

Geology logged by: Nicholas Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
26.5176	37.7	-50.2	Ranger	255.1176	40.9	-49.9	Ranger
102.7176	39.3	-49.8	Ranger	285.5976	42.5	-49.8	Ranger
178.9176	39.5	-49.7	Ranger	316.0776	43.4	-49.6	Ranger
224.6376	42.9	-49.8	Ranger	346.5576	45.8	-49.3	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments

SAMPLES

Numbers: M357196 - M357417

Total: 222

Batch: 124-1 - 124-7

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-124 **Logger Name:** **Nicholas Bueckert** **Date: August 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
	4.57	27.75				mKgW	GRD	MG		OR	PA	OXI	4.00					He	5.00		PERVASIVE OXIDATION through patchy argillic - postassic - unaltered granodiorite. Dominant potassic alteration. Argillic zones 20-50 cm. Phyllic 2-50cm as envelopes around quartz-carbonate veinlets. Black stringers (stockwork) at top of hole. Zones of frequent, dense hematitle stringers preesent. Limnite staining on all fractures
									MD	GY		ARG	3.00								
									MD	GR		POT	3.00								
												PHC	3.00								
												PRO	2.00								
			19.13	19.43	0.30	mKgW	GRD	MG	OR		BX										OXIDIZED BRECCIA. Matrix supported, clasts angular <2cm. Mineralogy hidden by oxidation.
			25.91	26.12	0.21																DIKE/XENOLITH? Plagioclase-phyric in black fine grained matrix (non-magnetic). Irregular 'contacts' with propylitic altered hanging wall and potassic altered footwall. 60 degrees TCA (top contact) and 80 degress (bottom contact)
27.75	169.04	141.29				mKgW	GRD	MG	MD	GN	MA			PRO	2.00						PROPYLTIIC AND POTASSIC ALTERATION WITH PHYLLIC ZONES. Patchy interval Dominately weak potassic to propylitic (50/50 %) altered granodiorite with wide phyllic envelopes (metre scale) around veins +/- mineralization (see secondary log). Zones of weak to strong argillic alteration (20-200 cm) common throughout. Local sheeted black stringers at top of interval.
										PK	OA			POT	1.00						
			36.52	36.67	0.15	mKgW	GRD	MG	LT	GN	EN			PHC	3.00						PHYLLIC ENVELOPE around four carbonate veinlets and one carbonate vein. No
			40.43	42.92	2.49	mKgW	GRD	MG	LT	GN	EN			PHC	3.00	5.00	2.00	Sph	5.00		PHYLLIC ENVELOPE with two mineralized veins (see secondary log)
																		Gn	5.00		
			48.76	51.48	2.72	mKgW	GRD	MG	LT	GN	EN			PHC	3.00						PHYLLIC ENVELOPE AND ARGILLIC (underprint) with carbonate veinlets (10 degrees TCA) and four carbonate veins (+chlorite). Two cm gougy vein 30 degrees TCA
														ARG	2.00						
			61.46	65.41	3.95	mKgW	GRD	MG	LT	GN				PHC	3.00						PHYLLIC ZONE associated with local increase in smoky quartz veinletws with calcite and tourmaline (2%). Stringers 80-90 degrees TCA (8 total)
														ARG	1.00						
			81.75	83.37	1.62	mKgW	GRD	MG	LT	GN	EN			PHC	3.00	1.00		Gn	1.00		PHYLLIC ALTERATION associated with white carbonate +/- quartz veinlets hosting trace pyrite and galena. Three veinlets total 6-8mm. 80 degrees TCA
			84.32	84.43	0.11		APL	FG	LT	PK											APLITE DIKE. Pink silicious, fine-grained dike. 70 degrees TCA sharp contact (uphole) and 90 degrees TCA sharp contact (downhole)
			91.53	97.72	6.19	mKgW	GRD	MG	LT	GN	PA			PHC	3.00	1.00					PATCHY PHYLLIC>ARGILLIC alteration zones (30-50 cm) around pink and white carbonate > quartz veinletw, one grey quartz vein zone 50 degrees TCA. Trace pyrite in one stringer
										WH				ARG	2.00						
			104.11	116.02	11.91	mKgW	GRD	MG	LT	GN				PRO	2.00						Increase in argillic 'underprint'. Potassic and propylitic alteration still prominent.
										WH				POT	1.00						
														ARG	2.00						
			109.96	115.20	5.24	mKgW	GRD	MG	LT	GN	PA			PRO	3.00						PHYLLIC ALTERATION dominant with patchy moderate to strong propylitic alteration in zone associated with massive calcit vein. Zone is locally silicified, chlorite stringers present (stockwork(), local vugs not assocated with veining. Netted grey quartz stringers < breccia througout. Vein occurs at bottom of envelope
									MD	GN				PHC	3.00						
														ARG	2.00						
			115.20	118.41	3.21	mKgW	GRD	MG	DK	GN				PRO	4.00						STRONG PROPYLITIC ALTERATION.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			118.41	119.81	1.40	mKgW	GRD	MG	LT	GN				PHC	3.00	1.00		Sph	1.00		PHYLLIC ENVELOPE with argilllic 'underprint' around gougy smoky quartz-black sulphide vein. Trace to weak sulphide.
														ARG	2.00						
			122.63	123.96	1.33		APL	FG	LT	PK											APLITE DIKE. Pink, fine-grained aplite dike with coarse grained disseminated hematite?. Dike at 0-3 degrees TCA. Contact sharp, silicified (1cm). Dike is carbonaceous.
			134.86	135.16	0.30	mKgW	GRD	MG	LT	GN	EN			PHC	3.00	10.00	3.00	Sph	2.00		PHYLLIC envelope around quartz carbonate veins with sulphide mineralization (1cm- see secondary log)
			140.47	143.33	2.86	mKgW	GRD	MG	LT	GN	EN			PHC	3.00						PHYLLIC ENVELOPE around chalcedony and calcite veins. No sulphide mineralization
			143.33	151.49	8.16	mKgW	GRD	MG	MD	GY	PA		1.00	PRO	1.00						PATCHY PHYLLIC AND ARGILLIC ZONES (20-40 cm) in siliceous potassic and propylitic alteration
									LT	GN				POT	1.00						
														PHC	3.00						
			158.36	158.75	0.39	mKgW	GRD	MG	LT	GN	EN			PHC	3.00						PHYLLIC ENVEOPLE around black sulphide-calicte vein/
			160.82	162.61	1.79	mKgW	GRD	MG	LT	GN				PHC	2.00						QUARTZ VEIN ZONE in phyllic (moderate to strong) alteration with patchy argillic alteration (see secondary log)
			167.72	169.04	1.32	mKgW	GRD	MG	DK	GN	BX			PRO	3.00						BRECCIA ZONE AT DIKE CONTACT. Matrix supported breccia. Large (6-10cm) subangular clasts of propylitic altered GRD in black fine-grained breccia matrix at low angle to core (see contact log)
									LT	GN											
169.04	184.48	15.44				LKqP	FEL	FG	LT	GN	PO										QUARTZ FELDSPAR PORPHYRY DIKE. Grey-green plagioclase phyric (coarse to very coarse grained) in crystalline grey to green groundmass. Light purple for 1m at upper and lower contacts. Plagioclase graine decrease to medium grained.
									LT	BN											
184.48	215.39	30.91				mKgW	GRD	MG													PHYLLIC ALTERATION dominant, propylitic, argillic, and potassic present in cm to m scale zones. General increase in alteration intensity. Mineralized zone(s) present, increase in alteration intesity. Mineralized zones present; increase in veining +/- mineralization zones of patchy argillic alteration most common.
			184.84	189.05	4.21	mKgW	GRD	MG	LT	GN	PA			PHC	3.00						ARGILLIC alteration dominant.with phyllic overprint
										WH				ARG	2.00						
			189.05	191.11	2.06	mKgW	GRD	MG	LT	ON	PA			PHC	3.00						Zone of increasing black sulphide veinlets and gougy core associated with black veinlets in phyllic alteration
			204.50	206.89	2.39	mKgW	GRD	MG	MD	GN	PA			PRO	3.00						Patchy argillic > propylitic alteration. Argillic overprint.
										WH				ARG	3.00						
215.39	219.13	3.74				LKqP	FEL	FG	LT	RD	PO										QUARTZ FELDSPAR PORPHYRY DIKE. Red and grey green coloured.
									LT	GN											
219.13	249.48	30.35				mKgW	GRD	MG	LT	PK	MA			PRO	1.00						WEAK PROPYLITIC TO POTASSIC ALTERED GRANODIORITE. With wide phyllic evelopes associated with quartz veining +/- mineralization. Black fine-grained xenoliths common (6cm)
									LT	GN	PA			POT	1.00						
														PHC	2.00						
			219.13	221.04	1.91	mKgW	GRD	MG	LT	GN	EN			PHC	3.00						PHYLLIC ENVELOPE around vein and breccia (see secondary log). Gougy zone
			226.16	228.62	2.46	mKgW	GRD	MG	LT	GN	EN			PHC	2.00						PHYLLIC ENVELOPE with 50 cm of argillic alteration at top of interval. Two mineralized veins (see secondary log)
										WH				ARG	3.00						
			244.40	245.45	1.05	mKgW	GRD	MG	LT	GN	EN			PHC	2.00						PHYLLIC ENVELOPE around two veins.
			245.45	246.51	1.06	LKqP	FEL	FG		GN	AN					2.00					Fine grained to porphyritic grey green dike, disseminated py throughout phenocryats 'washout'
										GY	PO										

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
249.01	271.00	21.99				mKgW	GRD	MG	LT	GY				ARG	3.00						ARGILLIC AND PHYLLIC ALTERATION. Clays and chlorite present, orange stained mineral present in zone of increased sulphide.
									LT	GR				PHC	2.00						
			261.01	261.22	0.21	mKgW	GRD	MG										To	15.00		Disseminated tourmaline in hanging wall to gougy vein zone.
271.00	324.65	53.65				mKgW	GRD	MG	LT	GN	PA			PHC	2.00						ALTERNATING PHYLLIC AND WEAK PROPYLITIC with narrow (30 cm) zones of argillic alteration. Phyllic and propylitic zones distinct.
									SK	GN	PK			PRO	2.00						
			271.00	278.03	7.03	mKgW	GRD	MG	DK	GN	MA			PRO	2.00						PROPYLITIC ALTERATION with argillic patches)20-30cm) and minor phyllic envelopes around infrequent chlorite and calicte veining.
										PK	PA										
			278.03	284.14	6.11	mKgW	GRD	MG	LT	GN				PHC	3.00						PHYLLIC ALTERATION in zone of increaseing quartz veining, +/- sulphides
			284.14	285.77	1.63	mKgW	GRD	MG	DK	GN				PRO	2.00						PROPYLITIC ALTERATION
			285.77	297.75	11.98	mKgW	GRD	MG	LT	GN											PHYLLIC ALTERATION in vein zone
			293.85	294.64	0.79	mKgW	GRD	MG	LT	GN	BX										COBBLE BRECCIA. Rounded phyllic altered granodiorit clasts (<3cm) in grey matrix (<30%). Disseminated pyrite throughout.
			297.75	312.09	14.34	mKgW	GRD	MG		PK				POT	3.00						WEAK PROPYLITIC with moderate potassic alteration with local patches of argillic alteration. Black-red stringers +/-pyrite common. Core is dark red overall.
									LT	OR				PRO	1.00						
			312.09	314.36	2.27	mKgW	GRD	MG	LT	GN	PA			OHC				To			PHYLLIC ALTERATION associated with four aplite dikes. Space 30-35 cm apart-sheeted? Local blebs of tourmaline. Patchy (20cm) argillic.
										PK											
			314.36	324.65	10.29	mKgW	GRD	MG		RD	PA			POT	3.00						PROPYLITIC ALTERATION with moderate potassic overprint. Core very patchy, locally gougy, phyllic envelopes (5-30cm) around veinlets. Carbonate stringers frequent. Massive white calicte vein at 320.10 m
										DK	GN			PRO	1						
324.65	327.35	2.70				LKqP	FEL	FG	MD	PU	PO										QUARTZ FELDSPAR DIKE purple with calcite stringers and veinlets and infill present. Plagioclase and chlorite phyric.
327.35	346.56	19.21				mKgW	GRD	MG	LT	RD	PA			POT	3						PROPYLITIC alteration with moderate potassic overprint (variably present) and zones of moderate
									LT	GN	EN			PRO	2						
			327.35	329.36	2.01	mKgW	GRD	MG	LT	RD	PA			POT	3						PATCHY PROPYLITIC AND POTASSIC ALTERATION gougy, calcite stringers frequent.
									LT	GN				PRO	1						
			329.36	332.3	2.94	mKgW	GRD	MG	LT	GN				PHC	2						PHYLLIC ALTERATION moderate and locally strong around two sulphide bearing veins (see secondary log). Gougy with dense netteed calcite>quartz stringers
			332.3	336.46	4.16	mKgW	GRD	MG	DK	GN	PA			PRO	2						PROPYLITIC ALTERATION with minor patches of argilllic alteration in zone with multiple aplite dikes
										RD											
			336.46	346.56	10.10	mKgW	GRD	MG	MD	GY	MA			POT	4						UNALTERED GRANODIORITE with local potassic? Flooding? (10-35cm)
										WH											

PROPERTY NAME

Hole: DDH-KL-12-124 Logger Name: Nicholas Bueckert

Depth (m)		DESCRIPTION

PROPERTY NAME

Hole: DDH-KL-12-124 **Logger Name:** Nicholas Bueckert **Date: August 2012**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		

PROPERTY NAME

Hole: DDH-KL-12-124 **Date: August 2012**

From (m)	Volume 1	Volume 2	Weight in	Weight in	Ro	Te	Alteration		Minerals		Density	Specific	DESCRIPTION
11.28	1400	1700	802.6	503.6	GRD	ma	oxi	3			2.675333	2.684281	Granodiorite with pervasive oxidation
25.9	1400	1640	622.5	414	MAF	po					2.59375	2.985612	Black plagioclase porphyry dike? Or xenolith
32.2	1400	1770	943	609.8	GRD	ma	pot	2			2.548649	2.830132	Potassic altered granodiorite - type case
39	1400	1595	575	362.2	GRD	ma	phc	1			2.948718	2.702068	Granodiorite with chlorite from very weak phyllic alteration
56.99	1400	1605.0	544.5	343.5	GRD	ma	pot	1			2.656098	2.708955	Weak potassic altered granodiorite
76.1	1400	1735	833.5	548.7	GRD	ma	pro	2			2.48806	2.926615	Weak propylitic alteration
93.57	1400	1680	715	445.1	VEN	ma	pro	1			2.553571	2.649129	Three sheeted quartz veins (1cm); no mineralization, propylitic alteration
108.81	1400	1610	578.7	359.2	GRD	ma	pro	1			2.755714	2.636446	Propylitic altered granodiorite - type case
123.16	1400	1620	615.4	378.4	GRD	dk					2.797273	2.596624	Aplite dike
142.6	1400	1690	783.4	489.2	GRD	ma	arg	3			2.701379	2.662814	Argillic > potassic granodiorite + carbonate veinlet
159.78	1380	1645	702.5	434	GRD	ma	phc	3			2.650943	2.616387	Phyllic altered granodiorite - type case
168.2	1380	1700	863.4	540.8	GRD	bx					2.698125	2.676379	Black matrix-supported breccia
180.5	1380	1640	702.9	435	FEL						2.703462	2.62374	Quartz-feldspar porphyry dike - type
193.4	1380	1660	797.5	512	GRD	vn	phc	3	sph	<50	2.848214	2.793345	Intergrown sphalerite-pyrite-arsenopyrite hosted in quartz vein with phyllic alteration
203.4	1360	1640	834.6	575.6	GRD	vn	phc	3	py	30	2.980714	3.222394	Grey quartz vein hosting semi-massive pyrite + phyllic altered granodiorite
216.65	1360	1660	783.4	489.2	FEL	po					2.611333	2.662814	Quartz-feldspar porphyry dike
220.35	1360	1580	734.2	391.8	GRD	ma	pro	2			3.337273	2.144276	Propylitic alteration - type case
234.5	1360	1705	926.5	595.1	GRD	ma	phc	3			2.685507	2.795715	Phyllic alteration + grey quartz vein; no sulphide mineralization
249.02	1360	1700	954	595.1	GRD	ma	pro	1			2.805882	2.658122	Weak propylitic alteration - type case
262	1360	1670	900.5	576.7	GRD	ne	phc	3	sph	4	2.904839	2.781038	Netted quartz + sulphide veining

PROPERTY NAME

Hole: DDH-KL-12-124 **Date:** August 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
4.57	7.20	2.63	1.95	74.1	M357196	124-1				
7.20	9.82	2.62	2.60	99.2	M357197	124-1				
9.82	12.46	2.64	2.41	91.3	M357198	124-1				
12.46	14.33	1.87	1.87	100	M357199	124-1				
14.33	16.02	1.69	1.69	100	M357200	124-1				
					M357201	124-1				STANDARD KLAZA 3
16.02	18.75	2.73	2.73	100	M357202	124-1				
18.75	19.75	1.00	1.00	100	M357203	124-1				
19.75	21.66	1.91	1.75	91.6	M357204	124-1				
21.66	23.47	1.81	1.81	100	M357205	124-1				
23.47	26.51	3.04	3.04	100	M357206	124-1				
26.51	27.90	1.39	1.39	100	M357207	124-1				
					M357208	124-1				COARSE REJECT DUPLICATE
27.90	30.76	2.86	2.76	96.5	M357209	124-1				
30.76	32.61	1.85	1.77	95.7	M357210	124-1				
32.61	35.66	3.05	3.01	98.7	M357211	124-1				
35.66	36.66	1.00	1.00	100	M357212	124-1				
36.66	37.66	1.00	1.00	100	M357213	124-1				
					M357214	124-1				BLANK
37.66	39.24	1.58	1.55	98.1	M357215	124-1				
39.24	40.65	1.41	1.41	100	M357216	124-1				
40.65	42.00	1.35	1.35	100	M357217	124-1				
42.00	43.00	1.00	1.00	100	M357218	124-1				
					M357219	124-1				BLANK
43.00	44.00	1.00	1.00	100	M357220	124-1				
44.00	46.00	2.00	2.00	100	M357221	124-1				
46.00	48.71	2.71	2.71	100	M357222	124-1				
					M357223	124-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
48.71	50.50	1.79	1.79	100	M357224	124-1				
50.50	53.50	3.00	3.00	100	M357225	124-1				
53.50	55.21	1.71	1.71	100	M357226	124-1				
					M357227	124-1				1/4 DUPLICATE
55.21	56.99	1.78	1.76	98.9	M357228	124-1				
56.99	60.05	3.06	3.00	98	M357229	124-1				
60.05	61.41	1.36	1.36	100	M357230	124-1				
61.41	62.41	1.00	1.00	100	M357231	124-1				
62.41	63.96	1.55	1.53	98.7	M357232	124-2				
63.96	64.96	1.00	1.00	100	M357233	124-2				
64.96	66.14	1.18	1.18	100	M357234	124-2				
66.14	67.14	1.00	1.00	100	M357235	124-2				
67.14	69.19	2.05	1.98	96.6	M357236	124-2				
					M357237	124-2				COARSE REJECT DUPLICATE
69.19	72.24	3.05	2.88	94.4	M357238	124-2				
72.24	75.29	3.05	2.87	94.1	M357239	124-2				
75.29	78.34	3.05	3.05	100	M357240	124-2				
78.34	81.38	3.04	3.04	100	M357241	124-2				
					M357242	124-2				1/4 DUPLICATE
81.38	82.38	1.00	1.00	100	M357243	124-2				
82.38	83.38	1.00	1.00	100	M357244	124-2				
83.38	85.61	2.23	2.20	98.7	M357245	124-2				
85.61	87.48	1.87	1.87	100	M357246	124-2				
87.48	90.53	3.05	3.01	98.7	M357247	124-2				
					M357248	124-2				STANDARD KLAZA 3
90.53	91.68	1.15	1.14	99.1	M357249	124-2				
91.68	92.84	1.16	1.16	100	M357250	124-2				
92.84	94.86	2.02	2.00	99	M357251	124-2				
94.86	95.86	1.00	1.00	100	M357252	124-2				
95.86	97.01	1.15	1.10	95.7	M357253	124-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357254	124-2				BLANK
97.01	98.01	1.00	1.00	100	M357255	124-2				
98.01	99.67	1.66	1.66	100	M357256	124-2				
99.67	102.72	3.05	2.96	97	M357257	124-2				
102.72	105.77	3.05	3.05	100	M357258	124-2				
					M357259	124-2				STANDARD KLAZA 3
105.77	108.81	3.04	3.05	100	M357260	124-2				
108.81	110.76	1.95	1.80	92.3	M357261	124-2				
110.76	111.77	1.01	1.00	99	M357262	124-2				
111.77	112.77	1.00	1.00	100	M357263	124-2				
112.77	113.77	1.00	1.00	100	M357264	124-2				
					M357265	124-2				BLANK
113.77	114.91	1.14	1.12	98.2	M357266	124-2				
114.91	117.96	3.05	2.90	95.1	M357267	124-2				
117.96	118.96	1.00	1.00	100	M357268	124-3				
118.96	119.96	1.00	1.00	100	M357269	124-3				
119.96	122.70	2.74	2.74	100	M357270	124-3				
122.70	123.96	1.26	1.26	100	M357271	124-3				
123.96	127.00	3.04	3.00	98.7	M357272	124-3				
					M357273	124-3				COARSE REJECT DUPLICATE
127.00	130.00	3.00	3.00	100	M357274	124-3				
130.00	133.05	3.05	3.00	98.4	M357275	124-3				
133.05	134.60	1.55	1.50	96.8	M357276	124-3				
134.60	135.64	1.04	1.00	96.2	M357277	124-3				
135.64	138.64	3.00	3.00	100	M357278	124-3				
					M357279	124-3				STANDARD KLAZA 3
138.64	140.48	1.84	1.83	99.5	M357280	124-3				
140.48	141.50	1.02	1.00	98	M357281	124-3				
141.50	142.57	1.07	1.00	93.5	M357282	124-3				
142.57	143.57	1.00	1.00	100	M357283	124-3				
					M357284	124-3				BLANK
143.57	145.39	1.82	1.82	100	M357285	124-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
145.39	148.44	3.05	3.00	98.4	M357286	124-3				
148.44	151.49	3.05	3.00	98.4	M357287	124-3				
151.49	154.53	3.04	3.02	99.3	M357288	124-3				
154.53	157.58	3.05	3.05	100	M357289	124-3				
					M357290	124-3				KLAZA 2
157.58	158.58	1.00	1.00	100	M357291	124-3				
158.58	159.58	1.00	1.00	100	M357292	124-3				
159.58	160.87	1.29	1.25	96.9	M357293	124-3				
160.87	162.00	1.13	1.06	93.8	M357294	124-3				
					M357295	124-3				BLANK
162.00	163.00	1.00	1.00	100	M357296	124-3				
163.00	164.58	1.58	1.56	98.7	M357297	124-3				
164.58	166.73	2.15	2.05	95.3	M357298	124-3				
166.73	167.73	1.00	1.00	100	M357299	124-3				
					M357300	124-3				1/4 DUPLICATE
167.73	169.06	1.33	1.33	100	M357301	124-3				
169.06	170.06	1.00	1.00	100	M357302	124-3				
170.06	172.82	2.76	2.71	98.2	M357303	124-3				
172.82	175.87	3.05	3.05	100	M357304	124-4				
175.87	178.92	3.05	3.05	100	M357305	124-4				
178.92	181.97	3.05	2.98	97.7	M357306	124-4				
181.97	184.39	2.42	2.42	100	M357307	124-4				
					M357308	124-4				STANDARD KLAZA 3
184.39	185.39	1.00	1.00	100	M357309	124-4				
185.39	187.60	2.21	2.17	98.2	M357310	124-4				
187.60	189.32	1.72	1.72	100	M357311	124-4				
189.32	190.35	1.03	1.00	97.1	M357312	124-4				
					M357313	124-4				STANDARD KLAZA 2
190.35	192.76	2.41	2.37	98.3	M357314	124-4				
192.76	193.76	1.00	1.00	100	M357315	124-4				
					M357316	124-4				BLANK
193.76	195.50	1.74	1.72	98.9	M357317	124-4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
195.50	196.50	1.00	1.00	100	M357318	124-4				
196.50	197.50	1.00	1.00	100	M357319	124-4				
197.50	198.55	1.05	1.00	95.2	M357320	124-4				
198.55	200.08	1.53	1.53	100	M357321	124-4				
200.08	202.94	2.86	2.75	96.2	M357322	124-4				
202.94	203.94	1.00	0.97	97	M357323	124-4				
					M357324	124-4				BLANK
203.94	204.94	1.00	1.00	100	M357325	124-4				
204.94	206.89	1.95	1.90	97.4	M357326	124-4				
206.89	207.89	1.00	1.00	100	M357327	124-4				
207.89	208.89	1.00	1.00	100	M357328	124-4				
208.89	209.95	1.06	1.06	100	M357329	124-4				
					M357330	124-4				1/4 DUPLICATE
209.95	210.95	1.00	0.96	96	M357331	124-4				
210.95	212.38	1.43	1.43	100	M357332	124-4				
212.38	213.38	1.00	1.00	100	M357333	124-4				
213.38	214.41	1.03	1.00	97.1	M357334	124-4				
214.41	215.41	1.00	1.00	100	M357335	124-4				
215.41	216.42	1.01	1.00	99	M357336	124-4				
					M357337	124-4				COARSE REJECT DUPLICATE
216.42	218.10	1.68	1.55	92.3	M357338	124-4				
218.10	219.13	1.03	1.00	97.1	M357339	124-4				
219.13	220.13	1.00	0.98	98	M357340	124-5				
220.13	221.59	1.46	1.45	99.3	M357341	124-5				
221.59	224.64	3.05	3.00	98.4	M357342	124-5				
					M357343	124-5				STANDARD KLAZA 2
224.64	226.56	1.92	1.92	100	M357344	124-5				
226.56	227.56	1.00	0.97	97	M357345	124-5				
227.56	228.56	1.00	0.99	99	M357346	124-5				
					M357347	124-5				BLANK
228.56	230.43	1.87	1.87	100	M357348	124-5				
230.43	231.75	1.32	1.28	97	M357349	124-5				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
231.75	234.64	2.89	2.72	94.1	M357350	124-5				
234.64	235.64	1.00	1.00	100	M357351	124-5				
235.64	236.83	1.19	1.19	100	M357352	124-5				
					M357353	124-5				1/4 DUPLICATE
236.83	239.88	3.05	3.05	100	M357354	124-5				
239.88	242.93	3.05	3.00	98.4	M357355	124-5				
242.93	244.68	1.75	1.73	98.9	M357356	124-5				
244.68	245.89	1.21	1.15	95	M357357	124-5				
245.89	248.89	3.00	2.90	96.7	M357358	124-5				
					M357359	124-5				COARSE REJECT DUPLICATE
248.89	251.89	3.00	2.96	98.7	M357360	124-5				
251.89	254.89	3.00	2.80	93.3	M357361	124-5				
254.89	256.89	2.00	1.98	99	M357362	124-5				
256.89	258.33	1.44	1.33	92.4	M357363	124-5				
					M357364	124-5				STANDARD KLAZA 1
258.33	260.75	2.42	2.35	97.1	M357365	124-5				
260.75	262.29	1.54	1.47	95.5	M357366	124-5				
262.29	263.59	1.30	1.27	97.7	M357367	124-5				
263.59	264.59	1.00	1.00	100	M357368	124-5				
					M357369	124-5				BLANK
264.59	266.63	2.04	1.96	96.1	M357370	124-5				
266.63	268.29	1.66	1.60	96.4	M357371	124-5				
268.29	269.29	1.00	1.00	100	M357372	124-5				
269.29	271.63	2.34	2.30	98.3	M357373	124-5				
271.63	273.40	1.77	1.74	98.3	M357374	124-5				
273.40	276.45	3.05	2.99	98	M357375	124-5				
276.45	278.86	2.41	2.39	99.2	M357376	124-6				
278.86	279.86	1.00	1.00	100	M357377	124-6				
279.86	281.90	2.04	2.04	100	M357378	124-6				
281.90	283.77	1.87	1.86	99.5	M357379	124-6				
283.77	285.60	1.83	1.80	98.4	M357380	124-6				
					M357381	124-6				1/4 DUPLCIATE

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
285.60	286.90	1.30	1.30	100	M357382	124-6				
286.90	288.64	1.74	1.72	98.9	M357383	124-6				
					M357384	124-6				STANDARD KLAZA 2
288.64	289.64	1.00	1.00	100	M357385	124-6				
289.64	291.78	2.14	2.05	95.8	M357386	124-6				
291.78	292.91	1.13	1.13	100	M357387	124-6				
					M357388	124-6				BLANK
292.91	293.91	1.00	1.00	100	M357389	124-6				
293.91	294.91	1.00	0.99	99	M357390	124-6				
294.91	295.91	1.00	1.00	100	M357391	124-6				
295.91	297.79	1.88	1.80	95.7	M357392	124-6				
					M357393	124-6				COARSE REJECT DUPLICATE
297.79	300.84	3.05	2.96	97	M357394	124-6				
300.84	303.89	3.05	3.05	100	M357395	124-6				
303.89	306.93	3.04	3.04	100	M357396	124-6				
306.93	309.98	3.05	3.03	99.3	M357397	124-6				
309.98	312.04	2.06	2.06	100	M357398	124-6				
312.04	314.36	2.32	2.21	95.3	M357399	124-6				
					M357400	124-6				BLANK
314.36	316.08	1.72	1.72	100	M357401	124-6				
316.08	319.13	3.05	3.05	100	M357402	124-6				
319.13	322.17	3.04	2.78	91.4	M357403	124-6				
322.17	323.17	1.00	1.00	100	M357404	124-6				
323.17	324.65	1.48	1.30	87.8	M357405	124-6				
324.65	327.35	2.70	2.67	98.9	M357406	124-6				
					M357407	124-6				STANDARD KLAZA 2
327.35	329.49	2.14	1.99	93	M357408	124-6				
329.49	330.59	1.10	1.10	100	M357409	124-6				
330.59	331.59	1.00	1.00	100	M357410	124-6				
331.59	332.59	1.00	1.00	100	M357411	124-7				
332.59	334.37	1.78	1.52	85.4	M357412	124-7				
334.37	337.41	3.04	2.97	97.7	M357413	124-7				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357414	124-7				COARSE REJECT DUPLICATE
337.41	340.46	3.05	3.03	99.3	M357415	124-7				
340.46	343.51	3.05	3.05	100	M357416	124-7				
343.51	346.56	3.05	3.00	98.4	M357417	124-7				EOH

PROPERTY NAME

DH-KL-12-124 **Tech Name: LIZ BUECKERT** **Date: AUG 31ST 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
4.57	8.23	3.66	3.00	82	0.38	10		1	0s	3w	
8.23	11.28	3.05	2.87	94	0.81	27		2	0s	2w	
11.28	14.33	3.05	2.78	91	1.84	60		1	0s	3w	
14.33	17.37	3.04	3.00	99	2.01	66		2	3s	2w	
17.37	20.42	3.05	3.00	98	2.37	78		1	0s	4w	
20.42	23.47	3.05	3.00	98	2.30	75		1	3s	3w	
23.47	26.51	3.04	3.00	99	1.90	62		2	3s	2w	
26.51	29.56	3.05	2.86	94	1.48	49		1	0s	3w	
29.56	32.61	3.05	2.98	98	2.04	67		2	3s	2w	
32.61	35.66	3.05	3.00	98	2.06	68		2	3s	3w	
35.66	38.71	3.05	2.98	98	1.61	53		2	3s	2w	
38.71	41.76	3.05	2.77	91	1.62	53		2	3s	2w	
41.76	44.81	3.05	2.81	92	1.84	60		1	0s	4w	
44.81	47.85	3.04	3.05	100	2.38	78		2	3s	2w	
47.85	50.90	3.05	2.82	92	1.74	57		2	3s	2w	
50.90	53.95	3.05	2.99	98	2.34	77		2	4s	2w	
53.95	56.99	3.04	2.91	96	2.56	84		2	4s	2w	
56.99	60.05	3.06	2.92	95	2.82	92		2	3s	1w	
60.05	63.07	3.02	2.99	99	2.35	78		2	3s	1w	
63.07	66.14	3.07	3.02	98	2.47	80		1	3s	3w	
66.14	69.19	3.05	3.05	100	2.84	93		2	3s	2w	
69.19	72.24	3.05	2.84	93	1.94	64		2	1s	2w	
72.24	75.29	3.05	2.88	94	1.41	46		2	3S	2W	
75.29	78.34	3.05	3.02	99	2.91	95		2	3S	2W	
78.34	81.38	3.04	3.05	100	2.60	86		2	3S	2W	
81.38	84.43	3.05	2.98	98	2.45	80		2	0S	2W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
84.43	87.48	3.05	3.04	100	2.41	79		2	3S	1W	
87.48	90.53	3.05	3.05	100	2.90	95		2	3S	2W	
90.53	93.57	3.04	2.93	96	2.50	82		2	3S	2W	
93.57	96.62	3.05	2.93	96	2.45	80		2	3S	1W	
96.62	99.67	3.05	3.00	98	2.14	70		2	3S	1W	
99.67	102.72	3.05	3.00	98	2.53	83		2	3S	1W	
102.72	105.77	3.05	2.93	96	2.58	85		2	3S	1W	
105.77	108.81	3.04	3.00	99	2.30	76		2	3S	1W	
108.81	111.86	3.05	3.00	98	1.49	49		2	3S	1W	
111.86	114.91	3.05	2.91	95	2.01	66		2	3S	1W	
114.91	117.96	3.05	3.05	100	1.87	61		2	1S	2W	
117.96	121.00	3.04	2.75	90	2.05	67		2	1S	2W	
121.00	124.05	3.05	2.95	97	2.13	70		2	3S	2W	
124.05	127.10	3.05	2.90	95	2.38	78		2	3S	2W	
127.10	130.15	3.05	2.97	97	2.42	79		2	3S	2W	
130.15	133.20	3.05	2.98	98	2.68	88		2	3S	2W	
133.20	136.25	3.05	3.01	99	2.26	74		2	3S	2W	
136.25	139.29	3.04	2.91	96	2.48	82		2	3S	2W	
139.29	142.34	3.05	2.91	95	2.80	92		2	3S	1W	
142.34	145.39	3.05	2.98	98	2.75	90		2	3S	1W	
145.39	148.44	3.05	3.00	98	2.40	79		2	3S	1W	
148.44	151.49	3.05	2.97	97	2.65	87		2	4S	1W	
151.49	154.53	3.04	2.98	98	2.94	97		2	3S	1W	
154.53	157.58	3.05	2.93	96	2.34	77		2	4S	1W	
157.58	160.63	3.05	2.98	98	2.02	66		2	3S	3W	
160.63	163.68	3.05	2.92	96	2.40	79		1	3S	2W	
163.68	166.73	3.05	3.00	98	2.59	85		2	3S	2W	
166.73	169.77	3.04	3.05	100	2.55	84		2	4S	1W	
169.77	172.82	3.05	3.05	100	2.49	82		2	1S	1W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
172.82	175.87	3.05	2.95	97	2.27	74		2	3S	1W	
175.87	178.92	3.05	2.94	96	1.85	61		2	3S	1W	
178.92	181.97	3.05	2.88	94	2.61	86		2	2S	2W	
181.97	185.01	3.04	2.89	95	1.17	38		1	3S	3W	
185.01	188.06	3.05	2.91	95	2.59	85		2	3S	1W	
188.06	191.11	3.05	3.00	98	2.60	85		2	3S	2W	
191.11	194.16	3.05	3.02	99	2.67	88		2	3S	1W	
194.16	197.21	3.05	3.05	100	2.66	87		2	2S	1W	
197.21	200.25	3.04	3.03	100	2.58	85		2	1S	1W	
200.25	203.30	3.05	3.02	99	1.85	61		2	3S	2W	
203.30	206.35	3.05	3.05	100	2.76	90		2	3S	1W	
206.35	209.40	3.05	2.95	97	2.37	78		2	2S	1W	
209.40	212.45	3.05	3.02	99	2.04	67		2	2S	1W	
212.45	215.50	3.05	2.82	92	2.10	69		2	3S	1W	
215.50	218.54	3.04	3.00	99	1.57	52		2	1S	1W	
218.54	221.59	3.05	3.02	99	1.89	62		2	1S	1W	
221.59	224.64	3.05	2.97	97	2.74	90		2	3S	1W	
224.64	227.69	3.05	3.05	100	2.36	77		2	1S	1W	
227.69	230.73	3.04	3.03	100	2.18	72		2	0S	1W	
230.73	233.78	3.05	2.93	96	2.93	96		2	3S	1W	
233.78	236.83	3.05	3.00	98	2.31	76		2	1S	1W	
236.83	239.88	3.05	2.99	98	2.61	86		2	3S	1W	
239.88	242.93	3.05	3.05	100	2.57	84		2	3S	1W	
242.93	245.97	3.04	2.95	97	2.34	77		2	3S	1W	
245.97	249.02	3.05	3.90	128	2.29	75		2	3S	1W	
249.02	252.07	3.05	2.96	97	2.78	91		2	3S	1W	
252.07	255.11	3.04	3.00	99	1.40	46		2	2S	1W	
255.11	258.16	3.05	2.90	95	2.86	94		2	2S	1W	
258.16	261.21	3.05	2.95	97	2.68	88		2	2S	1W	
261.21	264.26	3.05	2.91	95	2.64	87		2	3S	2W	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
264.26	267.31	3.05	3.05	100	2.19	72		2	0S	1W	
267.31	270.35	3.04	3.03	100	2.05	67		2	1S	2W	
270.35	273.40	3.05	3.05	100	2.72	89		2	3S	2W	
273.40	276.45	3.05	2.98	98	2.46	81		2	3S	1W	
276.45	279.50	3.05	2.98	98	2.98	98		2	3S	1W	
279.50	282.55	3.05	3.03	99	2.29	75		2	3S	1W	
282.55	285.60	3.05	3.01	99	2.31	76		2	3S	0	
285.60	288.64	3.04	3.04	100	2.75	90		2	3S	2W	
288.64	291.70	3.06	2.83	92	2.30	75		2	3S	2W	
291.70	294.74	3.04	2.96	97	2.14	70		1	3S	1W	
294.74	297.79	3.05	3.01	99	2.70	89		2	1S	1W	
297.79	300.84	3.05	2.98	98	1.80	59		2	3S	2W	
300.84	303.89	3.05	3.05	100	2.34	77		2	2S	2w	
303.89	306.93	3.04	2.95	97	2.15	71		2	3S	2W	
306.93	309.98	3.05	3.03	99	1.67	55		2	3S	2w	
309.98	313.03	3.05	3.02	99	2.27	74		1	0S	3W	
313.03	316.08	3.05	2.82	92	2.37	78		2	1S	2W	
316.08	319.13	3.05	2.93	96	2.01	66		1	3S	2w	
319.13	322.17	3.04	2.57	85	1.40	46		1	2s	2W	
322.17	325.22	3.05	2.90	95	1.52	50		1	2s	0W	
325.22	328.27	3.05	2.86	94	1.55	51		1	2s	3W	
328.27	331.32	3.05	2.88	94	2.02	66		2	2s	1W	
331.32	334.37	3.05	2.86	94	2.15	70		2	4s	1W	
334.37	337.42	3.05	2.92	96	2.22	73		2	3s	1W	
337.42	340.46	3.04	2.81	92	2.20	72		2	2s	2w	
340.46	343.51	3.05	3.05	100	2.95	97		2	3s	1W	
343.51	346.51	3.00	2.96	99	2.52	84		2	3s	1W	
	EOH @ 346.51										

PROPERTY NAME

Hole: DDH-KL-12-124 **Tech Name:** Liz Bueckert **Date:** **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
4.57	8.23		65.00	0.12	2.00	1.00	2R	2W	
8.23	11.28		55.00	0.23	0.00	1.00	2R	2W	
11.28	14.33		0.00	0.00	10.00	0.00	0.00	0.00	
14.33	17.37		0.00	0.00	0.00	0.00	0.00	0.00	
17.37	20.42		0.00	0.00	0.00	0.00	0.00	0.00	
20.42	23.47		0.00	0.00	0.00	0.00	0.00	0.00	
23.47	26.51		0.00	0.00	0.00	0.00	0.00	0.00	
26.51	29.56		0.00	0.00	0.00	0.00	0.00	0.00	
29.56	32.61		0.00	0.00	0.00	0.00	0.00	0.00	
32.61	35.66		40.00	0.35	0.00	1.00	1R	2W	
35.66	38.71		0.00	0.00	0.00	0.00	0.00	0.00	
38.71	41.76		30.00	0.22	0.00	2.00	3R	2W	
41.76	44.81		45.00	0.10	0.00	3.00	3R	2W	
44.81	47.85		80.00	0.12	0.00	1.00	1R	1W	
47.85	50.90		75.00	0.28	0.00	1.00	1R	2W	
50.90	53.95		0.00	0.00	0.00	0.00	0.00	0.00	
53.95	56.99		0.00	0.00	0.00	0.00	0.00	0.00	
56.99	60.05		0.00	0.00	0.00	0.00	0.00	0.00	
60.05	63.07		60.00	0.40	0.00	1.00	2R	2W	
63.07	66.14		0.00	0.00	0.00	0.00	0.00	0.00	
66.14	69.19		60.00	0.50	0.00	2.00	2R	2W	
69.19	72.24		50.00	0.03	0.00	2.00	3R	2W	
72.24	75.29		85.00	0.11	0.00	2.00	2R	2W	
75.29	78.34		0.00	0.00	0.00	0.00	0.00		
78.34	81.38		0.00	0.00	0.00	0.00	0.00		
81.38	84.43		60.00	0.65	0.00	1.00	1R	1W	
84.43	87.48		40.00	0.20	0.00	2.00	2R	1W	

PROPERTY NAME

87.48	90.53		0.00	0.00	0.00	0.00			
90.53	93.57		0.00	0.00	0.00	0.00			
93.57	96.62		55.00	0.70	0.00	2.00	2R	1W	
96.62	99.67		60.00	0.28	0.00	2.00	2R	1W	
99.67	102.72		0.00						
102.72	105.77		0.00	0.00	0.00	0.00	0.00	0.00	
105.77	108.81		60.00	0.20	0.00	2.00	2R	2W	
108.81	111.86		0.00	0.00	0.00	0.00	0.00	0.00	
111.86	114.91		0.00	0.00	0.00	0.00	0.00	0.00	
114.91	117.96		60.00	0.25	0.00	2.00	2R	2W	
117.96	121.00		0.00	0.00	0.00	0.00	0.00	0.00	
121.00	124.05		55.00	0.59	0.00	1.00	1R	1W	
124.05	127.10		60.00	0.68	0.00	2.00	1R	1W	
127.10	130.15		60.00	0.75	0.00	2.00	1R	1W	
130.15	133.20		0.00	0.00	0.00	0.00	0.00	0.00	
133.20	136.25		0.00	0.00	0.00	0.00	0.00	0.00	
136.25	139.29		0.00	0.00	0.00	0.00	0.00	0.00	N
139.29	142.34		0.00						
142.34	145.39		0.00						
145.39	148.44		0.00						
148.44	151.49		40.00	0.30	0.00	2.00	2R	2W	
151.49	154.53		45.00	1.30	0.00	1.00	1R	1W	
154.53	157.58		0.00	0.00	0.00	0.00	0.00		
157.58	160.63		0.00	0.00	0.00	0.00	0.00		
160.63	163.68		0.00	0.00	0.00	0.00	0.00		
163.68	166.73		0.00	0.00	0.00	0.00	0.00	0.00	
166.73	169.77		60.00	0.30	0.00	1.00	2R	2W	
169.77	172.82		60.00	0.40	0.00	2.00	2R	2W	
172.82	175.87		75.00	0.25	0.00	2.00	2R	2W	
175.87	178.92		75.00	0.33	0.00	2.00	2R	1W	
178.92	181.97		0.00						
181.97	185.01		55.00	0.46	0.00	2.00	2R	2W	
185.01	188.06		60.00	0.21	0.00	1.00	2R	2W	
188.06	191.11		0.00						
191.11	194.16		60.00	0.12	0.00	2.00	3R	2W	
194.16	197.21		60.00	0.28	0.00	2.00	3R	1W	
197.21	200.25		60.00	0.30	0.00	2.00	3R	1W	
200.25	203.30		60.00	0.30	0.00	2.00	3R	1W	

PROPERTY NAME

203.30	206.35		0.00						
206.35	209.40		45.00	0.48	0.00	1.00	2R	1W	
209.40	212.45		60.00	0.11	0.00	1.00	3R	2W	
212.45	215.50		60.00	0.08	0.00	1.00	3R	2W	
215.50	218.54		60.00	0.15	0.00	1.00	2R	1W	
218.54	221.59		0.00						
221.59	224.64		60.00	0.45	0.00	1.00	2R	1W	
224.64	227.61		0.00						
227.61	230.73		50.00	0.32	0.00	3.00	3R	2W	
230.73	233.78		60.00	0.55	0.00	1.00	2R	2W	
233.78	236.83		60.00	0.30	0.00	1.00	2R	1W	
236.83	239.88		0.00						
239.88	242.93		0.00						
242.93	245.97		0.00						
245.97	249.02		0.00						
249.02	252.07		60.00	0.26	0.00	1.00	2R	1W	
252.07	255.11		0.00						
255.11	258.16		45.00	0.45	0.00	2.00	3R	1W	
258.16	261.21		35.00	0.73	0.00	2.00	3R	1W	
261.21	264.26		0.00						
264.26	267.31		0.00						
267.31	270.35		75.00	0.22	0.00	2.00	3R	1W	
270.35	273.40		75.00	0.13	0.00	1.00	2R	1W	
273.40	276.45		75.00	0.36	0.00	1.00	2R	2W	
276.45	279.50		60.00	0.46	0.00	1.00	2R	1W	
279.50	282.55		55.00	0.32	0.00	1.00	2R	1W	
282.55	285.60		0.00						
285.60	288.64		45.00	0.16	0.00	2.00	2R	2W	
288.64	291.70		60.00	0.25	0.00	1.00	2R	2W	
291.70	294.74		65.00	0.33	2.50	1.00	2R	1W	
294.74	297.79		60.00	0.19	0.00	1.00	2R	1W	
297.79	300.84		60.00	0.15	0.00	2.00	2R	2W	
300.84	303.89		0.00						
303.89	306.93		60.00	0.06	0.00	1.00	2R	2W	
306.93	309.98		0.00						
309.98	313.03		55.00	0.45	1.00	2.00	2R	3W	
313.03	316.08		65.00	0.12	0.00	2.00	2R	2W	
316.08	319.13		0.00						

PROPERTY NAME

319.13	322.17		60.00	0.10	0.00	1.00	2R	2W	
322.17	325.22		0.00						
325.22	328.27		60.00	0.11	0.00	2.00	2R	3W	
328.27	331.32		60.00	0.55	0.00	2.00	2R	1W	
331.32	334.37		60.00	0.23	0.00	2.00	2R	1W	
334.37	337.42		65.00	0.52	0.00	1.00	2R	1W	
337.42	340.46		0.00						
340.46	343.51		0.00						
343.51	346.51		60.00	0.12	0.00	1.00	2R	1W	
	EOH @ 346.51								

PROPERTY NAME

Hole: DDH-KL-12-124 Date: August 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00	0.23	
6.00		
7.00	0.14	
8.00	0.10	
9.00	0.82	
10.00	0.20	
11.00	4.44	
12.00	0.43	
13.00	0.69	
14.00	0.67	
15.00	0.12	
16.00	3.47	
17.00	3.98	
18.00	4.55	
19.00	0.12	
20.00	0.64	
21.00	0.56	
22.00	10.10	
23.00	14.10	
24.00	10.40	
25.00	2.79	
26.00	5.27	
27.00	2.00	
28.00	2.36	
29.00	7.44	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	2.30	
31.00	1.28	
32.00	6.14	
33.00	3.14	
34.00	12.60	
35.00	12.70	
36.00	10.80	
37.00	3.01	
38.00	0.07	
39.00	8.27	
40.00	1.59	
41.00	0.23	
42.00	0.23	
43.00	1.00	
44.00	2.69	
45.00	0.34	
46.00	1.33	
47.00	0.21	
48.00	3.42	
49.00	0.27	
50.00	0.45	
51.00	0.20	
52.00	3.36	
53.00	10.40	
54.00	4.41	
55.00	16.70	
56.00	9.20	
57.00	6.89	
58.00	7.64	
59.00	13.00	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.43	
61.00	19.70	
62.00	0.42	
63.00	1.62	
64.00	0.21	
65.00	1.66	
66.00	2.85	
67.00	0.82	
68.00	0.80	
69.00	0.43	
70.00	0.84	
71.00	1.70	
72.00	0.62	
73.00	2.89	
74.00	4.57	
75.00	6.09	
76.00	20.30	
77.00	18.40	
78.00	4.64	
79.00	14.80	
80.00	14.50	
81.00	18.20	
82.00	0.51	
83.00	0.12	
84.00	1.83	
85.00	18.00	
86.00	10.50	
87.00	16.50	
88.00	18.20	
89.00	17.80	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	16.40	
91.00	18.30	
92.00	0.03	
93.00	3.75	
94.00	1.20	
95.00	0.12	
96.00	17.40	
97.00	0.38	
98.00	4.72	
99.00	17.40	
100.00	21.61	
101.00	5.72	
102.00	5.14	
103.00	3.25	
104.00	16.10	
105.00	13.10	
106.00	8.39	
107.00	10.40	
108.00	11.10	
109.00	4.20	
110.00	0.40	
111.00	0.62	
112.00	1.02	
113.00	0.21	
114.00	0.18	
115.00	0.29	
116.00	5.45	
117.00	6.51	
118.00	0.68	
119.00	0.23	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.22	
121.00	15.40	
122.00	18.10	
123.00	5.52	
124.00	5.80	
125.00	17.20	
126.00	18.30	
127.00	17.30	
128.00	19.60	
129.00	9.69	
130.00	20.30	
131.00	15.20	
132.00	12.20	
133.00	7.88	
134.00	5.19	
135.00	0.16	
136.00	10.30	
137.00	14.60	
138.00	3.93	
139.00	18.10	
140.00	16.70	
141.00	0.47	
142.00	11.80	
143.00	1.22	
144.00	6.84	
145.00	1.77	
146.00	6.84	
147.00	0.36	
148.00	2.30	
149.00	14.70	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	1.62	
151.00	5.98	
152.00	7.68	
153.00	13.80	
154.00	11.90	
155.00	1.90	
156.00	21.70	
157.00	7.57	
158.00	5.96	
159.00	12.20	
160.00	0.34	
161.00	0.47	
162.00	0.23	
163.00	14.70	
164.00	12.10	
165.00	9.07	
166.00	2.37	
167.00	0.34	
168.00	0.91	
169.00	0.78	
170.00	0.21	
171.00	0.87	
172.00	0.05	
173.00	0.14	
174.00	0.18	
175.00	0.12	
176.00	0.14	
177.00	0.23	
178.00	0.14	
179.00	0.23	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.10	
181.00	0.09	
182.00	0.16	
183.00	0.49	
184.00	0.23	
185.00	0.18	
186.00	0.60	
187.00	0.20	
188.00	0.16	
189.00	0.10	
190.00	0.60	
191.00	0.20	
192.00	0.29	
193.00	0.18	
194.00	0.60	
195.00	3.11	
196.00	0.47	
197.00	0.10	
198.00	0.53	
199.00	0.43	
200.00	2.01	
201.00	0.14	
202.00	0.56	
203.00	0.61	
204.00	0.20	
205.00	14.10	
206.00	0.53	
207.00	0.09	
208.00	0.40	
209.00	0.45	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.18	
211.00	1.02	
212.00	0.10	
213.00	0.20	
214.00	2.72	
215.00	0.64	
216.00	0.25	
217.00	0.41	
218.00	0.62	
219.00	0.31	
220.00	0.27	
221.00	26.00	
222.00	19.20	
223.00	21.40	
224.00	16.90	
225.00	13.30	
226.00	0.34	
227.00	2.15	
228.00	0.54	
229.00	13.00	
230.00	4.48	
231.00	1.50	
232.00	0.60	
233.00	19.30	
234.00	8.54	
235.00	6.31	
236.00	7.62	
237.00	17.90	
238.00	17.80	
239.00	8.03	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	20.10	
241.00	23.20	
242.00	15.80	
243.00	12.30	
244.00	0.34	
245.00	0.25	
246.00	0.01	
247.00	0.42	
248.00	14.00	
249.00	9.02	
250.00	0.89	
251.00	0.32	
252.00	0.27	
253.00	0.27	
254.00	0.05	
255.00	0.21	
256.00	0.27	
257.00	0.29	
258.00	0.45	
259.00	0.05	
260.00	0.10	
261.00	0.20	
262.00	0.87	
263.00	0.38	
264.00	0.25	
265.00	0.36	
266.00	0.40	
267.00	0.64	
268.00	0.31	
269.00	0.01	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.25	
271.00	1.07	
272.00	0.21	
273.00	1.42	
274.00	3.11	
275.00	14.60	
276.00	0.53	
277.00	5.05	
278.00	1.99	
279.00	0.49	
280.00	0.25	
281.00	0.32	
282.00	0.40	
283.00	0.53	
284.00	0.62	
285.00	0.71	
286.00	0.78	
287.00	0.61	
288.00	0.26	
289.00	1.50	
290.00	0.45	
291.00	0.21	
292.00	0.14	
293.00	0.32	
294.00	0.01	
295.00	0.31	
296.00	0.41	
297.00	0.23	
298.00	0.73	
299.00	3.18	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	8.10	
301.00	0.27	
302.00	0.47	
303.00	19.50	
304.00	0.09	
305.00	1.26	
306.00	14.50	
307.00	0.69	
308.00	19.50	
309.00	22.30	
310.00	0.78	
311.00	8.47	
312.00	3.18	
313.00	0.29	
314.00	2.25	
315.00	22.40	
316.00	19.40	
317.00	7.32	
318.00	4.11	
319.00	2.39	
320.00	1.33	
321.00	2.17	
322.00	0.56	
323.00	0.36	
324.00	0.45	
325.00	0.78	
326.00	0.51	
327.00	0.23	
328.00	0.34	
329.00	0.10	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.29	
331.00	0.31	
332.00	0.38	
333.00	0.16	
334.00	0.65	
335.00	10.40	
336.00	0.21	
337.00	17.60	
338.00	26.00	
339.00	17.60	
340.00	15.50	
341.00	13.70	
342.00	11.60	
343.00	9.84	
344.00	7.28	
345.00	12.20	
346.00	17.80	

EOH @ 346.56

PROPERTY NAME

Hole: DDH-KL-12-124 **Date: AUG 31 2012**

Box #	From (m)	To (m)
1	4.57	10.60
2	10.60	16.02
3	16.02	21.78
4	21.78	27.15
5	27.15	32.61
6	32.61	38.23
7	38.23	44.60
8	44.60	49.48
9	49.48	55.21
10	55.21	60.82
11	60.82	66.36
12	66.36	72.00
13	72.00	77.43
14	77.43	82.89
15	82.89	88.32
16	88.32	93.83
17	93.83	99.29
18	99.29	104.73
19	104.73	110.02
20	110.02	115.38
21	115.38	120.83
22	120.83	126.14
23	126.14	133.44
24	133.44	136.97
25	136.97	142.51
26	142.51	148.03
27	148.03	153.57
28	153.57	160.26
29	160.26	164.88

PROPERTY NAME

30	164.88	170.57
31	170.57	176.26
32	176.26	181.97
33	181.97	187.38
34	187.38	193.20
35	193.20	198.97
36	198.97	204.52
37	204.52	215.17
38	209.95	215.17
39	215.17	221.32
40	221.32	225.78
41	225.78	230.98
42	230.98	263.67
43	263.67	242.09
44	242.09	247.62
45	247.62	253.02
46	253.02	258.28
47	258.28	264.18
48	264.18	270.72
49	270.72	275.38
50	275.38	282.05
51	282.05	286.80
52	286.80	292.40
53	292.40	298.10
54	298.10	303.55
55	303.55	308.70
56	308.70	314.20
57	314.20	319.20
58	319.20	324.78
59	324.78	329.77
60	329.77	335.32
61	335.32	340.99
62	340.99	346.56
		EOH @ 346.56

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			382570.47	6890441.8	1354.001	316.08

ZONE: BRX

SECTION: BRX 11+000 Me

HOLE: DDH-KL-12-125

CLAIM:

Contractor: Elite

Drill: A5

Core size: BTW Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: ?

TARGET:

Geology logged by:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
17.3736	36.7	-50.5	Ranger	127.1016	39	-50.8	Ranger
41.7576	38.3	-50.2	Ranger	157.5816	39.7	-51.1	Ranger
66.1416	39.2	-50.4	Ranger	218.5416	39.3	-51.2	Ranger
90.5256	39.1	-50.5	Ranger	273.4056	41.7	-51.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.10	6.10	OVB	No recovery.
6.10	20.42	14.32	FEL	quartz feldspar porphyry dyke.
20.42	36.71	16.29	GRD	Altered granodiorite with string veining producing
				phyllic altered envelopes. Sulphide mineralization
				stringest on dyke selvages.
36.71	66.33	29.62	FEL	quartz feldspar porphyry dyke.
66.33	86.44	20.11	GRD	Stringly altered granodiorite in a quartz vein zone.
				veins host abundant sulphides and are associated
				with branching quartz stringers.
86.44	99.67	13.23	FEL	quartz feldspar porphyry dyke.
99.67	203.94	104.27	GRD	Strongly altered granodiorite going in and out of inten
				vein zones with string sulphide mineralization and
				less frequent quartz veinlet zones.
203.94	225.17	21.23	FEL	quartz feldspar porphyry dyke.
225.17	297.79	72.62	GRD	Strongly oxidized and veined granodiorite at dyke
				selvage grading into moderate to weakly altered
				granodiorite at base of hole.

SAMPLES

Numbers: M357418 - M357624

Total: 207

Batch: 125-1 - 125-6

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-125 **Logger Name:** 0 **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	6.10	6.10																			NQ core
0.00	20.42	20.42				LKqP	FEL		MD	GY	PO	5									Quartz feldspar porphyry dyke. Plagioclase phyric (rounded) in red grey crystalline matrix. Looks silicious but is soft. Stronger pervasive oxidation (m scale) zones.stockwork black stringers common throughout.
										OR	PA										
			0.00	3.05	3.05							5									Core is muddy rubble.
			20.42	20.42		LKqP	FEL					5									Oxidized gouge - coarse grained grit in clay fault.
20.42	36.71	16.29				mKgW	GRD	MG	LT	GN	PA	4		PHI	3						Granodiorite - variably phyllic/propylitic altered, moderate pervasive oxidation forms 10-200 cm zones.
										YL				PRO	2						
			20.42	27.22	6.80	mKgW	GRD	MG				3		PHI	3						Patchy phyllic > propylitic alteration. Interval defined by medium-strong pervasive alteration.
														PRO	2						
			27.22	36.71	9.49	mKgW	GRD	MG	MD	GY	PA	4		PRO	3						Propylitic alteration with 1 m zone of argillic alteration and phyllic envelopes around veining (see secondary log). Core locally oxidized (pervasive, moderate).
										WH				ARG	3						
														PHI	5						
36.71	57.73	21.02				LKqP	FEL		LT	BN	PO	3									Quartz feldspar porphyry dyke. Red to grey-green-brown plagioclase phyric (coarse grained - very coarse grained) porphyry dyke. Groundmass crystalline, minor zones of flow banding.
									LT	RD											
			51.57	57.73	6.16																20 cm, local gouge and oxidation. Oxidized fractures and local gritty gouge. Stockwork quartz stringers and veinlets.
57.73	66.33	8.60				LKqP	FEL				MA										Silicious dyke. Chlorite-plagioclase-phyric (medium grained) crystalline felsic dyke. Groundmass soft. Chilled?
66.33	86.44	20.11				mKgW	GRD	MG		WH				PHI	4						Phyllic-argillic-propylitic alteration. Zone of moderate to strong alteration sulphide mineralized veining common and associated with moderate-strong phyllic alteration. Argillic alteration dominant, followed by phyllic, propylitic alteration occurs in 60-80 cm wide zones.
									LT	GN				PRO	3						
														ARG	3						
			66.33	69.14	2.81	mKgW	GRD	MG		WH	PA			ARG	3			Gn	10		Argillic for 1 m, propylitic until the end of interval. One mineralized veinlet.
									DK	GN				PRO	3						
			69.14	73.14	4.00	mKgW	GRD	MG	LT	GN	PA			PHI	3						Phyllic alteration overprinting propylitic alteration (local) in quartz vein zone (see secondary log).
														PRO	4						
			73.14	74.76	1.62	mKgW	GRD	MG		WH	PA			ARG	3						Argillic alteration with phyllic envelopes (10-15 cm) around quartz sulphide veins.
									LT	GN											
			75.76	86.44	10.68		GRTD		DK	GN	PA			ARG	3						Argillic with phyllic and propylitic patches (60-80 cm). Mineralized vein zones present.
									LT	GN	WH			PRO	3						
														PHI	3						
86.44	99.67	13.23				LKqP	FEL		MD	GN	PO										Quartz feldspar porphyry dyke. Green-grey with red patches. Type case with plagioclase. Local gouge zone (6-15 cm). White stringers (no fizz) throughout.
									LT	RD											

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
99.67	124.57	24.90				mKgW	GRD	MG	LT	GN				PHI	4	80					Strong alteration. Meter scale zones of strong phyllic with argillic alteration and propylitic alteration, mineralized vein zones commoon. Zone is patchy light green and dark green. Locally gougey.
									DK	GN				PRO	4						
														ARG	2						
			99.67	103.45	3.78	mKgW	GRD	MG						PHI	3						Phyllic alteration in vein zone. Argillic altered "underprint".
														ARG	2						
			103.45	109.89	6.44	mKgW	GRD	MG	DK	GN	PA			PRO	4						Propylitic alteration with 60 cm phyllic envelopes associated with veining.
									LT	GN				PHI	3						
			109.89	129.57	19.68				LT	GN				PHI	5	3					Phyllic-argillic alteration 80-100 cm zone of each with patchy zones 10 cm in vein zones. Phyllic alteration overprinting. Intense phyllic alteration in main vein zone.
										WH				ARG	1						
124.57	144.08	19.51				mKgW	GRD	MG	DK	GN	MA			PRO	3						Propylitic alteration with phyllic envelopes associated with quartz veining. Carbonate stringers infrequent. Decrease in veining overall.
										PK	EN			PHI	2						
			131.34	131.73	0.39					BK	EN							Bi	75		Secondary biotite? Envelope (plagioclase phyric with black matrix - biotite is present, but this abundant?) around white quartz veinlet.
			132.20	133.20	1.00	mKgW	GRD	MG	LT	GN				PHI	3						Phyllic altered envelope associated with white quartz vein.
144.08	168.21	24.13				mKgW	GRD	MG	LT	GN	MA			PHI	5			Py	2		Zone of phyllic alteration associated with increas in veining frequency. Meter scale zones of moderate propylitic alteration present. Phyllic alteration locally intense in association with larger veins. One large vug (5 cm) with pegmattic calcite crystals. veins commonly associated with grey-black? sulphide/clay? Pyrite stringers present. see secondary log.
									DK	GN				PRO	3						
			151.49	152.49	1.00	mKgW	GRD	MG	DK	GN	MA			PRO	3						Propylitic alteration, decrease in veining.
			152.49	157.75	5.26	mKgW	GRD	MG	LT	GN	PA			PHI	5			Py	3		Phyllic alteration associated with white quartz-carbonate veining and pyrite stringers common.
			157.75	161.33	3.58	mKgW	GRD	MG	DK	GN	MA			PRO	4						Propylitic alteration with one pyrite mineralized white quartz veinlet and associated 50 cm phyllic envelope.
			161.33	168.21	6.88				LT	GN	PA			PHI	5			Py	2		Phyllic alteration. Moderate, locally intense in zones of quartz and pyrite veining. Large veins (see secondary log). Patchy argillic (gouge) alteration common.
									DK	GN				ARG	3						
168.21	172.98	4.77				mKgW	GRD	MG		WH				ARG	3						Argillic alteration with infrequent quartz-carbonate veinlets to veins.
172.98	174.90	1.92				mKgW	GRD	MG	DK	GN				PRO	4						Propylitic alteration, one carbonate stringer.
174.90	175.90	1.00				mKgW	GRD	MG		WH	MA			ARG	3						Argillic alteration/overprint on phyllic alteration.
									LT	GN											
175.90	181.48	5.58				mKgW	GRD	MG	LT	GN	WH			PHI	4						Phyllic alteration, strong/dominant with patchy propylitic (80 cm zones) and argillic (40 cm zones) alteration.
									MD	GN	MA			PRO	4						
														ARG	3						
			179.77	180.79	1.02	mKgW	GRD	MG	DK	GN				PRO	4						Propylitic alteration. Zones of very dark green.
181.48	183.76	2.28				mKgW	GRD	MG		WH	MA			ARG	3						Argillic alteration.
183.76	187.08	3.32				mKgW	GRD	MG	DK	GN				PRO	4						Strong propylitic alteration with local potassic flooding and secondary pyrite veinlets. One patch of argillic alteration (70 cm).

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
187.08	199.43	12.35							LT	GN	PA			PHI	5						Strong phyllic, locally intense with patchy (80-100 cm) zones of strong propylitic alteration. Argillic alteration commonly associated with phyllic alteration. Three large quartz veins with sulphide mineralization present. Disseminated pyrite (coarse grained) and pyrite stringers present in vein zones. grey quartz generally brecciated, one 1.5 cm quartz band is crosscut by white (milky) quartz.
									GY	WH				ARG	3						
														PRO	4						
199.43	200.62	1.19				mKgW	GRD	MG	DK	GN	MA			PRO	4						Propylitic alteration with minor patchy argillic alteration.
200.62	203.94	3.32				mKgW	GRD	MG	LT	GN	GO			PHI	3						Gougey argillic alteration with phyllic overprinting transitioning to strong phyllic alteration at 203 m.
										WH				ARG	4						
			203.00	203.94	0.94	mKgW	GRD	MG	DK	GN	BX			PHI	4						Strong phyllic alteration with local black breccia. Fractures are gougey, green/grey colour.
203.94	219.09	15.15				LKqP	FEL		LT	BN	PO										Quartz feldspar porphyry dyke. Type case.
										GN											
			214.75	216.50	1.75	LKqP	FEL		DK	GN	PO										Quartz feldspar porphyry dyke. Type case. Dark green matrix.
219.09	221.81	2.72				mKgW	GRD	MG	LT	GN				PHI	4						Strong phyllic alteration, core fractured and gougey (30-50 cm zones) argillic alteration in rubbley zones.
									MD	GN				ARG	3						
221.81	225.17	3.36				LKqP	FEL		LT	BN	PO										Quartz feldspar porphyry dyke- plagioclase phenocrysts increase in grain size (coarse grained to very coarse grained). Gouge zones common. Black sulphide veinlets occur in lower half of dyke after "chilled zone" with aphanitic texture (15 cm).
										GN											
225.17	230.51	5.34				mKgW	GRD	MG	LT	GN				PHI	5			Py	2		Strong, locally intense phyllic alteration. Disseminated pyrite throughout.
									LT	GY											
230.51	233.81	3.30				mKgW	GRD	MG	DK	GN				PRO	4						Weak silicified propylitic alteration with chlorite envelopes (4-8 cm) around infrequent quartz-carbonate stringers.
														SIL	1						
233.81	235.53	1.72				mKgW	GRD	MG		WH				ARG	3						Argillic alteration with infrequent quartz-carbonate stringers.
235.53	248.41	12.88				mKgW	GRD	MG	DK	GN				PRO							Weak silicified propylitic alteration with common quartz pyrite, pyrite veinlets.
														SIL							
248.41	256.94	8.53				mKgW	GRD	MG		WH	PA			ARG	4						Patchy strong phyllic-argillic-propylitic alteration. Core locally crumbly. Argillic alteration commonly overprints propylitic alteration. Sulphide mineralized quartz veins present.
									DK	GN				PHI	4						
														PRO	4						
														SIL	1						
256.94	274.7	17.76				mKgW	GRD	MG	DK	GN				PRO	4						Strong propylitic alteration with narrow zones of phyllic alteration associated with carbonate veinlets. Core commonly fractured/crumbly. Several pyrite-quartz veins present.
									LT	GY				PHI	3						
274.7	297.79	23.09				mKgW	GRD	MG	MD	GN	PA			ARG	3						Alternating propylitic-phyllic-argillic alteration. General decrease in alteration intensity. Propylitic alteration dominant.
									LT	GN	WH			PRO	3						
														PHI	4						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
			278.59	281.23	2.64	mKgW	GRD	MG	LT	GN				PHI	4			Py	10		Patchy phyllic>argillic alteration with narrow zone of coarse-grained disseminated pyrite on gougey core fracture. Local intense phyllic alteration.
										WH				ARG	3						
283.27	285.02	1.75				mKgW	GRD	MG	LT	GN	PA			ARG	3						Argillic>phyllic patchy alteration with pyrite stringers.
										WH				PHI	4						
286.97	289.3	2.33				mKgW	GRD	MG	LT	GN	PA			PHI	2						Moderate phyllic alteration with weak potassic overprinting.
														POT	1						
289.3	297.79	8.49				mKgW	GRD	MG	LT	GN	MA			PHI	2						Weak propylitic alteration with silica flooding; zones (10-50 cm) of weak phyllic alteration. Potassic alteration overprinting.
									LT	PK	PA			SIL	1						
														PRO	1						
														POT	1						
																					EOH @ 297.79 m.

KLAZA

Hole: DDH-KL-12-125 Logger Name: 0

Depth (m)		DESCRIPTION
20.42 m	FEL-GRD	Core rubbley and strongly oxidized - this is estimated contact only.
36.71 m	GRD-FEL	Contact oxidized and gougey.
57.73 m	FEL-Silicious dyke	Decrease in plagioclase grain size (very coarse grained to medium grained) and abundance (40 to 20 %), chlorite added, silicious dyke just looks more felsic (lighter colour).
66.33 m	Silicious dyke-GRD	30 degrees TCA. Sharp, irregular contact. Texture from medium grained plagioclase phyric to massive coarse grained brown to liime green.
86.44 m	GRD-FEL	90 degrees TCA. Minor granodiorite brecciation at contact (2 cm). Core has gougey fractures.
99.67 m	FEL-GRD	86 degrees TCA. Dyke is fine-grained (ie chilled) granodiorite is gougey weak brecciation (10 cm). Blebby pyrite present.
204.94 m	GRD-FEL	90 degrees TCA. Sharp, irregular quartz feldspar porphyry dyke porphyritic at contact. Black breccia with sulphide mineralization (40 %) for 24 cm at contact.
219.09 m	FEL-GRD	80 degrees TCA (see secondary log) for texturtes/structures. Contact sharp and planar.
221.81 m	GRD-FEL	45 degrees TCA. Sharp, rounded undulatory, dyke crosscuts massive pyrite mineralized quartz vein.
225.17 m	FEL-GRD	Sharp, gougey on both sides (weakly gougey - core still competent) black sulphide mineralization on granodiorite.

KLAZA

Hole: DDH-KL-12-125 **Logger Name:** 0 **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Ft	20.00	20.42						Fault? Oxidized gouge. Coarse grained gritty clay.	
Bx	24.12	24.20	60.00		1.00	Py	5	Silicified breccia/brecciated quartz vein. Sub angular clasts (6 mm to 1 cm) randomly orientated in grey crystalline and silica hosting blebby pyrite.	
Vt	20.42	36.71	60.00		8/m	Py	1	Quartz-pyrite, quartz-carbonate and pyrite stringers and veinlets common. Pyrite stringers associated with patches of phyllic alteration.	
	26.52		90.00		1.00			White-pink braided calcite vein.	
Vn	32.63	32.80	35.00		3.00	Py	100	Three massive pyrite veins (1 cm) offset (5 mm) by carbonate stringer. Middle vein "branches" from top vein and runs into bottom vein. 75 degrees TCA.	
Vn	33.41	33.77	0.00		4.00	PY	100	Massive coarse grained pyrite vein (2 cm) runs 0 degrees TCA for 15 cm. in footwall, massive coarse grained pyrite vein (1 cm) runs from 90 degrees TCA to 0 degrees TCA. Elbow. In hanging wall is 6 cm grey-smoky quartz vein hosting one band (1 cm) of semi-massive pyrite (20 %) and minor blebby pyrite (6 %).	
						Py	20		
Vn	34.76	35.50	55.00		3.00	Py	80	Three white quartz veins hosting blebby (10 %) to semi massive pyrite (80 %) and local intergrown black jack sphalerite.	
						Sph	10		
Vn,Bx	36.58	36.70				Py	15	White quartz vein (1 cm) and breccia zone (6 cm). Vein hosts blebby pyrite (4 %), breccia zone is silicified, matrix hosts blebby pyrite (15 %) and trace galena (1 %). Intense phyllic alteration.	
						Gn	1		
Vt	67.78		60.00		1.00	Gn	10	Quartz veinlet (6 mm) with blebby galena.	
Vn	69.67	69.83	40.00		2.00	Py	5	Two sheeted quartz veins (1 cm) hosting weak blebby pyrite mineralization.	
Vn	71.55	75.76	70.00		11.00	Py	8	Vein zone. Grey-white quartz veinlets to veins (1 mm - 1.5 cm) are frequent and sheeted and host trace to moderate disseminated pyrite.	
Vn	72.47	72.61	50.00		2.00	Py	35	Grey quartz vein (3 cm) hosting semi-massive pyrite is offset by black carbonate veinlet (1 cm offset) chlorite-carbonate veinlet runs parallel to original vein.	
Vn	76.00	76.01	90.00		1.00	Py	2	Grey quartz-pink carbonate vein (1.2 cm) with trace pyrite.	
Vt	75.76	81.06	65.00					Quartz stringers > veinlets associated with gouge seams.	
Vns	81.76	86.44	70.00		10.00	Py	4	Vein zone. Grey quartz and black sulphide veinlets and veins (3 mm -1.5 cm, 5 cm) with trace to weak pyrite mineralization.	
Vn	89.08	89.24	70.00		3.00	Py	2	Three black sulphide veins 1.2 cm with trace sulphide veins in argillic clayey zone.	
Vn	84.60	84.70	40.00		1.00			Grey quartz-milky white carbonate veining (5 cm) irregular, discontinuous bands. No sulphides.	
Vn	99.67	102.72	70.00		7.00	Py	15	Vein zone. Grey quartz veins and black sulphides (avg 1 cm) and frequent stringers and veinlets. Main vein is 5 cm thick white-grey quartz hosting blebby sphalerite and disseminated to blebby pyrite.	
Vt-St	99.67	102.72	70.00		25.00	Sph	10		
						Py	15		
Go	105.22	105.30	35.00		1.00	Py	15	Gouge zone with black sulphide vein? Hosting medium grained disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	105.42	105.60	45.00		2.00	Py	90	Massive pyrite vein with 10 % grey-pink quartz midline (6 mm thick) massive pyrite veinlet (8 mm) in hanging wall (sheeted).	
Vt	105.83	107.00	2.00		1.00	Py	4	White quartz veinlet runs along core axis, rare blebby pyrite. Veinlet is cross cut by pyrite veinlets (3-4 mm thick).	
Bx	110.40	111.64	50.00			Py	10	Blebby to semi-massive pyrite mineralization in black to grey silicious breccia and argillic and phyllic altered gouge zone. Clasts sub-angular fragments of phyllic and argillic altered granodiorite (6 - 200 mm) and grey quartz (1.2 cm). Matrix (10-80 % decreases downhole) black and grey silica. black sulphide veinlets and stringers associated with gouge zone (10 cm wide).	
						Py	45		
Vt, Vns	103.45	109.89	70-90		8.00	Py	10	Decrease in veining. Pyrite veinlets common, quartz sulphide veinlets and pyrite present. One massive pyrite vein (1.2 cm), gouge zone 20 mm associated with medium grained disseminated pyrite and black-grey sulphides. Argillic alteration dominant in this zone. narrow phyllic envelopes around veining (2-6 cm).	
						Py	100		
Vn	109.13	109.20	65.00		1.00	Py	80	White quartz vein (3.5 cm) (massive) with semi-massive pyrite (50-80 %).	
Vn/Go	117.29	122.84	60.00		3.00	Py	100	Main vein zone! Zone of intense quartz and massive pyrite veining. Quartz and pyrite veinlets frequent, massive pyrite veinlets to veins common. Semi-massive pyrite in white quartz veins common. Largest vein - 5 cm where semi-massive pyrite, black sulphide and stringy sphalerite are hosted in grey quartz. footwall is gougey and hosts black sulphide smears. one massive pyrite vein (3 cm) occurs at the bottom of the interval. one vein (2 cm) hosts semi-massive sphalerite with intergrown pyrite and trace arsenopyrite.	
						Sph	10		
Vt	117.29	122.84	60.00		10/m	Sph	30		
						As	1		
Vt	122.84	124.24	70.00		5.00	Sph	30	Sphalerite-pyrite veinlets (6 mm). Yellowish.	
Vn	123.77		50.00		1.00	Py	25	Grey quartz veins (4 cm) hosting disseminated to semi-massive pyrite.	
Vn	127.30		88.00		1.00	Py	50	White quartz vein (1 cm) with large blebs of pyrite (1 cm) associated with trace fine grained black mineral (or dark green) chlorite?	
Vn	132.82		50.00		1.00	Py	3	White quartz vein with thin banded chlorite and carbonate hosts trace disseminated pyrite.	
Vn	139.81		50.00		1.00	Py	3	White quartz vein (4 cm) with thin banded chlorite-carbonate and trace pyrite. 50 cm argillic alteration in footwall.	
Vn	144.91	145.09	70.00		1.00	Sph	20	Thick banded (1 cm) white-grey quartz and black sulphide vein hosting thin banded to blebby pyrite., crustiform sphalerite and trace galena vein 14 cm. disseminated pyrite associated with black sulphide band. Phyllic alteration intense around vein (60 cm envelope of intense).	
						Py	20		
Vn	144.08	151.39	70.00		18.00	Py	6	Vein zone. Frequent white quartz-carbonate veinlets (3-8 mm) and veins (1 cm). Local pyrite mineralization.	
Vn	152.49	157.75	70.00		13.00	Py	7	Vein zone. White quartz-quartz carbonate veinlets to veins (4 mm-1 cm), are grey quartz vein (2 cm) no mineralization, and two white quartz veinlets (9 mm) with weak sphalerite-pyrite and trace galena mineralization (157.94 m). Veins generally unmineralized.	
						Sph	5		
						Gn	1		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vts/vns	161.33	168.21	60.00		18.00	Py	80	Vein zone (mineralizaed). "Main vein" described below. Hanging wall to main vein - massive pyrite hosted in grey quartz vein (7 cm), white quartz vein (5.5 cm) hosting semi-massive pyrite; white quartz-carbonate-pyrite veinlets and veins common, pyrite veinlets common, local sphalerite-pyrite mineralization (6 % sph, 15 % py) in translucent quartz veinlets. intense phyllic alteration. footwall to main vein - white quartz vein with massive pyrite (80 %) (vein 2 cm) and zone of dense black stringers (10 cm) and also smoky quartz vein (4-5 cm) with disseminated to blebby pyrite (20 %) are proximal to the main vein, black stringers and gougey zones (2-5 cm) are distal to main vein. footwall is weak to moderately silicified for 80 cm (one vuggy milky white quartz vein with blebby pyrite (6 %) in hanging wall, distal to main vein.
						Sph	6	
Vn	166.20	166.73	55.00		1.00	Py	85	"Main Vein". Smoky-grey-pinkish white quartz vein (47 cm) with very strong massive pyrite mineralization. Uphole side of vein consists of 2 cm pinkish white quartz band followed by 10 cm zone of brecciated pinkish/white quartz in grey-smokey quartz (pyrite mineralization transitions from blebby to semi-massive). Rest of vein is grey-white-smokey quartz with massive pyrite (85 %).
Vt	175.96	179.50	70.00		8.00			Sheeted white quartz-carbonate veinlets present at vein walls.
Vt	178.70	178.93	75.00		3.00	Sph	6	Three smokey-white quartz veinlets hosting intergrown sphalerite-pyrite. Vein zone is vuggy (1 cm).
						Py	6	
Vn	181.00	181.36	70.00		2.00	Py	85	Two sheeted white quartz veins (5 cm, 7 cm) hosting strong massive pyrite mineralization (and trace chalcopyrite mineralization). Chalcopyrite intergrown with pyrite.
						Py	70	
						Cp	4	
Vn	183.76		70.00		1.00	Py	100	Massive pyrite vein (2 cm).
Vt	184.32	185.01	20.00		2.00	Py	100	Massive pyrite veinlets (2) at low angle to core axis.
Vn	188.26	188.83	20.00		2.00	Py	6	Two veins. Upper - 3-4 black stringers in silica flooded zone. Trace to blebby pyrite (6 %) in vein. Vein 3.5 cm thick. Lower - grey-white quartz vein (2 cm) with semi-massive pyrite midline (1 cm).
						Py	45	
Vn	194.09	194.37	35.00		1.00	Py	35	Mineralized quartz vein. Crustiform to cockcade pinkish white-grey quartz vein (18 cm) hosting semi-massive pyrite (infill around quartz forms acicular texture in pyrite) and intergrown semi-massive sphalerite. Tarce arsenopyrite. Brecciated white quartz at top of vein.
						Sph	20	
						As	3	
Vn	196.10	196.45	40.00		1.00	Py	35	Massive grey quartz vein (14 cm) with coarse grained blebby to semi-massive pyrite and trace sphalerite. White flecks present in vein.
						Sph	2	
Vn	196.45	196.58	15.00		1.00			Massive grey quartz vein (1 cm) hosts local strong blebby pyrite at outer edge. Vein is crosscut by or fed into larger vein. Vein crosscuts grey quartz veinlet (7 mm) and creates 5 cm offset.
Vn	198.04	198.18	70.00		1.00	Sph	10	White-pink-grey crustiform quartz vein (13 cm) hosting blebby to thin banded sphalerite (moderate), weak disseminated pyrite and trace galena-chalcopyrite-arsenopyrite.
						Py	5	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
						Gn	2		
						Cp	2		
						As	2		
Vt	203.00	203.94	0-90		10.00	Py	100	Pyrite stringers and veinlets common. Orientations random (stockwork)	
Bx	203.20		50		1.00	Py	6	Black breccia with blebby pyrite in matrix. Clasts-subangular grey quartz and phyllic granodiorite zone 2 cm. matrix (80 %).	
Bx	203.70	203.94	90.00			Py	40	Black breccia with semi massive pyrite mineralization in matrix. Matrix 80 %. Clasts are subangular granodiorite (2-10 mm). Contact with quartz feldspar porphyry dyke.	
Bx	219.09		80.00			Py	8	Black breccia zone (6 cm) in granodiorite at contact. Blebby pyrite in matrix and trace sphalerite. Quartz feldspar prophyry dyke gougey (2 cm).	
						Sph	2		
Vn	221.76	221.81	70.00		1.00	Py	95	Massive pyrite (95 %) hosted in grey quartz vein. Vein is crosscut by dyke so only observe part of vein.	
Vts/Bx	225.17	230.51			11/m	Py	100	Pyrite, quartz-pyrite veinlets intense (4 mm avg), pyrite (massive) veins present (1-1.3 cm). Local gouge associated with pyrite mineralization (blebby, 6 %) Black breccia (2-7 cm) hosting phyllic altered clasts (sub-angular 2-100 mm) vein zone associated with large quartz pyrite vein described below.	
						Py	45		
Vn	226.17	226.42	75.00		1.00	Py	45	Massive white quartz vein (26 cm) hosting patchy semi-massive pyrite thin banded sphalerite (in vein wall) and trace chalcopyrite intergrown with pyrite. Hanging wall is gouge with minor breccia zone. Foot wall is competent with frequent pyrite veinlets and several massive pyrite veins (1.3 cm) described above.	
						Sph	5		
						Cp	2		
Vn	237.15	237.21				Py	80	Quartz (white) veins 2, 2 cm apart hosting massive pyrite.	
	241.65							Massive pyrite vein with white quartz (1 cm).	
Vn-Bx	248.31	248.63	20.00			Py	6	Flow breccia with blebby pyrite. Black band (1 cm), milky white breccia with angular clasts. Hanging wall crumbley-gouge.	
Vt	249.02	250.50	65.00		6.00	Py	80	Zone of white-quartz-pyrite veinlets (8 mm) to veins (2.5 cm). Core commonly crumbly. Local gouge zones (10 cm). Has massive pyrite black sulphide and blebby pyrite.	
Vn-Bx	252.10		65.00		1.00	Py	90	White quartz vein hosting massive pyrite and trace intergrown chalcopyrite. Vein is crosscut by black stringer. (vein 2.5 cm) (mentioned above).	
						Cp	4		
Vn	255.87	256.08	70.00		3.00	As	35	Massive white quartz vein (10 cm) with crustiform yellow quartz midline. Vein hosts massive intergrown pyrite-arsenopyrite for 3 cm on each vein wall. Weak chalcopyrite mineralization (intergrown with pyrite) two smaller quartz-pyrite-arsenopyrite veins (1 cm each) occur in hanging wall. 8 cm uphole.	
						Py	40		
						Cp	5		
Vn	256.80		60.00		1.00	Py	60	Grey-white quartz vein (3.0 cm) (massive) hosts semi-massive pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	270.00		45.00		1.00	Py	85	Massive white quartz vein (1 cm) hosting massive pyrite.	
Vn/Bx	271.55	271.71	70.00		1.00	Py	15	White quartz vein (1.2 cm) hosting black sulphide and semi-massive pyrite (band 9 cm) 10 cm of grey gouge with disseminated pyrite in footwall.	
Vt	283.27	285.02	40-70		10/m	Py		Pyrite stringers frequent.	
Vn	290.73	290.92						Two massive pyrite veins (3 cm) with pyrite veinlets and semi-massive pyrite in silica flooded propylitic altered granodiorite.	
Vts	294.32	294.74	20-50		4.00	Py	80	Quartz (white) pyrite veinlets 9 mm.	
Vn	297.52	297.55	90.00		1.00	Py	95	Massive pyrite hosted in quartz vein (3 cm).	
								EOH	

KLAZA

Hole: DDH-KL-12-125 **Date:**

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
10.66	1620	1900	780.8	493.6	FEL	PO					2.788571	2.718663	Oxidized Quartz-Feldspar Porphyry Dike
24.2	1620	1820	531.7	335	GRD	BX	SIL	4	PY	3	2.6585	2.703101	Silicified breccia (5cm) in oxidized granodiorite
33.8	1620	1980	973.9	616.2	GRD	VN	PRO	2	PY	6	2.705278	2.722673	Quartz vein (1cm) in propylitic altered granodiorite
49	1620	1920	773	480.6	FEL	PO					2.576667	2.643639	Quartz-feldspar Porphyry Dike - type case
63.09	1605	1840	599.7	367.1	FEL	PO					2.551915	2.578246	Siliceous dike (altered Quartz-Feldspar Porphyry Dike?)
76.8	1605	1900	776.7	488.8	GRD	PA	POT	3			2.632881	2.697812	Patchy potassic-propylitic alteration with xenolith (9cm)
							PRO	1					
94.16	1605	1900	780.9	487.5	FEL	PO	ARG	1			2.647119	2.661554	Quartz-feldspar Porphyry Dike - clay altered
120.25	1605	1940	1043	705.6	VN				PY	<20	3.113433	3.091286	Quartz vein (2.5cm) hosting intergrwon py-sph; massive pyrite-quartz veinlet (9mm) and silica flooding in intense phyllic alteration
									SPH	<50			
134	1600	1860	723.9	455.6	GRD	MA	PRO	2			2.784231	2.698099	Propylitic alteration with weak potassic overprint
150.25	1600	1820	607.2	380.8	GRD	MA	PHC	2			2.76	2.681979	Phyllic alteration - no veining
166.5	1600	1895	1127.1	829.8	VN	MA			PY	60	3.820678	3.79112	Massive pyrite hosted in grey quartz vein (comprises entire core sample)
181.97	1600	1920	827.3	504.3	GRD	MA	ARG	3			2.585313	2.5613	Argillic alteration - type case
203.1	1580	1780	568	366.7	GRD	PA	PHC	5			2.84	2.821659	Intense phyllic alteration with pyrite veinlets (3)
217	1580	1840	698.5	381.5	FEL	PO					2.686538	2.20347	Quartz-feldspar Porphyry Dike - type case
226.2	1580	1900	1105.7	786.4	VN	MA			PY	40	3.455313	3.462888	Massive quartz vein hosting semi-massive pyrite
240.75	1580	1840	707.2	444	GRD	PA	PRO	4			2.72	2.68693	Weakly silicified propylitic altered granodiorite

KLAZA

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
256	1580	1760	620.2	435.1	VN	MA					3.445556	3.350621	white quartz vein hosting massive intergrown arsenopyrite-pyrite (1/2 of core); phyllic altered granodiorite (1/2 of core)
263	1580	1840	718.9	452	GRD	MA	PRO	4			2.765	2.693518	Silica flooded propylitic altered granodiorite
							SIL	3					
280.9	1580	1860	708.8	422.2	GRD		ARG	3			2.531429	2.473133	Argillic altered granodiorite
290.8	1580	1940	1223	765.5	VN		PHC	4			3.397222	2.673224	Two massive pyrite veins (2cm) with pyrite veinlets in silicified and phyllic altered granodiorite
							SIL	3					
296.2	1580	1820	688.3	429.4	GRD		POT	1			2.867917	2.658555	Unaltered potassic altered granodiorite

KLAZA

Hole: DDH-KL-12-125 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
0.00	3.05	3.05	1.70	55.7	M357418	125-1				Poor recovery - NQ coring 0-6.10m
3.05	4.57	1.52	1.20	78.9	M357419	125-1				Poor recovery - NQ coring 0-6.10m
4.57	6.10	1.53	1.53	100	M357420	125-1				Poor recovery - NQ coring 0-6.10m
6.10	8.23	2.13	1.50	70.4	M357421	125-1				Core rubbley
8.23	11.28	3.05	2.96	97	M357422	125-1				
11.28	14.33	3.05	2.77	90.8	M357423	125-1				
					M357424	125-1				COARSE REJECT DUPLICATE
14.33	17.37	3.04	2.85	93.8	M357425	125-1				
17.37	19.15	1.78	1.21	68	M357426	125-1				Core rubbley
19.15	20.42	1.27	1.03	81.1	M357427	125-1				Core rubbley
					M357428	125-1				STANDARD KLAZA 2
20.42	23.47	3.05	3.02	99	M357429	125-1				
23.47	24.47	1.00	0.98	98	M357430	125-1				
24.47	26.00	1.53	1.50	98	M357431	125-1				
26.00	27.22	1.22	1.22	100	M357432	125-1				
27.22	28.57	1.35	1.28	94.8	M357433	125-1				
28.57	29.57	1.00	1.00	100	M357434	125-1				
					M357435	125-1				STANDARD KLAZA 2
29.57	30.96	1.39	1.33	95.7	M357436	125-1				
30.96	32.40	1.44	1.41	97.9	M357437	125-1				
32.40	33.40	1.00	1.00	100	M357438	125-1				
33.40	34.71	1.31	1.26	96.2	M357439	125-1				
34.71	35.73	1.02	1.02	100	M357440	125-1				
35.73	36.91	1.18	1.16	98.3	M357441	125-1				
					M357442	125-1				BLANK
36.91	38.71	1.80	1.74	96.7	M357443	125-1				
38.71	41.76	3.05	2.98	97.7	M357444	125-1				
41.76	44.81	3.05	2.85	93.4	M357445	125-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
44.81	47.85	3.04	2.94	96.7	M357446	125-1				
					M357447	125-1				1/4 DUPLICATE
47.85	50.90	3.05	3.05	100	M357448	125-1				
50.90	53.95	3.05	2.95	96.7	M357449	125-1				
53.95	57.00	3.05	2.90	95.1	M357450	125-1				
					M357451	125-1				BLANK
57.00	60.05	3.05	2.99	98	M357452	125-1				
60.05	63.09	3.04	2.97	97.7	M357453	125-1				
63.09	66.14	3.05	3.05	100	M357454	125-2				
66.14	67.40	1.26	1.26	100	M357455	125-2				
67.40	68.40	1.00	1.00	100	M357456	125-2				
					M357457	125-2				STANDARD KLAZA 2
68.40	69.66	1.26	1.25	99.2	M357458	125-2				
69.66	71.91	2.25	2.18	96.9	M357459	125-2				
71.91	73.04	1.13	1.10	97.3	M357460	125-2				
73.04	74.76	1.72	1.72	100	M357461	125-2				
74.76	76.14	1.38	1.33	96.4	M357462	125-2				
76.14	78.33	2.19	2.11	96.3	M357463	125-2				
					M357464	125-2				1/4 DUPLICATE
78.33	79.86	1.53	1.52	99.3	M357465	125-2				
79.86	81.06	1.20	1.16	96.7	M357466	125-2				
81.06	82.20	1.14	1.14	100	M357467	125-2				
82.20	84.00	1.80	1.78	98.9	M357468	125-2				
84.00	85.00	1.00	1.00	100	M357469	125-2				
					M357470	125-2				BLANK
85.00	86.44	1.44	1.44	100	M357471	125-2				
86.44	87.78	1.34	1.29	96.3	M357472	125-2				
87.78	90.53	2.75	2.65	96.4	M357473	125-2				
90.53	93.57	3.04	3.02	99.3	M357474	125-2				
					M357475	125-2				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
93.57	96.62	3.05	3.03	99.3	M357476	125-2				
96.62	99.67	3.05	3.00	98.4	M357477	125-2				
99.67	101.17	1.50	1.50	100	M357478	125-2				
101.17	102.72	1.55	1.51	97.4	M357479	125-2				
					M357480	125-2				STANDARD KLAZA 2
102.72	105.18	2.46	2.43	98.8	M357481	125-2				
105.18	106.18	1.00	1.00	100	M357482	125-2				
106.18	107.18	1.00	1.00	100	M357483	125-2				
107.18	109.16	1.98	1.96	99	M357484	125-2				
109.16	110.50	1.34	1.26	94	M357485	125-2				
110.50	111.63	1.13	1.05	92.9	M357486	125-2				
					M357487	125-2				BLANK
111.63	113.89	2.26	2.15	95.1	M357488	125-2				
113.89	114.89	1.00	1.00	100	M357489	125-2				
114.89	115.89	1.00	1.00	100	M357490	125-3				
					M357491	125-3				STANDARD KLAZA 1
115.89	116.89	1.00	1.00	100	M357492	125-3				
116.89	117.89	1.00	1.00	100	M357493	125-3				
117.89	119.36	1.47	1.47	100	M357494	125-3				
119.36	120.36	1.00	1.00	100	M357495	125-3				
					M357496	125-3				BLANK
120.36	121.55	1.19	1.19	100	M357497	125-3				
121.55	122.82	1.27	1.27	100	M357498	125-3				
122.82	124.26	1.44	1.40	97.2	M357499	125-3				
124.26	127.10	2.84	2.81	98.9	M357500	125-3				
					M357501	125-3				COARSE REJECT DUPLICATE
127.10	130.15	3.05	3.05	100	M357502	125-3				
130.15	132.18	2.03	2.03	100	M357503	125-3				
132.18	133.20	1.02	1.00	98	M357504	125-3				
133.20	136.25	3.05	3.03	99.3	M357505	125-3				
136.25	139.30	3.05	3.00	98.4	M357506	125-3				
139.30	142.34	3.04	2.98	98	M357507	125-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357508	125-3				STANDARD KLAZA 1
142.34	143.73	1.39	1.39	100	M357509	125-3				
143.73	144.79	1.06	1.06	100	M357510	125-3				
144.79	145.79	1.00	1.00	100	M357511	125-3				
					M357512	125-3				BLANK
145.79	147.16	1.37	1.37	100	M357513	125-3				
147.16	149.31	2.15	2.08	96.7	M357514	125-3				
149.31	150.63	1.32	1.31	99.2	M357515	125-3				
150.63	153.01	2.38	2.38	100	M357516	125-3				
153.01	154.53	1.52	1.52	100	M357517	125-3				
					M357518	125-3				1/4 DUPLICATE
154.53	156.47	1.94	1.93	99.5	M357519	125-3				
156.47	157.47	1.00	0.97	97	M357520	125-3				
157.47	160.47	3.00	3.00	100	M357521	125-3				
160.47	161.47	1.00	1.00	100	M357522	125-3				
161.47	162.47	1.00	0.96	96	M357523	125-3				
162.47	163.95	1.48	1.46	98.6	M357524	125-3				
163.95	164.95	1.00	1.00	100	M357525	125-3				
164.95	165.95	1.00	1.00	100	M357526	125-4				
165.95	166.95	1.00	1.00	100	M357527	125-4				
					M357528	125-4				BLANK
166.95	167.95	1.00	1.00	100	M357529	125-4				
167.95	169.55	1.60	1.48	92.5	M357530	125-4				
169.55	170.71	1.16	1.16	100	M357531	125-4				
170.71	172.32	1.61	1.55	96.3	M357532	125-4				
					M357533	125-4				1/4 DUPLICATE
172.32	175.32	3.00	2.90	96.7	M357534	125-4				
175.32	177.58	2.26	2.26	100	M357535	125-4				
					M357536	125-4				STANDARD KLAZA 1
177.58	178.58	1.00	0.97	97	M357537	125-4				
178.58	179.58	1.00	1.00	100	M357538	125-4				
179.58	180.58	1.00	1.00	100	M357539	125-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357540	125-4				BLANK
180.58	181.58	1.00	0.98	98	M357541	125-4				
181.58	183.72	2.14	2.14	100	M357542	125-4				
183.72	185.01	1.29	1.28	99.2	M357543	125-4				
185.01	186.77	1.76	1.76	100	M357544	125-4				
186.77	188.01	1.24	1.24	100	M357545	125-4				
188.01	189.01	1.00	1.00	100	M357546	125-4				
189.01	191.11	2.10	1.98	94.3	M357547	125-4				
					M357548	125-4				STANDARD KLAZA 1
191.11	193.06	1.95	1.94	99.5	M357549	125-4				
193.06	194.06	1.00	1.00	100	M357550	125-4				
194.06	195.06	1.00	1.00	100	M357551	125-4				
195.06	196.16	1.10	1.00	90.9	M357552	125-4				
196.16	197.21	1.05	1.00	95.2	M357553	125-4				
197.21	198.26	1.05	1.05	100	M357554	125-4				
198.26	199.26	1.00	1.00	100	M357555	125-4				
199.26	200.62	1.36	1.31	96.3	M357556	125-4				
200.62	201.93	1.31	1.27	96.9	M357557	125-4				
					M357558	125-4				COARSE REJECT DUPLICATE
201.93	202.93	1.00	0.97	97	M357559	125-4				
202.93	203.98	1.05	1.05	100	M357560	125-4				
203.98	206.35	2.37	2.35	99.2	M357561	125-4				
206.35	209.40	3.05	3.05	100	M357562	125-5				
209.40	212.45	3.05	2.95	96.7	M357563	125-5				
212.45	215.49	3.04	2.86	94.1	M357564	125-5				
215.49	216.49	1.00	1.00	100	M357565	125-5				
					M357566	125-5				1/4 DUPLICATE
216.49	218.85	2.36	2.30	97.5	M357567	125-5				
218.85	219.85	1.00	0.98	98	M357568	125-5				
219.85	220.85	1.00	0.97	97	M357569	125-5				
220.85	221.85	1.00	1.00	100	M357570	125-5				
					M357571	125-5				STANDARD KLAZA 1

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
221.85	223.89	2.04	1.99	97.5	M357572	125-5				
223.89	225.17	1.28	1.28	100	M357573	125-5				
225.17	226.51	1.34	1.33	99.3	M357574	125-5				
					M357575	125-5				BLANK
226.51	227.51	1.00	1.00	100	M357576	125-5				
227.51	228.69	1.18	1.16	98.3	M357577	125-5				
228.69	229.69	1.00	1.00	100	M357578	125-5				
229.69	230.73	1.04	1.04	100	M357579	125-5				
230.73	233.78	3.05	3.01	98.7	M357580	125-5				
					M357581	125-5				COARSE REJECT DUPLICATE
233.78	236.83	3.05	3.02	99	M357582	125-5				
236.83	237.83	1.00	1.00	100	M357583	125-5				
237.83	239.88	2.05	2.05	100	M357584	125-5				
239.88	242.93	3.05	3.04	99.7	M357585	125-5				
					M357586	125-5				STANDARD KLAZA 2
242.93	245.97	3.04	3.00	98.7	M357587	125-5				
245.97	248.02	2.05	2.00	97.6	M357588	125-5				
248.02	249.02	1.00	1.00	100	M357589	125-5				
249.02	250.52	1.50	1.50	100	M357590	125-5				
250.52	252.07	1.55	1.50	96.8	M357591	125-5				
252.07	253.44	1.37	1.37	100	M357592	125-5				
253.44	255.85	2.41	2.39	99.2	M357593	125-5				
255.85	257.00	1.15	1.11	96.5	M357594	125-5				
					M357595	125-5				BLANK
257.00	259.13	2.13	2.05	96.2	M357596	125-5				
259.13	260.13	1.00	1.00	100	M357597	125-5				
260.13	261.85	1.72	1.68	97.7	M357598	125-6				
261.85	264.26	2.41	2.02	83.8	M357599	125-6				
264.26	265.26	1.00	1.00	100	M357600	125-6				
265.26	266.26	1.00	1.00	100	M357601	125-6				
266.26	267.32	1.06	0.92	86.8	M357602	125-6				
					M357603	125-6				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
267.32	269.73	2.41	2.41	100	M357604	125-6				
269.73	270.73	1.00	1.00	100	M357605	125-6				
270.73	271.73	1.00	1.00	100	M357606	125-6				
					M357607	125-6				BLANK
271.73	273.73	2.00	2.00	100	M357608	125-6				
273.73	276.45	2.72	2.67	98.2	M357609	125-6				
276.45	278.85	2.40	2.38	99.2	M357610	125-6				
278.85	279.85	1.00	0.99	99	M357611	125-6				
279.85	280.85	1.00	1.00	100	M357612	125-6				
280.85	282.55	1.70	1.70	100	M357613	125-6				
					M357614	125-6				STANDARD KLAZA 2
282.55	284.98	2.43	2.43	100	M357615	125-6				
284.98	288.03	3.05	3.05	100	M357616	125-6				
288.03	290.70	2.67	2.65	99.3	M357617	125-6				
290.70	291.70	1.00	1.00	100	M357618	125-6				
					M357619	125-6				BLANK
291.70	292.75	1.05	1.05	100	M357620	125-6				
292.75	294.24	1.49	1.41	94.6	M357621	125-6				
294.24	295.24	1.00	1.00	100	M357622	125-6				
295.24	296.79	1.55	1.38	89	M357623	125-6				
296.79	297.79	1.00	1.00	100	M357624	125-6				EOH

KLAZA

DH-KL-12-125 **Tech Name: LIZ BUECKERT** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.72	47	0.00	0		1	0	5W	
1.52	3.05	1.53	1.01	66	0.00	0		1	0	5W	
3.05	4.57	1.52	1.35	89	0.10	7		1	1	4W	
4.57	6.10	1.53	1.16	76	0.74	48		2	3	3W	
6.10	8.23	2.13	1.52	71	0.67	31		2	3	2W	
8.23	11.28	3.05	3.00	98	1.72	56		2	2	2W	
11.28	14.33	3.05	2.85	93	1.54	50		2	3	3W	
14.33	17.37	3.04	3.00	99	0.54	18		2	3	2W	
17.37	20.42	3.05	2.23	73	0.23	8		2	1	3W	
20.42	23.47	3.05	3.05	100	2.33	76		2	3	2W	
23.47	26.52	3.05	3.04	100	2.19	72		2	3	2W	
26.52	29.57	3.05	2.89	95	2.55	84		2	2	2W	
29.57	32.61	3.04	3.02	99	2.71	89		2	3	1W	
32.61	35.66	3.05	3.00	98	2.42	79		2	2	2W	
35.66	38.71	3.05	2.85	93	1.20	39		2	2	2W	
38.71	41.76	3.05	3.05	100	2.31	76		2	3	1W	
41.76	44.81	3.05	2.96	97	1.65	54		2	3	1W	
44.81	47.85	3.04	2.92	96	1.80	59		2	3	1W	
47.85	50.90	3.05	2.96	97	1.90	62		2	3	1W	
50.90	53.95	3.05	2.89	95	1.67	55		2	2	2W	
53.95	57.00	3.05	3.00	98	1.59	52		2	2	2W	
57.00	60.05	3.05	3.05	100	2.36	77		2	3	1W	
60.05	63.09	3.04	3.00	99	2.68	88		2	3	1W	
63.09	66.14	3.05	2.95	97	1.50	49		2	2	2	
66.14	69.19	3.05	2.94	96	1.92	63		2	3	1	
69.19	72.24	3.05	2.98	98	2.74	90		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	3.04	100	2.55	84		2	3	1	
75.29	78.33	3.04	2.99	98	2.57	85		2	3	1	
78.33	81.83	3.50	3.05	87	2.00	57		2	2	2	
81.83	84.43	2.60	3.02	116	2.83	109		2	2	2	
84.43	87.48	3.05	3.00	98	1.84	60		2	3	2	
87.48	90.53	3.05	2.96	97	2.28	75		2	3	3	
90.53	93.57	3.04	3.00	99	2.74	90		2	2	1	
93.57	96.62	3.05	3.05	100	2.58	85		2	3	3	
96.62	99.67	3.05	3.05	100	2.70	89		2	3	1	
99.67	102.72	3.05	3.04	100	2.50	82		2	3	2	
102.72	105.77	3.05	2.96	97	2.37	78		2	3	2	
105.77	108.81	3.04	3.05	100	2.72	89		2	3	1	
108.81	111.86	3.05	2.81	92	2.41	79		2	3	2	
111.86	114.91	3.05	2.98	98	2.32	76		2	3	2	
114.91	117.96	3.05	3.00	98	2.70	89		2	2	2	
117.96	121.01	3.05	3.02	99	2.85	93		1	3	2	
121.01	124.05	3.04	3.00	99	2.80	92		2	3	1	
124.05	127.10	3.05	3.01	99	2.78	91		2	3	1	
127.10	130.15	3.05	2.95	97	2.65	87		2	3	1	
130.15	133.20	3.05	3.02	99	2.40	79		2	3	1	
133.20	136.25	3.05	3.01	99	2.36	77		2	3	1	
136.25	139.30	3.05	3.00	98	2.12	70		2	3	1	
139.30	142.34	3.04	3.01	99	2.80	92		2	3	1	
142.34	145.39	3.05	3.03	99	2.99	98		2	3	1	
145.39	148.44	3.05	3.00	98	2.57	84		2	3	1	
148.44	151.49	3.05	3.04	100	2.52	83		2	3	1	
151.49	154.53	3.04	3.01	99	2.32	76		2	3	1	
154.53	157.58	3.05	3.00	98	2.26	74		2	2	2	
157.58	160.63	3.05	2.97	97	2.41	79		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	3.02	99	2.90	95		2	2	2	
163.68	166.73	3.05	2.96	97	2.33	76		2	2	2	
166.73	169.77	3.04	3.00	99	2.13	70		1	1	2	
169.77	172.82	3.05	3.00	98	2.91	95		2	3	1	
172.82	175.87	3.05	2.94	96	2.48	81		1	3	2	
175.87	178.92	3.05	3.05	100	2.77	91		2	1	1	
178.92	181.97	3.05	2.90	95	2.44	80		2	3	1	
181.97	185.01	3.04	3.05	100	2.50	82		2	3	1	
185.01	188.06	3.05	2.86	94	2.70	89		2	3	1	
188.06	191.11	3.05	2.89	95	2.12	70		2	3	1	
191.11	194.16	3.05	2.97	97	2.63	86		2	3	1	
194.16	197.21	3.05	2.95	97	2.53	83		2	3	1	
197.21	200.25	3.04	2.96	97	2.01	66		2	3	1	
200.25	203.30	3.05	2.89	95	1.02	33		1	1	1	
203.30	206.35	3.05	2.97	97	1.34	44		1	2	1	
206.35	209.40	3.05	2.80	92	1.30	43		2	2	1	
209.40	212.45	3.05	2.78	91	1.23	40		2	2	1	
212.45	215.49	3.04	2.97	98	1.88	62		2	3	1	
215.49	218.54	3.05	2.96	97	0.76	25		1	3	1	
218.54	221.59	3.05	2.90	95	0.68	22		1	0	1	
221.59	224.64	3.05	2.96	97	0.65	21		1	0	1	
224.64	227.69	3.05	2.97	97	0.86	28		1	1	1	
227.69	230.73	3.04	2.90	95	2.15	71		2	3	1	
230.73	233.78	3.05	2.94	96	2.38	78		2	3	1	
233.78	236.83	3.05	2.91	95	2.03	67		2	3	1	
236.83	239.88	3.05	3.00	98	2.36	77		2	4	1	
239.88	242.93	3.05	3.00	98	2.35	77		2	3	1	
242.93	245.97	3.04	3.02	99	2.52	83		2	2	1	
245.97	249.02	3.05	2.78	91	1.45	48		2	3	1	
249.02	252.07	3.05	3.01	99	1.14	37		1	1	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
252.07	255.12	3.05	2.92	96	1.23	40		1	1	1	
255.12	258.17	3.05	3.00	98	1.48	49		1	3	1	
258.17	261.21	3.04	3.02	99	2.00	66		2	2	1	
261.21	264.26	3.05	2.60	85	1.83	60		2	3	1	
264.26	267.32	3.06	2.80	92	1.80	59		2	3	1	
267.32	270.36	3.04	2.97	98	1.36	45		1	1	4	
270.36	273.41	3.05	3.05	100	2.95	97		2	1	1	
273.41	276.45	3.04	2.84	93	1.75	58		2	2	1	
276.45	279.50	3.05	3.04	100	2.25	74		2	2	1	
279.50	282.55	3.05	3.05	100	1.44	47		1	1	3	
282.55	285.60	3.05	3.05	100	2.45	80		2	3	1	
285.60	288.65	3.05	2.80	92	2.60	85		2	3	1	
288.65	291.70	3.05	3.05	100	2.65	87		2	3	1	
291.70	294.74	3.04	2.95	97	2.72	89		2	3	1	
294.74	297.79	3.05	2.84	93	2.30	75		2	3	1	
	EOH @ 297.79m										

KLAZA

Hole: DDH-KL-12-125 **Tech Name: LIZ BUECKERT** **Date: SE** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52	0.00						
1.52	3.05	1.53	0.00						
3.05	4.57	1.52	60.00	0.10	0.00	1.00	2R	3W	
4.57	6.10	1.53	40.00	0.13	0.00	1.00	2R	2W	
6.10	8.23	2.13	0.00						
8.23	11.28	3.05	60.00	0.05	0.00	1.00	2R	3W	
11.28	14.33	3.05	60.00	0.08	0.00	1.00	2R	2W	
14.33	17.37	3.04	55.00	0.10	0.00	1.00	2R	2W	
17.37	20.42	3.05	0.00						
20.42	23.47	3.05	60.00	0.23	0.00	1.00	2R	2W	
23.47	26.52	3.05	60.00	0.26	0.00	1.00	2R	2W	
26.52	29.57	3.05	60.00	0.20	0.00	1.00	2R	2W	
29.57	32.61	3.04	60.00	0.13	0.00	2.00	2R	2W	
32.61	35.66	3.05	55.00	0.37	0.00	2.00	3R	2W	
35.66	38.71	3.05	0.00						
38.71	41.76	3.05	55.00	0.45	0.00	2.00	2R	2W	
41.76	44.81	3.05	0.00						
44.81	47.85	3.04	60.00	0.28	0.00	1.00	2R	2W	
47.85	50.90	3.05	60.00	0.32	0.00	1.00	2R	2W	
50.90	53.95	3.05	60.00	0.35	0.00	2.00	2R	2W	
53.95	57.00	3.05	60.00	0.38	0.00	2.00	2R	2W	
57.00	60.05	3.05	55.00	40.00	0.00	2.00	2R	2W	
60.05	63.09	3.04	0.00						
63.09	66.14	3.05	60.00	0.17	0.00	2.00	2R	2W	
66.14	69.19	3.05	40.00	0.13	0.00	3.00	2R	2W	
69.19	72.24	3.05	55.00	0.49	0.00	2.00	2R	1W	
72.24	75.29	3.05	0.00						
75.29	78.33	3.04	60.00	0.37	0.00	2.00	3R	2W	
78.33	81.83	3.50	60.00	0.54	0.00	2.00	2R	2W	

KLAZA

81.83	84.43	2.60	0.00						
84.43	87.48	3.05	50.00	0.27	0.00	3.00	3R	2W	
87.48	90.53	3.05	0.00						
90.53	93.57	3.04	0.00						
93.57	96.62	3.05	60.00	0.23	5.00	3.00	2R	2W	
96.62	99.67	3.05	0.00						
99.67	102.72	3.05	0.00						
102.72	105.77	3.05	0.00						
105.77	108.81	3.04	0.00						
108.81	111.86	3.05	60.00	0.32	0.00	3.00	3R	2W	
111.86	114.91	3.05	65.00	0.18	0.00	2.00	2R	1W	
114.91	117.96	3.05	0.00						
117.96	121.01	3.05	60.00	0.35	1.00	2.00	2R	3W	
121.01	124.05	3.04	55.00	0.48	0.00	3.00	2R	1W	
124.05	127.10	3.05	0.00						
127.10	130.15	3.05	60.00	0.18	0.00	1.00	2R	1W	
130.15	133.20	3.05	60.00	0.39	0.00	1.00	2r	1w	
133.20	136.25	3.05	0.00						
136.25	139.30	3.05	60.00	0.16	0.00	1.00	2r	1w	
139.30	142.34	3.04	60.00	0.19	0.00	1.00	2r	1w	
142.34	145.39	3.05	0.00						
145.39	148.44	3.05	0.00						
148.44	151.49	3.05	60.00	0.12	0.00	2.00	3r	2w	
151.49	154.53	3.04	70.00	0.34	0.00	1.00	2r	1w	
154.53	157.58	3.05	0.00						
157.58	160.63	3.05	0.00						
160.63	163.68	3.05	60.00	0.18	0.00	2.00	2r	2w	
163.68	166.73	3.05	55.00	0.79	0.00	3.00	2r	2w	
166.73	169.77	3.04	50.00	0.91	0.00	3.00	2r	1w	
169.77	172.82	3.05	60.00	1.47	0.00	2.00	2r	1w	
172.82	175.87	3.05	65.00	0.68	2.00	3.00	2r	4w	
175.87	179.92	4.05	60.00	0.96	0.00	2.00	2r	2w	
179.92	182.97	3.05	35.00	0.30	0.00	3.00	2r	1w	
182.97	185.01	2.04	60.00	0.68	0.00	2.00	2r	2w	
185.01	188.06	3.05	60.00	0.92	0.00	2.00	1r	1w	
188.06	191.11	3.05	75.00	0.93	0.00	1.00	2r	1w	
191.11	194.16	3.05	0.00						
194.16	197.21	3.05	50.00	0.76	0.00	1.00	2r	2w	
197.21	200.25	3.04	60.00	0.34	0.00	2.00	2r	1w	
200.25	203.30	3.05	0.00						

KLAZA

203.30	206.35	3.05	45.00	0.08	1.00	2.00	3r	1w	
206.35	209.40	3.05	0.00						
209.40	212.45	3.05	0.00						
212.45	215.49	3.04	45.00	0.75	1.00	2.00	3r	1w	additional joint set: 80, .04, 0 2, 2r, 1w
215.49	218.54	3.05	50.00	0.15	0.00	2.00	3r	1w	additional joint set: 50, .15, 0, 2, 3r, 1w
218.54	221.59	3.05	55.00	0.09	0.00	2.00	2r	1w	
221.59	224.64	3.05	50.00	0.19	1.00	2.00	3r	1w	
224.64	227.69	3.05	70.00	0.05	0.00	2.00	3r	1w	
227.69	230.73	3.04	50.00	0.34	0.00	3.00	3r	1w	
230.73	233.78	3.05	0.00						
233.78	236.83	3.05	70.00	0.20	0.00	3.00	3r	1w	
236.83	239.88	3.05	0.00						
239.88	242.93	3.05	60.00	1.28	0.00	3.00	2r	1w	
242.93	245.97	3.04	60.00	1.00	0.00	2.00	2r	2w	
245.97	249.02	3.05	0.00						
249.02	252.07	3.05	0.00						
252.07	255.12	3.05	60.00	0.10	21.00	2.00	3r	2w	
255.12	258.17	3.05	0.00						
258.17	261.21	3.04	50.00	0.72	0.00	1.00	2r	1w	
261.21	264.26	3.05	0.00						
264.26	267.32	3.06	55.00	0.76	0.00	2.00	2r	1w	
267.32	270.36	3.04	0.00						
270.36	273.41	3.05	75.00	0.28	8.00	2.00	2r	3w	
273.41	276.45	3.04	0.00						
276.45	279.50	3.05	50.00	1.15	0.00	1.00	2r	1w	
279.50	282.55	3.05	60.00	0.65	20.00	3.00	3r	3w	
282.55	285.60	3.05	60.00	0.75	0.00	2.00	2r	2w	
285.60	288.65	3.05	60.00	0.56	0.00	3.00	2r	1w	
288.65	291.70	3.05	0.00						
291.70	294.74	3.04	0.00						
294.74	297.79	3.05	60.00	0.52	0.00	2.00	2r	1w	
	EOH @ 297.79m								

KLAZA

Hole: DDH-KL-12-125 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	0.31	
2.00	0.16	
3.00	0.09	
4.00	0.16	
5.00	0.07	
6.00	0.10	
7.00	0.10	
8.00	0.56	
9.00	0.09	
10.00	0.03	
11.00	0.05	
12.00	0.03	
13.00	0.01	
14.00	0.10	
15.00	0.21	
16.00	0.09	
17.00	0.14	
18.00	0.18	
19.00	0.07	
20.00	0.01	
21.00	0.29	
22.00	0.07	
23.00	0.16	
24.00	0.12	
25.00	0.20	
26.00	0.60	
27.00	0.12	
28.00	1.26	
29.00	0.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	4.83	
31.00	0.10	
32.00	0.18	
33.00	0.21	
34.00	0.41	
35.00	0.32	
36.00	0.25	
37.00	0.16	
38.00	0.19	
39.00	0.25	
40.00	0.21	
41.00	0.20	
42.00	0.21	
43.00	0.32	
44.00	0.34	
45.00	0.20	
46.00	0.21	
47.00	0.16	
48.00	0.81	
49.00	0.16	
50.00	0.12	
51.00	0.51	
52.00	0.10	
53.00	0.10	
54.00	0.10	
55.00	0.62	
56.00	0.20	
57.00	0.05	
58.00	0.42	
59.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.07	
61.00	0.03	
62.00	0.10	
63.00	0.07	
64.00	0.12	
65.00	0.32	
66.00	0.10	
67.00	0.34	
68.00	0.43	
69.00	0.36	
70.00	0.38	
71.00	0.20	
72.00	0.27	
73.00	0.23	
74.00	0.71	
75.00	0.58	
76.00	0.53	
77.00	6.88	
78.00	0.32	
79.00	0.34	
80.00	0.27	
81.00	9.51	
82.00	0.27	
83.00	2.23	
84.00	0.27	
85.00	0.29	
86.00	0.40	
87.00	0.29	
88.00	0.21	
89.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.38	
91.00	0.18	
92.00	0.47	
93.00	0.23	
94.00	0.21	
95.00	0.29	
96.00	0.31	
97.00	0.20	
98.00	0.47	
99.00	0.54	
100.00	0.12	
101.00	0.82	
102.00	0.12	
103.00	0.27	
104.00	1.06	
105.00	0.36	
106.00	0.29	
107.00	0.32	
108.00	2.41	
109.00	0.36	
110.00	0.78	
111.00	0.32	
112.00	0.25	
113.00	0.29	
114.00	0.40	
115.00	0.32	
116.00	0.20	
117.00	0.47	
118.00	0.27	
119.00	0.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.14	
121.00	0.80	
122.00	0.21	
123.00	0.53	
124.00	0.49	
125.00	0.43	
126.00	9.42	
127.00	19.20	
128.00	2.34	
129.00	19.70	
130.00	0.84	
131.00	16.10	
132.00	0.21	
133.00	0.29	
134.00	0.95	
135.00	5.23	
136.00	15.10	
137.00	19.50	
138.00	17.10	
139.00	0.91	
140.00	0.29	
141.00	25.10	
142.00	23.40	
143.00	15.30	
144.00	8.39	
145.00	0.45	
146.00	0.16	
147.00	0.45	
148.00	0.09	
149.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.21	
151.00	0.20	
152.00	6.18	
153.00	0.25	
154.00	1.51	
155.00	0.27	
156.00	0.16	
157.00	0.43	
158.00	0.62	
159.00	18.40	
160.00	6.53	
161.00	6.20	
162.00	0.32	
163.00	0.49	
164.00	0.10	
165.00	0.42	
166.00	0.20	
167.00	0.09	
168.00	0.21	
169.00	0.56	
170.00	0.73	
171.00	0.01	
172.00	0.60	
173.00	15.80	
174.00	0.67	
175.00	1.99	
176.00	0.23	
177.00	0.14	
178.00	0.14	
179.00	0.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	5.63	
181.00	0.23	
182.00	2.30	
183.00	0.40	
184.00	0.32	
185.00	0.21	
186.00	8.96	
187.00	17.00	
188.00	0.93	
189.00	0.09	
190.00	5.36	
191.00		
192.00		
193.00		
194.00		
195.00		
196.00		
197.00		
198.00		
199.00		
200.00		
201.00		
202.00		
203.00		
204.00		
205.00		
206.00		
207.00		
208.00		
209.00		

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00		
211.00		
212.00		
213.00		
214.00		
215.00		
216.00		
217.00		
218.00		
219.00		
220.00		
221.00		
222.00		
223.00		
224.00		
225.00		
226.00		
227.00		
228.00		
229.00		
230.00		
231.00		
232.00		
233.00		
234.00		
235.00		
236.00		
237.00		
238.00		
239.00		

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00		
241.00	14.60	
242.00	9.58	
243.00	0.98	
244.00	7.81	
245.00	1.93	
246.00	0.56	
247.00	9.95	
248.00	0.05	
249.00	4.50	
250.00	0.18	
251.00	0.32	
252.00	1.53	
253.00	8.82	
254.00	2.28	
255.00	11.40	
256.00	0.80	
257.00	1.59	
258.00	3.34	
259.00	13.60	
260.00	0.53	
261.00	12.90	
262.00	3.93	
263.00	8.03	
264.00	7.24	
265.00	10.40	
266.00	0.07	
267.00	0.31	
268.00	1.48	
269.00	11.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.49	
271.00	0.95	
272.00	0.36	
273.00	0.16	
274.00	2.06	
275.00	7.22	
276.00	9.33	
277.00	3.60	
278.00	0.09	
279.00	0.05	
280.00	0.01	
281.00	0.38	
282.00	4.41	
283.00	3.71	
284.00	0.10	
285.00	0.64	
286.00	0.32	
287.00	2.45	
288.00	1.24	
289.00	0.38	
290.00	21.00	
291.00	0.56	
292.00	0.32	
293.00	6.14	
294.00	8.18	
295.00	3.22	
296.00	7.28	
297.00	11.30	EOH @ 297.79m

KLAZA

Hole: **DDH-KL-12-125** **Date:**

Box #	From (m)	To (m)
1	0.75	0.75
2	4.78	4.78
3	6.10	6.10
4	12.19	12.19
5	17.76	17.76
6	23.91	23.91
7	29.71	29.71
8	35.50	35.50
9	41.04	41.04
10	46.29	46.29
11	53.39	53.39
12	57.75	57.75
13	63.60	63.60
14	69.44	69.44
15	75.38	75.38
16	81.32	81.32
17	87.09	87.09
18	93.05	93.05
19	98.85	98.85
20	104.66	104.66
21	110.34	110.34
22	116.34	116.34
23	122.24	122.24
24	128.18	128.18
25	134.11	134.11
26	139.63	139.63
27	145.39	145.39
28	151.19	151.19
29	156.91	156.91

KLAZA

30	162.67	162.67
31	168.04	168.04
32	173.78	173.78
33	180.48	180.48
34	185.21	185.21
35	191.04	191.04
36	196.85	196.85
37	202.71	202.71
38	208.22	208.22
39	213.18	213.18
40	219.43	219.43
41	225.05	225.05
42	230.85	230.85
43	236.83	236.83
44	242.79	242.79
45	248.63	248.63
46	254.20	254.20
47	259.78	259.78
48	265.70	265.70
49	271.20	271.20
50	276.60	276.60
51	282.30	282.30
52	288.15	288.15
53	293.99	297.79
		EOH

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			383161.5	6889039	1406.492	300.84

SECTION: BRX 11+300 mE

HOLE: KL-12-126

CLAIM: YC37992

Contractor: Swiftsure

Drill: A5

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 29th - Aug 31st, 2012

TARGET:

Geology logged by: G. Wolff

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
14.3256	35.8	-49.3	Ranger	136.2456	40.2	-48.8	Ranger
38.7096	36.7	-49.2	Ranger	166.7256	40.8	-48.7	Ranger
63.0936	37.7	-49.2	Ranger	197.2056	42.4	-48.6	Ranger
111.8616	39.9	-49	Ranger	264.2616	42.1	-48.9	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Oxidized overburden.
4.57	26.95	22.38	GRD	Oxidized, argillic to phyllic altered granodiorite.
26.95	38.02	11.07	GRD	Propylitic altered granodiorite.
38.02	57.60	19.58	GRD	Moderate to strongly phyllic altered granodiorite.
57.60	62.28	4.68	FEL	Grey-green quartz-feldspar porphyry dyke.
62.28	85.21	22.93	GRD	Argillic to phyllic altered granodiorite, oxidized.
85.21	117.85	32.64	GRD	Weakly propylitic, silicified granodiorite with narrow p
117.85	125.43	7.58	GRD	Moderate to intensely phyllic granodiorite, well-miner
125.43	142.34	16.91	GRD	Propylitic altered granodiorite.
142.34	173.65	31.31	GRD	Phyllic and sericitic altered granodiorite.
173.65	229.15	55.50	MAF	Dark grey-green aphanitic 'country rock'.
229.15	246.07	16.92	GRD	Patchy sericitic and phyllic altered granodiorite.
246.07	300.84	54.77	GRD	Patchy alternating propylitic and argillic alteration.
				EOH @ 300.84m

SAMPLES

Numbers: M359663 - M359892

Total: 230

Batch: 126-1 - 126-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-12-126 **Logger Name:** G. Wolff **Date: September 8, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	4.57	4.57					OVB			OR	RB			OXI	5						Oxidized overburden, orange sand with fragments of oxidized granodiorite.
4.57	8.23	3.66				mKgW	GRD	MG	LT	GN	RB			SIL	3			PY	1.00		Silicious granodiorite, phyllic altered. Oxidation on fractures, regions of strongly oxidized rubble obscuring rock textures. Pyrite-carbonate oxidized stringers crosscutting.
									MD	GY				OXI	3						
														PHC	3						
8.23	11.18	2.95				mKgW	GRD	MG		OR	FR			OXI	5						Intensely oxidized argillic altered granodiorite, oxidized obscuring most alteration textures.
														ARG	4						
11.18	17.37	6.19				mKgW	GRD	MG		WH				OXI	2			PY	5.00		Argillic altered granodiorite with traces of phyllic alteration overprinting. Strongest around pyrite stringers and veins. Disseminated pyrite and crosscutting pyrite stringers.
									LT	GY				ARG	4						
														PHC	2						
17.37	26.95	9.58				mKgW	GRD	MG	LT	GN	PA			SIL	2			PY	2.00		Silicious, weakly propylitic altered granodiorite with patchy white to intense phyllic overprint, strongest around pyrite bearing quartz veins. Traces of argillic alteration and strong oxidation on fractures.
									MD	GY				PHC	3						
														ARG	1						
														PRO	2						
														OXI	2.00						
26.45	38.02	11.57				mKgW	GRD	MG	MD	GY	PA			SIL	2.00			PY	1.00		Silicious, weakly propylitic altered granodiorite grading to phyllic alteration in envelopes around pyrite mineralized veinlets.
														PRO	2.00						
														PHC	2						
														ARG	1						
														OXI	1						
35.25	38.02	2.77				mKgW	GRD	MG	LT	GN	EN			ARG	4			PY	2		Argillic altered granodiorite with weak phyllic altered overprinting. Strong phyllic alteration around zones of mineralized quartz veining.
														PHC	3						
38.02	39.9	1.88				mKgW	GRD	MG	LT	GY	FD			ARG	3			PY	5		gougey rubble. Strongly phyllic altered.
														PHC	4						
39.9	44.64	4.74				mKgW	GRD	MG	LT	GN	RB			ARG	3			PY	2		Argillic altered granodiorite with phyllic alteration overprinting. Zone hosts disseminated pyrite and pyrite stringers. Fractured to rubble, patchy oxidation.
									LT	GY				PHC	3						
														OXI	2						
44.64	57.6	12.96				mKgW	GRD	MG	MD	GY				PHC	4			PY	5		Strong to intensely phyllic altered granodiorite, with pyrite stringers and disseminated pyrite, gougey oxidation in fractures.
									LT	GN				OXI	1						
														ARG	2						
47.95	52.95	5.00				mKgW	GRD	MG	MD	GY	EN			PHC	5			PY	10		Intensely phyllic altered envelope around massively pyrite mineralized quartz vein. Gougey patches, trace oxidation on fractures. 10 pyrite stringers per meter, irregular and discontinuous.
														OXI	1						
														ARG	1						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
57.60	62.28	4.68				LKqP	FEL		MB	GN	PO							PY	11		Grey green quartz feldspar porphyry dyke. Clay alteration of phenocrysts, chlorite phenocrysts. Trace disseminated pyrite.
									LT	GN											
62.28	71.06	8.78				mKgW	GRD	MG	LT	GN	FL			PHC	4			PY	10		Strong to intensely phyllic altered granodiorite. Strongly mineralized with quartz flooding and veined zones hosting massive pyrite and chalcopyrite. Pyrite stringers (netted) present. Gougey veins patchy oxidation on fractures.
									LT	GY				ARG	1			Cp	2		
														OXI	2						
71.06	77.08	6.02				mKgW	GRD	MG	LT	OR	PA			OXI	4			PY	2		Strongly oxidized argillic altered granodiorite with patchy narrow zones of phyllic alteration hosting pyrite stringers. Oxidation obscures most textures.
									MD	OR				ARG	4						
														PHC	2						
77.08	78.73	1.65				mKgW	GRD	MG	LT	GY	PA			OXI	3			PY	1		Intensely oxidized rubble. Gougey to crumbly.
										OR				ARG	4						
														PHC	2						
														SIL	2						
85.21	117.85	32.64				mKgW	GRD	MG	MD	GY	MA			SIL	3			PY	1		Likely propylitic altered granodiorite. Grades to phyllic around variably mineralized veinlets and veins. 3 milky quartz-carbonate veinlets, unmineralized, per meter with narrow phyllic altered envelopes. 50-60 degrees TCA, carbonate stringers scattered.
									DK	GN	PA			PRO	2						
														PHC	1						
85.73	87.73	2.00				mKgW	GRD	MG	LT	GN	EN			OXI	3			PY	1		Argillic altered granodiorite with patchy phyllic altered overprinting. Patchy oxidation. 3 pyrite stringers per meter.
										OR				ARG	4						
														PHC	3						
93.57	95.23	1.66				mKgW	GRD	MG	LT	GY	EN			SIL	4			PY	3		Strongly silicious phyllic alteration envelope around pyrite bearing quartz-carbonate vein. Phyllic altered overprinting.
										GN				PHC	4						
95.89	98.10	2.21				mKgW	GRD	MG	LT	GN	EN			SIL	4			PY	5		Strongly silicious phyllic alteration envelope around zone of silica flooding hosting several pyrite stringers. Patchy oxidation.
										GY				PHC	4						
														ARG	3						
														OXI	3						
102.56	103.72	1.16				mKgW	GRD	MG		WH	EN			ARG	4			PY	1		Argillic altered granodiorite with phyllic overprinting around veinlets.
									LT	GN				SIL	2						
														PHC	2						
105.23	106.94	1.71				mKgW	GRD	MG		WH				ARG	4			PY	1		argillic altered granodiorite with phyllic altered overprinting.
									LT	GN				PHC	2						
115.41	117.48	2.07				mKgW	GRD	MG	LT	GN	EN			PHC	4						Phyllic altered granodiorite hosting multiple sheeted pyrite bearing veins.
														ARG	1						
117.85	125.43	7.58				mKgW	GRD	MG	LT	GN	PA			PHC	4			PY	5		Moderate to intense phyllic altered granodiorite hosting sheeted pyrite bearing veins and extensive mineralization. Argillic patchy alteration. Light to moderate silica flooding.
														ARG	2						
														SIL	2						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
125.43	142.34	16.91				mKgW	GRD	MG	DK	GN	PA			PRO	2			PY	2		Silicious propylitic altered granodiorite grading to phyllic alteration in envelopes around 20-30 degrees TCA quartz veins hosting blebby pyrite. Pyrite stringers, discontinuous, throughout. 3/m, predominantly 60-70 degrees TCA. Carbonate stringers throughout.
														SIL	3						
														PHC	1						
132.55	134.30	1.75				mKgW	GRD	MG	LT	GN	EN			PHC	4			PY	5		Moderate to intense phyllic altered granodiorite around quartz-carbonate veins and veinlets hosting blebby pyrite.
										GY											
134.30	172.25	37.95				mKgW	GRD	MG	LT	GN	PA			PHC	4			PY	10		Patchy phyllic and sericite altered granodiorite. Moderate to intense phyllic and sericite alteration closest to massively mineralized quartz veins and veinlets. Pyrite stringers scattered throughout interval, discontinuous, varying attitudes. Patches of propylitic alteration and argillic altered overprinted by phyllic alteration.
										WH				SER('	3						
														PRO	1						
														SIL	2						
172.25	173.65	1.40				mKgW	GRD	MG	MD	GN				SIL	3			PY	2		Moderate to silicious propylitic altered granodiorite overprinted by phyllic alteration. Hosting pyrite stringers and quartz pyrite veinlets with sericitized selvages.
														PRO	2						
														PHC	3						
														SER	2						
173.65	229.15	55.50					COU		DK	GY								PY	5		Dark green/grey fine grained unit. Extensive pyrite stringers and carbonate-pyrite veinlets. Carbonate veinlets. Strong carbonate content. Zones of very dark green sericitized selvages on some pyrite veinlets. Patchy zones of very dark green aphanitic, moderately to strongly magnetic.
									DK	GN											
178.95	179.92	0.97					COU		DK	GN	AN							PY	3		Very dark green aphanitic massive unit. Moderately magnetic.
191.40	193.20	1.80					COU		DK	GN	AN							PY	3		Dark green aphanitic, magnetic, crosscut by pyrite and carbonate stringers.
202.80	204.41	1.61					COU		DK	GN	AN							PY	3		Dark green aphanitic, magnetic, crosscut by pyrite and carbonate stringers.
205.87	209.10	3.23					COU		DK	GN	AN							PY	3		Dark green aphanitic, magnetic, crosscut by pyrite and carbonate stringers.
210.94	213.53	2.59					COU			TN	RB							PY	3		Tan mottled to pink unit, crosscut by pyrite and carbonate stringers, rubbly. Carbonate flooded sections.
											MO										
217.35	229.15	11.80					COU			TN	MO							PY	10		Mottled tan-grey-green-pink with disseminated pyrite blebs. Crosscut by carbonate and pyrite stringers.
										GY											
229.15	246.07	16.92				mKgW	GRD	MG	LT	WH	PA			PHC	4			PY	5		Patchy sericitic and phyllic altered granodiorite, intense phyllic alteration around pyrite mineralized veinlets. Sericite alteration in mostly narrow selvages or pyrite veinlets. Patchy argillic alteration with phyllic altered overprinting. Mottled texture with patchy yellow, green and pink overprinting.
										GN	MO			SER	3						
246.07	250.90	4.83				mKgW	GRD	MG	DK	GN				PRO	3			PY	1.00		Weak to moderately propylitic granodiorite with phyllic and strong sericite altered selvages on pyrite stringers. Moderately silicious.
														SER	2						
														PHC	1						
														SIL	3						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
																					Crumbly to rubbly argillic altered granodiorite with phyllic altered overprinting. Interval is
250.9	255.05	4.15				mKgW	GRD	MG	LT	GN	RB			ARG	3			PY	2		predominantly rubble.
									DK	GY				PHC	2						
255.05	255.97	0.92				mKgW	GRD	MG	LT	GN				ARG	2			PY	2		Argillic altered granodiorite overprinted by phyllic alteration.
														PHC	3						
																					Moderate to strong propylitic altered granodiorite, well silicified with quartz eyes and
255.97	257.32	1.35				mKgW	GRD	MG	DK	GN				PRO	4			PY	4		calcite veining.
														SIL	3						
																					Argillic altered granodiorite with very light green phyllic altered overprinting. Intense phyllic altered selvages on quartz-pyrite stringers and veins. Mottled pink overprinting,
257.32	264	6.68				mKgW	GRD	MG	LT	GN	MO			ARG	4			PY	3		possible potassic alteration. Patchy propylitic alteration.
										PK	PA			PHC	3						
										WH				PRO	1						
														POT	1						
																					Silicious propylitic altered granodiorite. Patchy phyllic altered envelopes around quartz-
264	270.72	6.72				mKgW	GRD	MG	DK	GN	MA			PRO	3			PY	1		carbonate and pyrite veinlets and stringers with sericitized selvages.
														SIL	3						
														PHC	2						
														SER	1						
																					Argillic altered granodiorite envelopes with light phyllic altered patchy overprinting.
270.72	272.43	1.71				mKgW	GRD	MG		WH	EN			ARG	4			PY	1		Intensely phyllic altered at selvage of pyrite-quartz stringer.
														PHC	2						
																					Propylitic altered granodiorite with phyllic altered overprinting around veinlets and
272.42	273.78	1.36				mKgW	GRD	MG	DK	GN	PA			PRO	3			PY	1		stringers with sericitized selvages.
														PHC	2						
														SER	1						
																					Argillic alteration envelope with phyllic altered overprinting strongest around pyrite
273.78	276.43	2.65				mKgW	GRD	MG	LT	GN	EN			ARG	4			PY	2		stringers and quartz vein. Sericite altered selvages around pyrite stringers.
										WH				PHC	3						
														SER	2						
																					Moderate to strong propylitic altered granodiorite. Silicious with phyllic altered
276.43	279.05	2.62				mKgW	GRD	MG	DK	GN				PRO	3			PY	1		overprinting around quartz-pyrite veinlets.
														SIL	3						
																					Argillic altered granodiorite with patchy phyllic altered overprinting. Sericite altered
279.05	296.97	17.92				mKgW	GRD	MG		WH	PA			ARG	4			PY	2		selvages on pyrite-quartz veinlets and stringers. Patchy propylitic alteration.
									LT	GN	MD			PHC	3						
														SER	2						
														PRO	1						
296.97	300.84	3.87				mKgW	GRD	MG	DK	GN	MA			PRO	3			PY	1		Silicious propylitic altered granodiorite.
														SIL	2						
																					EOH @ 300.84 m.

KLAZA

Hole: KL-12-126 **Logger Name: G. Wolff**

Depth (m)		DESCRIPTION	
57.60			Probably contact between phyllic granodiorite and green quartz feldspar prophyry dyke.
62.28		70 degrees TCA	Contact between green quartz feldspar porphyry dyke (lightly gouged) and argillic/phyllic altered granodiorite.
173.65		60 degrees TCA	Fairly sharp contact between silicious granodiorite unit and country rock. Rubbly at contact.
229.15			Gradual contact between country rock and phyllic altered granodiorite.
		EOH	

KLAZA

Hole: KL-12-126 **Logger Name:** G. Wolff **Date:** September 8, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
ST	4.65	14.40	9.75	65		10/M	PY	90	Discontinuous pyrite stringers, variably oxidized at verying orientations. Predominantly 65 degrees TCA. 10/m.	
VT	14.28	14.40	0.12	50		2	PY	5	Milky quartz veinlets hosting disseminated pyrite.	
VN	14.80	15.40	0.60	40			PY	90	9 pyrite stringers at verying orientations around 1.2 cm pyrite-carbonate vein. Oxidized and tarnished. Strong to intense phyllic altered envelope.	
ST	14.50	30.10	15.60			5/M	PY	100	Irregular discontinuous pyrite stringers at various orientations, 8/m.	
VT	16.17	22.10	5.93	60			PY	20	Quartz-carbonate veinlets hosting disseminated pyrite predominantly 60 degrees TCA.	
VN	19.89	19.92	0.03	65			PY	20	Grey quartz vein with milky carbonate, hosting disseminated to blebby pyrite.	
VT	20.93	21.13	0.20	20			PY	60	Milky quartz veinlet hosting semi-massive pyrite. Intense phyllic altered selvages.	
VT	28.55	31.00	2.45	50		4/M	PY	15	Milky carbonate veinlets hosting disseminated pyrite.	
VN	30.28	30.34	0.06	50			PY	10	Smoky gougey quartz carbonate vein (2 cm). White banding hosting disseminated pyrite.	
VN	33.35	37.00	3.65	40		5	PY	5	Milky quartz-carbonate veins, irregular and branching 1-1.5 cm with disseminated pyrite and associated with pyrite stringers.	
ST	35.00	37.95	2.95	60		30	PY	40-100	Pyrite-carbonate stringers, irregular, discontinuous, predominantly 60 degrees TCA. Pyrite content varies from 40 to 100 % of stringers.	
VN	35.75	35.86	0.11	75		2	PY	80	2 discontinuous veins of milky quartz and massive pyrite, in silica flooded, intensely phyllic altered envelope.	
VT	37.69	37.81	0.12	40		3	PY	70	3 smoky quartz-pyrite veinlets, sheeted.	
GO	39.10	39.15	0.05				PY	15	Intensely gouged granodiorite hosting disseminated pyrite.	
ST	40.70	45.59	4.89			10/M	PY	95-100	Irregular discontinuous pyrite stringers at varying orientations. Predominantly at high angle TCA.	
GO	45.43	45.45	0.02	60			PY	5	1 cm gouge vein, grey/green with disseminated pyrite.	
VN	45.54	45.81	0.27	80			PY	60	Quartz fault zone with milky to smoky quartz and irregular bands of massive pyrite. Fine black sulphides in bands.	
VN	45.91	45.97	0.06	65			PY	30	Smoky, gougy quartz vein hosting disseminated to semi-massive pyrite.	
ST	46.12	46.55	0.43	0			PY	100	Irregular pyrite stringers parallel TCA.	
GO	47.28	47.39	0.11	65		2	PY	5	Light green gougey veins hosting disseminated pyrite.	
VN	48.38	48.40	0.02	80			PY	70	Smoky quartz veins hosting fine massive pyrite and associated pyrite stringers.	
VN	48.90	49.10	0.20	55			PY	60	Vuggy, milky to smoky quartz vein hosting irregular bands of massive pyrite in intensely phyllic altered quartz flooded envelope. Associated massive pyrite in selvage/envelope.	
VT	49.30	49.57	0.27	40		3	PY	10	Vuggy milky quartz veinlets hosting disseminated pyrite.	
GO	49.94	50.14	0.20	30			PY	10	Grey (dark to light) gougey vein with yellow oxidized quartz crystals and fine disseminated pyrite.	
VT	50.13	50.19	0.06	40			PY	40	Pyrite veinlet with smoky quartz. Irregular, roughly 40 degrees TCA.	
VT	51.10	51.58	0.48	30		3	PY	20	Many quartz veinlets, hosting disseminated to massive pyrite along rims and in selvages.	
GO	51.44	51.62	0.18	25			PY	5	grey gouge vein, hosting disseminated pyrite.	
GO	51.65	51.67	0.02	75			PY	5	yellow/grey oxidized gouge vein, disseminated pyrite.	
VT	52.00	52.08	0.08	40			PY	100	discontinuous pyrite veinlet.	
VN	52.42	52.63	0.21				PY	10	Milky to grey quartz flooded zone, vuggy, disseminated pyrite.	
GO	52.60	52.74	0.14	50			PY	5	Grey to yellow oxidized gouge, disseminated fine pyrite.	
ST	52.45	57.60	5.15			5/M	PY	100	Irregular, discontinuous pyrite stringers, varying orienations, 5/m.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	53.53	53.60	0.07	40		2	PY	20	two milky quartz-carbonate veinlets, sheeted, hosting blebby pyrite along rims.	
VT	54.73	54.93	0.20	20			PY	50	Smoky quartz veinlet hosting discontinuous pyrite stringers.	
VT	56.58	56.68	0.10	25			PY	20	Smoky quartz veinet hsoting blebby pyrite.	
VT	57.40	57.51	0.11	40		2	PY	10	Vuggy , mineralized quartz veinlets hosting disseminated pyrite.	
ST	60.96	61.75	0.79	50		10	PY	20	Fine milky stringers, quartz-carbonate hosting disseminated pyrite.	
GO	62.15	62.17	0.02	90					Grey and green gouge with clasts of green quartz feldspar porphyry dyke.	
ST	62.27	63.04	0.77	35		9	PY	30	Smoky, gougey black stringers hosting pyrite.	
VN	62.78	62.81	0.03	60			PY	5	Milky, pitted quartz-carbonate vein hosting blebby pyrite.	
VT	63.14	63.15	0.01	70			PY	80	8-9 mm veinlet, clear quartz and blebby to semi-massive pyrite.	
ST	63.27					8/M	PY	100	Discontinuous pyrite stringers, varying orientations, 8/m.	
VN	65.35	65.57	0.22	50			PY	40	Massive sulphide vein, band of massive pyrite (5 cm) and band of fine-grained massive chalcopyrite (10 cm) with disseminated pyrite blebs. Milky quartz selvages are intensely phyllic altered and gougey with irregular bands of massive pyrite and pyrite/chalcopyrite stringers.	
							CP	50		
VN	65.85	66.14	0.29	75			PY	70	Grey/white quartz vein hosting massive fine grained pyrite.	
Go/Bx	66.14	66.39	0.25	75			PY	30	Gougey breccia, phyllic altered and quartz-rich clasts in gougey matrix. Fine disseminated pyrite. Grey/black smoky at lower edge with fine granodiorite clasts.	
VN	66.80	66.90	0.10	50			PY	30	Grey quartz vein hosting blebby to semi-massive pyrite.	
VN	67.85	68.82	0.97	50			PY	70	Crustiform milky to smoky quartz veins hosting massive pyrite. Yellow/orange coloured oxidation.	
VT	69.03	69.32	0.29				PY	20	Intensely phyllic alteredzone with extensive cross-cutting milky quartz veinlets and pyrite stringers, netted. Irregula discontinuous blebs of stringers and pyrite.	
GO	69.35	69.40	0.05	65			PY	10	Orange oxidation gouge.	
VT	69.75	69.85	0.10	20			PY	40	Grey quartz veinlet hosting semi-massive pyrite associated with extensive oxidized netted stringers. Variably pyrite bearing.	
GO	71.07	71.22	0.15				PY	5	Orange oxidized gouge with grey quartz clasts and disseminated pyrite.	
GO	71.54	71.70	0.16	40			PY	1	Orange oxidized gouge with Clasts of phyllic altered granodiorite..	
ST	71.70	71.90	0.20	10			PY	100	Discontinuous. Low angle pyrite stringers.	
ST	73.26	73.29	0.03	65		2	PY	100	2 pyrite stringers	
VT	74.46	75.00	0.54	5			PY	40	Milky to clear quartz veinlets, low angle TCA hosting discontinuous pyrite stringers.	
VT	78.80	78.95	0.15	30			PY		branching grey chalcedony veinlet.	
VN	77.05	77.07	0.02	70			PY	40	smoky 1 cm quartz vein hosting blebby pyrite.	
VT	79.23	80.16	0.93	60			PY	100	discontinuous, massive pyrite veinlets with quartz-flooded selvages.	
VT	79.68	80.11	0.43	55		13	PY	10	Irregular branching milky to smoky quartz veinlets hosting disseminated pyrite, with associated pyrite stringers.	
VN	81.80	81.86	0.06	40			PY	5	3 cm quartz vein, smoky hosting disseminated pyrite predominantly along rims.	
VT	81.95		-81.95	60		5/M	PY	10	milky quartz-carbonate veinlets to stringers, 5/m, hosting disseminated pyrite along rims.	
VT	84.11	84.39	0.28	40		3	PY	10	3 smoky quartz veinlets hosting blebby pyrite.	
YN	85.01	85.04	0.03	40			PY	75	1.5 cm quartz-pyrite vein. 1 cm band of massive pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	85.91	86.02	0.11	50		2	PY	15	smoky quartz veinlets hosting disseminated pyrite.	
VT	90.38		-90.38	75			PY	5	milky to clear quartz veinlet hosting pyrite blebs.	
ST	90.73	92.05	1.32	60		6	PY	100	six pyrite stringers in phyllic envelopes.	
ST	92.20	125.43	33.23	65		5/M	PY	100	Multiple pyrite stringers, predominantly at 65 degrees TCA.	
VT	93.95	93.97	0.02	50			PY		Pink aplite dyke.	
VN	94.27	94.39	0.12	40			PY	20	Milky to somkey quartz-carbonate vein with discontinuous, massive pyrite.	
VN	96.12	96.44	0.32	35			PY	5	Grey quartz vein hosting disseminated pyrite in stringers. Orange oxidation in stringers and around pyrite.	
ST	96.80	98.87	2.07	0			PY	100	Meandering, discontinuous pyrite stringers at CA.	
VT	97.07	97.13	0.06	45			PY	100	pyrite veinlet	
VT	97.12	97.35	0.23	20			PY		1.5 cm grey aplite dyke.	
?	97.54	97.58	0.04	60			PY		irregular meandering milky quartz veinlet crosscutting pyrite stringers.	
VN	100.94	101.18	0.24	30			PY		1.2 cm milky to grey quartz vein.	
VT	102.17	102.31	0.14	30			PY	60	clear quartz-carbonate veinlet hosting blebby pyrite.	
GO	106.36	106.40	0.04				PY		orange oxidized gouge, proximal to milky quartz-carbonate veinlet.	
ST	110.46	110.92	0.46	10		2	PY	100	discontinuous branching low-angle pyrite stringers.	
VT	111.45	111.60	0.15	20			PY	15	Clear quartz-carbonate veinlet hoting blebby pyrite.	
VT	113.54	114.11	0.57	20		3	PY	70	3 sheeted clear quartz veinlets hosting blebby to semi-massive pyrite.	
VT	115.70	117.47	1.77	20		9	PY	70	9 sheeted clear quartz-carbonate veinlets hosting discontinuous semi-massive pyrites with white to dark green banded slevages. 5-10 cm seperation.	
VT	117.85	120.00	2.15	20		9	PY	60	10 sheeted clear quartz-carbonate veinlets hosting discontinuous semi-massive pyrites with white to dark green banded slevages. 5-10 cm seperation.	
VT	120.64	120.76	0.12	30			PY	40	Clear to grey quartz vein hosting pyrite blebs.	
ST	121.01	121.92	0.91	10		4	PY	10	Smoky, gougy stringers hosting disseminated pyrite. Branching.	
VN	122.05	122.47	0.42	35		2	PY	30	1.5-2.0 cm smoky quartz veins with stringers and phyllic altered selvages, hosting coarse blebby pyrite.	
VN	122.70	124.10	1.40	5			PY	70	Irregular meandering grey to clear quartz vein hosting blebby to semi-massive pyrite. White sericite selvages. Branching. Crosscuts 3 40 degrees TCA veins of same composition and texture.	
VN	124.15	125.22	1.07	25		3	PY	70	Grey quartz veins with sericite selvages, 20-30 degrees TCA. Blebby to semi-massive pyrite and associated pyrite stringers.	
VN	126.42	128.52	2.10	30		5	PY	40	5 sheeted grey quartz veins with blebby to semi-massive pyrite a 30 degrees TCA. White sericite selvages.	
VT	131.05	131.06	0.01	70			PY		Milky, unmineralized quartz veinlet with grey infilling of vugs in interior.	
VT	132.72	132.74	0.02	55			PY	80	Smoky quartz veinlet hosting blebby pyrite.	
VT	133.01	133.26	0.25	20			PY	30	Smoky quartz veinlet hosting blebby pyrite and sericite selvages.	
VN	133.55	133.62	0.07	60			PY	20	Milky to smoky crustiform banded quartz carbonate vein hosting disseminated pyrite.	
VN	133.95	134.00	0.05	60			PY	90	3 cm smoky quartz and massive pyrite vein.	
VN	134.10	134.88	0.78	20		5	PY	40	narrow smoky quartz veins hosting blebby pyrite with white sericite selvages.	
VN	135.15	135.19	0.04	55			PY	40	Discontinuous pyrite in blebs and stringers in silicious zone.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VN	136.57	138.15	1.58	20		4	PY	30	Grey quartz veins with sericite selvages hosting blebby to semi-massive quartz.	
VT	138.10	139.28	1.18	40		2	PY	60	grey quartz veinlets hosting discontinuous massive pyrite.	
VT	140.81	141.55	0.74	30			PY	45	grey quartz veinlet hosting discontinuous pyrite blebs.	
VN	141.21	141.25	0.04	60			PY	5	Crustiform quartz vein, irregular bands of white and green disseminated pyrite along rims.	
VT	141.39	141.63	0.24	65		2	PY	30	Smoky to milky quartz veinlets hosting disseminated pyrite, orange oxidation.	
ST	142.05	142.25	0.20	20			PY	100	irregular, branching meandering pyrite stringers.	
VT	142.62	143.44	0.82	60		5	PY	40	5 clear/smoky quartz veinlets with intense phyllic and sericite selvages, 60 degrees TCA hosting blebby pyrite with associated pyrite stringers.	
VT	142.99	143.01	0.02	65			PY	5	Milky quartz veinlet hosting fine disseminated pyrite along rims.	
VN	143.30	145.39	2.09	15			PY	50	Smoky irregular meandering quartz veins, 1-3 cm wide with varying widths. Hosting blebby to semi-massive coarse pyrite. Regions of intense phyllic alteration with strong white sericite selvages. Veins are crosscut and offset by higher angle pyrite stringers and veinlets. milky quartz-carbonate veinlets present.	
VN	145.98	148.18	2.20	50			PY	20	Quartz flooded vein zone with irregular smoky to black bands, fine grained tourmaline? And irregular discontinuous bands of massive pyrite.	
VN	146.38	147.60	1.22	70		3	PY	30	Smoky quartz flooded vein zones with smoky gouge veinlets. Veining hosts blebby to semi massive pyrite. White sericite selvages.	
VN	148.05	148.08	0.03	40			PY	25	Smoky quartz veins, 1 cm, hosting discontinuous pyrite blebs crosscut by creamy to beige branching quartz-carbonate veinlets.	
VN	148.70	154.60	5.90	30		28	PY	40-80	0.5 - 2 cm wide clear grey quartz veinlets and veins at 30 degrees TCA hosting blebby to semi-massive pyrite with white sericite selvages. Occasional branching and meandering with associated pyrite stringers in selvages. 30 in interval. Occasionally crosscut and offset by milky pyrite bearing quartz-carbonate veinlets and veins.	
VN	150.89	151.13	0.24	25			PY	90	Smoky gougey massive pyrite vein.	
VT	155.53	156.35	0.82	30		6	PY	70	Discontinuous grey quartz and blebby pyrite veinlets, strong sericite selvages.	
BX	156.06	156.17	0.11	65			PY	10	grey silicious breccia hosting phyllic altered clasts, crosscut by pyrite veinlets.	
VT	157.00	160.66	3.66	40		17	PY	40	Grey/clear quartz veinlets with sericite selvages, 30-50 degrees TCA, some netted/crosscutting hosting discontinuous blebby pyrite. Crosscutting occasionally by milky quartz carbonate veinlets.	
BX	158.00	158.25	0.25				PY	5	Irregular, grey silicious breccia hosting coarse phyllic altered clasts. Disseminated pyrite. Crosscut by pyrite veinlets.	
VT	161.40	164.70	3.30	20-50		16	PY	50	Grey/clear quartz veinlets with sericite selvages, 20-50 degrees TCA, some crosscutting associated pyrite stringers in selvages. Blebby to semi-massive pyrite. Crosscut by pyrite-carbonate stringers.	
VT	166.00	172.10	6.10	30-50		10/M	PY	60	Pyrite-quartz veinlets at 50 degrees TCA and with sericite selvages. 10 mineralized veinlets per meter. Finer netted pyrite stringers, varying orientations.	
VT	173.00	173.65	0.65	20-40		6	PY	80	Discontinuous pyrite stringers and veinlets with grey quartz, 20-40 degrees TCA, strong phyllic and white sericite selvages. Crosscut by pyrite stringers at 40 degrees TCA.	
ST	173.70	173.87	0.17	50		10/M	PY	100	Pyrite stringers, 10/m at 50 degrees TCA.	
VT	174.10	174.70	0.60	50		3	PY	80	3 pyrite veinlets with grey quartz, sericite selvages.	
VT	174.90	175.00	0.10	70			PY	90	irregular sinuous pyrite-quartz veinlet. Massive discontinuous pyrite.	
ST	175.00	175.33	0.33	?		7	PY	100	pyrite stringers in sericite alteration.	
ST	175.87	176.60	0.73				PY	90	pyrite and carbonate stringers intermittingly. Predominatly at low angle to core axis.	
VT	176.70	190.00	13.30	35		8/M	PY	90	Pyrite veinlets associated with occasional quartz and carbonate, 30-40 degrees TCA, 8/m. occasional pyrite veinlets at 70 degrees TCA. Bleached selvages around veinlets.	
VT	180.25	180.35	0.10	40			PY	10	Milky quartz-carbonate veinlets offsetting pyrite veinlets. Disseminated pyrite along rims.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	183.90	184.22	0.32	20		2	PY	95	2 sheeted pyrite veinlets, irregular, light white selvages.	
VT	187.66	188.60	0.94			16	PY	15	Creamy quartz veinlets and stringers, irregular, varying orientations, branching disseminated pyrite and blebby pyrite along rims. Minor vugs. White grey bleached sericite selvages.	
VN	188.40	188.45	0.05	80			PY	15	Irregular banded smoky to creamy quartz vein, with fine breccia and disseminated pyrite associated pyrite stringers and quartz stringers.	
VN	184.97	190.04	5.07	60			PY	20	irregular banded milky quartz vein, hosting disseminated blebby pyrite.	
							SP	5	irregular branching calcite veins, with associated calcite stringers.	
VN	191.19	192.05	0.86	30		3	PY		Pyrite-carbonate veinlets. Fine veinlets and stringers with varyable orientations. Carbonate pyrite stringers at 30 degrees TCA, 3/m.	
VT	191.15	229.15	38.00	55		8/M	PY	80-100	Sheeted pyrite veinlets, blebby to massive pyrite with chlorite and intense phyllic to sericitic selvages.	
VT	193.37	193.75	0.38	20		2	PY	80	2 cm quartz vein hosting semi-massive to blebby pyrite.	
VN	194.23	194.28	0.05	60			PY	80	smoky quartz vein, gougey, hosting semi-massive pyrite associated pyrite stringers.	
VN	194.55	194.68	0.13	30			PY	60	Smoky quartz vein, gougey, hosting semi-massive pyrite associated pyrite stringers.	
VT	200.00	201.20	1.20	0			PY	80	Irregular, sinuous pyrite-carbonate veinlet with light blue/grey bleaches selvages. 12 pyrite stringers per meter branch off main vein at varying orientations.	
VN	201.26	201.30	0.04	65			PY	40	Creamy to smoky quartz vein, semi-massive pyrite.	
ST	206.54	206.55	0.01	60			PY	30	Carbonate-pyrite stringers with epidote selvages.	
VN	209.17	209.24	0.07	40			PY	15	Milky to grey quartz-carbonate crustiform vein. Disseminated pyrite.	
VN	209.82	209.86	0.04	55			PY	5	1 cm milky quartz-carbonate vein with black rims, disseminated pyrite. Offset by irregular calcite flooding.	
ST	215.00	215.79	0.79	30			PY	90	Netted pyrite-carbonate stringers and veinlets. Predominantly irregular at 30 degrees TCA.	
ST	218.00	218.75	0.75	20			PY	90	Netted pyrite stringers with carbonate.	
ST	220.56	223.60	3.04	15		15	PY	90	pyrite stringers with bleached selvages. Irregular with branching and netted stringers.	
ST	223.75	226.10	2.35	20			PY	90	Netted pyrite fine stringers, predominantly low angle with branching and crosscutting stringers of carbonate.	
VN	226.10	226.22	0.12	40			PY	15	smoky to creamy irregular quartz-carbonate vein hosting disseminated fine pyrite and irregular bands.	
ST	227.00	227.55	0.55	50			PY	70	pyrite-carbonate stringers.	
ST	228.00	229.20	1.20				PY	80	Netted black pyrite and carbonate stringers.	
VT	228.60	228.90	0.30	45		3	PY	70	3 pyrite veinlets at 40-80 degrees TCA.	
VN	229.80	229.92	0.12	80			PY	40	Smoky quartz flooded zone hosting massive pyrite.	
VT	230.02	240.50	10.48	40		8/M	PY	95	pyrite veinlets with associated carbonate, crosscut by carbonate stringers and offset. Sericitic to intense phyllic altered selvages around stringers.	
VN	230.68	230.70	0.02	80			PY	20	Milky white banded quartz-carbonate vein hosting disseminated pyrite.	
DY?	230.00	230.15	0.15				PY	5	gougey silicious, possible dyke.	
VT	231.34	231.37	0.03	50			PY	5	Smoky discontinuous quartz veinlets with discontinuous tan carbonate.	
VN	231.45	231.51	0.06	75			PY	100	5 cm massive pyrite vein. Pyrite stringers, netted, in surrounding sericitic and white phyllic altered selvages.	
ST	231.17	235.17	4.00	20		3	PY	100	pyrite stringers, sinuous and irregular at 15-20 degrees TCA. Sericitic selvages.	
VN	234.36	234.47	0.11	80			PY	15	Quartz flooded zone, with smoky to black quartz and blebby to disseminated pyrite.	
VN	235.00	235.15	0.15	50			PY	10	quartz flooded zone with smoky to black quartz and blebby to disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
GO	236.34	236.37	0.03	55					quartz flooded, intense phyllic altered zone hosting blebby to stringy pyrite.	
ST	238.28	238.41	0.13	60			PY	90	Netted pyrite stringers, predominatly at 60 degrees TCA.	
ST	238.77	239.31	0.54	50		6	PY	80	Pyrite-quartz stringers with clear to smoky quartz and sericitic selvages. Predominantly 50 degrees TCA.	
ST	239.75	240.34	0.59				PY	100	Sericitic and phyllic altered zone with netted irregular pyrite stringers and crosscutting carbinate stringers and veinlets	
ST	240.70	241.88	1.18	30		35/M	PY	100	Irregular discontinuous pyrite stringers.	
ST	242.10	242.95	0.85	15		7	PY	80	Sinuous, irregular pyrite-quartz stringers with sericitic selvages.	
ST	243.05	245.50	2.45	45		10/M	PY	100	Pyrite stringers with sericitic selvages at 40-50 degrees TCA, crosscut by discontinuous low-angle branching pyrite stringers.	
VT	244.98	245.35	0.37	5			PY	80	Sinuous veinlet, clear to smoky quartz, blebby to semi-massive pyrite.	
VT	246.03	249.30	3.27	60			PY	100	Clear quartz veinlets and stringers, 5/m, hosting blebby to stringy pyrite.	
VT	248.55	249.11	0.56	10		1			Irregular discontinuous pyrite -smoky quartz veinlet, sinuous with sericitic selvages.	
VT	254.54	254.56	0.02	55			PY	40	Smoky quartz veinlet with disseminated to blebby pyrite, offset by low-angle carbonate stringers.	
VN	255.26	255.29	0.03	85			PY	15	Smoky to black irregular banded crustiform quartz vein, hosting disseminated pyrite associated pyrite and black stringers.	
ST	256.75	257.25	0.50	55		10/M	PY	100	fine discontinuous pyrite stringers. 10/m.	
ST	258.30	260.50	2.20	25			PY	100	Netted pyrite stringers with intense phyllic selvages. Predominantly low angle. Irregular and discontinuous.	
ST	260.60	263.62	3.02	5		15	PY	90	Stringy sheeted pyrite with smoky quartz and intense phyllic selvages associated crosscutting fine pyrite stringers.	
GO	262.20	262.22	0.02	70			PY	5	Light to dark yellow gouge. Disseminated pyrite.	
ST	264.05	267.31	3.26	20		8/M	PY	90	Discontinuous sheeted pyrite stringers to veinlets with smoky quartz in stringers and in intense phyllic selvages.	
DY	265.66	265.72	0.06	40					red pink aplite dyke.	
DY	268.05	268.28	0.23	20					red/pink alpite dyke crosscut by carbonate stringers.	
ST	267.40	279.30	11.90	60		5/M	PY	100	fine discontinuous pyrite stringers, predominantly 60 degrees TCA.	
VT	268.93	268.95	0.02	65			PY	5	Milky quartz-carbonate veinlet hosting stringy pyrite in phyllic altered selvages.	
ST	271.60	271.82	0.22	15		2	PY	80	Discontinuous pyrite stringers with smoky quartz in stringers and selvages.	
VT	272.92	273.83	0.91	65		2	PY	90	smoky irregular pyrite-quartz veinlets with intense phyllic altered selvages.	
ST	273.07	275.05	1.98	10		11	PY	80	Pyrite stringer, discontinuous. Smoky quartz in stringers and selvages.	
VN	274.43	274.53	0.10	55			PY	5	Smoky quartz vein with fine clasts, disseminated pyrite.	
ST	249.36	282.55	33.19			12/M	PY	90	Lightly netted pyrite stringers, varying orienations, smoky quartz in selvages.	
VT	282.54	283.15	0.61	70		9	PY	5	Milky quartz-carbonate veinlets with stringy pyrite along selvages. Crosscutting pyrite stringers.	
ST	282.57	287.20	4.63	25		10/M	PY	80	Discontinuous pyrite stringers with intense phyllic and sericitic altered selvages. Predominantly at low angle TCA.	
VN	288.02	288.05	0.03	70			PY	5	Grey quartz vein with disseminated pyrite.	
VT	288.30	288.34	0.04	35			PY	90	stringy pyrite veinlet with sericitic selvages.	
VT	288.60	288.62	0.02	55			PY	90	stringy pyrite veinlet with phyllic altered quartz rich selvages.	
VN	288.69	288.95	0.26	70			PY	35	Crustiform irregular banded milky to smoky quartz vein hosting blebby to semi-massive pyrite. Intense phyllic and sericitic altered selvages with associated pyrite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
VT	289.20	294.31	5.11	45		16	PY	1	Milky irregular quartz veinlets, braided, fine disseminated pyrite.	
ST	289.50	289.76	0.26			7	PY	40	netted pyrite stringers.	
VT	290.44	295.26	4.82	20		8	PY	80	sheeted pyrite quartz veinlets with sericitic and intense phyllic altered selvages associated parallel stringers of pyrite.	
VT	291.43	292.00	0.57	10			PY	15	Smoky quartz veinlet with disseminated stringy pyrite. Crosscut by milky quartz and pyrite stringers.	
VN	294.64	294.74	0.10	50			PY	30	smoky to milky irregular banded quartz-carbonate vein, hosting blebby pyrite and crosscut by pyrite stringers.	
ST	295.26	296.78	1.52	30		12	PY	100	sheeted irregular pyrite stringers with intense quartz rich phyllic altered selvages crosscut by fine pyrite stringers at varying orientations.	
ST	298.18	298.99	0.81	15		3	PY	100	Sinuous pyrite stringers with intense quartz rich phyllic altered slevages. Crosscut by fine pyrite stringers at varying orientations.	
ST	294.05	300.84	6.79	50			PY	90	irregular pyrite stringers, 4/m predominantly 50 degrees TCA.	
VN	283.90	284.10	0.20	60				5	grey quartz vein, possible dyke.	

EOH @ 300.84 m.

KLAZA

Hole: KL-12-126 **Date: September 8, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
11.81	1470	1735	698	435.3	GRD		ARG	4I	Py	1	2.633962	2.657023	Argillic altered GRD with disseminated PY
33.05	1455	1795	914.8	575.9	GRD	MA	PRO	2			2.690588	2.699321	Weakly propylitic altered GRD, unmineralized
			2001.6									1	2 kg calibration
51.98	1455	1785	933.6	602.4	GRD	EN	PHC	4I	Py	15	2.829091	2.818841	Strongly phyllic GRD hosting Py stringers
65.75	1455	1680	836.9	609.5	GRD	VN	PHC	5I	Py	70	3.719556	3.680299	Milky quartz vein hosting massive Py and interstitial Cp
							SIL	4I	Cp	5			
92.14	1475	1800	593.2	370.9	GRD	MA	PRO	2	Py	2	1.825231	2.668466	Weak propylitic altered GRD blebby Py
117.8	1475	1855	765.2	488.2	GRD		PHC	4I	Py	10	2.013684	2.762455	Phyllic altered GRD with colourless Qz vein hosting blebby to semi-massive Py
							SIL	2I					
147.6	1530	1920	1049.8	589.9	GRD		SIL	2I	Py	10	2.691795	2.28267	Sericitc altered GRD around blebby Py bearing smoky Qz vein with intense PHCselvages
							SER	4I					
							PHC	5I					
158.02	1530	1820	787.3	494	GRD	BX	PHC	4I	Py	5	2.714828	2.684282	Grey, quartz breccia vein with clasts of Py bearing smoky Qz veins
			2001.7									1	2kg calibration
174.28	1530	1875	950.7	608.6	x				Py	5	2.755652	2.779012	Dark grey/green country rock crosscut by Py stringers
179.2	1530	1835	837.6	533	x				Py	5	2.74623	2.749836	Dark grey/green country rock crosscut by Py stringers
214.17	1505	1740	592.7	366.7	x				Py	15	2.522128	2.622566	Tan-gren, fine grained country rock with Py stringers and disseminated Py
221.47	1505	1820	866.6	560.1	x	MO			Py	15	2.751111	2.827406	Mottled pink-tan country rock hosting disseminated Py, Py stringers and bleached selvages
244.97	1495	1730	660	427.4	GRD		SER	3I	Py	10	2.808511	2.837489	Sericitic phyllic altered GRD with Py-Qz discontinued veinlets and blebby Py

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							PHC	4I					
256.01	1495	1700	531.4	326.5	GRD		PRO	3I	Py	2	2.592195	2.59346	Propylitic GRD with diss Py
276	1495	1790	710.6	417.9	GRD		ARG	4I			2.408814	2.427742	Argillic GRD with trace phyllic overprinting
							PHC	1I					
288.83	1480	1695	784.1	570.9	GRD	VN	PHC	4I	Py	35	3.646977	3.677767	Milky to smoky Qz vein hosting blebby to semi massive Py
							SIL	5I					

KLAZA

Hole: KL-12-126 **Date: September 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
2.00	4.57	2.57	1.05	40.9	M359663	126-1				rubble
4.57	8.23	3.66	1.65	45.1	M359664	126-1				rubble
8.23	11.11	2.88	1.46	50.7	M359665	126-1				
					M359666	126-1				KL-STD-2
11.11	13.50	2.39	2.31	96.7	M359667	126-1				
13.50	14.50	1.00	1.00	100	M359668	126-1				
14.50	15.50	1.00	1.00	100	M359669	126-1				
15.50	17.00	1.50	1.45	96.7	M359670	126-1				
17.00	18.00	1.00	1.00	100	M359671	126-1				
					M359672	126-1				COARSE REJECT DUPLICATE
18.00	19.87	1.87	1.77	94.7	M359673	126-1				
19.87	21.17	1.30	1.30	100	M359674	126-1				
21.17	22.60	1.43	1.41	98.6	M359675	126-1				
22.60	24.10	1.50	1.50	100	M359676	126-1				
24.10	25.10	1.00	1.00	100	M359677	126-1				
25.10	26.10	1.00	0.99	99	M359678	126-1				
26.10	27.35	1.25	1.25	100	M359679	126-1				
27.35	28.56	1.21	1.13	93.4	M359680	126-1				
					M359681	126-1				1/4 DUPLICATE
28.56	29.66	1.10	1.10	100	M359682	126-1				
29.66	30.66	1.00	1.00	100	M359683	126-1				
30.66	33.34	2.68	2.55	95.1	M359684	126-1				
					M359685	126-1				KL-STD-2
33.34	34.71	1.37	1.36	99.3	M359686	126-1				
34.71	35.71	1.00	1.00	100	M359687	126-1				
35.71	37.02	1.31	1.31	100	M359688	126-1				
					M359689	126-1				BLANK
37.02	38.02	1.00	0.99	99	M359690	126-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
38.02	40.00	1.98	1.85	93.4	M359691	126-1				
40.00	41.76	1.76	1.70	96.6	M359692	126-1				
41.76	43.26	1.50	1.49	99.3	M359693	126-1				
43.26	45.12	1.86	1.84	98.9	M359694	126-1				
45.12	46.12	1.00	0.97	97	M359695	126-1				
					M359696	126-1				BLANK
46.12	47.12	1.00	0.98	98	M359697	126-1				
47.12	48.35	1.23	1.23	100	M359698	126-1				
48.35	49.55	1.20	1.20	100	M359699	126-2				
49.55	50.55	1.00	1.00	100	M359700	126-2				
50.55	51.70	1.15	1.13	98.3	M359701	126-2				
51.70	52.70	1.00	1.00	100	M359702	126-2				
52.70	53.95	1.25	1.25	100	M359703	126-2				
					M359704	126-2				COARSE REJECT DUPLICATE
53.95	55.10	1.15	1.15	100	M359705	126-2				
55.10	56.60	1.50	1.48	98.7	M359706	126-2				
56.60	57.60	1.00	1.00	100	M359707	126-2				
57.60	59.60	2.00	1.87	93.5	M359708	126-2				
59.60	60.95	1.35	1.35	100	M359709	126-2				
					M359710	126-2				KL-STD-1
60.95	62.25	1.30	1.25	96.2	M359711	126-2				
62.25	63.25	1.00	1.00	100	M359712	126-2				
63.25	64.30	1.05	1.05	100	M359713	126-2				
64.30	65.30	1.00	1.00	100	M359714	126-2				
65.30	66.40	1.10	1.07	97.3	M359715	126-2				
					M359716	126-2				BLANK
66.40	67.80	1.40	1.40	100	M359717	126-2				
67.80	68.95	1.15	1.05	91.3	M359718	126-2				
					M359719	126-2				BLANK
68.95	69.95	1.00	1.00	100	M359720	126-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
69.95	70.98	1.03	1.03	100	M359721	126-2				
70.98	72.53	1.55	1.48	95.5	M359722	126-2				
72.53	73.70	1.17	1.10	94	M359723	126-2				
73.70	75.05	1.35	1.25	92.6	M359724	126-2				
75.05	77.05	2.00	2.00	100	M359725	126-2				
					M359726	126-2				1/4 DUPLICATE
77.05	78.73	1.68	1.48	88.1	M359727	126-2				
78.73	79.93	1.20	1.11	92.5	M359728	126-2				
79.93	81.38	1.45	1.44	99.3	M359729	126-2				
					M359730	126-2				KL-STD-3
81.38	82.96	1.58	1.57	99.4	M359731	126-2				
82.96	84.08	1.12	1.12	100	M359732	126-2				
84.08	85.08	1.00	1.00	100	M359733	126-2				
85.08	86.58	1.50	1.41	94	M359734	126-2				
86.58	88.15	1.57	1.54	98.1	M359735	126-3				
88.15	89.15	1.00	0.99	99	M359736	126-3				
89.15	90.53	1.38	1.31	94.9	M359737	126-3				
					M359738	126-3				KL-STD-2
90.53	92.88	2.35	2.24	95.3	M359739	126-3				
92.88	93.88	1.00	0.98	98	M359740	126-3				
93.88	94.88	1.00	1.00	100	M359741	126-3				
94.88	95.88	1.00	1.00	100	M359742	126-3				
95.88	96.88	1.00	0.97	97	M359743	126-3				
					M359744	126-3				BLANK
96.88	98.92	2.04	2.02	99	M359745	126-3				
98.92	100.94	2.02	2.01	99.5	M359746	126-3				
100.94	102.31	1.37	1.37	100	M359747	126-3				
102.31	103.31	1.00	1.00	100	M359748	126-3				
103.31	105.85	2.54	2.44	96.1	M359749	126-3				
					M359750	126-3				COARSE REJECT DUPLICATE
105.85	106.85	1.00	1.00	100	M359751	126-3				
106.85	108.85	2.00	2.00	100	M359752	126-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
108.85	110.43	1.58	1.57	99.4	M359753	126-3				
					M359754	126-3				KL-STD-2
110.43	111.86	1.43	1.43	100	M359755	126-3				
111.86	113.55	1.69	1.69	100	M359756	126-3				
113.55	114.60	1.05	1.05	100	M359757	126-3				
114.60	115.60	1.00	0.98	98	M359758	126-3				
115.60	116.82	1.22	1.16	95.1	M359759	126-3				
116.82	117.82	1.00	1.00	100	M359760	126-3				
117.82	118.87	1.05	1.04	99	M359761	126-3				
118.87	120.05	1.18	1.16	98.3	M359762	126-3				
					M359763	126-3				BLANK
120.05	122.26	2.21	2.19	99.1	M359764	126-3				
122.26	124.26	2.00	1.92	96	M359765	126-3				
124.26	125.26	1.00	0.99	99	M359766	126-3				
125.26	126.40	1.14	1.14	100	M359767	126-3				
					M359768	126-3				1/4 DUPLICATE
126.40	128.60	2.20	2.10	95.5	M359769	126-3				
128.60	130.15	1.55	1.54	99.4	M359770	126-3				
130.15	132.50	2.35	2.35	100	M359771	126-4				
132.50	133.70	1.20	1.20	100	M359772	126-4				
133.70	135.30	1.60	1.60	100	M359773	126-4				
135.30	136.57	1.27	1.27	100	M359774	126-4				
					M359775	126-4				COARSE REJECT DUPLICATE
136.57	138.23	1.66	1.58	95.2	M359776	126-4				
138.23	139.29	1.06	1.05	99.1	M359777	126-4				
					M359778	126-4				KL-STD-2
139.29	140.47	1.18	1.18	100	M359779	126-4				
140.47	141.47	1.00	1.00	100	M359780	126-4				
141.47	142.61	1.14	1.14	100	M359781	126-4				
142.61	143.70	1.09	1.07	98.2	M359782	126-4				
143.70	145.40	1.70	1.66	97.6	M359783	126-4				
145.40	147.30	1.90	1.89	99.5	M359784	126-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M359785	126-4				BLANK
147.30	148.44	1.14	1.13	99.1	M359786	126-4				
148.44	150.18	1.74	1.74	100	M359787	126-4				
150.18	151.41	1.23	1.14	92.7	M359788	126-4				
151.41	152.51	1.10	0.99	90	M359789	126-4				
					M359790	126-4				BLANK
152.51	153.77	1.26	1.32	105	M359791	126-4				
153.77	154.90	1.13	1.13	100	M359792	126-4				
154.90	156.40	1.50	1.50	100	M359793	126-4				
156.40	157.40	1.00	1.00	100	M359794	126-4				
157.40	159.67	2.27	2.22	97.8	M359795	126-4				
159.67	160.67	1.00	1.00	100	M359796	126-4				
160.67	161.97	1.30	1.27	97.7	M359797	126-4				
161.97	163.07	1.10	1.09	99.1	M359798	126-4				
163.07	165.07	2.00	2.00	100	M359799	126-4				
165.07	166.07	1.00	0.94	94	M359800	126-4				
					M359801	126-4				1/4 DUPLICATE
166.07	167.57	1.50	1.50	100	M359802	126-4				
					M359803	126-4				KL-STD-2
167.57	169.30	1.73	1.67	96.5	M359804	126-4				
169.30	170.83	1.53	1.52	99.3	M359805	126-4				
170.83	172.20	1.37	1.36	99.3	M359806	126-4				
172.20	173.70	1.50	1.47	98	M359807	126-5				
173.70	175.87	2.17	2.17	100	M359808	126-5				
175.87	178.92	3.05	3.04	99.7	M359809	126-5				
178.92	179.92	1.00	1.00	100	M359810	126-5				
179.92	181.97	2.05	2.05	100	M359811	126-5				
181.97	185.01	3.04	3.02	99.3	M359812	126-5				
					M359813	126-5				KL-STD-2
185.01	187.45	2.44	2.44	100	M359814	126-5				
187.45	188.50	1.05	1.03	98.1	M359815	126-5				
188.50	189.50	1.00	0.97	97	M359816	126-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
189.50	190.50	1.00	0.99	99	M359817	126-5				
					M359818	126-5				BLANK
190.50	193.15	2.65	2.65	100	M359819	126-5				
193.15	194.17	1.02	1.01	99	M359820	126-5				
194.17	195.17	1.00	0.96	96	M359821	126-5				
195.17	197.57	2.40	2.40	100	M359822	126-5				
					M359823	126-5				COARSE REJECT DUPLICATE
197.57	198.62	1.05	1.04	99	M359824	126-5				
198.62	200.43	1.81	1.81	100	M359825	126-5				
200.43	202.35	1.92	1.80	93.8	M359826	126-5				
202.35	204.40	2.05	2.00	97.6	M359827	126-5				
					M359828	126-5				KL-STD-3
204.40	205.80	1.40	1.40	100	M359829	126-5				
205.80	208.80	3.00	2.91	97	M359830	126-5				
208.80	210.40	1.60	1.60	100	M359831	126-5				
					M359832	126-5				1/4 DUPLICATE
210.40	212.45	2.05	2.05	100	M359833	126-5				
212.45	215.49	3.04	3.04	100	M359834	126-5				
215.49	217.14	1.65	1.57	95.2	M359835	126-5				
217.14	218.80	1.66	1.64	98.8	M359836	126-5				
218.80	220.00	1.20	1.14	95	M359837	126-5				
220.00	221.59	1.59	1.59	100	M359838	126-5				
221.59	224.64	3.05	3.04	99.7	M359839	126-5				
224.64	226.09	1.45	1.45	100	M359840	126-5				
226.09	227.69	1.60	1.57	98.1	M359841	126-5				
					M359842	126-5				BLANK
227.69	229.22	1.53	1.45	94.8	M359843	126-6				
229.22	230.52	1.30	1.27	97.7	M359844	126-6				
230.52	231.82	1.30	1.30	100	M359845	126-6				
231.82	232.82	1.00	1.00	100	M359846	126-6				
232.82	234.26	1.44	1.44	100	M359847	126-6				
234.26	235.26	1.00	0.96	96	M359848	126-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M359849	126-6				BLANK
235.26	237.26	2.00	1.92	96	M359850	126-6				
237.26	239.72	2.46	2.46	100	M359851	126-6				
					M359852	126-6				COARSE REJECT DUPLICATE
239.72	240.83	1.11	1.06	95.5	M359853	126-6				
240.83	242.10	1.27	1.27	100	M359854	126-6				
242.10	243.72	1.62	1.59	98.1	M359855	126-6				
243.72	245.82	2.10	2.10	100	M359856	126-6				
245.82	248.43	2.61	2.59	99.2	M359857	126-6				
248.43	249.93	1.50	1.45	96.7	M359858	126-6				
249.93	250.93	1.00	0.96	96	M359859	126-6				
					M359860	126-6				KL-STD-2
250.93	252.07	1.14	1.05	92.1	M359861	126-6				
252.07	254.27	2.20	2.10	95.5	M359862	126-6				
					M359863	126-6				1/4 DUPLICATE
254.27	255.57	1.30	1.30	100	M359864	126-6				
255.57	258.12	2.55	2.52	98.8	M359865	126-6				
258.12	260.12	2.00	1.95	97.5	M359866	126-6				
260.12	262.28	2.16	2.16	100	M359867	126-6				
262.28	263.64	1.36	1.32	97.1	M359868	126-6				
					M359869	126-6				BLANK
263.64	265.44	1.80	1.78	98.9	M359870	126-6				
265.44	267.31	1.87	1.86	99.5	M359871	126-6				
267.31	270.36	3.05	3.01	98.7	M359872	126-6				
					M359873	126-6				KL-STD-2
270.36	272.96	2.60	2.53	97.3	M359874	126-6				
272.96	274.70	1.74	1.74	100	M359875	126-6				
274.70	276.43	1.73	1.64	94.8	M359876	126-6				
276.43	279.07	2.64	2.64	100	M359877	126-6				
279.07	281.37	2.30	2.15	93.5	M359878	126-6				
281.37	282.37	1.00	1.00	100	M359879	126-7				
282.37	283.57	1.20	1.19	99.2	M359880	126-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
283.57	285.57	2.00	1.82	91	M359881	126-7				
					M359882	126-7				COARSE REJECT DUPLICATE
285.57	288.21	2.64	2.64	100	M359883	126-7				
288.21	289.21	1.00	1.00	100	M359884	126-7				
					M359885	126-7				BLANK
289.21	291.03	1.82	1.82	100	M359886	126-7				
291.03	293.89	2.86	2.84	99.3	M359887	126-7				
293.89	294.89	1.00	0.98	98	M359888	126-7				
					M359889	126-7				BLANK
294.89	296.78	1.89	1.88	99.5	M359890	126-7				
296.78	297.78	1.00	1.00	100	M359891	126-7				
297.78	300.84	3.06	3.06	100	M359892	126-7				
										EOH

KLAZA

Hole: KL-12-126 **Tech Name:** **Date: September 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.00	3.05	1.05	0.55	52	0.00	0		1	0	4	
3.05	4.57	1.52	0.45	30	0.00	0		1	0	4	
4.57	5.49	0.92	0.76	83	0.59	64		2	3	2	
5.49	6.10	0.61	0.40	66	0.00	0		1	0	3	
6.10	8.23	2.13	0.57	27	0.26	12		2	3	2	
8.23	11.28	3.05	1.66	54	0.30	10		2	2	3	
11.28	14.33	3.05	3.05	100	2.05	67		2	3	2	
14.33	17.37	3.04	3.02	99	2.23	73		2	2	2	
17.37	20.42	3.05	2.96	97	2.80	92		2	3	2	
20.42	23.47	3.05	3.00	98	2.27	74		2	3	2	
23.47	26.52	3.05	3.02	99	2.45	80		2	3	2	
26.52	29.59	3.07	3.01	98	2.50	81		2	3	2	
29.59	32.61	3.02	2.95	98	2.30	76		2	3	1	
32.61	35.66	3.05	2.80	92	2.50	82		2	3	1	
35.66	38.71	3.05	2.92	96	2.62	86		2	3	3	
38.71	41.76	3.05	2.56	84	0.28	9		2	1	2	
41.76	44.81	3.05	3.01	99	0.26	9		1	2	2	
44.81	47.85	3.04	3.05	100	2.30	76		1	1	2	
47.85	50.90	3.05	3.05	100	2.75	90		2	1	1	
50.90	53.95	3.05	3.05	100	2.84	93		2	3	2	
53.95	57.00	3.05	3.02	99	2.62	86		2	3	1	
57.00	60.05	3.05	2.83	93	1.42	47		2	1	2	
60.05	63.09	3.04	3.01	99	2.53	83		2	1	2	
63.09	66.14	3.05	3.00	98	2.03	67		2	2	2	
66.14	69.19	3.05	2.98	98	2.90	95		2	1	1	
69.19	72.24	3.05	2.95	97	2.40	79		2	1	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
72.24	75.29	3.05	2.92	96	0.13	4		1	2	3	
75.29	78.33	3.04	2.91	96	0.00	0		1	0	4	
78.33	81.38	3.05	2.84	93	1.75	57		1	0	4	
81.38	84.43	3.05	3.04	100	1.42	47		2	3	2	
84.43	87.48	3.05	2.88	94	1.99	65		2	3	2	
87.48	90.53	3.05	2.93	96	2.10	69		2	3	2	
90.53	93.57	3.04	2.90	95	2.57	85		2	3	2	
93.57	96.62	3.05	3.04	100	2.05	67		2	3	2	
96.62	99.67	3.05	3.01	99	2.17	71		2	3	2	
99.67	102.72	3.05	2.99	98	2.10	69		2	3	2	
102.72	105.77	3.05	2.94	96	1.20	39		1	2	1	
105.77	108.81	3.04	3.02	99	2.15	71		2	3	1	
108.81	111.86	3.05	3.08	101	2.37	78		2	3	2	
111.86	114.91	3.05	3.06	100	2.83	93		2	3	1	
114.91	117.96	3.05	2.95	97	2.75	90		2	3	1	
117.96	121.00	3.04	2.98	98	2.43	80		2	3	1	
121.00	124.05	3.05	2.91	95	2.13	70		1	2	1	
124.05	127.10	3.05	2.93	96	1.40	46		2	3	1	
127.10	130.15	3.05	2.92	96	2.32	76		2	3	1	
130.15	133.20	3.05	3.10	102	2.09	69		2	3	1	
133.20	136.25	3.05	3.18	104	2.95	97		2	3	1	
136.25	139.29	3.04	2.90	95	2.46	81		2	3	1	
139.29	142.34	3.05	3.01	99	2.28	75		1	2	1	
142.34	145.39	3.05	2.91	95	1.79	59		1	0	1	
145.39	148.44	3.05	2.99	98	1.45	48		1	2	1	
148.44	151.49	3.05	2.92	96	2.73	90		2	3	1	
151.49	154.53	3.04	3.00	99	2.66	88		2	3	1	
154.53	157.58	3.05	3.05	100	2.50	82		2	3	1	
157.58	160.63	3.05	3.05	100	2.59	85		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
160.63	163.68	3.05	3.00	98	2.58	85		2	3	1	
163.68	166.73	3.05	3.00	98	2.04	67		2	3	1	
166.73	169.77	3.04	2.90	95	1.74	57		2	2	1	
169.77	172.82	3.05	2.91	95	1.40	46		1	3	1	
172.82	175.87	3.05	3.05	100	2.50	82		2	3	1	
175.87	178.92	3.05	3.04	100	2.48	81		2	3	1	
178.92	181.97	3.05	3.07	101	1.52	50		2	3	1	
181.97	185.01	3.04	2.91	96	1.65	54		2	3	1	
185.01	188.06	3.05	2.94	96	1.21	40		2	3	1	
188.06	191.11	3.05	2.97	97	1.28	42		2	3	1	
191.11	194.16	3.05	2.94	96	2.01	66		2	3	1	
194.16	197.21	3.05	3.04	100	1.37	45		2	1	1	
197.21	200.25	3.04	3.05	100	1.46	48		2	3	1	
200.25	203.30	3.05	2.85	93	1.96	64		2	2	1	
203.30	206.35	3.05	3.05	100	2.13	70		2	3	1	
206.35	209.40	3.05	2.95	97	1.85	61		2	2	1	
209.40	212.45	3.05	2.76	90	0.79	26		1	2	1	
212.45	215.49	3.04	2.89	95	0.61	20		1	1	1	
215.49	218.54	3.05	2.92	96	2.20	72		2	3	1	
218.54	221.59	3.05	2.98	98	2.31	76		2	3	1	
221.59	224.64	3.05	3.03	99	2.42	79		2	3	1	
224.64	227.69	3.05	2.86	94	1.62	53		2	2	1	
227.69	230.73	3.04	2.96	97	1.43	47		1	2	1	
230.73	233.78	3.05	3.04	100	2.30	75		2	3	1	
233.78	236.83	3.05	2.93	96	2.26	74		2	2	1	
236.83	239.88	3.05	2.97	97	1.44	47		2	4	1	
239.88	242.93	3.05	2.93	96	2.09	69		2	3	1	
242.93	245.97	3.04	2.97	98	2.62	86		2	3	1	
245.97	249.02	3.05	2.97	97	2.36	77		2	3	1	
249.02	252.07	3.05	2.74	90	1.25	41		1	1	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
252.07	255.12	3.05	2.97	97	0.10	3		1	1	1	
255.12	258.17	3.05	3.05	100	1.72	56		1	1	1	
258.17	261.21	3.04	2.98	98	2.54	84		2	3	1	
261.21	264.26	3.05	3.00	98	2.60	85		2	2	1	
264.26	267.39	3.13	3.00	96	2.88	92		2	3	1	
267.39	270.36	2.97	2.96	100	2.63	89		2	3	1	
270.36	273.41	3.05	2.93	96	2.60	85		2	3	1	
273.41	276.45	3.04	2.80	92	1.83	60		2	3	1	
276.45	279.50	3.05	2.79	91	2.27	74		2	1	1	
279.50	282.55	3.05	2.99	98	1.95	64		2	3	1	
282.55	285.60	3.05	3.00	98	2.60	85		2	3	1	
285.60	288.65	3.05	3.05	100	2.90	95		2	3	1	
288.65	291.69	3.04	3.05	100	2.87	94		2	3	1	
291.69	294.74	3.05	3.05	100	2.89	95		2	3	1	
294.74	297.78	3.04	3.05	100	2.79	92		2	3	1	
297.78	300.84	3.06	3.05	100	2.66	87		2	3	1	
	EOH @ 300.84m										

KLAZA

Hole: KL-12-126 **Tech Name:** **Date: Se** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
2.00	3.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	
3.05	4.57	1.52		0.00	0.00	0.00	0.00	0.00	
4.57	5.49	0.92	0.00	0.00	0.00	0.00	0.00	0.00	
5.49	6.10	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
6.10	8.23	2.13	0.00	0.00	0.00	0.00	0.00	0.00	
8.23	11.28	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
11.28	14.33	3.05	65.00	0.55	0.00	2.00	3r	3w	
14.33	17.37	3.04	60.00	0.62	0.00	2.00	2r	2w	
17.37	20.42	3.05	60.00	1.20	0.00	1.00	2.00	2.00	
20.42	23.47	3.05	65.00	1.52	0.00	1.00	2.00	3.00	
23.47	26.52	3.05	55.00	1.21	0.00	2.00	2.00	2.00	
26.52	29.59	3.07	0.00	0.00	0.00	0.00	0.00	0.00	
29.59	32.61	3.02	75.00	0.42	0.00	2.00	2.00	2.00	
32.61	35.66	3.05	60.00	0.72	0.00	2.00	2.00	1.00	
35.66	38.71	3.05	65.00	0.85	20.00	32.00	2.00	2.00	
38.71	41.76	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
41.76	44.81	3.05	45.00	0.20	0.00	2.00	2.00	2.00	
44.81	47.85	3.04	60.00	0.72	0.00	3.00	2.00	2.00	
47.85	50.90	3.05	60.00	0.78	0.00	3.00	2.00	2.00	
50.90	53.95	3.05	55.00	0.54	0.00	2.00	3.00	2.00	
53.95	57.00	3.05	60.00	0.48	0.00	2.00	2.00	1.00	
57.00	60.05	3.05	50.00	0.32	0.00	3.00	2.00	1.00	
60.05	63.09	3.04	65.00	0.56	0.00	2.00	2.00	1.00	
63.09	66.14	3.05	60.00	0.82	0.00	3.00	2.00	2.00	
66.14	69.19	3.05	60.00	0.95	0.00	3.00	2.00	2.00	
69.19	72.24	3.05	60.00	0.47	0.00	2.00	2.00	2.00	
72.24	75.29	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
75.29	78.33	3.04	50.00	0.15	0.00	2.00	2.00	4.00	
78.33	81.38	3.05	0.00	0.00	0.00	0.00	0.00	0.00	

KLAZA

81.38	84.43	3.05	0.00	0.00	0.00	0.00	0.00		
84.43	87.48	3.05	45.00	0.80	0.00	2.00	2.00	2.00	
87.48	90.53	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
90.53	93.57	3.04	45.00	0.30	0.00	2.00	2.00	2.00	
93.57	96.62	3.05	40.00	0.05	0.00	2.00	3.00	2.00	additional joint set: 65, .36, 0, 1, 3, 2
96.62	99.67	3.05	70.00	0.12	0.00	2.00	3.00	1.00	additional joint set: 50, .5, 0. 2, 2, 1
99.67	102.72	3.05	60.00	0.65	0.00	2.00	2.00	1.00	2.00
102.72	105.77	3.05	85.00	0.15	0.00	1.00	2.00	1.00	additional joint set: 45, 1, 1, 1, 2, 1
105.77	108.81	3.04	65.00	0.20	0.00	1.00	2.00	1.00	
108.81	111.86	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
111.86	114.91	3.05	45.00	0.10	0.00	2.00	3.00	1.00	
114.91	117.96	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
117.96	121.00	3.04	60.00	0.40	0.00	2.00	3.00	1.00	
121.00	124.05	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
124.05	127.10	3.05	50.00	0.10	0.00	2.00	2.00	1.00	
127.10	130.15	3.05	25.00	0.42	1.00	2.00	2.00	1.00	
130.15	133.20	3.05	75.00	0.20	0.00	1.00	2.00	1.00	additional joint set: 50, 325, 0. 2, 3, 1
133.20	136.25	3.05	50.00	1.25	0.00	2.00	2.00	1.00	
136.25	139.29	3.04	45.00	0.48	1.00	2.00	2.00	1.00	additional joint set: 60, .35, 0, 3, 3, 3r
139.29	142.34	3.05	45.00	1.00	0.00	1.00	2.00	1.00	
142.34	145.39	3.05	65.00	0.45	0.00	2.00	2.00	1.00	
145.39	148.44	3.05	25.00	0.25	1.00	2.00	3.00	1.00	additional joint set: 60, .1, 0, 2, 3, 1
148.44	151.49	3.05	50.00	0.50	0.00	2.00	2.00	1.00	
151.49	154.53	3.04	70.00	0.20	0.00	2.00	3.00	1.00	additional joint set: 40, .4, 1, 3, 3r, 1w
154.53	157.58	3.05	45.00	0.30	0.00	2.00	2.00	1.00	
157.58	160.63	3.05	65.00	0.40	0.00	2.00	2.00	1.00	
160.63	163.68	3.05	25.00	1.60	1.00	2.00	3.00	1.00	additional joint set: 70, 1.6, 0, 2, 3, 1
163.68	166.73	3.05	25.00	1.00	1.00	2.00	3.00	1.00	
166.73	169.77	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
169.77	172.82	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
172.82	175.87	3.05	65.00	0.30	1.00	2.00	3.00	1.00	additional joint set: 45, .12, 0, 2, 3, 1
175.87	178.92	3.05	65.00	1.00	0.00	1.00	3.00	1.00	
178.92	181.97	3.05	45.00	0.20	0.00	1.00	2.00	1.00	additional joint set: 65, 1, 0, 1, 2, 1
181.97	185.01	3.04	40.00	0.20	0.00	2.00	2.00	1.00	
185.01	188.06	3.05	60.00	1.00	0.00	2.00	2.00	1.00	
188.06	191.11	3.05	60.00	0.25	0.00	2.00	3.00	1.00	
191.11	194.16	3.05	45.00	0.30	0.00	2.00	2.00	1.00	
194.16	197.21	3.05	65.00	0.15	0.00	2.00	3.00	1.00	
197.21	200.25	3.04	45.00	0.05	0.00	2.00	2.00	1.00	
200.25	203.30	3.05	65.00	0.10	1.00	2.00	3.00	1.00	

KLAZA

203.30	206.35	3.05	45.00	0.40	0.00	2.00	2.00	1.00	
206.35	209.40	3.05	25.00	1.25	0.00	1.00	2.00	1.00	additional joint set: 70, .15, 0, 1, 2, 1
209.40	212.45	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
212.45	215.49	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
215.49	218.54	3.05	70.00	0.10	0.00	2.00	2.00	1.00	
218.54	221.59	3.05	45.00	0.20	0.00	1.00	2.00	1.00	
221.59	224.64	3.05	45.00	0.35	0.00	1.00	2.00	1.00	
224.64	227.69	3.05	50.00	0.15	0.00	2.00	3.00	1.00	
227.69	230.73	3.04	45.00	0.45	0.00	1.00	2.00	1.00	
230.73	233.78	3.05	70.00	0.30	0.00	1.00	2.00	1.00	additional joint set: 50, .75, 1, 2, 2, 1
233.78	236.83	3.05	45.00	0.54	1.00	2.00	2.00	1.00	
236.83	239.88	3.05	45.00	0.10	0.00	2.00	3.00	1.00	
239.88	242.93	3.05	25.00	1.20	0.00	2.00	3.00	1.00	
242.93	245.97	3.04	45.00	0.40	0.00	2.00	3.00	1.00	
245.97	249.02	3.05	60.00	0.05	1.00	2.00	3.00	1.00	additional joint set: 45, .7, 2, 2, 1
249.02	252.07	3.05	40.00	0.15	0.00	1.00	2.00	1.00	
252.07	255.12	3.05	45.00	0.15	0.00	2.00	3.00	1.00	
255.12	258.17	3.05	30.00	0.25	0.00	2.00	3.00	1.00	
258.17	261.21	3.04	60.00	0.75	1.00	2.00	3.00	1.00	
261.21	264.26	3.05	75.00	0.30	0.00	1.00	3.00	1.00	
264.26	267.39	3.13	0.00	0.00	0.00	0.00	0.00	0.00	
267.39	270.36	2.97	50.00	0.48	0.00	2.00	3.00	1.00	
270.36	273.41	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
273.41	276.45	3.04	50.00	0.35	0.00	2.00	3.00	1.00	
276.45	279.50	3.05	45.00	0.30	0.00	2.00	3.00	1.00	
279.50	282.55	3.05	45.00	0.30	1.00	2.00	3.00	1.00	
282.55	285.60	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
285.60	288.65	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
288.65	291.69	3.04	60.00	0.65	0.00	3.00	2.00	1.00	
291.69	294.74	3.05	60.00	0.73	0.00	2.00	2.00	1.00	
294.74	297.78	3.04	60.00	0.28	0.00	3.00	2.00	1.00	
297.78	300.84	3.06	0.00	0.00	0.00	0.00	0.00	0.00	
			EOH @ 300.84m						

KLAZA

Hole: KL-12-126 **Date: September 8, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00	0.15	
4.00	12.80	
5.00	0.75	
6.00	12.30	
7.00	0.90	
8.00	24.70	
9.00	5.85	
10.00	2.19	
11.00	0.43	
12.00	0.21	
13.00	0.10	
14.00	0.10	
15.00	0.09	
16.00	0.21	
17.00	0.32	
18.00	0.38	
19.00	11.90	
20.00	0.93	
21.00	0.49	
22.00	0.42	
23.00	0.18	
24.00	0.29	
25.00	0.25	
26.00	1.20	
27.00	17.20	
28.00	17.90	
29.00	0.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.88	
31.00	1.09	
32.00	0.73	
33.00	51.30	
34.00	0.76	
35.00	4.99	
36.00	0.47	
37.00	0.32	
38.00	0.42	
39.00	0.65	
40.00	0.40	
41.00	0.23	
42.00	0.36	
43.00	0.27	
44.00	0.71	
45.00	0.40	
46.00	0.86	
47.00	0.32	
48.00	0.12	
49.00	0.60	
50.00	0.31	
51.00	0.42	
52.00	0.20	
53.00	0.10	
54.00	0.27	
55.00	0.45	
56.00	0.42	
57.00	0.71	
58.00	0.36	
59.00	0.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.34	
61.00	0.29	
62.00	0.21	
63.00	0.20	
64.00	0.31	
65.00	0.34	
66.00	0.51	
67.00	0.20	
68.00	0.21	
69.00	0.31	
70.00	0.25	
71.00	0.34	
72.00	0.45	
73.00	0.21	
74.00	0.64	
75.00	0.21	
76.00	0.45	
77.00	0.71	
78.00	0.40	
79.00	0.53	
80.00	0.34	
81.00	0.36	
82.00	0.36	
83.00	0.31	
84.00	0.40	
85.00	0.25	
86.00	0.47	
87.00	0.34	
88.00	4.62	
89.00	0.49	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	5.34	
91.00	4.52	
92.00	0.38	
93.00	6.78	
94.00	0.45	
95.00	0.31	
96.00	0.18	
97.00	0.32	
98.00	0.23	
99.00	3.95	
100.00	9.35	
101.00	0.75	
102.00	6.97	
103.00	0.71	
104.00	2.39	
105.00	8.69	
106.00	0.60	
107.00	23.50	
108.00	11.00	
109.00	11.80	
110.00	28.00	
111.00	21.60	
112.00	14.10	
113.00	21.50	
114.00	2.70	
115.00	30.90	
116.00	1.00	
117.00	0.91	
118.00	0.95	
119.00	1.46	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.38	
121.00	0.60	
122.00	0.32	
123.00	0.43	
124.00	0.36	
125.00	0.49	
126.00	17.60	
127.00	10.20	
128.00	6.31	
129.00	8.74	
130.00	30.30	
131.00	0.54	
132.00	3.49	
133.00	0.54	
134.00	0.75	
135.00	0.31	
136.00	9.90	
137.00	0.71	
138.00	0.51	
139.00	1.28	
140.00	0.25	
141.00	0.40	
142.00	0.49	
143.00	0.40	
144.00	0.14	
145.00	0.14	
146.00	0.16	
147.00	0.18	
148.00	0.71	
149.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.18	
151.00	0.21	
152.00	0.25	
153.00	0.56	
154.00	0.53	
155.00	2.59	
156.00	0.71	
157.00	0.43	
158.00	0.25	
159.00	0.53	
160.00	0.36	
161.00	0.58	
162.00	0.21	
163.00	0.42	
164.00	1.51	
165.00	0.93	
166.00	0.31	
167.00	0.23	
168.00	0.21	
169.00	0.18	
170.00	0.27	
171.00	0.36	
172.00	0.36	
173.00	1.28	
174.00	0.43	
175.00	0.82	
176.00	0.49	
177.00	0.75	
178.00	0.49	
179.00	0.53	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	1.73	
181.00	0.71	
182.00	0.23	
183.00	0.42	
184.00	0.34	
185.00	0.34	
186.00	0.42	
187.00	0.18	
188.00	0.23	
189.00	0.58	
190.00	0.47	
191.00	0.86	
192.00	0.56	
193.00	5.92	
194.00	0.16	
195.00	0.21	
196.00	0.67	
197.00	0.93	
198.00	19.60	
199.00	34.50	
200.00	1.46	
201.00	0.36	
202.00	0.84	
203.00	41.70	
204.00	60.20	
205.00	0.87	
206.00	2.63	
207.00	29.00	
208.00	9.93	
209.00	33.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.32	
211.00	3.55	
212.00	0.54	
213.00	1.00	
214.00	0.54	
215.00	3.47	
216.00	22.80	
217.00	1.50	
218.00	0.14	
219.00	0.31	
220.00	0.16	
221.00	0.23	
222.00	0.12	
223.00	0.21	
224.00	0.23	
225.00	0.21	
226.00	0.40	
227.00	0.10	
228.00	0.20	
229.00	0.20	
230.00	0.16	
231.00	0.32	
232.00	0.40	
233.00	0.54	
234.00	0.18	
235.00	0.76	
236.00	0.20	
237.00	0.31	
238.00	0.36	
239.00	0.51	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.09	
241.00	0.05	
242.00	0.12	
243.00	0.51	
244.00	0.25	
245.00	0.10	
246.00	0.64	
247.00	3.45	
248.00	1.06	
249.00	0.32	
250.00	4.97	
251.00	15.90	
252.00	10.30	
253.00	0.54	
254.00	0.18	
255.00	0.67	
256.00	0.53	
257.00	1.02	
258.00	0.16	
259.00	0.43	
260.00	0.29	
261.00	0.32	
262.00	0.27	
263.00	0.51	
264.00	0.31	
265.00	0.49	
266.00	2.92	
267.00	0.23	
268.00	3.29	
269.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	20.80	
271.00	7.10	
272.00	0.34	
273.00	0.38	
274.00	0.29	
275.00	0.42	
276.00	0.34	
277.00	9.64	
278.00	0.60	
279.00	0.47	
280.00	0.53	
281.00	0.23	
282.00	0.23	
283.00	0.27	
284.00	0.38	
285.00	0.27	
286.00	0.49	
287.00	0.71	
288.00	0.34	
289.00	0.16	
290.00	0.45	
291.00	1.09	
292.00	0.09	
293.00	0.12	
294.00	0.42	
295.00	0.40	
296.00	1.00	
297.00	2.61	
298.00	0.16	
299.00	1.66	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	12.40	
	EOH @ 300.84m	

KLAZA

Hole: KL-12-126 **Date:** September 8, 2012

Box #	From (m)	To (m)
1	2.00	9.90
2	9.90	16.14
3	16.14	22.07
4	22.07	27.86
5	27.86	33.47
6	33.47	39.20
7	39.20	44.64
8	44.64	50.46
9	50.46	56.21
10	56.21	61.80
11	61.80	67.53
12	67.53	73.32
13	73.32	79.08
14	79.08	84.81
15	84.81	90.75
16	90.75	96.71
17	96.71	102.39
18	102.39	108.04
19	108.04	113.66
20	113.66	119.58
21	119.58	125.49
22	125.49	131.12
23	131.12	136.57
24	136.57	142.34
25	142.34	148.08
26	148.08	153.91
27	153.91	159.67
28	159.67	165.34
29	165.34	170.94

KLAZA

30	170.94	176.53
31	176.53	182.10
32	182.10	187.63
33	187.63	193.00
34	193.00	198.62
35	198.62	204.23
36	204.23	209.62
37	209.62	214.42
38	214.42	220.58
39	220.58	226.39
40	226.39	232.08
41	232.08	237.73
42	237.73	243.56
43	243.56	249.33
44	249.33	254.78
45	254.78	260.63
46	260.63	266.40
47	266.40	272.33
48	272.33	278.06
49	278.06	284.10
50	284.10	289.76
51	289.76	295.26
52	295.26	300.84
		EOH @ 300.84m

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382418.39	6890580.8	1332.244	401.42

SECTION: KL 9+600 mE

HOLE: DDH-KL-12-127

CLAIM:

Contractor: Platinum

Drill: A5

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 31st - Sept 5th, 2012

Geology logged by:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
66.1416	34.4	-50.3	Ranger	233.7816	37.9	-49.7	Ranger
111.8616	35.2	-49.7	Ranger	279.5016	38.9	-49.5	Ranger
157.5816	36.4	-49.8	Ranger	325.2216	41.3	-49.3	Ranger
188.0616	36.1	-49.7	Ranger	370.9416	42.5	-49.3	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	2.90	2.90	OVB	No recovery
2.90	13.16	10.26	GRD	Argillic altered granodiorite.
13.16	40.49	27.33	GRD/FEL	Strong phyllic and argillic altered granodiorite with intermitent quartz feldspar porphyry dykes. Dyke selvages are mineralized. Frequent black stringers in zone.
40.49	141.90	101.41	GRD	dominantly propylitic altered granodiorite.
141.90	190.13	48.23	GRD	Strong phyllic altered granodiorite in zone of increased veining. Quartz veins frequently host pyrite
190.13	247.86	57.73	GRD	Moderate argillic altered granodioirte. Patches of phyllic alteration around veins and veinlets.
247.86	259	11.14	GRD	Strongly altered granodiorite. Netted hematite veins throughout. Frequent veinlets and stringers. Vein intensity increasing downhole.
259	359.3	100.3	FEL	Silicious quartz feldspar porphyry dyke
359.3	401.42	42.12	GRD	Patchy phillic/propylitic/potassic alteration. Intensity fades to bottom of hole.

SAMPLES

Numbers: M357625 - M357872

Total: 248

Batch: 127-1 - 127-7

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-127 **Logger Name:** 0 **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	2.90	2.90					OVB														Casing - no recovery.
2.90	13.16	10.26				mKgW	GRD	MG		OR	PA	4		PRO	1						Argillic altered granodiorite with patches of weak propylitic alteration (20-60 cm). Strong pervasive alteration throughout interval.
										WH				ARG	3						
									MD	GY											
13.10	22.89	9.79				LKqP	FEL		LT	GN	PO	2									Quartz feldspar porphyry dyke - type case. Grey/green plagioclase phenocrysts medium grained to very coarse grained. Carbonate veinlets common and leave 1-3 cm aphanitic selvages. Patchy oxidation.
										WH											
22.89	40.49	17.60				mKgW	GRD	MG		OR	PA	4		ARG							Oxidized argillic altered granodiorite with zones (80 cm) of unaltered or weakly propylitic altered granodiorite. Moderate to strong pervasive oxidation throughout. Quartz feldspar porphyry dyke present <2 m and mineralized quartz veining downhole from dykes.
										WH				PRO	1						
			29.80	30.91	1.11	LKqP	FEL		DK	GB	PO										Quartz-feldspar porphyry dyke - type case. Dark grey matrix. 20 cm zone of massive coarse grained granodiorite. Weak propylitic altered.
										WH											
			30.91	31.53	0.62	mKgW	GRD	MG		WH		2		PRO	2						Milky white coarse grained granodiorite? Propylitic altered between quartz feldspar porphyry dykes. Carbonate veinlets present.
			31.53	33.26	1.73	LKqP	FEL		DK	GY	PO										Quartz feldspar porphyry dyke - type case, dark grey/red matrix. Carbonate stringers present.
			35.78	36.15	0.37							2									Quartz feldspar porphyry dyke - light green, dark grey, beige banded (8-10 cm) with gouge fractures.
			36.15	40.49	4.34	mKgW	GRD	MG		WH	PA	3		ARG	3						Moderate pervasive oxidation. Black oxidized stringers present with mineralized vein - assuming strong phyllic alteration with argillic alteration.
										OR				PHI	4						
40.49	141.90	101.41												PRO	1						Propylitic alteration is dominant. Phyllic alteration and argillic patches cm - m scale throughout. Core fractured and crumbly here. Propylitic alteration is weak.
			53.05	55.65	2.60	mKgW	GRD	MG	LT	GN	EN			PHI	3						Phyllic envelope around quartz-carbonate veins with breccias
			59.63	60.84	1.21	mKgW	GRD	MG		WH				ARG	4						Soft core, crumbly, strong argillic alteration.
			46.40	46.49	0.09	mKgW	GRD	MG		Rd											Aplite dyke 85 degrees TCA, argillic altered envelope 35 cm around quartz-carbonate-black sulphide stringer 8 cm downhole.
			92.42	96.00	3.58	mKgW	GRD	MG	LT	GN	EN			PHI	4	2					Phyllic envelope zone with increase in white quartz-carbonate veining. Disseminated pyrite throughout.
			106.30	117.33	11.03	mKgW	GRD	MG	LT	GN	PA			PHI	3						Phyllic alteration dominant with patchy (10-80 cm) strong propylitic alteration. Bottom of interval is patchy weak propylitic altered.
									DK	GN				PRO	4						
			117.33	123.70	6.37	mKgW	GRD	MG	LT	GN				PHI	3			He	2		Phyllic alteration in zone of pinkish white quartz veining. Local hematite and k-feldspar present. Potassic overprinting?
														POT	1						
			135.00	138.17	3.17	mKgW	GRD	MG		WH	PA			ARG							Argillic alteration with patchy phyllic zones (10-30 cm).
									LT	PK	GN										
			136.75	136.91	0.16		DK?		MD	GN	AN		3								Silicious green dyke crosscut by pink white quartz vein (2 cm).
			141.24	141.90	0.66	LKqP	FEL		DK	GY	AN										Fine grained to porphyritic dark grey-green dyke with white quartz veinlets.
											PO										

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
141.90	190.13	48.23							LT	GN				PHI	3						Zone of phyllic alteration in zone of increased veining. Meter scale zones of argillic alteration occur downhole.
			164.07	166.00	1.93	mKgW	GRD	MG	DK	GN	MA			PRO	2						Weak propylitic alteration.
			166.00	170.77	4.77	mKgW	GRD	MG	LT	GN	MA			PHI	3						Phyllic-moderate strength in zone associated with massive sulphides vein (why not intense alteration?)
			170.77	172.30	1.53	mKgW	GRD	MG	MD	GN	MA			PRO	2			He			Hematite stained fractures on propylitic altered granodiorite. Chlorite veinlet runs down core axis.
			170.77	178.60	7.83	mKgW	GRD	MG						PRO	2						Propylitic alteration with patchy potassic alteration (20-60 cm). Xenoliths (2-6 cm) present (local).
														POT	1						
			178.60	187.07	8.47	mKgW	GRD	MG	LT	GN	PA			PRO	1						Phyllic alteration dominant with patchy propylitic and argillic alteration (10-60 cm). Local breccia zones.
														PHI	3						
														ARG	2						
			187.07	190.13	3.06	mKgW	GRD	MG		WH				ARG	3						Argillic alteration with phyllic envelopes associated with carbonate veinlets.
			189.67	189.85	0.18	LKqP	FEL			GN	PO										Dyke. Grey-green crystalline dyke with brecciated granodiorite (phyllic altered).
										GY											
190.13	223.64	33.51																			Propylitic alteration dominant with meter scale zones of argillic alteration > phyllic alteration. Aplite dykes common.
			202.61	206.61	4.00	mKgW	GRD	MG						PRO	3						Very patchy argillic alteration.
														ARG	3						
			211.52	212.45	0.93	mKgW	GRD	MG						ARG	3						Moderately argillic alteration.
			212.45	216.54	4.09									PHI	3						Moderately phyllic alteration with patchy argillic alteration.
223.64	243.67	20.03				mKgW	GRD	MG	LT	GN	PA			PHI	4						Moderate phyllic alteration with patchy argillic altered zones (20-60 cm).
										WH				ARG	2						
243.67	247.86	4.19				mKgW	GRD	MG						PRO	4						Patchy propylitic > phyllic alteration (10-60 cm).
														PHI	2						
247.86	254.58	6.72				mKgW	GRD	MG	DK	GN	PA			PRO	4						Very patchy propylitic alteration with argillic overprinting associated with netted/stockwork quartz veining. Bottom interval (last meter) no quartz stockwork, hematite veinlets.
									LT	GN				ARG	3						
254.58	259.00	4.42				mKgW	GRD	MG	MD	GN	MA			PHI	3						Moderate phyllic alteration.
259.00	260.43	1.43				LKqP	FEL		MD	PU	PO										Quartz feldspar porphyry dyke. Purple medium-coarse grained. Calcite infill abundant.
260.43	300.10	39.67				mKgW	GRD	MG	LT	GN	PA			PRO	4	2					Patchy to netted phyllic/propylitic with locally intense chlorite veining. Breccia zones, and minor gouge and gougey fractures. Meter scale zones of moderate phyllic alteration present.
									DK	GN	MO			PHI	4						
			287.00	294.26	7.26	mKgW	GRD	MG						PHI	5	1					Phyllic alteration, decrease in chlorite veinlets. Local intense phyllic alteration (50 cm zones) host coarse grained pyrite and grey gouge (3 cm).
300.10	359.30	59.20				LKqP	FEL		LT	GN	FL										Quartz feldspar porphyry dyke, red-white flow bands for 1 m at contact. Grey-green with red patches local stockwork black stringers and carbonate veinlets common. 1 cm quartz eyes throughout.
										RD	PO										
			300.10	305.32	5.22	LKqP	FEL		LT	GN	AN										Silicious dyke? Light green-brown chlorite-phyllic altered with red stripes. Gouge at contact (1 cm).

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
			305.32	319.60	14.28	LKqP	FEL		LT	GN	PO										Quartz feldspar porphyry dyke - type case, plagioclase-crowded ; phenocrysts < 1 cm. green - brown gradual colour change.
										BN											
			319.60	321.00	1.40	LKqP	FEL		MD	RD	PO										Quartz feldspar porphyry dyke. Pervasive red staining typical texture.
			321.00	325.29	4.29	LKqP	FEL		LT	GN	PO										Quartz feldspar porphyry dyke. Colour change to patchy brown and gradual change to light purple.
									LT	PU											
			325.29	328.36	3.07	LKqP	FEL		LT	GN	PO										Silicious dyke. Chlorite-quartz rich. Medium grained crystalline. Green matrix gradually increase in chlorite abundance and grain size. Flow banded at bottom of interval for 60 cm.
									LT	RD											
			328.36	332.13	3.77	LKqP	FEL														Light green brown quartz feldspar porphyry dyke. Type case.
			332.13	332.58	0.45	LKqP	FEL		LT	GN	BX										Quartz feldspar porphyry dyke. Breccia - subangular dyke clasts (3-8 cm) in dark grey chlorite rich matrix (fine grained).
			332.58	359.30	26.72	LKqP	FEL		LT	GN	PO										Patchy red-green quartz feldspar porphyry dyke. Plagioclase phyric. Type case.
									LT	RD	PA										
359.30	365.61	6.31				mKgW	GRD	MG	LT	PK	MA			PRO	1						Pinkish potassic-propylitic alteration; black fine grained xenoloiths present (4) (4 cm).
														POT	1						
365.61	370.28	4.67				mKgW	GRD	MG	LT	GN	GN			PHI	4						Phyllic alteration, locally strong vein zone.
370.28	373.41	3.13				mKgW	GRD	MG	LT	PK				POT	2						Weak propylitic alteration with potassic alteration.
														PRO	1						
373.41	374.95	1.54				mKgW	GRD	MG	LT	GN	EN			PHI	2						Phyllic alteration associated with quartz veining (see secondary log).
374.95	396.52	21.57				mKgW	GRD	MG	MD	GN	PA			PRO	1						Propylitic alteration with patchy phyllic alteration associated with quartz-carbonate veining (envelopes 10-70 cm).
									LT	GN				PHI	2						
396.52	401.42	4.90				mKgW	GRD	MG	LT	GN	PA			PHI	2						Patchy phyllic-potassic alteration, weak silicification, core pinkish-green mottled throughout.
										PK				POT	1						
																					EOH @ 401.42 m

PROPERTY NAME

Hole: DDH-KL-12-127 Logger Name: 0

Depth (m)		DESCRIPTION
13.16 m	65 degrees TCA	Granodiorite (propylitic-oxidized) contact with quartz feldspar porphyry dyke. Granodiorite is crumbly and has pervasive oxidation. Only the phenocrysts in the dyke are oxidized. Core is competent.
22.89 m	FEL-GRD	weak propylitic alteration. Contact not visible (core fractured) nature of contact unknown.
29.80 m	GRD-FEL	70 degrees TCA. Granodiorite gougey (4 cm). Contact sharp, irregular.
30.91 m	FEL-GRD	55 degrees TCA. Sharp jagged (stepped). Quartz feldspar porphyry dyke decreases in plagioclase to medium grained granodiorite. Propylitic altered. Competent.
31.53 m	GRD-FEL	70 degrees TCA. Sharp, planar.
33.26 m	FEL-GRD	25 degrees TCA. Sharp, irregular. Dyke is jagged, pointy between rounded granodiorite "undules".
35.78, 36.15 m	GRD-FEL-GRD	75 degrees TCA. Sharp contacts, gouge on both sides.
189.67 m	GRD-DK (BRX)	70 degrees TCA. Sharp, planar. Grain size increases away from contact.
259.00 m	GRD-FEL	90 degrees TCA. Not true contact? Top of dyke redrilled. Granodiorite strongly propylitic altered. No brecciation.
260.43 m	FEL-GRD	65 degrees TCA. Sharp planar quartz feldspar porphyry dyke. Chilled (light pink, grain size down) for 8 cm. granodiorite is gougey. No brecciation.
300.1 m	GRD-FEL	60 degrees TCA. Sharp, irregular clasts <8 cm for 20 cm into granodiorite. Dyke is flowbanded.
359.30 m	FEL-GRD	45 degrees TCA. Sharp, slightly irregular, quartz feldspar porphyry dyke flow banded for 60 cm. granodiorite is weakly gougey.
		EOH

PROPERTY NAME

Hole: DDH-KL-12-127 **Logger Name:** 0 **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vt	22.89							Carbonate stringers common through interval.	
St	36.15	40.59						Black stringers - oxidized pyrite stringers?	
Vn	37.57	37.73	40.00		1.00	As	15.00	Massive to crustiform grey-white-smoky quartz vein (11 cm) hosting discontinuous bands of semi massive arsenopyrite and sphalerite, blebby pyrite and dark galena also present. Core oxidized around vein walls, can not observe additional textures.	
						Py	15.00		
						Sph	20.00		
						Gn	10.00		
Bx	37.84	38.20						Crumbly, oxidized breccia? No visible mineralization - possible brecciated grey smoky quartz vein or veins (6 cm).	
Vn	38.20	38.54	40.00		2?	Gn	5.00	Two sheeted quartz veins (5 cm) with breccia between or one large quartz vein 15 cm. structure hosts weak blebby galena and associated blebby pyrite. Core oxidized, crumbly, quartz vein(s) weathered brecciated.	
						Py	5.00		
Vn	39.00		60.00		1.00			White quartz vein (massive) no mineralization (1.5 cm).	
Bx	39.65	39.77	40.00					Dark grey breccia? White quartz/granodiorite clasts (2-8 mm, < 1 cm) dark grey crystalline matrix. No mineralization.	
Vn	40.00	40.05	60.00		1.00	Py	15.00	Grey-white hard brecciated quartz vein (5 cm) hosting banded pyrite, blebby sphalerite with intergrown trace galena-arsenopyrite.	
						Sph	8.00		
						Gn	3.00		
						As	1.00		
Vn	53.12	55.61	65.00		7.00			Smoky quartz-carbonate veinlets present as well as 3 black breccia veins (<2 cm) no mineralization (clasts 2-5 mm granodiorite).	
Vn	63.66		40.00					Smoky quartz vein with brecciated white quartz. No mineralization (vein 4 cm). Sheeted quartz-carbonate veinlets in hanging wall.	
Bx	66.45	66.70	40.00					Breccia. Subangular clasts (8-200 mm) of lime green, very fine grained massive dyke? In black fine grained matrix (60 %) with brecciated dyke? (1-3 mm) and argillic altered granodiorite.	
Bx	68.63	68.85	65.00			Py	3.00	Breccia. Subrounded clasts (5 mm - 4 cm) af phyllic altered granodiorite and angular grey quartz hosted in fine grained black matrix with blebby pyrite. Minor breccia zone 15 cm in footwall 3 cm wide.	
Go	76.96	77.15	2.00					Gouge and hematite staining on core fractures.	
Vn	83.50	84.49	70.00		3.00			Three white carbonate veinlets-veins with phyllic altered envelopes 60 cm wide.	
Vn	92.42	96.00	50.00		22.00			Frequent smoky quartz-white quartz veinlets and pyrite stringers.	
Vn	93.03	93.15	80.00		1.00	Sph	10.00	Massive smoky quartz vein (8 mm - 4 cm) hosting blebby sphalerite and disseminated pyrite. Vein very thin then blowsout to 4 cm. zone of silicification (3 cm) and white gouge (4 cm) with disseminated pyrite in footwall. Black sulphides associated with gouge zone.	
						Py	4.00		
Vts	106.30	117.33						carbonate veinlets, quartz carbonate veinlets infrequent.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	114.69	114.73	70.00		2/m	Py	8.00	Smoky and pink quartz vein (4 cm) crustiform (pink quartz) to grey quartz brecciated hosting disseminated pyrite throughout.	
Vn/Vt	115.68	123.27	60.00		4/m			Frequent pinkish-white quartz veinlets > white carbonate veinlets and local grey quartz veins (1.2 cm) with no mineralization. Rare pyrite veinlets.	
Vts	124.15	126.39	70.00		4.00			Infrequent white quartz veinlets to veins (1.2 cm) with several chlorite stringers to veinlets plus/minus carbonate (0-10 TCA).	
Vn	128.98					Py	5.00	Massive grey quartz vein (1 cm) with weak blebby pyrite mineralization. Black sulphide band along vein wall. Phyllic envelope 60 cm wide.	
Vn	136.79		90.00					Pink-white quartz vein.	
Vts	141.24	141.90				Py	1.00	Trace pyrite and black sulphide in white quartz veinlets in grey dykes.	
Vns	141.90	147.62	50.00					White quartz-carbonate veinlets (8 mm) and veins (2 cm) frequent. One 3 cm brownish-grey quartz vein. Combed, no mineralization.	
Vns	148.49	152.13	65.00			Sph	20.00	Frequent white-pink massive to crustiform quartz veins hosting trace to moderate blebby black jack sphalerite. Veins 8 mm - 1 cm locally 2 cm.	
Vn	153.67	153.85	50.00					Grey quartz veining. Vein zone. No mineralization.	
Vn	154.75	154.80	50.00			Sph	15.00	Massive black sulphide vein (2 cm) with Blebby black jack sphalerite.	
Vn	156.11	156.25				Sph	15.00	Two beige? Ankrite? - grey quartz veins (8 mm, 1.5 cm) hosting moderate thin banded sphalerite with weak intergrown arsenopyrite and galena. Blebby to disseminated pyrite throughout.	
						As	10.00		
						Py	1.00		
Vn	157.62	157.63	80.00		1.00	As	5.00	Grey quartz/smoky quartz vein (1.2 cm) hosting stringy arsenopyrite and pyrite.	
						Py	5.00		
Vn	158.57	159.14	70.00		3.00	Py	8.00	Pyrite mineralization weakly gougey brecciated (6 cm) white-quartz veinlet (6 mm) and smoky quartz vein (1.3 cm). Pyrite trace and locally weak (blebby). Breccia zone is gougey fractured phyllic altered granodiorite with weak silicification.	
Vt	161.60	161.96	60.00		7.00	Py	6.00	Black sulphide-grey quartz veinlets hosting blebby pyrite. Veinlets undulating, maybe dilations? Phyllic alteration locally strong. Clay altered fractures.	
Vn	162.55	162.60	35.00		1.00			Pinkish white quartz vein (1 cm) (massive) with netted white quartz veinlets in footwall. Stringy black sulphide at vein wall. No mineralization.	
Vn	163.83	164.96	35.00		1.00			Massive white crustiform quartz veins (1 cm) form vein zone (7 cm). Black sulphide bands (1 cm) in upper vein wall. No mineralization.	
Vt	166.00	170.77	55.00		4/m			Massive white quartz-carbonate veinlets to veins in hanging wall > footwall of large massive sulphide vein. Local ankerite veinlets with chlorite selvages (1 cm) present. Carbonate stringers common. Local gouge (2 cm) with black sulphide staining associated with argillic alteration.	
Vn	168.77	169.03	55.00		1.00	Gn	30.00	Massive sulphide hosted in smoky-grey quartz vein (20 cm) blebby to semi-massive galena. Stringy pyrite and intergrown arsenopyrite-pyrite-sphalerite hosted in black sulphide. Banded smoky and grey quartz vein. 1 cm black gouge in hanging wall at vein wall. hanging wall has gougey fractures for 23 cm from vein in phyllic alteration. foot wall is relatively unaltered (competent moderate phyllic alteration). thin band of arsenopyrite (4 mm) at footwall vein contact.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						As	15.00		
						Py	15.00		
						Sph	10.00		
Vt	178.60	187.07	70.00		1/m			Vein zone - infrequent white quartz-carbonate veinlets; black stringers common (stockwork 2-3/m).	
Bx	184.18	184.23	75.00			To	2.00	Silicious breccia. Rounded clasts (2 cm) of phyllic altered granodiorite in silica matrix (20 %) hosting trace disseminated tourmaline.	
Vn	186.63	186.70	75.00		1.00	Jam	5.00	Massive grey-quartz vein (6 cm) hosting disseminated sphalerite and accicular sulphoslats/ankrite? Infill and strings. Blebby sphalerite and pyrite in pink quartz veinlet in hangingwall and footwall. Black stained gouge zone (9 cm) in footwall.	
						Sph	5.00		
Vt	186.96	187.18			2.00	Sph	85.00	Massive black jack sphalerite veinlets (2 mm, 6 mm). Downhole veinlet widest. Hosts rounded granodiorite clasts (argillic altered). Veinlets are crosscut and offset (5 mm) by white quartz-carbonate veinlets.	
Bx-Vn	189.67	189.85	70.00					Grey green dyke with brecciated phyllic altered granodiorite (3-8 mm, 6 cm). White-pink massive quartz vein (3 cm) overprints breccia, orientated parallel to contacts.	
Vts	190.13	203.18	65.00		1-3/m			White quartz-carbonate veinlets (4 cm) common. Aphanitic red aplite dykes common and range from 1-3 cm. 10 cm aplite dyke crosscut argillic and propylitic alteration.	
Vn	218.80	218.88						Massive white quartz vein (4 cm) with black sulphide smoky quartz band (1 cm) and footwall grey gouge (3 cm).	
Vts	221.13	224.60	60.00		8.00			Grey quartz veins (3 cm) and veinlets. No mineralization. Hematite on vein wall. Host rock brecciated around several veins.	
Vn	214.85		60.00		1.00			White quartz-carbonate vein (1.3 cm).	
Vts	224.60	241.06	50-70					Frequent white quartz-carbonate veinlets, black stringers and smoky quartz stringers. Locally dense (10/m) on average. 3-5/m chlorite stringers occur along core axis.	
St	243.67	247.86			8/m			Black? Hematite? Stringers (stockwork).	
Vt	247.86	252.80						Netted/stockwork grey quartz plus or minus chlorite and hematite veinlets (8 mm). Very dense.	
Dk	252.16		87.00		1.00			Aplite dyke (1 cm) brecciated, crosscut by chlorite-pyrite stringers.	
St	252.10	254.58			7/m			Chlorite-hematite, hematite stringers to veinlets. Two orientations - 0-20 degrees TCA and 30 degrees TCA.	
Vt	254.58	259.00	20.00		4.00			Chlorite stringers to veinlets.	
Vn	257.02	257.08	55.00					Pinkish beige massive quartz veins (crystalline) upper vein (1 cm) has thin black sulphide bands. Lower vein (1.5 cm) is vuggy (1-3 mm).	
Vts	258.31	258.35	60.00		2.00	Py	4.00	Two sheeted grey quartz-black sulphide veinlets (7 mm) hosting weak disseminated pyrite.	
Vts	260.43	300.10	0-90		10/m	Py	10.00	Chlorite-hematite stringers-veinlets frequent (stockwork) and create local crackle breccia. Chlorite veins (1.5 cm) common (40 degrees TCA). Fractures gougey.	
Bx-Vn	260.74	261.50	30.00			Py	45.00	Breccia. Rounded phyllic-argillic altered granodiorite clasts (1-4 cm) and blebby pyrite mineralized quartz clasts (1-8 cm) in gritty dark grey silicious matrix (20 %). Local blebby galena (50 %) and arsenopyrite (3 %) and pyrite (45 %) in quartz clasts (40 cm thick).	
						Gn	50.00		
						As	5.00		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Bx	273.00	273.72						Crackle breccia with fine grained black, nonmagnetic matrix. No sulphide mineralization.	
Go	279.21	280.33	0.00			Py	3.00	1 cm gougey seam. Weak blebby pyrite and tourmaline mineralization in core associated with gouge (mineralization at gouge tip).	
						To	2.00		
Go	283.19	284.05	0-8					2 cm gouge zone, core fractured.	
Vn	285.25		50.00		1.00	Py	2.00	Massive white quartz vein (2 cm). Trace pyrite blebs. Vein crosscuts chlorite-veining.	
St	285.40	285.71	0-40		40.00	Sph	80.00	Netted chlorite veins in silica flooded phyllic alteration. Sphalerite (80 %) in veinlet (5 mm) that crosscuts chlorite veining.	
St/Go	294.25	300.10	0-90		20/m	Py	10.00	White quartz-carbonate stringers with common gouge zones. Infrequent pyrite veinlets.	
Vts	276.60	277.80	0-50			Py	10.00	Black stringers and gouge fractures. Beige-white quartz veinlets (6 mm) with disseminated pyrite (10 %) and blebby pyrite (3 %).	
Vn	365.98	369.63	70.00		4.00	Py	15.00	Vein zone: Veins 1 cm at 70 degrees TCA: Smoky-white quartz veins-crustiform massive and brecciated (3, 2, 23, 3 cm) host blebby to stringy pyrite. Largest vein is vuggy and hosts weak disseminated pyrite. Black sulphide and crumbly-clayey	
Vt			30.00		8.00	Py	10.00		
						Sph	8.00		
Dk	370.48	370.60	70.00		2.00			two aplite dykes. (3 cm, 4 cm).	
Dk	372.50		50.00		1.00			Aplite dyke (1 cm).	
Dk	373.80	374.15	70-90					two aplite dykes (1.5 cm, 8 mm)	
Vn	273.58	274.95	50.00		3.00	Py	30.00	Massive pink quartz-carbonate veinlets to veins with stringy black sulphides. One quartz vein (grey, 1 cm) hosts blebby pyrite (30 %).	
Vt	380.24	391.55	65.00		26.00			Massive and crustiform pink-white quartz-carbonate veinlets to veins (1.2 cm) several veinlets host stringy blade sulphide. Two chlorite veinlets at 30 degrees TCA and associated with powdery gouge.	
St-Vn	400.30	400.65						Zone of netted hematite stringers in hanging wall to chlorite vein (6 cm).	
Ft	381.04	381.29	15.00		1.00			Fault? Fine grained chlorite altered zone 3 cm, sharp planar contact with hanging wall-footwall.	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-127 **Date:**

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity
							Type	Intensity	Type	Conc. %		
17.37	1475	1620	642.4	398.2	FEL	PO					4.430345	2.630631
37.34	1475	1620	717.4	470.2	VEN	BA			AS	15	4.947586	2.902104
									GN	6		
									PY	10		
									SPH	15		
53.95	1475	1800	918.5	578.2	GRD	MA	PRO	1			2.826154	2.699089
66.5	1475	1660	511.2	319.4	GRD	BX					2.763243	2.665276
84.2	1450	1740	783.1	491.6	GRD	MA	PHC	2			2.700345	2.686449
108.81	1450	1725	736.9	446.6	GRD	PA	PRO	1			2.679636	2.538409
139.29	1450	1760	829.9	520.9	GRD	MA	PRO	1			2.677097	2.685761
117.96	1450	1700	665.3	417.2	GRD	MA	PRO	1			2.6612	2.68158
156.2	1580	1880	874.1	573.7	VEN	BA	PHC	4	AS	10	2.913667	2.909787
									SPH	15		
168.95	1580	1840	890.1	616.3	VEN	MA			GN	<20	3.423462	3.250913
									SPH	<20		
									AS	<10		
									PY	<15		
185.01	1580	1870	801	505.4	GRD	MA	PHC	3			2.762069	2.709743
200.25	1580	1845	734.1	460	GRD	MA	PRO	1			2.770189	2.67822
212.45	1580	1820	627.4	377.8	GRD	MA	ARG	3			2.614167	2.513622
239.88	1580	1780	557	346.1	GRD	MA	PRO	2			2.785	2.641062

PROPERTY NAME

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity
							Type	Intensity	Type	Conc. %		
							ARG	2				
249.84	1540	1805	720.2	455.8	GRD	PA	ARG	2			2.717736	2.723903
							PRO	3				
259	1540	1800	683.7	424.1	FEL	PO					2.629615	2.633667
280.9	1540	1805	736.3	469.1	GRD	MA	PRO	3			2.778491	2.755614
							PHC	2				
300.84	1540	1720	478.5	295	FEL	PO					2.658333	2.607629
306.93	1520	1800	738.1	460.3	FEL	PO					2.636071	2.656947
318	1520	1730	549.6	343.4	FEL	PO					2.617143	2.665373
330	1520	1810	766.5	477.1	FEL	PO					2.643103	2.648583
352	1520	1800	740.1	456.5	FEL	PO					2.643214	2.609661
367.63	1500	1660	389.8	230.6	GRD	MA			PY	3	2.43625	2.448492
389.23	1500	1610	484.4	455.8	GRD	MA	PRO	1			4.403636	16.93706
400.9	1500	1700	486.4	303.9	GRD	MA	POT	3			2.432	2.665205
							PRO	1				

PROPERTY NAME

DESCRIPTION
Quartz-feldspar porphyry dike
Grey quartz vein (2/3) with semi-massive arsenopyrite-galena-pyrite-sphalerite; pyrite stringers in oxidized granodiorite (1/3)
Propylitic + potassic altered granodiorite
Black breccia. No mineralization. Clasts - argillic altered grandiorite
Phyllic altered granodiorite
Argillic alteration with phyllic overprint; K-spar present
Weak propylitic alteration - type case
Weak propylitic alteration - type case
Two ankerite-quartz veins (8mm, 1.3cm)
Massive gn-sph-as-py hosted in smokey quartz vein (100% of core)
Phyllic altered granodiorite - type case
Weak propylitic altered granodiorite
Argillic alteration; K-spar rich
Propylitic alteration with argillic overprint

PROPERTY NAME

DESCRIPTION
Patchy argillic - propylitic alteration; chlorite vein (2cm)
Pink quartz-feldspar porphyry dike
Propylitic + phyllic alteration
Quartz-feldspar porphyry dike
Quartz-feldspar porphyry dike
Quartz-feldspar porphyry dike
Quartz-feldspar porphyry dike
Quartz-feldspar porphyry dike
Massive smoky quartz + brecciated grey quartz vein (100% of core)
Weak propylitic alteration - type case
Propylitic alteration with potassic overprint

PROPERTY NAME

Hole: DDH-KL-12-127 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
2.90	5.18	2.28	1.35	59.2	M357625	127-1				Core from casing - poor recovery
5.18	7.28	2.10	1.77	84.3	M357626	127-1				
7.28	10.33	3.05	2.89	94.8	M357627	127-1				
10.33	11.63	1.30	1.28	98.5	M357628	127-1				
11.63	13.24	1.61	1.60	99.4	M357629	127-1				
13.24	15.38	2.14	2.04	95.3	M357630	127-1				
					M357631	127-1				COARSE REJECT DUPLICATE
15.38	17.37	1.99	1.98	99.5	M357632	127-1				
17.37	20.42	3.05	3.00	98.4	M357633	127-1				
20.42	22.90	2.48	2.36	95.2	M357634	127-1				
22.90	24.02	1.12	1.10	98.2	M357635	127-1				
24.02	25.02	1.00	1.00	100	M357636	127-1				
25.02	26.52	1.50	1.50	100	M357637	127-1				
					M357638	127-1				STANDARD KLAZA 3
26.52	28.87	2.35	2.21	94	M357639	127-1				
28.87	29.87	1.00	1.00	100	M357640	127-1				
29.87	31.70	1.83	1.76	96.2	M357641	127-1				
31.70	33.31	1.61	1.61	100	M357642	127-1				
33.31	35.13	1.82	1.78	97.8	M357643	127-1				
					M357644	127-1				STANDARD KLAZA 1
35.13	36.13	1.00	1.00	100	M357645	127-1				
36.13	37.51	1.38	1.38	100	M357646	127-1				
37.51	38.56	1.05	1.00	95.2	M357647	127-1				
					M357648	127-1				BLANK
38.56	40.00	1.44	1.41	97.9	M357649	127-1				
40.00	41.76	1.76	1.71	97.2	M357650	127-1				
					M357651	127-1				1/4 DUPLICATE
41.76	44.80	3.04	3.04	100	M357652	127-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
44.80	47.85	3.05	3.05	100	M357653	127-1				
47.85	50.90	3.05	2.99	98	M357654	127-1				
50.90	53.00	2.10	2.10	100	M357655	127-1				
53.00	54.61	1.61	1.61	100	M357656	127-1				
54.61	55.73	1.12	1.07	95.5	M357657	127-1				
					M357658	127-1				BLANK
55.73	57.00	1.27	1.27	100	M357659	127-1				
57.00	60.05	3.05	2.80	91.8	M357660	127-1				
60.05	63.09	3.04	2.45	80.6	M357661	127-2				
63.09	64.09	1.00	0.98	98	M357662	127-2				
64.09	66.00	1.91	1.69	88.5	M357663	127-2				
66.00	67.00	1.00	0.97	97	M357664	127-2				
					M357665	127-2				BLANK
67.00	68.72	1.72	1.72	100	M357666	127-2				
68.72	69.72	1.00	1.00	100	M357667	127-2				
69.72	72.24	2.52	2.52	100	M357668	127-2				
72.24	75.29	3.05	2.96	97	M357669	127-2				
75.29	78.33	3.04	3.00	98.7	M357670	127-2				
					M357671	127-2				STANDARD KLAZA 3
78.33	81.38	3.05	3.00	98.4	M357672	127-2				
81.38	83.67	2.29	2.23	97.4	M357673	127-2				
83.67	84.67	1.00	0.97	97	M357674	127-2				
84.67	87.48	2.81	2.55	90.7	M357675	127-2				
87.48	90.53	3.05	3.03	99.3	M357676	127-2				
					M357677	127-2				STANDARD KLAZA 2
90.53	92.84	2.31	2.22	96.1	M357678	127-2				
92.84	93.84	1.00	1.00	100	M357679	127-2				
93.84	94.84	1.00	1.00	100	M357680	127-2				
94.84	95.84	1.00	1.00	100	M357681	127-2				
95.84	97.66	1.82	1.55	85.2	M357682	127-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
97.66	99.67	2.01	1.94	96.5	M357683	127-2				
					M357684	127-2				1/4 DUPLICATE
99.67	102.72	3.05	3.05	100	M357685	127-2				
102.72	105.77	3.05	3.05	100	M357686	127-2				
105.77	107.81	2.04	1.95	95.6	M357687	127-2				
107.81	108.81	1.00	0.99	99	M357688	127-2				
108.81	111.86	3.05	3.01	98.7	M357689	127-2				
					M357690	127-2				COARSE REJECT DUPLICATE
111.86	114.08	2.22	2.22	100	M357691	127-2				
114.08	115.08	1.00	1.00	100	M357692	127-2				
115.08	117.96	2.88	2.88	100	M357693	127-2				
117.96	119.45	1.49	1.49	100	M357694	127-2				
					M357695	127-2				BLANK
119.45	121.01	1.56	1.56	100	M357696	127-2				
121.01	123.58	2.57	2.57	100	M357697	127-2				
123.58	126.40	2.82	2.75	97.5	M357698	127-3				
126.40	128.26	1.86	1.86	100	M357699	127-3				
128.26	129.74	1.48	1.38	93.2	M357700	127-3				
129.74	130.74	1.00	0.98	98	M357701	127-3				
130.74	133.20	2.46	2.46	100	M357702	127-3				
					M357703	127-3				COARSE REJECT DUPLICATE
133.20	135.00	1.80	1.80	100	M357704	127-3				
135.00	137.54	2.54	2.40	94.5	M357705	127-3				
137.54	139.29	1.75	1.55	88.6	M357706	127-3				
139.29	141.34	2.05	1.92	93.7	M357707	127-3				
141.34	142.34	1.00	0.99	99	M357708	127-3				
					M357709	127-3				STANDARD KLAZA 3
142.34	143.55	1.21	1.21	100	M357710	127-3				
143.55	144.96	1.41	1.41	100	M357711	127-3				
144.96	145.96	1.00	1.00	100	M357712	127-3				
145.96	147.48	1.52	1.48	97.4	M357713	127-3				
147.48	148.80	1.32	1.27	96.2	M357714	127-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357715	127-3				BLANK
148.80	149.80	1.00	1.00	100	M357716	127-3				
149.80	150.84	1.04	1.00	96.2	M357717	127-3				
150.84	151.92	1.08	1.08	100	M357718	127-3				
151.92	152.92	1.00	1.00	100	M357719	127-3				
152.92	154.73	1.81	1.81	100	M357720	127-3				
154.73	156.27	1.54	1.53	99.4	M357721	127-3				
					M357722	127-3				BLANK
156.27	157.64	1.37	1.34	97.8	M357723	127-3				
157.64	159.15	1.51	1.48	98	M357724	127-3				
159.15	160.63	1.48	1.46	98.6	M357725	127-3				
					M357726	127-3				1/4 DUPLICATE
160.63	161.63	1.00	1.00	100	M357727	127-3				
161.63	162.63	1.00	1.00	100	M357728	127-3				
162.63	163.63	1.00	1.00	100	M357729	127-3				
					M357730	127-3				STANDARD KLAZA 3
163.63	164.63	1.00	1.00	100	M357731	127-3				
164.63	167.11	2.48	2.37	95.6	M357732	127-3				
167.11	168.11	1.00	1.00	100	M357733	127-4				
168.11	169.11	1.00	1.00	100	M357734	127-4				
					M357735	127-4				BLANK
169.11	170.11	1.00	1.00	100	M357736	127-4				
170.11	172.82	2.71	2.71	100	M357737	127-4				
172.82	175.87	3.05	2.96	97	M357738	127-4				
175.87	178.91	3.04	2.80	92.1	M357739	127-4				
178.91	179.91	1.00	1.00	100	M357740	127-4				
					M357741	127-4				COARSE REJECT DUPLICATE
179.91	181.97	2.06	2.05	99.5	M357742	127-4				
181.97	182.97	1.00	1.00	100	M357743	127-4				
182.97	184.17	1.20	1.08	90	M357744	127-4				
					M357745	127-4				STANDARD KLAZA 1
184.17	185.35	1.18	1.17	99.2	M357746	127-4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
185.35	186.35	1.00	1.00	100	M357747	127-4				
186.35	187.35	1.00	0.97	97	M357748	127-4				
					M357749	127-4				BLANK
187.35	189.57	2.22	2.22	100	M357750	127-4				
189.57	190.57	1.00	1.00	100	M357751	127-4				
190.57	192.23	1.66	1.66	100	M357752	127-4				
192.23	194.16	1.93	1.90	98.4	M357753	127-4				
					M357754	127-4				1/4 DUPLICATE
194.16	197.21	3.05	2.96	97	M357755	127-4				
197.21	200.25	3.04	2.98	98	M357756	127-4				
200.25	203.30	3.05	2.99	98	M357757	127-4				
203.30	206.35	3.05	2.95	96.7	M357758	127-4				
					M357759	127-4				STANDARD KLAZA 3
206.35	209.40	3.05	3.00	98.4	M357760	127-4				
209.40	212.28	2.88	2.88	100	M357761	127-4				
212.28	213.28	1.00	1.00	100	M357762	127-4				
213.28	214.38	1.10	1.03	93.6	M357763	127-4				
214.38	215.38	1.00	1.00	100	M357764	127-4				
215.38	218.31	2.93	2.93	100	M357765	127-4				
218.31	219.31	1.00	0.95	95	M357766	127-4				
219.31	221.10	1.79	1.79	100	M357767	127-4				
221.10	223.00	1.90	1.90	100	M357768	127-4				
223.00	224.55	1.55	1.38	89	M357769	127-5				
224.55	225.55	1.00	1.00	100	M357770	127-5				
225.55	228.02	2.47	2.34	94.7	M357771	127-5				
228.02	229.67	1.65	1.56	94.5	M357772	127-5				
229.67	230.67	1.00	1.00	100	M357773	127-5				
					M357774	127-5				COARSE REJECT DUPLICATE
230.67	233.68	3.01	2.93	97.3	M357775	127-5				
233.68	236.68	3.00	2.93	97.7	M357776	127-5				
236.68	239.70	3.02	2.99	99	M357777	127-5				
239.70	242.15	2.45	2.41	98.4	M357778	127-5				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
242.15	245.15	3.00	2.96	98.7	M357779	127-5				
					M357780	127-5				STANDARD KLAZA 3
245.15	247.85	2.70	2.68	99.3	M357781	127-5				
247.85	249.85	2.00	1.95	97.5	M357782	127-5				
249.85	251.85	2.00	1.92	96	M357783	127-5				
251.85	253.47	1.62	1.62	100	M357784	127-5				
					M357785	127-5				BLANK
253.47	255.42	1.95	1.95	100	M357786	127-5				
255.42	257.02	1.60	1.60	100	M357787	127-5				
257.02	259.00	1.98	1.96	99	M357788	127-5				
					M357789	127-5				STANDARD KLAZA 2
259.00	260.43	1.43	1.43	100	M357790	127-5				
260.43	261.50	1.07	1.04	97.2	M357791	127-5				
261.50	263.12	1.62	1.62	100	M357792	127-5				
263.12	264.78	1.66	1.65	99.4	M357793	127-5				
264.78	265.78	1.00	1.00	100	M357794	127-5				
					M357795	127-5				1/4 DUPLICATE
265.78	266.93	1.15	1.15	100	M357796	127-5				
266.93	268.28	1.35	1.28	94.8	M357797	127-5				
268.28	270.36	2.08	2.07	99.5	M357798	127-5				
270.36	272.76	2.40	2.35	97.9	M357799	127-5				
272.76	273.76	1.00	1.00	100	M357800	127-5				
					M357801	127-5				BLANK
273.76	276.68	2.92	2.81	96.2	M357802	127-5				
276.68	277.84	1.16	1.16	100	M357803	127-5				
277.84	279.20	1.36	1.34	98.5	M357804	127-5				
279.20	280.34	1.14	1.14	100	M357805	127-6				
280.34	282.00	1.66	1.56	94	M357806	127-6				
					M357807	127-6				STANDARD KLAZA 2
282.00	283.11	1.11	1.11	100	M357808	127-6				
283.11	284.15	1.04	0.90	86.5	M357809	127-6				
284.15	285.18	1.03	0.95	92.2	M357810	127-6				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
285.18	286.18	1.00	0.92	92	M357811	127-6				
286.18	287.83	1.65	1.65	100	M357812	127-6				
					M357813	127-6				BLANK
287.83	288.83	1.00	0.99	99	M357814	127-6				
288.83	289.83	1.00	0.98	98	M357815	127-6				
289.83	291.26	1.43	1.42	99.3	M357816	127-6				
291.26	293.75	2.49	2.47	99.2	M357817	127-6				
					M357818	127-6				COARSE REJECT DUPLICATE
293.75	294.75	1.00	1.00	100	M357819	127-6				
294.75	296.79	2.04	1.99	97.5	M357820	127-6				
296.79	297.79	1.00	1.00	100	M357821	127-6				
297.79	299.17	1.38	1.36	98.6	M357822	127-6				
299.17	300.17	1.00	1.00	100	M357823	127-6				
300.17	302.97	2.80	2.00	71.4	M357824	127-6				Poor recovery
					M357825	127-6				STANDARD KLAZA 3
302.97	305.00	2.03	2.03	100	M357826	127-6				
305.00	306.93	1.93	1.79	92.7	M357827	127-6				
306.93	309.98	3.05	3.05	100	M357828	127-6				
309.98	313.03	3.05	3.05	100	M357829	127-6				
313.03	316.08	3.05	2.98	97.7	M357830	127-6				
					M357831	127-6				1/4 DUPLICATE
316.08	319.13	3.05	3.04	99.7	M357832	127-6				
319.13	322.17	3.04	3.04	100	M357833	127-6				
322.17	325.22	3.05	2.75	90.2	M357834	127-6				
325.22	328.27	3.05	2.90	95.1	M357835	127-6				
328.27	329.27	1.00	1.00	100	M357836	127-6				
329.27	331.72	2.45	2.41	98.4	M357837	127-6				
331.72	332.72	1.00	1.00	100	M357838	127-6				
					M357839	127-6				BLANK
332.72	334.37	1.65	1.62	98.2	M357840	127-6				
334.37	337.41	3.04	2.91	95.7	M357841	127-6				
337.41	340.46	3.05	3.05	100	M357842	127-7				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
340.46	343.51	3.05	3.01	98.7	M357843	127-7				
343.51	346.56	3.05	3.02	99	M357844	127-7				
346.56	349.61	3.05	3.04	99.7	M357845	127-7				
349.61	352.65	3.04	2.90	95.4	M357846	127-7				
					M357847	127-7				COARSE REJECT DUPLICATE
352.65	355.70	3.05	3.00	98.4	M357848	127-7				
355.70	358.33	2.63	2.56	97.3	M357849	127-7				
358.33	359.50	1.17	0.99	84.6	M357850	127-7				
359.50	360.58	1.08	1.04	96.3	M357851	127-7				
					M357852	127-7				STANDARD KLAZA 2
360.58	363.43	2.85	2.79	97.9	M357853	127-7				
363.43	365.89	2.46	2.46	100	M357854	127-7				
365.89	366.89	1.00	0.98	98	M357855	127-7				
366.89	367.89	1.00	0.95	95	M357856	127-7				
367.89	368.89	1.00	1.00	100	M357857	127-7				
					M357858	127-7				BLANK
368.89	369.89	1.00	1.00	100	M357859	127-7				
369.89	371.24	1.35	1.35	100	M357860	127-7				
371.24	373.58	2.34	2.30	98.3	M357861	127-7				
373.58	374.58	1.00	1.00	100	M357862	127-7				
374.58	377.04	2.46	2.38	96.7	M357863	127-7				
					M357864	127-7				STANDARD KLAZA 3
377.04	379.08	2.04	1.99	97.5	M357865	127-7				
379.08	380.20	1.12	1.04	92.9	M357866	127-7				
380.20	381.47	1.27	1.26	99.2	M357867	127-7				
381.47	382.49	1.02	1.02	100	M357868	127-7				
382.49	383.66	1.17	1.17	87.2	M357869	127-7				
					M357870	127-7				
383.66	384.87	1.21	1.18	97.5	M357871	127-7				
384.87	385.87	1.00	1.00	100	M357872	127-7				EOH (401.42m)

PROPERTY NAME

DH-KL-12-127 **Tech Name: LIZ BUECKERT** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.09	3.05	0.96	0.23	24	0.00	0		1	3	1	
3.05	5.18	2.13	1.03	48	0.62	29		2	2	2	
5.18	8.23	3.05	2.83	93	0.42	14		1	4	1	
8.23	11.28	3.05	2.75	90	0.72	24		1	4	1	
11.28	14.33	3.05	3.05	100	1.30	43		2	3	1	
14.33	17.37	3.04	3.02	99	2.50	82		2	1	1	
17.37	20.42	3.05	2.95	97	2.84	93		2	1	1	
20.42	23.47	3.05	2.93	96	2.09	69		2	2	1	
23.47	26.52	3.05	2.98	98	2.50	82		2	2	1	
26.52	29.57	3.05	2.87	94	2.62	86		2	1	1	
29.57	32.61	3.04	2.89	95	2.09	69		2	1	1	
32.61	35.66	3.05	2.89	95	2.60	85		2	1	1	
35.66	38.71	3.05	3.00	98	1.80	59		2	2	1	
38.71	41.76	3.05	3.00	98	2.26	74		2	2	1	
41.76	44.80	3.04	3.02	99	2.77	91		2	2	1	
44.80	47.85	3.05	3.00	98	2.87	94		2	2	1	
47.85	50.90	3.05	2.96	97	2.25	74		2	2	1	
50.90	53.95	3.05	3.00	98	2.32	76		2	1	1	
53.95	57.00	3.05	2.92	96	2.00	66		1	2	1	
57.00	60.05	3.05	2.95	97	0.43	14		1	3	1	
60.05	63.09	3.04	2.50	82	0.52	17		1	3	1	
63.09	66.14	3.05	2.59	85	1.15	38		1	4	1	
66.14	69.19	3.05	3.00	98	1.65	54		1	3	1	
69.19	72.24	3.05	3.00	98	1.22	40		2	3	1	
72.24	75.29	3.05	2.87	94	1.46	48		2	3	1	
75.29	78.33	3.04	2.82	93	1.43	47		1	1	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.85	93	2.01	66		2	3	1	
81.38	84.43	3.05	2.91	95	1.82	60		2	3	1	
84.43	87.48	3.05	2.79	91	2.23	73		2	3	1	
87.48	90.53	3.05	3.05	100	1.95	64		2	3	1	
90.53	93.57	3.04	2.87	94	1.78	59		2	1	1	
93.57	96.62	3.05	2.72	89	1.76	58		2	1	1	
96.62	99.67	3.05	3.00	98	1.91	63		2	2	1	
99.67	102.72	3.05	3.05	100	2.22	73		2	3	1	
102.72	105.77	3.05	3.02	99	2.10	69		2	2	1	
105.77	108.81	3.04	2.97	98	1.94	64		2	2	1	
108.81	111.86	3.05	3.00	98	2.60	85		2	3	1	
111.86	114.91	3.05	3.00	98	2.10	69		2	1	1	
114.91	117.96	3.05	3.05	100	2.70	89		2	3	1	
117.96	121.01	3.05	2.91	95	2.20	72		2	2	1	
121.01	124.05	3.04	3.02	99	2.18	72		2	2	1	
124.05	127.10	3.05	2.98	98	2.10	69		2	2	1	
127.10	130.15	3.05	2.70	89	1.80	59		2	2	1	
130.15	133.20	3.05	3.00	98	0.81	27		2	2	1	
133.20	136.25	3.05	2.65	87	1.42	47		1	1	1	
136.25	139.29	3.04	2.83	93	2.07	68		2	1	1	
139.29	142.34	3.05	2.91	95	2.30	75		2	2	1	
142.34	145.39	3.05	3.05	100	2.72	89		2	2	1	
145.39	148.44	3.05	3.02	99	2.52	83		2	3	1	
148.44	151.49	3.05	3.03	99	2.70	89		2	3	1	
151.49	154.53	3.04	3.10	102	2.80	92		2	2	1	
154.53	157.58	3.05	3.01	99	2.75	90		2	3	1	
157.58	160.63	3.05	3.02	99	2.32	76		2	3	1	
160.63	163.68	3.05	2.96	97	2.68	88		2	3	1	
163.68	166.73	3.05	3.02	99	2.70	89		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
166.73	169.77	3.04	3.05	100	2.43	80		2	1	1	
169.77	172.82	3.05	3.00	98	1.54	50		2	3	1	
172.82	175.82	3.00	3.03	101	1.73	58		2	3	1	
175.82	178.92	3.10	3.00	97	2.46	79		2	3	1	
178.92	181.97	3.05	3.00	98	2.23	73		2	3	1	
181.97	185.01	3.04	3.02	99	2.60	86		2	3	1	
185.01	188.06	3.05	3.05	100	2.28	75		2	2	1	
188.06	191.11	3.05	2.98	98	2.29	75		2	3	1	
191.11	194.16	3.05	3.04	100	2.95	97		2	3	1	
194.16	197.21	3.05	3.00	98	2.67	88		2	3	1	
197.21	200.25	3.04	2.93	96	2.65	87		2	3	1	
200.25	203.30	3.05	3.00	98	2.95	97		2	3	1	
203.30	206.35	3.05	2.85	93	2.07	68		2	3	1	
206.35	209.40	3.05	2.95	97	2.90	95		2	3	1	
209.40	212.45	3.05	2.93	96	2.70	89		2	3	1	
212.45	215.49	3.04	2.94	97	2.72	89		2	3	1	
215.49	218.54	3.05	3.05	100	2.50	82		2	4	1	
218.54	221.59	3.05	3.00	98	2.13	70		2	3	1	
221.59	224.64	3.05	2.82	92	2.43	80		2	3	1	
224.64	227.69	3.05	2.95	97	2.00	66		2	3	1	
227.69	230.73	3.04	3.00	99	2.70	89		2	3	1	
230.73	233.78	3.05	2.94	96	2.30	75		2	3	1	
233.78	236.83	3.05	3.04	100	2.62	86		2	3	1	
236.83	239.88	3.05	3.05	100	2.70	89		2	3	1	
239.88	242.93	3.05	3.05	100	2.62	86		2	3	1	
242.93	245.97	3.04	3.02	99	2.65	87		2	3	1	
245.97	249.02	3.05	2.97	97	2.37	78		2	3	1	
249.02	252.07	3.05	2.98	98	3.00	98		2	3	1	
252.07	255.12	3.05	3.05	100	3.00	98		2	3	1	
255.12	258.17	3.05	3.01	99	2.25	74		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
258.17	261.21	3.04	3.00	99	2.80	92		2	3	1	
261.21	264.26	3.05	2.95	97	2.01	66		2	3	1	
264.26	267.31	3.05	2.95	97	2.23	73		2	3	1	
267.31	270.36	3.05	3.05	100	2.17	71		2	3	1	
270.36	273.41	3.05	3.05	100	2.77	91		2	3	1	
273.41	276.45	3.04	3.00	99	2.45	81		2	3	1	
276.45	279.51	3.06	3.02	99	1.81	59		2	2	1	
279.51	282.55	3.04	2.92	96	2.12	70		2	2	1	
282.55	285.60	3.05	2.95	97	1.50	49		2	2	2	
285.60	288.65	3.05	2.90	95	1.20	39		2	2	1	
288.65	291.70	3.05	3.05	100	0.67	22		2	1	1	
291.70	294.74	3.04	3.00	99	2.03	67		2	2	1	
294.74	297.79	3.05	2.87	94	2.24	73		2	2	1	
297.79	300.84	3.05	3.00	98	2.37	78		2	1	1	
300.84	303.89	3.05	2.85	93	1.70	56		2	2	2	
303.89	306.93	3.04	2.90	95	1.60	53		2	2	1	
306.93	309.98	3.05	3.05	100	1.80	59		2	2	1	
309.98	313.03	3.05	3.02	99	1.50	49		2	2	2	
313.03	316.08	3.05	2.92	96	2.59	85		2	3	2	
316.08	319.13	3.05	3.00	98	2.75	90		2	3	1	
319.13	322.17	3.04	3.05	100	2.47	81		2	3	2	
322.17	325.22	3.05	2.75	90	1.65	54		2	3	2	
325.22	328.27	3.05	2.90	95	1.69	55		2	2	1	
328.27	331.32	3.05	3.01	99	2.52	83		2	2	1	
331.32	334.37	3.05	3.05	100	0.63	21		2	2	1	
334.37	337.41	3.04	2.91	96	1.89	62		2	2	1	
337.41	340.46	3.05	3.00	98	2.28	75		2	2	1	
340.46	343.51	3.05	2.92	96	2.47	81		2	3	1	
343.51	346.56	3.05	3.00	98	2.25	74		2	3	1	
346.56	349.61	3.05	2.86	94	2.75	90		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
349.61	352.65	3.04	2.90	95	1.86	61		2	2	1	
352.65	355.70	3.05	2.95	97	2.11	69		2	2	1	
355.70	358.75	3.05	2.76	90	1.70	56		2	2	1	
358.75	361.80	3.05	2.76	90	2.55	84		2	2	1	
361.80	364.84	3.04	3.00	99	2.80	92		2	3	1	
364.84	367.89	3.05	3.00	98	2.43	80		2	3	1	
367.89	370.94	3.05	3.00	98	1.80	59		2	2	1	
370.94	373.99	3.05	2.95	97	2.00	66		2	3	1	
373.99	377.04	3.05	3.02	99	2.52	83		2	3	1	
377.04	380.09	3.05	2.95	97	2.12	70		2	3	1	
380.09	383.13	3.04	3.05	100	2.11	69		2	3	1	
383.13	386.18	3.05	3.00	98	2.80	92		2	3	1	
386.18	389.23	3.05	3.02	99	2.75	90		2	3	1	
389.23	392.28	3.05	3.01	99	3.01	99		2	3	1	
392.28	395.33	3.05	3.05	100	2.54	83		2	4	1	
395.33	398.37	3.04	2.98	98	2.81	92		2	4	1	
398.37	401.42	3.05	2.93	96	1.45	48		2	2	1	
	EOH@401.42m										

PROPERTY NAME

Hole: DDH-KL-12-127 **Tech Name:** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
2.09	3.05	0.96	0.00						
3.05	5.18	2.13	50.00	0.26	0.00	1.00	2.00	2.00	
5.18	8.23	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
8.23	11.28	3.05	60.00	0.45	0.00	2.00	2.00	2.00	
11.28	14.33	3.05	60.00	0.46	0.00	2.00	2.00	2.00	
14.33	17.37	3.04	60.00	2.10	0.00	2.00	2.00	2.00	
17.37	20.42	3.05	60.00	2.36	0.00	2.00	2.00	1.00	
20.42	23.47	3.05	60.00	0.44	0.00	2.00	2.00	1.00	
23.47	26.52	3.05	75.00	0.31	0.00	2.00	3.00	2.00	
26.52	29.57	3.05	0.00	0.00	0.00	0.00	0.00		
29.57	32.61	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
32.61	35.66	3.05	60.00	0.40	0.00	2.00	2.00	2.00	
35.66	38.71	3.05	60.00	0.85	0.00	2.00	2.00	2.00	
38.71	41.76	3.05	0.00	0.00	0.00	0.00	0.00		
41.76	44.80	3.04	40.00	0.55	0.00	2.00	2.00		
44.80	47.85	3.05	45.00	0.42	0.00	2.00	2.00	2.00	
47.85	50.90	3.05	0.00	0.00	0.00	0.00	0.00		
50.90	53.95	3.05	60.00	0.32	0.00	2.00	2.00	2.00	
53.95	57.00	3.05	55.00	0.23	0.00	3.00	2.00	3.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00		irregular fractures and rubble
60.05	63.09	3.04	0.00	0.00	0.00	0.00	0.00	0.00	irregular fractures and rubble
63.09	66.14	3.05	0.00	0.00	0.00	0.00	0.00	0.00	irregular fractures and rubble
66.14	69.19	3.05	60.00	0.52	0.00	2.00	2.00	2.00	
69.19	72.24	3.05	60.00	0.42	0.00	2.00	2.00	1.00	
72.24	75.29	3.05	60.00	0.72	0.00	2.00	2.00	1.00	
75.29	78.33	3.04	60.00	0.95	0.00	2.00	2.00	1.00	
78.33	81.38	3.05	60.00	1.02	0.00	2.00	2.00	1.00	
81.38	84.43	3.05	75.00	0.60	0.00	2.00	3.00	2.00	

PROPERTY NAME

84.43	87.48	3.05	60.00	0.95	0.00	2.00	2.00	1.00	
87.48	90.53	3.05	35.00	0.52	0.00	2.00	2.00	1.00	
90.53	93.57	3.04	75.00	0.80	0.00	2.00	3.00	1.00	
93.57	96.62	3.05	60.00	0.37	10.00	2.00	3.00	2.00	
96.62	99.67	3.05	60.00	0.55	2.00	2.00	1.00		
99.67	102.72	3.05	60.00	0.97	0.00	2.00	2.00	1.00	
102.72	105.77	3.05	55.00	0.94	0.00	2.00	2.00	1.00	
105.77	108.81	3.04	60.00	1.10	0.00	2.00	2.00	1.00	
108.81	111.86	3.05	50.00	0.67	0.00	2.00	2.00	1.00	
111.86	114.91	3.05	55.00	0.65	0.00	2.00	2.00	1.00	
114.91	117.96	3.05	60.00	0.65	0.00	2.00	2.00	1.00	
117.96	121.01	3.05	55.00	0.54	0.00	1.00	2.00	1.00	
121.01	124.05	3.04	0.00	0.00	0.00	0.00	0.00		
124.05	127.10	3.05	55.00	0.40	0.00	1.00	2.00	1.00	
127.10	130.15	3.05	60.00	0.41	0.00	2.00	2.00	1.00	
130.15	133.20	3.05	60.00	0.29	30.00	3.00	2.00	3.00	
133.20	136.25	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
136.25	139.29	3.04	55.00	0.95	0.00	3.00	2.00	1.00	
139.29	142.34	3.05	75.00	0.30	0.00	2.00	2.00	1.00	
142.34	145.39	3.05	60.00	0.69	0.00	3.00	2.00	1.00	
145.39	148.44	3.05	60.00	0.71	0.00	2.00	2.00	1.00	
148.44	151.49	3.05	60.00	1.27	0.00	2.00	2.00	1.00	
151.49	154.53	3.04	60.00	0.72	0.00	2.00	2.00	1.00	
154.53	157.58	3.05	60.00	0.60	0.00	2.00	2.00	1.00	
157.58	160.63	3.05	75.00	0.74	0.00	2.00	2.00	1.00	
160.63	163.68	3.05	60.00	0.65	0.00	2.00	2.00	1.00	
163.68	166.73	3.05	60.00	1.14	0.00	1.00	2.00	1.00	
166.73	169.77	3.04	70.00	1.33	9.00	1.00	3.00	3.00	
169.77	172.82	3.05	65.00	0.30	0.00	3.00	2.00	1.00	
172.82	175.82	3.00	45.00	0.65	0.00	2.00	3.00	1.00	
175.82	178.92	3.10	60.00	0.47	0.00	1.00	2.00	1.00	
178.92	181.97	3.05	70.00	0.97	0.00	1.00	2.00	1.00	
181.97	185.01	3.04	40.00	0.78	0.00	1.00	2.00	2.00	
185.01	188.06	3.05	70.00	0.90	0.00	1.00	2.00	1.00	
188.06	191.11	3.05	60.00	0.35	0.00	1.00	2.00	1.00	
191.11	194.16	3.05	60.00	0.68	0.00	1.00	2.00	1.00	
194.16	197.21	3.05	60.00	0.86	0.00	1.00	2.00	1.00	
197.21	200.25	3.04	60.00	1.30	0.00	1.00	2.00	1.00	

PROPERTY NAME

200.25	203.30	3.05	60.00	1.48	0.00	1.00	2.00	1.00	
203.30	206.35	3.05	60.00	0.64	0.00	1.00	2.00	2.00	
206.35	209.40	3.05	50.00	0.48	0.00	1.00	2.00	1.00	
209.40	212.45	3.05	55.00	0.75	0.00	1.00	1.00	1.00	
212.45	215.49	3.04	60.00	0.82	0.00	2.00	1.00	1.00	
215.49	218.54	3.05	60.00	0.47	0.00	2.00	2.00	1.00	
218.54	221.59	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
221.59	224.64	3.05	60.00	0.25	0.00	2.00	2.00	1.00	
224.64	227.29	2.65	0.00	0.00	0.00	0.00	0.00	0.00	
227.29	230.73	3.44	0.00	0.00	0.00	0.00	0.00	0.00	
230.73	233.78	3.05	55.00	0.57	0.00	1.00	2.00	1.00	
233.78	236.83	3.05	70.00	1.87	0.00	1.00	2.00	1.00	
236.83	239.88	3.05	30.00	0.48	0.00	3.00	2.00	1.00	
239.88	242.93	3.05	65.00	0.42	0.00	2.00	2.00	1.00	
242.93	245.97	3.04	60.00	0.64	0.00	1.00	2.00	1.00	
245.97	249.02	3.05	35.00	0.65	0.00	1.00	1.00	1.00	
249.02	252.07	3.05	80.00	0.87	0.00	2.00	2.00	1.00	
252.07	255.12	3.05	60.00	0.65	0.00	2.00	2.00	1.00	
255.12	258.17	3.05	75.00	0.64	0.00	2.00	2.00	1.00	
258.17	261.21	3.04	60.00	0.67	10.00	3.00	2.00	1.00	
261.21	264.26	3.05	60.00	0.87	0.00	2.00	2.00	1.00	
264.26	267.31	3.05	60.00	0.42	0.00	2.00	2.00	1.00	
267.31	270.36	3.05	60.00	0.33	0.00	3.00	2.00	1.00	
270.36	273.41	3.05	60.00	0.75	0.00	1.00	2.00	1.00	
273.41	276.45	3.04	75.00	0.62	0.00	2.00	2.00	1.00	
276.45	279.51	3.06	55.00	0.81	0.00	2.00	3.00	1.00	
279.51	282.55	3.04	75.00	0.45	0.00	2.00	2.00	1.00	
282.55	285.60	3.05	0.00	0.00	0.00	0.00	0.00		
285.60	288.65	3.05	60.00	0.52	0.00	2.00	2.00	1.00	
288.65	291.70	3.05	75.00	0.26	0.00	1.00	2.00	1.00	
291.70	294.74	3.04	65.00	0.69	0.00	1.00	1.00	1.00	
294.74	297.79	3.05	75.00	0.32	0.00	2.00	2.00	1.00	
297.79	300.84	3.05	60.00	0.40	0.00	2.00	2.00	1.00	
300.84	303.89	3.05	0.00	0.00	0.00	0.00	0.00		
303.89	306.93	3.04	60.00	0.26	0.00	3.00	1.00	1.00	
306.93	309.98	3.05	50.00	0.45	0.00	2.00	2.00	1.00	
309.98	313.03	3.05	75.00	0.39	0.00	2.00	2.00	2.00	
313.03	316.08	3.05	60.00	0.51	0.00	2.00	2.00	1.00	

PROPERTY NAME

316.08	319.13	3.05	0.00	0.00	0.00	0.00			
319.13	322.17	3.04	60.00	0.50	0.00	3.00	2.00	2.00	
322.17	325.22	3.05	65.00	0.23	0.00	3.00	2.00	1.00	
325.22	328.27	3.05	70.00	0.22	0.00	2.00	2.00	1.00	
328.27	331.32	3.05	60.00	0.50	0.00	3.00	2.00	1.00	
331.32	334.37	3.05	60.00	0.52	0.00	1.00	2.00	1.00	
334.37	337.41	3.04	65.00	0.80	0.00	1.00	2.00	1.00	
337.41	340.46	3.05	60.00	0.80	0.00	1.00	2.00	1.00	
340.46	343.51	3.05	65.00	1.05	0.00	1.00	2.00	1.00	
343.51	346.56	3.05	60.00	0.67	0.00	1.00	2.00	1.00	
346.56	349.61	3.05	0.00	0.00	0.00	0.00	0.00		
349.61	352.65	3.04	60.00	0.40	0.00	3.00	2.00	1.00	
352.65	355.70	3.05	60.00	0.21	0.00	2.00	2.00	1.00	
355.70	358.75	3.05	60.00	0.30	0.00	2.00	2.00	1.00	
358.75	361.80	3.05	55.00	1.05	0.00	2.00	2.00		
361.80	364.84	3.04	45.00	1.12	0.00	2.00	2.00	1.00	
364.84	367.89	3.05	75.00	0.80	0.00	2.00	2.00	1.00	
367.89	370.94	3.05	0.00	0.00	0.00	0.00	0.00		
370.94	373.99	3.05	0.00	0.00	0.00	0.00			
373.99	377.04	3.05	60.00	0.95	0.00	2.00	2.00	1.00	
377.04	380.09	3.05	55.00	0.39	0.00	2.00	2.00	1.00	
380.09	383.13	3.04	60.00	0.65	0.00	2.00	2.00	1.00	
383.13	386.18	3.05	55.00	0.70	0.00	2.00	2.00	1.00	
386.18	389.23	3.05	30.00	0.30	0.00	2.00	2.00	1.00	
389.23	392.28	3.05	0.00	0.00	0.00	0.00	0.00		
392.28	395.33	3.05	75.00	0.88	0.00	1.00	2.00	1.00	
395.33	398.37	3.04	0.00	0.00	0.00	0.00	0.00		
398.37	401.42	3.05	70.00	0.28	0.00	3.00	1.00	1.00	
			EOH @ 401.42m						

PROPERTY NAME

Hole: DDH-KL-12-127 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00	6.20	
4.00	2.10	
5.00	3.22	
6.00	0.34	
7.00	0.10	
8.00	0.20	
9.00	0.64	
10.00	2.15	
11.00	0.51	
12.00	0.71	
13.00	0.10	
14.00	0.10	
15.00	0.20	
16.00	0.10	
17.00	0.05	
18.00	0.07	
19.00	0.12	
20.00	0.10	
21.00	0.47	
22.00	0.29	
23.00	1.07	
24.00	1.59	
25.00	0.96	
26.00	0.36	
27.00	0.16	
28.00	3.16	
29.00	0.14	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.38	
31.00	0.23	
32.00	0.18	
33.00	0.18	
34.00	0.12	
35.00	0.12	
36.00	0.27	
37.00	0.10	
38.00	0.18	
39.00	0.25	
40.00	1.42	
41.00	2.26	
42.00	7.17	
43.00	8.05	
44.00	7.96	
45.00	13.90	
46.00	16.30	
47.00	16.20	
48.00	4.57	
49.00	7.57	
50.00	2.81	
51.00	2.98	
52.00	0.65	
53.00	0.32	
54.00	10.10	
55.00	10.02	
56.00	15.80	
57.00	1.31	
58.00	12.71	
59.00	0.75	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.42	
61.00	3.20	
62.00	8.32	
63.00	0.82	
64.00	0.36	
65.00	12.20	
66.00	5.54	
67.00	5.12	
68.00	3.34	
69.00	0.20	
70.00	8.63	
71.00	0.63	
72.00	8.21	
73.00	8.78	
74.00	23.00	
75.00	21.50	
76.00	16.60	
77.00	0.07	
78.00	0.69	
79.00	4.20	
80.00	15.40	
81.00	8.27	
82.00	3.27	
83.00	12.20	
84.00	0.89	
85.00	6.69	
86.00	1.86	
87.00	19.60	
88.00	5.27	
89.00	21.40	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	17.60	
91.00	13.20	
92.00	14.90	
93.00	0.20	
94.00	0.05	
95.00	0.90	
96.00	10.50	
97.00	13.40	
98.00	1.60	
99.00	16.00	
100.00	7.66	
101.00	12.00	
102.00	19.90	
103.00	14.80	
104.00	7.86	
105.00	14.50	
106.00	12.90	
107.00	0.91	
108.00	1.80	
109.00	1.02	
110.00	0.34	
111.00	0.56	
112.00	0.23	
113.00	0.53	
114.00	6.87	
115.00	0.42	
116.00	2.08	
117.00	0.34	
118.00	0.47	
119.00	5.89	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.69	
121.00	0.27	
122.00	0.31	
123.00	0.27	
124.00	2.37	
125.00	0.60	
126.00	3.73	
127.00	12.30	
128.00	14.80	
129.00	0.67	
130.00	0.36	
131.00	5.78	
132.00	10.50	
133.00	15.60	
134.00	11.00	
135.00	0.38	
136.00	0.49	
137.00	0.42	
138.00	0.47	
139.00	14.10	
140.00	12.80	
141.00	0.40	
142.00	0.84	
143.00	0.12	
144.00	0.84	
145.00	0.23	
146.00	0.27	
147.00	0.54	
148.00	0.62	
149.00	0.43	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.36	
151.00	0.42	
152.00	0.73	
153.00	0.53	
154.00	0.31	
155.00	0.16	
156.00	0.40	
157.00	0.34	
158.00	0.32	
159.00	0.23	
160.00	0.23	
161.00	0.14	
162.00	0.10	
163.00	0.21	
164.00	0.36	
165.00	7.30	
166.00	0.73	
167.00	0.60	
168.00	0.29	
169.00	0.20	
170.00	0.65	
171.00	0.93	
172.00	0.38	
173.00	0.47	
174.00	0.49	
175.00	0.23	
176.00	9.22	
177.00	1.33	
178.00	1.20	
179.00	7.30	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.41	
181.00	3.05	
182.00	0.91	
183.00	0.20	
184.00	0.23	
185.00	0.14	
186.00	2.28	
187.00	0.25	
188.00	0.23	
189.00	0.29	
190.00	0.27	
191.00	8.27	
192.00	13.60	
193.00	10.00	
194.00	0.32	
195.00	14.30	
196.00	0.36	
197.00	18.30	
198.00	11.10	
199.00	0.65	
200.00	5.06	
201.00	1.20	
202.00	2.78	
203.00	0.53	
204.00	1.59	
205.00	2.12	
206.00	4.53	
207.00	2.83	
208.00	2.43	
209.00	2.63	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	16.90	
211.00	18.00	
212.00	0.86	
213.00	0.80	
214.00	0.53	
215.00	0.43	
216.00	1.48	
217.00	10.00	
218.00	0.98	
219.00	0.69	
220.00	13.10	
221.00	0.78	
222.00	0.47	
223.00	0.67	
224.00	0.47	
225.00	1.66	
226.00	1.75	
227.00	0.80	
228.00	0.21	
229.00	1.20	
230.00	1.24	
231.00	0.40	
232.00	1.97	
233.00	0.58	
234.00	0.31	
235.00	1.20	
236.00	8.94	
237.00	2.38	
238.00	0.71	
239.00	0.21	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.42	
241.00	0.53	
242.00	0.78	
243.00	0.42	
244.00	0.38	
245.00	4.81	
246.00	0.42	
247.00	0.84	
248.00	1.26	
249.00	0.43	
250.00	0.29	
251.00	0.23	
252.00	3.27	
253.00	0.73	
254.00	0.75	
255.00	1.37	
256.00	0.23	
257.00	0.62	
258.00	1.66	
259.00	0.58	
260.00	0.69	
261.00	0.18	
262.00	0.53	
263.00	0.96	
264.00	0.49	
265.00	0.65	
266.00	0.47	
267.00	0.58	
268.00	1.28	
269.00	0.34	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.23	
271.00	0.36	
272.00	0.43	
273.00	0.20	
274.00	0.42	
275.00	0.25	
276.00	0.30	
277.00	0.32	
278.00	0.45	
279.00	0.40	
280.00	0.53	
281.00	0.51	
282.00	1.09	
283.00	1.81	
284.00	0.12	
285.00	0.38	
286.00	0.80	
287.00	0.32	
288.00	0.96	
289.00	0.47	
290.00	0.31	
291.00	0.45	
292.00	0.34	
293.00	0.56	
294.00	0.34	
295.00	0.73	
296.00	0.76	
297.00	0.29	
298.00	1.04	
299.00	0.65	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.05	
301.00	0.12	
302.00	0.01	
303.00	0.20	
304.00	0.18	
305.00	0.03	
306.00	0.09	
307.00	0.07	
308.00	0.09	
309.00	0.71	
310.00	0.12	
311.00	0.13	
312.00	0.12	
313.00	1.64	
314.00	0.07	
315.00	0.61	
316.00	0.02	
317.00	0.72	
318.00	0.69	
319.00	0.31	
320.00	0.61	
321.00	0.25	
322.00	0.05	
323.00	0.08	
324.00	0.07	
325.00	0.20	
326.00	0.20	
327.00	0.03	
328.00	0.01	
329.00	0.75	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.49	
331.00	0.20	
332.00	0.09	
333.00	0.08	
334.00	0.21	
335.00	0.10	
336.00	0.10	
337.00	0.27	
338.00	0.14	
339.00	0.10	
340.00	0.40	
341.00	0.23	
342.00	0.34	
343.00	0.03	
344.00	0.07	
345.00	0.01	
346.00	0.27	
347.00	0.10	
348.00	0.62	
349.00	0.09	
350.00	0.49	
351.00	0.07	
352.00	0.14	
353.00	0.09	
354.00	0.18	
355.00	0.09	
356.00	0.10	
357.00	0.05	
358.00	0.12	
359.00	0.16	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.40	
361.00	9.47	
362.00	10.90	
363.00	17.30	
364.00	1.64	
365.00	3.67	
366.00	0.40	
367.00	0.38	
368.00	0.27	
369.00	0.43	
370.00	1.86	
371.00	1.86	
372.00	11.70	
373.00	3.29	
374.00	0.51	
375.00	5.16	
376.00	14.60	
377.00	14.50	
378.00	22.30	
379.00	33.40	
380.00	0.93	
381.00	30.40	
382.00	4.72	
383.00	7.83	
384.00	0.36	
385.00	0.40	
386.00	0.53	
387.00	0.95	
388.00	13.40	
389.00	1.73	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	3.23	
391.00	7.06	
392.00	15.00	
393.00	11.50	
394.00	14.70	
395.00	5.69	
396.00	2.63	
397.00	2.36	
398.00	3.07	
399.00	0.80	
400.00	0.47	
401.00	0.51	
		EOH @ 401.42m

PROPERTY NAME

Hole: **DDH-KL-12-127** **Date:**

Box #	From (m)	To (m)
1	2.90	9.62
2	9.62	14.92
3	14.92	20.80
4	20.80	26.52
5	26.52	32.45
6	32.45	38.10
7	38.10	43.87
8	43.87	49.52
9	49.52	55.25
10	55.25	60.25
11	60.25	66.87
12	66.87	69.57
13	69.57	75.29
14	75.29	80.24
15	80.24	85.48
16	85.48	90.96
17	90.96	96.62
18	96.62	102.20
19	102.20	107.57
20	107.57	113.15
21	113.15	118.67
22	118.67	124.35
23	124.35	129.98
24	129.98	135.25
25	135.25	141.10
26	141.10	147.95
27	147.95	152.75
28	152.75	158.44
29	158.44	164.05

PROPERTY NAME

30	164.05	169.77
31	169.77	174.85
32	174.85	180.62
33	180.62	186.05
34	186.05	191.48
35	191.48	197.20
36	197.20	202.81
37	202.81	208.11
38	208.11	213.39
39	213.39	219.10
40	219.10	225.07
41	225.07	230.90
42	230.90	236.83
43	236.83	242.04
44	242.04	248.45
45	248.45	254.16
46	254.16	259.75
47	259.75	265.50
48	265.50	271.26
49	271.26	276.97
50	276.97	282.55
51	282.55	287.45
52	287.45	292.43
53	292.43	297.88
54	297.88	303.61
55	303.61	308.93
56	308.93	314.32
57	314.32	319.94
58	319.94	325.53
59	325.53	330.90
60	330.90	336.10
61	336.10	340.95
62	340.95	346.56
63	346.56	352.07
64	352.07	358.48
65	358.48	363.43
66	363.43	369.88

PROPERTY NAME

67	369.88	374.70
68	374.70	380.41
69	380.41	386.03
70	386.03	391.86
71	391.86	397.63
72	397.63	401.42
	401.42	EOH @ 401.42

KLAZA

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			383162.4	6888908	1380.526	486.77

SECTION: BRX 11+400 mE

HOLE: KL-DDH-12-128

CLAIM:

Contractor: Swiftsure

Drill: A5

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates: Aug 31st to Sept 5th, 2012

Geology logged by: X. Montague

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
26.5176	38.4	-49.8	Ranger	209.3976	43.5	-49.1	Ranger
72.2376	39.8	-50	Ranger	255.1176	45.7	-48.5	Ranger
117.9576	41.1	-49.8	Ranger	331.3176	47.8	-47.8	Ranger
163.6776	42.2	-49.5	Ranger	422.7576	51	-46.2	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.23	8.23	OVB	Overburden, broken propylitic altered granodiorite.
8.23	149.82	141.59	GRD	Strongly altered granodioirte. Zones of strong sericitic
				alteration around vein zones hosting pervasive
				sulphides frequent at top of interval.
149.82	159.80	9.98	FEL	Quartz feldspar porphyry dyke with strong pyrite
				and quartz veins on selvages.
159.80	422.94	263.14	GRD	Advanced argillic altered granodiorite with phyllic
				altered overprinting. Very frequent pyrite stringers
				throughout zone.
422.94	465.90	42.96	VEN/FEL	Strong, complex vein zone on selvage of quartz
				feldspar porphyry dyke. Quartz vein hosts abundant
				semi-massive sulphides. Many veinlets and stringers
				associated with larger veins.
465.9	486.77	20.87	GRD	weakly to unaltered granodiorite.
				EOH at 486.77 m

SAMPLES

Numbers: M358846 - M359000, M354301 - M354417

Total: 272

Batch: 128-1 - 128-8

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-DDH-12-128 **Logger Name:** X. Montague **Date: September 6, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	6.10	6.10					OVB														HQ casing consisting of propylitic altered granodiorite and red/brown gouge.
6.10	8.23	2.13					OVB			RD								Sc	1		Overburden consisting of broken propylitic altered granodiorite with scorodite in fractures.
										BN											
8.23	14.50	6.27				mKgW	GRD	MG	MD	OR	GO			PHI	4			Li	40		Orange/brown faulted gouge. Phyllic altered granodiorite. Strongly faulted.
										BN				ARG	4						
14.50	80.30	65.80				mKgW	GRD	MG	LT	GR				SER	1			Li	10		Intense phyllic altered granodiorite with areas of sericitized altered granodiorite broken out in subintervals. Pervasive oxidation to 34 m, oxidation in faults/fractures to 76 m. sericite is limonite stained until 42 m or altered to an orange sericite? Frequent weak faulted zones (see secondary structures). frequent pyrite stringers more frequent in sericitized zones.
										OR				PHI	4			Py	3		
			37.61	80.30	42.69	mKgW	GRD	MG	LT	GR				SER	3			Py	4		Strong sericite altered granodiorite with frequent, shallow pyrite veinlets and occasional quartz/chlorite/carbonate vein.
										WH											
80.30	140.93	60.63				mKgW	GRD	MG	LT	GR				PHI	2			Py	3		Moderate/strong phyllic altered granodiorite with shallow dipping pyrite veinlets. Patches of sericitic altered granodiorite enveloping veins/veinlets. Disseminated pyrite pervasive as blebs, most in veinlets.
140.93	149.82	8.89				mKgW	GRD	MG	LT	GR				SER	3			Py	10		Moderate/strong sericite altered granodiorite with frequent pyrite stringers and quartz veins.
										WH											
149.82	159.80	9.98				LKqP	FEL		MD	GR	PO							Ch	5		Medium green quartz feldspar porphyry dyke with chlorite veinlets and blebs.
159.80	185.11	25.31				mKgW	GRD	MG	LT	GR				PHI	3			Py	2		Moderate to strong phyllic altered granodiorite with sub-interval of strong phyllic/sericite altered granodiorite resulting from massive mineralized veins.
									MD												
			159.80	165.00	5.20	mKgW	GRD	MG	LT	WH				SER	4			Py	10		Sericitic altered granodiorite hosting disseminated pyrite and mineralized veins.
										GR											
185.11	209.42	24.31				mKgW	GRD	MG	MD	GR	PA			PRO	3			Py	2		Moderate to strong propylitic altered granodiorite with patches of 15-40 cm argillic altered granodiorite. Interval is crosscut by infrequent 1 cm white, translucent quartz veins hosting fine-grained blebby pyrite and white carbonate veinlets, often with a brecciated texture.
									DK	GY											
209.42	212.10	2.68				mKgW	GRD	MG	LT	WH				ARG	3						Strong argillic altered granodiorite with white carbonate veinlets.
										GR											
212.10	223.80	11.70				mKgW	GRD	MG	DK	GR				PRO	3			Py	2		Moderately propylitic altered granodiorite with two 15 cm argillic altered patches. Disseminated pyrite.
										GY											
										PK											
223.80	224.67	0.87				mKgW	GRD	MG	LT	WH				ARG	3						Moderate argillic altered granodiorite
										PK											
										GR											
224.67	234.60	9.93				mKgW	GRD	MG	MD	GR				PRO	3			Py	2		Moderate/strong propylitic altered granodiorite with pyrite stringers and disseminated pyrite.
										GY											
234.60	236.17	1.57				mKgW	GRD	MG	LT	GR				ARG	3						Moderate argillic altered granodiorite.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
										WH											
236.17	240.50	4.33				mKgW	GRD	MG	MD	GR				PRO	3			Py	2		Moderate propylitic altered granodiorite with disseminated pyrite. Pervasive pyrite stringers and weak phyllic altered overprinting.
										GY				PHI	2						
240.50	270.22	29.72				mKgW	GRD	MG	MD	GR				PRO	3			Py	4		Moderate-strong propylitic altered granodiorite with a phyllic altered overprint. Frequent pyrite veinlets with sericitic envelopes.
										GY				PHI	2						
270.22	414.64	144.42				mKgW	GRD	MG	LT	GR				ARG	4			Py	4		Advanced argillic altered granodiorite with phyllic altered granodiorite overprinting. Very frequent pyrite stringers with 1 cm sericitic envelopes. Pervasive disseminated pyrite.
										GY				PHI	3						
414.64	422.94	8.30				LKqP	FEL		MD	GR	PO			ARG	1						Argillic altered quartz feldspar porphyry dyke. Plagioclase phenocrysts are altered.
422.94	465.90	42.96				mKgW	GRD	MG													Advanced argillic altered granodiorite with phyllic altered granodiorite overprinting. Very frequent pyrite stringers with 1 cm sericitic envelopes. Pervasive disseminated pyrite.
465.90	472.18	6.28				mKgW	GRD	MG	LT	WH				ARG	3						Argillic altered granodiorite with frequent carbonate veinlets.
472.18	486.77	14.59				mKgW	GRD	MG													Advanced argillic altered granodiorite with phyllic altered granodiorite overprinting. Very frequent pyrite stringers with 1 cm sericitic envelopes. Pervasive disseminated pyrite.
																					EOH @ 486.77 m.

KLAZA

Hole: KL-DDH-12-128 Logger Name: X. Montague

Depth (m)		DESCRIPTION
149.69 m	25 degrees TCA	Contact consists of brecciated chlorite veinlets, granodiorite and quartz feldspar porphyry dyke. Dark grey gouge also present. Top 2 cm of granodiorite hosts blebby pyrite. Quartz feldspar porphyry dyke is flowbanded or sheared for first 6 cm, then shearing motion is observed in chlorite phenocrysts for 2 m.
149.82 m	25 degrees TCA	Contact consists of brecciated chlorite veinlets, granodiorite and quartz feldspar porphyry dyke. Dark grey gouge also present. Top 2 cm of granodiorite hosts blebby pyrite. Quartz feldspar porphyry dyke is flowbanded or sheared for first 6 cm, then shearing motion is observed in chlorite phenocrysts for 2 m.
159.70 m	45 degrees TCA	Quartz feldspar porphyry dyke is weakly faulted for 4 cm, then a minor brecciated chlorite vein downhole, then sharp contact with phyllic altered granodiorite.
159.80 m	45 degrees TCA	Quartz feldspar porphyry dyke is weakly faulted for 4 cm, then a minor brecciated chlorite vein downhole, then sharp contact with phyllic altered granodiorite.
414.64 m	75 degrees TCA	Granodiorite (uphole) - quartz feldspar porphyry dyke (downhole). Sharp contact, quartz feldspar porphyry is fine grained for 10 cm, chilled margin.
422.94 m	75 degrees TCA	Quartz feldspar porphyry dyke (uphole) - granodiorite (downhole). Sharp contact, bottom 15 cm is fine grained chilled margin.
		EOH

KLAZA

Hole: KL-DDH-12-128 **Logger Name:** X. Montague **Date:** September 6, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Ft	8.23	14.50	6.27			1	Li	40	Faulted gouge, limonite stained with areas of scorodite in fractures.	
							Sc	3		
Vt	23.47	80.50	57.03	45		60	Py	3	Frequent pyrite veinlets, most shallow. 30-45 TCA, some 70-80 TCA.	
Ft	30.30	30.64	0.34	70		1	Li	5	Weakly faulted granodiorite. No gouge.	
Ft	33.02	33.05	0.03	60		1	Li	5	Weakly faulted granodiorite, no gouge.	
Ft	33.47	33.89	0.42	60		1	Li	10	Weakly faulted granodiorite, no gouge.	
Ft	36.50	38.00	1.50	60		3	Li	20	3 weakly faulted granodiorite, crumbly, no gouge.	
Ft	42.48	45.45	2.97	70		3	Li	2	Patches of weakly faulted granodiorite, limonite staining not as strong as uphole. Matrix of the faulted breccia is white clay.	
Vn	53.95	54.01	0.06	55		1	Py	1	White, milky chalcedony vein with minor blebs of pyrite and sphalerite.	
							Sph	1		
Vn	54.10	54.12	0.02	85		1	Py	1	White, milky chalcedony vein with minor blebs of pyrite and sphalerite.	
							Sph	1		
Vn	55.52	55.56	0.04	80		1	Py	1	White, milky chalcedony vein with minor blebs of pyrite and sphalerite.	
							Sph	1		
Vt	57.77	57.78	0.01	85		1			White chlorite vein, no mineralization.	
Ft	60.00	60.40	0.40	80		1	Li	4	Faulted granodiorite, minor gouge.	
Ft	61.05	62.05	1.00			1	Li	2	Faulted granodiorite, no gouge but 60 cm of core missing.	
Ft	63.35	63.74	0.39			1	Py	2	Crumbled, possible fault, scorodite with pyrite.	
							Sc	3		
Vn	63.98	64.10	0.12	20		1			Shallow, faulted vein, massive medium/coarse grained pyrite.	
Vn	65.60	65.70	0.10	20		1	Py	10	White, translucent quartz vein hosting blebby pyrite with phyllic altered granodiorite uphole and limonite stained, faulted granodiorite downhole.	
Vt	65.80	67.80	2.00	65		60			Frequent, netted limonite stained veinlets, often hosting blebby pyrite.	
Ft	71.27	71.84	0.57	75		1	Li	3	Weakly faulted granodiorite, minor limonite staining, matrix is a white clay.	
Vn	71.84	72.34	0.50	65			Py	30	Broken, some lost, vein zone. 15 cm is massive white, milky chalcedony hosting very minor blebs of pyrite and sphalerite. 15 cm is smoky quartz hosting massive medium/coarse grained pyrite.	
Dk	75.75	75.79	0.04	60		1			Aplite dyke.	
Vn	76.50	76.72	0.22	20		1			Shallow dipping vein zone, some smoky quartz vein hosting 90 % medium/coarse grained pyrite. Also 3 cm carbonate vein.	
Vn	78.04	78.26	0.22	80		1	Py	10	Very weakly faulted vein/veinlet zone, white translucent quartz with sulphide stringers (dark grey alteration).	
Vn	78.50	78.61	0.11	80			Py	10	Complex vein. Top 3 cm is massive pyrite/chalcopyrite/galena in smoky quartz vein, remainder of vein is massive crystalline chalcedony.	
							Cp	3		
							Gn	1		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vt	87.50	90.00	2.50	75		5	Py	80	5 smoky quartz veinlets hosting pyrite (80 %/veinlet), veinlets have 0.5 cm sericitic selvage.	
Ft	90.20	90.25	0.05	65		1	Li	1	Medium grey gouge fault with some limonite staining.	
Vn	90.80	90.95	0.15	80		1	Py	3	Massive, crystalline calcium with a mineralized veinlet on downhole side.	
Vn	94.84	94.87	0.03	75		1	Ca	95	Calcite vein.	
Fx	94.89	94.89		75					Dumortierite in fracture.	
Vt	98.30	106.80	8.50	40		8	Py	60	White, translucent quartz veinlets 2 mm hosting 60 % pyrite. Sericitic altered selvages.	
Vn	102.72	105.00	2.28	45		5	Ca	100	Calcite veins.	
Vt	106.80	109.10	2.30	80		9	Py	50	Smoky quartz veinlets hosting blebby pyrite.	
Vn	110.90	110.95	0.05	45		1	Py	80	Smoky quartz vein hosting massive, coarse grain pyrite.	
Vt	112.30	113.80	1.50	60		2	Py	30	Smoky quartz veinlets hosting coarse grained, blebby pyrite.	
Ft	113.85	114.56	0.71	80		1	Py	1	Light grey faulted granodiorite, top 15 cm is gouge. Trace disseminated pyrite.	
Vt	114.80	117.25	2.45	50		4	Py	90	Smoky quartz veinlets hosting coarse grained blebby pyrite.	
Vt	119.75	120.80	1.05	65		4			Slight crustiform chlorite veinlets, no mineralization.	
Ft	121.50	124.25	2.75			1	Py	1	Crumbled, brown, weakly faulted granodiorite, dark grey gouge present - suggesting sulphides present.	
Ft	129.80	129.85	0.05	80					Weakly faulted granodiorite, dark grey gouge present.	
Vt	130.15	139.35	9.20	65		15	Py	40	Smoky quartz/white translucent quartz veinlets hosting blebby pyrite.	
Vt	133.80	135.02	1.22	65		5	Py	5	White/milky chalcedony and white/translucent quartz veinlets hosting minor pyrite blebs.	
Vn	130.70	130.81	0.11	60		1	Py	25	Vein consisting of multiple veinlets, one chalcedony, most smoky quartz hosting fine grained pyrite blebs. 10 cm selvage of sericite on either side.	
Vn	135.52	135.55	0.03	60		1	Py	40	White, translucent quartz vein hosting blebby pyrite.	
Vn	137.35	137.37	0.02	80		1	Py	40	White, translucent quartz vein hosting blebby pyrite.	
Vn	137.75	137.77	0.02	75		1	Qz	100	White, translucent quartz vein, no mineralization.	
Vt	140.00	148.00	8.00	45		45	Py	80	Very frequent pyrite stringers with sericitic selvages. Orientation varies, but most are 45 degrees TCA, one veinlet has blebs of chalcopyrite. Pyrite is 80 % of veinlets.	
							Cp	1		
Dk	149.82	159.80	9.98	25		1			Feldspar porphyry dyke, top 1.5 m is flow banded - sheared chlorite clasts.	
Vt	149.82	159.80	9.98	65		16	Ch	100	Dyke is crosscut by off white/milky chalcedony veinlets.	
Vn	159.77	159.80	0.03	45		1	Ch	100	Chalcedony vein at dyke - granodiorite contact.	
Vt	160.00	163.70	3.70	65		17	Py	50	Smoky quartz veinlets hosting blebby pyrite.	
Vn	160.81	160.88	0.07	70		1	Py	80	Smoky quartz vein? Massive pyrite.	
Vn	161.05	161.38	0.33	75		1	Py	50	Banded vein, 50 % is massive pyrite, remained is smoky quartz, off white chalcedony.	
Vn	162.95	162.97	0.02	70		1	Py	60	Smoky quartz vein hosting blebby pyrite with 1 cm sericite selvage.	
Vn	164.30	164.42	0.12	80		1	Py	30	Banded vein: majority is dark grey?black gouge. 30 % is massive pyrite.	
Vn	164.52	164.57	0.05	80		1	Py	30	Blebby sulphides. Majority is pyrite, some minor arsenopyrite (or sulphosalts).	
							As	2		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	167.50	172.10	4.60	75		3	Py	30	3, 1 cm white/translucent quartz veins hosting blebby pyrite.	
Vn	172.55	172.59	0.04	80		1	Py	75	White/translucent quartz vein hosting blebby pyrite.	
Vt	174.12	174.22	0.10	75		10	Py	1	Smoky quartz veinlets with minor pyrite blebs.	
Vn	174.27	174.31	0.04	75		1	Py	1	Vuggy, netted pink chalcedony vein with smoky quartz and trace pyrite.	
Vn	174.52	174.55	0.03	90		1	Py	15	White, translucent quartz vein with blebby pyrite.	
Ft	174.82	174.88	0.06	75		1			Weakly developed fault.	
Vt	175.80	179.60	3.80	70		9	Py	2	White chalcedony/quartz veinlets with minor pyrite.	
Vt	182.14	182.84	0.70	60		5	Py	20	Multiple pyrite and arsenopyrite veinlets.	
Vt	183.40	185.20	1.80			4	Py	5	4 smoky quartz veinlets hosting blebby pyrite.	
Vn	187.10	187.15	0.05	60		1	Py	5	Banded vein. Top 2 cm is white, non carbonate breccia, bottom 3 cm is smoky quartz and white, translucent quartz vein hosting blebby pyrite.	
Vn	188.82	188.84	0.02	60		1			Carbonate brecciated vein, no mineralization.	
Vt	190.80	197.00	6.20	50		5	Py	2	White/translucent quartz veinlets hosting pyrite with chlorite.	
							Cl	1		
Vt	192.90	192.92	0.02	60		1			White/pink chalcedony vein, brecciating granodiorite.	
Ft	194.54	194.72	0.18	60		1			Weak faulted granodiorite, argillic altered granodiorite.	
Ft	195.00	195.20	0.20	60		1			Weak faulted granodiorite, argillic altered granodiorite.	
Vt	197.00	198.20	1.20	60		8			Chalcedony veinlets.	
Vn	200.74	200.85	0.11	50		2	Py	30	Smoky 1 cm quartz veins crosscutting the following vein set.	
Vn	200.74	200.87	0.13	45		2	Py	2	White/translucent quartz vein hosting minor pyrite blebs.	
Vn	201.79	201.81	0.02	45		1	Py	2	White/translucent quartz vein hosting pyrite and chalcedony, with a sericitic selvage (1 cm either side).	
							Ch	1		
Vn	201.82	201.83	0.01	45		1			Crosscuts above vein, off white, banded chalcedony vein. No mineralization.	
Vn	206.19	206.22	0.03	45		1	Py	20	Smoky quartz vein hosting blebby pyrite.	
Vn	207.83	208.03	0.20	75		3			3 white/translucent quartz veins hosting blebby pyrite. One has comb textures.	
Vn	211.77	211.83	0.06	65		1	Cb	100	White carbonate vein with an adjacent dumorterite veinlet.	
Vn	224.15	224.17	0.02	70		1			Smoky quartz vein, translucent with altered veinlets on selvage. No mineralization.	
Vt	228.00	229.00	1.00	50		11	Py	5	Smoky quartz veinlets hosting pyrite.	
Vn	229.44	229.50	0.06	65		1	Py	4	Crustiform white/offwhite chalcedony vein hosting pyrite and arsenopyrite (or sulphosalts).	
							As	2		
Dk	233.80	234.00	0.20	55		1			Aplite dyke	
Vt	235.80	235.81	0.01	80		1	Py	1	Pink/white banded chalcedony vein hosting fine grained pyrite.	
Vt	236.19	236.20	0.01	75		1	Py	5	Smoky quartz vein hosting pyrite with a sericite selvage.	
Vt	240.55	242.58	2.03	65		20	Py	10	Frequent smoky quartz stringers hosting pyrite	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Dk	239.60	239.69	0.09	80		1			Aplite dyke.	
Vn	244.39	244.41	0.02	60		1	Py	2	Banded chalcedony vein with prismatic clear quartz with pyrite stringers.	
Vt	244.45	265.00	20.55	65		38	Py	15	Smoky quartz stringers hosting blebby pyrite and chlorite.	
Vn	245.75	245.85	0.10	65		1	Py	20	Smoky quartz vein with blebs of off white chalcedony hosting blebby pyrite and minor chalcopyrite.	
							Cp	1		
Vn	248.54	248.57	0.03	65		1	Py	5	Minor crustiform off white chalcedony vein hosting blebby pyrite.	
Vn	248.72	248.81	0.09	65		1	Py	30	White translucent quartz vein hosting massive to blebby pyrite.	
Vn	253.85	254.25	0.40	80		1	Py	3	Xenolith - country rock? - crosscut by quartz veinlet hosting pyrite.	
Vn	255.45	255.56	0.11	70		1	Py	25	White/translucent quartz vein hosting blebby pyrite ans massive pyrite.	
Vn	272.45	272.49	0.04	30		1	Py	5	Smoky quartz, white/translucent quartz and white/pink chalcedony vein hosting blebby pyrite.	
Vt	262.50	264.60	2.10	65		2	Py	25	Smoky quartz veinlets hosting blebby pyrite with 2 cm sericite selvages.	
Vn	274.30	274.50	0.20	75		2	Py	3	Two crustiform chalcedony veinlets with some smoky quartz hosting blebby pyrite.	
Vn	278.00	293.00	15.00	60		31	Py	15	Frequent smoky quartz veinlets hosting blebby pyrite. Veinlets have 1 cm phyllic envelopes.	
Dk	284.15	284.25	0.10	60		1			Silicious dyke crosscut by chalcedony veinlet. No mineralization.	
Vn	293.56	293.62	0.06	50		1	Py	4	Brecciated chalcedony vein with infilling white carbonate and clasts of white, translucent quartz vein. Large, 2.5 mm elongate pyrite blebs.	
Vn	294.87	294.91	0.04	50		1	Py	5	Brecciated chalcedony vein with infilling white carbonate and clasts of white, translucent quartz vein. Large, 2.5 mm elongate pyrite blebs.	
Dk	295.20	295.26	0.06	30		1			Aplite dyke	
Vn	295.98	296.00	0.02	70		1			Banded white/pink chalcedony vein, unmineralized.	
Vn	296.54	296.68	0.14	75		1	Py	3	Smoky quartz breccia with netted milky quartz veinlets crosscutting off white chalcedony hosting fine grained blebs of pyrite.	
Vt	300.50	362.00	61.50	65		56	Py	12	1/m translucent/white quartz vein/veinlets, average 65 degrees TCA, often obscured with calcite. Quartz is massive, crystalline. Vein/veinlets host blebby 5-20 % pyrite.	
Vn	306.02	306.04	0.02	35		1	Py	5	Smoky quartz and intercrystalline white/pink chalcedony vein hosting fine grained blebby pyrite and very fine grained galena? Or another grey sulphide.	
							Gn	1		
Vn	306.51	306.54	0.03	85		1	Py	10	White/translucent quartz vein with downhole white/pink pyrite chalcedony veinlets hosting blebby pyrite.	
Vn	316.81	316.83	0.02	25		1	Py	15	Smoky quartz vein with blebby pyrite.	
Vn	322.05	322.12	0.07	90		1	Py	25	Weakly faulted, some dark grey gouge, grey-translucent quartz vein hosting blebby pyrite.	
Vn	329.60	329.62	0.02	65		1	Py	60	Smoky quartz vein with an off white chalcedony veinlet downhole. Smoky quartz is hosting blebby pyrite.	
Vn	329.74	329.77	0.03	80		1			Silicious, brecciated vein. Milky, smoky quartz with off white chalcedony veinlets, brecciated. No mineralization.	
Ft	332.22	332.31	0.09	30		1			Weakly faulted granodiorite with dark grey gouge.	
Vn	337.39	337.41	0.02	45		1	Py	15	White translucent quartz vein hosting blebby pyrite.	
Vt	339.62	339.70	0.08	90		7	Py	5	Frequent smoky quartz veinlets hosting fine grained blebby pyrite.	
Vn	340.34	340.36	0.02	85		1	Py	7	Vuggy white, translucent quartz vein, infilled with calcite blebby pyrite with quartz.	
Vn	348.34	348.36	0.02	90		1	Py	40	Smoky/grey, translucent quartz hosting blebby pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Ft	356.45	356.48	0.03	65		1			Weakly faulted granodiorite with grey/white clay matrix. Unmineralized.	
Vn	358.14	358.15	0.01	80		1	Ch		Banded off white chalcedony vein, unmineralized.	
Vn	361.23	361.25	0.02	45		1	Py	50	White/grey translucent quartz vein hosting blebby pyrite.	
Vt	363.00	412.00	49.00	60		41	Py	10	Relatively shallow (TCA) white, translucent quartz veins hosting blebby - semi massive pyrite.	
Vn	371.77	371.84	0.07	55		2	Py	20	2, 1.5 cm white, translucent quartz veins hosting blebby pyrite.	
Dk	369.86	370.02	0.16	80		1	Py	1	Grey, translucent quartz rich silicious dyke enveloped by 1 cm off white chalcedony breccia infilled with white carbonate.	
Bx/Vn	372.32	372.41	0.09	65		1	Py	2	Smoky quartz brecciated vein, chalcedony is matrix with clasts of smoky quartz, some small blebs of pyrite.	
Vn	377.31	377.33	0.02	75		1	Py	40	White, translucent quartz with blebby - semimassive pyrite.	
Vn	377.35	377.37	0.02	75		1	Py	1	White chalcedony and grey, milky quartz veins, netted.	
Vn	378.44	378.45	0.01	80		1			White carbonate breccia with clasts of grey, milky quartz.	
Vn	381.20	381.40	0.20	75		1	Py	25	Smoky quartz with fine grained sulphides brecciated (matrix) clasts are white, translucent quartz with a late stage white carbonate (matrix) brecciating the smoky quartz breccia. Blebs of pyrite.	
Vn	381.82	382.08	0.26	45		2	Py	25	Two, 1 cm white translucent quartz veins hosting blebby pyrite.	
Vn	383.61	383.74	0.13	85		1	Py	35	Smoky quartz and white, translucent quartz vein hosting blebby to semi-massive pyrite and chalcopyrite.	
							Cp	2		
Vn	383.98	384.00	0.02	90		1	Py	35	Smoky quartz and white, translucent quartz vein hosting blebby to semi-massive pyrite and chalcopyrite.	
Ft	384.30	384.46	0.16	50		1			Weak to moderately strong faulted granodiorite.	
Vn	393.51	393.52	0.01	75		1	Py	20	Grey, translucent quartz and pink/white chalcedony vein hosting blebby pyrite.	
Vn	395.79	395.80	0.01	80		1	Py	15	Grey, translucent quartz and pink/white chalcedony vein hosting blebby pyrite.	
Vn	399.30	399.39	0.09	90		1	Py	25	Weakly faulted vein, dark grey gouge, vein is massive smoky quartz with blebby pyrite.	
Ft	399.90	399.95	0.05	75		1	Py	5	Possible weak fault.	
Dk	414.64	422.94	8.30	70					Quartz feldspar porphyry dyke, very porphyritic, feldspars are completely altered. Mafic phenocrysts have visible twins - clynoperoxene?	
Dk	426.00	427.30	1.30	80		7			Seven apliote dykes, most 2 cm one 15 cm, offset by carbonate veinlet (fault).	
Vn	428.57	428.58	0.01	70		1	Py	1	Crustiform chalcedony vein, banded with slight off white. Different composition of chalcedony, trace blebs of pyrite.	
Vn	431.00	431.43	0.43	70		9	Py	20	Complex vein zone: majority is grey - smoky/translucent. Quartz vein hosting blebby - semi-massive pyrite. Minor areas are weakly faulted, creating dark grey gouge. Minor off white chalcedony breccia with clasts of grey/smoky/milky quartz. Galena is associated with this breccia.	
							Gn	1		
Dk	432.46	432.74	0.28	85		1			Aplite dyke.	
Vn	434.73	434.84	0.11	90		1	Py	10	Aphanitic, smoky quartz vein with very fine grained sulphides in matrix. Sericitized granodiorite. Blebby pyrite.	
Vt	441.90	445.40	3.50	75		7	Py	15	Smoky quartz veinlets hosting blebby pyrite.	
Vn	448.91	448.94	0.03	40		1	Ca	100	Calcite vein.	
Vt	453.50	456.00	2.50	70		8	Py	5	eight smoky quartz veinlets hosting blebby pyrite.	
Vn	425.10	456.50	31.40	25		1	Py	2	Pink/grey/translucent quartz vein. Shallow cutting crosscut by pyrite stringers.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Ft	456.29	456.40	0.11	25					Weak fault?	
Vn	458.68	458.78	0.10	70		1	Py	2	Pink/grey/translucent quartz vein. Shallow cutting crosscut by pyrite stringers.	
Vn	459.24	459.33	0.09	60		1	Py	2	Pink/grey/translucent quartz vein. Shallow cutting crosscut by pyrite stringers.	
Vn	459.37	459.60	0.23	45		1	Py	2	Pink/grey/translucent quartz vein. Shallow cutting crosscut by pyrite stringers.	
Vn	460.20	460.28	0.08	70		1	Py	50	Dark grey/black breccia, quartz rich, sulphide rich with clasts of grey, translucent quartz and white chalcedony hosting blebby - massive pyrite.	
Vn	460.58	460.72	0.14				Py	60	Top 5 cm is banded, dark grey/black quartz/sulphide breccia with white chalcedony vein hosting blebby pyrite. Remained is massive pyrite.	
Vn	462.50	463.60	1.10	20		2	Py	2	Pink/grey translucent quartz vein with pyrite stringers.	
Ft	465.40	465.60	0.20			1			Weak fault? Or argillic altered, crumbled granodiorite.	
Vn	465.79	465.81	0.02	65		1	Py	80	Massive pyrite enveloped by chalcedony veinlets.	
Vt	470.30	470.32	0.02	20		5	Py	2	Dark grey, sulphide, breccia veinlets, shallow crosscutting.	
Vt/Vn	474.60	486.77	12.17	65		9	Py	5	White/grey translucent quartz vein hosting blebby pyrite.	
Vn	477.71	477.82	0.11	90		1	Py	90	Massive pyrite.	
									EOH	

KLAZA

Hole: KL-DDH-12-128 **Date: September 6, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
76.5	1580	1965	1091.9	719.5	GRD		PHC	4I	Py	7	2.836104	2.932062	Sericitic altered GRD crosscut by Py veinlets and Cb veinlets
							SER	3I					
67.1	1580	1920	921.3	584.6	GRD		PHC	3I	Py	<1	2.709706	2.736264	Orange/green mottled Phc altered GRD, orange and green sericites. Pervasive Py
							SER	3I					
47.8	1580	1892	858.1	548.9	GRD		PHC	4I	Py	4	2.750321	2.775226	Phc altered GRD crosscut by 0.5cm Py VT at 20 degrees TCA with a strong sericitc altered envelope
							SER	3I					
35.6	1580	1830	674	427.7	GRD		PHC	4I	Py	2	2.696	2.7365	Phc altered GRD crosscut by 0.2 cm Py VT at 20 degrees TCA with a strong sericitc altered envelope
							SER	3I					
90.9	1570	1955	1043.7	675.6	GRD		PHC	2I	Py	2	2.710909	2.835371	Massive calcite vein with Py stringers and phc altered GRD
									Ca	60			
115.9	1560	1960	516.4	321.3	GRD		PHC	3I	Py	1	1.291	2.646848	Phyllic altered GRD with disseminated Py replacing mafics
130.8	1560	1800	693	455.6	GRD		PHC	4I	Py	7	2.8875	2.919124	Phylllic altered GRD crosscut by 10 smoky Qz veins hosting Py stringers
							SER	3I					
151.4	1560	1840	781.2	494.9	FEL	PO					2.79	2.728606	Medium green FEL PO dyke
160.75	1555	1850	968.4	673	GRD		PHC	4I	Py	35	3.282712	3.278267	Phyllic altered GRD with 7 cm massive Py in vien and Py stringers crosscutting Phc altered GRD with seriticized feldspars
							SER	3I					
161.3	1555	1818	834.2	570.4	GRD		PHC	4I	Py	15	3.171863	3.162244	Complex vein, multiple Py stringers, broken up, netted Ch veins, with smoky Qz infilling.
							SER						
192	1530	1830	867.4	570.6	GRD		PHC	3I	Py	5	2.891333	2.922507	Phyllic altered GRD with four Qz veinlets hosting Py anf Cl

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
208	1530	1925	1135.2	774	GRD		PHC	3I	Py	7	2.873924	3.142857	White, translucent Qz veins (2) hosting blebby Py
214.9	1530	1930	840.7	536.1	GRD		PHC	2I	Py	1	2.10175	2.760013	Weak phylllic altered GRD with disseminated Py
229.5	1530	1700	507.2	334.7	GRD		PHC	3I	Py	3	2.983529	2.94029	Moderate phyllic altered GRD hosting an offwhite Ch vein with disseminated Py and As (or Ss)
									As	2			
246.8	1510	1880	1137.9	732	GRD		PHC	4I	Py	25	3.075405	2.8034	White-smoky Qz veining (3), 1-6cm hosting semi-massive Py, Intense phyllic and sericitic alteration
255.5	1510	1680	592.9	427.8	GRD		PHC	4I	Py	45	3.487647	3.591157	Massive white Qz vein hosting semi massive Py
273.35	1510	1750	635.6	398	GRD		ARG	3I	Py	5	2.648333	2.675084	Argillic altered GRD with frequent Py stringers
294.8	1510	1680	477.5	307.5	GRD		PRO	4I	Py	8	2.808824	2.808824	Beige Qz with brecciated grey Qz hosting blebby Py
316	1490	1690	511.4	324.2	GRD		PHC	2I	Py	2	2.557	2.731838	Advanced argillic altered GRD with weak to moderate phyllic altered overprinting hosting Py and Cl stringers
							ARG	3I	Cl	1			
333.7	1490	1780	788.7	511.1	GRD		PHC	2I	Py	5	2.719655	2.841138	Advanced argillic altered GRD with weak to moderate phyllic altered overprinting hosting Py and Cl stringers in white grey, translucent Qz
							ARG	3I					
			2001.6										2 kg calibration
340.46	1490	1720	606.7	382.2	GRD		PHC	2I	Py	1	2.637826	2.70245	Advanced argillic altered GRD with weak to moderate phyllic altered overprinting hosting one Py.
							ARG	3I					
357.9	1490	1760	704.4	437.7	GRD		PHC	2I	Py	1	2.608889	2.64117	Advanced argillic altered GRD with weak to moderate phyllic altered overprinting hosting one Py.
							ARG	3I					

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
381.2	1470	1750	809.2	533.5	GRD		PHC	4I	Py	15	2.89	2.935074	Dark grey, sulphide rich siliceous breccia
400.1	1470	1870	981.5	505	GRD		PHC	3I	Py	3	2.45375	2.059811	Strong phyllic altered GRD with grey, translucent Qz with blebby Py
404.35	1470	1690	620.5	394.8	GRD		PHC	3I	Py	1	2.820455	2.749225	Phyllic altered GRD hosting disseminated Py
421	1470	1690	583.5	394.2	FEL		CLY	3I			2.652273	3.082409	Clay altered FEL PO
431.1	1460	1678	691.6	482.1	GRD		PHC	4I	Py	15	3.172477	3.301193	Smoky Qz veining with blebby to massive Py with a phyllic altered GRD
					VEN								
460.2	1460	1610	468.7	327.4	GRD		PHC	4I	Py	55	3.124667	3.317056	Top 5cm is banded: dark grey/black Qz-sulphide breccia with white Ch vein hosting blebby Py. Remainder is massive Py
					VEN								
480.67	1460	1660	507.9	315.6	GRD		PHC	2I	Py	<1	2.5395	2.641186	Advanced argillic altered GRD with phyllic overprinting
							ARG	3I					
													EOH

KLAZA

Hole: KL-DDH-12-128 **Date: September 6, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
1.23	6.00	4.77	0.60	12.6	M358846	128-1				OVB, low recovery
6.00	8.23	2.23	0.62	27.8	M358847	128-1				OVB, low recovery
8.23	11.27	3.04	2.50	82.2	M358848	128-1				Gouge
11.27	14.33	3.06	2.10	68.6	M358849	128-1				gouge
14.33	17.55	3.22	1.44	44.7	M358850	128-1				very broken, low recovery
17.55	18.80	1.25	0.93	74.4	M358851	128-1				very broken, low recovery
18.80	19.80	1.00	0.60	60	M358852	128-1				very broken, low recovery
19.80	22.20	2.40	1.60	66.7	M358853	128-1				very broken, low recovery
22.20	23.47	1.27	1.12	88.2	M358854	128-1				very broken, low recovery
					M358855	128-1				KL-STD-3
23.47	25.10	1.63	1.60	98.2	M358856	128-1				
25.10	27.00	1.90	1.20	63.2	M358857	128-1				very broken
27.00	29.00	2.00	1.40	70	M358858	128-1				very broken
29.00	31.68	2.68	2.24	83.6	M358859	128-1				very broken
31.68	34.04	2.36	1.80	76.3	M358860	128-1				
34.04	36.32	2.28	2.10	92.1	M358861	128-1				
					M358862	128-1				1/4 Duplicate
36.32	38.71	2.39	2.39	100	M358863	128-1				
38.71	40.95	2.24	2.24	100	M358864	128-1				
40.95	42.40	1.45	1.42	97.9	M358865	128-1				
					M358866	128-1				KL-STD-3
42.40	44.90	2.50	2.50	100	M358867	128-1				
44.90	46.25	1.35	1.19	88.1	M358868	128-1				
46.25	48.25	2.00	1.93	96.5	M358869	128-1				
48.25	50.40	2.15	2.10	97.7	M358870	128-1				
50.40	52.22	1.82	1.63	89.6	M358871	128-1				
52.22	53.77	1.55	1.51	97.4	M358872	128-1				
53.77	55.57	1.80	1.80	100	M358873	128-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M358874	128-1				BLANK
55.57	57.75	2.18	2.15	98.6	M358875	128-1				
57.75	60.05	2.30	2.30	100	M358876	128-1				
					M358877	128-1				COARSE REJECT DUPLICATE
60.05	61.05	1.00	1.00	100	M358878	128-1				
61.05	63.25	2.20	0.95	43.2	M358879	128-1				faulted, lost core
					M358880	128-1				BLANK
63.25	65.00	1.75	1.60	91.4	M358881	128-1				
					M358882	128-2				KL-STD-2
65.00	67.72	2.72	2.72	100	M358883	128-2				
67.72	69.17	1.45	1.45	100	M358884	128-2				
69.17	71.60	2.43	2.43	100	M358885	128-2				
71.60	72.60	1.00	1.00	100	M358886	128-2				vein-broken, lost core
					M358887	128-2				BLANK
72.60	74.45	1.85	1.85	100	M358888	128-2				
74.45	76.00	1.55	1.55	100	M358889	128-2				
76.00	77.60	1.60	1.60	100	M358890	128-2				
77.60	78.60	1.00	1.00	100	M358891	128-2				
					M358892	128-2				BLANK
78.60	80.20	1.60	1.60	100	M358893	128-2				
80.20	83.20	3.00	3.00	100	M358894	128-2				
83.20	85.00	1.80	1.80	100	M358895	128-2				
85.00	87.48	2.48	2.48	100	M358896	128-2				
87.48	90.30	2.82	2.82	100	M358897	128-2				
90.30	92.00	1.70	1.70	100	M358898	128-2				
92.00	94.64	2.64	2.64	100	M358899	128-2				
					M358900	128-2				COARSE REJECT DUPLICATE
94.64	96.32	1.68	1.68	100	M358901	128-2				
96.32	98.15	1.83	1.83	100	M358902	128-2				
98.15	99.15	1.00	1.00	100	M358903	128-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
99.15	101.15	2.00	2.00	100	M358904	128-2				
101.15	102.52	1.37	1.37	100	M358905	128-2				
102.52	103.62	1.10	1.10	100	M358906	128-2				
103.62	106.55	2.93	2.93	100	M358907	128-2				
106.55	108.10	1.55	1.55	100	M358908	128-2				
					M358909	128-2				KL-STD-3
108.10	109.72	1.62	1.62	100	M358910	128-2				
109.72	110.72	1.00	1.00	100	M358911	128-2				
110.72	113.58	2.86	2.86	100	M358912	128-2				
113.58	114.68	1.10	1.10	100	M358913	128-2				
114.68	116.60	1.92	1.92	100	M358914	128-2				1/4 DUPLICATE
					M358915	128-2				
116.60	119.82	3.22	3.12	96.9	M358916	128-2				broken, lost core
119.82	121.48	1.66	1.66	100	M358917	128-2				
121.48	124.25	2.77	2.10	75.8	M358918	128-3				low recovery, lost core
124.25	127.10	2.85	2.73	95.8	M358919	128-3				
127.10	129.75	2.65	2.62	98.9	M358920	128-3				
					M358921	128-3				COARSE REJECT DUPLICATE
129.75	130.85	1.10	1.10	100	M358922	128-3				
130.85	133.62	2.77	2.75	99.3	M358923	128-3				
133.62	134.82	1.20	1.14	95	M358924	128-3				
134.82	137.30	2.48	2.44	98.4	M358925	128-3				
137.30	139.42	2.12	1.99	93.9	M358926	128-3				
					M358927	128-3				KL-STD-2
139.42	140.94	1.52	1.52	100	M358928	128-3				
140.94	142.75	1.81	1.81	100	M358929	128-3				
142.75	143.85	1.10	1.10	100	M358930	128-3				
143.85	145.30	1.45	1.40	96.6	M358931	128-3				
145.30	146.30	1.00	1.00	100	M358932	128-3				
					M358933	128-3				BLANK
146.30	148.93	2.63	2.62	99.6	M358934	128-3				
148.93	149.93	1.00	1.00	100	M358935	128-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
149.93	153.00	3.07	3.04	99	M358936	128-3				
153.00	156.07	3.07	3.07	100	M358937	128-3				
					M358938	128-3				KL-STD-1
156.07	157.58	1.51	1.42	94	M358939	128-3				
157.58	159.74	2.16	2.16	100	M358940	128-3				
					M358941	128-3				1/4 DUPLICATE
159.74	160.74	1.00	1.00	100	M358942	128-3				
160.74	162.15	1.41	1.41	100	M358943	128-3				
					M358944	128-3				BLANK
162.15	163.80	1.65	1.52	92.1	M358945	128-3				
163.80	164.80	1.00	1.00	100	M358946	128-3				
164.80	166.72	1.92	1.85	96.4	M358947	128-3				
166.72	168.72	2.00	2.00	100	M358948	128-3				
168.72	171.48	2.76	2.76	100	M358949	128-3				
171.48	172.75	1.27	1.20	94.5	M358950	128-3				
172.75	174.15	1.40	1.40	100	M358951	128-3				
174.15	176.65	2.50	2.50	100	M358952	128-3				
176.65	179.60	2.95	2.89	98	M358953	128-3				
179.60	182.70	3.10	3.00	96.8	M358954	128-4				
182.70	183.70	1.00	0.98	98	M358955	128-4				
183.70	186.85	3.15	3.00	95.2	M358956	128-4				
186.85	188.00	1.15	1.05	91.3	M358957	128-4				
					M358958	128-4				BLANK
188.00	190.66	2.66	2.66	100	M358959	128-4				
190.66	192.16	1.50	1.50	100	M358960	128-4				
192.16	195.34	3.18	3.15	99.1	M358961	128-4				
195.34	197.62	2.28	2.22	97.4	M358962	128-4				
197.62	198.62	1.00	1.00	100	M358963	128-4				
198.62	200.71	2.09	2.08	99.5	M358964	128-4				
					M358965	128-4				COARSE REJECT DUPLICATE
200.71	201.87	1.16	1.16	100	M358966	128-4				
201.87	203.56	1.69	1.62	95.9	M358967	128-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
203.56	206.09	2.53	2.50	98.8	M358968	128-4				
206.09	207.50	1.41	1.41	100	M358969	128-4				
					M358970	128-4				1/4 DUPLICATE
207.50	208.50	1.00	1.00	100	M358971	128-4				
208.50	211.60	3.10	3.02	97.4	M358972	128-4				
211.60	214.55	2.95	2.90	98.3	M358973	128-4				
214.55	217.46	2.91	2.87	98.6	M358974	128-4				
					M358975	128-4				KL-STD-3
217.46	220.36	2.90	2.90	100	M358976	128-4				
220.36	223.30	2.94	2.93	99.7	M358977	128-4				
223.30	226.23	2.93	2.93	100	M358978	128-4				
226.23	228.09	1.86	1.81	97.3	M358979	128-4				
228.09	229.56	1.47	1.40	95.2	M358980	128-4				
					M358981	128-4				BLANK
229.56	230.80	1.24	1.24	100	M358982	128-4				
230.80	233.78	2.98	2.98	100	M358983	128-4				
233.78	236.83	3.05	3.05	100	M358984	128-4				
					M358985	128-4				KL-STD-3
236.83	239.88	3.05	2.89	94.8	M358986	128-4				
239.88	242.46	2.58	2.52	97.7	M358987	128-4				
242.46	244.36	1.90	1.90	100	M358988	128-4				
244.36	246.44	2.08	2.08	100	M358989	128-4				
246.44	247.44	1.00	1	100	M358990	128-5				
247.44	248.90	1.46	1.46	100	M358991	128-5				
					M358992	128-5				BLANK
248.90	252.07	3.17	3.10	97.8	M358993	128-5				
252.07	255.08	3.01	2.97	98.7	M358994	128-5				
255.08	256.08	1.00	1.00	100	M358995	128-5				
256.08	258.44	2.36	2.33	98.7	M358996	128-5				
258.44	261.21	2.77	2.72	98.2	M358997	128-5				
					M358998	128-5				KL-STD-3
261.21	264.26	3.05	3.05	100	M358999	128-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
264.26	267.31	3.05	3.05	100	M359000	128-5				
267.31	270.36	3.05	3.02	99	M354301	128-5				
270.36	272.45	2.09	2.09	100	M354302	128-5				
272.45	274.62	2.17	2.17	100	M354303	128-5				
274.62	276.45	1.83	1.83	100	M354304	128-5				
276.45	279.50	3.05	3.05	100	M354305	128-5				
					M354306	128-5				COARSE REJECT DUPLICATE
279.50	281.20	1.70	1.68	98.8	M354307	128-5				
281.20	282.90	1.70	1.72	101	M354308	128-5				
					M354309	128-5				1/4 DUPLICATE
282.90	283.98	1.08	1.08	100	M354310	128-5				
283.98	285.78	1.80	1.7	94.4	M354311	128-5				
285.78	288.51	2.73	2.73	100	M354312	128-5				
					M354313	128-5				KL-STD-3
288.51	291.41	2.90	2.9	100	M354314	128-5				
291.41	293.53	2.12	2.02	95.3	M354315	128-5				
293.53	294.74	1.21	1.21	100	M354316	128-5				
294.74	295.74	1.00	1	100	M354317	128-5				
295.74	296.74	1.00	1	100	M354318	128-5				
					M354319	128-5				BLANK
296.74	298.74	2.00	2	100	M354320	128-5				
298.74	300.84	2.10	2.1	100	M354321	128-5				
300.84	303.89	3.05	3.05	100	M354322	128-5				
303.89	305.77	1.88	1.84	97.9	M354323	128-5				
305.77	306.77	1.00	1	100	M354324	128-5				
306.77	309.98	3.21	3.21	100	M354325	128-5				
309.98	311.95	1.97	1.97	100	M354326	128-6				
311.95	313.96	2.01	2.01	100	M354327	128-6				
313.96	316.70	2.74	2.74	100	M354328	128-6				
316.70	318.15	1.45	1.44	99.3	M354329	128-6				
					M354330	128-6				KL-STD-3
318.15	321.00	2.85	2.85	100	M354331	128-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
321.00	322.47	1.47	1.47	100	M354332	128-6				
322.47	323.47	1.00	1	100	M354333	128-6				
323.47	324.78	1.31	1.31	100	M354334	128-6				
					M354335	128-6				1/4 DUPLICATE
324.78	327.91	3.13	3.13	100	M354336	128-6				
327.91	329.44	1.53	1.53	100	M354337	128-6				
329.44	330.61	1.17	1.07	91.5	M354338	128-6				
					M354339	128-6				BLANK
330.61	332.10	1.49	1.49	100	M354340	128-6				
332.10	333.73	1.63	1.63	100	M354341	128-6				
333.73	336.73	3.00	3	100	M354342	128-6				
336.73	339.51	2.78	2.78	100	M354343	128-6				
339.51	342.62	3.11	3	96.5	M354344	128-6				
					M354345	128-6				COARSE REJECT DUPLICATE
342.62	345.45	2.83	2.83	100	M354346	128-6				
345.45	348.38	2.93	2.93	100	M354347	128-6				
348.38	351.42	3.04	3.04	100	M354348	128-6				
351.42	354.47	3.05	3	98.4	M354349	128-6				
354.47	356.74	2.27	2.27	100	M354350	128-6				
					M354351	128-6				KL-STD-3
356.74	359.74	3.00	3	100	M354352	128-6				
359.74	362.70	2.96	2.88	97.3	M354353	128-6				
362.70	365.10	2.40	2.39	99.6	M354354	128-6				
365.10	367.16	2.06	2.06	100	M354355	128-6				
367.16	368.83	1.67	1.66	99.4	M354356	128-6				
368.83	371.62	2.79	2.79	100	M354357	128-6				
371.62	372.82	1.20	1.2	100	M354358	128-6				
					M354359	128-6				BLANK
372.82	374.30	1.48	1.42	95.9	M354360	128-6				
374.30	377.30	3.00	3	100	M354361	128-6				
377.30	379.00	1.70	1.7	100	M354362	128-7				
379.00	381.05	2.05	1.97	96.1	M354363	128-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
381.05	382.22	1.17	1.17	100	M354364	128-7				
					M354365					BLANK
382.22	383.52	1.30	1.3	100	M354366	128-7				
383.52	384.52	1.00	1	100	M354367	128-7				
384.52	387.64	3.12	3.1	99.4	M354368	128-7				
387.64	390.50	2.86	2.88	101	M354369	128-7				
					M354370					COARSE REJECT DUPLICATE
390.50	393.27	2.77	2.75	99.3	M354371	128-7				
393.27	396.30	3.03	2.99	98.7	M354372	128-7				
396.30	399.15	2.85	2.83	99.3	M354373	128-7				
399.15	400.15	1.00	1	100	M354374	128-7				
400.15	403.20	3.05	3	98.4	M354375	128-7				
					M354376					KL-STD-2
403.20	406.20	3.00	3	100	M354377	128-7				
406.20	409.20	3.00	2.91	97	M354378	128-7				
409.20	411.80	2.60	2.57	98.8	M354379	128-7				
411.80	414.62	2.82	2.7	95.7	M354380	128-7				
414.62	417.42	2.80	2.5	89.3	M354381	128-7				
417.42	419.62	2.20	2.15	97.7	M354382	128-7				
419.62	422.92	3.30	2.5	75.8	M354383	128-7				very broken
					M354384					KL-STD-2
422.92	425.81	2.89	2.87	99.3	M354385	128-7				
425.81	428.85	3.04	3.04	100	M354386	128-7				
428.85	430.86	2.01	1.88	93.5	M354387	128-7				
430.86	431.96	1.10	1.09	99.1	M354388	128-7				
					M354389					BLANK
431.96	434.58	2.62	2.62	100	M354390	128-7				
434.58	435.58	1.00	1	100	M354391	128-7				
435.58	438.00	2.42	2.42	100	M354392	128-7				
					M354393					1/4 DUPLICATE
438.00	441.05	3.05	2.96	97	M354394	128-7				
441.05	444.09	3.04	3.02	99.3	M354395	128-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
444.09	447.14	3.05	3.05	100	M354396	128-7				
447.14	450.19	3.05	3.03	99.3	M354397	128-7				
450.19	453.24	3.05	3.04	99.7	M354398	128-8				
453.24	455.87	2.63	2.63	100	M354399	128-8				
					M354400	128-8				KL-STD-2
455.87	456.87	1.00	0.98	98	M354401	128-8				
456.87	458.64	1.77	1.72	97.2	M354402	128-8				
458.64	460.00	1.36	1.36	100	M354403	128-8				
460.00	461.00	1.00	0.96	96	M354404	128-8				
					M354405	128-8				BLANK
461.00	462.38	1.38	1	72.5	M354406	128-8				
462.38	465.43	3.05	2.3	75.4	M354407	128-8				very broken core
465.43	468.48	3.05	2.75	90.2	M354408	128-8				
					M354409	128-8				COARSE REJECT DUPLICATE
468.48	471.53	3.05	3.03	99.3	M354410	128-8				
471.53	474.57	3.04	3.05	100	M354411	128-8				
474.57	477.25	2.68	2.68	100	M354412	128-8				
477.25	478.25	1.00	0.99	99	M354413	128-8				
					M354414	128-8				BLANK
478.25	480.67	2.42	2.42	100	M354415	128-8				
480.67	483.72	3.05	3.02	99	M354416	128-8				
483.72	486.77	3.05	3.05	100	M354417	128-8				EOH

KLAZA

Hole: KL-DDH-12-128 **Tech Name:** **Date: September 6, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
1.25	1.52	0.27	0.18	67	0.00	0		2	0	2	
1.52	3.05	1.53	0.22	14	0.00	0		1	0	3	
3.05	6.10	3.05	0.39	13	0.00	0		1	0	3	
6.10	8.23	2.13	0.65	31	0.00	0		1	0	3	
8.23	11.27	3.04	2.42	80	0.00	0		1	0	3	
11.27	14.33	3.06	1.60	52	0.00	0		1	0	3	
14.33	17.37	3.04	1.97	65	0.00	0		2	2	2	
17.37	20.42	3.05	2.29	75	0.00	0		2	2	2	
20.42	23.47	3.05	2.52	83	0.22	7		2	2	2	
23.47	26.52	3.05	2.59	85	0.00	0		2	2	2	
26.52	29.57	3.05	2.90	95	0.10	3		2	2	2	
29.57	32.61	3.04	2.58	85	1.15	38		2	1	2	
32.61	35.66	3.05	2.93	96	1.08	35		2	1	2	
35.66	38.71	3.05	2.90	95	1.50	49		1	1	3	
38.71	41.76	3.05	3.05	100	1.15	38		2	3	1	
41.76	44.81	3.05	2.83	93	0.99	32		1	2	2	
44.81	47.85	3.04	2.92	96	1.11	37		2	2	2	
47.85	50.90	3.05	2.87	94	2.60	85		2	2	1	
50.90	53.95	3.05	2.94	96	1.59	52		2	3	1	
53.95	57.00	3.05	3.01	99	2.65	87		2	4	1	
57.00	60.05	3.05	3.05	100	2.90	95		2	3	1	
60.05	63.09	3.04	1.67	55	2.43	80		1	1	3	
63.09	66.14	3.05	2.82	92	0.70	23		1	1	4	
66.14	69.19	3.05	2.91	95	1.95	64		2	3	2	
69.19	72.24	3.05	2.89	95	1.63	53		1	1	3	
72.24	75.29	3.05	2.85	93	0.89	29		2	2	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
75.29	78.33	3.04	3.00	99	2.00	66		2	1	2	
78.33	81.38	3.05	2.70	89	0.62	20		1	1	4	
81.38	84.43	3.05	2.98	98	1.85	61		2	2	3	
84.43	87.48	3.05	2.56	84	1.57	51		1	2	4	
87.48	90.53	3.05	2.80	92	1.34	44		2	2	2	
90.53	93.57	3.04	2.95	97	0.75	25		2	3	2	
93.57	96.62	3.05	3.00	98	2.48	81		2	3	2	
96.62	99.67	3.05	2.90	95	1.72	56		2	2	2	
99.67	102.72	3.05	3.04	100	2.55	84		2	3	2	
102.72	105.77	3.05	3.02	99	1.75	57		2	3	3	
105.77	108.81	3.04	3.00	99	3.00	99		2	3	1	
108.81	111.86	3.05	3.02	99	1.52	50		1	2	3	
111.86	114.91	3.05	2.90	95	1.40	46		2	1	2	
114.91	117.96	3.05	2.71	89	1.44	47		1	2	2	
117.96	121.00	3.04	2.55	84	1.20	39		2	2	2	
121.00	124.05	3.05	2.60	85	0.50	16		2	1	2	
124.05	127.10	3.05	2.92	96	1.43	47		2	2	1	
127.10	130.15	3.05	3.00	98	2.43	80		1	1	4	
130.15	133.20	3.05	2.92	96	2.31	76		2	3	1	
133.20	136.25	3.05	3.05	100	2.95	97		2	3	1	
136.25	139.30	3.05	2.89	95	2.60	85		2	3	1	
139.30	142.34	3.04	3.05	100	2.50	82		2	3	1	
142.34	145.39	3.05	2.97	97	2.97	97		2	3	1	
145.39	149.44	4.05	3.00	74	2.81	69		2	3	1	
149.44	151.49	2.05	3.00	146	2.55	124		2	3	1	
151.49	154.53	3.04	3.02	99	2.20	72		2	3	1	
154.53	157.58	3.05	3.00	98	2.20	72		2	3	1	
157.58	160.63	3.05	3.05	100	2.67	88		2	3	1	
160.63	163.68	3.05	2.90	95	0.67	22		2	2	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
163.68	166.73	3.05	2.90	95	2.50	82		2	2	2	
166.73	169.77	3.04	3.05	100	2.65	87		2	4	1	
169.77	172.82	3.05	3.00	98	2.71	89		2	3	1	
172.82	175.87	3.05	2.95	97	2.50	82		2	3	1	
175.87	178.92	3.05	2.87	94	1.98	65		2	2	1	
178.92	181.97	3.05	2.86	94	2.00	66		2	3	1	
181.97	185.01	3.04	2.90	95	1.96	64		2	3	1	
185.01	188.06	3.05	2.90	95	2.04	67		2	3	1	
188.06	191.11	3.05	3.00	98	1.95	64		2	2	1	
191.11	194.16	3.05	2.95	97	2.84	93		2	3	1	
194.16	197.21	3.05	2.94	96	0.70	23		2	1	1	
197.21	200.25	3.04	2.95	97	1.60	53		2	1	1	
200.25	203.30	3.05	2.92	96	2.56	84		2	3	1	
203.30	206.35	3.05	2.84	93	1.73	57		2	3	1	
206.35	209.40	3.05	3.04	100	2.52	83		2	3	1	
209.40	212.45	3.05	2.94	96	1.71	56		2	1	1	
212.45	215.49	3.04	2.98	98	2.64	87		2	3	1	
215.49	218.54	3.05	2.97	97	2.76	90		2	3	1	
218.54	221.59	3.05	2.86	94	2.35	77		2	3	1	
221.59	224.64	3.05	3.04	100	2.87	94		2	3	1	
224.64	227.69	3.05	3.05	100	2.63	86		2	3	1	
227.69	230.73	3.04	2.96	97	2.83	93		2	3	1	
230.73	233.78	3.05	3.05	100	2.95	97		2	4	1	
233.78	236.83	3.05	3.05	100	2.63	86		2	3	1	
236.83	239.88	3.05	3.01	99	2.91	95		2	3	1	
239.88	242.93	3.05	3.00	98	3.00	98		2	3	1	
242.93	245.97	3.04	3.00	99	2.86	94		2	3	1	
245.97	249.02	3.05	3.02	99	2.62	86		2	3	1	
249.02	252.07	3.05	3.00	98	2.52	83		2	3	1	
252.07	255.11	3.04	2.86	94	2.09	69		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
255.11	258.17	3.06	3.05	100	2.49	81		2	3	1	
258.17	261.21	3.04	2.95	97	2.87	94		2	3	1	
261.21	264.26	3.05	3.05	100	2.73	90		2	3	1	
264.26	267.31	3.05	3.05	100	2.95	97		2	3	1	
267.31	270.36	3.05	2.95	97	2.87	94		2	3	1	
270.36	273.41	3.05	3.04	100	2.81	92		2	3	1	
273.41	276.45	3.04	3.05	100	2.20	72		2	3	1	
276.45	279.50	3.05	3.05	100	2.09	69		2	3	1	
279.50	282.55	3.05	3.05	100	2.70	89		2	3	1	
282.55	285.60	3.05	3.02	99	2.98	98		2	3	1	
285.60	288.65	3.05	3.05	100	2.80	92		2	3	1	
288.65	291.70	3.05	3.00	98	2.95	97		2	3	1	
291.70	294.74	3.04	3.01	99	2.55	84		2	3	1	
294.74	297.79	3.05	2.84	93	2.11	69		2	3	1	
297.79	300.84	3.05	2.90	95	2.80	92		2	3	1	
300.84	303.89	3.05	3.03	99	2.73	90		2	3	1	
303.89	306.93	3.04	3.01	99	2.80	92		2	3	1	
306.93	309.98	3.05	3.05	100	2.90	95		2	3	1	
309.98	313.03	3.05	3.02	99	2.85	93		2	2	1	
313.03	316.08	3.05	3.04	100	3.04	100		2	3	1	
316.08	319.13	3.05	3.02	99	2.90	95		2	3	1	
319.13	322.17	3.04	3.05	100	2.55	84		2	3	1	
322.17	325.22	3.05	3.02	99	2.54	83		2	3	1	
325.22	328.27	3.05	2.94	96	2.86	94		2	3	1	
328.27	331.32	3.05	3.00	98	1.90	62		2	1	1	
331.32	334.37	3.05	2.95	97	2.12	70		2	2	1	
334.37	337.41	3.04	3.05	100	2.66	87		2	2	1	
337.41	340.46	3.05	2.90	95	2.61	86		2	3	1	
340.46	343.51	3.05	3.05	100	2.10	69		2	3	1	
343.51	346.56	3.05	2.98	98	2.79	91		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
346.56	349.61	3.05	2.95	97	2.56	84		2	3	1	
349.61	352.66	3.05	3.05	100	2.70	89		2	3	1	
352.66	355.70	3.04	3.01	99	2.70	89		2	3	1	
355.70	358.75	3.05	3.02	99	2.80	92		2	2	1	
358.75	361.80	3.05	3.00	98	2.96	97		2	3	1	
361.80	364.85	3.05	3.00	98	2.69	88		2	3	1	
364.85	367.89	3.04	3.05	100	2.70	89		2	3	1	
367.89	370.94	3.05	2.96	97	2.86	94		2	3	1	
370.94	373.99	3.05	2.96	97	1.94	64		2	3	1	
373.99	377.04	3.05	2.85	93	2.96	97		2	2	1	
377.04	380.09	3.05	3.05	100	2.66	87		2	3	1	
380.09	383.13	3.04	2.95	97	2.67	88		2	3	1	
383.13	386.81	3.68	2.90	79	2.60	71		2	3	1	
386.81	389.25	2.44	3.05	125	1.02	42		2	3	1	
389.25	392.28	3.03	3.05	101	2.76	91		2	3	1	
392.28	395.33	3.05	2.92	96	2.82	92		2	3	1	
395.33	398.37	3.04	3.00	99	2.55	84		2	3	1	
398.37	401.42	3.05	2.89	95	1.98	65		2	3	1	
401.42	404.47	3.05	2.98	98	2.60	85		2	3	1	
404.47	407.52	3.05	2.94	96	2.94	96		2	3	1	
407.52	410.57	3.05	2.90	95	2.76	90		2	3	1	
410.57	413.61	3.04	3.00	99	2.55	84		2	2	1	
413.61	416.66	3.05	2.54	83	1.00	33		2	2	2	
416.66	419.71	3.05	3.01	99	1.30	43		2	2	1	
419.71	422.76	3.05	2.57	84	0.60	20		2	1	1	
422.76	425.81	3.05	2.60	85	2.45	80		2	2	1	
425.81	428.85	3.04	2.92	96	2.12	70		2	3	1	
428.85	431.90	3.05	2.85	93	2.20	72		2	3	1	
431.90	434.95	3.05	2.96	97	1.35	44		2	3	1	
434.95	438.00	3.05	3.05	100	2.80	92		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
438.00	441.05	3.05	2.84	93	2.30	75		2	3	1	
441.05	444.09	3.04	3.00	99	1.70	56		2	3	1	
444.09	447.14	3.05	3.05	100	2.20	72		2	3	1	
447.14	450.19	3.05	3.02	99	2.85	93		2	3	1	
450.19	453.24	3.05	3.00	98	2.60	85		2	3	1	
453.24	456.29	3.05	2.95	97	2.10	69		2	3	1	
456.29	459.33	3.04	2.90	95	2.01	66		2	3	1	
459.33	462.38	3.05	2.95	97	0.25	8		2	1	1	
462.38	465.43	3.05	2.60	85	0.34	11		2	1	3	
465.43	468.48	3.05	2.80	92	0.52	17		2	1	1	
468.48	471.53	3.05	2.65	87	1.52	50		2	2	1	
471.53	474.57	3.04	3.00	99	2.35	77		2	3	1	
474.57	477.62	3.05	3.00	98	3.83	126		2	3	1	
477.62	480.67	3.05	3.00	98	2.67	88		2	3	1	
480.67	483.72	3.05	3.02	99	2.90	95		2	3	1	
483.72	486.77	3.05	3.00	98	3.00	98		2	3	1	
	EOH @ 486.77m										

KLAZA

Hole: KL-DDH-12-128 **Tech Name:** **Date: Se** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
1.25	1.52	0.27	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
1.52	3.05	1.53	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
3.05	6.10	3.05	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
6.10	8.23	2.13	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
8.23	11.27	3.04	0.00	0.00	200.00	0.00	0.00	0.00	GOUGE RUN
11.27	14.33	3.06	0.00	0.00	160.00	0.00	0.00	0.00	GOUGE RUN
14.33	17.37	3.04	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
17.37	20.42	3.05	0.00	0.00	0.00	0.00	0.00	0.00	RUBBLE
20.42	23.47	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
23.47	26.52	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
26.52	29.57	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
29.57	32.61	3.04	60.00	0.65	0.00	3.00	2.00	3.00	
32.61	35.66	3.05	60.00	0.97	0.00	2.00	2.00	2.00	
35.66	38.71	3.05	75.00	0.52	0.00	2.00	2.00	2.00	
38.71	41.76	3.05	60.00	0.45	0.00	1.00	2.00	1.00	
41.76	44.81	3.05	60.00	0.80	0.00	3.00	2.00	2.00	
44.81	47.85	3.04	65.00	0.84	0.00	3.00	2.00	1.00	
47.85	50.90	3.05	75.00	1.35	0.00	2.00	2.00	1.00	
50.90	53.95	3.05	0.00	0.00	0.00	0.00	0.00		
53.95	57.00	3.05	60.00	0.78	0.00	2.00	2.00	1.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
60.05	63.09	3.04	0.00	0.00	100.00	0.00	0.00	0.00	
63.09	66.14	3.05	70.00	0.31	0.00	1.00	2.00	1.00	
66.14	69.19	3.05	45.00	0.52	0.00	3.00	2.00	2.00	
69.19	72.24	3.05	60.00	0.40	0.00	2.00	2.00	2.00	
72.24	75.29	3.05	0.00	0.00	0.00	0.00	0.00		
75.29	78.33	3.04	65.00	0.60	0.00	3.00	2.00	1.00	

KLAZA

78.33	81.38	3.05	0.00	0.00	50.00	0.00	0.00	0.00	
81.38	84.43	3.05	60.00	0.75	0.00	2.00	2.00	2.00	
84.43	87.48	3.05	60.00	0.45	0.00	2.00	2.00	1.00	
87.48	90.53	3.05	55.00	0.81	0.00	2.00	2.00	2.00	
90.53	93.57	3.04	55.00	0.31	0.00	2.00	2.00	2.00	
93.57	96.62	3.05	60.00	0.56	0.00	3.00	1.00	2.00	
96.62	99.67	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
99.67	102.72	3.05	70.00	0.82	0.00	2.00	1.00	2.00	
102.72	105.77	3.05	70.00	0.53	3.00	1.00	2.00	1.00	
105.77	108.81	3.04	70.00	2.50	0.00	1.00	2.00	1.00	
108.81	111.86	3.05	0.00	0.00	30.00	0.00	0.00	0.00	
111.86	114.91	3.05	60.00	0.95	0.00	2.00	2.00	1.00	
114.91	117.96	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
117.96	121.00	3.04	0.00	0.00	0.00	0.00	0.00		
121.00	124.05	3.05	0.00	0.00	0.00	0.00	0.00		
124.05	127.10	3.05	70.00	0.50	0.00	2.00	2.00	1.00	
127.10	130.15	3.05	60.00	1.33	20.00	3.00	2.00	4.00	
130.15	133.20	3.05	50.00	0.41	0.00	3.00	2.00	1.00	
133.20	136.25	3.05	70.00	0.64	0.00	2.00	2.00	1.00	
136.25	139.30	3.05	65.00	0.68	0.00	2.00	2.00	1.00	
139.30	142.34	3.04	0.00	0.00	0.00	0.00	0.00	1.00	
142.34	145.39	3.05	0.00	0.00	0.00	0.00	0.00	1.00	
145.39	149.44	4.05	55.00	0.54	0.00	1.00	2.00	1.00	
149.44	151.49	2.05	0.00	0.00	0.00	0.00	0.00	1.00	
151.49	154.53	3.04	80.00	0.62	0.00	1.00	2.00	1.00	
154.53	157.58	3.05	70.00	0.72	0.00	1.00	2.00	1.00	
157.58	160.63	3.05	60.00	1.07	0.00	1.00	2.00	1.00	
160.63	163.68	3.05	55.00	0.55	0.00	3.00	3.00	1.00	
163.68	166.73	3.05	45.00	0.20	0.00	3.00	2.00	2.00	
166.73	169.77	3.04	60.00	0.30	0.00	2.00	2.00	1.00	
169.77	172.82	3.05	60.00	0.46	0.00	2.00	3.00	1.00	
172.82	175.87	3.05	0.00	0.00	0.00	0.00	0.00		
175.87	178.92	3.05	65.00	0.55	0.00	2.00	2.00	1.00	
178.92	181.97	3.05	60.00	0.44	0.00	3.00	2.00	1.00	
181.97	185.01	3.04	60.00	0.42	0.00	2.00	2.00	1.00	
185.01	188.06	3.05	0.00	0.00	0.00	0.00	0.00		
188.06	191.11	3.05	60.00	0.40	0.00	2.00	2.00	1.00	

KLAZA

191.11	194.16	3.05	45.00	0.80	0.00	3.00	2.00	1.00	
194.16	197.21	3.05	60.00	0.74	25.00	3.00	2.00	3.00	
197.21	200.25	3.04	60.00	0.90	0.00	2.00	2.00	1.00	
200.25	203.30	3.05	65.00	0.50	0.00	2.00	2.00	1.00	
203.30	206.35	3.05	0.00	0.00	10.00	0.00	0.00		
206.35	209.40	3.05	65.00	0.70	0.00	2.00	2.00	1.00	
209.40	212.45	3.05	60.00	0.21	0.00	1.00	2.00	1.00	
212.45	215.49	3.04	55.00	0.90	0.00	2.00	2.00	1.00	
215.49	218.54	3.05	60.00	0.32	0.00	2.00	2.00	3.00	
218.54	221.59	3.05	60.00	0.63	0.00	1.00	2.00	1.00	
221.59	224.64	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
224.64	227.69	3.05	60.00	0.62	0.00	1.00	1.00	1.00	
227.69	230.73	3.04	60.00	0.51	0.00	1.00	1.00	2.00	
230.73	233.78	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
233.78	236.83	3.05	55.00	0.42	0.00	1.00	2.00	1.00	
236.83	239.88	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
239.88	242.93	3.05	70.00	0.35	0.00	1.00	2.00	1.00	
242.93	245.97	3.04	60.00	0.35	0.00	2.00	2.00	1.00	
245.97	249.02	3.05	55.00	0.67	0.00	2.00	2.00	1.00	
249.02	252.07	3.05	60.00	1.00	0.00	1.00	2.00	1.00	
252.07	255.11	3.04	60.00	0.45	0.00	2.00	2.00	1.00	
255.11	258.17	3.06	55.00	0.45	0.00	2.00	2.00	1.00	
258.17	261.21	3.04	50.00	0.93	0.00	1.00	2.00	1.00	
261.21	264.26	3.05	75.00	2.84	0.00	1.00	1.00	1.00	
264.26	267.31	3.05	60.00	0.95	0.00	2.00	1.00	1.00	
267.31	270.36	3.05	60.00	0.31	0.00	1.00	2.00	1.00	
270.36	273.41	3.05	60.00	0.56	0.00	1.00	2.00	1.00	
273.41	276.45	3.04	60.00	0.28	0.00	2.00	2.00	1.00	
276.45	279.50	3.05	55.00	1.00	0.00	3.00	2.00	1.00	
279.50	282.55	3.05	60.00	1.15	0.00	2.00	2.00	1.00	
282.55	285.60	3.05	55.00	1.20	0.00	1.00	2.00	1.00	
285.60	288.65	3.05	0.00	0.00	0.00	0.00	0.00		
288.65	291.70	3.05	0.00	0.00	0.00	0.00	0.00		
291.70	294.74	3.04	75.00	0.95	0.00	1.00	2.00	1.00	
294.74	297.79	3.05	0.00	0.00	0.00	0.00	0.00		
297.79	300.84	3.05	0.00	0.00	0.00	0.00	0.00		
300.84	303.89	3.05	0.00	0.00	0.00	0.00	0.00	0.00	

KLAZA

303.89	306.93	3.04	55.00	0.76	0.00	1.00	2.00	1.00	
306.93	309.98	3.05	55.00	0.62	0.00	1.00	2.00	1.00	
309.98	313.03	3.05	60.00	0.25	0.00	1.00	2.00	1.00	
313.03	316.08	3.05	60.00	1.09	0.00	1.00	21.00		
316.08	319.13	3.05	0.00	0.00	0.00	0.00			
319.13	322.17	3.04	55.00	1.25	0.00	2.00	2.00	1.00	
322.17	325.22	3.05	35.00	0.86	0.00	3.00	2.00	1.00	
325.22	328.27	3.05	75.00	0.45	0.00	2.00	2.00	1.00	
328.27	331.32	3.05	60.00	0.51	0.00	2.00	2.00	1.00	
331.32	334.37	3.05	0.00	0.00	0.00	0.00	0.00		
334.37	337.41	3.04	55.00	0.91	0.00	2.00	2.00	1.00	
337.41	340.46	3.05	0.00	0.00	0.00	0.00			
340.46	343.51	3.05	60.00	0.49	0.00	2.00	2.00	1.00	
343.51	346.56	3.05	55.00	0.74	0.00	3.00	2.00	1.00	
346.56	349.61	3.05	75.00	1.10	0.00	1.00	2.00	1.00	
349.61	352.66	3.05	0.00	0.00	0.00	0.00			
352.66	355.70	3.04	0.00	0.00	0.00	0.00			
355.70	358.75	3.05	0.00	0.00	0.00	0.00			
358.75	361.80	3.05	75.00	0.54	0.00	1.00	2.00	1.00	
361.80	364.85	3.05	0.00	0.00	0.00	0.00			
364.85	367.89	3.04	75.00	0.40	0.00	3.00	2.00	1.00	
367.89	370.94	3.05	60.00	0.53	0.00	2.00	2.00	1.00	
370.94	373.99	3.05	0.00	0.00	0.00	0.00			
373.99	377.04	3.05	60.00	0.30	0.00	1.00	2.00	1.00	
377.04	380.09	3.05	60.00	0.60	0.00	1.00	2.00	1.00	
380.09	383.13	3.04	0.00	0.00	0.00	0.00	0.00		
383.13	386.81	3.68	60.00	0.20	0.00	1.00	2.00	1.00	
386.81	389.25	2.44	0.00	0.00	0.00	0.00			
389.25	392.28	3.03	75.00	0.12	0.00	1.00	2.00	1.00	
392.28	395.33	3.05	0.00	0.00	0.00	0.00			
395.33	398.37	3.04	75.00	0.84	0.00	2.00	2.00	1.00	
398.37	401.42	3.05	0.00	0.00	0.00	0.00			
401.42	404.47	3.05	65.00	0.98	0.00	2.00	2.00	1.00	
404.47	407.52	3.05	75.00	1.13	0.00	2.00	2.00	1.00	
407.52	410.57	3.05	60.00	0.83	0.00	1.00	3.00	2.00	
410.57	413.61	3.04	0.00	0.00	0.00	0.00	0.00		
413.61	416.66	3.05	0.00	0.00	0.00	0.00	0.00		

KLAZA

416.66	419.71	3.05	60.00	0.37	0.00	3.00	2.00	1.00	
419.71	422.76	3.05	0.00	0.00	0.00	0.00	0.00		
422.76	425.81	3.05	0.00	0.00	0.00	0.00	0.00		
425.81	428.85	3.04	45.00	0.62	0.00	1.00	3.00	1.00	
428.85	431.90	3.05	60.00	0.35	0.00	2.00	2.00	1.00	
431.90	434.95	3.05	0.00	0.00	0.00	0.00	0.00	1.00	
434.95	438.00	3.05	60.00	0.35	0.00	2.00	2.00	1.00	
438.00	441.05	3.05	0.00	0.00	0.00	0.00	0.00	1.00	
441.05	444.09	3.04	70.00	0.75	0.00	1.00	2.00	1.00	
444.09	447.14	3.05	0.00	0.00	0.00	0.00	0.00	1.00	
447.14	450.19	3.05	60.00	0.98	0.00	3.00	2.00	1.00	
450.19	453.24	3.05	71.00	0.55	0.00	2.00	2.00	1.00	
453.24	456.29	3.05	60.00	0.45	0.00	3.00	2.00	1.00	
456.29	459.33	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
459.33	462.38	3.05	0.00	0.00	0.00	0.00		0.00	
462.38	465.43	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
465.43	468.48	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
468.48	471.53	3.05	60.00	0.62	2.00	2.00	1.00	1.00	
471.53	474.57	3.04	75.00	0.32	0.00	2.00	2.00	1.00	
474.57	477.62	3.05	45.00	1.15	0.00	3.00	2.00	1.00	
477.62	480.67	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
480.67	483.72	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
483.72	486.77	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
		EOH @ 486.77m							

KLAZA

Hole: KL-DDH-12-128 Date: September 6, 2012

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00	12.00	
3.00	12.00	
4.00	0.16	
5.00	0.34	
6.00	0.09	
7.00	0.08	
8.00	0.10	
9.00	0.42	
10.00	0.81	
11.00	0.29	
12.00	0.21	
13.00	0.18	
14.00	0.05	
15.00	0.09	
16.00	0.05	
17.00	0.07	
18.00	0.06	
19.00	0.05	
20.00	0.01	
21.00	0.01	
22.00	0.34	
23.00	0.20	
24.00	0.16	
25.00	0.09	
26.00	0.07	
27.00	0.10	
28.00	0.12	
29.00	0.09	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.05	
31.00	0.76	
32.00	0.54	
33.00	0.27	
34.00	0.12	
35.00	0.14	
36.00	0.27	
37.00	0.12	
38.00	0.36	
39.00	0.34	
40.00	0.98	
41.00	0.18	
42.00	0.49	
43.00	0.23	
44.00	0.20	
45.00	0.14	
46.00	0.32	
47.00	0.03	
48.00	0.25	
49.00	0.10	
50.00	0.12	
51.00	0.36	
52.00	0.23	
53.00	0.10	
54.00	0.21	
55.00	0.36	
56.00	0.32	
57.00	0.23	
58.00	0.47	
59.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.19	
61.00	0.18	
62.00	0.21	
63.00	0.70	
64.00	0.10	
65.00	0.07	
66.00	0.03	
67.00	9.10	
68.00	0.16	
69.00	0.29	
70.00	0.16	
71.00	0.21	
72.00	0.07	
73.00	0.14	
74.00	0.36	
75.00	0.75	
76.00	0.45	
77.00	0.38	
78.00	0.14	
79.00	0.16	
80.00	0.20	
81.00	3.20	
82.00	2.98	
83.00	0.10	
84.00	0.10	
85.00	0.29	
86.00	0.25	
87.00	0.21	
88.00	0.12	
89.00	0.29	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.49	
91.00	1.75	
92.00	0.65	
93.00	0.12	
94.00	0.31	
95.00	0.21	
96.00	0.27	
97.00	0.31	
98.00	0.18	
99.00	0.10	
100.00	0.89	
101.00	0.71	
102.00	1.04	
103.00	0.23	
104.00	0.25	
105.00	0.21	
106.00	0.34	
107.00	0.29	
108.00	0.21	
109.00	0.23	
110.00	0.03	
111.00	0.29	
112.00	0.25	
113.00	0.91	
114.00	0.05	
115.00	0.18	
116.00	15.20	
117.00	4.99	
118.00	5.62	
119.00	6.71	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	8.20	
121.00		
122.00		
123.00		
124.00	0.21	
125.00	0.21	
126.00	0.89	
127.00	0.67	
128.00	0.25	
129.00	0.67	
130.00	0.24	
131.00	0.36	
132.00	1.00	
133.00	3.21	
134.00	0.09	
135.00	0.41	
136.00	0.28	
137.00	0.71	
138.00	0.62	
139.00	0.81	
140.00	0.21	
141.00	0.31	
142.00	0.20	
143.00	0.71	
144.00	0.62	
145.00	0.81	
146.00	0.91	
147.00	1.02	
148.00	0.22	
149.00	0.24	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.62	
151.00	0.71	
152.00	0.99	
153.00	0.10	
154.00	0.21	
155.00	0.34	
156.00	0.62	
157.00	0.21	
158.00	0.10	
159.00	0.80	
160.00	0.09	
161.00	0.21	
162.00	0.36	
163.00	0.78	
164.00	0.10	
165.00	0.81	
166.00	0.22	
167.00	0.31	
168.00	0.58	
169.00	0.69	
170.00	0.02	
171.00	0.33	
172.00	0.45	
173.00	0.62	
174.00	0.43	
175.00	0.20	
176.00	0.65	
177.00	0.09	
178.00	0.20	
179.00	5.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.42	
181.00	0.36	
182.00	0.23	
183.00	0.03	
184.00	0.34	
185.00	0.25	
186.00	0.21	
187.00	0.69	
188.00	0.21	
189.00	0.31	
190.00	0.34	
191.00	1.40	
192.00	0.10	
193.00	0.25	
194.00	0.64	
195.00	0.64	
196.00	0.34	
197.00	2.98	
198.00	0.40	
199.00	5.43	
200.00	1.48	
201.00	0.16	
202.00	0.47	
203.00	0.34	
204.00	0.89	
205.00	0.78	
206.00	0.47	
207.00	0.80	
208.00	0.56	
209.00	0.95	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	3.60	
211.00	1.28	
212.00	21.40	
213.00	0.49	
214.00	0.93	
215.00	0.93	
216.00	0.98	
217.00	22.60	
218.00	0.31	
219.00	0.32	
220.00	11.90	
221.00	2.61	
222.00	1.48	
223.00	2.30	
224.00	5.43	
225.00	16.40	
226.00	0.21	
227.00	0.18	
228.00	0.10	
229.00	0.10	
230.00	0.82	
231.00	5.89	
232.00	0.40	
233.00	0.27	
234.00	0.20	
235.00	0.47	
236.00	0.31	
237.00	1.40	
238.00	1.48	
239.00	0.25	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.23	
241.00	0.20	
242.00	0.31	
243.00	0.21	
244.00	0.09	
245.00	0.40	
246.00	0.10	
247.00	0.12	
248.00	0.13	
249.00	0.05	
250.00	0.16	
251.00	0.12	
252.00	0.21	
253.00	0.07	
254.00	0.09	
255.00	0.14	
256.00	0.25	
257.00	0.07	
258.00	0.29	
259.00	0.09	
260.00	0.14	
261.00	0.32	
262.00	0.05	
263.00	0.10	
264.00	0.78	
265.00	0.14	
266.00	0.14	
267.00	0.54	
268.00	0.54	
269.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.14	
271.00	0.23	
272.00	0.24	
273.00	0.23	
274.00	0.09	
275.00	0.14	
276.00	0.23	
277.00	0.40	
278.00	0.60	
279.00	0.71	
280.00	0.22	
281.00	0.24	
282.00	0.33	
283.00	0.61	
284.00	0.72	
285.00	0.23	
286.00	0.32	
287.00	0.14	
288.00	0.54	
289.00	0.24	
290.00	0.30	
291.00	0.92	
292.00	0.14	
293.00	0.31	
294.00	0.21	
295.00	0.05	
296.00	0.09	
297.00	0.31	
298.00	0.12	
299.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.14	
301.00	0.16	
302.00	3.12	
303.00	1.07	
304.00	0.86	
305.00	0.21	
306.00	0.07	
307.00	0.82	
308.00	0.45	
309.00	1.06	
310.00	0.31	
311.00	0.58	
312.00	0.16	
313.00	0.07	
314.00	0.07	
315.00	0.21	
316.00	0.10	
317.00	0.62	
318.00	0.25	
319.00	0.09	
320.00	0.10	
321.00	0.16	
322.00	0.20	
323.00	0.09	
324.00	0.27	
325.00	0.58	
326.00	0.61	
327.00	0.07	
328.00	0.27	
329.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.16	
331.00	0.10	
332.00	0.36	
333.00	0.20	
334.00	0.16	
335.00	0.16	
336.00	0.07	
337.00	0.09	
338.00	0.43	
339.00	0.03	
340.00	0.12	
341.00	0.07	
342.00	0.10	
343.00	0.14	
344.00	0.01	
345.00	0.02	
346.00	0.14	
347.00	0.20	
348.00	0.16	
349.00	0.07	
350.00	0.10	
351.00	0.20	
352.00	0.12	
353.00	0.27	
354.00	0.10	
355.00	0.10	
356.00	0.14	
357.00	0.03	
358.00	0.27	
359.00	0.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.03	
361.00	0.16	
362.00	0.01	
363.00	0.89	
364.00	0.12	
365.00	0.36	
366.00	0.05	
367.00	0.01	
368.00	0.45	
369.00	0.20	
370.00	0.03	
371.00	0.60	
372.00	0.03	
373.00	0.04	
374.00	0.14	
375.00	0.03	
376.00	0.07	
377.00	0.16	
378.00	0.07	
379.00	0.03	
380.00	342.00	
381.00	0.01	
382.00	0.10	
383.00	0.09	
384.00	0.09	
385.00	0.10	
386.00	0.14	
387.00	0.45	
388.00	0.01	
389.00	0.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	0.34	
391.00	0.01	
392.00	0.67	
393.00	0.03	
394.00	0.10	
395.00	0.34	
396.00	0.34	
397.00	0.69	
398.00	0.70	
399.00	0.03	
400.00	0.18	
401.00	0.12	
402.00	0.12	
403.00	0.05	
404.00	0.07	
405.00	0.54	
406.00	0.10	
407.00	0.05	
408.00	0.10	
409.00	0.65	
410.00	0.09	
411.00	0.07	
412.00	0.05	
413.00	0.09	
414.00	0.10	
415.00	0.10	
416.00	0.14	
417.00	0.51	
418.00	0.18	
419.00	0.32	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	0.54	
421.00	0.58	
422.00	0.56	
423.00	0.07	
424.00	0.09	
425.00	0.08	
426.00	0.03	
427.00	0.01	
428.00	0.01	
429.00	0.01	
430.00	0.09	
431.00	0.03	
432.00	0.67	
433.00	0.09	
434.00	0.14	
435.00	0.09	
436.00	0.12	
437.00	0.49	
438.00	0.45	
439.00	0.38	
440.00	0.03	
441.00	0.12	
442.00	0.21	
443.00	0.01	
444.00	0.03	
445.00	0.10	
446.00	0.10	
447.00	0.96	
448.00	0.18	
449.00	0.54	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	0.21	
451.00	0.18	
452.00	0.05	
453.00	0.01	
454.00	0.12	
455.00	0.01	
456.00	0.10	
457.00	0.20	
458.00	0.40	
459.00	0.10	
460.00	0.20	
461.00	0.01	
462.00	0.09	
463.00	0.12	
464.00	0.10	
465.00	0.10	
466.00	0.10	
467.00	0.05	
468.00	0.01	
469.00	0.10	
470.00	0.03	
471.00	0.01	
472.00	0.10	
473.00	0.10	
474.00	0.16	
475.00	0.12	
476.00	0.12	
477.00	0.95	
478.00	0.09	
479.00	0.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
480.00	0.10	
481.00	0.20	
482.00	0.18	
483.00	0.72	
484.00	0.64	
485.00	0.66	
486.00	0.12	
487.00		EOH @ 487.77

KLAZA

Hole: **KL-DDH-12-128** **Date: Septembe**

Box #	From (m)	To (m)
1	1.25	11.27
2	11.27	19.10
3	19.10	22.98
4	22.98	28.30
5	28.30	33.78
6	33.78	39.40
7	39.40	44.81
8	44.81	50.40
9	50.40	56.05
10	56.05	62.87
11	62.87	69.23
12	69.23	73.65
13	73.65	78.83
14	78.83	84.35
15	84.35	89.97
16	89.97	95.33
17	95.33	101.05
18	101.05	106.79
19	106.79	112.10
20	112.10	117.96
21	117.96	123.40
22	123.40	128.20
23	128.20	133.80
24	133.80	139.53
25	139.53	145.25
26	145.25	151.02
27	151.02	156.83
28	156.83	162.45
29	162.45	168.08

KLAZA

30	168.08	173.88
31	173.88	179.60
32	179.60	185.39
33	185.39	191.11
34	191.11	197.01
35	197.01	202.96
36	202.96	208.77
37	208.77	214.55
38	214.55	220.36
39	220.36	226.23
40	226.23	232.18
41	232.18	238.27
42	238.27	244.14
43	244.14	249.72
44	249.72	255.53
45	255.53	261.10
46	261.10	266.69
47	266.69	272.09
48	272.09	277.52
49	277.52	283.05
50	283.05	288.65
51	288.65	294.26
52	294.26	299.68
53	299.68	305.52
54	305.52	311.77
55	311.77	317.05
56	317.05	322.11
57	322.11	328.45
58	328.45	334.37
59	334.37	340.20
60	340.20	345.85
61	345.85	351.65
62	351.65	357.20
63	357.20	363.01
64	363.01	368.45
65	368.45	373.92
66	373.92	379.30

KLAZA

67	379.30	384.80
68	384.80	390.50
69	390.50	396.30
70	396.30	401.63
71	401.63	407.18
72	407.18	412.81
73	412.81	418.45
74	418.45	423.30
75	423.30	428.35
76	428.35	434.34
77	434.34	439.80
78	439.80	445.50
79	445.50	451.30
80	451.30	457.03
81	457.03	462.23
82	462.23	467.20
83	467.20	472.85
84	472.85	478.30
85	478.30	483.72
86	483.72	486.77
		EOH @ 486.77m

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382396.71	6888898.7	1398.324	358.75

ZONE: DICKSON

SECTION: DDH-KL-12-129

HOLE: DDH-KL-12-129

CLAIM:

Contractor: Strike

Drill: A5

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Aug 31st - Sept 4th, 2012

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
53.9496	42.9	-48.6	Ranger	206.3496	48	-49.1	Ranger
99.6696	43.1	-49.1	Ranger	252.0696	46.6	-48.6	Ranger
130.1496	43.6	-49.2	Ranger	282.5496	50.2	-48.7	Ranger
175.8696	45.7	-49.3	Ranger	328.2696	52	-48.4	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	21.20	21.20	OVB	Rubbled overburden. Granodiorite fragments present
21.20	66.23	45.03	GRD/FEL	Alternating quartz feldspar porphyry dykes and
				moderate to stringly phyllic/argillic/propylitic altered
				granodiorite. Some quartz stringers and veinlets.
66.23	271.91	205.68	GRD	Phyllic and argillic altered granodiorite with abundant
				quartz and pyrite stringers throughout. Rare quartz
				veins hosting semi-massive pyrite and trace sphalerit
271.91	307.72	35.81	GRD/FEL	Alternating granodiorite and quartz feldspar porphyry
				dykes with mineralized selvages. Granodioirte hosts
				frequent quartz veinlets with pyrite and rarely
				sphalerite. Best mineralized interval in hole.
307.72	358.75	51.03	GRD	Largely unaltered or weakly altered (propylitic)
				granodiorite.
				EOH at 358.75 m.

SAMPLES

Numbers: M357873 - M358000, M356501 - M356603

Total: 232

Batch: 129-1 - 129-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-129 **Logger Name:** 0 **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	13.72	13.72				mKgW	GRD	MG	MD	BN		5									Overburden. Clay/sand with coarse grained grit and pebbles. Competent core (12-20 cm) is crumbly and has pervasive oxidation. Probably argillic altered.
13.72	18.59	4.87				mKgW	GRD	MG	MD	RD		5									Granodiorite. Local goethite staining and bright red clay.
										BK											
18.59	21.20	2.61				mKgW	GRD	MG	MD	BN		4						Go	70		Overburden. Clay with crumbly grit and compact sand.
																		Li	100		
21.20	28.72	7.52				LKqP	FEL		LT	RD	PA	4									quartz feldspar porphyry dyke. Red stained, crumbly to competent core. Quartz eye, clay altered plagioclase phenocrysts present. Narrow gouge zones present, probably clay alteration. Pervasive oxidation throughout. Gougy fractures. Matrix is crystalline, reddish brown.
									LT	BN	PO										
28.72	30.72	2.00				mKgW	GRD	MG	LT	RD	PA	4						Go	90		Granodiorite with pervasive, strong oxidation. Local goeathite (8 cm) and goethite/limonite staining on fractures.
									LT	BN											
30.72	41.67	10.95				mKgW	GRD	MG	MD	GY	PA	3		PRO	1			PHI	2		Granodiorite, weak propylitic alteration with patchy phyllic and argillic alteration (zones 30-70 cm). Patchy moderately pervasive oxidation (20-50 cm).
									LT	GN								ARG	3		
41.67	49.60	7.93				LKqP	FEL		LT	RB	PO										Quartz feldspar porphyry dyke. Reddish brown. Type case quartz eyes present. Plagioclase crowded. Gougy fractures present.
									LT	BN											
49.60	50.05	0.45				mKgW	GRD	MG	LT	GY	GN			PHI	4						Strong phyllic alteration and argillic alteration zones (20 cm) at quartz feldspar porphyry dyke contact.
										WH	PA			ARG	3						
50.05	66.23	16.18				LKqP	FEL		LT	BN		2									Quartz feldspar porphyry dyke type case. Quartz eyes present. Plagioclase crowded. Narrow zone of red colouration (60 cm). Zones with limonite stained fractures.
									LT	GN											
66.23	69.09	2.86				mKgW	GRD	MG	LT	GN	PA			PHI	4						Grey/greenish silicious propylitic altered with strong phyllic altered overprinting.
									LT	GY				PRO	4						
69.09	77.67	8.58				mKgW	GRD	MG			MA			PRO	2						Granodiorite. Propylitic altered with patchy phyllic alteration (40 cm) around quartz-carbonate veinlets.
77.67	80.71	3.04				mKgW	GRD	MG	LT	GN	EN			PHI	3						Granodiorite. Phyllic alteration associated with veining.
80.71	86.90	6.19				mKgW	GRD	MG	LT	PK	PA			PRO	2						Granodiorite. Propylitic altered with 30-80 cm zones of moderate, locally intense phyllic alteration.
									LT	GN	MA			PHI	4						
86.90	92.41	5.51				mKgW	GRD	MG	LT	GN	PA			PHI	4						Strong phyllic alteration in quartz vein zone.
									LT	GY											
92.41	103.80	11.39				mKgW	GRD	MG	LT	PK	PA			PRO	2						Granodiorite. Propylitic altered with 30-80 cm zones of moderate, locally intense phyllic alteration.
									LT	GN				PHI	3						
103.80	105.77	1.97				mKgW	GRD	MG	LT	GN	PA			PHI	4			Py	2		Strong phyllic alteration associated with quartz vein.
105.77	120.70	14.93				mKgW	GRD	MG	LT	PK	MA			PRO	1			Epi	2		Trace propylitic alteration. Xenoliths of black plagioclase. Porphyry common.
										WH											
120.70	122.44	1.74							LT	GN	PA			PHI	5						Intense phyllic alteration and silica flooding.
									LT	GY				SIL	4						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
122.44	132.35	9.91				mKgW	GRD	MG	MD	GY	MA		1	PRO	3						Granodiorite, propylitic altered, rare carbonate veinlets. Silicious.
									MD	GN											
132.35	136.37	4.02				mKgW	GRD	MG	LT	GN	PA			PHI	4						Patchy phyllic alteration, moderate, locally strong in association with veining.
136.37	145.70	9.33				mKgW	GRD	MG	MD	GY	MA			PRO	3						Granodiorite. Propylitic alteration with patchy phyllic alteration (30 cm) associated with quartz-carbonate veinlets. Patchy epidote present. Clay alteration on core fractures.
											PA			ARG	1						
145.70	147.79	2.09				mKgW	GRD	MG	LT	GN	EN			PHI	3						Phyllic envelope associated with quartz veinlets.
147.79	161.58	13.79				mKgW	GRD	MG	MA	GY	MA			PRO	3						Propylitic alteration with patchy phyllic alteration associated with vein zones (patches 25-60 cm).
									LT	GN	PA			PHI	4						
161.58	163.67	2.09				mKgW	GRD	MG	LT	GN			1	PHI	3			To	15		Phyllic alteration with narrow patchy argillic alteration (15 cm). Disseminated pyrite on fractures. Disseminated blebby and radial tourmaline present in lower half of interval. Zone is silicious (associated with tourmaline).
																		Py	2		
163.67	177.22	13.55				mKgW	GRD	MG	MD	GY	MA			PRO	3						Propylitic alteration with patchy phyllic alteration (15-90 cm). Epidote present in veinlet selvage. Local pink potassic flooding. Aplite dyke creates rubble breccia 10-30 cm wide.
									LT	GN	PA			PHI	2						
177.22	183.36	6.14				mKgW	GRD	MG	LT	GN	PA			PHI	5			Py	15		Silicious phyllic alteration with zones of strong silica flooding. Local strong coarse grained disseminated pyrite. Phyllic alteration moderately strong.
									LT	GY				SIL	4						
183.36	187.55	4.19				mKgW	GRD	MG	MD	GY			1	PRO	3						Silicious propylitic alteration with minor patchy phyllic altered envelopes. Associated with white quartz carbonate stringers.
187.55	198.46	10.91				mKgW	GRD	MG		WH	PA			ARG	3			PRO	3		Argillic alteration with patchy phyllic and propylitic alteration.
									LT	GN				PHI	3						
198.46	209.55	11.09				mKgW	GRD	MG	MD	GY	MA		1	PRO	3						Propylitic alteration with patchy phyllic alteration associated with vein zones (patches 25-60 cm).
														PHI	3						
209.55	227.69	18.14				mKgW	GRD	MG	LT	GN	PA		2	PHI	3			Py	3		Phyllic altered overprint on propylitic alteration. Zones of propylitic alteration have mottled phyllic alteration. Disseminated pyrite in zones of strong phyllic alteration with silica flooding.
									MD	GN				PRO	4						
227.69	237.17	9.48				mKgW	GRD	MG	DK	GN				PRO	3						Propylitic alteration. Fractured along core axis. Plagioclase is clay altered.
									MD	GY				ARG	1						
237.17	241.40	4.23				mKgW	GRD	MG	LT	GN	PA			PHI	4						Phyllic alteration in zones of grey quartz veinlets. White quartz vein, black stringers.
241.40	244.70	3.30				mKgW	GRD	MG	DK	GN			1	PRO	3						Propylitic alteration. Silicious.
244.70	255.67	10.97				mKgW	GRD	MG	LT	GN	PA			PHI	4						Patchy propylitic alteration with phyllic overprint as distinct envelopes. Mottled alteration in propylitic alteration. Dark green chlorite on fractures.
									DK	GN				PRO	3						
255.67	269.41	13.74				mKgW	GRD	MG	DK	GN	MO			PRO	5			Py	2		Intense propylitic alteration. Dark green-white mottled propylitic altered granodiorite. Intense chlorite/pyrite stringers. Patchy strong phyllic alteration (20-60 cm zones) throughout.
														PHI	4						
269.41	271.91	2.50				mKgW	GRD	MG		WH				PRO	3						Argillic alteration with 50 cm patches of phyllic/propylitic. Stronger alteration at dyke contact.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									DK	GN				ARG	3						
														PHI	3						
271.91	286.49	14.58				LKqP	FEL		LT	GN	PO										Quartz feldspar porphyry dyke. Plagioclase-quartz absent. Chlorite phenocrysts with light green crystalline matrix (coarse grained).
286.49	300.53	14.04				mKgW	GRD	MG						ARG	3						Argillic alteration with patchy propylitic and pervasive phyllic alteration overprint at 290.70 m. local clay altered fracturing and green gouge fracture surfaces.
														PHI	3						
														PRO	3						
300.53	307.72	7.19				LKqP	FEL		LT	GN	PO										quartz feldspar porphyry dyke. Type case zones with decrease in plagioclase phenocrysts (aphanitic) last 25 cm have gouge fractures.
307.72	347.20	39.48				mKgW	GRD	MG	LT	PK	MA			PRO	1						Weak propylitic alteration (more like trace) with zones of phyllic alteration (1 m) associated with veining. Infrequent quartz veining. Xenoliths common. Fine grained porphyrytic. Xenoliths typically larger than fine grained.
									MD	GN				POT	1						
														PHI	2						
347.00	351.69	4.69				mKgW	GRD	MG	LT	GN	PA			PHI	3						Phyllic overprint on propylitic alteration (3) associated with quartz veining. Patchy argillic alteration for 60 cm at top of interval.
351.69	358.75	7.06				mKgW	GRD	MG	MD	GN	PA			PRO	2						Propylitic alteration with patchy phyllic (25-70 cm) associated with quartz veining.
									LT	PK				PHI	3						

EOH @ 358.75 m.

KLAZA

Hole: DDH-KL-12-129 Logger Name: 0

Depth (m)		DESCRIPTION
28.72 m	FEL-GRD	Core has strong pervasive oxidation. Contact location is approximate. Textures indistinguishable but porphyritic texture 25 cm uphole and massive texture 40 cm downhole from contact.
41.67 m	GRD-FEL	70 degrees TCA. Contact oxidized and clay altered. Contact identified by change in core competency. GRD is harder.
49.60 m	FEL-GRD	50 degrees TCA. Sharp, irregular contact. Fractured along contact. No granodiorite or quartz feldspar porphyry dyke brecciation.
50.05 m	GRD-FEL	30 degrees TCA. Sharp, planar contact. No brecciation or texture change.
66.23 m	FEL-GRD	30 degrees TCA. Sharp undulating contact. Flow banded, soft clay for 15 cm into dyke. Pale green phyllic altered granodiorite for 35 cm into granodiorite.
271.91 m	GRD-FEL	25 degrees TCA. Sharp, irregular contact. Subangular clasts of granodiorite in quartz feldspar porphyry dyke. No prominent texture change.
286.49 m	FEL-GRD	70 degrees TCA. Sharp planar-irregular. No prominent texture change.
300.53 m	GRD-FEL	90 degrees TCA. Brecciated contact. 53 cm of black breccia at contact.
307.72 m	FEL-GRD	90 degrees TCA. 1.3 cm black breccia at contact.
		EOH

Hole: DDH-KL-12-129 **Logger Name:** 0 **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vn	28.92	29.00	88.00		1.00	Go	95.00	Massive goethite zone (8 cm) with minor limonite sulphide mineralization.	
Vn	30.66	30.70	90.00		1.00	Go	80.00	Black goethite and quartz vein. (4 cm) no sulphide mineralization observed.	
Vts	31.66	41.67	70.00		26.00			White quartz carbonate stringers to veinlets and local veins (1 cm) trace black sulphide in several veinlets.	
Vn	39.41	39.49	50.00			Py	8.00	Oxidized quartz vein (9 cm). Grey quartz vein hosting brecciated quartz and blebby pyrite.	
Vn	49.73	49.74	80.00		1.00	Py	15.00	Massive white-quartz vein (1 cm) with very coarse blebs of pyrite in intense phyllic altered envelopes (40 cm).	
Vts	68.61	68.21	60.00		2.00	Py	85.00	Two grey quartz veinlets (8 mm) hosting massive pyrite (upper 85 %, lower 50 %) intergrown with arsenopyrite (upper 3 %) (lower 60 %).	
						As	60.00		
Dk?	71.55	71.70	85.00					Pink fine grained potassic flooding associated with white stringers.	
Vt	69.09	77.67	50.00		7.00			Infrequent white quartz-carbonate veinlets.	
Vn	77.67	80.71			5.00	Py	8.00	Vein zone. Massive white quartz-carbonate veins (2) and grey quartz veins (2-4 cm) hosting stringy black sulphide, trace-weak disseminated-blebby pyrite. One vein hosts massive pyrite (95 %) at 80.10 m.	
						Py	95.00		
Vn	83.14		50.00		1.00	Py	70.00	Massive pyrite and intergrown sphalerite hosted in white quartz veinlet? Dilation?	
						Sph	25.00		
Vn	86.26		60.00			Py	15.00	Massive white quartz-carbonate vein (1.3 cm) hosting stringy to blebby pyrite.	
Dk	88.27		40.00		1.00			Fine grained aplite dyke (2 cm).	
Vn	89.37	90.24	40.00		2.00	Py	75.00	Two sheeted quartz veins. Upper grey quartz (3.5 cm) hosting semimassive strings of pyrite (75 %) and white rimmed vugs. Lower brecciated white-pink quartz (1 cm) in grey clayey zone (2 cm). No sulphide. Grey quartz veinlet (8 mm) between veins hosts blebby pyrite. vein zone in strong-intense phyllic alteration. 6-8 sheeted quartz veinlets 20 cm downhole from lower vein.	
						Py	8.00		
Vn	94.55	95.57	85.00		2.00			White pink crustiform quartz vein. No sulphide mineralization.	
Vn	99.12	105.77	50.00		2.00	Py	10.00	Infrequent massive white stringer and vein zone. Stringy pyrite in one veinlet. Veins commonly have chlorite selvages.	
St			15.00		6.00				
Vn	105.08	105.26			1.00	Py	5.00	Vein and gouge. Grey and milky quartz (milky brecciated) vein (5 cm) hosting trace blebby pyrite and coarse-stringy sphalerite and galena in milky quartz. Grey gouge zone 6 cm at hangingwall vein contact.	
						Sph	8.00		
						Gn	2.00		
Dk	119.93		88.00		1.00			Aplite dyke.	
St-Vt	120.70	122.44	45.00		40.00	Py	30.00	Very frequent pyrite stringers/veinlets in silica flooded zone. Narrow zone (8 cm) of brecciated granodiorite (clasts, rounded) which hosts blebby pyrite in silicious matrix. Strong silica flooding.	
Vn	132.64	132.66	50.00		1.00			White quartz veining (2 cm)/brecciated granodiorite infill?/veinlets with dilations?	
Vn	134.27	134.29	85.00		1.00			Brecciated white quartz in grey quartz vein (2 cm). No sulphides.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	134.85	135.11	80.00		2.00	Py	60.00	Two mineralized veins. Upper grey quartz vein (2.5 cm 70 degrees TCA) hosting blebby stringers of pyrite (60 %). Band of black sulphides at vein wall. Lower vein vuggy grey and white quartz vein (12 cm) hosting stringy to semi-massive pyrite (40 %) intergrown sphalerite (5 %). sericitic envelope hosts strong disseminated-blebby pyrite.	
						Py	40.00		
						Sph	5.00		
Vn	135.85		20.00		1.00	Py	6.00	Pink-white quartz vein (1.3 cm) hosts blebby pyrite (6 %)	
Vt	136.10		80.00		1.00	Py	65.00	Quartz-pyrite veinlet (7 mm) sericite envelope (20 cm) wide with pyrite stringers.	
Vt	145.70	147.79	50.00		11.00			White and grey quartz veinlets to veins (2 cm), dense veinlet zone makes vein zone 15 cm wide with 3 cm of gouge in hangingwall. Chlorite stringers and veinlets.	
Vn	147.17	147.30	50.00		1.00			Massive grey quartz vein (8 cm) hosts phyllic altered granodiorite clasts. No mineralization.	
Vn	149.73	149.78	85.00		1.00	Py	40.00	Banded milky quartz-grey quartz vein (4 cm), grey quartz hosts massive pyrite (95 %) of grey quartz with trace intergrown chalcopyrite. Moderate phyllic altered envelope (70 cm).	
						Cp	3.00		
Vts-Vns	147.79	161.58	50.00		16.00	Py	4.00	Veinlet zone. White quartz-carbonate veinlets and local sheeted grey quartz veinlets hosting weak pyrite. One massive white carbonate veinlet present. Veining consistantly 1-2 m apart.	
Vn	162.65	163.35	60.00			To	30.00	Silica flooding/veining. Discontinuous quartz veinlets with silica flooding between. Hosts disseminated, clotted and radial tourmaline. Sheeted quartz veinlets host stringy tourmaline. Pyrite intergrown with tourmaline in silica flooded zone.	
						Py	10.00		
Vts-Vns	163.67	177.22	70.00		2/m	Py	10.00	Zone of white-grey quartz veinlets, local pyrite stringers with phyllic envelopes.	
Vn	164.94	165.03	50.00		2.00	Py	90.00	Massive intergrown pyrite>chalcopyrite vein. (5-12 mm) with 4 cm clot (infill?) in hanging wall of gritty gouge zone. (Cataclastic?) (6 cm) and grey quartz vein (2 cm) hosting massive pyrite (80 %).	
						Cp	10.00		
Vn	177.22	183.26			20/m	py	20.00	Pinkish white netted quartz stringers and crustiform veins (1.3 cm). Veins host stringy pyrite (20 %). Netted stringers. Gougey chlorite stringers in silica flooding.	
Go-Vn	180.07	180.13	40.00			Py	3.00	Dark grey gouge hosting disseminated pyrite (3 %). Grey quartz vein (1 cm) in gouge fault.	
Vt	191.00	193.20			30/m			Netted and crustiform milky quartz-grey quartz, minor vugs; breccia zone 9 cm consists of subrounded phyllic altered granodiorite clasts in dirty white silicious matrix. Smoky quartz veinlets present. No sulphide mineralization. Netted quartz zone 45 cm wide.	
Vn	205.10	205.14	50.00		1.00	Py	20.00	Medium banded white-quartz/grey quartz/pink quartz vein (5 cm) hosting blebby sphalerite and galena and semi-massive pyrite.	
						Sph	8.00		
						Gn	4.00		
Vn	209.55	218.35	70.00		3/m			White quartz-carbonate stringers in 20-40 cm phyllic envelopes. Narrow black breccia 1 cm wide hosts trace pyrite.	
Vt	218.35	221.65	60.00		11.00	Py	3.00	Netted white (milky) quartz veinlets. Trace pyrite in 9 cm zone of grey silica flooding. Vugs common.	
Go	218.54		50.00		1.00			Grey gouge zone 3 cm. probably strong argillic alteration.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	223.00		70.00		1.00			Milky quartz vein(1 cm) with thin black sulphide stringers. No sulphide mineralization.	
Vt	237.17	241.40	45.00		6.00	Py	5.00	Grey quartz veinlets host weak blebby pyrite (5 %). Black and pyrite stringers common. One zone of dark grey sericite alteration (8 cm) hosts grey quartz vein with disseminated pyrite (100 %).	
Vts	244.70	255.67	70.00		6.00	Py		Infrequent milky quartz veinlets, pyrite stringers common. One large vein. Smoky veinlets present.	
Vn	251.68	251.76	90.00		1.00	Py	10.00	Massive grey quartz vein (7 cm) with milky white quartz (brecciated) at vein walls. Disseminated pyrite occurs in grey quartz. Fine grained black sulphides? disseminated in grey quartz.	
St	255.67	269.41	50.00		40/m	Py	3.00	Intense chlorite and pyrite stringers with epidote selvages. Decrease in stringers in patches of phyllic alteration.	
Vn	259.96	259.98	40.00		1.00	Sph	3.00	Milky white quartz vein (5 cm). Looks like competent zone of veinlets (6 mm) hosting trace blebby sphalerite and pyrite.	
						Py	3.00		
Vn	262.62	262.97	15.00					Two sheeted grey quartz veinlets (7 mm) with gouge vein wall contacts. Core clayey white/green between veinlets. No visible sulphides.	
Vn	286.82	286.94	60.00		1.00	Py	25.00	Grey quartz-crustiform pink quartz vein (11 cm) hosting disseminated to blebby pyrite-sphalerite.	
						Sph	15.00		
Vn	291.40		35.00			Py	6.00	Milky quartz vein (1 cm) hosting black stringers and stringy pyrite.	
Bx	300.00	300.53	90.00			Py	15.00	Black breccia at quartz feldspar porphyry dyke contact. Matrix (30 %) hosts blebby pyrite (15 %). Local greyish and gougey zones. Brecciated granodiorite (strongly phyllic altered).	
Vn	276.33		70.00			Sph	30.00	Sphalerite-pyrite-quartz veinlets crosscutting quartz feldspar porphyry dyke.	
						Py	4.00		
Bx	307.40	307.54						Grey-gouge breccia (45 cm) clasts are subrounded strongly phyllic altered granodiorite. Irregular contact with quartz feldspar porphyry dyke. One large clast.	
Vt	308.27	308.34	90.00		6.00	Py	4.00	Zone of dense smoky quartz and discontinuous beige quartz veinlets (7 cm). Weak blebby pyrite mineralization.	
Vn	312.87	312.90	83.00		1.00	Py	70.00	Grey quartz vein (3 cm) hosting semi-massive pyrite.	
Vn	326.03	326.29	45.00		4.00	Py	85.00	Four massive sulphide veins (2-5 cm) (white quartz host?) Massive pyrite and intergrown sphalerite (reddish brown) foot wall is gougey and hosts coarse grained pyrite.	
						Sph	65.00		
Vn	331.39		70.00		1.00			Massive white-pink quartz vein. No mineralization.	
Vn	332.18		70.00		1.00	Py	85.00	White quartz vein (1 cm) hosting massive pyrite (85 %) and stringy black sulphide.	
Vn	333.70		70.00		1.00	Py	65.00	White quartz vein hosting a discontinuous pyrite band 7 mm thick.	
Bx	339.77		35.00		1.00	Py	15.00	Brecciated beige-white quartz vein in chlorite-rich breccia zone. (3 cm) hosting blebby pyrite. Grey gouge/clay alteration in footwall at breccia contact. Structure in 70 cm moderate phyllic altered envelope.	
Vn	348.18	352.26	60.00		11.00	Py	8.00	White quartz veinlets-veins plus stringy black sulphides and pyrite.	
Vn	356.32	356.46	80.00		2.00	As	30.00	Two grey quartz veins, upper (1.5 cm) grey quartz hosting semi-massive and intergrown arsenopyrite (form 2 distinct bands). Lower vein (2 cm) grey quartz hosting stringy intergrown pyrite and arsenopyrite.	
						Py	55.00		

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
			65.00			Py	15.00		
						As	15.00		
Vn	355.50		90.00		1.00	Py	90.00	Massive pyrite hosted in milky white quartz veinlets (8 mm).	
								EOH	

KLAZA

Hole: DDH-KL-12-129 **Date:**

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
26.2	1495	1700	542	331.8	FEL	PO	OXI	1			2.643902	2.578497	Quartz feldspar porphyry dyke - plag clay altered
54	1495	1740	667.6	410.3	FEL	PO					2.724898	2.594637	Quartz feldspar porphyry dyke - type case
31.3	1495	1790	531.1	332.1	GRD	MA	PRO	1			1.800339	2.668844	Granodiorite - propylitic and oxidized.
60.2	1480	1805	848.5	549.6	FEL	PO					2.610769	2.838742	
84.43	1480	1720	638.7	402.8	GRD	MA	PRO	2			2.66125	2.707503	Silicieous propylitic alteration
87.4	1480	1800	981.8	468.6	GRD	MA	PHC	4	Py	15	3.068125	1.913094	Massive (80%) pyrite in white quartz vein (3cm) crosscut by white quartz veinlet. Strong - intense phyllic alteration
105.4	1480	1710	669.1	360.2	VEN	VN	PHC	4	Sp	2	2.90913	2.166073	1/2 core. Blebby sphalerite (10%) hosted in brecciated white quartz vein. Pyllic altered granodiorite, pyrite disseminated throughout.
									Py	2			
121	1480	1615	421.2	271.9	GRD	MA	PHC	3			3.12	2.821165	Phyllic altered granodiorite - moderate to strong.
135	1460	1740	847.5	566.3	VEN	VN	PHC	2	Py	15	3.026786	3.013869	Grey quartz vein (6cm) hosting semimassive pyrite (<70%) and sphalerite (5).
									Sp	1			
157.58	1460	1750	818.8	528.5	GRD	MA	PHC	3			2.823448	2.82053	Phyllic altered granodiorite with three vuggy pink quartz veinlets
179.91	1460	1695	647.2	411.1	GRD	MA	PHC	4			2.754043	2.741211	Silica-flooded phyllic altered granodiorite.
175.87	1460	1660	567.3	353.8	GRD	MA	PRO	3			2.8365	2.657143	
191.11	1460	1630	477.3	298.6	GRD	MA	PHC	3			2.807647	2.670957	Netted white quartz veinlets, vuggy in phyllic altered granodiorite.
246.26	1540	1800	745.6	480.7	GRD	MA	PHC	4	Py	3	2.867692	2.814647	Strong phyllic and intense propylitic alteration - phyllic overprint. Pyrite stringers abundant.
							PRO	5					
282.55	1540	1760	614.2	391.3	FEL						2.791818	2.755496	Green chlorite siliceous dyke.
313.03	1540	1800	745.8	475.8	GRD	MA	ARG	3			2.868462	2.762222	Type case - argillic alteration

KLAZA

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
298.25	1540	1680	392.3	244.5	GRD	MA	PRO	2			2.802143	2.654263	Propyllitic alteration with strong phyllic overprint.
							PHC	4					
338.7	1500	1780	750.7	475.3	GRD	MA	PHC	3			2.681071	2.725853	Phyllic alteration with 3 cm bleacked breccia.
355.7	1500	1730	618.5	390.6	GRD	MA	PRO	3	Ep	2	2.68913	2.71391	Propyllitic altered granodiorite - type case. Disseminated epidote 4cm.

KLAZA

Hole: DDH-KL-12-129 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
13.32	15.24	1.92	1.53	79.7	M357873	129-1				Overburden - poor recovery
15.24	18.29	3.05	2.99	98	M357874	129-1				
18.29	21.33	3.04	2.93	96.4	M357875	129-1				
21.33	24.08	2.75	2.65	96.4	M357876	129-1				
24.08	25.08	1.00	1.00	100	M357877	129-1				
					M357878	129-1				STANDARD KLAZA 3
25.08	27.30	2.22	1.58	71.2	M357879	129-1				
27.30	28.70	1.40	1.32	94.3	M357880	129-1				
28.70	29.75	1.05	1.05	100	M357881	129-1				
29.75	30.78	1.03	0.98	95.1	M357882	129-1				
30.78	32.19	1.41	1.41	100	M357883	129-1				
					M357884	129-1				BLANK
32.19	35.19	3.00	2.92	97.3	M357885	129-1				
35.19	37.07	1.88	1.88	100	M357886	129-1				
37.07	38.95	1.88	1.60	85.1	M357887	129-1				
38.95	39.95	1.00	0.98	98	M357888	129-1				
					M357889	129-1				BLANK
39.95	41.02	1.07	1.04	97.2	M357890	129-1				
41.02	42.37	1.35	1.35	100	M357891	129-1				
42.37	44.81	2.44	2.40	98.4	M357892	129-1				
					M357893	129-1				STANDARD KLAZA 3
44.81	47.83	3.02	3.02	100	M357894	129-1				
47.83	49.29	1.46	1.46	100	M357895	129-1				
49.29	50.29	1.00	1.00	100	M357896	129-1				
50.29	51.90	1.61	1.52	94.4	M357897	129-1				
					M357898	129-1				1/4 DUPLICATE
51.90	53.95	2.05	2.00	97.6	M357899	129-1				
53.95	57.00	3.05	2.99	98	M357900	129-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
57.00	60.05	3.05	2.98	97.7	M357901	129-1				
60.05	63.10	3.05	2.92	95.7	M357902	129-1				
63.10	66.05	2.95	2.71	91.9	N812734	129-1				
					M357903	129-1				COARSE REJECT DUPLICATE
66.05	67.61	1.56	1.56	100	M357904	129-1				
67.61	68.72	1.11	1.11	100	M357905	129-1				
68.72	70.39	1.67	1.67	100	M357906	129-1				
70.39	72.24	1.85	1.85	100	M357907	129-1				
72.24	75.29	3.05	3.05	100	M357908	129-2				
75.29	77.98	2.69	2.69	100	M357909	129-2				
77.98	78.98	1.00	1.00	100	M357910	129-2				
					M357911	129-2				BLANK
78.98	79.98	1.00	1.00	100	M357912	129-2				
79.98	80.98	1.00	1.00	100	M357913	129-2				
80.98	82.22	1.24	1.24	100	M357914	129-2				
82.22	83.23	1.01	1.01	100	M357915	129-2				
83.23	86.23	3.00	2.94	98	M357916	129-2				
					M357917	129-2				STANDARD KLAZA 2
86.23	87.23	1.00	1.00	100	M357918	129-2				
87.23	89.36	2.13	2.10	98.6	M357919	129-2				
89.36	90.36	1.00	1.00	100	M357920	129-2				
90.36	92.24	1.88	1.88	100	M357921	129-2				
92.24	93.71	1.47	1.41	95.9	M357922	129-2				
93.71	94.71	1.00	1.00	100	M357923	129-2				
94.71	96.62	1.91	1.91	100	M357924	129-2				
					M357925	129-2				1/4 DUPLICATE
96.62	99.16	2.54	2.49	98	M357926	129-2				
99.16	100.16	1.00	0.99	99	M357927	129-2				
100.16	101.72	1.56	1.56	100	M357928	129-2				
101.72	102.72	1.00	1.00	100	M357929	129-2				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357930	129-2				STANDARD KLAZA 3
102.72	104.44	1.72	1.68	97.7	M357931	129-2				
104.44	105.44	1.00	1.00	100	M357932	129-2				
105.44	106.50	1.06	1.06	100	M357933	129-2				
106.50	108.81	2.31	2.22	96.1	M357934	129-2				
108.81	111.86	3.05	3.00	98.4	M357935	129-2				
					M357936	129-2				COARSE REJECT DUPLICATE
111.86	114.91	3.05	3.00	98.4	M357937	129-2				
114.91	117.96	3.05	2.99	98	M357938	129-2				
117.96	119.85	1.89	1.81	95.8	M357939	129-2				
119.85	121.06	1.21	1.21	100	M357940	129-2				
121.06	122.12	1.06	1.06	100	M357941	129-2				
					M357942	129-2				BLANK
122.12	124.05	1.93	1.93	100	M357943	129-2				
124.05	127.10	3.05	2.80	91.8	M357944	129-3				
127.10	130.15	3.05	3.04	99.7	M357945	129-3				
130.15	132.20	2.05	2.05	100	M357946	129-3				
132.20	133.20	1.00	1.00	100	M357947	129-3				
					M357948	129-3				STANDARD KLAZA 2
133.20	134.20	1.00	0.97	97	M357949	129-3				
134.20	135.20	1.00	1.00	100	M357950	129-3				
135.20	136.20	1.00	0.98	98	M357951	129-3				
					M357952	129-3				BLANK
136.20	137.20	1.00	0.98	98	M357953	129-3				
137.20	139.29	2.09	2.09	100	M357954	129-3				
139.29	142.34	3.05	3.05	100	M357955	129-3				
142.34	145.39	3.05	3.00	98.4	M357956	129-3				
145.39	146.39	1.00	1.00	100	M357957	129-3				
					M357958	129-3				STANDARD KLAZA 2
146.39	147.39	1.00	1.00	100	M357959	129-3				
147.39	149.11	1.72	1.63	94.8	M357960	129-3				
149.11	150.11	1.00	1.00	100	M357961	129-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M357962	129-3				BLANK
150.11	153.16	3.05	2.90	95.1	M357963	129-3				
153.16	154.60	1.44	1.43	99.3	M357964	129-3				
154.60	156.23	1.63	1.61	98.8	M357965	129-3				
156.23	157.44	1.21	1.21	100	M357966	129-3				
157.44	158.44	1.00	0.97	97	M357967	129-3				
158.44	159.44	1.00	1.00	100	M357968	129-3				
					M357969	129-3				COARSE REJECT DUPLICATE
159.44	160.63	1.19	1.17	98.3	M357970	129-3				
160.63	162.34	1.71	1.71	100	M357971	129-3				
162.34	163.34	1.00	1.00	100	M357972	129-3				
163.34	164.34	1.00	0.98	98	M357973	129-3				
164.34	165.34	1.00	1.00	100	M357974	129-3				
165.34	167.13	1.79	1.71	95.5	M357975	129-3				
					M357976	129-3				1/4 DUPLICATE
167.13	168.36	1.23	1.15	93.5	M357977	129-3				
168.36	169.48	1.12	1.11	99.1	M357978	129-3				
169.48	170.71	1.23	1.23	100	M357979	129-3				
170.71	172.82	2.11	2.11	100	M357980	129-4				
172.82	175.87	3.05	3.05	100	M357981	129-4				
175.87	177.92	2.05	2.04	99.5	M357982	129-4				
177.92	178.92	1.00	0.95	95	M357983	129-4				
					M357984	129-4				CDN-ME-6
178.92	179.97	1.05	1.00	95.2	M357985	129-4				
179.97	180.97	1.00	1.00	100	M357986	129-4				
180.97	181.97	1.00	1.00	100	M357987	129-4				
181.97	183.20	1.23	1.20	97.6	M357988	129-4				
					M357989	129-4				COARSE REJECT DUPLICATE
183.20	185.01	1.81	1.70	93.9	M357990	129-4				
185.01	188.06	3.05	3.03	99.3	M357991	129-4				
188.06	190.71	2.65	2.65	100	M357992	129-4				
190.71	191.71	1.00	1.00	100	M357993	129-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
191.71	192.71	1.00	1.00	100	M357994	129-4				
					M357995	129-4				BLANK
192.71	194.47	1.76	1.65	93.8	M357996	129-4				
194.47	197.20	2.73	2.72	99.6	M357997	129-4				
197.20	198.58	1.38	1.38	100	M357998	129-4				
198.58	199.58	1.00	0.96	96	M357999	129-4				
199.58	202.54	2.96	2.96	100	M358000	129-4				
					M356501	129-4				CDN-ME-6
202.54	205.04	2.50	2.50	100	M356502	129-4				
205.04	206.04	1.00	1.00	100	M356503	129-4				
206.04	207.56	1.52	1.52	100	M356504	129-4				
207.56	209.40	1.84	1.84	100	M356505	129-4				
					M356506	129-4				1/4 DUPLICATE
209.40	211.96	2.56	2.56	100	M356507	129-4				
211.96	213.17	1.21	1.21	100	M356508	129-4				
213.17	215.25	2.08	2.08	100	M356509	129-4				
215.25	216.25	1.00	1.00	100	M356510	129-4				
216.25	218.38	2.13	2.10	98.6	M356511	129-4				
218.38	220.83	2.45	2.36	96.3	M356512	129-4				
					M356513	129-4				BLANK
220.83	221.83	1.00	0.97	97	M356514	129-4				
221.83	223.08	1.25	1.25	100	M356515	129-4				
223.08	225.02	1.94	1.94	100	M356516	129-5				
225.02	226.21	1.19	1.18	99.2	M356517	129-5				
226.21	228.00	1.79	1.70	95	M356518	129-5				
228.00	230.73	2.73	2.66	97.4	M356519	129-5				
230.73	233.78	3.05	3.00	98.4	M356520	129-5				
					M356521	129-5				COARSE REJECT DUPLICATE
233.78	236.73	2.95	2.85	96.6	M356522	129-5				
236.73	237.73	1.00	0.95	95	M356523	129-5				
237.73	238.73	1.00	1.00	100	M356524	129-5				
					M356525	129-5				CDN-ME-6

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
238.73	240.27	1.54	1.54	100	M356526	129-5				
240.27	241.27	1.00	0.98	98	M356527	129-5				
241.27	242.93	1.66	1.62	97.6	M356528	129-5				
242.93	244.79	1.86	1.80	96.8	M356529	129-5				
					M356530	129-5				1/4 DUPLICATE
244.79	245.97	1.18	1.00	84.7	M356531	129-5				
245.97	247.58	1.61	1.40	87	M356532	129-5				
247.58	248.58	1.00	0.95	95	M356533	129-5				
248.58	251.02	2.44	2.44	100	M356534	129-5				
251.02	252.07	1.05	1.05	100	M356535	129-5				
252.07	253.25	1.18	1.12	94.9	M356536	129-5				
253.25	255.12	1.87	1.87	100	M356537	129-5				
					M356538	129-5				CDN-ME-6
255.12	258.16	3.04	3.04	100	M356539	129-5				
258.16	259.38	1.22	1.22	100	M356540	129-5				
259.38	260.38	1.00	0.97	97	M356541	129-5				
260.38	262.22	1.84	1.84	100	M356542	129-5				
					M356543	129-5				BLANK
262.22	263.22	1.00	1.00	100	M356544	129-5				
263.22	264.32	1.10	1.02	92.7	M356545	129-5				
264.32	267.31	2.99	2.99	100	M356546	129-5				
267.31	270.36	3.05	2.98	97.7	M356547	129-5				
270.36	272.00	1.64	1.64	100	M356548	129-5				
					M356549	129-5				BLANK
272.00	273.41	1.41	1.39	98.6	M356550	129-5				
273.41	275.21	1.80	1.80	100	M356551	129-5				
275.21	276.53	1.32	1.32	100	M356552	129-6				
276.53	279.50	2.97	2.96	99.7	M356553	129-6				
279.50	282.55	3.05	3.05	100	M356554	129-6				
					M356555	129-6				STANDARD KLAZA 2
282.55	285.60	3.05	3.00	98.4	M356556	129-6				
285.60	286.74	1.14	1.14	100	M356557	129-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
286.74	287.74	1.00	0.94	94	M356558	129-6				
					M356559	129-6				BLANK
287.74	288.74	1.00	1.00	100	M356560	129-6				
288.74	290.53	1.79	1.79	100	M356561	129-6				
290.53	292.16	1.63	1.63	100	M356562	129-6				
292.16	294.74	2.58	2.58	100	M356563	129-6				
					M356564	129-6				STANDARD KLAZA 1
294.74	297.79	3.05	3.05	100	M356565	129-6				
297.79	299.56	1.77	1.73	97.7	M356566	129-6				
299.56	300.56	1.00	1.00	100	M356567	129-6				
					M356568	129-6				BLANK
300.56	303.27	2.71	2.71	100	M356569	129-6				
303.27	305.47	2.20	2.20	100	M356570	129-6				
305.47	307.38	1.91	1.81	94.8	M356571	129-6				
307.38	308.38	1.00	1.00	100	M356572	129-6				
308.38	309.98	1.60	1.60	100	M356573	129-6				
					M356574	129-6				COARSE REJECT DUPLICATE
309.98	312.00	2.02	1.67	82.7	M356575	129-6				
312.00	313.00	1.00	1.00	100	M356576	129-6				
313.00	316.00	3.00	3.00	100	M356577	129-6				
316.00	318.00	2.00	2.00	100	M356578	129-6				
					M356579	129-6				1/4 DUPLICATE
318.00	319.13	1.13	1.13	100	M356580	129-6				
319.13	322.17	3.04	3.04	100	M356581	129-6				
322.17	324.85	2.68	2.68	100	M356582	129-6				
324.85	325.85	1.00	1.00	100	M356583	129-6				
325.85	326.85	1.00	1.00	100	M356584	129-6				
326.85	328.27	1.42	1.42	100	M356585	129-6				
328.27	331.24	2.97	2.97	100	M356586	129-6				
331.24	332.24	1.00	1.00	100	M356587	129-6				
332.24	334.37	2.13	2.13	100	M356588	129-7				
334.37	337.41	3.04	3.01	99	M356589	129-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
337.41	339.57	2.16	2.16	100	M356590	129-7				
339.57	340.57	1.00	1.00	100	M356591	129-7				
					M356592	129-7				BLANK
340.57	343.51	2.94	2.56	87.1	M356593	129-7				
343.51	346.56	3.05	3.05	100	M356594	129-7				
346.56	348.15	1.59	1.59	100	M356595	129-7				
348.15	349.22	1.07	1.06	99.1	M356596	129-7				
349.22	350.75	1.53	1.50	98	M356597	129-7				
350.75	351.75	1.00	1.00	100	M356598	129-7				
					M356599	129-7				STANDARD KLAZA 2
351.75	353.00	1.25	1.25	100	M356600	129-7				
353.00	355.48	2.48	2.40	96.8	M356601	129-7				
355.48	356.48	1.00	1.00	100	M356602	129-7				
356.48	358.75	2.27	2.21	97.4	M356603	129-7				EOH

KLAZA

Hole: DDH-KL-12-129 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.60	39	0.00	0		1	0	5	
1.52	3.05	1.53	0.70	46	0.00	0		1	0	5	
3.05	4.57	1.52	0.75	49	0.00	0		1	0	5	
4.57	6.10	1.53	0.80	52	0.00	0		1	0	5	
6.10	7.62	1.52	1.02	67	0.00	0		1	0	5	
7.62	9.14	1.52	0.80	53	0.00	0		1	0	5	
9.14	10.66	1.52	0.75	49	0.00	0		1	0	5	
10.66	12.19	1.53	0.92	60	0.00	0		1	0	5	
12.19	13.72	1.53	1.05	69	0.00	0		1	0	5	
13.72	15.24	1.52	1.25	82	0.00	0		1	0	5	
15.24	16.76	1.52	1.30	86	0.00	0		1	0	5	
16.76	18.29	1.53	1.70	111	0.00	0		1	0	5	
18.29	19.81	1.52	1.30	86	0.00	0		1	0	5	
19.81	21.33	1.52	1.48	97	0.26	17		1	0	5	
21.33	24.38	3.05	2.89	95	0.90	30		1	2	4	
24.38	26.52	2.14	1.56	73	0.82	38		1	2	3	
26.52	29.57	3.05	2.90	95	1.68	55		1	1	3	
29.57	32.61	3.04	2.82	93	1.60	53		1	2	3	
32.61	35.66	3.05	2.85	93	2.98	98		1	3	2	
35.66	38.71	3.05	2.93	96	1.37	45		1	3	2	
38.71	41.76	3.05	3.00	98	1.05	34		2	3	2	
41.76	44.81	3.05	2.93	96	2.15	70		2	2	2	
44.81	47.83	3.02	3.05	101	2.45	81		2	2	2	
47.83	50.91	3.08	2.96	96	2.30	75		2	2	2	
50.91	53.95	3.04	2.94	97	2.26	74		2	2	2	
53.95	57.00	3.05	2.95	97	1.65	54		2	2	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
57.00	60.05	3.05	2.90	95	2.90	95		2	2	1	
60.05	63.10	3.05	2.92	96	2.25	74		2	2	2	
63.10	66.14	3.04	2.56	84	2.59	85		2	2	1	
66.14	69.14	3.00	3.05	102	2.79	93		2	2	1	
69.14	72.24	3.10	3.05	98	3.00	97		2	2	1	
72.24	75.29	3.05	3.00	98	2.80	92		2	3	1	
75.29	78.33	3.04	2.93	96	2.25	74		2	3	1	
78.33	81.38	3.05	3.00	98	2.54	83		2	3	1	
81.38	84.43	3.05	2.95	97	2.20	72		2	3	1	
84.43	87.48	3.05	3.05	100	2.94	96		2	4	1	
87.48	90.53	3.05	2.97	97	1.96	64		2	3	1	
90.53	93.57	3.04	2.90	95	2.73	90		2	3	1	
93.57	96.62	3.05	3.04	100	2.80	92		2	3	1	
96.62	99.67	3.05	3.00	98	2.65	87		2	3	1	
99.67	102.72	3.05	2.91	95	2.50	82		2	3	1	
102.72	105.77	3.05	3.02	99	1.19	39		2	3	1	
105.77	108.81	3.04	2.88	95	2.65	87		2	3	1	
108.81	111.86	3.05	3.00	98	2.40	79		2	3	1	
111.86	114.91	3.05	3.00	98	2.70	89		2	3	1	
114.91	117.96	3.05	3.02	99	2.80	92		2	3	1	
117.96	121.01	3.05	3.00	98	2.75	90		2	2	1	
121.01	124.06	3.05	3.05	100	2.65	87		2	3	1	
124.06	127.11	3.05	3.00	98	2.75	90		2	3	1	
127.11	130.15	3.04	3.02	99	2.50	82		2	3	1	
130.15	133.20	3.05	3.05	100	2.65	87		2	3	1	
133.20	136.25	3.05	3.05	100	1.10	36		2	3	1	
136.25	139.29	3.04	3.05	100	2.23	73		2	3	1	
139.29	142.34	3.05	3.05	100	1.45	48		2	3	1	
142.34	145.39	3.05	2.95	97	2.47	81		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
145.39	148.44	3.05	3.00	98	2.50	82		2	3	1	
148.44	151.49	3.05	2.90	95	2.30	75		2	3	1	
151.49	154.53	3.04	2.97	98	2.70	89		2	3	1	
154.53	157.58	3.05	3.05	100	2.84	93		2	3	1	
157.58	160.63	3.05	3.02	99	3.02	99		2	3	1	
160.63	163.67	3.04	3.05	100	2.30	76		2	3	1	
163.67	166.73	3.06	2.93	96	2.75	90		2	3	1	
166.73	169.77	3.04	2.96	97	2.80	92		2	3	1	
169.77	172.82	3.05	3.02	99	2.57	84		2	3	1	
172.82	175.87	3.05	3.05	100	2.72	89		2	1	1	
175.87	178.92	3.05	2.90	95	1.96	64		1	3	1	
178.92	181.97	3.05	2.95	97	1.05	34		2	2	3	
181.97	185.01	3.04	2.82	93	1.03	34		2	2	2	
185.01	188.06	3.05	3.00	98	2.90	95		2	3	1	
188.06	191.11	3.05	3.02	99	1.85	61		2	2	1	
191.11	194.16	3.05	2.98	98	1.94	64		2	2	1	
194.16	197.20	3.04	3.05	100	2.73	90		2	3	1	
197.20	200.25	3.05	3.05	100	2.80	92		2	3	1	
200.25	203.30	3.05	3.05	100	2.75	90		2	3	1	
203.30	206.35	3.05	3.04	100	2.70	89		2	3	1	
206.35	209.40	3.05	3.00	98	2.10	69		2	3	1	
209.40	212.45	3.05	3.00	98	2.80	92		2	3	1	
212.45	215.49	3.04	3.05	100	2.70	89		2	3	1	
215.49	218.54	3.05	2.98	98	2.42	79		2	2	1	
218.54	221.59	3.05	3.00	98	1.65	54		2	3	2	
221.59	224.64	3.05	3.05	100	2.80	92		2	3	2	
224.64	227.69	3.05	2.87	94	2.82	92		2	3	1	
227.69	230.73	3.04	3.00	99	3.00	99		2	2	1	
230.73	233.78	3.05	3.02	99	1.90	62		2	2	3	
233.78	236.83	3.05	3.00	98	1.00	33		2	2	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
236.83	239.88	3.05	2.96	97	1.70	56		2	2	2	
239.88	242.93	3.05	3.00	98	2.47	81		2	3	1	
242.93	245.97	3.04	2.98	98	1.79	59		2	3	1	
245.97	249.02	3.05	2.90	95	1.55	51		2	3	1	
249.02	252.07	3.05	2.80	92	2.65	87		2	3	1	
252.07	255.12	3.05	3.02	99	1.96	64		2	3	1	
255.12	258.17	3.05	3.05	100	2.86	94		2	3	1	
258.17	261.21	3.04	3.05	100	1.90	63		2	3	1	
261.21	264.26	3.05	2.84	93	2.10	69		2	2	1	
264.26	267.31	3.05	3.05	100	2.91	95		2	3	1	
267.31	270.36	3.05	2.89	95	2.49	82		2	3	1	
270.36	273.41	3.05	3.00	98	2.20	72		2	3	1	
273.41	276.45	3.04	3.02	99	2.00	66		2	1	1	
276.45	279.50	3.05	3.05	100	1.00	33		2	2	1	
279.50	282.55	3.05	2.90	95	1.80	59		2	1	1	
282.55	285.60	3.05	2.95	97	1.40	46		2	3	1	
285.60	288.64	3.04	2.65	87	1.00	33		2	2	1	
288.64	291.70	3.06	3.05	100	2.25	74		2	1	1	
291.70	294.74	3.04	2.95	97	2.12	70		2	3	1	
294.74	297.79	3.05	3.01	99	2.14	70		2	3	1	
297.79	300.84	3.05	3.05	100	2.18	71		2	2	1	
300.84	303.89	3.05	3.02	99	2.90	95		2	2	1	
303.89	306.93	3.04	2.95	97	2.50	82		2	3	1	
306.93	309.98	3.05	2.90	95	2.12	70		2	1	1	
309.98	313.03	3.05	3.00	98	2.75	90		2	3	1	
313.03	316.08	3.05	3.05	100	2.80	92		2	3	1	
316.08	319.13	3.05	3.00	98	2.80	92		2	3	1	
319.13	322.17	3.04	3.00	99	2.95	97		2	3	1	
322.17	325.22	3.05	3.00	98	2.10	69		2	3	1	
325.22	328.24	3.02	3.00	99	2.20	73		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
328.24	331.32	3.08	2.98	97	2.58	84		2	3	1	
331.32	334.37	3.05	3.00	98	2.60	85		2	3	1	
334.37	337.41	3.04	3.04	100	2.97	98		2	3	1	
337.41	340.46	3.05	2.98	98	2.50	82		2	3	1	
340.46	343.51	3.05	2.96	97	2.11	69		2	3	1	
343.51	346.56	3.05	3.05	100	3.00	98		2	3	1	
346.56	349.61	3.05	3.00	98	2.67	88		2	3	1	
349.61	352.65	3.04	3.00	99	2.41	79		2	3	1	
352.65	355.70	3.05	2.96	97	2.40	79		2	3	1	
355.70	358.75	3.05	2.90	95	2.80	92					
EOH @ 358.75m											

KLAZA

Hole: DDH-KL-12-129 **Tech Name: LIZ BUECKERT ANDJAIMIE** **Date:** **Page of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52	0.00						
1.52	3.05	1.53	0.00						
3.05	4.57	1.52	0.00						
4.57	6.10	1.53	0.00						
6.10	7.62	1.52	0.00						
7.62	9.14	1.52	0.00						
9.14	10.66	1.52	0.00						
10.66	12.19	1.53	0.00						
12.19	13.72	1.53	0.00						
13.72	15.24	1.52	0.00						
15.24	16.76	1.52	0.00						
16.76	18.29	1.53	0.00						
18.29	19.81	1.52	0.00						
19.81	21.33	1.52	0.00						
21.33	24.38	3.05	0.00						
24.38	26.52	2.14	0.00						
26.52	29.57	3.05	75.00	0.66	0.00	3.00	2.00	3.00	
29.57	32.61	3.04	60.00	0.54	0.00	2.00	2.00	2.00	
32.61	35.66	3.05	75.00	0.52	0.00	2.00	2.00	2.00	
35.66	38.71	3.05	60.00	0.63	0.00	3.00	2.00	2.00	
38.71	41.76	3.05	60.00	0.60	0.00	2.00	2.00	2.00	
41.76	44.81	3.05	60.00	0.30	0.00	2.00	2.00		
44.81	47.83	3.02	55.00	0.33	0.00	3.00	2.00	2.00	
47.83	50.91	3.08	60.00	0.70	0.00	2.00	2.00	2.00	
50.91	53.95	3.04	60.00	0.72	0.00	1.00	2.00	2.00	
53.95	57.00	3.05	60.00	0.33	1.00	2.00	2.00		
57.00	60.05	3.05	0.00						
60.05	63.10	3.05	35.00	0.08	0.00	2.00	2.00	1.00	

KLAZA

63.10	66.14	3.04	55.00	0.28	0.00	1.00	2.00	2.00	
66.14	69.14	3.00	45.00	0.82	0.00	1.00	2.00	1.00	
69.14	72.24	3.10	60.00	0.86	0.00	2.00	2.00		
72.24	75.29	3.05	65.00	0.90	0.00	2.00	2.00	1.00	
75.29	78.33	3.04	60.00	1.10	0.00	1.00	2.00	1.00	
78.33	81.38	3.05	60.00	0.54	0.00	2.00	2.00	1.00	
81.38	84.43	3.05	40.00	0.33	0.00	3.00	2.00	1.00	
84.43	87.48	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
87.48	90.53	3.05	55.00	0.43	0.00	2.00	2.00	2.00	
90.53	93.57	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
93.57	96.62	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
96.62	99.67	3.05	60.00	0.55	0.00	2.00	2.00	1.00	
99.67	102.72	3.05	0.00						
102.72	105.77	3.05	50.00	0.10	0.00	2.00	3.00	1.00	
105.77	108.81	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
108.81	111.86	3.05	45.00	0.30	0.00	2.00	2.00	1.00	
111.86	114.91	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
114.91	117.96	3.05	0.00						
117.96	121.01	3.05	60.00	0.97	0.00	2.00	2.00	1.00	
121.01	124.06	3.05	0.00						
124.06	127.11	3.05	0.00						
127.11	130.15	3.04	0.00						
130.15	133.20	3.05	0.00						
133.20	136.25	3.05	60.00	0.52	0.00	3.00	2.00	1.00	
136.25	139.29	3.04	60.00	0.47	0.00	1.00	2.00	1.00	
139.29	142.34	3.05	0.00						
142.34	145.39	3.05	60.00	0.73	0.00	1.00	2.00	1.00	
145.39	148.44	3.05	0.00						
148.44	151.49	3.05	75.00	0.27	0.00	2.00	2.00	1.00	
151.49	154.53	3.04	0.00						
154.53	157.58	3.05	60.00	0.52	0.00	2.00	2.00	1.00	
157.58	160.63	3.05	60.00	0.85	0.00	2.00	2.00	1.00	
160.63	163.67	3.04	60.00	0.95	0.00	2.00	2.00	1.00	
163.67	166.73	3.06	0.00						
166.73	169.77	3.04	0.00						
169.77	172.82	3.05	60.00	0.20	0.00	1.00	2.00	1.00	
172.82	175.87	3.05	60.00	1.40	0.00	2.00	2.00	1.00	
175.87	178.92	3.05	40.00	0.50	0.00	3.00	2.00	1.00	

KLAZA

178.92	181.97	3.05	60.00	0.55	0.00	2.00	2.00	1.00	
181.97	185.01	3.04	0.00						
185.01	188.06	3.05	55.00	0.45	0.00	1.00	2.00	1.00	
188.06	191.11	3.05	45.00	0.35	0.00	2.00	2.00	1.00	
191.11	194.16	3.05	60.00	0.29	0.00	2.00	2.00	1.00	
194.16	197.20	3.04	60.00	0.46	2.00	1.00	2.00	3.00	
197.20	200.25	3.05	0.00						
200.25	203.30	3.05	60.00	0.60	0.00	1.00	1.00	2.00	
203.30	206.35	3.05	60.00	0.67	0.00	1.00	1.00	2.00	
206.35	209.40	3.05	75.00	0.31	0.00	1.00	2.00	1.00	
209.40	212.45	3.05	0.00						
212.45	215.49	3.04	0.00						
215.49	218.54	3.05	0.00						
218.54	221.59	3.05	0.00	0.00	10.00	0.00	0.00	0.00	
221.59	224.64	3.05	25.00	0.39	0.00	3.00	2.00	2.00	
224.64	227.69	3.05	60.00	0.55	0.00	1.00	2.00	1.00	
227.69	230.73	3.04	0.00						
230.73	233.78	3.05	60.00	0.53	0.00	1.00	2.00	1.00	
233.78	236.83	3.05	0.00						
236.83	239.88	3.05	60.00	1.08	5.00	1.00	2.00	2.00	
239.88	242.93	3.05	50.00	0.54	0.00	1.00	2.00	1.00	
242.93	245.97	3.04	0.00						
245.97	249.02	3.05	60.00	0.45	0.00	1.00	2.00	1.00	
249.02	252.07	3.05	55.00	0.27	0.00	1.00	2.00	1.00	
252.07	255.12	3.05	50.00	0.42	0.00	1.00	2.00	1.00	
255.12	258.17	3.05	60.00	0.23	0.00	1.00	2.00	1.00	
258.17	261.21	3.04	55.00	0.12	0.00	2.00	2.00	1.00	
261.21	264.26	3.05	60.00	0.63	0.00	2.00	2.00	1.00	
264.26	267.31	3.05	0.00						
267.31	270.36	3.05	60.00	0.30	0.00	2.00	2.00	1.00	
270.36	273.41	3.05	55.00	0.18	0.00	3.00	2.00	1.00	
273.41	276.45	3.04	60.00	0.42	0.00	2.00	2.00	1.00	
276.45	279.50	3.05	60.00	0.25	0.00	2.00	2.00	1.00	
279.50	282.55	3.05	0.00						
282.55	285.60	3.05	60.00	0.38	0.00	2.00	2.00	1.00	
285.60	288.64	3.04	60.00	0.77	0.00	2.00	2.00	1.00	
288.64	291.70	3.06	0.00						
291.70	294.74	3.04	60.00	0.48	0.00	1.00	1.00	1.00	

KLAZA

294.74	297.79	3.05	0.00						
297.79	300.84	3.05	60.00	0.58	0.00	2.00	2.00	1.00	
300.84	303.89	3.05	75.00	0.22	0.00	1.00	1.00	1.00	
303.89	306.93	3.04	0.00						
306.93	309.98	3.05	0.00						
309.98	313.03	3.05	60.00	0.50	0.00	2.00	2.00	1.00	
313.03	316.08	3.05	0.00						
316.08	319.13	3.05	0.00						
319.13	322.17	3.04	0.00						
322.17	325.22	3.05	60.00	0.24	0.00	1.00	2.00	1.00	
325.22	328.24	3.02	0.00						
328.24	331.32	3.08	60.00	0.30	0.00	2.00	2.00	1.00	
331.32	334.37	3.05	0.00						
334.37	337.41	3.04	60.00	0.87	0.00	1.00	2.00	1.00	
337.41	340.46	3.05	0.00						
340.46	343.51	3.05	0.00						
343.51	346.56	3.05	60.00	0.47	0.00	1.00	2.00	1.00	
346.56	349.61	3.05	0.00						
349.61	352.65	3.04	55.00	0.81	0.00	2.00	2.00	1.00	
352.65	355.70	3.05	0.00						
355.70	358.75	3.05	60.00	0.47	0.00	2.00	2.00	1.00	
	EOH @ 358.75m								

KLAZA

Hole: DDH-KL-12-129 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	2.25	
2.00	1.64	
3.00	1.20	
4.00	2.63	
5.00	1.50	
6.00	4.15	
7.00	1.75	
8.00	2.21	
9.00	6.77	
10.00	1.20	
11.00	2.72	
12.00	2.48	
13.00	1.00	
14.00	2.30	
15.00	2.59	
16.00	2.54	
17.00	0.21	
18.00	0.31	
19.00	0.07	
20.00	0.10	
21.00	0.32	
22.00	0.07	
23.00	0.27	
24.00	0.32	
25.00	0.42	
26.00	0.16	
27.00	0.17	
28.00	0.34	
29.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.18	
31.00	1.39	
32.00	1.22	
33.00	4.22	
34.00	1.29	
35.00	1.20	
36.00	0.18	
37.00	0.22	
38.00	0.14	
39.00	0.10	
40.00	0.27	
41.00	0.07	
42.00	0.31	
43.00	0.07	
44.00	0.25	
45.00	0.58	
46.00	0.18	
47.00	0.21	
48.00	0.16	
49.00	0.20	
50.00	0.10	
51.00	0.38	
52.00	0.62	
53.00	0.21	
54.00	0.40	
55.00	0.10	
56.00	0.09	
57.00	0.14	
58.00	0.38	
59.00	0.27	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.17	
61.00	0.25	
62.00	0.16	
63.00	0.34	
64.00	0.16	
65.00	0.18	
66.00	3.11	
67.00	0.18	
68.00	3.38	
69.00	14.40	
70.00	11.70	
71.00	16.60	
72.00	15.50	
73.00	13.30	
74.00	13.20	
75.00	2.45	
76.00	8.58	
77.00	16.70	
78.00	1.28	
79.00	2.30	
80.00	0.14	
81.00	2.69	
82.00	2.08	
83.00	0.20	
84.00	1.66	
85.00	2.63	
86.00	4.59	
87.00	0.39	
88.00	0.38	
89.00	0.70	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.29	
91.00	0.25	
92.00	0.36	
93.00	7.68	
94.00	5.59	
95.00	2.70	
96.00	6.16	
97.00	7.88	
98.00	9.13	
99.00	8.87	
100.00	6.42	
101.00	4.22	
102.00	0.21	
103.00	7.94	
104.00	0.53	
105.00	0.73	
106.00	0.21	
107.00	12.60	
108.00	4.62	
109.00	11.00	
110.00	14.50	
111.00	5.17	
112.00	11.20	
113.00	6.80	
114.00	4.30	
115.00	12.20	
116.00	5.89	
117.00	8.83	
118.00	0.80	
119.00	15.00	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	9.18	
121.00	10.01	
122.00	9.86	
123.00	12.50	
124.00	18.80	
125.00	16.90	
126.00	17.60	
127.00	18.01	
128.00	6.13	
129.00	13.80	
130.00	4.15	
131.00	10.70	
132.00	1.67	
133.00	2.83	
134.00	2.10	
135.00	0.31	
136.00	0.36	
137.00	2.36	
138.00	15.90	
139.00	10.30	
140.00	8.38	
141.00	14.50	
142.00	14.00	
143.00	7.90	
144.00	12.70	
145.00	2.78	
146.00	2.30	
147.00	12.01	
148.00	13.40	
149.00	14.60	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	15.00	
151.00	19.00	
152.00	7.11	
153.00	6.93	
154.00	9.02	
155.00	14.50	
156.00	0.69	
157.00	13.90	
158.00	0.09	
159.00	0.47	
160.00	9.86	
161.00	6.14	
162.00	1.20	
163.00	0.31	
164.00	0.14	
165.00	12.70	
166.00	0.03	
167.00	0.40	
168.00	0.25	
169.00	9.82	
170.00	14.90	
171.00	11.20	
172.00	10.20	
173.00	8.00	
174.00	12.50	
175.00	9.35	
176.00	10.10	
177.00	0.47	
178.00	0.23	
179.00	0.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.29	
181.00	0.07	
182.00	0.09	
183.00	0.25	
184.00	5.08	
185.00	4.50	
186.00	2.08	
187.00	1.90	
188.00	0.25	
189.00	0.14	
190.00	0.16	
191.00	0.10	
192.00	0.03	
193.00	0.16	
194.00	1.93	
195.00	2.45	
196.00	10.20	
197.00	0.76	
198.00	1.15	
199.00	0.12	
200.00	0.76	
201.00	9.90	
202.00	13.00	
203.00	8.27	
204.00	7.02	
205.00	7.66	
206.00	0.76	
207.00	3.45	
208.00	15.20	
209.00	17.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.58	
211.00	0.51	
212.00	0.32	
213.00	0.09	
214.00	0.42	
215.00	1.57	
216.00	0.27	
217.00	0.40	
218.00	0.01	
219.00	0.10	
220.00	0.12	
221.00	0.42	
222.00	0.56	
223.00	0.60	
224.00	7.30	
225.00	4.46	
226.00	0.71	
227.00	2.47	
228.00	9.69	
229.00	9.42	
230.00	12.70	
231.00	0.21	
232.00	8.52	
233.00	0.42	
234.00	6.97	
235.00	13.80	
236.00	3.47	
237.00	9.75	
238.00	0.29	
239.00	0.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.40	
241.00	0.10	
242.00	0.20	
243.00	0.21	
244.00	3.25	
245.00	0.36	
246.00	0.01	
247.00	0.20	
248.00	0.36	
249.00	0.45	
250.00	0.45	
251.00	0.34	
252.00	0.62	
253.00	0.29	
254.00	1.07	
255.00	3.47	
256.00	3.09	
257.00	21.30	
258.00	1.70	
259.00	0.34	
260.00	0.21	
261.00	0.56	
262.00	0.76	
263.00	0.25	
264.00	0.62	
265.00	0.43	
266.00	0.67	
267.00	0.65	
268.00	0.21	
269.00	0.20	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	0.31	
271.00	0.14	
272.00	0.45	
273.00	0.27	
274.00	0.27	
275.00	0.23	
276.00	0.29	
277.00	0.27	
278.00	0.43	
279.00	0.16	
280.00	0.18	
281.00	0.14	
282.00	0.40	
283.00	0.27	
284.00	0.14	
285.00	0.14	
286.00	0.14	
287.00	0.51	
288.00	1.29	
289.00	0.82	
290.00	0.67	
291.00	0.40	
292.00	0.34	
293.00	0.23	
294.00	0.47	
295.00	0.51	
296.00	0.49	
297.00	0.18	
298.00	0.29	
299.00	0.62	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.25	
301.00	0.10	
302.00	0.14	
303.00	0.14	
304.00	0.27	
305.00	0.36	
306.00	0.10	
307.00	0.03	
308.00	0.09	
309.00	0.16	
310.00	15.70	
311.00	9.95	
312.00	3.58	
313.00	0.43	
314.00	4.61	
315.00	9.90	
316.00	12.30	
317.00	2.21	
318.00	2.12	
319.00	9.57	
320.00	13.90	
321.00	13.60	
322.00	7.22	
323.00	13.30	
324.00	12.01	
325.00	10.00	
326.00	8.01	
327.00	7.88	
328.00	9.33	
329.00	3.86	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	5.34	
331.00	2.08	
332.00	11.01	
333.00	10.20	
334.00	10.60	
335.00	1.30	
336.00	1.26	
337.00	1.83	
338.00	11.10	
339.00	3.16	
340.00	0.32	
341.00	6.27	
342.00	3.73	
343.00	15.70	
344.00	5.12	
345.00	10.40	
346.00	14.70	
347.00	10.70	
348.00	0.27	
349.00	0.42	
350.00	0.01	
351.00	1.20	
352.00	5.74	
353.00	16.70	
354.00	15.40	
355.00	16.50	
356.00	0.42	
357.00	14.90	
358.00	7.17	
	EOH @ 358.75m	

KLAZA

Hole: **DDH-KL-12-129** **Date:**

Box #	From (m)	To (m)
1	0.00	4.00
2	4.00	9.35
3	9.35	14.30
4	14.30	18.90
5	18.90	23.25
6	23.25	24.38
7	24.38	30.30
8	30.30	35.95
9	35.95	41.55
10	41.55	47.15
11	47.15	52.70
12	52.70	58.26
13	58.26	63.98
14	63.98	69.70
15	69.70	72.25
16	72.25	81.16
17	81.16	86.98
18	86.98	92.82
19	92.82	98.80
20	98.80	104.74
21	104.74	110.08
22	110.08	116.64
23	116.64	122.46
24	122.46	128.45
25	128.45	134.15
26	134.15	139.73
27	139.73	145.60
28	145.60	151.49
29	151.49	157.08

KLAZA

30	157.08	168.65
31	168.65	169.27
32	169.27	174.08
33	174.08	179.97
34	179.97	185.64
35	185.64	191.11
36	191.11	196.96
37	196.96	202.45
38	202.45	208.10
39	208.10	213.87
40	213.87	219.50
41	219.50	225.26
42	225.26	231.25
43	231.25	237.10
44	237.10	243.07
45	243.07	248.94
46	248.94	254.65
47	254.65	260.26
48	260.26	265.92
49	265.92	271.84
50	271.84	277.25
51	277.25	282.55
52	282.55	288.34
53	288.34	293.95
54	293.95	299.45
55	299.45	304.90
56	304.90	310.85
57	310.85	317.00
58	317.00	323.40
59	323.40	328.54
60	328.54	334.37
61	334.37	340.12
62	340.12	346.10
63	346.10	352.00
64	352.00	357.80
65	357.80	358.75
	EOH @ 358.75m	

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382818.16	6888735	1389.851	383.13

ZONE: DICKSON

SECTION: KL-12-130

HOLE: KL-12-130

CLAIM:

Contractor:

Drill: A5

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates:

TARGET:

Geology logged by: G. Wolff

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
20.4216	36.8	-50.5	Ranger	188.0616	39	-51.1	Ranger
66.1416	38.4	-50.8	Ranger	218.5416	39.6	-51.1	Ranger
96.6216	36.3	-51	Ranger	279.5016	41.6	-51.4	Ranger
142.3416	39.8	-51.1	Ranger	325.2216	42.6	-51.4	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.96	3.96	OVB	Oxidized rubble, fragments of unaltered granodiorite.
3.96	10.25	6.29	FEL	Quartz feldspar porphyry dyke.
10.25	153.80	143.55	GRD	Silicious argillic and phyllic altered granodiorite. Zone
				of intense alteration associated with strong quartz
				veining hosting semi-massive to disseminated sulphi
153.80	156.38	2.58	FEL	Quartz feldspar porphyry dyke.
156.38	228.68	72.30	GRD	Strongly phyllic and argillic altered granodiorite. Zone
				of sericitic alteration mostly around mineralized
				stringers and veinlets. Disseminated pyrite in some
				areas.
228.68	349.5	120.82	GRD/FEL	Alternating quartz feldspar porphyry dykes and
				strongly altered granodioirte hosting mineralized vein
				and veinlets.
349.5	368.5	19	VEN	Intense phyllic alteration around quartz veins hosting
				galena, sphalerite, pyrite and chalcopyrite.
368.5	383.13	14.63	GRD	Silicious weak to moderately altered granodiorite.
				EOH at 383.13 m

SAMPLES

Numbers: M359893 - M360137

Total: 245

Batch: 130-1 to 130-7

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: KL-12-130 **Logger Name:** G. Wolff **Date: September 8, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	3.96	3.96					OVB			OR	RB	5									Oxidized rubble, fragments of unaltered granodiorite and oxidized quartz feldspar porphyry dyke.
3.96	10.25	6.29				LKqP	FEL		LT	GY	MO	4									Quartz feldspar porphyry dyke, strongly oxidized. Grey. Clay alteration of phenocrysts. Strongly oxidized carbonate stringers (6/m).
10.25	13.35	3.10				mKgW	GRD	MG	LT	GN	MO	OXI		ARG	2	1		Gn	1		Argillic altered granodiorite, overprinted by phyllic alteration. Moderate to intense quartz vein hosting pyrite and galena. Orange oxidation and gouge on most fractures. Patchy oxidation. Milky carbonate stringers present.
														PHI	4						
13.35	26.95	13.60				mKgW	GRD	MG	MD	GY	PA	2	2	PRO	2	1					Silica flooded, unaltered to moderate propylitic altered granodiorite. Patchy phyllic envelopes around crosscutting pyrite-bearing veinlets. Orange oxidation on alteration fractures. Oxidized carbonate stringers.
														PHI	1						
26.95	47.72	20.77				mKgW	GRD	MG	LT	GN	PA	1	2	ARG	3	1					Argillic altered granodiorite, overprinted by patchy phyllic alteration. Mottled pink overprinting. Phyllic alteration is the strongest around variable quartz/carbonate veinlets.
										WH	MO			PHI	4						
47.72	50.70	2.98				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	1					Silicious, propylitic altered granodiorite grading to argillic and phyllic altered envelopes around pyrite bearing quartz vein with intense phyllic selvages.
									LT	GN											
50.70	60.10	9.40				mKgW	GRD	MG	LT	GN	PA			PHI	4	1					Patchy propylitic alteration overprinting argillic alteration with patches of propylitic alteration. Lightly mineralized quartz veinlets and stringers.
														ARG	3						
														PRO	1						
60.10	80.61	20.51				mKgW	GRD	MG	OR	GN	MA		2	PRO	2	1					Weak to moderate propylitic altered granodiorite with narrow phyllic altered envelopes around weakly mineralized veinlets.
									MD	GY				PHI	1						
80.61	81.78	1.17				mKgW	GRD	MG	VT	GN	EN			PHI	4	1					Phyllic alteration overprinting argillic alteration, strongest phyllic around pyrite mineralized veinlets.
														ARG	2						
81.78	94.78	13.00				mKgW	GRD	MG	DK	GN	MA		2	PRO	3	1					Phyllic alteration overprinting argillic alteration, strongest phyllic around pyrite mineralized veinlets.
														PHI	1						
94.78	96.78	2.00				mKgW	GRD	MG	LT	GN	EN			ARG	3	1					Phyllic alteration overprinting argillic alteration near mineralized veinlets.
														PHI	4						
96.78	110.69	13.91				mKgW	GRD	MG	DK	GN	MA		2	PRO	3	1					Phyllic alteration overprinting argillic alteration near mineralized veinlets.
														PHI	1						
110.69	111.74	1.05				mKgW	GRD	MG	LT	GN			2	PHI	4	1		Gn	1		Phyllic alteration envelopes around galena and pyrite mineralized quartz flooded zone. Swollen argillic alteration at edges.
														ARG	2						
111.74	129.53	17.79				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1					Silicious, propylitic altered granodiorite with patches of swollen argillic altered zones and patchy propylitic envelopes around weakly pyrite mineralized veins and veinlets. Milky carbonate stringers present.
														PHI	1						
														ARG	1						
129.53	133.38	3.85				mKgW	GRD	MG	LT	GN	EN			ARG	3	1					Argillic altered granodiorite with phyllic altered overprinted envelopes encompassing weakly mineralized quartz veins and veinlets.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PHI	4						
133.38	149.24	15.86				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1					Argillic altered granodiorite with phyllic altered overprinted envelopes encompassing weakly mineralized quartz veins and veinlets.
														PHI	1						
														ARG	1						
			140.48	141.66	1.18	mKgW	GRD	MG	LT	GN	EN			ARG	2	1					Phyllic altered envelope overprinting argillic alteration encompassing poorly mineralized quartz vein.
														PHI	4						
149.24	153.80	4.56				mKgW	GRD	MG	LT	GN	EN			PHI	4	3					Phyllic altered granodiorite overprinting argillic alteration at edges. Strong phyllic to intense phyllic alteration around massively mineralized clear to smoky quartz veins.
														ARG	2						
153.80	156.38	2.58				LKqP	FEL		LT	GN	PO					5					Light green/tan to dark green/black quartz feldspar porphyry dyke. Black at contacts with granodiorite hand hosting massive pyrite mineralization overprinting contacts. Irregular netted carbonate stringers and veinlets. Chlorite phenocrysts present.
									DK	GN											
156.38	157.82	1.44				mKgW	GRD	MG	LT	GN	EN			PHI	4	3					Phyllic altered granodiorite, intense around crosscutting mineralized quartz veinlets.
157.82	165.60	7.78				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1					Moderate propylitic altered granodiorite with patchy phyllic alteration around crosscutting veinlets.
														PHI	1						
165.60	167.25	1.65				mKgW	GRD	MG	LT	GN	EN			PHI	4	2					Phyllic altered granodiorite encompassing pyrite bearing stringers and veinlets.
167.25	168.95	1.70				LKqP	FEL		VT	GN	PO										Green quartz feldspar prophyry dyke, green alteration of phenocrysts. Crosscut by carbonate stringers.
168.95	182.00	13.05				mKgW	GRD	MG	LT	GN	PA		1	PHI	4	1					Patchy phyllic overprinting in propylitic altered granodiorite.
														PRO	2						
182.00	184.41	2.41				mKgW	GRD	MG	DK	GN			2	PRO	4	1					Propylitic altered, silica flooded granodiorite. Trace phyllic altered overprinting.
														PHI	1						
184.41	188.99	4.58				mKgW	GRD	MG	LT	GN	PA			PRO	2	1					Patchy phyllic altered overprinting of weak to moderate propylitic altered granodiorite. Phyllic alteration strongest around mineralized veins and veinlets.
									DK	GN				PHI	4						
188.99	198.60	9.61					MAF		DK	GN						5					Mafic, magnetic dyke crosscut by mineralized veinlets and stringers hosting disseminated pyrite. Dyke grades to felsic in some zones. Light phenocrysts in patches.
									LT	GN											
198.60	207.25	8.65				mKgW	GRD	MG	LT	GN	PA			PHI	4	2					Strong to intense phyllic altered granodiorite with patchy argillic underprinting. Most intense phyllic alteration around quartz veinlets near upper contact. Patchy sericite alteration around mineralized stringers.
														ARG	1						
														SER	2						
207.25	209.40	2.15				mKgW	GRD	MG	LT	GN	PA			PRO	4	2					Propylitic to phyllic altered envelopes around weakly mineralized veinlets.
									DK	GN	EN			PHI	3						
209.40	216.73	7.33				mKgW	GRD	MG	LT	GN	PA			PRO	1	1					Argillic altered granodiorite with patchy phyllic overprinting, weak to strong around moderately mineralized veinlets and narrow veins. Trace patchy propylitic alteration.
										WH				ARG	3						
														PHI	4						

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
216.73	227.10	10.37				mKgW	GRD	MG	DK	GN			2	PRO	4	1					Silicious propylitic altered granodiorite with patchy argillic to phyllic alteration envelopes around poorly mineralized veinlets and pyrite stringers (3/m). 55 degrees TCA>
									LT	GN	PA			PHI	2						
														ARG	1						
227.10	228.68	1.58				mKgW	GRD	MG	LT	GN	GO			ARG	3	1					Argillic altered granodiorite with phyllic overprinting. Patchy gouge.
														PHI	4						
228.68	248.64	19.96				LKqP	FEL		LT	GO	PA		1								Green quartz feldspar porphyry dyke. Variably silicious. Gouge near contacts with granodiorite. Green clay altered phenocrysts. Dyke crosscut by carbonate stringers with gouge at varying orientations. Grades to dark green down hole.
248.64	249.55	0.91				mKgW	GRD	MG	LT	GN	GO			PHI	4	3					Strong to intense phyllic altered granodiorite, gouge at contact with quartz feldspar porphyry dyke hosts quartz/pyrite veins and veinlets.
									MD	GY											
249.55	257.65	8.10				LKqP	FEL		LT	GN	PO		1								Light green/grey quartz feldspar porphyry dyke. Grey and lightly quartz flooded for 1.5 m near upper granodiorite contact. Phenocrysts size increases down interval.
									LT	GY											
257.65	262.92	5.27				mKgW	GRD	MG	LT	GO	PA			PHI	4	2					Strong to intense phyllic altered granodiorite with patches of propylitic alteration encompassing several moderately mineralized zones with quartz veining and pyrite. Mottled red/orange at upper contact.
											MO			PRO	2						
														SER	2						
262.92	270.09	7.17				mKgW	GRD	MG	DK	GN	PA		2	PRO	4	1		Cp	1		Silica flooded, propylitic altered granodiorite with patchy argillic alteration overprinted by phyllic alteration. Crosscut by poorly mineralized veinlets.
									LT	GN				PHI	2						
														ARG	1						
270.09	271.82	1.73				mKgW	GRD	MG	LT	GN	EN			PHI	4	3					Moderate to intense phyllic granodiorite encompassing well mineralized quartz veins at contact with quartz feldspar porphyry dyke.
271.82	280.15	8.33				LKqP	FEL		LT	GN	PO										much less grey than green coloured quartz feldspar porphyry dyke. Green clay alteration of feldspars. 5 % grey quartz eyes.
280.15	284.13	3.98				mKgW	GRD	MG	LT	GN	GO			PRO	1	2					Phyllic altered granodiorite with lightly gouged patches at upper contact with quartz feldspar porphyry dyke. Patchy strong propylitic alteration.
														PHI	4						
284.13	288.28	4.15				mKgW	GRD	MG	LT	GN	PA		2	PRO	1	1					Silicious granodiorite, phyllic altered with patchy traces of propylitic alteration underprinted.
														PHI	4						
288.28	302.65	14.37				LKqP	FEL		LT	GN	PO		1								Light brown/green quartzfeldspar porphyry dyke with mottled dark green patches. Clay and chlorite alteration of phenocrysts. Gougy carbonate stringers and veinlets (50-60 degrees TCA) Irregular, fine black stringers, 40 degrees TCA , 2/m. moderate silica flooding for 50 cm before lower contact.
									LT	EN	MO										
302.65	310.73	8.08				mKgW	GRD	MG	LT	GN	PA		3	PRO	1	2					Silicious, phyllic altered granodiorite. Phyllic alteration overprints propylitic alteration with propylitic patches visable.
														PHI	4						
310.73	318.68	7.95				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	1					Silicious, propylitic altered granodiorite with patches of phyllic overprinting.
									LT	GN				PHI	2						
318.68	321.6	2.92				mKgW	GRD	MG	LT	GN	EN		2	PHI	4	1					Phyllic alteration envelope encompassing moderately mineralized quartz veins with intense phyllic altered selvages.

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
321.6	326.34	4.74				mKgW	GRD	MG	DK	GN			2	PRO	4	1					Silicious, propylitic altered granodiorite with patchy phyllic overprint around poorly mineralized veins and veinlets. Irregular milky quartz-carbonate veinlets present, unmineralized.
									LT	GN	PA			PHI	2						
326.34	341.7	15.36				mKgW	GRD	MG	LT	GN	PA			PRO	1	2					Argillic granodiorite with patchy light to intense phylllic alteration overprinting. Intense phyllic alteration around moderately mineralized quartz veins and veinlets. Trace propylitic alteration.
										WH				ARG	4						
														PHI	3						
341.7	349.5	7.80				LKqP	FEL		LT	GN	PO		2								Light grey/green quartz feldspar porphyry dyke. Lightly silica flooded, moderate near contacts with granodiorite. Light green clay alteration of phenocrysts. Crosscut by gouge/carbonate stringers.
349.5	368.5	19.00				mKgW	GRD	MG	LT	GN	PA		2	PRO	1	3	1	Sph	1		Moderate to intense phyllic altered granodiorite around crosscutting quartz veins and veinlets hosting pyrite, sphalerite, galena and arsenopyrite. Patchy propylitic alteration. Gouge patches present.
														PHI	4			Gn	1		
																		Cp	1		
368.5	371.47	2.97				mKgW	GRD	MG	DK	GN	PA		3	PHI	1	1					Silicious propylitic altered granodiorite with patchy light phyllic altered overprinting. Disseminated pyrite present at contact with dyke.
														PRO	4						
371.47	378.37	6.90				LKqP	FEL		LT	GN	PO		2								Light silica flooding. Grey/green quartz feldspar porphyry dyke. Very fine grained to fine grained phenocrysts. Irregular carbonate stringers. Sericite alteration of feldspars.
									LT	GY											
378.37	380.46	2.09				mKgW	GRD	MG	LT	GN	PA		2	PHI	4	1					Phyllic alteration envelope at dyke contact. Milky quartz-carbonate stringers present. Irregular crosscutting pyrite stringers.
380.46	383.13	2.67				mKgW	GRD	MG	DK	GN			2	PRO	3	1					Silica flooded, propylitic altered granodiorite with phyllic altered overprinting around minor pyrite stringers.
									LT	GN	PA			PHI	2						
																					EOH @ 383.13 m

KLAZA

Hole: KL-12-130 **Logger Name: G. Wolff**

Depth (m)		DESCRIPTION
10.25 m	70 degrees TCA	Contact between grey quartz feldspar porphyry dyke and phyllic altered granodiorite. 4 cm of grey gouge at contact.
153.80 m		approximate contact between intense phyllic altered, silicious granodiorite and black/dark green quartz feldspar porphyry dyke. Contact obscured by massive pyrite mineralization.
156.38 m		Approximate contact between black/dark green quartz feldspar porphyry dyke and intense phyllic altered granodiorite. Contact obscured by massive pyrite mineralization.
167.25 m	30 degrees TCA	rubbly contact between phyllic altered granodiorite and green quartz feldspar porphyry dyke.
168.95 m	70 degrees TCA	Gougy sharp contact between light green quartz feldspar porphyry dyke and phyllic altered granodiorite.
188.99 m	50 degrees TCA	very sharp contact between phyllic altered granodiorite and dark green mafic dyke.
198.60 m	70 degrees TCA	Undulating contact between dark green mafic dyke and phyllic altered granodiorite.
228.68 m	75 degrees TCA	sharp contact between phyllic altered granodiorite and green quartz feldspar porphyry dyke. Light gouge contact. Rock on either side of contact is moderately
248.64 m		Irregular contact between quartz feldspar porphyry dyke and phyllic altered granodiorite. Contact coated with green gouge.
249.55 m	75 degrees TCA	gouge contact between phyllic altered granodiorite and grey lightly silicious quartz feldspar porphyry dyke.
257.65 m	50 degrees TCA	sharp contact between grey quartz feldspar porphyry dyke and mottled red or green phyllic altered granodiorite. Mottled for 20 cm past contact.
271.82 m	60 degrees TCA	moderately sharp contact between lightly gouged phyllic altered granodiorite and grey/green quartz feldspar porphyry dyke with orange coloured overprinting.

KLAZA

Depth (m)		DESCRIPTION	
280.15 m		60 degrees TCA	Sharp contact between light green quartz feldspar porphyry dyke and light green gougy phyllic altered granodiorite.
288.28 m		70 degrees TCA	Fractured contact between phyllic altered granodiorite and green quartz feldspar porphyry dyke.
302.65 m		30-60 degrees TCA	Swirly contact between silicious brown/green quartz feldspar porphyry dyke and silicious phyllic altered granodiorite. Breccia zone at contact (22 cm wide) with mixing of granodiorite and quartz feldspar porphyry dyke. Disseminated blebby pyrite in breccia.
341.70 m		70 degrees TCA	Contact between smoky pyrite bearing quartz vein with intense phyllic altered selvages and light green quartz feldspar porphyry dyke. Contact offset by black carbonate stringer.
349.50 m		50 degrees TCA	sharp contact between quartz feldspar porphyry dyke and phyllic altered granodiorite. Gouge on contact.
371.47 m		75 degrees TCA	gougy contact between phyllic altered granodiorite with disseminated pyrite and grey/green quartz feldspar porphyry dyke, lightly bleached.
378.37 m			Rubbly contact between quartz feldspar porphyry dyke and lightly silica flooded, phyllic altered granodiorite.
EOH			

KLAZA

Hole: KL-12-130 **Logger Name:** G. Wolff **Date:** September 8, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Go	10.25	10.31	0.06	55					Grey oxidized gouge at contact between quartz feldspar porphyry dyke and granodiorite.	
Vt	10.48	10.50	0.02	70			Py	2.00	Braided milky to grey quartz veinlet, oxidized, host fine disseminated pyrite.	
Go	10.55	10.59	0.04	75					Orange and white oxidized gouge.	
Vt	11.04	11.28	0.24	65		2	Py	20.00	Irregular braided milky, oxidized quartz veinlet with disseminated pyrite and associated pyrite stringers.	
Go	11.79	11.88	0.09	60					Orange and white oxidized gouge with vuggy oxidized stringers associated.	
Vn	12.23	12.36	0.13	45			Py	15.00	Crustiform quartz vein, milky in center and smoky at edges. Irregular bands of blebby pyrite and fine grained, intensely phylli altered selvages. Oxidized on fractures.	
							Gn	5.00		
St	12.57	12.84	0.27	35		3	Py	80.00	Smoky quartz and fine grained pyrite stringers at 30-40 degrees TCA.	
Vn	13.00	13.08	0.08	50			Py	10.00	Smoky quartz vein with irregular milky quartz-carbonate stringers and blebby pyrite.	
Vt	13.58	14.95	1.37	40		5	Py	20.00	Smoky quartz veinlets with stringy pyrite.	
St	15.09	15.66	0.57	50		4	Py	15.00	Quartz stringers hosting stringy pyrite with calcite selvages.	
Vn	16.58	16.68	0.10	40			Py	15.00	2 cm smoky quartz-carbonate vein hosting blebby pyrite bands.	
Vn	18.46	18.49	0.03	60					1 cm smoky to milky irregular banded quartz-carbonate vein.	
Vt	19.89	19.91	0.02	50					Milky quartz-carbonate veinlet branching.	
Vn	22.26	22.41	0.15	40		2	Py	15.00	Branching irregular smoky quartz veins with disseminated blebby pyrite associated pervasive pyrite in phyllic altered selvages.	
St	25.97	32.02	6.05	50		3	Py	90.00	Pyrite stringers. Irregular, minor carbonate.	
Vt	32.08	32.83	0.75	60		2			Milky quartz carbonate veinlets	
St	33.03	34.52	1.49	50		16	Py	95.00	Pyrite stringers predominantly 50 degrees TCA. Minor netting, carbonate present.	
Vn	35.08	35.11	0.03	60			Py	15.00	2 cm smoky quartz vein hosting blebby pyrite band.	
St	35.15	39.43	4.28	50		23	Py	80.00	Pyrite/quartz stringers predominantly 50 degrees TCA. Smoky quartz/intensely phyllic altered selvages.	
Vt	37.94	38.08	0.14	50		4			Braided branching, irregular milky quartz veinlets.	
Vn	40.72	41.03	0.31	65			Py	15.00	Quartz/faulted region with smoky quartz veining, irregular milky quartz bands and stringy to blebby pyrite bands. Strong to intense phyllic altered selvages with associated pyrite stringers.	
Vt	41.81	43.08	1.27	60		12	Py	10.00	Milky quartz veinlets in phyllic altered envelope with pyrite along rim and associated pyrite stringers.	
Go	43.36	43.40	0.04	70					Light grey gouge vein.	
Vn	43.83	43.94	0.11	50			Py	10.00	Milky quartz vein with band of grey quartz (6 cm). Blebby pyrite present. Intense phyllic altered envelope. Irregular pyrite and quartz-carbonate stringers in envelope.	
Vn	44.36	44.79	0.43	60			Py	30.00	Intense phyllic altered silicious hooded zone, smoky quartz and semi-massive pyrite. 2 vuggy milky quartz veinlets.	
Vt	45.10	50.70	5.60	50		14			Milky, irregular quartz stringers, 50 degrees TCA.	
Vt	45.33	45.56	0.23	50		2	Py	10.00	2 smoky to white quartz veinlets with disseminated pyrite.	
Go	46.89	46.95	0.06	40					smoky, grey gouge veinlet.	
Vn	48.85	48.95	0.10	50			Py	5.00	Crustiform, milky to clear banded quartz vein with blebby pyrite and coarse tourmaline hosted in intensely phyllic altered envelope with associated pyrite stringers. 5 cm vein.	
							To	1.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	51.95	52.10	0.15	60			Py	20.00	Crustiform, clear to smoky quartz vein with milky band at edge. Irregular bands of blebby to semi-massive pyrite.	
Vn	52.20	52.51	0.31	70			Py	5.00	Gougy oxidized smoky quartz vein.	
St	52.55	52.63	0.08	60		7	Py	99.00	pyrite stringers with phyllic altered selvages	
Vt	53.24	53.26	0.02	60			Py	40.00	Smoky to milky quartz veinlet hosting blebby pyrite. Intensely phyllic altered selvages.	
Vt	54.10			55		8/m	Py	5.00	Milky quartz veinlets hosting disseminated pyrite.	
Vn	54.00	54.05	0.05	70			Py	5.00	Gougy, smoky quartz vein hosting blebby pyrite.	
Vt	54.27	54.32	0.05	45		2	Py	5.00	smoky to milky quartz veinlets. Disseminated pyrite.	
Vn	59.18	59.24	0.06	65			Py	10.00	Smoky, gougy quartz vein with disseminated pyrite and associated pyrite stringers.	
St	59.80	153.80	94.00			3/m	Py	99.00	Pyrite stringers, 3/m, varying orientations.	
Vn	60.10	60.20	0.10	75			Py	10.00	Quartz vein,smoky and gougy veinlet edges. Bands of milky quartz with disseminated to stringy pyrite and fine disseminated galena.	
							Gn	2.00		
Vn	62.03	62.05	0.02	70			Py	60.00	Smoky 1 cm quartz vein hosting blebby pyrite.	
St	65.65	65.90	0.25	15			Py	80.00	Discontinuous pyrite stringers with quartz.	
Vn	68.99	69.03	0.04	55			Py	2.00	milky quartz vein with disseminated pyrite.	
Vt	72.70	72.75	0.05	40			Py	15.00	Smoky quartz veinlet with blebby pyrite.	
Vt	73.63	73.93	0.30	60		2	Py	10.00	Smoky quartz veinlets hosting stringy pyrite.	
St	76.80	77.68	0.88	20			Py	99.00	Irregular pyrite stringers.	
Vn	80.08	80.23	0.15	70			Py	5.00	Smoky, gougy quartz vein hosting disseminated pyrite. Associated with clear netted quartz veinlets and stringers.	
Vn	84.00	86.19	2.19	55		2	Py	3.00	Milky to smoky 1 cm quartz veins hosting blebby to fine pyrite.	
Vt	88.84	92.12	3.28	45		5	Py	1.00	Milky quartz-carbonate veinlets. Trace disseminated pyrite.	
Vn	89.15	89.25	0.10	60			Py	2.00	Milky to grey and pink chalcedony/quartz vein. Irregular bands of fine disseminated pyrite.	
Vn	92.64	92.68	0.04	70					Milky calcite/quartz vein.	
Vt	93.44	96.71	3.27	65		5	Py	1.00	Milky quartz carbonate veinlets. Fine pyrite present.	
Vt	93.74	93.76	0.02	70			Py	5.00	Smoky to milky quartz veinlet with disseminated pyrite. Associated fine black stringers.	
Vn	96.13	96.16	0.03	75			Py	35.00	Milky quartz vein, 1 cm, hosting blebby pyrite.	
Vn	96.40	96.45	0.05	40					Milky calcite/quartz vein.	
Vt	101.38	103.80	2.42	50		6	Py	15.00	Smoky to milky quartz stringers hosting blebby to stringy pyrite.	
Vn	105.88	105.92	0.04	70			Py	15.00	4 cm milky to smoky quartz-carbonate. Crustiform. Milky, comb quartz band and irregular smoky band hosting blebby pyrite.	
Dk	108.90	109.25	0.35	70					Pink/brown aplite dyke, crosscut by pyrite and carbonate stringers.	
Dk	110.00	110.02	0.02	75					1 cm red aplite dyke.	
Vn	111.02	111.11	0.09	65			Py	5.00	Crustiform, irregular milky to grey quartz, colloform bands at edge. Fine pyrite and galena infilling vugs. Associated irregular milky quartz stringers crosscutting low angle pyrite stringers.	
							Gn	5.00		

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vt	111.25	114.40	3.15	65		4	Py	5.00	Milky quartz veinlets with smoky rims hosting disseminated pyrite.	
Vn	119.09	119.35	0.26	70		2			two smoky quartz veins hosting blebby pyrite, intensely phyllic altered selvages with associated pyrite stringers.	
Vn	121.13	121.15	0.02	70			Py	3.00	1.3 cm pink quartz vein hosting blebby to stringy pyrite in smoky rims.	
Vt	127.37	127.41	0.04	75		3			Branching milky carbonate veinlets.	
Vn	129.06	129.09	0.03	60			Py	2.00	Grey quartz vein, 2 cm, with disseminated pyrite along rims.	
St	129.01	129.19	0.18	40		2	Py	10.00	Grey quartz stringers with blebby pyrite.	
Vt	129.70	131.25	1.55	65		12	Py	15.00	grey, vuggy quartz veinlets hosting blebby to stringy pyrite.	
Vn	130.20	130.31	0.11	60			Py	5.00	Clear to milky to grey crustiform quartz vein hosting blebby pyrite. Gouge at lower edge. Minor pits.	
Vn	130.42	130.45	0.03	70					Irregular milky carbonate-quartz vein, branching.	
Vn	132.28	132.31	0.03	40			Py	3.00	Grey quartz vein with blebby pyrite at rims.	
Vn	132.40	132.58	0.18	50			Py	10.00	Crustiform quartz vein, grey chalcedony to milky quartz with disseminated blebby pyrite.	
Vn	133.08	133.21	0.13	20			Py	5.00	Smoky, gouge quartz vein hosting stringy pyrite.	
Vt	134.78	134.83	0.05	45			Py	7.00	Grey quartz-carbonate veinlet hosting disseminated pyrite.	
Vt	134.83	140.52	5.69	60		3	Py	5.00	Smoky to milky quartz stringers hosting stringy pyrite.	
Vn	141.00	141.08	0.08	45			Py	3.00	Banded, irregular smoky to milky quartz vein, disseminated pyrite present.	
Vt	142.16	142.48	0.32	40		7	Py	5.00	Milky quartz veinlet with associated quartz stringers bearing blebby pyrite.	
Vt	143.47	143.59	0.12	25			Py	2.00	milky calcite veinlet with black stringers and disseminated pyrite.	
Vt	145.93	145.95	0.02	65			Py	5.00	Milky quartz-carbonate veinlets with stringy pyrite.	
Vt	148.98	150.03	1.05	65		5	Py	10.00	Milky quartz-carbonate veinlets with blebby pyrite.	
Go	150.13	150.20	0.07	40			Py	5.00	Smoky gouge vein with disseminated pyrite.	
Vt	150.36	152.22	1.86	50		12	Py	10.00	Milky quartz veinlets with smoky rims hosting stringy pyrite.	
Vt	152.27	152.29	0.02	70			Py	15.00	Milky to smoky quartz veinlet hosting blebby pyrite and disseminated black jack sphalerite.	
							Sph	5.00		
Vn	152.41	152.68	0.27	65			Py	35.00	Clear to smoky quartz vein hosting semi-massive pyrite.	
St	152.83	153.40	0.57	50		12	Py	99.00	Pyrite stringers, 50 degrees TCA.	
Vn	153.74	153.80	0.06	70			Py	80.00	Massive pyrite vein, 6 cm, with smoky quartz on contact between granodiorite and quartz feldspar porphyry dyke.	
Vn	153.86	153.96	0.10	60			Py	90.00	Irregular massive pyrite vein with associated stringers of smoky quartz.	
St	154.05	156.25	2.20			15/m	Py	80.00	Pyrite stringers with carbonate in patches of discontinuous pyrite. Varying orientations.	
Vn	156.28	156.40	0.12	80			Py	85.00	Massive pyrite vein with smoky quartz.	
St	156.36	156.66	0.30			8	Py	90.00	Netted pyrite-carbonate stringers.	
Vt	156.68	156.74	0.06	45			Py	15.00	Smoky to black quarzt veinlet hosting disseminated pyrite.	
St	156.94	157.75	0.81	40		10	Py	80.00	pyrite stringers, discontinuous, with smoky to milky quartz. Predominantly 40 degrees TCA.	
St	158.60	167.20	8.60	48		5/m	Py	90.00	Pyrite stringers, discontinuous, with clear to smoky quartz. Predominantly 45 degrees TCA.	
Vt	166.04	166.08	0.04	50			Py	5.00	Milky quartz veinlet with smoky rims hosting fine grained pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	166.08	166.15	0.07	60			Py	3.00	Smoky, gougy quartz vein hosting blebby pyrite.	
St	168.95	170.30	1.35	40		15/m	Py	20.00	Gougy, irregular black stringers hosting fine pyrite. Discontinuous, branching.	
Vt	170.76	177.05	6.29	55		12	Py	15.00	Milky quartz carbonate veinlets with irregular black rims hosting stringy to blebby pyrite with associated pyrite stringers.	
St	177.63	177.91	0.28	60		8	Py	80.00	Discontinuous pyrite stringers with smoky quartz.	
Vn	178.01	178.12	0.11	75			Py	10.00	Smoky to milky quartz-carbonate vein. Intense phyllic altered zone. Zone hosts irregular pyrite bands and blebs as well as black jack sphalerite blebs. Associated quartz-carbonate stringers and veinlets.	
							Sph	2.00		
St	178.15	179.08	0.93	60			Py	80.00	Netted pyrite stringers with smoky quartz selvages, crosscut by milky quartz-carbonate veinlets. Predominantly 60 degrees TCA.	
Vt	179.28	179.37	0.09	40			Py	99.00	Discontinuous pyrite veinlet hosted in intensely phyllic altered envelope with pyrite stringers in selvages.	
St	179.83	180.37	0.54	50		12	Py	80.00	Discontinuous pyrite stringers with smoky quartz selvages, predominantly at 80 degrees TCA.	
Vt	180.41	180.44	0.03	70					Milky quartz-carbonate veinlet with associated parallell pyrite stringers.	
Vn	180.64	180.69	0.05	55			Py	15.00	2 cm grey quartz vein with blebby pyrite and associated pyrite stringers.	
Vn	180.77	181.01	0.24	70			Py	20.00	Smoky to black gougy quartz vein with a band of milky calcite. Blebby to stringy pyrite, fine brecciation at lower contact.	
St	181.45	187.74	6.29	0			Py	80.00	Discontinuous pyrite stringers with quartz selvages. Crosscut by (8/m) pyrite stringers at 60 degrees TCA with smoky quartz selvages.	
Vn	185.31	185.63	0.32	70		2	Py	10.00	Milky irregular quartz veins, clear at edges hosting blebby pyrite.	
Vn	186.09	186.17	0.08	40			Py	2.00	Milky carbonate vein with fine quartz and elonglate phenocrysts. Disseminated pyrite.	
St	187.96	188.98	1.02	60		27	Py	80.00	Discontinuous pyrite stringers with 1 cm smoky quartz selvages. Minor netting.	
Vn	188.18	188.27	0.09	40					Milky carbonate vein crosscutting pyrite stringers.	
St	189.02	190.06	1.04	70		19	Py	95.00	pyrite stringers with carbonate present.	
St	190.10	191.43	1.33	40		12	Py	1.00	Milky to smoky quartz-carbonate stringers at 20-60 degrees TCA. Trace pyrite.	
St	192.14	192.55	0.41	5			Py	10.00	Black to milky quartz-carbonate stringers with blebby to stringy pyrite.	
Vn	192.77	192.83	0.06	60			Py	5.00	Banded milky to clear quartz vein (3.5 cm) hosting blebby disseminated pyrite.	
St	192.82	197.78	4.96	0		4	Py	90.00	Pyrite stringers parallell TCA, discontinuous, smoky quartz selvages. Crosscut by carbonate stringers.	
Vt	194.73	194.82	0.09	60		3	Py	1.00	Milky to smoky quartz-carbonate veinlets, branching. Trace pyrite present.	
St	198.04	198.33	0.29	55		9	Py	35.00	Carbonate stringers with stringy discontinuous pyrite.	
St	198.35	198.55	0.20	10			Py	90.00	pyrite stringers with carbonate present.	
Bx	198.81	198.92	0.11	60			Py	10.00	Milky quartz with phyllic altered, pyrite bearing clasts. Disseminated pyrite blebs present.	
St	199.00	199.27	0.27	50		2	Py	90.00	Branching pyrite stringers with sericitized and phyllic altered selvages.	
St	199.47	216.54	17.07	55		8/m	Py	90.00	55 degrees TCA pyrite stringers with intense phyllic altered selvages hosting smoky quartz. 8/m.	
Vn	201.05	201.23	0.18	70			Py	20.00	Crustiform, irregular banded quartz vein, buggy grey and milky bands. Blebby to semi-massive pyrite and fine disseminated galena present.	
							Gn	5.00		
Vt	203.06	203.10	0.04	50			Py	10.00	Gougy black veinlet with pyrite bands.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vt	204.13	204.31	0.18	35			Py	80.00	Pyrite veinlets with smoky quartz, intense phyllic altered and sericitized selvages with pyrite stringers.	
Vt	206.38	206.52	0.14	20			Py	10.00	Gougy black veinlet hosting disseminated fine pyrite and parallell pyrite stringers.	
Vn	206.98	207.02	0.04	50			Py	5.00	1 cm smoky to milky quartz vein, disseminated pyrite blebs present.	
St	208.60	209.40	0.80	70		26	Py	90.00	Pyrite stringers with smoky quartz.	
Vt	210.04	210.06	0.02	55			Py	95.00	Pyrite veinlets with smoky quartz.	
Vt	210.45	210.46	0.01	75			Py	10.00	Clear quartz-carbonate veinlet hosting blebby pyrite.	
Vt	210.48	210.50	0.02	65			Py	99.00	Pyrite veinlet (massive)	
Vn	210.60	210.65	0.05	70			Py	5.00	Milky to smoky banded quartz-carbonate vein, fine blebby to stringy pyrite.	
Vn	211.77	211.80	0.03	70			Py	15.00	Smoky quartz vein hosting doscontinuous stringy bands of pyrite.	
Vt	211.85	211.91	0.06	45			Py	3.00	Irregular, braided, branching milky quartz veinlet hosting stringy pyrite. Vuggy.	
Vn	212.07	212.13	0.06	50			Py	80.00	Grey quartz vein hosting blebby to semi-massive pyrite.	
Vn	216.15	216.17	0.02	80			Py	5.00	1 cm quartz-carbonate vein, clear and grey quartz. Disseminated pyrite along rims.	
Vt	219.84	219.85	0.01	85			Py	15.00	Clear to black quartz veinlet with fine pyrite band and disseminated fine pyrite blebs.	
Vt	223.92	223.97	0.05	25			Py	5.00	Clear to smoky quartz veinlet with fine disseminated pyrite.	
Vt	225.52	225.64	0.12	80		3	Py	3.00	Clear to milky quartz-carbonate veinlets hosting blebby pyrite.	
Vt	226.78	226.86	0.08	35			Py	90.00	Massive pyrite veinlet with clear quartz.	
Go	238.37	238.51	0.14	65			Py	15.00	White/grey to black gougy quartz-carbonate vein with disseminated pyrite blebs.	
Go	237.43	237.57	0.14	70					Grey/green gouge with quartz feldspar porphyry dyke.	
Vt	244.50	244.69	0.19	70		2			Vuggy, gougy calcite veinlets.	
Vt	215.20	215.21	0.01	80			Py	15.00	Black quartz-carbonate veinlet hosting disseminated pyrite.	
Go	247.60	247.63	0.03	60					Light grey/green gouge veinlet.	
Vn	248.92	248.97	0.05	45					Smoky irregular quartz vein with blebby pyrite.	
Vt	249.37	249.56	0.19	70		3	Py	90.00	Smoky quartz with massive pyrite associated with pyrite stringers.	
Go	254.02	254.07	0.05	35					Grey gouge vein zone.	
Vt	258.04	258.18	0.14	40		2	Py	40.00	Grey/clear quartz veinlets hosting discontinuous blebby pyrite.	
Vn	258.53	258.55	0.02	50			Py	5.00	Grey quartz vein, 1.2 cm, hosting disseminated pyrite.	
Vt	258.58	258.64	0.06	50		2	Py	5.00	Grey white quartz carbonate veinlets, disseminated pyrite. Light hematite staining.	
Vn	259.17	259.26	0.09	50			Py	70.00	Massive pyrite vein with clear/grey quartz. Discontinuous pyrite stringers and veinlets in phyllic altered selvages.	
Vn	259.62	259.84	0.22	60			Py	5.00	Grey quartz/fault zone with milky carbonate stringers and pyrite in blebs and stringers.	
Vt	259.89	260.25	0.36	60		3	Py	80.00	Clear to smoky quartz veinlets hosting semi-massive pyrite.	
Vn	260.59	260.85	0.26	75			Py	25.00	Vuggy quartz hooded zone, clear grey quartz and stringy pyrite present.	
St	260.82	271.80	10.98	40		6/m	Py	90.00	Irregular pyrite stringers with quartz-carbonate (6/m).	
Vn	261.81	261.90	0.09	70			Py	30.00	Grey to milky quartz vein hosting irregular blebby bands of pyrite.	
Vn	264.33	264.38	0.05	50			Py	5.00	Clear-grey quartz vein 2 cm hosting disseminated pyrite.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	264.52	264.61	0.09	60			Py	5.00	Crustiform, irregular banded quartz vein, grey to milky with disseminated pyrite.	
Vn	264.67	264.73	0.06	40			Cp	10.00	Clear-grey quartz vein with discontinuous stringy chalcopyrite and disseminated pyrite.	
							Py	5.00		
Vn	265.70	265.94	0.24	20			Py	5.00	Milky quartz-carbonate vein, braided with blebby pyrite.	
Vt	270.28	270.30	0.02	60					White/grey gougy veinlet.	
Vn	271.05	271.10	0.05	60			Py	10.00	Grey quartz vein hosting blebby to stringy pyrite.	
Vm	271.39	271.45	0.06	70		2	Py	30.00	Smoky to milky quartz veins with blebby to semi-massive pyrite.	
St	272.40	279.55	7.15	20		7			Fine black stringers.	
Go	280.05	280.31	0.26	60			Py	15.00	Grey/green gouge with disseminated pyrite.	
Go	281.90	282.03	0.13	40			Py	20.00	White/grey gouge vein with grey quartz clasts and blebby pyrite.	
Go	283.55	283.58	0.03				Py	5.00	Light green to smoky gouge with disseminated pyrite.	
St	283.60	288.20	4.60	40		9/m	Py	90.00	Pyrite stringers with quartz. Occur at low angle TCA.	
Vn	285.55	285.65	0.10	35			Py	15.00	Grey quartz vein with stringy pyrite.	
Vn	298.55	298.58	0.03	65					Gougy calcite vein.	
Bx	302.65	302.90	0.25	35			Py	10.00	Swirly breccia, contact breccia between quartz feldspar porphyry dyke and granodiorite. Swirly light green quartz feldspar porphyry dyke and angular phyllic altered granodiorite clasts. Black silicious matrix hosting disseminated pyrite.	
St	304.00	306.35	2.35	40		7			Irregular discontinuous pyrite veinlets with grey quartz rich intensely phyllic altered selvages.	
Vt	304.68	305.90	1.22	70		3	Py	5.00	Clear to milky quartz veinlets, crosscutting pyrite stringers hosting fine disseminated pyrite.	
St	306.70	307.30	0.60	30			Py	90.00	Lightly netted pyrite stringers with intensely phyllic altered selvages. Predominantly 30-40 degrees TCA.	
Vt	307.74	308.50	0.76	60		6	Py	20.00	Milky quartz-carbonate veinlets with stringy to blebby pyrite.	
Vn	309.18	309.23	0.05	50					pure grey quartz (1 cm).	
St	309.35	309.65	0.30	0			Py	15.00	Smoky to clear quartz-carbonate gougy stringers. Parallel TCA, disseminated pyrite. Offset by gougy carbonate stringers.	
Go	309.68	309.90	0.22				Py	5.00	White gouge with quartz and granodiorite clasts, crosscutting pyrite stringers.	
Vt	310.71	310.74	0.03	55			Py	75.00	Grey quartz vein hosting discontinuous semi-massive pyrite.	
St	311.00	341.70	30.70	70		3/m	Py	90.00	Discontinuous pyrite stringers, predominantly 70 degrees TCA (3/m)	
Vt	314.34	316.93	2.59	60		7	Py	5.00	Milky quartz-carbonate veinlets hosting disseminated pyrite along rims.	
Vn	314.55	314.58	0.03	85			Py	5.00	Milky to clear quartz vein, clear band hosting disseminated pyrite.	
Vt	316.98	317.05	0.07	50			Py	35.00	Branching milky quartz-carbonate veinlet with discontinuous blebby pyrite.	
Vn	319.08	319.12	0.04	60			Py	60.00	Milky quartz-carbonate vein hosting blebby pyrite.	
Vn	319.69	319.71	0.02	70			Py	5.00	Milky to smoky crustiform quartz carbonate vein with fine grained disseminated pyrite.	
Vn	320.19	320.28	0.09	60			Py	35.00	Grey to clear quartz vein with irregular milky bands. Blebby pyrite, pyrite stringers in intensely altered phyllic selvages.	
Vt	321.05	321.11	0.06	60		3	Py	2.00	Clear to milky irregular quartz veinlets. Disseminated pyrite. Crosscutting pyrite stringers.	
Vn	324.02	324.10	0.08	60			Py	5.00	Quartz-fault zone with milky to smoky quartz in irregular bands. Blebby to stringy pyrite also present.	

KLAZA

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Go	326.25	326.40	0.15				Py	15.00	Crumbled to gougy with disseminated pyrite.	
Vt	326.82	326.83	0.01	70			Py	3.00	Milky quartz veinlet with smoky rims hosting disseminated pyrite.	
Vn	327.41	327.44	0.03	75			Py	5.00	2.5 cm milky to smoky quartz vein.	
Vn	327.98	328.33	0.35	50			Py	30.00	Gouge, quartz-fault zone, smoky quartz and semi-massive pyrite.	
Go	328.53	328.63	0.10	60			Py	5.00	Grey gouge with disseminated pyrite.	
Go	328.89	328.90	0.01	70			Py	10.00	Light grey green gouge vein with quartz clasts and disseminated pyrite.	
Vn	328.95	329.18	0.23	60			Py	15.00	Clear to smoky, irregular banded quartz vein with milky and dark grey gougy patches. Hosts blebby pyrite and irregular pyrite bands.	
Vt	332.59	335.43	2.84	70		9			Clear grey quartz veinlets with discontinuous stringy pyrite to blebby pyrite. Offset by carbonate veins and veinlets.	
Go	335.95	336.03	0.08	60			Py	2.00	White to smoky grey gouge, pyrite along edges.	
Vt	337.04	337.36	0.32	40		4	Py	70.00	Intensely phyllic altered quartz-fault zone crosscut by 4 milky to grey quartz-carbonate veinlets with blebby pyrite.	
Vn	338.53	338.70	0.17	60			Py	20.00	Smoky to milky quartz-fault zone with discontinuous blebby pyrite.	
Vn	338.84	338.86	0.02	80			Py	80.00	Smoky quartz vein hosting massive pyrite.	
Vn	340.14	340.17	0.03	65			Py	85.00	Smoky quartz vein with milky stringers and massive pyrite. Intensely phyllic altered selvages with pyrite stringers.	
Vt	349.88	353.25	3.37	50		22	Py	15.00	Milky to smoky quartz veinlet, predominantly 80 degrees TCA. Hosting blebby to strong pyrite.	
Vn	353.63	353.84	0.21	55		3	Py	55.00	3 crustiform veins, massive sulphide bands with milky quartz-carbonate centers. Massive to asicular pyrite (infilling of quartz grains?) associated arsenopyrite and disseminated black jack sphalerite present. Green colour along edges of massive pyrite found at the center of the vein.	
							Gn	15.00		
							Sph	10.00		
							As	5.00		
Vn	353.88	353.93	0.05	40			Py	80.00	1 cm vein of semi-massive pyrite with associated black jack sphalerite, milky to smoky quartz-carbonate.	
							Sph	10.00		
St	354.15	371.90	17.75			5/m	Py	90.00	Pyrite stringers with milky quartz carbonate.	
Vn	355.03	355.07	0.04	60			Py	2.00	Milky quartz-carbonate vein with disseminated pyrite.	
Vn	355.88	355.94	0.06	65			Py	15.00	Clear to smoky quartz fault zone hosting disseminated to blebby pyrite. Irregular banding.	
Vn	357.13	357.18	0.05	60			Py	5.00	Milky to clear crustiform quartz-carbonate vein with disseminated pyrite.	
Vn	358.64	358.74	0.10	40			Py	5.00	Milky to clear crustiform quartz-carbonate vein with disseminated pyrite.	
Go	358.76	358.85	0.09	40			Py	1.00	Grey gouge vein with fine pyrite.	
Vt	359.95	360.25	0.30	60		4	Py	1.00	Milky quartz veinlets with disseminated pyrite.	
Vn	360.92	360.95	0.03	55			Py	10.00	Clear quartz vein hosting blebby chalcopyrite and pyrite (intergrown).	
							Cp	15.00		
Vn	300.96	360.99	60.03	60		2	Py	40.00	Cleat quartz veins hosting blebby pyrite.	
Vt	362.18	362.28	0.10	50		2	Py	20.00	Clear, branching quartz veinlets hosting blebby pyrite.	
Vn	362.35	362.40	0.05	70			Py	15.00	Clear to smoky quartz vein hosting stringy to blebby pyrite.	
Vt	362.92	363.58	0.66	60		4	Py	80.00	Milky to smoky quartz veinlets hosting blebby pyrite. Intensely phyllic altered selvages.	
Vn	366.32	366.47	0.15	50					Calcite hooding, coarse calcite veins.	
Vn	366.75	366.84	0.09	35			Py	5.00	Clear to smoky 1 cm quartz vein with disseminated pyrite.	
Vt	366.04	368.08	2.04	65					Branching, braided grey chalcedony veinlet.	
Vt	368.42	368.45	0.03	60			Py	40.00	Milky quartz-carbonate veinlet with blebby pyrite.	
Go	369.38	369.42	0.04	55			Py	5	Black/grey gouge veinlet with disseminated pyrite.	
Vn	371.33	371.36	0.03	80			Py	2.00	Milky quartz vein, braided with disseminated pyrite.	
St	380.50	383.13	2.63	48		5/m	Py	80	Pyrite/quartz stringers.	
St	378.86	378.89	0.03	40			Py	80.00	Discontinuous pyrite stringers with blebby galena.	
							Gn	15		
									EOH	

KLAZA

Hole: KL-12-130 **Date: September 8, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
8.06	1460	1730	688.3	425.3	FEL	PO	OXI	2I			2.549259	2.61711	Grey, FEL PO dyke
27.21	1460	1740	735.9	461.9	GRD	MA	PRO	2I			2.628214	2.685766	Weak propylitic altere GRD, silicified
							SIL	2I					
48.8	1460	1720	716.1	465.9	GRD	VN	PHC	5I			2.754231	2.86211	Milky to smoky Qz vein in intense phyllic envelope
							SIL	4I					
81.2	1460	1715	665.1	416.2	GRD	NT	PHC	4I	Py	5	2.608235	2.672157	Phyllic altered GRD crosscut by netted milky Qz veinlets and Py veinlets
89.15	1460	1612	414.8	264.6	GRD	VN	SIL	4I	Py	2	2.728947	2.761651	Qz-Ch irregular vein with disseminated PY
							PHC	5I					
111.47	1405	1636	618.9	386.2	GRD	EN	PHC	4I	Py	1	2.679221	2.659648	Phyllic overprinting of argillic altered GRD hosting Py stringers
							ARG	2I					
			2002										2 kg calibration
124.05	1405	1650	660.4	414.5	GRD	MA	PRO	2I	Py	<1	2.69551	2.685645	Weakly propylitic altered GRD
152.57	1400	1625	675.1	454.3	VEN	VN	PHC	5I	Py	30	3.000444	3.057518	Clear to smoky Qz vein, some massive Py
							SIL	5I					
166.73	1395	1680	762.3	477.1	GRD	EN	PHC	4I	Py	2	2.674737	2.672861	Phyllic altered GRD hosting Py stringers
168.5	1500	1730	597.9	375.1	FEL	PO					2.599565	2.683573	Green FEL PO dyke
188.98	1500	1700	542.3	347.2	MAF	PO			Py	3	2.7115	2.7796	Black/dark green mafic magnetic dyke at contact
212.09	1490	1640	427.3	283.9	GRD	EN	PHC	4I	Py	15	2.848667	2.979777	Phyllic altered GRD with grey Qz vein hosting blebby to semi massive Py
224.7	1495	1758	639.5	376.2	GRD		ARG	4I			2.431559	2.428788	Argillic altered GRD
249.95	1495	1740	644.4	402.5	FEL		SIL	2I			2.630204	2.663911	Weak siliceous propylitic altered GRD
267.19	1480	1740	642.2	434.5	GRD		SIL	2I			2.47	3.09196	Siliceous propylitic GRD
							PRO	3I					
274.43	1480	1765	743.3	462.8	FEL						2.60807	2.649911	Grey FEL PO dyke
303.66	1480	1720	650.1	413	GRD		PHC	4I	Py	5	2.70875	2.741881	Phyllic altered GRD hosting Py stringers
315.98	1470	1665	508.5	312.4	GRD		PHC	4I	Py	3I	2.607692	2.593065	Siliceous phyllic altered GRD hosting Py stringers

KLAZA

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
							SIL	3I					
342.43	1470	1700	613.3	383.9	FEL	PO	SIL	2I			2.666522	2.673496	Light green FEL PO, weakly silicified
353.72	1470	1735	910.4	647.3	GRD	EN	PHC	5i	Py	30	3.435472	3.460281	Two quartz-carbonate veins with massive Py and associated Gn, Sp, and As
							SIL	4I	Gn	5			
									Sp	5			
									As	1			
360.85	1450	1640	554.7	365.4	GRD	EN	PHC	4I	Py	5	2.919474	2.930269	Phyllic altered GRD crosscut by Cp, Py bearing Qz vein
									Cp	10			
377.42	1450	1720	704.8	438.7	FEL	PO	SIL	2I			2.61037	2.648628	Silicified FEL PO, fine grained phenocrysts
													EOH

KLAZA

Hole: KL-12-130 **Date: September 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
6.10	9.10	3.00	3.00	100	M359893	130-1				
9.10	10.25	1.15	1.14	99.1	M359894	130-1				
10.25	11.35	1.10	1.07	97.3	M359895	130-1				
11.35	12.40	1.05	1.05	100	M359896	130-1				
					M359897	130-1				BLANK
12.40	13.65	1.25	1.22	97.6	M359898	130-1				
13.65	15.00	1.35	1.31	97	M359899	130-1				
15.00	16.80	1.80	1.80	100	M359900	130-1				
16.80	19.80	3.00	2.75	91.7	M359901	130-1				
					M359902	130-1				COARSE REJECT DUPLICATE
19.80	22.10	2.30	2.30	100	M359903	130-1				
22.10	23.25	1.15	1.14	99.1	M359904	130-1				
23.25	26.25	3.00	2.98	99.3	M359905	130-1				
					M359906	130-1				STD-ME-06
26.25	29.25	3.00	2.84	94.7	M359907	130-1				
29.25	31.42	2.17	2.05	94.5	M359908	130-1				
31.42	32.61	1.19	1.12	94.1	M359909	130-1				
					M359910	130-1				1/4 DUPLICATE
32.61	35.00	2.39	2.34	97.9	M359911	130-1				
35.00	37.00	2.00	1.97	98.5	M359912	130-1				
					M359913	130-1				KL-STD-2
37.00	38.71	1.71	1.66	97.1	M359914	130-1				
38.71	40.76	2.05	1.90	92.7	M359915	130-1				
40.76	41.76	1.00	1.00	100	M359916	130-1				
41.76	43.71	1.95	1.95	100	M359917	130-1				
43.71	44.86	1.15	1.15	100	M359918	130-1				
					M359919	130-1				BLANK
44.86	46.18	1.32	1.31	99.2	M359920	130-1				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
46.18	47.18	1.00	0.92	92	M359921	130-1				
47.18	48.44	1.26	1.26	100	M359922	130-1				
48.44	49.44	1.00	1.00	100	M359923	130-1				
49.44	50.90	1.46	1.43	97.9	M359924	130-1				
50.90	51.90	1.00	0.98	98	M359925	130-1				
51.90	52.90	1.00	0.99	99	M359926	130-1				
52.90	54.95	2.05	2.05	100	M359927	130-1				
54.95	56.95	2.00	1.97	98.5	M359928	130-1				
56.95	59.00	2.05	2.05	100	M359929	130-2				
59.00	60.25	1.25	1.19	95.2	M359930	130-2				
					M359931	130-2				BLANK
60.25	61.65	1.40	1.40	100	M359932	130-2				
61.65	62.65	1.00	1.00	100	M359933	130-2				
62.65	65.65	3.00	2.93	97.7	M359934	130-2				
					M359935	130-2				COARSE REJECT DUPLICATE
65.65	68.65	3.00	2.88	96	M359936	130-2				
68.65	70.65	2.00	2.00	100	M359937	130-2				
					M359938	130-2				STD-ME-06
70.65	73.55	2.90	2.88	99.3	M359939	130-2				
73.55	74.55	1.00	0.97	97	M359940	130-2				
74.55	77.55	3.00	2.98	99.3	M359941	130-2				
77.55	79.78	2.23	2.18	97.8	M359942	130-2				
79.78	80.78	1.00	0.94	94	M359943	130-2				
80.78	81.78	1.00	0.97	97	M359944	130-2				
81.78	84.43	2.65	2.58	97.4	M359945	130-2				
					M359946	130-2				KL-STD-2
84.43	85.93	1.50	1.49	99.3	M359947	130-2				
85.93	88.49	2.56	2.52	98.4	M359948	130-2				
88.49	89.49	1.00	0.99	99	M359949	130-2				
					M359950	130-2				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
89.49	92.49	3.00	2.99	99.7	M359951	130-2				
92.49	93.57	1.08	1.08	100	M359952	130-2				
93.57	95.27	1.70	1.70	100	M359953	130-2				
95.27	96.62	1.35	1.34	99.3	M359954	130-2				
96.62	99.67	3.05	3.00	98.4	M359955	130-2				
99.67	102.72	3.05	2.99	98	M359956	130-2				
102.72	103.82	1.10	1.10	100	M359957	130-2				
103.82	105.51	1.69	1.41	83.4	M359958	130-2				
105.51	106.51	1.00	1.00	100	M359959	130-2				
106.51	109.51	3.00	2.91	97	M359960	130-2				
109.51	110.70	1.19	1.19	100	M359961	130-2				
					M359962	130-2				1/4 DUPLICATE
110.70	111.70	1.00	1.00	100	M359963	130-2				
111.70	112.70	1.00	1.00	100	M359964	130-2				
112.70	114.91	2.21	2.05	92.8	M359965	130-3				
					M359966	130-3				STD-ME-06
114.91	117.70	2.79	2.69	96.4	M359967	130-3				
117.70	118.70	1.00	0.98	98	M359968	130-3				
118.70	119.70	1.00	0.99	99	M359969	130-3				
119.70	121.10	1.40	1.31	93.6	M359970	130-3				
121.10	124.05	2.95	2.94	99.7	M359971	130-3				
124.05	127.10	3.05	2.99	98	M359972	130-3				
					M359973	130-3				COARSE REJECT DUPLICATE
127.10	129.66	2.56	2.55	99.6	M359974	130-3				
129.66	130.86	1.20	1.20	100	M359975	130-3				
130.86	132.66	1.80	1.75	97.2	M359976	130-3				
					M359977	130-3				BLANK
132.66	134.00	1.34	1.28	95.5	M359978	130-3				
134.00	136.25	2.25	2.10	93.3	M359979	130-3				
136.25	139.29	3.04	3.04	100	M359980	130-3				
139.29	141.29	2.00	2.00	100	M359981	130-3				
141.29	143.45	2.16	2.11	97.7	M359982	130-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
143.45	145.10	1.65	1.55	93.9	M359983	130-3				
145.10	148.10	3.00	2.87	95.7	M359984	130-3				
					M359985	130-3				KL-STD-1
148.10	149.35	1.25	1.25	100	M359986	130-3				
149.35	150.35	1.00	0.94	94	M359987	130-3				
150.35	151.35	1.00	1.00	100	M359988	130-3				
151.35	152.40	1.05	1.02	97.1	M359989	130-3				
152.40	154.05	1.65	1.53	92.7	M359990	130-3				
					M359991	130-3				BLANK
154.05	155.73	1.68	1.66	98.8	M359992	130-3				
155.73	156.73	1.00	1.00	100	M359993	130-3				
156.73	157.83	1.10	1.08	98.2	M359994	130-3				
157.83	160.63	2.80	2.73	97.5	M359995	130-3				
160.63	163.68	3.05	3.00	98.4	M359996	130-3				
163.68	164.78	1.10	1.07	97.3	M359997	130-3				
					M359998	130-3				1/4 DUPLICATE
164.78	167.28	2.50	2.47	98.8	M359999	130-3				
167.28	168.95	1.67	1.53	91.6	M360000	130-3				
168.95	170.81	1.86	1.86	100	M360001	130-4				
170.81	172.82	2.01	2.01	100	M360002	130-4				
172.82	175.87	3.05	2.85	93.4	M360003	130-4				
					M360004	130-4				KL-STD-2
175.87	178.00	2.13	1.89	88.7	M360005	130-4				
178.00	179.50	1.50	1.50	100	M360006	130-4				
179.50	180.50	1.00	1.00	100	M360007	130-4				
180.50	181.50	1.00	1.00	100	M360008	130-4				
					M360009	130-4				BLANK
181.50	183.50	2.00	1.98	99	M360010	130-4				
183.50	185.01	1.51	1.20	79.5	M360011	130-4				
					M360012	130-4				1/4 DUPLICATE
185.01	186.75	1.74	1.74	100	M360013	130-4				
186.75	187.95	1.20	1.20	100	M360014	130-4				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
187.95	188.95	1.00	0.98	98	M360015	130-4				
188.95	190.12	1.17	1.15	98.3	M360016	130-4				
190.12	191.25	1.13	1.12	99.1	M360017	130-4				
191.25	192.85	1.60	1.60	100	M360018	130-4				
192.85	194.16	1.31	1.31	100	M360019	130-4				
					M360020	130-4				KL-STD-2
194.16	197.21	3.05	3.03	99.3	M360021	130-4				
197.21	198.60	1.39	1.38	99.3	M360022	130-4				
198.60	199.80	1.20	1.15	95.8	M360023	130-4				
199.80	200.80	1.00	1.00	100	M360024	130-4				
200.80	201.80	1.00	0.96	96	M360025	130-4				
					M360026	130-4				BLANK
201.80	203.00	1.20	1.12	93.3	M360027	130-4				
203.00	204.50	1.50	1.50	100	M360028	130-4				
204.50	207.15	2.65	2.64	99.6	M360029	130-4				
207.15	208.60	1.45	1.39	95.9	M360030	130-4				
208.60	210.55	1.95	1.95	100	M360031	130-4				
210.55	212.15	1.60	1.56	97.5	M360032	130-4				
212.15	214.15	2.00	1.99	99.5	M360033	130-4				
214.15	215.49	1.34	1.34	100	M360034	130-4				
					M360035	130-4				COARSE REJECT DUPLICATE
215.49	218.54	3.05	3.05	100	M360036	130-4				
218.54	221.59	3.05	3.02	99	M360037	130-5				
221.59	224.64	3.05	3.01	98.7	M360038	130-5				
					M360039	130-5				KL-STD-2
224.64	226.20	1.56	1.52	97.4	M360040	130-5				
226.20	227.70	1.50	1.46	97.3	M360041	130-5				
227.70	228.70	1.00	1.00	100	M360042	130-5				
					M360043	130-5				BLANK
228.70	230.73	2.03	2.03	100	M360044	130-5				
230.73	233.78	3.05	2.99	98	M360045	130-5				
233.78	236.83	3.05	3.05	100	M360046	130-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M360047	130-5				COARSE REJECT DUPLICATE
236.83	239.88	3.05	3.04	99.7	M360048	130-5				
239.88	242.93	3.05	3.05	100	M360049	130-5				
					M360050	130-5				KL-STD-2
242.93	245.97	3.04	3.04	100	M360051	130-5				
245.97	248.63	2.66	2.56	96.2	M360052	130-5				
248.63	249.63	1.00	0.99	99	M360053	130-5				
					M360054	130-5				BLANK
249.63	252.07	2.44	2.36	96.7	M360055	130-5				
252.07	255.12	3.05	3.02	99	M360056	130-5				
255.12	257.62	2.50	2.46	98.4	M360057	130-5				
257.62	259.15	1.53	1.53	100	M360058	130-5				
259.15	260.45	1.30	1.20	92.3	M360059	130-5				
260.45	261.93	1.48	1.45	98	M360060	130-5				
261.93	264.26	2.33	2.33	100	M360061	130-5				
264.26	266.16	1.90	1.83	96.3	M360062	130-5				
266.16	269.16	3.00	2.97	99	M360063	130-5				
269.16	270.73	1.57	1.54	98.1	M360064	130-5				
270.73	271.73	1.00	1.00	100	M360065	130-5				
271.73	273.41	1.68	1.45	86.3	M360066	130-5				
					M360067	130-5				1/4 DUPLICATE
273.41	276.45	3.04	2.95	97	M360068	130-5				
276.45	279.06	2.61	2.55	97.7	M360069	130-5				
279.06	280.06	1.00	1.00	100	M360070	130-5				
280.06	281.55	1.49	1.49	100	M360071	130-5				
281.55	282.55	1.00	0.92	92	M360072	130-5				
282.55	284.05	1.50	1.50	100	M360073	130-6				
284.05	285.78	1.73	1.71	98.8	M360074	130-6				
285.78	287.05	1.27	1.27	100	M360075	130-6				
287.05	288.28	1.23	1.20	97.6	M360076	130-6				
288.28	291.28	3.00	2.88	96	M360077	130-6				
					M360078	130-6				COARSE REJECT DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
291.28	294.28	3.00	2.93	97.7	M360079	130-6				
294.28	297.28	3.00	2.90	96.7	M360080	130-6				
					M360081	130-6				KL-STD-2
297.28	300.28	3.00	2.96	98.7	M360082	130-6				
300.28	302.60	2.32	2.25	97	M360083	130-6				
302.60	303.75	1.15	1.15	100	M360084	130-6				
303.75	305.55	1.80	1.80	100	M360085	130-6				
305.55	306.68	1.13	1.11	98.2	M360086	130-6				
306.68	308.08	1.40	1.39	99.3	M360087	130-6				
308.08	310.74	2.66	2.57	96.6	M360088	130-6				
					M360089	130-6				BLANK
310.74	313.03	2.29	2.28	99.6	M360090	130-6				
313.03	314.53	1.50	1.48	98.7	M360091	130-6				
					M360092	130-6				KL-STD-2
314.53	316.08	1.55	1.42	91.6	M360093	130-6				
316.08	317.50	1.42	1.42	100	M360094	130-6				
317.50	319.00	1.50	1.50	100	M360095	130-6				
319.00	320.50	1.50	1.50	100	M360096	130-6				
					M360097	130-6				BLANK
320.50	322.17	1.67	1.54	92.2	M360098	130-6				
322.17	323.67	1.50	1.50	100	M360099	130-6				
323.67	325.22	1.55	1.55	100	M360100	130-6				
325.22	327.97	2.75	2.71	98.5	M360101	130-6				
327.97	329.22	1.25	1.25	100	M360102	130-6				
329.22	331.32	2.10	2.00	95.2	M360103	130-6				
331.32	333.60	2.28	2.22	97.4	M360104	130-6				
					M360105	130-6				1/4 DUPLICATE
333.60	335.82	2.22	2.22	100	M360106	130-6				
335.82	337.37	1.55	1.47	94.8	M360107	130-6				
337.37	338.52	1.15	1.11	96.5	M360108	130-6				
338.52	340.46	1.94	1.94	100	M360109	130-7				
340.46	341.74	1.28	1.28	100	M360110	130-7				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
341.74	343.51	1.77	1.74	98.3	M360111	130-7				
343.51	346.56	3.05	2.96	97	M360112	130-7				
					M360113	130-7				KL-STD-2
346.56	349.52	2.96	2.96	100	M360114	130-7				
349.52	351.02	1.50	1.48	98.7	M360115	130-7				
351.02	353.10	2.08	2.08	100	M360116	130-7				
353.10	354.10	1.00	1.00	100	M360117	130-7				
					M360118	130-7				BLANK
354.10	356.10	2.00	1.93	96.5	M360119	130-7				
356.10	357.17	1.07	0.93	86.9	M360120	130-7				
357.17	359.02	1.85	1.85	100	M360121	130-7				
359.02	360.84	1.82	1.82	100	M360122	130-7				.
360.84	362.32	1.48	1.41	95.3	M360123	130-7				
362.32	363.75	1.43	1.43	100	M360124	130-7				
					M360125	130-7				BLANK
363.75	366.18	2.43	2.40	98.8	M360126	130-7				
366.18	368.49	2.31	2.28	98.7	M360127	130-7				
368.49	369.82	1.33	1.33	100	M360128	130-7				
369.82	371.47	1.65	1.65	100	M360129	130-7				
371.47	373.99	2.52	2.45	97.2	M360130	130-7				
373.99	377.04	3.05	2.95	96.7	M360131	130-7				
					M360132	130-7				COARSE REJECT DUPLICATE
377.04	378.38	1.34	1.34	100	M360133	130-7				
378.38	380.09	1.71	1.71	100	M360134	130-7				
					M360135	130-7				1/4 DUPLICATE
380.09	382.10	2.01	1.90	94.5	M360136	130-7				
382.10	383.13	1.03	1.03	100	M360137	130-7				
										EOH

KLAZA

Hole: KL-12-130 **Tech Name:** **Date: September 8, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.52	3.96	1.44	1.42	99	0.00	0		1	2	4	
3.96	6.10	2.14	1.47	69	0.63	29		2	3	3	
6.10	8.23	2.13	1.72	81	1.44	68		1	3	3	
8.23	11.28	3.05	2.91	95	1.20	39		1	1	3	
11.28	14.33	3.05	2.92	96	1.40	46		1	1	3	
14.33	17.37	3.04	3.05	100	1.88	62		2	3	3	
17.37	20.42	3.05	2.80	92	1.92	63		2	1	2	
20.42	23.47	3.05	3.05	100	1.79	59		2	3	2	
23.47	26.52	3.05	2.95	97	1.81	59		2	3	2	
26.52	29.57	3.05	2.94	96	2.69	88		2	3	2	
29.57	32.61	3.04	2.84	93	2.08	68		2	3	2	
32.61	35.66	3.05	3.00	98	1.58	52		2	3	2	
35.66	38.71	3.05	2.94	96	2.15	70		2	3	2	
38.71	41.76	3.05	2.84	93	1.28	42		1	3	2	
41.76	44.81	3.05	3.04	100	2.10	69		1	3	2	
44.81	47.85	3.04	2.90	95	1.27	42		1	1	2	
47.85	50.90	3.05	3.01	99	2.37	78		1	3	2	
50.90	53.95	3.05	2.91	95	2.15	70		1	1	2	
53.95	57.00	3.05	3.00	98	2.40	79		2	3	2	
57.00	60.05	3.05	2.81	92	1.76	58		2	2	2	
60.05	63.09	3.04	2.98	98	1.71	56		2	2	2	
63.09	66.14	3.05	2.92	96	1.78	58		2	3	2	
66.14	69.19	3.05	2.88	94	2.09	69		2	3	2	
69.19	72.24	3.05	3.03	99	2.73	90		2	3	1	
72.24	75.29	3.05	2.98	98	2.48	81		2	3	1	
75.29	78.33	3.04	2.99	98	2.44	80		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.87	94	1.98	65		2	2	1	
81.38	84.43	3.05	2.94	96	1.90	62		2	3	1	
84.43	87.48	3.05	2.96	97	1.71	56		2	3	1	
87.48	90.53	3.05	2.89	95	1.81	59		2	3	1	
90.53	93.57	3.04	3.05	100	1.86	61		2	3	1	
93.57	96.62	3.05	2.96	97	2.33	76		2	3	1	
96.62	99.67	3.05	2.96	97	2.31	76		2	3	1	
99.67	102.72	3.05	2.96	97	2.69	88		2	3	1	
102.72	105.16	2.44	1.96	80	0.95	39		1	2	1	
105.16	105.77	0.61	0.69	113	0.60	98		2	3	1	
105.77	108.20	2.43	2.16	89	1.31	54		2	3	1	
108.20	110.19	1.99	2.00	101	1.10	55		2	3	1	
110.19	111.86	1.67	1.70	102	1.02	61		1	3	1	
111.86	114.91	3.05	2.86	94	1.70	56		1	1	1	
114.91	117.96	3.05	2.82	92	1.36	45		1	1	1	
117.96	121.01	3.05	3.05	100	2.19	72		1	2	1	
121.01	124.05	3.04	2.92	96	2.24	74		2	3	1	
124.05	127.10	3.05	2.94	96	2.33	76		2	3	1	
127.10	129.24	2.14	2.07	97	1.65	77		2	2	1	
129.24	130.15	0.91	0.94	103	0.71	78		2	2	1	
130.15	132.28	2.13	2.04	96	0.84	39		1	1	1	
132.28	133.20	0.92	0.83	90	0.40	43		2	3	1	
133.20	135.64	2.44	2.38	98	1.30	53		1	2	1	
135.64	136.25	0.61	0.48	79	0.40	66		2	3	1	
136.25	139.29	3.04	3.05	100	2.19	72		2	3	1	
139.29	142.34	3.05	3.02	99	2.11	69		2	3	1	
142.34	145.39	3.05	2.89	95	2.31	76		2	3	1	
145.39	148.44	3.05	2.93	96	2.30	75		2	3	1	
148.44	151.49	3.05	2.89	95	2.21	72		1	1	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
151.49	154.33	2.84	2.83	100	2.06	73		2	2	1	
154.33	157.58	3.25	3.05	94	2.34	72		2	3	1	
157.58	160.63	3.05	2.94	96	2.67	88		2	3	1	
160.63	163.68	3.05	2.90	95	2.16	71		2	3	1	
163.68	166.73	3.05	3.02	99	2.15	70		2	3	1	
166.73	169.77	3.04	2.89	95	1.05	35		1	1	1	
169.77	172.82	3.05	3.05	100	2.39	78		2	3	1	
172.82	175.87	3.05	2.81	92	2.45	80		2	3	1	
175.87	178.92	3.05	2.77	91	2.69	88		2	3	1	
178.92	181.36	2.44	2.16	89	2.06	84		2	2	1	
181.36	181.97	0.61	0.61	100	0.26	43		2	2	1	
181.97	185.01	3.04	2.63	87	2.28	75		2	3	1	
185.01	188.06	3.05	3.05	100	2.50	82		2	3	1	
188.06	191.11	3.05	2.95	97	2.60	85		2	3	1	
191.11	194.16	3.05	3.02	99	2.76	90		2	2	1	
194.16	197.21	3.05	3.02	99	2.83	93		2	3	1	
197.21	200.25	3.04	2.82	93	2.70	89		2	3	1	
200.25	203.30	3.05	2.88	94	2.60	85		2	3	1	
203.30	206.35	3.05	3.02	99	2.82	92		2	3	1	
206.35	209.40	3.05	2.99	98	2.43	80		2	3	1	
209.40	212.45	3.05	2.98	98	1.73	57		2	3	1	
212.45	215.49	3.04	2.99	98	2.14	70		2	3	1	
215.49	218.54	3.05	3.05	100	2.35	77		2	3	1	
218.54	221.59	3.05	2.96	97	1.86	61		2	3	1	
221.59	224.64	3.05	2.95	97	1.60	52		1	2	1	
224.64	227.69	3.05	2.86	94	1.07	35		1	2	1	
227.69	230.73	3.04	3.00	99	0.38	13		1	2	1	
230.73	233.78	3.05	2.81	92	1.74	57		1	2	1	
233.78	236.83	3.05	2.91	95	1.61	53		1	2	1	
236.83	239.88	3.05	2.92	96	1.82	60		1	1	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
239.88	242.93	3.05	3.01	99	2.52	83		2	3	1	
242.93	245.97	3.04	3.01	99	2.49	82		2	3	1	
245.97	249.02	3.05	2.93	96	1.47	48		1	2	1	
249.02	252.07	3.05	2.88	94	1.30	43		2	2	1	
252.07	255.12	3.05	2.89	95	0.83	27		1	1	1	
255.12	258.17	3.05	2.90	95	2.21	72		2	2	1	
258.17	261.21	3.04	2.92	96	2.24	74		2	2	1	
261.21	264.26	3.05	3.05	100	2.63	86		2	2	1	
264.26	267.31	3.05	2.90	95	2.16	71		2	2	1	
267.31	270.36	3.05	2.92	96	2.39	78		1	1	1	
270.36	273.41	3.05	2.74	90	0.60	20		1	1	1	
273.41	276.45	3.04	2.90	95	1.89	62		2	2	1	
276.45	279.50	3.05	2.84	93	1.51	50		1	1	1	
279.50	282.55	3.05	2.92	96	0.00	0		1	1	1	
282.55	285.60	3.05	2.98	98	2.01	66		1	1	1	
285.60	288.65	3.05	2.95	97	2.20	72		2	2	1	
288.65	291.69	3.04	2.91	96	1.21	40		2	2	1	
291.69	294.74	3.05	2.95	97	1.91	63		1	1	1	
294.74	297.79	3.05	2.77	91	1.03	34		1	1	1	
297.79	300.84	3.05	3.00	98	1.93	63		1	1	1	
300.84	303.89	3.05	2.93	96	2.46	81		2	2	1	
303.89	306.93	3.04	3.03	100	2.67	88		2	2	1	
306.93	309.98	3.05	2.94	96	1.22	40		1	1	1	
309.98	313.03	3.05	3.02	99	1.97	65		1	1	1	
313.03	316.08	3.05	1.82	60	1.82	60		2	2	1	
316.08	319.13	3.05	3.03	99	2.64	87		2	3	1	
319.13	322.17	3.04	2.90	95	2.27	75		2	3	1	
322.17	325.22	3.05	3.05	100	2.62	86		2	1	1	
325.22	328.27	3.05	3.00	98	1.39	46		1	1	1	
328.27	331.32	3.05	2.90	95	2.28	75		2	2	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
331.32	334.37	3.05	2.96	97	2.64	87		2	3	1	
334.37	337.41	3.04	2.93	96	2.00	66		1	0	1	
337.41	340.46	3.05	2.97	97	2.46	81		2	2	1	
340.46	343.51	3.05	2.95	97	2.49	82		2	3	1	
343.51	346.56	3.05	2.87	94	2.17	71		2	2	1	
346.56	349.61	3.05	3.02	99	2.00	66		1	2	1	
349.61	352.65	3.04	2.96	97	1.44	47		1	1	1	
352.65	355.70	3.05	2.97	97	2.44	80		2	3	1	
355.70	358.75	3.05	3.00	98	2.22	73		2	3	1	
358.75	361.80	3.05	2.94	96	1.85	61		1	2	1	
361.80	364.85	3.05	3.01	99	2.39	78		2	2	1	
364.85	367.89	3.04	2.95	97	1.81	60		2	1	1	
367.89	370.94	3.05	3.05	100	2.50	82		2	3	1	
370.94	373.99	3.05	2.99	98	1.24	41		2	3	1	
373.99	377.04	3.05	2.86	94	1.98	65		2	3	1	
377.04	380.09	3.05	3.05	100	2.09	69		1	3	1	
380.09	383.13	3.04	2.94	97	2.27	75		2	3	1	
EOH @ 383.13m											

KLAZA

Hole: KL-12-130 **Tech Name:** **Date: Se** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
2.52	3.96	1.44	0.00	0.00	0.00	0.00	0.00		
3.96	6.10	2.14	45.00	0.34	1.00	2.00	3.00	3.00	
6.10	8.23	2.13	0.00	0.00	0.00	0.00	0.00		
8.23	11.28	3.05	50.00	0.30	0.00	2.00	2.00	3.00	
11.28	14.33	3.05	45.00	0.30	1.00	2.00	3.00	3.00	
14.33	17.37	3.04	45.00	0.10	1.00	2.00	2.00	3.00	
17.37	20.42	3.05	50.00	0.30	1.00	2.00	2.00	2.00	
20.42	23.47	3.05	60.00	0.15	0.00	2.00	3.00	2.00	
23.47	26.52	3.05	45.00	0.08	0.00	2.00	2.00	2.00	
26.52	29.57	3.05	60.00	0.40	0.00	2.00	2.00	2.00	
29.57	32.61	3.04	55.00	0.40	1.00	2.00	2.00	2.00	
32.61	35.66	3.05	55.00	0.20	1.00	2.00	2.00	2.00	
35.66	38.71	3.05	45.00	0.60	1.00	2.00	2.00	2.00	
38.71	41.76	3.05	0.00	0.00	0.00	0.00	0.00		
41.76	44.81	3.05	50.00	0.30	1.00	2.00	3.00	2.00	
44.81	47.85	3.04	50.00	0.50	0.00	2.00	3.00	2.00	
47.85	50.90	3.05	45.00	0.50	0.00	2.00	3.00	2.00	
50.90	53.95	3.05	60.00	0.12	0.00	2.00	3.00	2.00	
53.95	57.00	3.05	60.00	0.25	1.00	2.00	3.00	2.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00		
60.05	63.09	3.04	0.00	0.00	0.00	0.00	0.00		
63.09	66.14	3.05	50.00	0.15	0.00	2.00	2.00	2.00	
66.14	69.19	3.05	45.00	0.15	0.00	2.00	2.00	1.00	additional joint set: 60, .2, 1, 2, 2, 1
69.19	72.24	3.05	45.00	0.60	0.00	2.00	2.00	1.00	
72.24	75.29	3.05	60.00	0.60	2.00	2.00	2.00	1.00	
75.29	78.33	3.04	45.00	0.15	2.00	2.00	3.00	1.00	
78.33	81.38	3.05	60.00	0.15	0.00	2.00	3.00	1.00	
81.38	84.43	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
84.43	87.48	3.05	50.00	0.10	0.00	1.00	2.00	1.00	
87.48	90.53	3.05	55.00	0.10	0.00	2.00	3.00	1.00	
90.53	93.57	3.04	45.00	0.40	1.00	2.00	2.00	1.00	
93.57	96.62	3.05	50.00	0.10	0.00	2.00	3.00	1.00	

KLAZA

96.62	99.67	3.05	65.00	0.46	1.00	2.00	3.00	1.00	additional joint set: 45, .5, 0, 2, 3, 1
99.67	102.72	3.05	50.00	1.00	0.00	2.00	2.00	1.00	
102.72	105.16	2.44	45.00	0.20	1.00	2.00	2.00	1.00	
105.16	105.77	0.61	45.00	0.20	1.00	2.00	2.00	1.00	
105.77	108.20	2.43	45.00	1.00	1.00	2.00	3.00	1.00	
108.20	110.19	1.99	0.00	0.00	0.00	0.00	0.00		
110.19	111.86	1.67	50.00	0.20	0.00	2.00	3.00	1.00	
111.86	114.91	3.05	45.00	0.25	1.00	2.00	2.00	1.00	additional joint set: 30, .1, 2, 2, 2, 1
114.91	117.96	3.05	0.00	0.00	0.00	0.00	0.00		
117.96	121.01	3.05	45.00	0.50	0.00	2.00	2.00	1.00	additional joint set: 70, .5, 0, 2, 2, 1
121.01	124.05	3.04	75.00	0.20	0.00	2.00	3.00	1.00	
124.05	127.10	3.05	70.00	0.25	0.00	2.00	2.00	1.00	
127.10	129.24	2.14	50.00	0.50	0.00	2.00	3.00	1.00	
129.24	130.15	0.91	0.00	0.00	0.00	0.00	0.00		
130.15	132.28	2.13	60.00	0.20	1.00	2.00	2.00	1.00	
132.28	133.20	0.92	0.00	0.00	0.00	0.00	0.00		
133.20	135.64	2.44	50.00	0.15	1.00	2.00	2.00	1.00	
135.64	136.25	0.61	0.00	0.00	0.00	0.00	0.00		
136.25	139.29	3.04	25.00	0.65	0.00	2.00	2.00	1.00	
139.29	142.34	3.05	45.00	0.75	0.00	2.00	2.00	1.00	
142.34	145.39	3.05	50.00	0.60	0.00	2.00	3.00	1.00	
145.39	148.44	3.05	0.00	0.00	0.00	0.00	0.00		
148.44	151.49	3.05	45.00	0.30	1.00	2.00	2.00	1.00	
151.49	154.33	2.84	70.00	0.10	0.00	2.00	3.00	1.00	additional joint set: 45, .1, 0, 2, 3
154.33	157.58	3.25	45.00	0.50	0.00	2.00	3.00	1.00	
157.58	160.63	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
160.63	163.68	3.05	50.00	0.20	0.00	2.00	2.00	1.00	
163.68	166.73	3.05	50.00	0.15	2.00	2.00	3.00	1.00	
166.73	169.77	3.04	45.00	0.20	1.00	2.00	3.00	1.00	
169.77	172.82	3.05	60.00	0.20	0.00	2.00	2.00	1.00	
172.82	175.87	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
175.87	178.92	3.05	40.00	1.25	0.00	1.00	2.00	1.00	
178.92	181.36	2.44	50.00	0.70	2.00	2.00	2.00	1.00	
181.36	181.97	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
181.97	185.01	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
185.01	188.06	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
188.06	191.11	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
191.11	194.16	3.05	60.00	0.23	0.00	2.00	2.00	1.00	
194.16	197.21	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
197.21	200.25	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
200.25	203.30	3.05	50.00	1.20	1.00	2.00	3.00	1.00	additional joint set: 35, 2.9, 2, 2, 1
203.30	206.35	3.05	45.00	0.50	1.00	2.00	3.00	1.00	

KLAZA

206.35	209.40	3.05	45.00	0.55	0.00	2.00	2.00	1.00	additional joint set 15/09/2012 35, 2.9, 2, 2, 2, 1
209.40	212.45	3.05	40.00	0.25	0.00	3.00	3.00	1.00	
212.45	215.49	3.04	50.00	0.50	0.00	2.00	3.00	1.00	
215.49	218.54	3.05	60.00	0.35	0.00	2.00	3.00	1.00	
218.54	221.59	3.05	50.00	0.35	0.00	2.00	2.00	1.00	
221.59	224.64	3.05	40.00	0.15	0.00	2.00	2.00	1.00	
224.64	227.69	3.05	45.00	0.50	0.00	2.00	2.00	1.00	
227.69	230.73	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
230.73	233.78	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
233.78	236.83	3.05	50.00	0.20	0.00	2.00	3.00	1.00	
236.83	239.88	3.05	70.00	0.40	0.00	2.00	2.00	1.00	
239.88	242.93	3.05	70.00	0.10	0.00	2.00	3.00	1.00	
242.93	245.97	3.04	60.00	0.07	2.00	2.00	2.00	1.00	
245.97	249.02	3.05	50.00	0.15	0.00	2.00	2.00	1.00	
249.02	252.07	3.05	25.00	0.35	1.00	3.00	2.00	1.00	additional joint set: 50, .2, 0, 2, 2, 1
252.07	255.12	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
255.12	258.17	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
258.17	261.21	3.04	50.00	0.50	0.00	2.00	3.00	1.00	
261.21	264.26	3.05	25.00	0.75	0.00	2.00	3.00	1.00	
264.26	267.31	3.05	40.00	0.05	0.00	2.00	3.00	1.00	
267.31	270.36	3.05	40.00	1.00	0.00	2.00	2.00	1.00	
270.36	273.41	3.05	50.00	0.15	1.00	2.00	2.00	1.00	
273.41	276.45	3.04	45.00	0.30	0.00	2.00	3.00	1.00	
276.45	279.50	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
279.50	282.55	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
282.55	285.60	3.05	50.00	0.30	3.00	2.00	2.00	1.00	
285.60	288.65	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
288.65	291.69	3.04	60.00	0.20	0.00	2.00	3.00	1.00	
291.69	294.74	3.05	35.00	0.60	0.00	2.00	3.00	1.00	
294.74	297.79	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
297.79	300.84	3.05	50.00	0.35	0.00	2.00	2.00	1.00	
300.84	303.89	3.05	65.00	0.06	0.00	2.00	2.00	1.00	additional joint set: 45, .25, 0, 2, 2, 1
303.89	306.93	3.04	60.00	0.05	5.00	2.00	2.00	1.00	
306.93	309.98	3.05	60.00	0.30	0.00	2.00	3.00	1.00	
309.98	313.03	3.05	50.00	0.15	1.00	2.00	2.00	1.00	
313.03	316.08	3.05	30.00	1.20	0.00	2.00	3.00	1.00	
316.08	319.13	3.05	30.00	0.25	0.00	2.00	3.00	1.00	
319.13	322.17	3.04	60.00	0.15	1.00	2.00	2.00	1.00	
322.17	325.22	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
325.22	328.27	3.05	45.00	0.15	1.00	2.00	3.00	1.00	
328.27	331.32	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
331.32	334.37	3.05	30.00	0.25	0.00	2.00	3.00	1.00	

KLAZA

334.37	337.41	3.04	30.00	0.30	0.00	2.00	3.00	1.00	additional joint set: 50, .60, 0, 2, 3, 1
337.41	340.46	3.05	50.00	0.05	1.00	2.00	2.00	1.00	
340.46	343.51	3.05	50.00	0.20	0.00	2.00	3.00	1.00	
343.51	346.56	3.05	65.00	0.50	0.00	2.00	2.00	1.00	
346.56	349.61	3.05	45.00	0.75	0.00	2.00	3.00	1.00	
349.61	352.65	3.04	45.00	0.05	1.00	3.00	3.00	1.00	
352.65	355.70	3.05	45.00	1.00	1.00	2.00	3.00	1.00	
355.70	358.75	3.05	75.00	0.15	0.00	2.00	2.00	1.00	
358.75	361.80	3.05	45.00	0.25	0.00	2.00	2.00	1.00	
361.80	364.85	3.05	70.00	0.50	0.00	2.00	2.00	1.00	
364.85	367.89	3.04	0.00	0.00	0.00	0.00	0.00		
367.89	370.94	3.05	70.00	0.25	0.00	2.00	2.00	1.00	
370.94	373.99	3.05	50.00	0.20	0.00	2.00	2.00	1.00	aditional joint set: 30, .7, 0, 2, 2, 1
373.99	377.04	3.05	85.00	0.05	0.00	2.00	2.00	1.00	
377.04	380.09	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
380.09	383.13	3.04	25.00	0.40	1.00	2.00	2.00	1.00	
		EOH @ 383.13m							

KLAZA

Hole: KL-12-130 **Date: September 8, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00	0.07	
4.00	0.21	
5.00	0.18	
6.00	0.23	
7.00	0.21	
8.00	0.20	
9.00	0.27	
10.00	0.40	
11.00	0.25	
12.00	0.18	
13.00	0.34	
14.00	1.24	
15.00	4.37	
16.00	12.10	
17.00	20.00	
18.00	6.45	
19.00	23.60	
20.00	0.82	
21.00	0.32	
22.00	0.98	
23.00	0.47	
24.00	4.55	
25.00	22.50	
26.00	21.10	
27.00	23.20	
28.00	13.40	
29.00	33.80	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	29.30	
31.00	1.40	
32.00	0.53	
33.00	0.38	
34.00	2.37	
35.00	0.53	
36.00	1.29	
37.00	2.10	
38.00	0.36	
39.00	0.31	
40.00	0.49	
41.00	0.23	
42.00	0.25	
43.00	0.23	
44.00	0.40	
45.00	0.21	
46.00	0.32	
47.00	0.45	
48.00	0.65	
49.00	0.38	
50.00	3.97	
51.00	0.51	
52.00	0.34	
53.00	0.31	
54.00	0.36	
55.00	0.14	
56.00	0.42	
57.00	1.11	
58.00	4.59	
59.00	0.36	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	1.02	
61.00	0.51	
62.00	2.63	
63.00	8.25	
64.00	22.40	
65.00	19.30	
66.00	7.64	
67.00	10.40	
68.00	21.40	
69.00	1.06	
70.00	2.79	
71.00	6.02	
72.00	29.00	
73.00	23.60	
74.00	18.50	
75.00	31.70	
76.00	34.20	
77.00	1.28	
78.00	10.60	
79.00	32.40	
80.00	5.06	
81.00	0.01	
82.00	10.60	
83.00	0.91	
84.00	4.66	
85.00	0.71	
86.00	29.90	
87.00	11.70	
88.00	20.90	
89.00	0.43	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	12.30	
91.00	33.80	
92.00	8.67	
93.00	2.72	
94.00	0.98	
95.00	1.22	
96.00	0.31	
97.00	7.55	
98.00	12.00	
99.00	0.34	
100.00	17.50	
101.00	23.60	
102.00	19.80	
103.00	3.44	
104.00	6.73	
105.00	21.10	
106.00	3.75	
107.00	4.83	
108.00	10.20	
109.00	0.67	
110.00	14.70	
111.00	0.71	
112.00	0.80	
113.00	29.10	
114.00	1.70	
115.00	14.30	
116.00	11.40	
117.00	30.10	
118.00	6.33	
119.00	1.02	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.15	
121.00	38.90	
122.00	40.60	
123.00	25.00	
124.00	33.50	
125.00	5.91	
126.00	37.00	
127.00	19.00	
128.00	21.90	
129.00	0.51	
130.00	0.51	
131.00	0.29	
132.00	0.58	
133.00	0.09	
134.00	33.50	
135.00	14.50	
136.00	6.66	
137.00	10.10	
138.00	3.09	
139.00	19.90	
140.00	15.20	
141.00	0.56	
142.00	11.10	
143.00	7.06	
144.00	6.16	
145.00	0.54	
146.00	17.60	
147.00	11.70	
148.00	18.80	
149.00	2.50	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.42	
151.00	0.47	
152.00	0.16	
153.00	0.31	
154.00	0.80	
155.00	0.78	
156.00	0.56	
157.00	0.56	
158.00	7.26	
159.00	0.51	
160.00	0.49	
161.00	0.78	
162.00	0.23	
163.00	1.92	
164.00	3.25	
165.00	0.56	
166.00	0.27	
167.00	0.31	
168.00	0.23	
169.00	0.20	
170.00	0.32	
171.00	0.34	
172.00	0.38	
173.00	0.89	
174.00	0.36	
175.00	0.42	
176.00	0.21	
177.00	0.45	
178.00	0.16	
179.00	0.45	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.49	
181.00	0.27	
182.00	6.78	
183.00	0.32	
184.00	0.67	
185.00	0.54	
186.00	0.36	
187.00	0.49	
188.00	0.40	
189.00	2.61	
190.00	3.84	
191.00	0.10	
192.00	0.29	
193.00	0.14	
194.00	0.12	
195.00	0.25	
196.00	0.21	
197.00	0.60	
198.00	12.60	
199.00	0.12	
200.00	0.40	
201.00	0.20	
202.00	0.12	
203.00	0.45	
204.00	0.45	
205.00	0.14	
206.00	0.14	
207.00	0.25	
208.00	0.87	
209.00	0.34	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.14	
211.00	0.20	
212.00	0.18	
213.00	0.25	
214.00	0.51	
215.00	0.49	
216.00	0.58	
217.00	25.70	
218.00	20.40	
219.00	0.27	
220.00	4.20	
221.00	0.62	
222.00	0.29	
223.00	0.16	
224.00	0.51	
225.00	0.54	
226.00	0.49	
227.00	1.04	
228.00	0.29	
229.00	0.34	
230.00	0.23	
231.00	0.29	
232.00	0.34	
233.00	21.00	
234.00	0.43	
235.00	0.25	
236.00	0.23	
237.00	0.32	
238.00	0.34	
239.00	0.23	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	0.25	
241.00	0.14	
242.00	0.36	
243.00	0.27	
244.00	0.60	
245.00	0.93	
246.00	0.23	
247.00	0.76	
248.00	0.27	
249.00	0.25	
250.00	0.16	
251.00	0.09	
252.00	0.16	
253.00	0.10	
254.00	0.14	
255.00	0.12	
256.00	0.20	
257.00	0.60	
258.00	0.58	
259.00	0.53	
260.00	0.23	
261.00	0.27	
262.00	0.25	
263.00	6.07	
264.00	0.56	
265.00	0.18	
266.00	0.21	
267.00	0.29	
268.00	0.21	
269.00	0.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	1.26	
271.00	0.31	
272.00	0.36	
273.00	0.40	
274.00	0.27	
275.00	0.25	
276.00	0.21	
277.00	0.51	
278.00	0.21	
279.00	0.32	
280.00	0.93	
281.00	0.84	
282.00	0.18	
283.00	0.32	
284.00	0.23	
285.00	0.36	
286.00	0.20	
287.00	0.75	
288.00	0.25	
289.00	0.27	
290.00	0.25	
291.00	0.27	
292.00	0.27	
293.00	0.23	
294.00	0.38	
295.00	0.27	
296.00	0.29	
297.00	0.29	
298.00	0.29	
299.00	0.21	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.20	
301.00	0.31	
302.00	0.25	
303.00	0.76	
304.00	0.21	
305.00	0.25	
306.00	0.31	
307.00	0.10	
308.00	0.32	
309.00	0.34	
310.00	0.12	
311.00	0.27	
312.00	0.82	
313.00	15.00	
314.00	0.42	
315.00	0.42	
316.00	0.32	
317.00	0.31	
318.00	20.50	
319.00	0.43	
320.00	0.54	
321.00	0.34	
322.00	0.60	
323.00	3.53	
324.00	0.32	
325.00	0.54	
326.00	0.67	
327.00	0.23	
328.00	0.73	
329.00	0.18	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	4.57	
331.00	2.08	
332.00	0.54	
333.00	2.17	
334.00	0.42	
335.00	0.25	
336.00	0.18	
337.00	0.36	
338.00	0.32	
339.00	0.10	
340.00	0.20	
341.00	0.45	
342.00	0.67	
343.00	0.49	
344.00	0.54	
345.00	0.58	
346.00	0.27	
347.00	0.36	
348.00	0.53	
349.00	0.32	
350.00	0.40	
351.00	1.04	
352.00	0.49	
353.00	0.65	
354.00	0.51	
355.00	0.07	
356.00	0.25	
357.00	1.00	
358.00	0.47	
359.00	1.26	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	0.45	
361.00	0.09	
362.00	0.10	
363.00	0.38	
364.00	0.80	
365.00	1.18	
366.00	0.43	
367.00	0.89	
368.00	0.25	
369.00	0.53	
370.00	0.36	
371.00	0.49	
372.00	0.29	
373.00	0.27	
374.00	0.41	
375.00	0.36	
376.00	0.36	
377.00	1.73	
378.00	0.23	
379.00	0.34	
380.00	0.38	
381.00	0.43	
382.00	1.57	
383.00	0.45	
	EOH @ 383.12m	

KLAZA

Hole: **KL-12-130** **Date: September 8, 2012**

Box #	From (m)	To (m)
1	2.52	6.10
2	6.10	11.10
3	11.10	16.83
4	16.83	22.64
5	22.64	28.50
6	28.50	34.52
7	34.52	40.29
8	40.29	46.09
9	46.09	51.89
10	51.89	57.87
11	57.87	63.74
12	63.74	69.59
13	69.59	75.56
14	75.56	81.48
15	81.48	87.35
16	87.35	92.98
17	92.98	98.80
18	98.80	104.80
19	104.80	110.19
20	110.19	115.70
21	115.70	121.33
22	121.33	127.10
23	127.10	132.76
24	132.76	138.37
25	138.37	144.00
26	144.00	149.95
27	149.95	155.90
28	155.90	161.62
29	161.62	167.17

KLAZA

30	167.17	172.82
31	172.82	178.92
32	178.92	184.72
33	184.72	190.44
34	190.44	196.40
35	196.40	202.40
36	202.40	208.30
37	208.30	214.20
38	214.20	220.13
39	220.13	226.00
40	226.00	231.73
41	231.73	237.58
42	237.58	243.43
43	243.43	249.11
44	249.11	254.94
45	254.94	260.76
46	260.76	266.49
47	266.49	272.35
48	272.35	277.85
49	277.85	283.46
50	283.46	289.23
51	289.23	294.97
52	294.97	300.79
53	300.79	306.68
54	306.68	312.53
55	312.53	318.35
56	318.35	324.30
57	324.30	330.11
58	330.11	336.21
59	336.21	341.91
60	341.91	347.71
61	347.71	353.29
62	353.29	359.02
63	359.02	364.69
64	364.69	370.52
65	370.52	376.32
66	376.32	381.69

KLAZA

67	381.69	383.13
		EOH @ 383.12m

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382276.68	6890711.7	1309.23	313.03

SECTION: KL 9+400 mE

HOLE: KL-12-131

CLAIM:

Contractor:

Drill: A5

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates:

Geology logged by: X. Montague

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
23.4696	40.7	-49	Ranger	175.8696	42.8	-48.5	Ranger
69.1896	41.2	-48.7	Ranger	206.3496	44.5	-48.6	Ranger
99.6696	40.2	-48.6	Ranger	252.0696	45.1	-48.7	Ranger
145.3896	42.8	-48.4	Ranger	282.5496	47.4	-48.8	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.70	3.70	OVB	No Recovery
3.70	58.62	54.92	GRD	Largely unaltered granodiorite, some weak argillic
				and/or propylitic altered areas around stringers and
				veinlets.
58.62	181.37	122.75	GRD	Weakly to moderately altered granodiorite, areas of
				quartz/sulphide veinlets strongly phyllic/argillic altered
181.37	249.93	68.56	GRD	Strongly veined granodioirte. String argillic/phyllic
				alteration throughout grading to intense with proximity
				to quartz/sulphide veins. Zones of well mineralized
				quartz veining.
249.93	313.03	63.10	GRD	Largely unaltered or weakly propylitic altered
				granodiorite.
				EOH @ 313.03 m.

SAMPLES

Numbers: M354418 - M354549

Total: 132

Batch: 131-1 - 131-4

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: KL-12-131 **Logger Name:** X. Montague **Date: September 9, 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
0.00	3.70	3.70					OVB														Overburden, no recovery
3.71	22.90	19.19				mKgW	GRD	MG													Unaltered granodiorite, no pervasive oxidation, only in fractures.
22.90	23.22	0.32				mKgW	GRD	MG	MD	OR	ST	3		ARG	2						Limonite stained, oxidized, argillic altered granodiorite.
23.22	24.90	1.68				mKgW	GRD	MG													Unaltered granodiorite. Oxidation in fractures.
24.90	27.24	2.34				mKgW	GRD	MG	MD	OR	ST	3		ARG	2						Limonite stained, oxidized, argillic altered granodiorite.
27.24	27.80	0.56				mKgW	GRD	MG													Unaltered granodiorite. Oxidation in fractures.
27.80	28.53	0.73				mKgW	GRD	MG	MD	OR	ST	3		ARG	2	1					Limonite stained, oxidized, argillic altered granodiorite. Weak phyllic alteration (3 cm) envelopes around two smokey quartz, white chalcedony veins hosting disseminated pyrite.
28.53	36.74	8.21				mKgW	GRD	MG													Unaltered granodiorite.
36.74	37.23	0.49				mKgW	GRD	MG	LT	GR				PHI	2						weak phyllic altered granodiorite.
										OR											
37.23	50.70	13.47				mKgW	GRD	MG													Unaltered granodiorite.
50.70	51.82	1.12				mKgW	GRD	MG	LT	PK	MO			PHI	2						Weak phyllic altered granodiorite with potassic altered overprinting. Alteration from a shallow veinlet, unmineralized.
										GR				POT	3						
51.82	55.50	3.68				mKgW	GRD	MG													Unaltered granodiorite.
55.50	56.00	0.50				mKgW	GRD	MG	LT	GR				ARG	3						Argillic altered granodiorite.
56.00	57.95	1.95				mKgW	GRD	MG													Unaltered granodiorite.
57.95	58.21	0.26				mKgW	GRD	MG	LT	WH				ARG	3						Argillic altered granodiorite.
										OR											
58.21	58.38	0.17				mKgW	GRD	MG													Unaltered granodiorite.
58.38	58.62	0.24				mKgW	GRD	MG	LT	WH				ARG	3						Argillic altered granodiorite.
										OR											
58.62	66.64	8.02				mKgW	GRD	MG	LT	GR				PHI	3	1					Moderate weak to moderate strong phyllic altered granodiorite hosting fine grained black quartz stringers.
66.64	74.85	8.21				mKgW	GRD	MG	DK	GR				PRO	3						Moderate propylitic altered granodiorite with carbonate veinlets.
										GY											
74.85	75.60	0.75				mKgW	GRD	MG	LT	GR				PHI	2	1					Narrow, weakly phyllic altered granodiorite hosting 0.5 cm quartz vein, unmineralized.
75.60	77.95	2.35				mKgW	GRD	MG	LT	GR				ARG	3						Moderate argillic altered granodiorite.
										WH											
77.95	81.38	3.43				mKgW	GRD	MG	MD	GR				PRO	2						Weak to propylitic altered granodiorite.
										GY											
81.38	81.67	0.29				mKgW	GRD	MG	MD	GR				ARG	3						Moderate argillic altered granodiorite, weakly faulted bottom 5 cm (at contact).
										GY											
81.67	84.10	2.43				LKqP	FEL		MD	PU	PO			ARG	4						Mottled, variably altered feldspar porphyry dyke, some purple,green, tan, frequent netted, vuggy chlorite veinlets.
										GR	MD										
84.10	89.22	5.12				mKgW	GRD	MG	LT	TN				ARG	3						Moderately argillic altered granodiorite.
										WH											
89.22	89.58	0.36				mKgW	GRD	MG		PK				PHI	2	1					Weak phyllic altered granodiorite enveloping two smoky quartz veinlets, unmineralized.
										GR											
89.58	96.00	6.42				mKgW	GRD	MG	LT	WH				ARG	2						
										GR											

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
96.00	98.58	2.58				LKqP	FEL		MD	PU	PO			ARG	4						Strong clay altered feldspar porphyry dyke, purple and tan patches.
										TN											
98.58	101.65	3.07				mKgW	GRD	MG	MD	GR				PHI	2	1					Moderately argillic altered granodiorite. Weak phyllic altered envelopes around infrequent white/milky chalcedony/quartz veins.
														ARG	3						
101.65	105.25	3.60				mKgW	GRD	MG	MD	GR				PRO	2						Weak propyliric altered granodiorite.
										GY											
105.25	106.55	1.30				mKgW	GRD	MG	LT	WH				ARG	3						Moderate argillic altered granodiorite.
										GR											
106.55	121.40	14.85				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
121.40	121.93	0.53				mKgW	GRD	MG	LT	PK				ARG	3						Moderate argillic latered granodiorite
										WH											
121.93	127.30	5.37				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
127.30	128.10	0.80				mKgW	GRD	MG	LT	GR				PHI	2						Moderate argillic altered granodiorite enveloping white, translucent quartz and pink/white chlorite veinlets.
														ARG	3						
128.10	134.34	6.24				mKgW	GRD	MG	MD	GY				PRO	2						Weak propylitic altered granodiorite.
										GR											
134.34	135.05	0.71				mKgW	GRD	MG	LT	GR				ARG	3						Moderate argillic altered granodiorite.
										WH											
135.05	146.10	11.05				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
146.10	147.28	1.18				mKgW	GRD	MG	LT	GR	EN			ARG	3						Moderate argillic altered granodiorite with weak phyllic altered granodiorite enveloping chlorite veinlets. Unmineralized.
														PHI	2						
147.28	149.97	2.69				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
149.97	154.60	4.63				mKgW	GRD	MG	LT	GR				PHI	2	1					Weak phyllic altered granodiorite crosscut by dark grey breccia and dark grey veinlets - see secondary structures.
										GY											
154.60	155.43	0.83				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
155.43	156.37	0.94				mKgW	GRD	MG	LT	PK				ARG	3						Moderate argillic altered granodiorite.
										WH											
156.37	158.30	1.93				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
158.30	159.25	0.95				mKgW	GRD	MG	LT	PK				ARG	3						Moderate argillic altered granodiorite.
										WH											
159.25	161.65	2.40				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											
161.65	166.83	5.18				mKgW	GRD	MG	LT	PK				ARG	3						Moderate argillic altered granodiorite.
										WH											
166.83	177.82	10.99				mKgW	GRD	MG	LT	GR				PHI	3	1					Moderate phyllic altered granodiorite hosting smoky quartz veins, mineralized veins, and epithermal textured veins.
177.82	181.37	3.55				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
										GY											
181.37	183.81	2.44				mKgW	GRD	MG	LT	GP				PHI	3						Weak to moderate phyllic altered granodiorite.
183.81	184.4	0.59				LKqP	FEL		MD	PU	PO			ARG	3						Purple quartz feldspar porphyry dyke.
184.4	209.82	25.42				mKgW	GRD	MG	MD	GY				PRO	3						Moderate propylitic altered granodiorite mottled with purple and dark green.
209.82	210.42	0.60				mKgW	GRD	MG	LT	GR				PHI	3						Moderate phyllic altered enveloping three chlorite/quartz veins - see secondary structures.
210.42	211.1	0.68				mKgW	GRD	MG	MD	GR				PRO	3						Moderate propylitic altered granodiorite with minor argillic altered granodiorite.
										GY	PK										
211.1	214.31	3.21				mKgW	GRD	MG	LT	GR	PA			PHI	3	2		Cp	1		Patchy phyllic/argillic altered granodiorite enveloping mineralized chlorite/quartz veins.
														ARG	3						
214.31	216.02	1.71				mKgW	GRD	MG	MD	GR				PRO	3						Moderate propylitic altered granodiorite.
										GY											
216.02	217.7	1.68				mKgW	GRD	MG	LT	GR				ARG	3						Moderate argillic altered granodiorite.
217.7	224.05	6.35				mKgW	GRD	MG	MD	GR				PRO	3						Moderate propylitic altered granodiorite.
										GY	PK										
224.05	226.25	2.20				mKgW	GRD	MG	LT	WH				ARG	3						Moderate argillic altered granodiorite.
										PK											
226.25	227.2	0.95				mKgW	GRD	MG	MD	GR				PRO	3						Moderate propylitic altered granodiorite.
										GY	PK										
227.2	235.58	8.38				mKgW	GRD	MG	LT	GR	PA			PHI	2	1					Patchy phyllic/argillic altered granodiorite crosscut by infrequent smoky quartz, mineralizaed veinlets.
														ARG	3						
235.58	241.88	6.30				mKgW	GRD	MG	MD	GR				PRO	3						Moderate propylitic altered granodiorite.
										GY	PK										
241.88	242.38	0.50				mKgW	GRD	MG	LT	WH				ARG	3						argillic altered.
										PK											
242.38	249.93	7.55				mKgW	GRD	MG	LT	GR				PHI	2	1	1	Gn	1		Weak phyllic altered granodiorite with numerous strong phyllic altered envelopes adjacent to veins. See secondary structures.
																		Sph	1		
																		Cp	1		
																		Ss	1		
249.93	262.71	12.78				mKgW	GRD	MG	LT	GY											Relatively unaltered granodiorite.
262.71	263.63	0.92				mKgW	GRD	MG	LT	WH				ARG	3						Moderate argillic altered granodiorite.
263.63	273.57	9.94				mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
273.57	273.85	0.28				mKgW	GRD	MG	LT	GR				ARG	4	1					Narrow advnaced argillic altered granodiorite envelopes.
														PHI	2						
273.85	275.9	2.05				mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
275.9	278.5	2.60				mKgW	GRD	MG	LT	GR				ARG	4	1					Narrow advnaced argillic altered granodiorite envelopes.
														PHI	2						
278.5	291.5	13.00				mKgW	GRD	MG	LT	GY											Unaltered granodiorite.
291.5	294.84	3.34				mKgW	GRD	MG	LT	WH				ARG	3						Argillic altered granodiorite enveloping narrow phyllic altered granodiorite around mineralized smoky quartz veins - see secondary structures.
										PK											
294.84	297.64	2.80				mKgW	GRD	MG	MD	GR				PRO	2						Weak propylitic altered granodiorite.
										GY											

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
297.64	300.34	2.70				mKgW	GRD	MG	LT	GR				ARG	3	1					Moderate argillic altered granodiorite enveloping chlorite veinlets and two mineralized smoky quartz veins.
300.34	313.03	12.69				mKgW	GRD	MG													Relatively unaltered granodiorite.
																					EOH @ 313.03 m.

PROPERTY NAME

Hole: KL-12-131 **Logger Name: X. Montague**

Depth (m)		DESCRIPTION	
81.67 m		85 degrees TCA	Sharp contact between granodiorite (uphole) and quartz feldspar porphyry dyke (downhole). Uphole sum of granodiorite is weakly faulted, some green gouge.
84.1 m		75 degrees TCA	sharp contact between quartz feldspar porphyry dyke (uphole) and granodiorite (downhole). Bottom 10 cm of granodiorite is weak to moderately faulted, grey/green gouge.
193.62 m		65 degrees TCA	Sharp contact
193.00 m		85 degrees TCA	Sharp contact

PROPERTY NAME

Hole: KL-12-131 **Logger Name:** X. Montague **Date:** September 9, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	27.75	28.25	0.50	85.00		2.00	Py	2.00	Smoky quartz, white chlorite veins hosting (2 cm) blebby pyrite.	
Dk	29.53	29.57	0.04	60.00		1.00			Aplite dyke	
Vn	36.88	36.92	0.04	80.00		1.00	Py	1.00	Strongly oxidized vein, off white (limonite stained). Chlorite rich vein plus/minus calcium.	
Ft	55.80	55.82	0.02	85.00		1.00	Li	65.00	Limonite gouge.	
Vn	61.65	61.75	0.10	20.00		1.00	Py	2.00	Multiple, dark grey quartz veinlets, brecciating off white chlorite and smoky quartz, hosting blebs of pyrite.	
Ft	63.32	63.45	0.13	90.00					Limonite stained - fault gouge.	
Vn	63.45	63.52	0.07	90.00		1.00	Py	2.00	Multiple, dark grey quartz veinlets, brecciating off white chlorite and smoky quartz, hosting blebs of pyrite.	
Vn	65.78	65.91	0.13	20.00		1.00	Py	2.00	Multiple, dark grey quartz veinlets, brecciating off white chlorite and smoky quartz, hosting blebs of pyrite.	
Ft	81.50	81.54	0.04	75.00		1.00			Weakly faulted granodiorite at granodiorite/quartz feldspar porphyry dyke contact.	
Ft	84.10	84.15	0.05	80.00		1.00			moderate to strongly faulted granodiorite at quartz feldspar porphyry dyke/granodiorite contact.	
Vn	85.98	85.99	0.01	65.00		1.00			Banded, crustiform chlorite, pink and off white. No mineralization.	
Vt	90.60	95.00	4.40	85.00		10.00			Unmineralized, off white, banded chlorite veinlets.	
Vn	100.97	100.99	0.02	45.00		1.00	Py	1.00	Black, quartz rich breccia with clasts of phyllic altered granodiorite, trace disseminated pyrite.	
Vn	100.97	101.00	0.03	65.00		1.00	Py	1.00	Black, quartz rich breccia with clasts of phyllic altered granodiorite, trace disseminated pyrite.	
Vn	112.30	112.32	0.02	45.00		1.00	Py	1.00	Dark grey/black quartz rich breccia with areas of pink/white chlorite. Clasts are rounded phyllic altered granodiorite.	
Vn	113.25	113.30	0.05	85.00		1.00	Py	1.00	Faulted (weakly) dark grey gouge (sulphide rich) vein broken.	
Vn/Bx	121.65	121.71	0.06	85.00		1.00	Py	4.00	Dark grey quartz breccia with clasts (sub angular) of argillic/phyllic altered granodiorite. Trace disseminated pyrite.	
Dk	132.51	132.61	0.10	65.00		1.00			Aplute dyke	
Dk	132.71	132.74	0.03	65.00		1.00			Aplite dyke	
Dk	132.85	132.87	0.02	65.00		1.00			Aplite dyke	
Bx/Dk	150.95	151.40	0.45	65.00		1.00	Py	1.00	Dark grey, breccia. Matrix is fine to very fine grained clasts and quartz. Clasts are subangular <1 cm to 7 cm of altered (argillic) granodiorite and clay altered quartz feldspar porphyry dyke. Smoky quartz vein clasts host interstitial mineralization, infrequent.	
							Gn	1.00		
							Cp	1.00		
							As	1.00		
							Sph	1.00		
Bx/Dk	152.12	152.45	0.33	70.00		1.00	Py	1.00	Dark grey, breccia. Matrix is fine to very fine grained clasts and quartz. Clasts are subangular <1 cm to 7 cm of altered (argillic) granodiorite and clay altered quartz feldspar porphyry dyke. Smoky quartz vein clasts host interstitial mineralization,	
							Gn	1.00		
							Cp	1.00		
							As	1.00		
							Sph	1.00		
Vn	154.20	154.24	0.04	65.00		1.00			Off white chlorite vein composed of multiple veinlets, almost netted.	
Vn	161.94	161.95	0.01	70.00		1.00	Gn	3.00	Slight crustiform white/translucent quartz and milky chalcedony vein hosting blebby sulphides in 1 mm selvages. Fine grained blebs.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Sph	3.00		
							Py	2.00		
Vn	163.20	163.22	0.02	45.00		1.00			Crustiform white chlorite vein, no mineralization.	
Vn	169.03	169.19	0.16	80.00		1.00	Py	2.00	Complex, colloform - crustiform, netted smoky quartz white/pink chalcedony vein. Mineralization occuring in smoky quartz clasts.	
Vt	169.19	169.87	0.68	70.00		1.00	Py	2.00	Complex, colloform - crustiform, netted smoky quartz white/pink chalcedony vein. Mineralization occuring in smoky quartz clasts.	
Vn/Bx	169.87	169.98	0.11	90.00		1.00	Py	2.00	Mainly unmineralized, vuggy translucent, smoky quartz brecciated vein, angular clasts of phyllic altered granodiorite. Some pyrite blebs.	
Vn	171.54	173.00	1.46	75.00		7.00	Py	2.00	Seven 1-2 cm smoky/translucent quartz veins with crustiform off white chalcedony hosting blebby galena, pyrite and sphalerite.	
							Gn	3.00		
							Sph	5.00		
Vn	171.91	171.95	0.04	85.00		1.00	Py	5.00	Dark grey/black smoky quartz vein hosting fine grained and blebby pyrite.	
Vn/Bx	171.95	172.03	0.08	90.00		1.00	Py	3.00	White/grey milky chalcedony matrix, breccia with clasts 1 mm - 2 cm. subangular. Grey translucent quartz , blebby pyrite, blebby sphalerite and phyllic altered granodiorite.	
							Gn	<1		
							Sph	1.00		
Dk	187.75	187.77	0.02	45.00		1.00			Aplite dyke	
Dk	187.88	187.92	0.04	45.00		1.00			Aplite dyke	
Dk	188.01	188.04	0.03	55.00		1.00			Aplite dyke	
Vn	201.54	201.55	0.01	30.00		1.00			White, translucent quartz vein, unmineralized.	
Vn	203.00	203.22	0.22	55.00		3.00	Py	1.00	Three, 1 cm veins composed of dark grey finegrained breccia with 1-2 mm clasts of altered granodiorite hosting disseminated pyrite and small blebs of sphalerite, pyrite and chalcopyrite.	
							Cp	1.00		
							Sph	1.00		
Dk	204.81	205.26	0.45	75.00		1.00	Py	1.00	Dark green breccia, very finegrained to finegrained matrix. Quartz rich? Clasts are subangular, phyllic altered granodiorite and mineralized smoky quartz vein with pyrite, galena and sphalerite blebs.	
							Gn	1.00		
							Sph	1.00		
Vn	209.83	210.25	0.42	65.00		3.00	Py	1.00	Three white translucent quartz and grey, milky quartz veins. Veins host blebby pyrite.	
Vn	211.28	211.29	0.01	73.00		1.00	Py	4.00	Crustiform pink/white chlorite vein with smoky quartz. Vein hosts disseminated pyrite.	
Vn	211.40	211.44	0.04	90.00		1.00	Py	1.00	Intercrystalline smoky quartz and off white chlorite vein hosting blebby pyrite, osicular sulphosalts and honey brown sphalerite.	
							Sph	1.00		
							Ss	1.00		
Vn	212.77	212.78	0.01	70.00		1.00	Cp	30.00	Magnetite vein - asicular to massive with most altered to hematite. Hosts blebby chalcopyrite and pyrite.	
							Py	20.00		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Ft	217.07	217.14	0.07	85.00		1.00			Weak faulted granodiorite, matrix is white/green clay. Unmineralized.	
Vt	225.87	225.96	0.09	70.00		2.00	Py	2.00	Two smoky quartz veinlets hosting pyrite, sphalerite and galena.	
							Sph	2.00		
							Gn	2.00		
Vt	226.22	226.26	0.04	30.00		1.00	Cp	5.00	Grey/translucent quartz vein hosting blebby chalcopyrite and pyrite.	
							Py	5.00		
Vn	213.82	213.88	0.06	70.00		1.00	Py	1.00	Intercrystalline smoky quartz and off white chlorite vein hosting blebby pyrite, osicular sulphosalts and honey brown sphalerite.	
							Sph	1.00		
							Ss	1.00		
Vt	227.26	227.30	0.04	70.00		2.00	Py	2.00	Milky white quartz veinlets (0.5 cm) hosting blebby pyrite and radiating crystalline hematite.	
							He	10.00		
Vn	228.12	228.26	0.14	70.00		3.00			Three 0.5 cm smoky quartz veinlets hosting blebby pyrite.	
Vn	231.07	231.10	0.03	75.00		1.00	Ca	90.00	Vuggy, crystalline calcite vein crosscutting off white chalcenosy veinlte.	
Dk	231.81	231.87	0.06	45.00		1.00			Aplite dyke crosscut by mineralized smoky quartz veins.	
Vn	231.81	231.90	0.09	25.00		1.00	Py	30.00	Smoky quartz veins hosting ghost bladed pyrite.	
Vt	231.90	231.91	0.01	70.00		1.00			Smoky, translucent quartz vein with banded pink/white chalcedony. Vuggy.	
Vt	232.55	232.82	0.27	75.00		2.00			Smoky quartz veinlets with pink/white chalcedony and grey/translucent quartz. No mineralization.	
Dk	239.00	239.03	0.03	50.00		1.00			Aplite dyke.	
Dk	239.18	239.33	0.15	45.00		1.00			Aplite dyke.	
Bx	243.90	244.40	0.50	80.00		1.00			Clast supported breccia, matrix is finegrained aphanitic quartz rich, clasts are 1 mm - 10 cm subangular phyllic altered granodiorite.	
Vn	244.50	244.51	0.01	85.00		1.00	Py	1.00	Crustiform white/pink chalcedony with clourless quartz as late stage infilling. Selvages host sphalerite, galena, pyrite and sulphosalts.	
							Gn	1.00		
							Ss	1.00		
							Sph	1.00		
Vn	244.77	244.85	0.08	60.00		1.00	Gn	2.00	Banded vein, majority is massive pink/white chalcedony . Outter selvage is smoky quartz hosting galena, pyrite, sphalerite and sulphosalts.	
							Sph	2.00		
							Ss	2.00		
							Py	1.00		
Vt	244.88	244.95	0.07	60.00		6.00			Chalcedony, netted, slightly brecciated veinlets. Clasts are angular phyllic altered granodiorite.	
Vn	244.97	245.10	0.13	60.00		2.00	Py	5.00	Two 1.5 cm smoky quartz veins hosting finegrained blebby, interstitial galena, sphalerite, pyrite and sulphosalts.	
							Gn	5.00		
							Ss	5.00		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Sph	5.00		
Ft	245.10	245.22	0.12	65.00		1.00			Weakly developed fault, white/green clay matrix.	
Dk/Bx	245.22	245.52	0.30	70.00		1.00			Silicious, grey/translucent quartz rich brecciated dyke. Granodiorite origin, unmineralized.	
Vn	246.27	246.42	0.15	65.00		1.00	Sph	2.00	Grey, translucent quartz veinlets hosting interstitial, finegrained honey-brown sphalerite, sulphosalts (jamesonite?), pyrite an galena.	
							Ss	2.00		
							Py	1.00		
							Gn	1.00		
Vn	253.87	253.90	0.03	70.00		1.00	Py	2.00	Crustiform pink/white chalcedony rich vein with a later stage grey/translucent quartz infilling. This is top 2 cm. bottom 1 cm is comb/grey/translucent quartz vein with intercrystalline pink chalcedony selvages hosting pyrite, chalcopyrite and chlorite.	
							Cl	1.00		
Vn	273.67	273.71	0.04	70.00		1.00	Py	5.00	Euhedral grey, translucent quartz vein with intercrystalline pink chalcedony. Mineralization occurs in grey, translucent quartz. Pyrite and tourmaline present.	
							To	5.00		
Vt	276.40	276.50	0.10	90.00		3.00			Three 1 cm, vuggy off white chalcedony veinlets. No mineralization.	
Vt	276.90	278.60	1.70	45.00		2.00			Two, 1 cm off white chalcedony veinlets.	
Vt	286.79	286.80	0.01	85.00		1.00			Off white, banded chalcedony vein.	
Vt	288.22	288.23	0.01	60.00		1.00	He/Sph	99.00	completely mineralized vein. Acicular, radiating hematite or sphalerite and blebby pyrite.	
							Py	1.00		
Vt	289.30	289.45	0.15	75.00		2.00	Py	2.00	Two smoky quartz vienlets hosting blebby pyrite and galena.	
							Gn	1.00		
Vt	290.84	290.85	0.01	65.00		1.00	Gn	45.00	Smoky quartz vein hosting galena and pyrite.	
							Py	3.00		
Dk	290.88	291.03	0.15	65.00		2.00			Two 3 cm aplite dykes	
Vn	292.00	292.15	0.15	65.00		1.00	Ss	4.00	Smoky quartz vein, minor vugs. Hosts fine grained sulphides: blebby pyrite, acicular sulphosalts and fine grained sphalerite and galena.	
							Sph	4.00		
							Py	2.00		
							Gn	2.00		
Vn	292.21	292.23	0.02	65.00		1.00	Py	3.00	Smoky quartz vein hosting pyrite sphalerite and plus/minus sulphosalts.	
							Sph	3.00		
Vt	292.23	292.45	0.22	70.00		5.00	Ss		5, 1 cm smoky quartz veins hosting asicular sulphosalts, fine grained and blebby pyrite.	
							Gn			
							Py			
Vt	293.83	293.90	0.07	70.00		3.00	Py	1.00	Three grey, translucent quartz and white/pink chalcedony veinlets hosting infrequent blebs of pyrite and galena.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Gn	1.00		
Vt	296.60	298.45	1.85	65.00		7.00	Py	1.00	Seven, 0.5 cm off white/pink crustiform chalcedony veinlets, two host blebs of pyrite.	
Vn	299.60	299.68	0.08	30.00		1.00	Py	5.00	Smoky quartz vein hosting blebby sphalerite, galena and pyrite.	
							Sph	20.00		
							Gn	5.00		
Vn	298.71	298.80	0.09	80.00		1.00	Py	5.00	Dark grey, gouge (weakly faulted?) sulphide veinlets.	
									EOH	

PROPERTY NAME

Hole: KL-12-131 **Date: September 9, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
26	1460	1640	428.1	252.3	GRD		ARG	3I	Li	25	2.378333	2.435154	Limonite stained argillic altered GRD
31.5	1460	1695	623.5	392	XEN	FG					2.653191	2.693305	Moderately altered xenolith-country rock
60.2	1460	1650	491.2	305.3	GRD		PHC	3I	Py	<1	2.585263	2.642281	Moderate phyllic altered GRD
66.1	1408	1570	442.8	276.2	GRD		PRO	2I			2.733333	2.657863	Weak propylitic altered GRD
82.3	1408	1572	450.2	279.3	FEL		CLY	3I			2.745122	2.634289	Purple FEL PO dyke
98.92	1408	1596	548	356.5	GRD		PHC	4I	Py	1	2.914894	2.861619	
									As	<1			
111.6	1408	1630	605.3	378.5	GRD		PRO	2I			2.726577	2.668871	Weak propylitic altered GRd
121.55	1408	1610	540.7	336.2	GRD		PHC	3I			2.676733	2.64401	Phyllic altered GRD crosscut by black breccia
136.2	1520	1780	697.8	438.7	GRD		PRO	2I			2.683846	2.693169	Very weak propylitic altered GRD
146.5	1520	1750	626	393.8	GRD		PHC	3I			2.721739	2.695952	Moderate phyllic altered GRD with dark grey VT and white Ch
152.25	1520	1822	835.7	532.5	BRX		PHC	3I	Py	1	2.767219	2.756266	Dark grey breccia, matrix is very fine to fine grained clasts and Qz. Clasts are subangular, <1 cm to 7 cm of alt GRD and clay altered FEL PO, smoky Qz vein clasts host infrequent interstial mineralization
169.9	1520	1690	458.6	286.4	BRX		PHC	3I	Py	2	2.697647	2.663182	Siliceous, milky grey Qz breccia with clasts of phyllic altered GRD. Some Py blebs
172	1520	1830	867.7	554	GRD		PHC	4I	Py	2	2.799032	2.766018	Phyllic altered GRD with smoky Qz veinlets hosting blebby Py
184.45	1520	1762	659.2	411	FEL		CLY	4I			2.723967	2.655923	Purple FEL PO dyke
205.15	1490	1690	540.9	343.5	BRX				Py	1	2.7045	2.740122	Dark grey breccia, matrix is very fine to fine grained clasts and Qz. Clasts are subangular, <1 cm to 7 cm of alt GRD and clay altered FEL PO, smoky Qz vein clasts host infrequent interstial mineralization
226.2	1490	1780	770.9	490.4	GRD		PHC	3I	Py	1	2.658276	2.748307	Phyllic altered GRD with blebby Py and Cp
									Cp	1			

PROPERTY NAME

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
244.8	1490	1760	744.7	484	GRD		PHC	4I	Py	1	2.758148	2.85654	Phyllic altered GRD hosting pink Ch vein with blebby, interstitial sulphides
									Sp	4			
									Gn	3			
									Ss	2			
245.2	1490	1690	512.9	320.3	GRD		PHC	4I	Py	<1	2.5645	2.663032	Siliceous quartz flooded dyke
246.3	1490	1735	684.1	445.8	GRD		PHC	4I	Ss	2	2.792245	2.870751	Grey, translucent Qz veinlets hosting intersttial, fine grained honey brown Sp, sulposalts-jamestonite?, Py and Gn
									Py	<1			
									Sp	2			
									Gn	<1			
276.6	1495	1655	429.3	269.1	GRD		PHC	3I	To	3	2.683125	2.679775	Phyllic altered GRD crosscut by 1 Ch veinlet and 1 Qz vein hosting blebby To and Py
									Py	1			
292.05	1495	1660	489.5	321	VEN		PHC	4I	Ss	4	2.966667	2.905045	Smoky Qz vien, minor vugs hosting f. grained sulphides, blebby Py, acicular sulphosalts, fine grained Sp and Gn
									Sp	4			
									Py	2			
									Gn	2			
297.8	1495	1660	433.8	270	GRD		ARG	3I			2.629091	2.648352	Moderate argillic altered GRD
													EOH

PROPERTY NAME

Hole: KL-12-131 **Date: September 9, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
24.90	27.23	2.33	2.33	100	M354418	131-1				
27.23	28.23	1.00	1.00	100	M354419	131-1				
					M354420	131-1				KL-STD-3
58.36	61.45	3.09	2.97	96.1	M354421	131-1				
61.45	62.75	1.30	1.30	100	M354422	131-1				
62.75	63.75	1.00	1.00	100	M354423	131-1				
63.75	65.18	1.43	1.43	100	M354424	131-1				
65.18	66.18	1.00	1.00	100	M354425	131-1				
					M354426	131-1				BLANK
66.18	69.19	3.01	2.99	99.3	M354427	131-1				
69.19	72.24	3.05	2.98	97.7	M354428	131-1				
72.24	75.29	3.05	3.01	98.7	M354429	131-1				
75.29	78.33	3.04	3.05	100	M354430	131-1				
					M354431	131-1				COARSE REJECT DUPLICATE
78.33	80.70	2.37	2.30	97	M354432	131-1				
80.70	81.70	1.00	1.00	100	M354433	131-1				
81.70	84.05	2.35	2.25	95.7	M354434	131-1				
84.05	85.05	1.00	1.00	100	M354435	131-1				
					M354436	131-1				BLANK
85.05	87.48	2.43	2.43	100	M354437	131-1				
87.48	90.53	3.05	3.05	100	M354438	131-1				
90.53	93.57	3.04	3.02	99.3	M354439	131-1				
93.57	96.00	2.43	2.30	94.7	M354440	131-1				
96.00	98.85	2.85	2.85	100	M354441	131-1				
98.85	99.85	1.00	1.00	100	M354442	131-1				
99.85	101.35	1.50	1.48	98.7	M354443	131-1				
					M354444	131-1				1/4 DUPLICATE
101.35	104.00	2.65	2.65	100	M354445	131-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
104.00	107.00	3.00	2.95	98.3	M354446	131-1				
107.00	110.00	3.00	2.94	98	M354447	131-1				
110.00	112.25	2.25	2.21	98.2	M354448	131-1				
112.25	113.40	1.15	1.13	98.3	M354449	131-1				
113.40	116.50	3.10	3.05	98.4	M354450	131-1				
					M354451	131-1				KL-STD-3
116.50	119.44	2.94	2.97	101	M354452	131-1				
119.44	121.21	1.77	1.77	100	M354453	131-1				
121.21	122.21	1.00	1.00	100	M354454	131-2				
122.21	125.00	2.79	2.72	97.5	M354455	131-2				
125.00	127.10	2.10	2.07	98.6	M354456	131-2				
					M354457	131-2				CDN-ME-06
127.10	130.15	3.05	2.96	97	M354458	131-2				
130.15	133.20	3.05	3.05	100	M354459	131-2				
133.20	136.25	3.05	3.03	99.3	M354460	131-2				
136.25	139.29	3.04	3.04	100	M354461	131-2				
139.29	142.34	3.05	3.05	100	M354462	131-2				
					M354463	131-2				COARSE REJECT DUPLICATE
142.34	145.39	3.05	3.05	100	M354464	131-2				
145.39	148.44	3.05	2.98	97.7	M354465	131-2				
148.44	150.75	2.31	2.31	100	M354466	131-2				
150.75	152.55	1.80	1.78	98.9	M354467	131-2				
					M354468	131-2				BLANK
152.55	154.53	1.98	1.98	100	M354469	131-2				
154.53	157.00	2.47	2.45	99.2	M354470	131-2				
157.00	158.95	1.95	1.95	100	M354471	131-2				
158.95	161.60	2.65	2.65	100	M354472	131-2				
161.60	162.60	1.00	1.00	100	M354473	131-2				
162.60	165.75	3.15	3.00	95.2	M354474	131-2				
					M354475	131-2				KL-STD-2

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
165.75	168.80	3.05	3.03	99.3	M354476	131-2				
168.80	169.90	1.10	1.10	100	M354477	131-2				
169.90	171.30	1.40	1.20	85.7	M354478	131-2				
171.30	172.30	1.00	1.00	100	M354479	131-2				
					M354480	131-2				BLANK
172.30	173.30	1.00	1.00	100	M354481	131-2				
173.30	175.87	2.57	2.57	100	M354482	131-2				
175.87	177.87	2.00	2.00	100	M354483	131-2				
					M354484	131-2				1/4 DUPLICATE
177.87	180.80	2.93	2.92	99.7	M354485	131-2				
180.80	183.80	3.00	3.00	100	M354486	131-2				
183.80	184.40	0.60	0.60	100	M354487	131-2				FEL PO DYKE
184.40	187.40	3.00	3.00	100	M354488	131-2				
187.40	190.31	2.91	2.90	99.7	M354489	131-2				
190.31	193.32	3.01	3.01	100	M354490	131-3				
193.32	196.26	2.94	2.88	98	M354491	131-3				
196.26	199.10	2.84	2.83	101	M354492	131-3				
199.10	201.90	2.80	2.80	101	M354493	131-3				
					M354494	131-3				CDN-ME-06
201.90	204.75	2.85	2.72	95.4	M354495	131-3				
204.75	205.75	1.00	1.00	100	M354496	131-3				
205.75	208.52	2.77	2.77	100	M354497	131-3				
208.52	209.85	1.33	1.33	100	M354498	131-3				
209.85	211.43	1.58	1.58	100	M354499	131-3				
					M354500	131-3				BLANK
211.43	214.30	2.87	2.93	102	M354501	131-3				
214.30	216.26	1.96	1.87	95.4	M354502	131-3				
216.26	217.26	1.00	1.00	100	M354503	131-3				
					M354504	131-3				1/4 DUPLICATE
217.26	219.95	2.69	2.69	100	M354505	131-3				
219.95	222.60	2.65	2.65	100	M354506	131-3				
222.60	225.37	2.77	2.48	89.5	M354507	131-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
225.37	226.37	1.00	1.00	100	M354508	131-3				
226.37	227.69	1.32	1.32	100	M354509	131-3				
227.69	228.70	1.01	1.00	99	M354510	131-3				
					M354511	131-3				KL-STD-1
228.70	231.75	3.05	3.05	100	M354512	131-3				
231.75	232.85	1.10	1.10	100	M354513	131-3				
232.85	234.00	1.15	1.15	100	M354514	131-3				
234.00	235.12	1.12	1.12	100	M354515	131-3				
235.12	238.12	3.00	2.95	98.3	M354516	131-3				
238.12	241.18	3.06	3.00	98	M354517	131-3				
241.18	243.09	1.91	1.83	95.8	M354518	131-3				
243.09	245.25	2.16	2.14	99.1	M354519	131-3				
					M354520	131-3				BLANK
245.25	246.50	1.25	1.25	100	M354521	131-3				
246.50	249.02	2.52	2.52	100	M354522	131-3				
249.02	252.07	3.05	3.05	100	M354523	131-3				
					M354524	131-3				COARSE REJECT DUPLICATE
252.07	255.12	3.05	3.05	100	M354525	131-3				
255.12	258.17	3.05	3.04	99.7	M354526	131-4				
258.17	261.21	3.04	3.01	99	M354527	131-4				
					M354528	131-4				KL-STD-1
261.21	264.26	3.05	3.03	99.3	M354529	131-4				
264.26	267.31	3.05	2.92	95.7	M354530	131-4				
267.31	270.36	3.05	3.05	100	M354531	131-4				
270.36	273.40	3.04	3.05	100	M354532	131-4				
273.40	274.40	1.00	1.00	100	M354533	131-4				
					M354534	131-4				BLANK
274.40	277.55	3.15	3.06	97.1	M354535	131-4				
277.55	279.50	1.95	1.95	100	M354536	131-4				
					M354537	131-4				1/4 DUPLICATE
279.50	282.55	3.05	3.00	98.4	M354538	131-4				
282.55	285.60	3.05	3.05	100	M354539	131-4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
285.60	288.65	3.05	3.00	98.4	M354540	131-4				
					M354541	131-4				KL-STD-1
288.65	291.50	2.85	2.79	105	M354542	131-4				
291.50	292.50	1.00	1.00	100	M354543	131-4				
					M354544	131-4				BLANK
292.50	294.74	2.24	2.14	95.5	M354545	131-4				
294.74	297.75	3.01	3.01	100	M354546	131-4				
297.75	298.75	1.00	1.00	100	M354547	131-4				
298.75	299.82	1.07	1.07	100	M354548	131-4				
299.82	302.70	2.88	2.88	100	M354549	131-4				EOH @ 313.03 m

PROPERTY NAME

Hole: KL-12-131 **Tech Name:** **Date: September 9, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
3.71	5.18	1.47	1.47	100	1.00	68		2	3	2	
5.18	8.23	3.05	2.75	90	2.34	77		2	4	2	
8.23	11.28	3.05	2.95	97	2.50	82		2	3	2	
11.28	14.33	3.05	2.93	96	1.25	41		2	3	2	
14.33	17.37	3.04	2.90	95	2.17	71		2	3	2	
17.37	20.42	3.05	2.95	97	1.80	59		2	3	2	
20.42	23.47	3.05	3.02	99	2.79	91		2	2	2	
23.47	26.52	3.05	3.00	98	2.25	74		1	0	3	
26.52	29.51	2.99	2.95	99	2.30	77		1	1	3	
29.51	32.61	3.10	2.95	95	2.60	84		2	1	2	
32.61	35.66	3.05	3.05	100	2.55	84		2	3	2	
35.66	38.71	3.05	2.90	95	2.05	67		2	3	2	
38.71	41.76	3.05	3.05	100	2.35	77		2	2	2	
41.76	44.81	3.05	3.00	98	2.25	74		2	3	2	
44.81	47.85	3.04	3.00	99	2.86	94		2	3	2	
47.85	50.90	3.05	2.96	97	2.70	89		2	3	2	
50.90	53.95	3.05	3.00	98	2.45	80		2	3	1	
53.95	57.00	3.05	2.90	95	1.75	57		2	3	1	
57.00	60.05	3.05	3.00	98	2.05	67		1	2	4	
60.05	63.09	3.04	2.92	96	0.90	30		1	2	4	
63.09	66.14	3.05	2.91	95	2.50	82		2	3	1	
66.14	69.19	3.05	2.96	97	2.70	89		2	3	1	
69.19	72.21	3.02	2.80	93	2.31	76		2	3	1	
72.21	75.29	3.08	3.02	98	2.60	84		2	3	2	
75.29	78.33	3.04	3.00	99	2.70	89		2	1	2	
78.33	81.39	3.06	3.05	100	2.59	85		2	1	2	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.39	84.43	3.04	3.01	99	1.48	49		2	0	2	
84.43	87.48	3.05	3.02	99	2.20	72		2	1	2	
87.48	90.53	3.05	3.02	99	2.60	85		2	3	2	
90.53	93.57	3.04	2.95	97	1.60	53		2	2	1	
93.57	96.62	3.05	2.90	95	2.35	77		2	3	1	
96.62	99.66	3.04	2.95	97	2.36	78		2	3	1	
99.66	102.72	3.06	3.05	100	1.50	49		2	3	2	
102.72	105.77	3.05	2.98	98	1.65	54		2	3	2	
105.77	108.81	3.04	3.03	100	2.35	77		2	3	1	
108.81	111.86	3.05	2.96	97	2.22	73		2	3	1	
111.86	114.92	3.06	2.90	95	1.64	54		2	3	1	
114.92	117.96	3.04	2.92	96	1.59	52		2	3	1	
117.96	121.00	3.04	2.95	97	2.05	67		2	3	1	
121.00	124.05	3.05	3.00	98	1.17	38		2	1	1	
124.05	127.10	3.05	2.80	92	2.10	69		2	3	1	
127.10	130.15	3.05	2.72	89	1.74	57		1	2	1	
130.15	133.20	3.05	2.91	95	2.48	81		2	3	1	
133.20	136.25	3.05	2.92	96	2.36	77		2	3	1	
136.25	139.29	3.04	2.91	96	2.24	74		2	3	1	
139.29	142.34	3.05	2.88	94	2.14	70		2	4	1	
142.34	145.39	3.05	2.89	95	1.86	61		2	3	1	
145.39	148.44	3.05	2.93	96	1.98	65		2	3	1	
148.44	151.49	3.05	2.98	98	1.57	51		2	3	1	
151.49	154.53	3.04	2.95	97	2.37	78		1	1	1	
154.53	157.58	3.05	2.88	94	2.21	72		1	1	1	
157.58	160.63	3.05	2.83	93	1.74	57		1	1	1	
160.63	163.68	3.05	2.88	94	2.53	83		2	3	1	
163.68	166.73	3.05	3.01	99	2.68	88		3	3	1	
166.73	169.77	3.04	2.95	97	1.90	62		1	1	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
169.77	172.82	3.05	2.75	90	1.38	45		1	3	1	
172.82	175.87	3.05	2.87	94	2.05	67		2	3	1	
175.87	178.92	3.05	2.91	95	1.91	63		1	2	1	
178.92	181.97	3.05	3.00	98	1.27	42		2	2	1	
181.97	185.01	3.04	2.91	96	2.02	66		1	2	1	
185.01	188.06	3.05	2.97	97	1.41	46		2	3	1	
188.06	191.11	3.05	3.04	100	2.57	84		2	3	1	
191.11	194.16	3.05	2.96	97	2.73	90		2	3	1	
194.16	197.21	3.05	3.02	99	2.50	82		2	3	1	
197.21	200.25	3.04	3.00	99	2.80	92		2	3	1	
200.25	203.30	3.05	2.95	97	2.81	92		2	3	1	
203.30	206.35	3.05	3.05	100	2.51	82		2	1	1	
206.35	209.40	3.05	3.05	100	2.24	73		2	3	1	
209.40	212.45	3.05	3.02	99	2.30	75		2	3	1	
212.45	215.50	3.05	3.00	98	2.20	72		2	3	1	
215.50	218.54	3.04	3.01	99	2.60	86		2	2	1	
218.54	221.59	3.05	2.90	95	2.62	86		2	4	1	
221.59	224.64	3.05	2.85	93	1.15	38		2	2	1	
224.64	227.69	3.05	2.98	98	1.56	51		2	3	1	
227.69	230.73	3.04	3.02	99	2.82	93		2	3	1	
230.73	233.78	3.05	3.03	99	2.80	92		2	3	1	
233.78	236.83	3.05	3.02	99	2.74	90		2	3	1	
236.83	239.88	3.05	2.93	96	2.60	85		2	3	1	
239.88	242.93	3.05	2.86	94	1.55	51		2	1	1	
242.93	245.97	3.04	3.00	99	1.98	65		2	3	1	
245.97	249.02	3.05	2.94	96	1.83	60		2	3	1	
249.02	252.07	3.05	3.02	99	2.41	79		2	3	1	
252.07	255.12	3.05	3.05	100	2.74	90		2	3	1	
255.12	258.17	3.05	3.04	100	2.20	72		2	3	1	
258.17	261.21	3.04	3.01	99	2.80	92		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
261.21	264.26	3.05	3.00	98	2.80	92		2	3	1	
264.26	267.31	3.05	2.90	95	2.78	91		2	3	1	
267.31	270.36	3.05	3.05	100	2.86	94		2	3	1	
270.36	273.40	3.04	2.98	98	2.02	66		2	3	1	
273.40	276.45	3.05	2.95	97	2.75	90		2	3	1	
276.45	279.50	3.05	2.86	94	2.36	77		2	3	1	
279.50	282.55	3.05	2.98	98	2.49	82		2	3	1	
282.55	285.60	3.05	2.97	97	2.21	72		2	3	1	
285.60	288.65	3.05	2.95	97	2.65	87		2	3	1	
288.65	291.70	3.05	3.02	99	2.50	82		2	3	1	
291.70	294.74	3.04	3.02	99	2.50	82		2	3	1	
294.74	297.79	3.05	3.05	100	2.30	75		2	3	1	
297.79	300.84	3.05	2.97	97	2.10	69		2	2	1	
300.84	303.88	3.04	2.95	97	2.57	85		2	3	1	
303.88	306.93	3.05	3.02	99	2.30	75		2	3	1	
306.93	309.98	3.05	2.93	96	2.22	73		2	3	1	
309.98	313.03	3.05	3.00	98	2.52	83		2	3	1	
	EOH @ 313.03m										

PROPERTY NAME

Hole: KL-12-131 **Tech Name:** **Date: Se** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
3.71	5.18		60.00	0.12	0.00	1.00	2.00	2.00	
5.18	8.23		50.00	0.22	0.00	3.00	2.00	2.00	
8.23	11.28		60.00	0.67	0.00	2.00	2.00	2.00	
11.28	14.33		0.00	0.00	0.00	0.00	0.00		
14.33	17.37		60.00	0.37	0.00	1.00	2.00	2.00	
17.37	20.42		0.00	0.00	0.00	0.00	0.00		
20.42	23.47		60.00	1.17	0.00	1.00	2.00	2.00	
23.47	26.52		75.00	0.65	0.00	2.00	2.00	3.00	
26.52	29.51		0.00	0.00	0.00	0.00			
29.51	32.61		0.00	0.00	0.00	0.00	0.00		
32.61	35.66		0.00	0.00	0.00	0.00	0.00		
35.66	38.71		0.00	0.00	0.00	0.00	0.00		
38.71	41.76		60.00	0.52	0.00	1.00	2.00	2.00	
41.76	44.81		60.00	0.78	0.00	1.00	2.00	2.00	
44.81	47.85		0.00	0.00	0.00	0.00	0.00		
47.85	50.90		60.00	0.61	0.00	1.00	2.00		
50.90	53.95		50.00	0.30	0.00	1.00	1.00	2.00	
53.95	57.00		0.00	0.00	0.00	0.00	0.00		
57.00	60.05		60.00	0.20	0.00	2.00	2.00	2.00	
60.05	63.09		60.00	0.55	30.00	2.00	2.00		
63.09	66.14		0.00	0.00	0.00	0.00	0.00	0.00	
66.14	69.19		0.00	0.00	0.00	0.00	0.00		
69.19	72.21		0.00	0.00	0.00	0.00	0.00	0.00	
72.21	75.29		0.00	0.00	0.00	0.00	0.00		
75.29	78.33		60.00	0.45	15.00	1.00	2.00	3.00	
78.33	81.39		0.00	0.00	0.00	0.00	0.00		
81.39	84.43		60.00	0.25	0.00	3.00	2.00	2.00	
84.43	87.48		60.00	0.52	2.00	1.00	2.00	2.00	

PROPERTY NAME

87.48	90.53		0.00	0.00	0.00	0.00	0.00		
90.53	93.57		60.00	0.41	0.00	1.00	2.00	1.00	
93.57	96.62		60.00	0.22	3.00	2.00	1.00		
96.62	99.66		0.00	0.00	0.00	0.00	0.00		
99.66	102.72		60.00	0.44	0.00	1.00	2.00	1.00	
102.72	105.77		0.00	0.00	0.00	0.00	0.00		
105.77	108.81		60.00	0.44	0.00	2.00	2.00	1.00	
108.81	111.86		60.00	0.46	0.00	1.00	1.00		
111.86	114.92		0.00	0.00	0.00	0.00			
114.92	117.96		60.00	0.22	0.00	1.00	2.00	1.00	
117.96	121.00		60.00	0.90	0.00	1.00	2.00	1.00	
121.00	124.05		60.00	0.52	10.00	1.00	2.00	3.00	
124.05	127.10		60.00	0.30	0.00	1.00	2.00	1.00	
127.10	130.15		45.00	0.15	0.00	2.00	2.00	1.00	
130.15	133.20		50.00	0.20	0.00	2.00	3.00	1.00	
133.20	136.25		30.00	0.75	0.00	2.00	2.00	1.00	
136.25	139.29		75.00	0.60	0.00	2.00	2.00	1.00	
139.29	142.34		70.00	0.15	0.00	2.00	2.00	1.00	additional joint set: 45, 305, 0, 2, 2, 1
142.34	145.39		45.00	0.30	0.00	2.00	2.00	1.00	
145.39	148.44		45.00	0.35	0.00	2.00	2.00	1.00	additional joint set: 70, .15, 0, 2, 2, 1
148.44	151.49		45.00	0.40	0.00	2.00	3.00	1.00	
151.49	154.53		70.00	0.15	0.00	2.00	3.00	1.00	
154.53	157.58		65.00	0.30	0.00	2.00	2.00	1.00	
157.58	160.63		40.00	0.15	0.00	2.00	3.00	1.00	
160.63	163.68		0.00	0.00	0.00	0.00	0.00	0.00	
163.68	166.73		50.00	0.75	0.00	2.00	3.00	1.00	
166.73	169.77		0.00	0.00	0.00	0.00	0.00	0.00	
169.77	172.82		50.00	0.35	1.00	2.00	3.00	1.00	
172.82	175.87		60.00	0.75	1.00	2.00	3.00	1.00	
175.87	178.92		45.00	0.20	1.00	2.00	2.00	1.00	60, .15, 0, 2, 2, 1
178.92	181.97		0.00	0.00	0.00	0.00	0.00	0.00	
181.97	185.01		45.00	1.00	1.00	2.00	3.00	1.00	
185.01	188.06		45.00	1.35	1.00	2.00	2.00	1.00	
188.06	191.11		60.00	0.10	0.00	1.00	2.00	1.00	
191.11	194.16		60.00	0.40	1.00	2.00	1.00		
194.16	197.21		0.00	0.00	0.00	0.00	0.00		
197.21	200.25		60.00	0.50	0.00	1.00	2.00	1.00	
200.25	203.30		60.00	0.24	0.00	2.00	2.00	1.00	

PROPERTY NAME

203.30	206.35		60.00	0.44	0.00	2.00	2.00	1.00	
206.35	209.40		60.00	0.23	0.00	1.00	1.00	1.00	
209.40	212.45		0.00	0.00	0.00	0.00	0.00		
212.45	215.50		0.00	0.00	0.00	0.00	0.00	0.00	
215.50	218.54		0.00	0.00	0.00	0.00	0.00	0.00	
218.54	221.59		60.00	0.15	0.00	1.00	1.00	1.00	
221.59	224.64		60.00	0.35	0.00	1.00	2.00	1.00	
224.64	227.69		0.00	0.00	0.00	0.00	0.00	0.00	
227.69	230.73		0.00	0.00	0.00	0.00	0.00	0.00	
230.73	233.78		60.00	1.04	0.00	2.00	2.00	1.00	
233.78	236.83		55.00	0.35	0.00	1.00	2.00	1.00	
236.83	239.88		55.00	0.58	0.00	1.00	2.00	1.00	
239.88	242.93		0.00	0.00	0.00	0.00	0.00	0.00	
242.93	245.97		60.00	0.23	0.00	3.00	2.00	1.00	
245.97	249.02		60.00	0.20	0.00	2.00	3.00	1.00	
249.02	252.07		60.00	0.22	0.00	2.00	2.00	1.00	
252.07	255.12		55.00	1.20	0.00	2.00	2.00	1.00	
255.12	258.17		60.00	0.54	0.00	2.00	2.00	1.00	
258.17	261.21		0.00	0.00	0.00	0.00	0.00	0.00	
261.21	264.26		0.00	0.00	0.00	0.00	0.00	0.00	
264.26	267.31		60.00	1.30	0.00	1.00	2.00	1.00	
267.31	270.36		75.00	0.30	0.00	1.00	2.00	1.00	
270.36	273.40		60.00	0.21	0.00	1.00	2.00	1.00	
273.40	276.45		60.00	0.12	0.00	1.00	2.00	1.00	
276.45	279.50		50.00	0.30	0.00	2.00	3.00	1.00	additional joint set: 40, 1.5, 0, 2, 2, 1
279.50	282.55		60.00	0.20	0.00	2.00	2.00	1.00	
282.55	285.60		60.00	0.07	0.00	1.00	2.00	1.00	
285.60	288.65		40.00	0.58	0.00	1.00	2.00	1.00	
288.65	291.70		55.00	0.53	0.00	2.00	2.00	1.00	
291.70	294.74		60.00	0.82	0.00	2.00	3.00	1.00	
294.74	297.79		0.00	0.00	0.00	0.00	0.00	0.00	
297.79	300.84		60.00	0.48	0.00	2.00	1.00	1.00	
300.84	303.88		0.00	0.00	0.00	0.00	0.00	0.00	
303.88	306.93		55.00	0.15	0.00	2.00	2.00	1.00	
306.93	309.98		60.00	0.65	0.00	1.00	2.00	1.00	
309.98	313.03		40.00	0.37	0.00	2.00	2.00	1.00	
			EOH @313.03m						

PROPERTY NAME

Hole: KL-12-131 **Date: September 9, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00	10.60	
5.00	8.47	
6.00	12.70	
7.00	16.70	
8.00	14.10	
9.00	8.01	
10.00	12.60	
11.00	14.20	
12.00	9.18	
13.00	9.90	
14.00	16.60	
15.00	13.20	
16.00	12.00	
17.00	11.80	
18.00	3.02	
19.00	13.10	
20.00	12.90	
21.00	4.30	
22.00	3.93	
23.00	0.31	
24.00	2.61	
25.00	0.29	
26.00	0.16	
27.00	0.12	
28.00	0.13	
29.00	10.60	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	5.05	
31.00	1.83	
32.00	1.48	
33.00	5.21	
34.00	7.90	
35.00	0.21	
36.00	3.51	
37.00	0.51	
38.00	4.04	
39.00	13.70	
40.00	0.82	
41.00	18.20	
42.00	9.36	
43.00	10.01	
44.00	11.20	
45.00	14.70	
46.00	6.71	
47.00	7.52	
48.00	12.30	
49.00	13.90	
50.00	10.10	
51.00	0.56	
52.00	19.00	
53.00	11.40	
54.00	11.80	
55.00	14.00	
56.00	7.15	
57.00	7.33	
58.00	2.01	
59.00	0.29	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.18	
61.00	0.14	
62.00	0.34	
63.00	0.20	
64.00	0.60	
65.00	0.12	
66.00	0.32	
67.00	2.90	
68.00	5.32	
69.00	14.00	
70.00	11.10	
71.00	19.90	
72.00	2.26	
73.00	0.67	
74.00	0.47	
75.00	0.40	
76.00	13.60	
77.00	9.79	
78.00	2.43	
79.00	4.35	
80.00	14.70	
81.00	14.20	
82.00	0.47	
83.00	0.20	
84.00	0.25	
85.00	0.45	
86.00	0.18	
87.00	2.19	
88.00	1.04	
89.00	0.27	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.16	
91.00	0.65	
92.00	0.60	
93.00	11.90	
94.00	0.21	
95.00	0.21	
96.00	0.18	
97.00	0.64	
98.00	0.41	
99.00	0.32	
100.00	0.61	
101.00	0.10	
102.00	2.02	
103.00	5.05	
104.00	6.05	
105.00	14.80	
106.00	0.18	
107.00	9.13	
108.00	15.50	
109.00	15.90	
110.00	8.69	
111.00	4.15	
112.00	2.26	
113.00	6.73	
114.00	12.60	
115.00	12.00	
116.00	8.10	
117.00	21.10	
118.00	14.30	
119.00	12.50	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	8.41	
121.00	0.62	
122.00	11.00	
123.00	13.80	
124.00	3.23	
125.00	13.90	
126.00	9.16	
127.00	3.05	
128.00	0.31	
129.00	1.48	
130.00	7.52	
131.00	11.40	
132.00	1.11	
133.00	3.86	
134.00	16.00	
135.00	11.00	
136.00	9.18	
137.00	10.90	
138.00	15.90	
139.00	13.10	
140.00	6.11	
141.00	9.00	
142.00	15.70	
143.00	10.30	
144.00	15.60	
145.00	16.90	
146.00	4.62	
147.00	2.10	
148.00	12.90	
149.00	12.02	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.71	
151.00	0.31	
152.00	0.60	
153.00	0.65	
154.00	0.18	
155.00	9.82	
156.00	0.34	
157.00	16.80	
158.00	16.60	
159.00	0.34	
160.00	13.80	
161.00		
162.00		
163.00		
164.00		
165.00	0.45	
166.00	0.21	
167.00	0.34	
168.00	0.36	
169.00	0.40	
170.00	0.53	
171.00	1.02	
172.00	0.29	
173.00	0.23	
174.00	0.31	
175.00	0.01	
176.00	0.13	
177.00	0.12	
178.00	2.36	
179.00	3.20	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	6.07	
181.00	0.62	
182.00	0.80	
183.00	0.92	
184.00	0.80	
185.00	0.11	
186.00	0.21	
187.00	0.41	
188.00	0.31	
189.00	0.25	
190.00	0.21	
191.00	4.94	
192.00	13.70	
193.00	4.39	
194.00	9.35	
195.00	9.46	
196.00	5.36	
197.00	12.70	
198.00	10.60	
199.00	9.73	
200.00	17.30	
201.00	17.90	
202.00	17.60	
203.00	13.50	
204.00	1.00	
205.00	0.40	
206.00	0.49	
207.00	3.14	
208.00	11.00	
209.00	8.34	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.64	
211.00	9.35	
212.00	0.53	
213.00	1.53	
214.00	0.64	
215.00	3.07	
216.00	3.87	
217.00	0.36	
218.00	13.60	
219.00	13.30	
220.00	10.10	
221.00	12.80	
222.00	6.78	
223.00	7.68	
224.00	5.61	
225.00	0.25	
226.00	0.32	
227.00	10.70	
228.00	0.21	
229.00	0.16	
230.00	0.34	
231.00	0.47	
232.00	0.20	
233.00	0.16	
234.00	0.29	
235.00	0.01	
236.00	0.34	
237.00	1.33	
238.00	0.29	
239.00	3.84	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	2.12	
241.00	10.00	
242.00	1.97	
243.00	0.58	
244.00	0.05	
245.00	0.14	
246.00	0.10	
247.00	0.14	
248.00	0.29	
249.00	0.20	
250.00	16.20	
251.00	3.00	
252.00	2.92	
253.00	3.43	
254.00	0.64	
255.00	3.89	
256.00	8.12	
257.00	6.86	
258.00	10.70	
259.00	6.71	
260.00	8.27	
261.00	14.20	
262.00	8.43	
263.00	0.93	
264.00	0.58	
265.00	17.00	
266.00	2.26	
267.00	10.20	
268.00	12.50	
269.00	14.00	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	15.80	
271.00	5.23	
272.00	7.79	
273.00	2.34	
274.00	2.24	
275.00	7.95	
276.00	0.16	
277.00	1.30	
278.00	2.32	
279.00	9.24	
280.00	8.49	
281.00	8.47	
282.00	11.00	
283.00	6.14	
284.00	11.60	
285.00	17.60	
286.00	0.56	
287.00	8.69	
288.00	15.40	
289.00	14.70	
290.00	0.56	
291.00	0.67	
292.00	0.27	
293.00	0.23	
294.00	0.38	
295.00	2.15	
296.00	14.00	
297.00	1.66	
298.00	0.91	
299.00	0.31	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	0.43	
301.00	7.99	
302.00	12.50	
303.00	6.25	
304.00	11.00	
305.00	12.90	
306.00	8.80	
307.00	12.20	
308.00	12.00	
309.00	14.50	
310.00	10.40	
311.00	11.30	
312.00	15.10	
313.00	14.10	
	EOH @ 313.03m	

PROPERTY NAME

Hole: **KL-12-131** **Date: September 9, 2012**

Box #	From (m)	To (m)
1	3.71	9.29
2	9.29	14.92
3	14.92	20.58
4	20.58	26.30
5	26.30	32.02
6	32.02	37.56
7	37.56	43.40
8	43.40	49.03
9	49.03	54.70
10	54.70	60.05
11	60.05	66.05
12	66.05	72.80
13	72.80	77.30
14	77.30	82.99
15	82.99	88.60
16	88.60	93.80
17	93.80	99.29
18	99.29	104.75
19	104.75	110.47
20	110.47	115.70
21	115.70	121.21
22	121.21	126.73
23	126.73	132.00
24	132.00	137.36
25	137.36	142.60
26	142.60	148.23
27	148.23	153.65
28	153.65	158.95
29	158.95	164.65

PROPERTY NAME

30	164.65	170.40
31	170.40	175.87
32	175.87	181.50
33	181.50	187.16
34	187.16	192.72
35	192.72	198.43
36	198.43	204.25
37	204.25	209.62
38	209.62	215.36
39	215.36	221.75
40	221.75	226.35
41	226.35	231.77
42	231.77	237.50
43	237.50	242.93
44	242.93	248.28
45	248.28	253.84
46	253.84	259.46
47	259.46	265.33
48	265.33	271.12
49	271.12	276.89
50	276.89	282.81
51	282.81	288.65
52	288.65	294.38
53	294.38	300.19
54	300.19	305.92
55	305.92	311.86
56	311.86	313.03
		EOH

KLAZA

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383241.25	6888823.4	1359.122	313.03

ZONE: BRX

SECTION: BRX 11+500 mE

HOLE: DDH-KL-12-132

CLAIM:

Contractor:

Drill: A5

Core size: NQ2 Reduced at: (m)

Casing depth: (m) in / **out**

Drilling dates: Sept 5th - Sept 7th, 2012

Geology logged by: N. Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
38.7096	38.6	-49.7	Ranger	191.1096	44.1	-48.3	Ranger
69.1896	40	-49.5	Ranger	221.5896	46.8	-48.3	Ranger
99.6696	41.2	-49.3	Ranger	252.0696	46.7	-48.3	Ranger
145.3896	43.7	-48.4	Ranger	282.5496	49.5	-48.3	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
1.81	16.67	14.86	OXI	Pervasive extreme oxidation.
16.67	87.90	71.23	GRD	Largely argillic altered granodiorite, zones of weak
				alteration.
87.90	99.58	11.68	FEL	Strongly oxidized and rubbled quartz feldspar
				porphyry dyke with sulphides in quartz veins on
				selvages.
99.58	313.03	213.45	GRD/FEL/	Mafic country rock alternating with quartz feldspar
			COU	porphyry dykes and altered granodiorite. Zones range
				from 10 to 80 m wide. Some areas with intense pyrite
				stringers and disseminated pyrite. Country rock
				is very mafic and generally magnetic.
				EOH @ 313.03 m.

SAMPLES

Numbers: M356604 - M356813

Total: 200

Batch: 133-1 - 133-6

Date Sent:

Certificate:

COMMENTS

KLAZA

Hole: DDH-KL-12-132 **Logger Name:** N. Bueckert **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
1.81	16.67	14.86				mKgW	GRD	MG		OR		5.00									HQ to 9.14 m. strong pervasive oxidation throughout. Red staining (5 mm) around stockwork stringers. Core rubbled.
16.67	22.10	5.43				mKgW	GRD	MG	LT	OR		5.00		ARG	2.00						Argillic alteration (weak/moderate), has strong-intense pervasive oxidation.
										BG											
22.10	37.45	15.35				mKgW	GRD	MG	LT	OR	PA	4.00		PHI	4.00	2.00					Patchy phyllic/argillic alteration. Orange/red stained plagioclase throughout. Disseminated pyrite in zones of strong phyllic alteration, moderate to strong pervasive alteration throughout.
									MD	GY	WH			ARG	3.00						
37.45	38.98	1.53				mKgW	GRD	MG	MD	GY	PA	2.00		PHI	5.00						Intense phyllic alteration with patchy argillic (15 cm zones).
									LT	OR											
38.98	43.25	4.27				mKgW	GRD	MG	MD	GY	PA	3.00		ARG	3.00						Argillic alteration with patchy phyllic alteration. Moderate pervasive oxidation (40-60 cm zones).
									OR	WH				PHI	4.00						
43.25	50.80	7.55				mKgW	GRD	MG	LT	GY		3.00		PHI	4.00						Patchy moderate argillic and phyllic alteration with weak to moderate oxidation throughout.
										WH	PA			ARG	3.00						
50.80	52.09	1.29				mKgW	GRD	MG		OR		5.00		ARG	3.00						Intense pervasive oxidation, core rubbled, argillic alteration.
52.09	56.23	4.14				mKgW	GRD	MG	LT	GY	PA	3.00		PHI	5.00						Patchy moderate argillic and phyllic alteration with weak to moderate oxidation throughout. Zones of moderate-strong oxidation.
										BG				ARG	3.00						
56.23	78.23	22.00				mKgW	GRD	MG	LT	GY	PA		2.00	PRO	4.00						Propylitic with patchy phyllic alteration (strong-intense). Both alteration types are silicious. Local patchy argillic alteration (80 cm) zones of grey with mottled green common. Propylitic alteration dominant, phyllic alteration zones wide (80-100 cm).
									LT	GN	MO			PHI	4.00						
78.23	80.35	2.12				mKgW	GRD	MG	LT	OR		3.00		ARG	3.00						Argillic alteration with moderate pervasive oxidation. Zones of crumbly core (20 cm).
										WH											
80.35	87.90	7.55				mKgW	GRD	MG	LT	GN	PA	1.00		PRO	3.00						Propylitic alteration with phyllic overprint. Phyllic alteration dominent last 80 cm are argillic alteration with 10 mm zones of silicious breccia. Fractures oxidized.
									MD	GN	GY			PHI	3.00						
87.90	88.70	0.80				LKqP	FEL		LT	BN	PO	3.00									Quartz feldspar porphyry dyke - type case, oxidized. Quartz eyes <1 cm.
88.70	93.20	4.50				mKgW	GRD	MG	LT	YL	PA	3.00		PHI	2.00						Argillic-phyllic alteration with pervasive oxidation. Limonite staining in fracture surfaces. Core rubbled for last meter.
									LT	OR				ARG	2.00						
93.20	96.10	2.90				LKqP	FEL		LT	OR	PO										Oxidized rubble, competent core is pitted. Plagioclase phenocrysts in dark grey crystalline matrix, non magnetic, doesn't look like typical quartz feldspar porphyry dyke.
96.10	99.58	3.48				LKqP	FEL		MD	GY	PO	3.00		PHI	5.00						Quartz feldspar porphyry dyke (same as above) with dark grey colour, frequent pyrite stringers. Fractures oxidized, core highly fractured for top half of interval.
99.58	150.27	50.69				mKgW	GRD	MG	LT	GW				ARG	5.00	3.00					Advanced argillic to intense phyllic alteration mottled grey-white-green colour, advanced argillic alteration with patchy phyllic alteration and sericite selvages associated with quartz-pyrite stringers. Zone silicious. Fracture controlled pyrite and locally disseminated pyrite throughout.
										WH	MO			PHI	5.00						
			130.48	130.61	0.13		MAF	FG		BK	AN										Jet black, very finegrained, non magnetic dyke. Has clasts <4 cm in mafic dyke.
											BX										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
150.27	154.53	4.26					MAF		DK	GN	AN										Dark green-black aphanitic mafic dyke (distinct from 130.48-130.61 m). Dyke has very patchy colouring, looks baked. Mottled aphanitic medium grained textures typical. Zones where massive coarse grained granodiorite looking textures grade to aphanitic - alteration? hornfels?
										BK	PA										
154.53	159.05	4.52				mKgW	GRD	MG	DK	GN	MO			PHI	5.00						Granodiorite. Intense phyllic alteration, sericite envelopes/selvages associated with stringers-veinlets. Mottled massive-aphanitic texture.
										WH											
159.05	168.24	9.19					MAF		DK	GN	AN										Dark green-black aphanitic mafic dyke (distinct from 130.48-130.61 m). Dyke has very patchy colouring, looks baked. Mottled aphanitic medium grained textures typical. Zones where massive coarse grained granodiorite looking textures grade to aphanitic - alteration? hornfels?
										BK	PA										
168.24	188.27	20.03				mKgW	GRD	MG	LT	GN				PHI	5.00						Advanced argillic to intense phyllic alteration mottled grey-white-green colour, advanced argillic alteration with patchy phyllic alteration and sericite selvages associated with quartz-pyrite stringers. Zone silicious. Fracture controlled pyrite and locally disseminated pyrite throughout.
									LT	GY				ARG	5.00						
188.27	190.09	1.82				LKqP	FEL		LT	GN	PO										Quartz feldspar porphyry dyke; quartz eyes present, plagiclase phenocrysts medium to coarse grained.
190.09	194.39	4.30					MAF		LT	BN	AN										Mafic dyke - patchy brown/black colouring. Dark green-black aphanitic mafic dyke (distinct from 130.48-130.61 m). Dyke has very patchy colouring, looks baked. Mottled aphanitic medium grained textures typical. Zones where massive coarse grained granodiorite looking textures grade to aphanitic - alteration? hornfels?
									DK	GY	PA										
194.39	195.28	0.89				LKqP	FEL		LT	GN	PO										Quartz feldspar porphyry dyke - type case - clay altered fractures with trace black sulphides.
195.28	273.10	77.82					MAF		MD	GN											Mafic dyke - patchy green-brown-black colouring throughout. Dark green-black aphanitic mafic dyke (distinct from 130.48-130.61 m). Dyke has very patchy colouring, looks baked. Mottled aphanitic medium grained textures typical. Zones where massive coarse grained granodiorite looking textures grade to aphanitic - alteration? hornfels? veining throughout. local light grey zones (60-80 cm) are associated with pyrite mineralization (massive). meter scale zones of black colouring common.
										BK											
273.10	294.25	21.15					MAF			BK	AN										Mafic dyke - patchy green-brown-black colouring throughout. Dominantly black colouring. Dark green-black aphanitic mafic dyke (distinct from 130.48-130.61 m). Dyke has very patchy colouring, looks baked. Mottled aphanitic medium grained textures typical. Zones where massive coarse grained granodiorite looking textures grade to aphanitic - alteration? hornfels? veining throughout. local light grey zones (60-80 cm) are associated with pyrite mineralization (massive). meter scale zones of black colouring common.
294.25	296.10	1.85					MAF			BK	AN										Mafic dyke. Core highly fractured/rubbley.
296.10	313.03	16.93					MAF		LT	GY											Mafic dyke. Dominantly black with meter scale patches of light grey and grey/brown associated with increase in veining.
										BK	AN										

KLAZA

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
																					EOH @ 313.03 m.

KLAZA

Hole: DDH-KL-12-132 Logger Name: N. Bueckert

Depth (m)	DESCRIPTION	
87.90 m	GRD - FEL	65 degrees TCA. Sharp contact. Oxidized. Appears to be no change in textures in either lithology.
88.7 m	FEL - GRD	contact not observable, core fractured.
93.20 m	GRD - FEL	Core has pervasive alteration, contact suspected (goes from oxidized rubble (phyllic altered granodiorite?) to crumbly, competent core.
99.58 m	FEL - GRD	65 degrees TCA. Sharp contact.
130.48, 130.61 m	GRD - MAF - GRD	60 degrees TCA. Sharp contact. No texture change at contact with either lithology.
150.27 m	GRD - MAF	Core fractured at contact, suspected sharp or gradational for 1 cm.
154.53 m	MAF - GRD	55 degrees TCA. MAF has gougey seams and 40 cm zones of brecciation and white-grey clay alteration (clay alteration might be granodiorite (intense phyllic alteration?)). Granodiorite has oxidized fractures for 30 cm.
150.27, 168.24 m	MAF - GRD - MAF	either contacts or clasts of granodiorite in MAF
168.24 m	MAF - GRD	30 degrees TCA. Sharp contact, no texture change with either lithology.
188.27 m	GRD - FEL	75 degrees TCA. Contact gougey/clay altered.
190.09 m	FEL - MAF	90 degrees TCA. Shard undulating, disseminated pyrite in mafic dyke. Quartz feldspar porphyry dyke has gougey seams (5 cm).
194.39 m	MAF - FEL	55 degrees TCA. Sharp contact. 5 mm grey gouge at contact. MAF has 12 cm zone of silicified breccia. Clasts are round/irregular.
195.28 m	FEL - MAF	88 degrees TCA. Sharp contact. Quartz feldspar porphyry dyke has no plagioclase phenocrysts for 30 cm. MAF - no texture changes.
EOH		

KLAZA

Depth (m)	DESCRIPTION

KLAZA

Hole: DDH-KL-12-132 **Logger Name:** N. Bueckert **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
St	16.67	22.10	0.90		20/m	Py	2.00	Stockwork pyrite stringers (oxidized and weathered) brown staining for 5 mm around stringers.	
St	22.10	37.45	40.00		11/m	Py	2.00	Oxidized pyrite? stringers similar to 16.67 - 22.10 m. oxidized quartz-pyrite veinlets 8 mm present, infrequent (py <15%) blebby.	
Vt	32.45	32.61	50.00		2.00	Py	3.00	Two white quartz veinlets (8 mm; 60, 40 degrees TCA) hosting pyrite mineralization.	
Go	37.23	37.45	90.00		1.00	Sc	10.00	Beige gouge zone (22 cm) with oxidation and scorodite streaks. Gritty granodiorite in gouge.	
St	37.45	38.98	70.00		30/m	Py	2.00	Intense pyrite stringers and veinlets.	
Vn	37.68	37.81	50.00			Py	20.00	Massive white quartz vein (11 cm) hosting semin massive pyrite, discontinuous white quarzt bands present 1/3 to upper vein wall. Black sulphide band (1cm) at upper vein wall.	
						So	10.00		
St-Vt	43.25	50.80	70.00		6/m	Py	2.00	Consistant pyrite stringers and veinlets (oxidized) with grey coloured selvage <1.5 cm.	
Vn	45.51	46.52			3.00	Py	80.00	Three white quartz veins (1, 1.5 cm, 9 mm) hosting disseminated to blebby pyrite (15 - 80%).	
Vn	49.26	49.29	50.00		1.00			Milky white quartz vein (2 cm) discontinuous banded. No sulphide mineralization.	
Vn	56.23	56.38	45.00		1.00	Py	25.00	White quartz vein (1 cm) hosting semi-massive pyrite, 25 cm downhole core is fractured, disseminated coarse grained pyrite in rubble, intense phyllic alteration.	
Vn?	61.65	61.72	45.00		1.00	Py	35.00	Vein? Semi-massive pyrite in dark grey-green zone with distinct orientation but indistinct structure. Just intense phyllic alteration?	
St	50.80	67.00	55.00		6/m	Py	2.00	Pyrite stringers > veinlets. Consistent pyrite typically altered to limonite, dark grey selvage common.	
						Li	2.00		
Vn	64.33	64.45	70.00		2.00	Py	<80	Massive grey quartz vein (3 cm) hosting massive pyrite (<80 %), milky white quartz (3 mm) on each vein wall. Lower vein, crustiform white quartz-carbonate vein (3 cm) hosting trace galena pyrite.	
						Gn	2.00		
Vt	75.25	75.35	80.00		2.00			Smokey quartz vein.	
Vn	80.10	80.20	60.00		2.00			Crumbly core (oxidized and weathered breccia) orientated 60 degrees TCA. Associated white quartz veinlets in zone.	
Vn?	78.36	78.54	75.00		2.00			Two sheeted black stains (1 cm, 3 cm) in oxidized crumbly argillic altered granodiorite.	
Vt	80.20	80.40	85.00		9.00			smoky quartz veinlets.	
St	80.35	87.90	75.00		15.00	Py	2.00	Pyrite stringers and limonite, dark grey selvage 6 mm.	
Bx	87.72	87.81				Py	8.00	Grey breccia? (oxidized) hosting blebby pyrite (8 %).	
Vn	122.42	122.47	45.00		1.00	Sph	10.00	Milky quartz vein hosting semi-massive sphalerite/pyrite and trace galena. Vein 5 cm thick in fractured core.	
						Py	20.00		
						Gn	2.00		
St	88.70	93.20	0-90		30.00	Py	3.00	Pyrite stringers, quartz veinlets at all orientations. Zone oxidized, pyrite altered to limonite.pitted zones (quartz veinlets with weathered out sulphides).	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Bx	93.20	93.65						Strong pervasive alteration in zone of gritty crumbly core. Suspected brecciated dyke or granodiorite. dyke contact orientation unknown.	
Vn?	93.65	94.07	70.00		1.00	Li	10.00	Pitted dyke with limonite/scorodite stained fractures. Oxidized quartz-pyrite veins (1.2 cm) hosting disseminated to semi-massive pyrite.	
						So	10.00		
						Py	15.00		
St-Vt	99.58	121.83	60.00		10/m	Py	2.00	Frequent and locally intense quartz/pyrite stringers to veinlets 50-70 degrees TCA. Infrequent low angle white quartz and smokey quartz veinlets (0-30 degrees TCA). Zones (40-60 cm) of dense sheeted pyrite stringers common. White sericite selvages associated with all veining are common.	
Vn	102.00	102.02			1.00	Py	40.00	Pink quartz vein (1.7 cm) with semi-massive pyrite on vein walls. Intensely fractured core, orientation unknown.	
Vn	112.13	113.50	40.00		6.00	Py	20.00	Oxidized veins (4 cm), one smokey quartz veinlet hosts blebby pyrite and intergrown chalcopyrite.	
						Cp	10.00		
Vt-Vn	121.95		60.00		4/m	Py	<25	Grey quartz veinlets (<8 mm) hosting blebby-stringy pyrite (25 %) are common/consistent. Veinlets typically have 1-2 cm quartz-sericite selvage. Pyrite stringers present in 1-2 m zones and typically have chalcedony selvages (4 mm).	
Go	140.27	140.64	45.00		2.00			Two gouge zones (2 cm) grey colour, no mineralization.	
Vn	142.34	142.44	30.00		1.00	Py	30.00	Milky quartz vein (1 cm) hosting blebby pyrite.	
Vn	144.95	145.52	0/30		2.00	Py	25.00	Massive grey quartz (2-3 cm) cuts core axis at 30 degrees then travels o degrees TCA. Hosts blebby pyrite and stringy pyrite (6 mm) along vein walls (25 % Py). Lower vein is milky quartz (6 cm) hosting semi-massive pyrite (80 % Py).	
						Py	80.00		
St-Vt	150.27	168.24	0-90		15/m	Py	40.00	Frequent, locally intense veining. Quartz-pyrite veinlets dominate (grey quartz hosting blebby-stringy pyrite) 50-70 degrees TCA. Frequent pyrite stringers. White quartz veinlets crosscut quartz-pyrite veinlets (0-90 degrees TCA); netted white veinlets (associated with MAF) host trace pyrite and galena.	
						Gn	1.00		
Vn	160.71	160.80	40.00		1.00			Banded white quartz-grey quartz vein (1.7 cm) hosting stringy pyrite (4 mm) to semi-massive pyrite. Grey quartz hosts the pyrite.	
Vn	169.53	169.66	35.00		2.00	Py	25.00	Two grey quartz veins hosting blebby pyrite and stringy pyrite at vein walls. Veins 1.6, 0.8 cm. Eight pyrite stringers in vein walls (hanging wall)	
Vt	168.24	188.27	60.00		10/m	Py	30.00	Frequent and locally intense quartz/pyrite stringers to veinlets 50-70 degrees TCA. Infrequent low angle white quartz and smokey quartz veinlets (0-30 degrees TCA). Zones (40-60 cm) of dense sheeted pyrite stringers common. White sericite selvages associated with all veining are common.	
Vn	171.55	171.62	70.00		1.00	Py	20.00	Massive grey quartz vein (5 cm) with 1 cm semi-massive pyrite band midline.	
Vn	175.75	180.26	60.00		4.00	Py	40.00	Four massive grey quartz veins (1, 4, 1, 6 cm) hosting blebby to semi-massive pyrite (15-40 %).	
Bx	171.84	171.92	80.00		1.00			Silicified black breccia with subangular granodiorite clasts (1 cm) disseminated pyrite throughout (matrix 40 %)	
Vn/Go	188.16	188.27				Py	90.00	Massive pyrite 6 cm in intense phyllic alteration. Doesn't appear to be a vein. Grey gouge hosts disseminated pyrite (5 cm). Core fractured, orientation unknown.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Bx	190.09	190.17	88.00		1.00	Py	8.00	Black breccia - sub-angular granodiorite (5-8 mm); matrix hosts disseminated to blebby pyrite. Matrix is gritty (fine grained).	
Vn	191.26	191.28	90.00		1.00	Py	95.00	White quartz vein hosting massive pyrite.	
Vt	194.06	194.15	25.00		1.00	Cp		Pyrite veinlet with intergrown chalcopyrite.	
						Py			
St-Vt	195.28	199.00	60.00		30.00	Py	3.00	Calcite veinlets, crosscutting pyrite stringers and veinlets (infrequent). 196.64-196.66 m - white quartz-carbonate vein (1 cm) hosting trace pyrite. Blebby pyrite associated with local silica flooding.	
Vn	195.55	195.57	75.00		1.00	Py	95.00	Massive pyrite (2.5 cm) infill? No associated quartz vein.	
St-Vt	199.00	263.30	40-80		20/m	Py	90.00	Frequent, locally intense pyrite stringers, quartz-pyrite stringers to veinlets and pyrite/chalcopyrite veins (see below). Carbonate veinlets (frequent) crosscut all quartz pyrite veining. Infrequent quartz-pyrite veinlets (80 % pyrite) occur at low angle to core axis. quartz-pyrite veinlets typically have dark grey-green envelopes (1 cm).	
Vn	197.48	197.88	85.00		3.00	Py	95.00	Massive pyrite veins (1, 2.5, 1 cm), no quartz associated. Middle vein hosts intergrown chalcopyrite.	
						Cp	8.00		
Vn	206.90	207.00			1.00	Py	8.00	Smokey quartz vein hosting blebby pyrite (8 %). Core fractured in zone. Minor gouge in footwall.	
Vn	207.46	207.55	40.00		1.00	Py	85.00	Massive pyrite zone (6 cm), no quartz associated, intergrown chalcopyrite (8 %).	
						Cp	8.00		
Bx	207.91	207.94	50.00		1.00			Brecciated dyke in silica flooded zone (3 cm).	
Vn	216.96	217.00	55.00		1.00			Massive white comb quartz-carbonate vein (3 cm). No mineralization.	
Vn	218.34	218.54				Gn	35.00	Netted white quartz veinlets hosting blebby (5-8 mm) sphalerite and one intergrown galena-sphalerite band (1 cm) with blebby pyrite (6 %).	
						Sph	20.00		
						Py	6.00		
Vn	219.75	219.76	70.00		1.00	Py	3.00	Crustoform white quartz-carbonate vein (1 cm) hosting weak blebby pyrite (3 %).	
Dk	225.17	225.24	35.00		1.00			Pink with pale green specks - aplite dyke (7 cm).	
Vn	234.27	234.31	30.00		1.00	Py	10.00	Milky white quartz vein hosting blebby pyrite.	
Vn	234.56	234.89	80.00		1.00	Py	95.00	Massive white quartz vein hosting massive pyrite.	
Vn	242.39	242.43	60.00		1.00	Py	5.00	White crustiform quartz-carbonate vein (1.5 cm) hosting weak to strong pyrite.	
Vn	244.00	244.02	70.00		1.00	Py	15.00	Smokey quartz vein hosting blebby pyrite.	
Vn	244.73	244.74	40.00		1.00			Milky quartz vein (1 cm) hosting trace pyrite and black sulphide stringers. Brecciated by massive carbonate vein (1 cm) with same orientation.	
Vn	247.59	247.62	85.00		1.00	Py	4.00	Vuggy smokey quartz vein (3 cm) and crustoform white quartz vein. Hosts weak disseminated pyrite.	
Bx	251.00	251.54	50.00		1.00	Py	5.00	Grey crumbly brecciated mafic dyke, sub-angular clasts (0.5-2.0 cm) in gritty clay altered matrix hosting blebby pyrite. Cataclastic? Zone is in footwall of 1 cm massive white quartz vein.	
Vn	255.59	255.65	35.00		1.00	Py	10.00	Milky white quartz veinlet to vein (2 mm to 2 cm) blowout? Hosting blebby pyrite rimmed by galena. Brecciated dyke in vein, clasts angular.	

KLAZA

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Gn	3.00		
Vt-Vn	258.51	258.93	55.00		7.00	Py	6.00	Quartz-pyrite veinlet and quartz-pyrite vein (1 cm) and 8 cm zone of brecciated dyke in beige coloured dyke zone. Quartz stringers abundant.	
Go-Bx	261.90	262.57	70.00		1.00	Py	1.00	Brecciated mafic dyke (light brown) in gouge/clay altered zone (33 cm). Grey sulphide streaks in gouge. White quartz with stringy black sulphide veining (10 cm of dense veinlets) in footwall.	
Vt	263.30	291.50	40-70		8/m	Py	6.00	Decrease in quartz-pyrite stringers-veinlets, carbonate stringers-veinlets dominant massive white carbonate veins (1 cm) infrequent.	
St	263.30	291.50	20-60		20/m				
Vn	288.56	288.61	90.00		2.00			Massive white and pink banded carbonate veining (1, 3.5 cm veins) no sulphides.	
Vn	290.17	290.31	60.00		1.00	Py	35.00	Milky white and grey quartz vein (3.5 cm) hosting semi-massive pyrite mineralization. Quartz-carbonate veinlets (milky white) in footwall (4 veinlets).	
Vn	291.84	291.85	45.00		1.00	Py	15.00	Massive white quartz vein and carbonate (1.3 cm) hosting clotted pyrite mineralization.	
Vn	300.37	301.03	80.00		4.00	Py	60.00	Quartz veins (white) hosting/associated with semi-massive pyrite (30 %). Lowest vein hosts intergrown pyrite (60 %) and chalcopyrite (5 %).	
						Cp	5.00		
Vn-Go	302.96	303.33	60.00		5.00	Py	60.00	Zone of brecciated pink quatz-carbonate veins (2 cm) associated with carbonate rich grey gouge (3 cm). Massive pyrite (60 %) occurs with one brecciated quartz carbonate vein (2 cm). Blebby pyrite (10 %) occurs with gouge zone (2 cm). Pink quartz-carbonate veinlets occur in zone.. dyke is speckled grey-brown for 2 m around this zone.	
Vn-Go	303.59	303.62	65.00		1.00	Py	10.00	Grey gouge-quartz vein (3 cm) hosting blebby pyrite (10 %).	
Vn	308.27	308.28	75.00		1.00	Py	8.00	White quartz-carbonate vein hosting stringy pyrite.	
Bx	308.85	308.91	70.00		1.00	Py	4.00	Grey breccia with distinct orientation. Sub-angular mafic dyke clasts (0.6-2.0 cm) and elongate black sulphide? (fine grained black clasts). Clasts (2 cm) in medium grained grey matrix hosting trace disseminated pyrite mineralization.	
Vt	291.50	313.03	50-70		6/m	Py	3.00	Moderate increase in quartz-pyrite stringers (carbonate veinlets and stringers have same frequency). Quartz-pyrite veinlets commonly host dark green-black mineral (chlorite?). Quartz-pyrite veins (1 cm) infrequent.	
								EOH	

KLAZA

Hole: DDH-KL-12-132 **Date:**

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
24	1500	1690	501.2	312.4	GRD		PHC	3			2.637895	2.654661	Weathered phyllic alteration - oxidized fractures.
37.6	1500	1740	768.5	526.2	GRD	VN			Py	35	3.202083	3.171688	Massive white quartz vein hosting semi-massive pyrite. White quartz bands.
49.5	1500	1700	565.4	355	GRD		ARG	3			2.827	2.687262	Argillic altered granodiorite with phyllic overprint Milky white quartz vein (1.5cm)
64.3	1480	1750	756.2	493.3	GRD	VN	PHC	5	Py	15	2.800741	2.876379	Grey quartz vein (4cm) hosting semi-massive pyrite (80%)
81.38	1480	1680	506.2	316.8	GRD	MA	PRO	3			2.531	2.67265	Patchy propyllitic and phyllic alteration.
							PHC	3					
88	1480	1760	734.2	566.1	FEL	PO					2.622143	4.367638	Quartz feldspar porphyry dyke - type case. Quartz eyes present.
99	1480	1680	584.6	380.9	FEL	PO					2.923	2.869907	Plag-phyric with grey matrix
114.91	1480	1740	735.8	471			PHC	5			2.83	2.778701	Intense phyllic overprint on argillic. Sericite envelopes associated with pyrite stringers.
							ARG	4					
130.5	1465	1620	422.7	271	MAF	BX			Py	3	2.727097	2.786421	Mafic dyke with granodiorite clasts 3cm.
145.39	1465	1720	731.4	483.9	GRD	MA	PHC	5	Py	3	2.868235	2.955152	Phyllic alteration and sericite selveges with pyrite stringers.
160.63	1465	1720	719.5	464.6	MAF	AN					2.821569	2.822676	Mafic dyke, aphanitic. Suspected country rock.
181.97	1465	1710	661.4	421.8	GRD	MA	PHC	5	Py	3	2.699592	2.760434	Phyllic alteration with pyrite stringers (4)
189.5	1460	1660	540	337.4	FEL	PO					2.7	2.66535	Quartz feldspar porphyry dyke - type case
197.21	1460	1620	472.4	308.3	MAF	AN					2.9525	2.878732	Medium grained, light grey, white quartz stringers (3) - suspected country rock.
218.65	1460	1700	667.2	426.1	MAF	AN					2.78	2.767316	Light green "zoned" texture - suspected country rock.
236.83	1460	1660	550.7	340.1	MAF	AN					2.7535	2.61491	Dark grey, medium grained - suspected country rock.

KLAZA

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
244.6	1445	1700	696.7	447.4	MAF	AN					2.732157	2.794625	Brown mafic dyke with 2cm wide quartz-calcite (?) vein with stringy black sulphides.
261.21	1445	1660	576.9	355.2	MAF	AN					2.683256	2.602165	Green-brown aphanitic mafic dyke
279	1445	1700	704.9	445.6	MAF	AN					2.764314	2.718473	Black aphanitic mafic dyke.
288.64	1445	1770	942.1	550.4	MAF	AN					2.898769	2.405157	Green-brown mafic dyke with 5cm calcite (?) vein (massive - crustiform)
309.98	1445	1640	554.2	353.9	MAF	AN					2.842051	2.76685	Black aphanitic mafic dyke.
													EOH

KLAZA

Hole: DDH-KL-12-132 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
1.81	4.87	3.06	2.00	65.4	M356604	132-1				Casing - poor recovery
4.87	7.92	3.05	1.10	36.1	M356605	132-1				Casing - poor recovery
7.92	11.28	3.36	1.25	37.2	M356606	132-1				Casing - poor recovery
11.28	14.32	3.04	2.00	65.8	M356607	132-1				Casing - poor recovery
14.32	17.37	3.05	2.80	91.8	M356608	132-1				
					M356609	132-1				CDN-ME-6
17.37	20.42	3.05	2.59	84.9	M356610	132-1				
20.42	21.72	1.30	1.21	93.1	M356611	132-1				
21.72	22.75	1.03	1.03	100	M356612	132-1				
22.75	23.75	1.00	0.97	97	M356613	132-1				
23.75	24.81	1.06	1.06	100	M356614	132-1				
					M356615	132-1				BLANK
24.81	26.47	1.66	1.62	97.6	M356616	132-1				
26.47	29.07	2.60	2.45	94.2	M356617	132-1				
29.07	31.28	2.21	2.07	93.7	M356618	132-1				
31.28	32.61	1.33	1.21	91	M356619	132-1				
32.61	33.74	1.13	1.13	100	M356620	132-1				
					M356621	132-1				STANDARD KLAZA 1
33.74	35.66	1.92	1.92	100	M356622	132-1				
35.66	36.68	1.02	1.02	100	M356623	132-1				
36.68	38.07	1.39	1.35	97.1	M356624	132-1				
					M356625	132-1				BLANK
38.07	39.23	1.16	1.16	100	M356626	132-1				
39.23	40.53	1.30	1.30	100	M356627	132-1				
40.53	42.59	2.06	2.06	100	M356628	132-1				
42.59	43.59	1.00	1.00	100	M356629	132-1				
43.59	45.40	1.81	1.81	100	M356630	132-1				
					M356631	132-1				1/4 DUPLICATE

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
45.40	46.40	1.00	1.00	100	M356632	132-1				
46.40	47.45	1.05	1.05	100	M356633	132-1				
47.45	48.85	1.40	1.40	100	M356634	132-1				
48.85	49.85	1.00	1.00	100	M356635	132-1				
					M356636	132-1				COARSE REJECT DUPLICATE
49.85	50.90	1.05	1.05	100	M356637	132-1				
50.90	52.00	1.10	0.95	86.4	M356638	132-1				
52.00	53.95	1.95	1.95	100	M356639	132-1				
53.95	55.56	1.61	1.60	99.4	M356640	132-2				
55.56	56.65	1.09	1.00	91.7	M356641	132-2				
56.65	57.90	1.25	1.25	100	M356642	132-2				
57.90	60.05	2.15	2.00	93	M356643	132-2				
60.05	61.26	1.21	1.21	100	M356644	132-2				
					M356645	132-2				STANDARD KLAZA 2
61.26	62.33	1.07	1.05	98.1	M356646	132-2				
62.33	64.24	1.91	1.81	94.8	M356647	132-2				
64.24	65.24	1.00	0.95	95	M356648	132-2				
					M356649	132-2				BLANK
65.24	66.66	1.42	1.41	99.3	M356650	132-2				
66.66	69.19	2.53	2.45	96.8	M356651	132-2				
69.19	72.45	3.26	3.26	100	M356652	132-2				
72.45	75.29	2.84	2.84	100	M356653	132-2				
					M356654	132-2				COARSE REJECT DUPLICATE
75.29	78.00	2.71	2.68	98.9	M356655	132-2				
78.00	79.00	1.00	0.99	99	M356656	132-2				
79.00	80.29	1.29	1.19	92.2	M356657	132-2				
80.29	81.38	1.09	1.09	100	M356658	132-2				
81.38	84.43	3.05	2.93	96.1	M356659	132-2				
84.43	86.83	2.40	2.28	95	M356660	132-2				
					M356661	132-2				CDN-ME-6

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
86.83	87.83	1.00	1.00	100	M356662	132-2				
87.83	88.83	1.00	1.00	100	M356663	132-2				
88.83	90.53	1.70	1.70	100	M356664	132-2				
90.53	91.93	1.40	1.40	100	M356665	132-2				
91.93	93.15	1.22	1.19	97.5	M356666	132-2				
93.15	94.15	1.00	1.00	100	M356667	132-2				
					M356668	132-2				BLANK
94.15	96.62	2.47	2.35	95.1	M356669	132-2				
96.62	97.62	1.00	0.82	82	M356670	132-2				Poor recovery
97.62	99.57	1.95	1.95	100	M356671	132-2				
99.57	101.73	2.16	2.16	100	M356672	132-2				
					M356673	132-2				1/4 DUPLICATE
101.73	102.78	1.05	1.05	100	M356674	132-2				
102.78	104.77	1.99	1.92	96.5	M356675	132-2				
104.77	105.77	1.00	1.00	100	M356676	133-3				
105.77	108.26	2.49	2.43	97.6	M356677	133-3				
108.26	109.98	1.72	1.71	99.4	M356678	133-3				
109.98	111.21	1.23	1.23	100	M356679	133-3				
111.21	112.21	1.00	0.97	97	M356680	133-3				
112.21	113.37	1.16	1.16	100	M356681	133-3				
					M356682	133-3				BLANK
113.37	114.91	1.54	1.54	100	M356683	133-3				
114.91	117.42	2.51	2.51	100	M356684	133-3				
117.42	118.42	1.00	1.00	100	M356685	133-3				
118.42	121.01	2.59	2.59	100	M356686	133-3				
121.01	122.35	1.34	1.34	100	M356687	133-3				
122.35	123.35	1.00	0.97	97	M356688	133-3				
					M356689	133-3				BLANK
123.35	125.44	2.09	1.89	90.4	M356690	133-3				
125.44	126.44	1.00	1.00	100	M356691	133-3				
126.44	127.53	1.09	1.09	100	M356692	133-3				
127.53	130.15	2.62	2.58	98.5	M356693	133-3				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M356694	133-3				COARSE REJECT DUPLICATE
130.15	133.20	3.05	3.05	100	M356695	133-3				
133.20	136.25	3.05	3.05	100	M356696	133-3				
136.25	137.69	1.44	1.42	98.6	M356697	133-3				
137.69	139.75	2.06	2.06	100	M356698	133-3				
139.75	140.75	1.00	0.95	95	M356699	133-3				
140.75	141.95	1.20	1.20	100	M356700	133-3				
					M356701	133-3				CDN-ME-6
141.95	142.95	1.00	1.00	100	M356702	133-3				
142.95	144.89	1.94	1.91	98.5	M356703	133-3				
144.89	145.89	1.00	1.00	100	M356704	133-3				
145.89	148.44	2.55	2.50	98	M356705	133-3				
					M356706	133-3				1/4 DUPLICATE
148.44	150.48	2.04	1.83	89.7	M356707	133-3				
150.48	151.49	1.01	1.00	99	M356708	133-3				
151.49	154.13	2.64	2.50	94.7	M356709	133-3				
					M356710	133-3				CDN-ME-6
154.13	155.37	1.24	1.24	100	M356711	133-3				
155.37	157.58	2.21	2.20	99.5	M356712	133-4				
157.58	160.63	3.05	2.65	86.9	M356713	133-4				
160.63	161.89	1.26	1.21	96	M356714	133-4				
161.89	163.68	1.79	1.79	100	M356715	133-4				
163.68	164.68	1.00	1.00	100	M356716	133-4				
164.68	166.73	2.05	2.05	100	M356717	133-4				
					M356718	133-4				1/4 DUPLICATE
166.73	168.26	1.53	1.53	100	M356719	133-4				
168.26	171.31	3.05	3.05	100	M356720	133-4				
					M356721	133-4				CDN-ME-6
171.31	172.47	1.16	1.16	100	M356722	133-4				
172.47	174.94	2.47	2.38	96.4	M356723	133-4				
174.94	176.33	1.39	1.38	99.3	M356724	133-4				
					M356725	133-4				BLANK

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
176.33	179.37	3.04	3.04	100	M356726	133-4				
179.37	180.54	1.17	1.13	96.6	M356727	133-4				
180.54	182.58	2.04	1.96	96.1	M356728	133-4				
182.58	183.84	1.26	1.23	97.6	M356729	133-4				
					M356730	133-4				STANDARD KLAZA 2
183.84	185.04	1.20	1.20	100	M356731	133-4				
185.04	186.88	1.84	1.79	97.3	M356732	133-4				
186.88	188.36	1.48	1.48	100	M356733	133-4				
					M356734	133-4				BLANK
188.36	190.11	1.75	1.71	97.7	M356735	133-4				
190.11	191.33	1.22	1.22	100	M356736	133-4				
191.33	193.38	2.05	2.05	100	M356737	133-4				
193.38	194.42	1.04	1.03	99	M356738	133-4				
194.42	195.34	0.92	0.92	100	M356739	133-4				FEL PO DYKE
195.34	196.34	1.00	0.98	98	M356740	133-4				
196.34	197.43	1.09	1.03	94.5	M356741	133-4				
					M356742	133-4				COARSE REJECT DUPLICATE
197.43	198.43	1.00	0.96	96	M356743	133-4				
198.43	200.25	1.82	1.82	100	M356744	133-4				
200.25	203.07	2.82	2.79	98.9	M356745	133-4				
203.07	205.92	2.85	2.81	98.6	M356746	133-4				
205.92	206.92	1.00	1.00	100	M356747	133-4				
206.92	207.92	1.00	1.00	100	M356748	133-5				
207.92	209.09	1.17	1.15	98.3	M356749	133-5				
209.09	212.09	3.00	2.96	98.7	M356750	133-5				
212.09	214.06	1.97	1.97	100	M356751	133-5				
214.06	216.68	2.62	2.58	98.5	M356752	133-5				
					M356753	133-5				STANDARD KLAZA 2
216.68	217.68	1.00	1.00	100	M356754	133-5				
217.68	218.68	1.00	1.00	100	M356755	133-5				
					M356756	133-5				BLANK
218.68	219.75	1.07	1.07	100	M356757	133-5				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
219.75	221.26	1.51	1.51	100	M356758	133-5				
221.26	223.89	2.63	2.60	98.9	M356759	133-5				
					M356760	133-5				COARSE REJECT DUPLICATE
223.89	226.77	2.88	2.88	100	M356761	133-5				
226.77	229.35	2.58	2.58	100	M356762	133-5				
229.35	230.73	1.38	1.38	100	M356763	133-5				
230.73	232.44	1.71	1.71	100	M356764	133-5				
					M356765	133-5				1/4 DUPLICATE
232.44	235.00	2.56	2.45	95.7	M356766	133-5				
235.00	236.52	1.52	1.52	100	M356767	133-5				
236.52	239.00	2.48	2.45	98.8	M356768	133-5				
					M356769	133-5				STANDARD KLAZA 1
239.00	240.42	1.42	1.42	100	M356770	133-5				
240.42	241.75	1.33	1.33	100	M356771	133-5				
241.75	242.78	1.03	1.03	100	M356772	133-5				
					M356773	133-5				BLANK
242.78	244.00	1.22	1.22	100	M356774	133-5				
244.00	245.04	1.04	1.02	98.1	M356775	133-5				
245.04	246.69	1.65	1.59	96.4	M356776	133-5				
246.69	247.69	1.00	0.97	97	M356777	133-5				
247.69	249.76	2.07	1.97	95.2	M356778	133-5				
249.76	250.76	1.00	1.00	100	M356779	133-5				
250.76	251.76	1.00	0.98	98	M356780	133-5				
251.76	254.61	2.85	2.85	100	M356781	133-5				
254.61	255.71	1.10	1.07	97.3	M356782	133-5				
255.71	257.51	1.80	1.73	96.1	M356783	133-5				
257.51	258.51	1.00	0.98	98	M356784	133-6				
258.51	261.21	2.70	2.70	100	M356785	133-6				
261.21	262.35	1.14	1.12	98.2	M356786	133-6				
					M356787	133-6				BLANK
262.35	264.26	1.91	1.91	100	M356788	133-6				
264.26	267.31	3.05	3.05	100	M356789	133-6				

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
267.31	270.36	3.05	3.05	100	M356790	133-6				
270.36	273.40	3.04	3.02	99.3	M356791	133-6				
					M356792	133-6				COARSE REJECT DUPLICATE
273.40	276.45	3.05	3.05	100	M356793	133-6				
276.45	279.50	3.05	3.05	100	M356794	133-6				
279.50	282.55	3.05	2.79	91.5	M356795	133-6				
					M356796	133-6				STANDARD KLAZA 1
282.55	285.60	3.05	2.90	95.1	M356797	133-6				
285.60	288.53	2.93	2.93	100	M356798	133-6				
288.53	289.80	1.27	1.27	100	M356799	133-6				
289.80	290.80	1.00	1.00	100	M356800	133-6				
					M356801	133-6				BLANK
290.80	291.92	1.12	1.12	100	M356802	133-6				
291.92	294.75	2.83	2.76	97.5	M356803	133-6				
294.75	297.78	3.03	2.93	96.7	M356804	133-6				
297.78	300.35	2.57	2.57	100	M356805	133-6				
					M356806	133-6				STANDARD KLAZA 2
300.35	302.35	2.00	2.00	100	M356807	133-6				
302.35	303.35	1.00	1.00	100	M356808	133-6				
303.35	305.86	2.51	2.48	98.8	M356809	133-6				
305.86	307.97	2.11	2.10	99.7	M356810	133-6				
307.97	308.97	1.00	1.00	99.7	M356811	133-6				
308.97	311.57	2.60	2.57	98.8	M356812	133-6				
311.57	313.03	1.46	1.44	98.6	M356813	133-6				EOH

KLAZA

Hole: DDH-KL-12-132 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
1.81	3.05	1.24	1.04	84	0.00	0		1	0	4	
3.05	4.87	1.82	0.70	38	0.00	0		1	0	4	
4.87	6.10	1.23	0.80	65	0.00	0		1	0	4	
6.10	7.01	0.91	0.30	33	0.00	0		1	0	3	
7.01	8.70	1.69	0.50	30	0.00	0		1	0	3	
8.70	9.14	0.44	0.10	23	0.00	0		1	0	4	
9.14	11.28	2.14	0.75	35	0.00	0		1	0	4	
11.28	14.32	3.04	1.73	57	0.00	0		1	0	4	
14.32	17.37	3.05	2.29	75	0.32	10		1	0	4	
17.37	20.42	3.05	2.69	88	0.17	6		1	0	3	
20.42	23.47	3.05	2.99	98	0.77	25		2	1	3	
23.47	26.52	3.05	3.05	100	0.96	31		2	1	2	
26.52	29.56	3.04	2.87	94	0.87	29		2	2	3	
29.56	32.61	3.05	2.55	84	0.66	22		2	2	2	
32.61	35.66	3.05	3.01	99	1.99	65		2	3	2	
35.66	38.71	3.05	3.05	100	1.04	34		2	1	3	
38.71	41.76	3.05	2.83	93	0.70	23		2	2	3	
41.76	44.81	3.05	3.05	100	1.93	63		2	3	2	
44.81	47.85	3.04	3.04	100	1.86	61		2	2	2	
47.85	50.90	3.05	3.05	100	1.89	62		2	0	2	
50.90	53.95	3.05	3.01	99	0.47	15		2	2	3	
53.95	57.00	3.05	3.02	99	0.56	18		1	1	4	
57.00	60.05	3.05	2.90	95	2.37	78		2	3	2	
60.05	63.09	3.04	2.86	94	1.92	63		2	3	2	
63.09	66.14	3.05	2.97	97	1.32	43		2	3	2	
66.14	69.19	3.05	2.63	86	1.50	49		2	3	2	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
69.19	72.24	3.05	3.00	98	1.76	58		2	3	2	
72.24	75.29	3.05	3.01	99	2.10	69		2	3	2	
75.29	78.33	3.04	2.80	92	2.25	74		2	3	2	
78.33	81.38	3.05	2.82	92	1.55	51		2	3	2	
81.38	84.43	3.05	2.90	95	2.18	71		2	3	2	
84.43	87.48	3.05	2.90	95	2.45	80		2	3	2	
87.48	90.53	3.05	2.95	97	1.05	34		2	2	2	
90.53	93.57	3.04	2.85	94	1.07	35		2	2	2	
93.57	96.62	3.05	1.86	61	0.35	11		2	1	4	
96.62	99.67	3.05	2.70	89	0.26	9		2	0	2	
99.67	102.72	3.05	2.82	92	2.00	66		2	2	2	
102.72	105.77	3.05	2.93	96	2.67	88		2	3	1	
105.77	108.81	3.04	2.89	95	2.70	89		2	3	1	
108.81	111.86	3.05	3.00	98	2.60	85		2	3	1	
111.86	114.91	3.05	3.05	100	2.77	91		2	3	1	
114.91	117.96	3.05	3.02	99	2.83	93		2	3	1	
117.96	121.01	3.05	2.90	95	2.90	95		2	3	1	
121.01	124.05	3.04	2.80	92	2.50	82		2	3	1	
124.05	127.10	3.05	2.90	95	2.60	85		2	3	1	
127.10	130.15	3.05	2.95	97	2.78	91		2	3	1	
130.15	133.19	3.04	3.02	99	2.90	95		2	3	1	
133.19	136.25	3.06	2.84	93	2.74	90		2	3	1	
136.25	139.29	3.04	3.05	100	2.30	76		2	3	1	
139.29	142.34	3.05	3.00	98	1.93	63		2	2	1	
142.34	145.39	3.05	3.00	98	3.00	98		2	3	1	
145.39	148.44	3.05	2.94	96	2.47	81		2	2	1	
148.44	151.49	3.05	2.90	95	0.80	26		2	2	1	
151.49	154.53	3.04	2.50	82	1.37	45		2	1	1	
154.53	157.58	3.05	2.65	87	2.68	88		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
157.58	160.63	3.05	2.60	85	2.70	89		2	0	1	
160.63	163.68	3.05	3.05	100	1.70	56		2	1	1	
163.68	166.73	3.05	3.05	100	3.05	100		2	3	1	
166.73	169.77	3.04	2.90	95	2.90	95		2	3	1	
169.77	172.82	3.05	3.00	98	2.75	90		2	3	1	
172.82	175.87	3.05	2.91	95	2.50	82		2	2	1	
175.87	178.92	3.05	3.01	99	2.34	77		2	3	1	
178.92	181.97	3.05	2.82	92	1.55	51		2	3	1	
181.97	185.01	3.04	3.05	100	2.47	81		2	2	1	
185.01	188.06	3.05	2.90	95	1.50	49		2	1	1	
188.06	191.11	3.05	2.95	97	2.15	70		2	2	2	
191.11	194.16	3.05	3.05	100	1.20	39		2	3	1	
194.16	197.21	3.05	2.90	95	2.65	87		2	1	1	
197.21	200.25	3.04	3.05	100	2.35	77		2	3	1	
200.25	203.30	3.05	2.98	98	2.45	80		2	3	1	
203.30	206.35	3.05	2.90	95	2.25	74		2	3	1	
206.35	209.40	3.05	3.00	98	2.40	79		2	2	1	
209.40	212.45	3.05	2.95	97	2.29	75		2	3	1	
212.45	215.49	3.04	2.91	96	2.40	79		2	3	1	
215.49	218.54	3.05	2.66	87	2.65	87		2	3	1	
218.54	221.60	3.06	2.90	95	2.00	65		2	3	1	
221.60	224.64	3.04	3.00	99	2.05	67		2	3	1	
224.64	227.69	3.05	3.05	100	2.07	68		2	3	1	
227.69	230.73	3.04	2.90	95	2.15	71		2	3	1	
230.73	233.78	3.05	3.00	98	2.75	90		2	3	1	
233.78	236.83	3.05	3.00	98	2.32	76		2	2	1	
236.83	239.88	3.05	3.05	100	2.56	84		2	3	1	
239.88	242.93	3.05	3.05	100	2.60	85		2	3	1	
242.93	245.97	3.04	3.00	99	2.50	82		2	3	1	
245.97	249.02	3.05	2.90	95	1.88	62		2	3	1	

KLAZA

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
249.02	252.07	3.05	2.90	95	2.90	95		2	3	1	
252.07	255.12	3.05	2.97	97	2.90	95		2	3	1	
255.12	258.17	3.05	2.82	92	2.12	70		2	3	1	
258.17	261.21	3.04	2.75	90	1.32	43		2	3	1	
261.21	264.26	3.05	3.02	99	2.60	85		2	3	1	
264.26	267.31	3.05	3.00	98	2.82	92		2	3	1	
267.31	270.36	3.05	2.98	98	2.05	67		2	3	1	
270.36	273.40	3.04	2.95	97	1.83	60		2	2	1	
273.40	276.45	3.05	2.93	96	2.33	76		2	3	1	
276.45	279.50	3.05	3.00	98	1.13	37		1	1	3	
279.50	282.55	3.05	2.80	92	0.80	26		1	2	3	
282.55	285.60	3.05	3.05	100	2.10	69		2	2	1	
285.60	288.64	3.04	3.02	99	1.72	57		2	3	1	
288.64	291.69	3.05	3.05	100	2.21	72		2	3	1	
291.69	294.75	3.06	2.92	95	2.30	75		2	2	1	
294.75	297.78	3.03	2.80	92	0.76	25		1	3	3	
297.78	300.84	3.06	3.04	99	2.92	95		2	3	1	
300.84	303.89	3.05	2.90	95	2.02	66		2	2	1	
303.89	306.93	3.04	2.96	97	2.60	86		2	3	1	
306.93	309.98	3.05	3.02	99	3.02	99		2	3	1	
309.98	313.03	3.05	2.87	94	1.87	61		2	2	1	
	EOH @ 313.03m										

KLAZA

Hole: DDH-KL-12-132 **Tech Name:** **Date:** **Page** **of**

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
1.81	3.05	1.24	0.00	0.00	0.00	0.00	0.00	0.00	mud
3.05	4.87	1.82	0.00	0.00	0.00	0.00	0.00	0.00	mud
4.87	6.10	1.23	0.00	0.00	0.00	0.00	0.00	0.00	mud
6.10	7.01	0.91	0.00	0.00	0.00	0.00	0.00	0.00	mud
7.01	8.70	1.69	0.00	0.00	0.00	0.00	0.00	0.00	mud
8.70	9.14	0.44	0.00	0.00	0.00	0.00	0.00	0.00	mud
9.14	11.28	2.14	0.00	0.00	0.00	0.00	0.00	0.00	mud
11.28	14.32	3.04	0.00	0.00	0.00	0.00	0.00	0.00	mud
14.32	17.37	3.05	0.00	0.00	0.00	0.00	0.00	0.00	rubble
17.37	20.42	3.05	0.00	0.00	0.00	0.00	0.00	0.00	rubble
20.42	23.47	3.05	60.00	2.00	0.00	2.00	2.00	3.00	
23.47	26.52	3.05	45.00	3.00	0.00	2.00	2.00	3.00	
26.52	29.56	3.04	45.00	2.00	0.00	2.00	2.00	3.00	
29.56	32.61	3.05	60.00	2.00	0.00	2.00	2.00	2.00	
32.61	35.66	3.05	80.00	3.00	0.00	1.00	2.00	1.00	
35.66	38.71	3.05	60.00	3.00	0.00	2.00	2.00	2.00	
38.71	41.76	3.05	60.00	2.00	0.00	2.00	2.00	2.00	
41.76	44.81	3.05	60.00	3.00	0.00	1.00	2.00	2.00	
44.81	47.85	3.04	70.00	3.00	0.00	1.00	2.00	2.00	
47.85	50.90	3.05	60.00	2.00	0.00	1.00	2.00	2.00	
50.90	53.95	3.05	60.00	3.00	0.00	1.00	2.00	3.00	
53.95	57.00	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
60.05	63.09	3.04	60.00	0.30	0.00	2.00	2.00	2.00	
63.09	66.14	3.05	60.00	0.52	0.00	2.00	2.00	2.00	
66.14	69.14	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
69.14	72.24	3.10	0.00	0.00	0.00	0.00	0.00	0.00	

KLAZA

72.24	75.29	3.05	60.00	0.20	0.00	2.00	2.00	2.00	
75.29	78.33	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
78.33	81.38	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
81.38	84.43	3.05	70.00	0.26	0.00	2.00	2.00	2.00	
84.43	87.48	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
87.48	90.53	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
90.53	93.57	3.04	55.00	0.61	0.00	3.00	2.00	2.00	
93.57	96.62	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
96.62	99.67	3.05	40.00	0.26	0.00	3.00	2.00	2.00	
99.67	102.72	3.05	40.00	0.20	0.00	1.00	2.00	2.00	
102.72	105.77	3.05	60.00	0.23	0.00	1.00	2.00	2.00	
105.77	108.81	3.04	60.00	0.84	0.00	1.00	2.00	2.00	
108.81	111.86	3.05	70.00	0.22	0.00	1.00	2.00	2.00	
111.86	114.91	3.05	60.00	0.23	0.00	1.00	2.00	2.00	
114.91	117.96	3.05	50.00	0.94	0.00	1.00	2.00	2.00	
117.96	121.01	3.05	60.00	0.81	0.00	2.00	2.00	2.00	
121.01	124.05	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
124.05	127.10	3.05	0.00	0.00	0.00	0.00	0.00		
127.10	130.15	3.05	60.00	0.09	0.00	1.00	2.00	1.00	
130.15	133.19	3.04	60.00	0.50	0.00	1.00	2.00	1.00	
133.19	136.25	3.06	60.00	0.33	0.00	2.00	2.00	1.00	
136.25	139.29	3.04	0.00	0.00	0.00	0.00	0.00		
139.29	142.34	3.05	60.00	0.35	0.00	2.00	2.00	1.00	
142.34	145.39	3.05	55.00	0.80	0.00	2.00	2.00	1.00	
145.39	148.44	3.05	60.00	0.21	0.00	3.00	3.00	2.00	
148.44	151.49	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
151.49	154.53	3.04	45.00	0.56	0.00	2.00	2.00	2.00	
154.53	157.58	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
157.58	160.63	3.05	45.00	0.56	0.00	2.00	2.00	2.00	
160.63	163.68	3.05	60.00	0.30	0.00	3.00	2.00	1.00	
163.68	166.73	3.05	60.00	0.80	0.00	2.00	2.00	1.00	
166.73	169.77	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
169.77	172.82	3.05	60.00	0.74	0.00	2.00	2.00	1.00	
172.82	175.87	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
175.87	178.92	3.05	0.00	0.00	0.00	0.00	0.00		
178.92	181.97	3.05	60.00	0.30	0.00	2.00	2.00	1.00	
181.97	185.01	3.04	0.00	0.00	10.00	0.00	0.00	0.00	
185.01	188.06	3.05	55.00	0.50	0.00	2.00	2.00	1.00	

KLAZA

188.06	191.11	3.05	60.00	0.45	10.00	2.00	2.00	2.00	
191.11	194.16	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
194.16	197.21	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
197.21	200.25	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
200.25	203.30	3.05	60.00	0.46	0.00	2.00	2.00	1.00	
203.30	206.35	3.05	60.00	0.68	0.00	2.00	2.00	1.00	
206.35	209.40	3.05	55.00	0.47	10.00	2.00	2.00	1.00	
209.40	212.45	3.05	75.00	0.72	0.00	2.00	2.00	1.00	
212.45	215.49	3.04	60.00	0.24	0.00	2.00	2.00	1.00	
215.49	218.54	3.05	55.00	0.90	0.00	1.00	2.00	1.00	
218.54	221.60	3.06	75.00	0.68	0.00	1.00	2.00	1.00	
221.60	224.64	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
224.64	227.69	3.05	60.00	0.21	0.00	1.00	2.00	1.00	
227.69	230.73	3.04	60.00	0.24	0.00	1.00	2.00	1.00	
230.73	233.78	3.05	0.00	0.00	0.00	0.00	0.00		
233.78	236.83	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
236.83	239.88	3.05	60.00	0.07	0.00	2.00	2.00	1.00	
239.88	242.93	3.05	60.00	0.50	0.00	2.00	2.00	1.00	
242.93	245.97	3.04	55.00	0.53	0.00	1.00	2.00	1.00	
245.97	249.02	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
249.02	252.07	3.05	60.00	0.14	20.00	2.00	2.00	1.00	
252.07	255.12	3.05	60.00	0.48	0.00	2.00	2.00	1.00	
255.12	258.17	3.05	60.00	0.52	0.00	2.00	2.00	1.00	
258.17	261.21	3.04	60.00	0.34	0.00	1.00	2.00	2.00	
261.21	264.26	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
264.26	267.31	3.05	55.00	0.52	0.00	1.00	2.00	1.00	
267.31	270.36	3.05	60.00	0.26	0.00	1.00	2.00	1.00	
270.36	273.40	3.04	60.00	0.28	0.00	1.00	2.00	1.00	
273.40	276.45	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
276.45	279.50	3.05	0.00	0.00	30.00	0.00	0.00	0.00	
279.50	282.55	3.05	0.00	0.00	20.00	0.00	0.00	0.00	
282.55	285.60	3.05	60.00	0.35	0.00	2.00	2.00	1.00	
285.60	288.64	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
288.64	291.69	3.05	60.00	0.52	0.00	1.00	2.00	1.00	
291.69	294.75	3.06	65.00	0.53	0.00	1.00	2.00	1.00	
294.75	297.78	3.03	0.00	0.00	0.00	0.00	0.00	0.00	
297.78	300.84	3.06	0.00	0.00	0.00	0.00	0.00		
300.84	303.89	3.05	60.00	0.41	0.00	1.00	2.00	1.00	

KLAZA

303.89	306.93	3.04	60.00	0.56	0.00	1.00	2.00	1.00	
306.93	309.98	3.05	60.00	0.57	0.00	1.00	2.00	1.00	
309.98	313.03	3.05	60.00	0.12	0.00	2.00	2.00	1.00	

EOH

KLAZA

Hole: DDH-KL-12-132 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00	0.09	
3.00	0.10	
4.00	0.05	
5.00	0.03	
6.00	0.09	
7.00	0.05	
8.00	0.23	
9.00	0.27	
10.00	0.07	
11.00	0.06	
12.00	0.31	
13.00	0.02	
14.00	0.07	
15.00	0.09	
16.00	0.40	
17.00	0.10	
18.00	0.14	
19.00	0.23	
20.00	0.10	
21.00	0.47	
22.00	0.16	
23.00	0.10	
24.00	0.31	
25.00	0.20	
26.00	0.29	
27.00	0.82	
28.00	0.14	
29.00	0.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.07	
31.00	0.18	
32.00	0.18	
33.00	0.12	
34.00	0.40	
35.00	0.27	
36.00	0.18	
37.00	0.58	
38.00	0.34	
39.00	0.47	
40.00	0.07	
41.00	0.08	
42.00	0.29	
43.00	0.14	
44.00	0.13	
45.00	0.21	
46.00	0.61	
47.00	0.27	
48.00	0.09	
49.00	0.08	
50.00	0.07	
51.00	0.53	
52.00	0.54	
53.00	0.05	
54.00	0.09	
55.00	0.12	
56.00	0.05	
57.00	0.20	
58.00	0.18	
59.00	39.10	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.34	
61.00	0.53	
62.00	0.42	
63.00	10.60	
64.00	0.29	
65.00	0.10	
66.00	0.18	
67.00	0.30	
68.00	1.50	
69.00	0.16	
70.00	0.10	
71.00	0.12	
72.00	0.21	
73.00	0.29	
74.00	0.14	
75.00	0.10	
76.00	0.78	
77.00	0.25	
78.00	0.16	
79.00	0.54	
80.00	0.18	
81.00	0.64	
82.00	0.21	
83.00	0.40	
84.00	0.34	
85.00	0.51	
86.00	0.12	
87.00	0.16	
88.00	0.47	
89.00	0.58	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.10	
91.00	0.47	
92.00	0.12	
93.00	0.05	
94.00	0.05	
95.00	0.06	
96.00	0.71	
97.00	0.05	
98.00	0.21	
99.00	0.12	
100.00	0.23	
101.00	0.07	
102.00	0.12	
103.00	0.09	
104.00	0.03	
105.00	0.10	
106.00	0.10	
107.00	0.07	
108.00	0.49	
109.00	0.07	
110.00	0.16	
111.00	0.36	
112.00	0.10	
113.00	0.05	
114.00	0.12	
115.00	0.07	
116.00	0.18	
117.00	0.03	
118.00	0.60	
119.00	0.69	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.12	
121.00	0.16	
122.00	0.75	
123.00	0.20	
124.00	0.27	
125.00	0.29	
126.00	0.67	
127.00	0.09	
128.00	0.03	
129.00	0.31	
130.00	0.89	
131.00	0.10	
132.00	0.27	
133.00	0.40	
134.00	0.43	
135.00	0.10	
136.00	0.49	
137.00	0.16	
138.00	0.18	
139.00	0.21	
140.00	0.14	
141.00	0.12	
142.00	0.20	
143.00	0.36	
144.00	0.12	
145.00	0.82	
146.00	0.18	
147.00	0.20	
148.00	0.58	
149.00	0.12	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.03	
151.00	0.51	
152.00	0.40	
153.00	0.42	
154.00	0.27	
155.00	0.27	
156.00	2.01	
157.00	0.34	
158.00	0.21	
159.00	0.38	
160.00	28.70	
161.00	20.08	
162.00	21.50	
163.00	0.10	
164.00	0.43	
165.00	0.86	
166.00	1.40	
167.00	0.14	
168.00	0.20	
169.00	0.25	
170.00	0.12	
171.00	0.42	
172.00	0.10	
173.00	0.09	
174.00	0.20	
175.00	0.34	
176.00	0.03	
177.00	0.07	
178.00	0.12	
179.00	0.07	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.10	
181.00	0.07	
182.00	0.01	
183.00	0.09	
184.00	0.16	
185.00	0.14	
186.00	0.21	
187.00	0.64	
188.00	0.77	
189.00	0.31	
190.00	0.22	
191.00	0.36	
192.00	0.46	
193.00	0.32	
194.00	0.61	
195.00	0.81	
196.00	0.09	
197.00	0.02	
198.00	0.34	
199.00	0.36	
200.00	0.71	
201.00	0.46	
202.00	0.64	
203.00	0.12	
204.00	0.09	
205.00	0.21	
206.00	0.07	
207.00	0.09	
208.00	0.77	
209.00	0.31	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	0.81	
211.00	0.61	
212.00	0.31	
213.00	0.64	
214.00	0.21	
215.00	0.71	
216.00	0.22	
217.00	0.34	
218.00	0.36	
219.00	0.21	
220.00	0.08	
221.00	0.64	
222.00	0.24	
223.00	0.21	
224.00	0.02	
225.00	0.03	
226.00	0.42	
227.00		
228.00		
229.00		
230.00		
231.00		
232.00		
233.00		
234.00		
235.00		
236.00		
237.00		
238.00		
239.00		

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00		
241.00	0.61	
242.00	0.72	
243.00	0.30	
244.00	0.44	
245.00	0.52	
246.00	0.62	
247.00	0.31	
248.00	0.43	
249.00	0.25	
250.00	0.25	
251.00	0.23	
252.00	0.76	
253.00	0.36	
254.00	0.56	
255.00	0.31	
256.00	1.79	
257.00	0.87	
258.00	0.31	
259.00	1.73	
260.00	2.43	
261.00	0.45	
262.00	0.23	
263.00	1.29	
264.00	7.06	
265.00	33.60	
266.00	7.35	
267.00	28.50	
268.00	0.58	
269.00	0.86	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	8.65	
271.00	6.02	
272.00	0.72	
273.00	14.00	
274.00	9.86	
275.00	11.20	
276.00	2.69	
277.00	0.58	
278.00	1.35	
279.00	2.48	
280.00	1.15	
281.00	0.49	
282.00	1.35	
283.00	0.67	
284.00	0.49	
285.00	8.67	
286.00	11.00	
287.00	3.36	
288.00	0.56	
289.00	0.76	
290.00	0.18	
291.00	0.60	
292.00	0.53	
293.00	14.70	
294.00	16.60	
295.00	0.71	
296.00	2.69	
297.00	1.83	
298.00	4.24	
299.00	17.40	

KLAZA

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	5.23	
301.00	6.88	
302.00	1.11	
303.00	0.16	
304.00	0.29	
305.00	2.15	
306.00	2.03	
307.00	5.28	
308.00	17.00	
309.00	0.80	
310.00	0.47	
311.00	1.29	
312.00	0.45	
313.00	3.45	
	EOH @ 313.03m	

KLAZA

Hole: **DDH-KL-12-132** **Date:**

Box #	From (m)	To (m)
1	1.81	8.80
2	8.80	15.40
3	15.40	20.42
4	20.42	25.72
5	25.72	31.05
6	31.05	36.26
7	36.26	41.45
8	41.45	45.72
9	45.72	51.90
10	51.90	57.19
11	57.19	62.10
12	62.10	67.43
13	67.43	72.45
14	72.45	78.00
15	78.00	83.30
16	83.30	88.80
17	88.80	94.09
18	94.09	105.49
19	105.49	110.09
20	110.09	115.45
21	115.45	121.86
22	121.86	126.86
23	126.86	132.11
24	132.11	137.69
25	137.69	142.93
26	142.93	148.54
27	148.54	153.22
28	153.22	158.20
29	158.20	163.40

KLAZA

30	163.40	168.82
31	168.82	174.60
32	174.60	180.32
33	180.32	186.12
34	186.12	191.45
35	191.45	197.05
36	197.05	202.73
37	202.73	208.31
38	208.31	214.06
39	214.06	219.60
40	219.60	225.01
41	225.01	230.51
42	230.51	236.21
43	236.21	242.61
44	242.61	247.15
45	247.15	252.65
46	252.65	258.17
47	258.17	263.30
48	263.30	268.85
49	268.85	274.51
50	274.51	279.80
51	279.80	285.35
52	285.35	290.88
53	290.88	296.00
54	296.00	301.27
55	301.27	306.95
56	306.95	312.15
57	312.15	313.03

EOH

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: KLAZA			382651.34	6890116.2	1387.796	550.77

SECTION: KL10+050 Me

HOLE: KL-12-133

CLAIM:

Contractor: Strike

Drill: A5

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates:

Geology logged by: G. Wolff

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
32.6136	55.1136	-50	Ranger	185.0136	46.1	-51.1	Ranger
78.3336	41.3	-50.6	Ranger	230.7336	46.1	-51.3	Ranger
108.8136	39.9	-51	Ranger	306.9336	49.1	-51	Ranger
154.5336	43.3	-50.9	Ranger	367.8936	48.9	-50.7	Ranger

TARGET:

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	8.23	8.23	OVB	Overburden, weak recovery.
8.23	17.60	9.37	FEL	Quartz feldspar porphyry dyke. Oxidized.
17.60	212.15	194.55	GRD	Strongly altered grasnodiorite. Alternating between
				phyllic, argillic and propylitic alteration. Intense altera
				zones around quartz veins and veinlets. Some veins
				well developed hosting massive sulphides.
212.15	262.91	50.76	GRD	Well mineralized zone. Galena, arsenopyrite, pyrite a
				sphalerite all well represented in quartz veins.
				sulphides range from massive to disseminated.
262.91	281.85	18.94	GRD	Weakly altered granodiorite. Propylitic with some
				phyllic altered selvages.
281.85	519.92	238.07	GRD/FEL	Zone alternating between areas of strong to intense
				alteration and quartz feldspar porphyry dykes.
				Frequent massive sulphide veins on dyke selvages.
				Some zones dominated by quartz/sulphide veins and
				intense phyllic alteration.
519.92	550.77	30.85	GRD	Propylitic altered granodiorite grading to unaltered.

SAMPLES

Numbers: M356138 - M356475

Total: 338

Batch: 133-1 - 133-10

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: KL-12-133 **Logger Name:** G. Wolff **Date:** September 13, 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	8.23	8.23					OVB			DR	RB	5	4								Oxidized rubble, sandy with fragments of granodiorite and strongly quartz feldspar porphyry dyke. Limonite, scorodite and goethite oxidation.
8.23	11.28	3.05				LKqP	FEL			OR	GD	5	4								Intensely oxidized silicous quartz feldspar porphyry with extensive patches of orange limonite and scorodite gouge.
11.28	17.60	6.32				LKqP	FEL		LT	PK	PO	4	4								Silicified grey/pink quartz feldspar porphyry dyke, with discontinuous irregular black stringers (possible goethite).
										GY											
17.60	31.75	14.15				mKgW	GRD	MG	DK	CY	MA	2	3	PRO	2	1		Sph	1		Silicious granodiorite, weak to moderate propylitic alteration with patchy phyllic overprint. Oxidized fractures. Gouge for 80 cm at start of interval. Dyke contact.
										GN	PA			PHI	1			Gn	1		
31.75	34.00	2.25				mKgW	GRD	MG	LT	GN	EN	1		PHI	4	1					Phyllic alteration envelope overprinting argillic alteration. Trace oxidation on fractures. Patchy potassic altered traces.
														ARG	2						
														POT	1						
34.00	40.15	6.15				mKgW	GRD	MG	MD	FY	PA	3	2	PRO	2	1					Weakly propylitic, silicified granodiorite. Oxidized fractures. Patches of oxidized argillic alteration with oxidation obscuring alteration textures.
														ARG	1						
40.15	43.87	3.72				mKgW	GRD	MG		YW	MA	3	3	PRO	2	1		Sph	1		Patches of argillic to phyllic alteration, moderate to strong oxidation. Patches of propylitic alteration.
										OR				PHI	2						
														ARG	3						
43.87	52.92	9.05				mKgW	GRD	MG	LT	WH	PA	1	2	ARG	4	1					Argillic altered granodiorite with patchy phyllic overprinting and trace potassic altered overprinting. Oxidation on fractures.
										GN				POT	1						
														PHI	2						
52.92	68.05	15.13				mKgW	GRD	MG		GY	PA	2	2	PRO	2			Py	1		Silicified granodiorite, weakly propylitic with patches of phyllic altered overprinting. Zones of strong oxidation.
									DK	GN				PHI	1						
68.05	74.10	6.05				mKgW	GRD	MG	LT	GN	PA		3	PHI	4	1					Silicious phyllic altered granodiorite, traces of potassic overprinting envelopes severel poorly pyrite mineralized zones. Crosscut by grey quartz-carbonate stringers (netted). Patchy propylitic altered zones between phyllic envelopes.
										GY				PRO	1						
														POT	1						
74.10	91.15	17.05				mKgW	GRD	MG		GY	MA		2	PRO	2	1		Sph	1		Lightly silicious, unaltered granodiorite with traces of propylitic overprinting. Traces of phyllic envelopes around unmineralized quartz-carbonate stringers and veinlets. Crosscutting milky quarzt and black carbonate stringers with 30-50 degree TCAs. one mineralized 2cm vein.
														PHI	1						
91.15	103.55	12.40				mKgW	GRD	MG	LT	GN	PA		3	PRO	2	1		Sph	1		Patchy alternating phyllic and propylitic alteration envelopes. Weakly mineralized quartz-carbonate veinlets crosscutting white and black carbonate stringers.
									DK	GN				PHI	4						
103.55	107.40	3.85				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	5		Sph	3		Moderate to strongly phyllic altered silicious granodiorite encompassing pyrite, sphalerite and galena mineralized quartz-carbonate breccias and veins. Well mineralized zone.
											BX							Gn	3		

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
107.40	120.20	12.80				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	1					Silicious, propylitic altered granodiorite with patchy phyllic and trace potassic altered overprinting.
														PHI	2						
														POT	1						
120.20	121.31	1.11				mKgW	GRD	MG	LT	GN	EN		2	PHI	4	1		Sph	3		Phillic envelope, lightly silicious, encompassing sphalerite, pyrite and galena mineralized veinlets.
																		Gn	1		
121.31	128.47	7.16				mKgW	GRD	MG		GY	PA		2	PRO	2	1		Sph	1		Silicious, weakly propylitic granodiorite with narrow phyllic envelopes around weakly mineralized veinlets.
									DK	GN				PHI	1			Gn	1		
128.47	129.47	1.00				mKgW	GRD	MG	LT	GN	EN			PHI	4	1		Sph	1		Phyllic alteration envelope encompassing weakly mineralized veining.
129.47	133.74	4.27				mKgW	GRD	MG		GY	PA		2	PRO	2	1					Silicious, weakly propylitic granodiorite with narrow phyllic envelopes around weakly mineralized veinlets. Unmineralized milky quartz veinlets at 131 m.
									DK	GN				PHI	1						
133.74	148.53	14.79				mKgW	GRD	MG	LT	GN	EN		3	PRO	1	3		Sph	2		Moderate to strongly silicious granodiorite, phyllic alteration with patchy propylitic altration. Mottled red and orange at start of interval encompassing well mineralized zone of quartz veining and flooding. Disseminated pyrite and blebby galena, sphalerite and arsenopyrite present.
											MA			PHI	4			Gn	1		
																		As	1		
148.53	149.05	0.52				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	1		Gn	1		Phillic altered envelopes encompassing quartz vein and massively mineralized sulphide vein.
																		As	1		
																		Sph	1		
149.05	160.50	11.45				mKgW	GRD	MG	MD	GY	MA		2	PRO	2	1		Sph	1		Lightly silicious mottled granodiorite grading into propylitic and phyllic altered narrow envelopes around weak to moderatly mineralized veinlets and veins.
														PHI	1			Gn	1		
																		As	1		
160.50	162.18	1.68				mKgW	GRD	MG	LT	GN	PA		3	PHI	4	1		Gn	1		Propylitic to phyllic altered envelopes. 1 encompassing 10cm massively mineralized vein.
											EN			PRO	2			Sph	1		
																		As	1		
162.18	175.26	13.08				mKgW	GRD	MG	DK	GN	PA		3	PRO	4	1		Sph	1		Silicious, propylitic granodiorite with patchy phyllic alteration around weak to moderate mineralized veinlets. Clay alteration, carbonate stringers and braided veins @ 30 degrees TCA.
									LT	GN				PHI	2			Gn	1		
175.26	190.68	15.42				mKgW	GRD	MG	MD	GY	MA		2	PRO	1	1		Se	1		Weak silicious, unaltered granodiorite with patchy weak propylitic alteration.
190.08	201.08	11.00				mKgW	GRD	MG	LT	GN	PA		3	PRO	1	8		Gn	1		Silicious, phyllic altered granodiorite with disseminated pyrite. Patches propylitic alteration. Gougy veinlets at low angle TCA. Crosscutting quartz veins variably mineralized.
														PHI	4						
201.08	212.15	11.07				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	1		Gn	1		Moderate to strongly silicious propylitic altered granodiorite grading to argillic and phyllic altered narrow envelopes around crosscutting light to moderate mineralized veinlets. Trace potassic overprint on argillic alteration.
									LT	GN				PHI	2			Sph	1		
														ARG	1						
														POT	1						

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
212.15	219.26	7.11				mKgW	GRD	MG	MD	GY	MA		2	PRO	1	1					Silicious unaltered granodiorite with propylitic overprint around weakly mineralized stringers.
219.26	226.50	7.24				mKgW	GRD	MG	LT	GN	PA		3	PHI	4	1		Gn	1		Silicious phyllic altered granodiorite with patchy propylitic alteration. Weakly mineralized crosscutting veinlets and stringers.
														PRO	2						
226.50	236.45	9.95				mKgW	GRD	MG	MD	GY	PA		3	PRO	2	1					Unaltered to weakly propylitic granodiorite hosting milky and black carbonate stringers. Moderate silicious narrow phyllic altered envelopes.
									DK	GN				PHI	1						
236.45	243.23	6.78				mKgW	GRD	MG	LT	GN	PA		3	PHI	4	5		Gn	3		Silicious, phyllic altered granodiorite hosting extensive quartz carbonate stringers and veinlets. Two veins of massive sulphides.
														PRO	1			Sph	2		
																		As	2		
243.23	247.35	4.12				mKgW	GRD	MG	MD	GY			3	PRO	2	1					Silicious, weakly propylitic altered granodiorite.
									DK	GN											
247.35	248.76	1.41				mKgW	GRD	MG	LT	GN	EN		2	PHI	4	1		Sph	2		Lightly silicious, phyllic altered envelope around crosscutting moderately mineralized vein. Crumbly argillic alteration at envelope edge.
														ARG	2						
248.76	254.58	5.82				mKgW	GRD	MG	MD	GY	MA		2								Unaltered, silicious granodiorite.
254.58	260.35	5.77				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1		Sph	1		Silicious weak to moderatly propylitic altered granodiorite with patchy phyllic envelopes around weak to moderate mineralized veinlets and narrow veins.
														PHI	2			Gn	1		
260.35	262.91	2.56				mKgW	GRD	MG	LT	GN	PA		2	PHI	4	5		As	3		Patchy argillic to phyllic altered granodiorite encompassing silicious breccia hosting a disseminated pyrite and arsenopyrite vein.
										WH				ARG	3			Gn	1		
260.35	262.91	2.56				mKgW	GRD	MG	LT	GN	PA		2	PHI	4	5	3	Gn	1		Patchy argillic to phyllic altered granodiorite, encompassing silicious breccia hosting disseminated pyrite. Arsenopyrite bearing vein crosscuts zone.
										WH				ARG	3						
262.91	269.07	6.16				mKgW	GRD	MG		GY	PA		3	PHI	1	1					Silicious, propylitic altered granodiorite with patchy argillic zones and narrow phyllic envelopes around weakly mineralized veinlets and stringers.
									DK	GN				ARG	2						
														PRO	3						
269.07	273.2	4.13				mKgW	GRD	MG	MD	GY	MA		2								Silicious, unaltered granodiorite.
273.2	281.85	8.65				mKgW	GRD	MG	DK	GY	PA		3	PHI	1	1					Silicious, propylitic altered granodiorite with patchy argillic zones and narrow phyllic envelopes around weakly mineralized veinlets and stringers.
									DK	GN				ARG	1						
														PRO	3						
281.85	282.93	1.08				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	3		Sph	5		Argillic to phyllic altered envelope encompassing a quartz/massive sulphide vein.
										WH				ARG	3			Gn	2		
282.93	288.43	5.50				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	3		Sph	1		Silicious, propylitic altered granodiorite with patchy argillic and phyllic altered narrow envelopes.
									LT	GN				PHI	2						
														ARG	2						
288.43	294.2	5.77				mKgW	GRD	MG	LT	GN	FD		4	PHI	4	5		Sph	1		Strongly quartz flooded phyllic altered granodiorite. Smoky to black silicious breccia hosting disseminated pyrite and irregular milky to grey chalcedonic veinlets and stringers. Gouge at end of interval.
																		Gn	1		

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
294.2	298.04	3.84				mKgW	GRD	MG	LT	GN	EN		2	PHI	4	3		Sph	5		Phyllic altered envelope encompassing massive sulphide vein (see secondary structures).
														ARG	1			Gn	1		
298.04	301.9	3.86				mKgW	GRD	MG	DK	GN	MA		2	PRO	3	1					Silicious, propylitic altered granodiorite.
301.9	307.07	5.17				mKgW	GRD	MG	LT	GN	PA		4	PHI	5	2					Phyllic overprint of argillic altered granodiorite. Moderatre to intense. Patches of intensely silicious, phyllic altered grey granodioirte with gouge on fractures.
									LT	GY				ARG	1						
307.07	322.15	15.08				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	1					Patchy propylitic to phyllic altered granodiorite. Propylitic alteration around weakly mineralized veinlets. Silicious zone.
									LT	GN				PHI	2						
322.15	325.32	3.17				mKgW	GRD	MG		WH	MD		2	ARG	4	1					Argillic altered granodioirte with potassic mottled overprinting. Traces of phyllic alteration (overprinted around poorly mineralized veinlets).
									LT	GY				PHI	1						
														POT	2						
325.32	328.7	3.38				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	5		Gn	2		Phyllic altered granodioirte with quartz flooding hosting tourmaline and sulphide bearing quartz vein at contact with quartz feldspar porphyry dyke.
											FD							To	1		
328.7	334.3	5.60				LKqP	FEL	FG	LT	GN	PO										Grey/green quartz feldspar porphyry dyke. Light green clay alteration of feldspar phenocrysts. Clay on fractures.
										GY											
334.3	337.23	2.93				mKgW	GRD	MG	LT	GY	RB			PHI	5	15					Intensely phyllic altered rubble/gouge. Fragments of massive pyrite with smoky and clear quartz. Disseminated pyrite throughout as well as fine black sulphides. Gouge hosts clasts of phyllic altered granodiorite.
									LT	GN	GO										
337.23	338.43	1.20				LKqP	FEL	FG	LT	GN	PO										Quartz feldspar porhyry dyke. Light green with fine clay altered phemocrysts. Gouge at contacts.
338.43	340.44	2.01				mKgW	GRD	MG	LT	GN	BX		3	PHI	4	5		Sph	2		Moderate to intense phyllic altered granodiorite, brecciated near contact with quartz feldspar porphyry dyke. Blebby pyrite and sphalerite and galena in veins and veinlets.
																		Gn	1		
340.44	351.6	11.16				mKgW	GRD	MG	DK	GN	PA		3	PRO	3	2					Silicious, patchy alternating zones of propylitic and phyllic altered granodiorite. Weak to moderate veinlets with phyllic envelopes.
									LT	GN				PHI	2						
351.6	353.2	1.60				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	2					Envelope of phyllic altered granodiorite at contact with quartz feldspar porphyry dyke.
353.2	359.98	6.78				LKqP	FEL	FG	LT	GN	PO										Quartz feldspar porphyry dyke. Light green and brown colour. Gouge at contacts.
359.98	365.7	5.72				mKgW	GRD	MG	LT	GN			4	PHI	4	5	2	Gn	2		Strong to intense phyllic altered granodiorite, strong to intense quartz flooding. Pyrite bearing stringers and one veinlet with massive galena. Discontinuous, low angle pyrite stringers throughout.
									LT	GY											
365.7	382.49	16.79				mKgW	GRD	MG	DK	GY	PA		3	PRO	3	1		Sph	1		Propylitic altered silicious granodiorite with patchy phyllic envelopes around poorly mineralized veins and veinlets.
									LT	GY				PHI	2						
382.49	384.27	1.78				mKgW	GRD	MG	LT	GN	EN		3	PHI	4	3	1	Gn	1		Phyllic altered envelope at contact with mafic dyke encompassing crustiform mineralized veins.
																		Sph	1		

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
384.27	386.01	1.74					MAF	FG	DK	GY						2		Sph	1		Dark grey magnetic mafic dyke. Grades to felsic at contacts with granodiorite. Mineralized at lower contact. Crosscut by carbonate veinlets and stringers.
																		Gn	1		
386.01	387.45	1.44				mKgW	GRD	MG	LT	GN	PA			PHI	2	1					Argillic altered granodiorite with patchy light to moderate phyllic altered envelopes. Trace potassic overprinting.
										WH				ARG	3						
														POT	1						
387.45	395.1	7.65				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1		Sph	1		Silicious, moderately propylitic altered granodiorite with patchy phyllic altered envelopes. Trace potassic overprint.
									LT	GN				PHI	2			Gn	1		
														POT	2						
395.1	397.12	2.02				mKgW	GRD	MG	LT	GN	EN		2	PHI	4	1		Sph	1		Phyllic envelope encompassing weakly mineralized veinlets.
397.12	401.17	4.05				mKgW	GRD	MG	DK	GN	PA		2	PRO	3	1					Silicious, moderately propylitic altered granodiorite with patchy phyllic altered envelopes. Trace potassic overprint.
									LT	GN											
401.17	412.77	11.60				mKgW	GRD	MG	LT	GN	MD		3	PHI	4	5		Sph	2		Silicious, phyllic altered granodiorite encompassing several moderately mineralized veins. Mottled pink, gouge material in patches.
412.77	420.22	7.45				mKgW	GRD	MG	DK	GN	PA		3	ARG	1	1					Silicious, propylitic altered granodiorite with patches of argillic to phyllic alteration around poorly mineralized veinlets.
									LT	GN				PHI	2						
														PRO	3						
420.22	423.05	2.83				LKqP	FEL	FG	MD	GY	PO		2			1					Grey to tan quartz feldspar porphyry dyke. Light to moderate silica flooding for 80 cm at upper contact. Gouge with calcite breccia and trace disseminated pyrite for 25 cm at upper contact.
423.08	423.39	0.31				mKgW	GRD	MG	LT	GN	BX			PHI	5	5		Sph	3		Smoky quarzt breccia with phyllic altered granodiorite clasts. Blebby pyrite, galena, arsenopyrite and sphalerite.
									MD	GY								As	7		
																		Gn	10		
423.29	427.87	4.58				LKqP	FEL			GY	PO		1								Grey/brown quartz feldspar porphyry. Green clay alteration of phenocrysts. Mottled patches of red/brown and tan/green. Blue/grey at lower contact, gouge zone. Calcite stringers present.
									DK	BN	MD										
427.87	450.97	23.10				mKgW	GRD	MG	LT	GN	MD		4	PHI	4	5	1	Sph	2		Strong to intense phyllic altered, strongly silicified granodiorite. Silica obscures some alteration textures. Gouge patches and moderately to strongly mineralized veinlets and veins. Mottled red patches. Disseminated pyrite throughout interval.
									LT	GY											
450.97	452.39	1.42				mKgW	GRD	MG	DK	GN			4	PRO	4	2					Dark green, strongly propylitic altered granodiorite hosting irregular, discontinuous pyrite stringers. Strongly silica flooded. Rounded quartz eyes present.
452.39	486.41	34.02				mKgW	GRD	MG		GY	PA		2	PRO	2	2					Silicious, weakly propylitic altered granodiorite with patchy potassic altered overprinting. Rare narrow phyllic envelopes around milky to black calcite stringers at varying orientations. Pyrite stringers at 40 degrees TCA with quartz/carbonate veinlets. patches of disseminated pyrite.
										PK				POT	1						
														PHI	1						
486.41	495.1	8.69				LKqP	FEL		LT	GN	PO		1								Grey/green quartz feldspar porphyry dyke, green clay alteration of phenocrysts. 5 % rounded quartz phenocrysts. Crosscut by gougey carbonate stringers. Silica flooding at lower contact.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									LT	GY											
495.1	514.69	19.59				mKgW	GRD	MG	LT	GN GY	PA		3	PHI PRO POT	4 2 1	5		Sph	1		Silicious, phyllic altered granodiorite with patchy propylitic alteration and trace potassic altered overprinting. Disseminated pyrite crosscut by carbonate stringers at varying orientations. Gouge and rubble in patches. Pyrite/carbonate/quartz stringers (4/m).
514.69	516.59	1.90					MAF		DK	GN BK	AN		2			1					Dark green/black, lightly silicified mafic dyke. Crosscut by carbonate stringers. Moderate to strongly magnetic. Brown/green, more felsic at upper contact.
516.69	519.92	3.23				mKgW	GRD	MG	LT	GN	PA		3	PHI POT	4 1	5		Sph Gn	1 1		Silicious, phyllic altered granodiorite with trace potassic overprinting. Disseminated pyrite.zone hosting well mineralized quartz veins. 3-5 pyrite stringers per meter.
519.92	521.83	1.91					MAF		DK LT	GN GY	AN PO		2			1					Dark green/black lightly silicious mafic dyke. Magnetic. Disseminated pyrite. Patches of grey/green colour with fine phenocrysts. Clay altered. Zone hosts crosscutting carbonate stringers and veinlets.
521.83	529.36	7.53				mKgW	GRD	MG	DK LT	GN GN	PA		3	PRO PHI POT	4 3 1	2					Silicious, propylitic granodiorite with patchy phyllic overprint and trace potassic alteration. Disseminated pyrite and fine irregular/discontinuous pyrite stringers.
529.36	535.8	6.44				mKgW	GRD	MG	LT	GN	PA		2	PHI POT	4 1	3					Silicious, phyllic altered granodiorite. Disseminated pyrite. Calcite and unmineralized, clear quartz stringers.
535.8	546.35	10.55				mKgW	GRD	MG	DK	GN	PA		2	PRO PHI POT	3 1 1	1					Silicious, weak to moderatly propylitic altered granodiorite with crosscutting carbonate stringers and fine black stringers. Patchy phyllic (weak) alteration around weakly mineralized veinlets. Trace potassic overprinting.
546.35	550.77	4.42				mKgW	GRD	MG	MD	GY	MA		1								Weakly silicious,unaltered massive granodiorite.
																					EOH @ 550.77 m

PROPERTY NAME

Hole: KL-12-133 **Logger Name: G. Wolff**

Depth (m)	DESCRIPTION
17.60	Gouge/oxidized contact between silicious quartz feldspar porphyry dyke and gougy, phyllic altered granodiorite; gouge for 52 cm after contact, intensity of gouge deceasing with depth from contact.
328.70	75 degree TCA contact between granodiorite with smoky quartz breccia and green gouge. Green quartz feldspar porphyry dyke. Grey gouge covers contact (obscured).
334.30	55 degree TCA contact between green quartz feldspar porphyry dyke and black silica breccia in phyllic granodioirte.
337.23	60 degree TCA. Sharp contact between phyllic altered granodiorite (rubbly) and green quartz feldspar porphyry dyke. 5 mm gouge at contact. 6 cm gouge dyke at contact.
338.43	Granodiorite contact between green quartz feldspar porphyry dyke and brecciated phyllic altered granodiorite. Clasts of breccia in gouge dyke matrix at contact.
353.20	Gradational gougy contact between brecciated phyllic granodiorite and green/brown quartz feldspar porphyry dyke.
354.98	80 degres TCA. Ireegular contact between light green quartz feldspar porphyry dyke and a quartz/massive sulphide vein hosted in phyllic altered granodiorite.
384.27	80 degree TCA. Sharp contact between phyllic altered granodiorite and mafic dyke. 8 cm tan felsic dyke at contact. Dyke grades to mafic with depth.
386.01	80 degree TCA. Contact between mafic dyke and phyllic altered granodiorite. Contact obscured by mineralized quartz veinlets.
420.22	60 degree TCA gradational contact between phyllic granodiorite and silicious quartz feldspar porphyry dyke hosting pyrite and calcite breccia.
423.05	Contact between quartz feldspar porphyry dyke and silicious breccia of phyllic altered granodiorite. Attitude obscured by gouge and rubble.
423.39	30 degrees TCA. Sharp contact between brecciated phyllic altered granodiorite and gougy grey/brown quartz feldspar porphyry dyke.
427.87	30 degrees TCA. Sharp gouge contact between blue/grey quartz feldspar porphyry dyke and phyllic altered granodiorite with brecciated zones.
486.41	Approximate contact between phyllic granodiorite and grey/green quartz feldspar porphyry dyke. Exact contact obscured by rubble.

PROPERTY NAME

Depth (m)	DESCRIPTION
495.10	65 degree TCA. Gradational contact between lightly silicious grey/brown quartz feldspar porphyry dyke and phyllic altered granodiorite. Contact overprinted by quartz veining/silicification.
514.69	Irregular contact between phyllic altered granodiorite and light tan/brown dyke. 45 degrees TCA. Dyke grades to dark green and mafic away from contact.
516.59	Contact between the dark green magnetic mafic dyke and phyllic altered granodiorite.
519.92	65 degres TCA. Sharp contact between phyllic altered granodiorite and dark green magnetic mafic dyke.
521.83	45 degrees TCA. Sharp contact between dark green magnetic mafic dyke and silicious, propylitic altered granodiorite.
	EOH

PROPERTY NAME

Hole: KL-12-133 **Logger Name:** G. Wolff **Date:** September 13, 2012

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vt	24.05	24.20	0.15	40		2	Py	1	Milky quartz/carbonate veinlets hosting disseminated pyrite.	
Vn	26.06	26.16	0.10	50			Py	3	Irregular braided quartz-carbonate vein with disseminated pyrite.	
Vt	26.98	27.01	0.03	35			Py	1	Milky to grey quartz-carbonate veinlet hosting trace pyrite.	
Vt	28.98	29.08	0.10	25			Gn	5	milky banded quartz-carbonate veinlet hosting disseminated galena and honey brown sphalerite.	
							Sph	10		
Vn	32.66	32.69	0.03	65			Gn	5	1.2 cm clear quartz vein with black rims hosting disseminated galena.	
Go	32.79	32.90	0.11						White gouge	
Vn	35.83	35.85	0.02	70					1 cm milky quartz vein. Unmineralized.	
Vt	41.89	41.93	0.04	65		2	Py	2	Milky to clear quartz-carbonate veinlets hosting disseminated pyrite.	
St	43.95	45.90	1.95	60		4	Py	1	Milky quartz-carbonate stringers hosting trace pyrite.	
St	48.10	48.25	0.15	15			Py	10	Irregular pyrite veinlet.	
Vt	50.18	52.65	2.47	65		6	Py	1	Milky quartz-carbonate veinlets hosting trace pyrite. 60-70 degrees TCA.	
Go	54.45	54.48	0.03	70					2 cm intense limonite gouge in 30 cm oxidized orange/brown zone with quartz eyes and quartz veinlets.	
Vt	55.00	55.10	0.10	75		2	Sph	10	Grey to clear quartz veinlets hosting blebby sphalerite and galena along rim.	
							Gn	15		
Vt	57.65	57.68	0.03	55			Py	5	Milky quartz-carbonate veinlet with disseminated pyrite.	
Vn	61.23	61.30	0.07	35			Sph	15	Milky to clear quartz vein hosting blebby blackjack sphalerite and disseminated pyrite.	
							Py	5		
Vn	61.88	61.95	0.07	30					milky to clear quartz vein.	
Vn	68.34	68.41	0.07	65			Py	15	Crustiform smoky quartz-carbonate vein hosting disseminated fine to blebby pyrite.	
Vt	69.24	69.25	0.01	80			Py	5	Milky to clear quartz-carbonate veinlet hosting disseminated pyrite and sphalerite along rim with fine grained disseminated pyrite	
							Sph	10		
							Gn	3		
Vn	71.10	71.14	0.04	55			Py	5	1.3 cm milky to dark green calcite vein hosting disseminated pyrite blebs.	
St	77.40	78.65	1.25	25		2	Py	15	Black quartz-carbonate stringers with blebby pyrite in selvages	
Dy	88.32	88.35	0.03	65					1.5 cm brown/pink aplite dyke.	
Vn	89.74	89.76	0.02	70			Sph	30	1 cm smoky quartz mineralization, milky quartz-carbonate on rims. Hosting blebby honey brown sphalerite in center with associated blebby pyrite and fine galena.	
							Py	10		
							Gn	5		
Vt	91.75	91.76	0.01	80					Clear quartz veinlet hosting blebby honey brown sphalerite.	
Bx	93.17	93.27	0.10				Py	15	Very minor silicious black breccia, fine discontinuous stringy black matrix and very course phyllic altered clasts. Blebby pyrite in matrix.	
St	94.19	94.58	0.39	60		7			Discontinous, netted milky to grey quartz-carbonate-pyrite stringers. 60 degrees TCA	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vt	99.74	100.00	0.26	80		3	Py	1	Milky black rimmed carbonate-quartz veinlets. Irregular pyrite.	
St	100.92	103.44	2.52			7			Pyrite-carbonate stringers, varying orientations	
St	101.97	102.07	0.10	40			Py	20	Irregular quartz stringer with blebby sphalerite, pyrite and galena.	
							Sph	30		
							Gn	5		
Vt	102.14	102.48	0.34	40		3	Sph	10	Multi-stage breccia. Creamy beige quartz-carbonate breccia of smoky, angular, quartz clasts hosting blebby to semi-massive green sphalerite and pyrite. (sulphides are in clasts). Vuggy matrix. Clasts of phyllic altered granodiorite finer than quartz sulphide clasts. white/green gouge at upper contact. calcite flooding brecciates zone at lower edge/	
							Py	5		
							Sph	5		
Bx	104.55	104.80	0.25	85			Py	5	Banded breccia vein. Bands of smoky quartz with fine clasts of phyllic altered granodiorite. Irregular crosscutting milky-creamy quartz-carbonate bands and stringers. Disseminated blebby to stringy pyrite, coarse blebby galena and disseminated honey brown sphalerite. Milky to yellow quartz-carbonate, vuggy. Hematite stained stringers extending out from zone at multiple orientations.	
							Gn	10		
							Sph	10		
Vn	105.05	105.11	0.06	70			Py	10	5 cm smoky quartz vein, vuggy at edges, hosts disseminated pyrite.	
Vn	106.00	106.04	0.04	75			Py	20	Clear to milky crustiform quartz-carbonate vein, 4 cm, hosting blebby discontinuous bands of pyrite.	
St	107.00	109.35	2.35	40		15	Py	5	Black carbonate stringers hosting disseminated pyrite.	
Vt	109.72	109.76	0.04	45			Py	5	Clear quartz veinlet with disseminated pyrite and trace galena.	
							Gn	1		
Vt	111.66	111.73	0.07	50		2	Py	3	Green chlorite-carbonate veinlets hosting disseminated pyrite.	
Vt	112.37	112.42	0.05	40			Py	5	White-black carbonate veinlets hosting disseminated pyrite.	
Vt	112.59	112.61	0.02	50			Sph	40	Milky to clear quartz veinlets hosting blebby honey brown sphalerite and disseminated pyrite.	
							Py	10		
Vt	120.34	120.44	0.10	30					Hematite stained carbonate veinlets.	
Vt	120.92	121.02	0.10	30			Sph	40	Smoky quartz veinlet hosting blebby sphalerite and disseminated fine galena and pyrite.	
							Py	10		
							Gn	5		
Vt	123.36	128.35	4.99	45		6	Py	5	Milky carbonate veinlets hosting disseminated pyrite.	
Vt	123.79	123.88	0.09	30			Py	10	Smoky to milky carbonate-quartz veinlet hosting blebby pyrite and sphalerite.	
							Sph	5		
Vt	128.65	128.64	-0.01	70			Sph	5	Clear quartz veinlet hosting blebby blackjack sphalerite.	
Bx	128.68	128.74	0.06	70					4.5 cm milky quartz vein/breccia, brecciating phyllic altered granodiorite. Unmineralized.	
Vt	128.59	128.61	0.02	75			Sph	3	Milky quartz-carbonate veinlet. Disseminated sphalerite and galena.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							Gn	2		
Vt	132.29	132.31	0.02	70					Milky colloform quartz vein crosscutting pyrite-carbonate stringers.	
St	133.90	134.03	0.13	30		2	Py	5	Carbonate stringers hosting blebby pyrite. Hematite stained.	
Vt	134.35	134.62	0.27	10			Py	5	Clear quartz carbonate veinlet hosting disseminated pyrite. Crosscut and offset by carbonate veinlet.	
Vn	136.43	136.51	0.08	70			Sph	30	3.5 cm vuggy, crustiform quartz vein. Milky to clear with two bands hosting semi-massive honey brown sphalerite and disseminated sub-euhedral pyrite.	
							Py	5		
Vn	136.55	136.71	0.16	75			Py	10	Smoky quartz and red/grey chalcedony. Irregular bands with netted milky quartz stringers. Blebby pyrite and galena and sphalerite in irregular bands with associated blebby arsenopyrite.	
							Gn	5		
							Sph	5		
							As	2		
Vn	136.90	137.00	0.10	70			Py	10	Clear to milky comb quartz and carbonate vein hosting blebby disseminated pyrite, sphalerite and arsenopyrite.	
							Sph	5		
							As	2		
Vt	141.75	143.43	1.68	35		7	Py	5	Smoky quartz-carbonate veinlets hosting disseminated pyrite blebs. Some hematite staining.	
Vt	145.00	147.96	2.96	65		3	Py	2	Milky quartz-carbonate veinlets hosting fine disseminated pyrite.	
Vn	148.67	148.71	0.04	65			Py	20	Clear quartz vein with massive galena and sphalerite mineralization. Blebby pyrite with associated arsenopyrite.	
							Gn	40		
							Sph	25		
							As	5		
Vn	148.73	148.75	0.02	60			Py	1	Milky quartz-carbonate vein, 2 cm, pitted and colloform. Trace pyrite.	
Dy	157.25	157.30	0.05	60					3 cm brown/pink aplite dyke.	
Vn	160.79	160.90	0.11	80			Py	15	Grey quarzt vein with calcite lined vugs hosting semi-massive coarse galena and honey brown/blackjack sphalerite. Also hosts blebby pyrite with associated arsenopyrite.	
							Gn	20		
							Sph	40		
							As	2		
Vn	161.88	161.92	0.04	70			Py	5	Milky quartz vein, braided, hosting disseminated pyrite.	
Vn	164.05	164.08	0.03	60			Sph	10	1 cm clear quartz vein hosting blebby sphalerite and disseminated pyrite.	
							Py	2		
St	168.36	168.96	0.60	25		2	Py	5	Black carbonate stringers hosting blebby pyrite.	
Vt	170.19	170.37	0.18	60		4	Sph	20	Milky quartz-carbonate veinlets, blebby honey brown sphalerite and disseminated pyrite.	
							Py	5		
Vn	172.79	172.83	0.04	75			Py	10	Grey quartz vein crosscut by milky calcite, disseminated pyrite throughout.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
St	179.65	179.88	0.23	15			Py	5	Carbonate stringer hosting disseminated pyrite.	
Vt	182.73	182.75	0.02	75			Py	5	Clear quartz veinlet hosting disseminated pyrite and galena.	
							Gn	3		
Go	191.90	193.66	1.76	5			Py	20	Long, irregular gouge veinlet. White/green to smoky colour. Gouge hosts disseminated pyrite.	
Go	194.16	194.32	0.16	20			Py	5	White/green gouge veinlet. Disseminated pyrite in surrounding rock.	
Vt	196.08	196.18	0.10	30			Py	10	Milky to smoky quartz-carbonate veinlet, vuggy, hosting disseminated pyrite. Pyrite veinlet at selvage.	
Vt	197.27	198.87	1.60	65		2	Py	2	Milky quartz veinlets hosting disseminated pyrite in selvages.	
Vt	197.92	197.94	0.02	70			Py	5	Milky quartz veinlet hosting blebby galena, pyrite and sphalerite along margins.	
							Gn	15		
							Sph	5		
Vn	198.10	198.13	0.03	70			Py	1	Milky, vuggy, branching quartz vein, 1.5 cm, trace disseminated pyrite.	
St	198.97	199.28	0.31	20		2	Py	90	2 sheeted pyrite stringers with milky quartz-carbonate.	
Vn	199.84	200.02	0.18	75			Py	10	10 cm, smoky to milky, vuggy, quartz-carbonate vein/breccia with quartz clasts hosting blebby pyrite and a band of intergrown semi-massive galena and sphalerite. Disseminated pyrite in phyllic altered selvage. Milky quartz stringers	
							Sph	3		
							Gn	10		
Vt	202.56	204.40	1.84	70		3	Py	5	Milkly quartz-carbonate veinlets hosting disseminated pyrite and galena. Milky, unmineralized quartz-carbonate stringers scattered throughout interval.	
							Gn	3		
Vt	207.84	207.87	0.03	65			Py	30	Braided, smoky quartz veinlets hosting fine blebby pyrite.	
St	208.50	209.04	0.54	70		13			Irregular quartz stringers with disseminated pyrite in selvages.	
Vn	210.52	210.56	0.04	70			Py	3	3cm milky to clear banded quartz vein, blebby discontinuous bands of galena and sphalerite and blebby pyrite.	
							Gn	5		
							Sph	10		
St	211.30	211.52	0.22	60		3	Py	90	Discontinuous irregular pyrite-carbonate stringers. Branching.	
Vt	214.94	217.95	3.01	40		5	Py	10	Milky to clear quartz-carbonate veinlets with propylitic selvages. Blebby pyrite.	
							Sph	2		
Vn	221.08	221.18	0.10	35			Py	5	Braided, irregular milky quartz-carbonate veins hosting disseminated pyrite and galena. Pyrite stringers in selvages.	
							Gn	5		
Vn	221.93	222.03	0.10	50			Py	3	4 cm milky to smoky banded quartz vein hosting fine disseminated pyrite and galena/sphalerite.	
							Sph	5		
							Gn	5		
Vt	222.05	222.61	0.56	35			Py	15	Smokey quartz veinlet hosting blebby fine pyrite, galena, sphalerite and arsenopyrite.	
							Gn	5		
							Sph	5		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
							As	2		
St	223.18	223.45	0.27	55		4	Py	15	Irregular quartz stringers hosting disseminated pyrite and galena.	
							Gn	20		
Vt	224.42	224.47	0.05	70		2	Py	5	Milky quartz veinlets hosting fine pyrite, galena and sphalerite.	
							Gn	1		
							Sph	1		
St	225.24	225.57	0.33	75		8	Py	2	Black quartz-carbonate stringers hosting trace pyrite.	
Vt	225.62	225.65	0.03	45			Py	2	Smoky to milky quarzt-carbonate veinlet. Braided gouge areas. Carbonate stringers and disseminated pyrite in selvages.	
Go	225.82	225.84	0.02	60					Light grey gouge vein.	
Vn	226.25	226.32	0.07	55			Py	5	Clear to smoky quartz vein with tan carbonate and 1 cm gouge veinlets. Quartz clasts at uphole margin. Disseminated pyrite throughout.	
Vt				65			Py	5	Milky carbonate veinlets with quartz rims hosting blebby pyrite.	
Vt	237.15	237.23	0.08	75		2	Py	5	Milky to clear quartz carbonate veinlets hosting disseminated pyrite.	
Vn	237.32	237.35	0.03	75			Py	10	2.5 cm clear quartz vein hosting blebby to stringy pyrite and disseminated sphalerite.	
							Sph	2		
Vn	237.43	237.64	0.21	70			Gn	40	Smoky quartz and massive sulphide vein hosting massive galena, semi-massive pyrite with associated blebby arsenopyrite, blebby sphalerite and blebby chalcopyrite. Smoky quartz breccia with phyllic altered clasts at lower margin of vein. 21 cm vein.	
							Py	15		
							Sph	15		
							Cp	5		
							As	3		
Vn	237.94	238.14	0.20	65			As	60	Massive sulphide vein, 20 cm. Massive arsenopyrite intergrown with pyrite. Semi-massive galena and sphalerite in irregular bands. Bands of smoky quartz and tan carbonate at rims. Disseminated pyrite and sphalerite in phyllic altered selvages.	
							Py	20		
							Gn	5		
							Sph	5		
Vn	238.64	238.83	0.19	60			Py	10	Quartz flooded zone hosting irregular veinlets and stringers of smoky to milky quartz. Blebby pyrite sphalerite and galena present.	
							Gn	5		
							Sph	5		
Vn	238.98	239.03	0.05	70			As	15	4.5 cm smoky quartz vein with milky carbonate band hosting semi-massive arsenopyrite and blebby pyrite, sphalerite and galena.	
							Py	5		
							Sph	5		
							Gn	2		

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
							Type	Conc. (%)		
Vn	239.20	239.37	0.17	80			Py	20	Crustiform, irregular banded quartz vein, smoky to milky with bands of phyllic altered granodiorite hosting blebby pyrite. Bands of semi-massive pyrite with associated arsenopyrite. Blebby sphalerite, chalcopyrite and galena also present.	
							As	5		
							Sph	5		
							Gn	2		
							Cp	2		
Go	239.68	239.78	0.10	30			Py	10	White gouge vein hosting disseminated pyrite.	
Vt	240.37	241.75	1.38	65		9	Py	5	Milky to clear quartz-carbonate veinlets hosting blebby pyrite and sphalerite.	
							Sph	2		
Vt	244.43	244.48	0.05	50			Py	30	Smoky quartz and milky-tan carbonate veinlet hosting blebby pyrite and disseminated galena and sphalerite.	
							Sph	5		
							Gn	3		
St	247.83	247.84	0.01	75			Sph	80	Sphalerite stringer with carbinate	
Vn	248.20	248.30	0.10	40			Sph	10	5 cm crustiform vein with massive sphalerite band, milky to clear quartz, irregular banding and brecciation. Grey gouge also present hosting disseminated pyrite and arsenopyrite.	
							Py	5		
							As	5		
Vt	255.58	255.61	0.03	60			Py	15	Clear quartz veinlet hosting blebby sphalerite, pyrite, galena and arsenopyrite.	
							Sph	15		
							Gn	10		
							As	5		
Vn	255.90	255.92	0.02	65			Py	5	Milky quartz and tan carbonate vein, irregularly banded, hosting disseminated pyrite and galena.	
							Gn	1		
Vn	257.65	257.69	0.04	60			Sph	10	2.5 cm milky to clear quartz vein hosting coars sphalerite and pyrite blebs as well as fine galena.	
							Py	10		
							Gn	2		
Bx	260.60	260.95	0.35	50			Py	5	Black silicious breccia hosting fine milky quartz clasts and phyllic altered granodiorite clasts. Disseminated pyrite throughout.	
Vn	260.98	261.04	0.06	50			As	20	5 cm smoky grey chacedony vein with tan carbonate stringers, blebby to semi-massive arsenopyrite and disseminated pyrite blebs.	
							Py	5		
Vt	261.04	261.07	0.03	50			Py	10	Clear quartz veinlet hosting blebby pyrite and galena.	
							Gn	5		
Vt	266.73	278.20	11.47	60		10	Py	3	Milky quartz-carbonate veinlets hosting disseminated pyrite.	
Dy	279.07	279.08	0.01	70					<1 cm aplite dyke.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vn	282.36	282.49	0.13	70			Sph	20	12 cm irregular crustiform vein. Milky calcite bands and smoky quartz hosting semi-massive sphalerite and galena as well as blebby pyrite.	
							Gn	10		
							Py	7		
Vn	285.34	285.44	0.10	80		2	Sph	7	Branching, 1 cm quartz veins, clear quartz with blebby pyrite and sphalerite.	
							Py	5		
Vn	285.6	285.64	0.04	80			Py	30	3.5 cm milky quartz vein hosting blebby bands of pyrite, galena and sphalerite.	
							Gn	5		
							Sph	10		
Vn	287.96	288.00	0.04	65			Py	3	Vuggy calcite vein with disseminated pyrite in selvages.	
Vn	288.52	288.96	0.44	60			Py	40	Netted smoky quartz/pyrite stringers surrounding a 2 cm smoky quartz vein.	
Vt	289.43	289.48	0.05	65			Py	5	Clear quartz veinlet hosting blebby pyrite, sphalerite and disseminated galena.	
							Sph	5		
							Gn	3		
St	289.65	290.01	0.36	65		13	Py	10	Irregular clear quartz stringers with disseminated pyrite.	
Bx	290.07	290.34	0.27	75			Py	10	2-stage silicious breccia. Smoky quartz matrix with phyllic altered granodiorite clasts. Later milky quartz breccia, vuggy, brecciating both granodiorite and smoky quartz. Blebby to disseminated pyrite and galena coincide with smoky quartz. Black silicious veining at downhole margin of breccia.	
							Gn	5		
Bx	291.30	293.64	2.34				Py	10	Smoky quartz breccia, discontinuous, hosting blebby to disseminated pyrite, sphalerite and galena. Phyllic altered granodiorite clasts. Extensively crosscut by netted milky quartz stringers and grey chalcedonic, netted, irregular stringers and veinlets with miloky rims. gouge at margin of zone.	
							Gn	2		
							Sph	2		
G0	293.64	293.67	0.03	80					2.5 cm light green intense gouge.	
Vn	296.68	297.04	0.36	60			Sph	70	28 cm massive sulphide vein. Crustiform, smoky quarzt and grey calcite bands. Massive band of sphalerite, semi-massive pyrite and trace galena. Smoky quartz breccia with fine clasts and grey gouge at uphole margin.	
							Py	10		
							Gn	1		
Vt	298.58	302.01	3.43	60		4	Py	15	Milky quartz-carbonate veinlets hosting disseminated pyrite.	
G0	302.65	303.35	0.70	5			Py	5	Low angle gouge veinlet hosting disseminated pyrite in silicious selvage.	
St	305.57	307.34	1.77	65		9	Py	85	Pyrite-carbonate stringers.	
Vt	311.31	313.05	1.74	70		6	Py	5	Clear quartz veinlets hosting disseminated pyrite.	
Vn	312.35	312.44	0.09	30					Black quartz/sulphide veinlet hosting blebby pyrite.	
Vt	315.89	315.99	0.10	50			Py	2	Milky quartz-carbonate vein, 1.3 cm, fine disseminated pyrite along rims.	
St	315.34	326.79	11.45	60		5/m	Py	30	Milky to clear quartz stringers hosting stringy pyrite.	
Vt	325.91	326.86	0.95	65		6	Py	5	Milky quartz-carbonate veinlets hosting disseminated pyrite along rims.	
Vn	327.35	327.79	0.44	60			Py	5	Milky quartz flooding of silicious phyllic altered granodiorite. Coarse pyrite blebs, blebby to stringy black tourmaline, trace disseminated sphalerite all present. Grey/green gouge at down hole margin of zone.	
							To	7		
							Sph	1		
Bx	328.33	328.66	0.33	65			Py	10	Milky to clear quartz brecciating phyllic altered granodiorite. Blebby pyrite, tourmaline and galena present. 7 cm band of smoky quartz with white quartz eyes and disseminated pyrite at downhole margin (contact with dyke).	
							Gn	5		
							To	10		
Vt	333.89	333.94	0.05	35					Quartz veinlet, clear to milky.	
Bx	338.40	338.67	0.27				Py	10	Silicious breccia with smoky quartz brecciating phyllic altered granodiorite and milky quartz brecciating smoky quartz. At contact qith quartz feldspar porphyry dyke. Disseminated fine pyrite.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Bx	338.94	339.37	0.43	65			Py	5	Smoky quartz breccia with phyllic granodiorite clasts. Pyrite disseminated in blebby bands, blebby galena with associated sphalerite and disseminated sphalerite.	
							Gn	3		
							Sph	2		
St	339.63	353.10	13.47	70		4/m	Py	60	Smokey quartz and pyrite stringers with carbonate.	
Vt	340.34	340.36	0.02	70			Py	60	Clear/grey quartz veinlet hosting blebby pyrite stringers.	
Vn	346.00	346.04	0.04	70			Py	30	Banded quartz vein - 1 band of smokey quartz with disseminated pyrite and galena, 1 band milky/clear quartz, and two band of blebby to semi-massive pyrite (3 cm).	
							Gn	2		
Dy	347.26	347.40	0.14	45		2			Two sheeted pink aplite dykes, 2 and 4 cm, crosscut by pyrite stringers.	
Vt	350.57	350.59	0.02	65			Py	5	Milky quartz veinlet with disseminated pyrite along rims.	
Bx	353.10	353.16	0.06	75			Py	5	Smokey quartz breccia, fine granodiorite clasts, disseminated pyrite.	
Vn	359.99	360.10	0.11	65			Gn	30	Clear to milky quartz vein hosting band of massive fine-grained galena, semi-massive pyrite and blebby arsenopyrite.	
							Py	15		
							As	5		
St	364.07	372.00	7.93	70		4/m	Py	30	Quartz-carbonate stringers hosting stringy to blebby pyrite.	
Vt	372.17	372.20	0.03	70		3	Sph	20	White/tan quartz-carbonate veinlet hosting blebby sphalerite.	
Vt	372.30	372.37	0.07	60		4	Py	5	Irregular branching quartz-carbonate milky veinlets hosting disseminated pyrite.	
Bx	372.44	373.70	1.26	75			Py	5	24 cm brecciated vein. Smoky quartz with fine granodiorite clasts, crosscut by irregular milky stringers and grey chalcedonic bands. Fine disseminated pyrite, sphalerite and galena. Vuggy.	
							Gn	2		
							Sph	2		
Vt	373.05	373.07	0.02	70			Py	5	Milky quartz veinlet with disseminated pyrite along rim.	
Vt	374.35	374.38	0.03	50					Milky/pink comb quartz veinlets.	
Vt	380.61	380.63	0.02	75			Py	5	Milky to smoky quartz veinlets with disseminated pyrite blebs.	
Vn	382.66	382.67	0.01	80			Py	10	1 cm clear to milky quartz vein hosting blebby pyrite.	
Vt	383.06	383.07	0.01	75			Sph	35	Clear quartz veinlet with coarse blebby sphalerite and fine pyrite.	
							Py	10		
Vn	383.45	383.96	0.51	70			Sph	20	Crustiform 10 cm quartz vein, irregular bands of milky and smoky quartz. Semi-massive blackjack sphalerite with associated blebby pyrite and arsenopyrite. Gouge at edges.	
							Py	5		
							As	7		
Vn	385.95	386.02	0.07	75			Py	5	Irregular braided milky quartz vein hosting disseminated sphalerite and stringy galena and pyrite.	
							Gn	5		
							Sph	2		
Vt	386.58	386.60	0.02	70			Py	5	Clear to milky quartz-carbonate veinlet hosting blebs of pyrite, sphalerite and galena.	
							Gn	5		
							Sph	5		
St	387.35	420.20	32.85	60		3/m	Py	40	Quartz-carbonate stringers hosting disseminated pyrite (10-60 %).	
Vn	392.49	392.54	0.05	55			Sph	20	1 cm grey quartz vein hosting blebby sphalerite. Disseminated galena.	
							Gn	5		
Vt	394.20	395.61	1.41	50		5			Clear quartz veinlets, 1 hosting disseminated sphalerite.	
Vt	397.31	399.30	1.99	65		3	Py	10	Milky to clear quartz-carbonate veinlets hosting blebby pyrite.	
Vn	402.23	402.30	0.07	70			Py	15	Milky to smoky crustiform quartz vein, disseminated pyrite. Vuggy pyrite stringers in intense phyllic altered selvage.	
Vn	405.79	405.86	0.07	85			Py	20	8 cm crustiform clear to smoky quartz vein hosting blebby to stringy pyrite.	
Vt	406.40	406.41	0.01	75			Py	5	Milky quartz and tan carbonate veinlet hosting disseminated sphalerite and pyrite.	
							Sph	5		
Vn	406.61	406.81	0.20	70			Py	5	Vuggy, quartz flooded zone with coarse sphalerite blebs, disseminated pyrite and galena and black gouge.	
							Sph	5		
							Gn	2		
St	407.10	407.18	0.08	35		2	Sph	90	Irregular honey brown sphalerite stringers with clear quartz.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vn	407.23	407.31	0.08	60			Py	2	6 cm smoky quartz vein hosting disseminated pyrite.	
Vn	410.38	410.45	0.07	35			Py	10	4 cm smoky quartz vein hosting blebby pyrite.	
Bx	412.38	412.45	0.07	35			Py	5	Black silicious breccia with very fine granodioirte clasts, fine disseminated pyrite.	
Bx	413.52	413.61	0.09				Py	5	Black silicious breccia with fine phyllic altered granodiorite clasts. Black stringers branching irregularly off main breccia. Fine disseminated pyrite.	
Vt	416.56	417.92	1.36	60		4	Py	5	Milky quartz veinlets with disseminated pyrite along margin.	
St	418.20	418.50	0.30	10			Py	100	Irregular sinuous pyrite stringers.	
Vn	419.59	419.61	0.02	75			Py	3	Milky to smoky banded quartz vein. 1.5 cm disseminated pyrite.	
Vn	420.10	420.12	0.02	70			Py	7	1 cm milky quartz vein hosting blebby to disseminated pyrite.	
Bx	427.86	427.96	0.10	35			Py	5	Irregular black silicious breccia with phyllic altered clasts and disseminated pyrite.	
St	429.56	452.50	22.94	50		4/m	Py	90	Pyrite stringers, 40-60 degrees TCA.	
Vn	429.90	429.93	0.03	60			Py	10	Clear quartz vein, 1 cm, hosting blebby sphalerite and disseminated pyrite.	
							Sph	5		
Go	431.78	431.82	0.04				Py	2	Light grey/green gouge. Clasts of phyllic altered granodioirte, disseminated pyrite.	
Go	431.78	431.82	0.04				Py	2	Light grey/green gouge. Clasts of phyllic altered granodioirte, disseminated pyrite.	
Go	433.38	434.10	0.72				Py	5	Quartz flooded gouge zone. Grey/green gouge with phyllic altered granodiorite and clear quartz clasts. Disseminated to stringy pyrite. 7.5 cm wide zone.	
Vn	437.31	437.34	0.03	70			Gn	15	Milky to clear quartz vein hosting blebby pyrite, sphalerite and semi-massive galena band. 2.5 cm wide.	
							Py	5		
							Sph	5		
Vn	438.00	438.23	0.23	45					Tan/milky calcite vein.	
Go	438.25	438.65	0.40	50			Py	5	Grey/black gouge veinlet with disseminated pyrite.	
Vn	439.58	439.80	0.22	50			Py	25	Smoky and milky quartz vein, 22 cm wide, hosting blebby to semi-massive pyrite as well as semi-massive blackjack sphalerite and blebby arsenopyrite. Gouge present at selvage.	
							Sph	30		
							As	10		
St	441.47	441.48	0.01	60			Py	5	Pyrite/sphalerite quartz stringer	
							Sph	65		
Vt	449.63	449.65	0.02	85			Py	30	Milky quartz veinlet with blebby pyrite along rims.	
Vn	453.76	453.80	0.04	60			Py	25	1.5 cm black carbonate vein hosting discontinuous stringy pyrite associated with branching pyrite stringers at varying orientations.	
St	462.74	462.85	0.11				Py	100	Blebby to stringy discontinuous pyrite veins, multiple orientations.	
Vt	471.63	471.64	0.01	40			Py	10	Banded grey/white quartz carbonate veinlet hosting blebby pyrite.	
Vn	486.20	486.35	0.15				Py	7	15 cm wide grey quartz vein, gouge zones present. Vein hosts blebby pyrite.	
Vn	495.15	495.52	0.37	70			Py	15	Smoky, vuggy crustiform quartz vein, fine brecciation of quartz feldspar porphyry dyke at upper rim overprints contact between quartz feldspar porphyry dyke and granodiorite. Blebby to semi-massive sphalerite and pyrite.	
							Sph	20		
Vn	497.99	498.02	0.03	75			Py	10	Smoky, gougy quartz vein hosting disseminated pyrite. 3 cm wide.	
Vn	502.95	503.38	0.43				Py	5	Silica flooded zone with gouge patches. Smoky quartz hosting disseminated to blebby pyrite.	
St	503.50	504.05	0.55				Py	7	Netted, smoky quartz stringer. Irregular. Blebby to strngy pyrite present. Crosscut by calcite veinlets.	
Bx	504.18	504.38	0.20				Py	5	Smoky quartz breccia with phyllic altered granodioirte clasts. Fine disseminated pyrite. Calcite veinlets crosscutting.	
Vn	505.86	506.20	0.34	15			Py	70	Smoky, gouge quartz vein, 1 cm, hosting semi-massive pyrite.	
Vn	515.07	515.09	0.02	75			Py	5	Crustiform tan quartz and white carbonate vein hosting stringy pyrite.	
Vn	517.77	517.82	0.05	60			Py	10	2.5 cm clear quartz and tan carbonate vein hosting blebby pyrite and sphalerite and disseminated galena.	
							Sph	5		
							Gn	5		
Vn	519.03	519.13	0.10	75			Py	10	10 cm milky and clear banded quartz vein. Disseminated pyrite as well as blebby sphalerite and galena present.	
							Sph	15		
							Gn	5		
Vn	526.89	527.91	1.02	75			Py	2	2 cm crustiform grey/brown chalcedony and tan carbonate vein. Fine disseminated pyrite.	
Vn	527.95	527.96	0.01	70			Py	5	1 cm quartz-carbonate vein (milky) hosting blebby pyrite.	
Vt	529.08	529.19	0.11	35		2			Irregular grey quartz veinlets.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Interval (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Dy	530.72	531.26	0.54	50		2			Tan/brown sericitized dykes. Green clay material. Green phenocrysts. 17 and 7 cm wide. Crosscut by pyrite stringers.	
Vt	531.80	531.87	0.07	40			Py	2	Milky to grey, irregular quartz veinlets with milky quartz stringers and disseminated pyrite in selvages.	
Vt	532.52	533.10	0.58			5	Py	1	Irregular, discontinuous grey chalcedony veinlets associated with milky quartz stringers and trace pyrite.	
Dy	533.11	533.32	0.21	60					Tan sericitized/altered dyke with fine green phenocrysts.	
Vt	533.50	533.52	0.02	65			Py	3	Grey quartz veinlet hosting disseminated pyrite, gouge along rim.	
Bx	534.05	534.37	0.32				Py	15	Grey chalcedony to smoky quartz breccia hosting blebby pyrite. Clasts are phyllic altered granodiorite.	
Bx	534.39	534.78	0.39				Py	5	Tan/white calcite breccia. Phyllic altered granodiorite clasts with disseminated pyrite.	
Vt	535.59	535.60	0.01	75			Py	15	Smoky to milky quartz-carbonate veinlet hosting blebby pyrite.	
Vn	544.84	544.87	0.03	70					branching grey chalcedony vein with milky quartz rims. Milky quartz and carbonate stringers in selvage.	
Dy	550.37	550.40	0.03	75					Red/Pink aplite dyke, 2 cm wide.	
									EOH @ 550.77 m.	

PROPERTY NAME

Hole: KL-12-133 **Date: September 13, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
15.4	1445	1730	711.8	424.8	FEL	Po	SIL	2			2.497544	2.480139	oxidized, silicified quarta felspar dyke.
							OXI	3					
44.95	1445	1780	854.9	524.5	GRD		ARG	4			2.55194	2.58747	Argillic granodiorite with potassic overprint
							POT	2					
50.9	1445	1660	588.6	371.5	GRD		PHL	4	Py	<1	2.737674	2.711193	Silicified phyllic granodiorite
							SIL	3					
118.96	1425	1655	624.5	392.1	GRD		PRO	2			2.715217	2.687177	Weakly propyllitic silicified granodiorite
							SIL	3					
136.58	1425	1810	1134.1	819	GRD	VN	PHC	4	Py	10	2.945714	3.599175	Quartz-chalcedony vein with blebby sulphides in a phyllic envelope.
							SIL	5	Gn	5			
									Sp	5			
									As	2			
Calibration			2001.6										Calibration with a 2kg weight
154.53	1425	1780	953.8	613.9	GRD	MA	SIL	2			2.686761	2.806119	Lightly silicified granodiorite. Unaltered.
163.55	1420	1640	615.3	392.3	GRD		PHC	4	Py	2	2.796818	2.759193	Phyllicly altered granodiorite. Disseminated pyrite
199.92	1410	1730	890	581.2	GRD	EN	PHC	4	Py	10	2.78125	2.882124	Vuggy quartz vein hosting blebby pyrite, galena and chalcopyrite in pyllic envelope
									Gn	5			
									Cp	3			
216.49	1410	1655	656.2	412.2	GRD	MA	SIL	2			2.678367	2.689344	Unaltered granodiorite
237.36	1410	1720	1389.7	1062.5	GRD	VN	PHC	4	Gn	30	4.482903	4.247249	Phyllic envelope and smoky quartz-sulphide vein. Massive galena with blebby arsenopyrite, sphalerite, chalcopyrite and semi-massive to disseminate pyrite
							SIL	4	Py	15			
									Sp	10			
									Cp	1			
									As	1			
259.5	1410	1565	405.8	250.4	GRD	MA	PRO	4			2.618065	2.611326	Propyllitic granodiorite with pyllic overprint
							PHC	2					
267.22	1495	1690	510.2	214.8	GRD	MA	PRO	3			2.61641	1.72715	Silicified propyllitic granodiorite
							SIL	3					
282.37	1495	1770	853.9	585.9	GRD	VN	PHC	4	Sp	20	3.105091	3.186194	Quartz-calcite vein with semi-massive sphalerite and galena and blebby pyrite.
							SIL	5	Gn	10			

PROPERTY NAME

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
									Py	7			
306.58	1495	1690	484.2	296.8	GRD	MA	ARG	3			2.483077	2.583778	Argillicly altered granodiorite
322.56	1495	1760	668.5	406.9	GRD	PA	ARG	3	Py	2	2.522642	2.555428	Argillicly altered granodiorite with strong patchy potassic overprint.
							POT	4					
337.92	1470	1678	535.2	330.6	FEL	PO					2.573077	2.615836	Light green quartz feldspar dyke
359.96	1470	1700	961.8	734.1	GRD	VN	SIL	4	Gn	30	4.181739	4.223979	Quartz vein hosting massive galena, semi-massive pyrite and blebby arsenopyrite.
							PHC	4	Py	15			
									As	5			
Calibration			2001.4									1	Calibration with a 2kg weight
384.9	1470	1810	915.4	616.3	MAF						2.692353	3.060515	Magnetic mafic dyke
396.31	1470	1772	819.4	524.4	GRD	MA	PHC	4	Py	3	2.713245	2.777627	Phyllic altered granodiorite with quartz-carbonate-pyrite stringers with trace sphalerite.
							SIL	2	Sp	<1			
422.79	1460	1685	587.6	363.9	FEL						2.611556	2.626732	Grey quartz feldspar porphyry dyke
439.6	1460	1780	1041.3	717.8	GRD	VN	SIL	5	Py	25	3.254063	3.218856	Smoky quartz vein with phyllic selveges hosting blebby to semi-massive pyrite, sphalerite and arsenopyrite.
							PHC	4	Sp	30			
									As	10			
447.82	1460	1645	506.2	325.2	GRD	MO	SIL	5	Py	5	2.736216	2.796685	Mottled grey and green silicified phyllic granodiorite with disseminated pyrite
							PHC	5					
469.35	1460	1665	554.4	349.4	GRD	PA	PRO	3	Py	2	2.70439	2.70439	Propyllitic, silicified granodiorite with patchy potassic overprint.
							SIL	2					
							POT	1					
486.77	1455	1690	615.4	383.1	FEL	PO					2.618723	2.649161	Grey/green quartz feldspar porphyry dyke
504.13	1455	1670	570.7	359.5	GRD		SIL	3	Py	3	2.654419	2.702178	Silicified phyllic granodiorite with disseminated pyrite
							PHC	4					
Calibration			2001.7									1	Calibration with a 2kg weight
520.29	1455	1645	672	432.1	MAF		SIL	2			3.536842	2.801167	Mafic, magnetic dyke
547.6	1455	1710	680.9	427.7	GRD		SIL	2			2.670196	2.689179	Unaltered granodiorite
													EOH

PROPERTY NAME

Hole: KL-12-133 **Date: September 13, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
3.04	5.49	2.45	1.94	79	M356138	133-1				
5.49	8.23	2.74	2.40	88	M356139	133-1				
8.23	10.85	2.62	2.38	91	M356140	133-1				
10.85	12.80	1.95	1.78	91	M356141	133-1				
12.80	15.80	3.00	2.67	89	M356142	133-1				
15.80	17.60	1.80	1.58	88	M356143	133-1				
17.60	18.60	1.00	1.00	100	M356144	133-1				
					M356145	133-1				BLANK
18.60	20.42	1.82	1.80	99	M356146	133-1				
20.42	23.47	3.05	3.05	100	M356147	133-1				
					M356148	133-1				KL-STD-1
23.47	26.04	2.57	2.39	93	M356149	133-1				
26.04	27.04	1.00	1.00	100	M356150	133-1				
27.04	29.87	2.83	2.42	86	M356151	133-1				
29.87	31.89	2.02	2.02	100	M356152	133-1				
31.89	33.35	1.46	1.42	97	M356153	133-1				
33.35	35.66	2.31	2.27	98	M356154	133-1				
					M356155	133-1				1/4 DUPLICATE
35.66	38.71	3.05	3.05	100	M356156	133-1				
38.71	41.76	3.05	3.00	98	M356157	133-1				
41.76	44.81	3.05	3.05	100	M356158	133-1				
					M356159	133-1				KL-STD-1
44.81	47.85	3.04	2.98	98	M356160	133-1				
47.85	48.85	1.00	1.00	100	M356161	133-1				
48.85	50.90	2.05	2.05	100	M356162	133-1				
50.90	52.66	1.76	1.76	100	M356163	133-1				
52.66	54.15	1.49	1.44	97	M356164	133-1				
54.15	55.15	1.00	1.00	100	M356165	133-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M356166	133-1				BLANK
55.15	58.15	3.00	2.90	97	M356167	133-1				
58.15	61.15	3.00	3.00	100	M356168	133-1				
					M356169	133-1				COARSE REJECT DUPLICATE
61.15	63.09	1.94	1.91	98	M356170	133-1				
63.09	66.14	3.05	3.04	100	M356171	133-1				
66.14	68.27	2.13	2.12	100	M356172	133-1				
68.27	69.34	1.07	1.04	97	M356173	133-1				
69.34	72.24	2.90	2.90	100	M356174	133-2				
72.24	75.29	3.05	2.96	97	M356175	133-2				
75.29	78.33	3.04	2.80	92	M356176	133-2				
78.33	81.38	3.05	3.02	99	M356177	133-2				
81.38	84.43	3.05	3.04	100	M356178	133-2				
					M356179	133-2				KL-STD-1
84.43	87.48	3.05	2.79	91	M356180	133-2				
87.48	89.70	2.22	2.22	100	M356181	133-2				
89.70	92.15	2.45	2.45	100	M356182	133-2				
					M356183	133-2				BLANK
92.15	93.69	1.54	1.51	98	M356184	133-2				
93.69	94.69	1.00	1.00	100	M356185	133-2				
94.69	96.73	2.04	1.85	91	M356186	133-2				
					M356187	133-2				KL-STD-2
96.73	99.73	3.00	3.00	100	M356188	133-2				
99.73	102.28	2.55	2.55	100	M356189	133-2				
102.28	104.20	1.92	1.88	98	M356190	133-2				
104.20	105.20	1.00	1.00	100	M356191	133-2				
105.20	106.20	1.00	0.88	88	M356192	133-2				
					M356193	133-2				BLANK
106.20	108.81	2.61	2.61	100	M356194	133-2				
108.81	111.86	3.05	2.99	98	M356195	133-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M356196	133-2				COARSE REJECT DUPLICATE
111.86	114.91	3.05	3.05	100	M356197	133-2				
114.91	117.96	3.05	3.05	100	M356198	133-2				
117.96	120.36	2.40	2.33	97	M356199	133-2				
120.36	121.36	1.00	0.96	96	M356200	133-2				
121.36	123.32	1.96	1.96	100	M356201	133-2				
					M356202	133-2				1/4 DUPLICATE
123.32	125.85	2.53	2.52	100	M356203	133-2				
125.85	128.50	2.65	2.65	100	M356204	133-2				
128.50	131.00	2.50	2.50	100	M356205	133-2				
131.00	133.38	2.38	2.38	100	M356206	133-2				
133.38	134.78	1.40	1.40	100	M356207	133-2				
134.78	136.25	1.47	1.45	99	M356208	133-2				
136.25	137.27	1.02	1.00	98	M356209	133-2				
137.27	139.29	2.02	2.02	100	M356210	133-3				
139.29	141.69	2.40	2.38	99	M356211	133-3				
141.69	143.50	1.81	1.81	100	M356212	133-3				
143.50	145.39	1.89	1.89	100	M356213	133-3				
					M356214	133-3				KL-STD-2
145.39	148.44	3.05	3.04	100	M356215	133-3				
148.44	149.44	1.00	1.00	100	M356216	133-3				
					M356217	133-3				BLANK
149.44	151.49	2.05	1.96	96	M356218	133-3				
151.49	154.53	3.04	2.91	96	M356219	133-3				
					M356220	133-3				KL-STD-2
154.53	157.58	3.05	3.03	99	M356221	133-3				
157.58	160.63	3.05	3.05	100	M356222	133-3				
160.63	161.63	1.00	1.00	100	M356223	133-3				
					M356224	133-3				BLANK
161.63	162.63	1.00	0.95	95	M356225	133-3				
162.63	164.10	1.47	1.47	100	M356226	133-3				
164.10	166.73	2.63	2.57	98	M356227	133-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
166.73	169.77	3.04	2.98	98	M356228	133-3				
169.77	170.77	1.00	1.00	100	M356229	133-3				
170.77	172.57	1.80	1.80	100	M356230	133-3				
172.57	174.07	1.50	1.48	99	M356231	133-3				
174.07	177.07	3.00	2.97	99	M356232	133-3				
					M356233	133-3				COARSE REJECT DUPLICATE
177.07	180.07	3.00	2.80	93	M356234	133-3				
180.07	181.97	1.90	1.90	100	M356235	133-3				
181.97	182.97	1.00	0.98	98	M356236	133-3				
182.97	185.01	2.04	2.04	100	M356237	133-3				
					M356238	133-3				1/4 DUPLICATE
185.01	188.01	3.00	3.00	100	M356239	133-3				
188.01	191.11	3.10	2.90	93	M356240	133-3				
191.11	192.21	1.10	1.10	100	M356241	133-3				
192.21	194.16	1.95	1.95	100	M356242	133-3				
194.16	196.16	2.00	2.00	100	M356243	133-3				
196.16	197.81	1.65	1.65	100	M356244	133-3				
197.81	199.25	1.44	1.40	97	M356245	133-3				
199.25	200.25	1.00	0.98	98	M356246	133-4				
					M356247	133-4				BLANK
200.25	202.75	2.50	2.00	80	M356248	133-4				
202.75	203.75	1.00	1.00	100	M356249	133-4				
203.75	205.00	1.25	1.18	94	M356250	133-4				
205.00	207.75	2.75	2.68	97	M356251	133-4				
					M356252	133-4				COARSE REJECT DUPLICATE
207.75	209.10	1.35	1.35	100	M356253	133-4				
209.10	210.48	1.38	1.38	100	M356254	133-4				
210.48	211.48	1.00	0.96	96	M356255	133-4				
211.48	213.48	2.00	1.92	96	M356256	133-4				
213.48	214.83	1.35	1.29	96	M356257	133-4				
214.83	216.05	1.22	1.20	98	M356258	133-4				
216.05	217.54	1.49	1.41	95	M356259	133-4				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M356260	133-4				1/4 DUPLICATE
217.54	218.54	1.00	0.99	99	M356261	133-4				
					M356262	133-4				KL-STD-1
218.54	220.64	2.10	2.10	100	M356263	133-4				
220.64	222.10	1.46	1.45	99	M356264	133-4				
222.10	223.50	1.40	1.40	100	M356265	133-4				
223.50	225.13	1.63	1.52	93	M356266	133-4				
225.13	226.50	1.37	1.32	96	M356267	133-4				
226.50	227.69	1.19	1.19	100	M356268	133-4				
227.69	230.73	3.04	2.99	98	M356269	133-4				
					M356270	133-4				KL-STD-1
230.73	233.78	3.05	3.04	100	M356271	133-4				
233.78	236.41	2.63	2.56	97	M356272	133-4				
236.41	237.41	1.00	1.00	100	M356273	133-4				
237.41	238.41	1.00	1.00	100	M356274	133-4				
238.41	239.41	1.00	0.92	92	M356275	133-4				
239.41	240.64	1.23	1.20	98	M356276	133-4				
240.64	241.64	1.00	0.96	96	M356277	133-4				
					M356278	133-4				BLANK
241.64	242.93	1.29	1.19	92	M356279	133-4				
242.93	245.47	2.54	2.52	99	M356280	133-4				
245.47	247.80	2.33	1.81	78	M356281	133-4				
247.80	248.80	1.00	1.00	100	M356282	133-5				
248.80	251.80	3.00	2.91	97	M356283	133-5				
251.80	254.80	3.00	2.98	99	M356284	133-5				
					M356285	133-5				KL-STD-2
254.80	256.00	1.20	1.20	100	M356286	133-5				
256.00	257.30	1.30	1.22	94	M356287	133-5				
257.30	258.30	1.00	1.00	100	M356288	133-5				
258.30	260.45	2.15	2.15	100	M356289	133-5				
260.45	261.45	1.00	1.00	100	M356290	133-5				
					M356291	133-5				BLANK

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
261.45	264.26	2.81	2.77	99	M356292	133-5				
264.26	267.31	3.05	3.03	99	M356293	133-5				
267.31	268.81	1.50	1.50	100	M356294	133-5				
268.81	271.81	3.00	2.95	98	M356295	133-5				
					M356296	133-5				COARSE REJECT DUPLICATE
271.81	273.41	1.60	1.59	99	M356297	133-5				
273.41	276.45	3.04	3.00	99	M356298	133-5				
					M356299	133-5				KL-STD-1
276.45	279.50	3.05	2.80	92	M356300	133-5				
279.50	281.95	2.45	2.35	96	M356301	133-5				
281.95	282.95	1.00	0.97	97	M356302	133-5				
282.95	284.95	2.00	1.91	96	M356303	133-5				
284.95	286.25	1.30	1.30	100	M356304	133-5				
286.25	287.73	1.48	1.48	100	M356305	133-5				
					M356306	133-5				1/4 DUPLICATE
287.73	288.73	1.00	1.00	100	M356307	133-5				
288.73	290.08	1.35	1.31	97	M356308	133-5				
290.08	291.69	1.61	1.52	94	M356309	133-5				
291.69	292.77	1.08	1.08	100	M356310	133-5				
292.77	293.77	1.00	0.96	96	M356311	133-5				
293.77	296.10	2.33	2.20	94	M356312	133-5				
296.10	297.10	1.00	0.95	95	M356313	133-5				
					M356314	133-5				BLANK
297.10	300.10	3.00	2.90	97	M356315	133-5				
300.10	302.60	2.50	2.49	100	M356316	133-5				
302.60	304.20	1.60	1.60	100	M356317	133-5				
304.20	306.93	2.73	2.72	100	M356318	133-5				
306.93	309.98	3.05	2.95	97	M356319	133-6				
309.98	311.30	1.32	1.29	98	M356320	133-6				
311.30	312.60	1.30	1.30	100	M356321	133-6				
312.60	314.60	2.00	1.96	98	M356322	133-6				
					M356323	133-6				1/4 DUPLICATE

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
314.60	316.08	1.48	1.44	97	M356324	133-6				
316.08	319.13	3.05	2.85	93	M356325	133-6				
319.13	321.13	2.00	2.00	100	M356326	133-6				
321.13	322.55	1.42	1.42	100	M356327	133-6				
					M356328	133-6				KL-STD-1
322.55	323.83	1.28	1.28	100	M356329	133-6				
323.83	325.89	2.06	1.95	95	M356330	133-6				
325.89	327.19	1.30	1.29	99	M356331	133-6				
327.19	328.70	1.51	1.51	100	M356332	133-6				
					M356333	133-6				BLANK
328.70	331.32	2.62	2.62	100	M356334	133-6				
331.32	333.30	1.98	1.98	100	M356335	133-6				
333.30	334.30	1.00	0.96	96	M356336	133-6				
334.30	336.10	1.80	1.50	83	M356337	133-6				
336.10	337.25	1.15	1.15	100	M356338	133-6				
337.25	338.38	1.13	1.12	99	M356339	133-6				
					M356340	133-6				COARSE REJECT DUPLICATE
338.38	339.42	1.04	1.03	99	M356341	133-6				
339.42	340.46	1.04	1.03	99	M356342	133-6				
340.46	343.51	3.05	3.04	100	M356343	133-6				
343.51	345.56	2.05	2.03	99	M356344	133-6				
345.56	346.56	1.00	1.00	100	M356345	133-6				
346.56	349.61	3.05	3.05	100	M356346	133-6				
					M356347	133-6				KL-STD-1
349.61	351.62	2.01	1.98	99	M356348	133-6				
351.62	353.21	1.59	1.59	100	M356349	133-6				
					M356350	133-6				BLANK
353.21	355.70	2.49	2.44	98	M356351	133-6				
355.70	358.75	3.05	3.05	100	M356352	133-6				
358.75	359.93	1.18	1.16	98	M356353	133-6				
359.93	360.93	1.00	0.95	95	M356354	133-7				
					M356355	133-7				BLANK

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
360.93	362.23	1.30	1.30	100	M356356	133-7				
362.23	363.63	1.40	1.40	100	M356357	133-7				
363.63	365.73	2.10	2.10	100	M356358	133-7				
365.73	367.89	2.16	2.16	100	M356359	133-7				
					M356360	133-7				KL-STD-1
367.89	369.00	1.11	1.11	100	M356361	133-7				
369.00	372.00	3.00	2.97	99	M356362	133-7				
372.00	373.00	1.00	0.98	98	M356363	133-7				
373.00	376.00	3.00	2.97	99	M356364	133-7				
					M356365	133-7				COARSE REJECT DUP
376.00	379.00	3.00	3.00	100	M356366	133-7				
379.00	380.09	1.09	1.09	100	M356367	133-7				
380.09	382.27	2.18	2.12	97	M356368	133-7				
382.27	383.27	1.00	1.00	100	M356369	133-7				
383.27	384.27	1.00	0.98	98	M356370	133-7				
					M356371	133-7				BLANK
384.27	385.72	1.45	1.45	100	M356372	133-7				
385.72	386.72	1.00	0.90	90	M356373	133-7				
386.72	389.23	2.51	2.47	98	M356374	133-7				
389.23	392.28	3.05	2.97	97	M356375	133-7				
392.28	393.28	1.00	0.97	97	M356376	133-7				
393.28	395.33	2.05	2.02	99	M356377	133-7				
395.33	396.83	1.50	1.50	100	M356378	133-7				
					M356379	133-7				KL-STD-1
396.83	398.37	1.54	1.54	100	M356380	133-7				
398.37	399.42	1.05	0.98	93	M356381	133-7				
399.42	401.42	2.00	2.00	100	M356382	133-7				
401.42	402.42	1.00	1.00	100	M356383	133-7				
402.42	404.47	2.05	1.96	96	M356384	133-7				
					M356385	133-7				1/4 DUPLICATE
404.47	405.77	1.30	1.28	98	M356386	133-7				
405.77	407.34	1.57	1.56	99	M356387	133-7				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
407.34	408.64	1.30	1.28	98	M356388	133-7				
408.64	410.50	1.86	1.79	96	M356389	133-7				
410.50	412.45	1.95	1.85	95	M356390	133-8				
412.45	413.61	1.16	1.16	100	M356391	133-8				
413.61	416.66	3.05	3.01	99	M356392	133-8				
					M356393	133-8				KL-STD-1
416.66	419.45	2.79	2.74	98	M356394	133-8				
419.45	420.45	1.00	0.99	99	M356395	133-8				
420.45	422.76	2.31	2.23	97	M356396	133-8				
422.76	423.76	1.00	1.00	100	M356397	133-8				
					M356398	133-8				BLANK
423.76	426.26	2.50	2.00	80	M356399	133-8				
426.26	427.51	1.25	1.25	100	M356400	133-8				
427.51	428.51	1.00	0.98	98	M356401	133-8				
428.51	430.27	1.76	1.69	96	M356402	133-8				
430.27	431.76	1.49	1.48	99	M356403	133-8				
431.76	433.22	1.46	1.44	99	M356404	133-8				
433.22	434.22	1.00	1.00	100	M356405	133-8				
434.22	436.52	2.30	2.17	94	M356406	133-8				
					M356407	133-8				COARSE REJECT DUPLICATE
436.52	438.00	1.48	1.42	96	M356408	133-8				
438.00	439.00	1.00	1.00	100	M356409	133-8				
439.00	440.00	1.00	0.90	90	M356410	133-8				
					M356411	133-8				BLANK
440.00	441.20	1.20	1.16	97	M356412	133-8				
441.20	442.70	1.50	1.45	97	M356413	133-8				
442.70	445.70	3.00	2.96	99	M356414	133-8				
445.70	447.14	1.44	1.44	100	M356415	133-8				
447.14	448.14	1.00	1.00	100	M356416	133-8				
448.14	449.70	1.56	1.47	94	M356417	133-8				
449.70	451.94	2.24	2.24	100	M356418	133-8				
451.94	454.07	2.13	2.10	99	M356419	133-8				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
454.07	456.29	2.22	2.22	100	M356420	133-8				
456.29	459.33	3.04	2.94	97	M356421	133-8				
					M356422	133-8				KL-STD-1
459.33	462.36	3.03	2.98	98	M356423	133-8				
					M356424	133-8				1/4 DUPLICATE
462.36	465.43	3.07	3.03	99	M356425	133-8				
465.43	468.48	3.05	3.05	100	M356426	133-9				
468.48	471.53	3.05	3.05	100	M356427	133-9				
471.53	474.57	3.04	2.98	98	M356428	133-9				
474.57	477.62	3.05	3.04	100	M356429	133-9				
					M356430	133-9				COARSE REJECT DUPLICATE
477.62	480.67	3.05	3.05	100	M356431	133-9				
480.67	483.72	3.05	2.99	98	M356432	133-9				
483.72	485.42	1.70	1.68	99	M356433	133-9				
485.42	486.42	1.00	0.9	90	M356434	133-9				
486.42	489.42	3.00	2.98	99	M356435	133-9				
					M356436	133-9				KL-STD-1
489.42	492.42	3.00	2.46	82	M356437	133-9				
492.42	495.07	2.65	2.57	97	M356438	133-9				
495.07	496.07	1.00	1.00	100	M356439	133-9				
					M356440	133-9				BLANK
496.07	497.90	1.83	1.79	98	M356441	133-9				
497.90	499.40	1.50	1.45	97	M356442	133-9				
499.40	501.40	2.00	1.99	100	M356443	133-9				
501.40	502.92	1.52	1.38	91	M356444	133-9				
					M356445	133-9				1/4 DUPLICATE
502.92	504.42	1.50	1.48	99	M356446	133-9				
504.42	505.82	1.40	1.39	99	M356447	133-9				
505.82	506.82	1.00	1	100	M356448	133-9				
506.82	508.10	1.28	1.28	100	M356449	133-9				
508.10	511.15	3.05	2.95	97	M356450	133-9				
					M356451	133-9				KL-STD-1

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
511.15	513.05	1.90	1.83	96	M356452	133-9				
513.05	514.70	1.65	1.65	100	M356453	133-9				
514.70	516.60	1.90	1.9	100	M356454	133-9				
516.60	517.76	1.16	1.14	98	M356455	133-9				
517.76	519.06	1.30	1.25	96	M356456	133-9				
519.06	520.06	1.00	0.94	94	M356457	133-9				
					M356458	133-9				BLANK
520.06	521.83	1.77	1.77	100	M356459	133-9				
521.83	523.34	1.51	1.51	100	M356460	133-9				
523.34	524.44	1.10	1.1	100	M356461	133-9				
524.44	526.86	2.42	2.39	99	M356462	133-10				
526.86	528.19	1.33	1.27	95	M356463	133-10				
528.19	529.44	1.25	1.22	98	M356464	133-10				
529.44	532.00	2.56	2.45	96	M356465	133-10				
532.00	534.00	2.00	1.92	96	M356466	133-10				
534.00	535.05	1.05	1.03	98	M356467	133-10				
					M356468	133-10				BLANK
535.05	538.05	3.00	3	100	M356469	133-10				
538.05	541.05	3.00	2.9	97	M356470	133-10				
					M356471	133-10				COARSE REJECT DUPLICATE
541.05	543.78	2.73	2.73	100	M356472	133-10				
543.78	545.08	1.30	1.3	100	M356473	133-10				
					M356474	133-10				BLANK
545.08	546.94	1.86	1.84	99	M356475	133-10				EOS
										EOH @ 550.77m

PROPERTY NAME

Hole: KL-12-133 **Tech Name:** **Date: September 13, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
0.00	1.52	1.52	0.50	33	0	33		1	0	4	
1.52	3.04	1.52	1.38	91	0.00	91		1	0	4	
3.04	4.57	1.53	1.23	80	0.39	80		1	0	4	
4.57	5.49	0.92	0.72	78	0.00	78		1	0	4	
5.49	6.71	1.22	1.10	90	0.10	90		1	0	4	
6.71	8.23	1.52	1.66	109	0.00	109		1	0	4	
8.23	11.28	3.05	2.88	94	0.00	94		1	0	4	
11.28	12.80	1.52	1.34	88	0.56	88		2	2	3	
12.80	14.33	1.53	1.21	79	0.11	79		1	0	4	
14.33	17.37	3.04	2.74	90	0.82	90		2	2	3	
17.37	20.42	3.05	2.73	90	0.82	90		1	0	2	
20.42	23.47	3.05	3.05	100	1.80	100		2	2	2	
23.47	26.52	3.05	2.91	95	2.34	95		2	2	2	
26.52	29.57	3.05	2.85	93	2.19	93		2	3	2	
29.57	32.61	3.04	2.93	96	1.77	96		2	2	2	
32.61	35.66	3.05	2.96	97	1.38	97		1	1	2	
35.66	38.41	2.75	2.95	107	0.99	107		1	2	2	
38.41	41.76	3.35	3.00	90	2.08	90		2	2	2	
41.76	44.81	3.05	3.04	100	1.68	100		2	3	2	
44.81	47.85	3.04	2.95	97	2.06	97		2	1	2	
47.85	50.90	3.05	3.06	100	2.13	100		2	2	2	
50.90	53.95	3.05	3.06	100	2.51	100		2	2	2	
53.95	57.00	3.05	2.95	97	2.39	97		2	0	2	
57.00	60.05	3.05	3.04	100	2.66	100		2	3	2	
60.05	63.09	3.04	2.98	98	1.84	98		2	2	2	
63.09	66.14	3.05	3.05	100	2.51	100		2	3	2	
66.14	69.19	3.05	2.97	97	2.75	97		2	3	2	
69.19	72.24	3.05	3.03	99	2.11	99		1	3	2	
72.24	75.29	3.05	2.80	92	1.82	92		2	3	2	
75.29	78.33	3.04	2.72	89	1.77	89		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
78.33	81.38	3.05	2.96	97	1.99	97		2	3	1	
81.38	84.43	3.05	3.01	99	2.13	99		2	3	1	
84.43	87.48	3.05	2.76	90	2.12	90		2	3	1	
87.48	90.53	3.05	2.96	97	1.80	97		2	3	1	
90.53	93.57	3.04	3.00	99	2.46	99		2	3	1	
93.57	96.62	3.05	2.87	94	1.79	94		2	3	1	
96.62	99.67	3.05	3.08	101	2.55	101		2	3	1	
99.67	102.72	3.05	3.04	100	2.26	100		2	3	1	
102.72	105.77	3.05	2.87	94	1.75	94		2	0	1	
105.77	108.81	3.04	3.06	101	2.19	101		2	3	1	
108.81	111.86	3.05	3.01	99	2.83	99		2	3	1	
111.86	114.91	3.05	3.02	99	2.61	99		2	3	1	
114.91	117.96	3.05	3.05	100	2.56	100		2	3	1	
117.96	121.00	3.04	2.91	96	2.24	96		2	3	1	
121.00	124.05	3.05	3.06	100	2.89	100		2	3	1	
124.05	127.10	3.05	3.05	100	2.45	100		2	3	1	
127.10	130.15	3.05	2.99	98	2.32	98		2	3	1	
130.15	133.20	3.05	3.03	99	2.72	99		2	3	1	
133.20	136.25	3.05	3.04	100	2.86	100		2	3	1	
136.25	139.29	3.04	3.05	100	2.56	100		2	3	1	
139.29	142.34	3.05	3.02	99	2.61	99		2	3	1	
142.34	145.39	3.05	2.99	98	2.77	98		2	3	1	
145.39	148.44	3.05	3.01	99	2.89	99		2	3	1	
148.44	151.49	3.05	2.94	96	2.79	96		2	3	1	
151.49	154.53	3.04	2.85	94	2.53	94		2	3	1	
154.53	157.58	3.05	3.04	100	2.88	100		2	3	1	
157.58	160.63	3.05	3.05	100	3.00	100		2	3	1	
160.63	163.68	3.05	2.99	98	2.61	98		2	3	1	
163.68	166.73	3.05	2.92	96	2.61	96		2	3	1	
166.73	169.77	3.04	2.99	98	1.48	98		2	2	1	
169.77	172.82	3.05	3.04	100	1.63	100		2	2	1	
172.82	175.11	2.29	2.28	100	1.73	100		2	3	1	
175.11	175.87	0.76	0.7	92	0.48	92		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
175.87	178.92	3.05	2.77	91	2.21	91		2	3	1	
178.92	181.36	2.44	2.60	107	1.68	107		2	3	1	
181.36	181.97	0.61	0.39	64	0.34	64		2	3	1	
181.97	184.40	2.43	2.65	109	2.21	109		2	3	1	
184.40	185.01	0.61	0.53	87	0.53	87		2	3	1	
185.01	188.06	3.05	3.05	100	2.60	100		2	3	1	
188.06	191.11	3.05	2.83	93	1.91	93		2	3	1	
191.11	194.16	3.05	3.00	98	0.87	98		1	1	1	
194.16	197.21	3.05	3.05	100	2.57	100		2	3	1	
197.21	200.25	3.04	2.9	95	1.67	95		2	3	1	
200.25	203.30	3.05	3.05	100	2.89	100		2	3	1	
203.30	206.35	3.05	2.76	90	2.48	90		2	3	1	
206.35	209.40	3.05	3.05	100	3.05	100		2	3	1	
209.40	212.45	3.05	2.88	90	2.67	90		2	3	1	
212.45	215.49	3.04	2.98	100	2.93	100		2	4	1	
215.49	218.54	3.05	2.95	94	2.84	94		2	3	1	
218.54	221.59	3.05	3.05	98	2.68	98		2	3	1	
221.59	224.64	3.05	2.94	97	2.63	97		2	3	1	
224.64	227.69	3.05	2.99	100	2.45	100		2	2	1	
227.69	230.73	3.04	2.92	97	2.51	97		2	3	1	
230.73	233.78	3.05	2.97	98	2.85	98		2	3	1	
233.78	236.83	3.05	2.99	96	2.81	96		2	3	1	
236.83	239.88	3.05	2.95	97	1.52	97		2	2	1	
239.88	242.93	3.05	2.82	98	1.34	98		2	3	1	
242.93	245.97	3.04	2.9	97	2.20	97		2	3	1	
245.97	249.02	3.05	3.03	92	2.05	92		1	2	1	
249.02	252.07	3.05	2.87	95	2.45	95		2	3	1	
252.07	255.12	3.05	3.02	99	2.1	99		2	3	1	
255.12	258.17	3.05	2.9	95	2.76	95		2	3	1	
258.17	261.21	3.04	2.98	98	1.64	98		2	2	1	
261.21	264.26	3.05	2.95	97	2.33	97		2	3	1	
264.26	267.31	3.05	2.98	98	2.43	98		2	3	1	
267.31	270.36	3.05	3	98	2.92	98		2	3	1	
270.36	273.41	3.05	3.01	99	2.69	99		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
273.41	275.69	2.28	2.17	95	2.12	95		2	3	1	
275.69	276.45	0.76	0.81	107	0.64	107		2	3	1	
276.45	278.48	2.03	2.18	107	1.82	107		2	3	1	
278.48	279.50	1.02	0.61	60	0.59	60		2	3	1	
279.50	282.55	3.05	2.91	95	2.33	95		2	3	1	
282.55	285.60	3.05	2.88	94	2.17	94		2	2	1	
285.60	287.73	2.13	2.17	102	1.33	102		1	2	1	
287.73	288.65	0.92	0.98	107	0.55	107		2	3	1	
288.65	291.69	3.04	2.9	95	1.48	95		1	1	1	
291.69	294.74	3.05	2.94	96	0.92	96		1	2	1	
294.74	297.79	3.05	2.96	97	2	97		1	2	1	
297.79	300.84	3.05	2.91	95	2.59	95		2	3	1	
300.84	303.89	3.05	2.93	96	1.52	96		1	2	1	
303.89	306.93	3.04	3.04	100	2.48	100		2	3	1	
306.93	309.98	3.05	2.92	96	2.42	96		2	3	1	
309.98	313.03	3.05	3.03	99	1.14	99		1	2	1	
313.03	316.08	3.05	2.94	96	2.56	96		2	3	1	
316.08	319.13	3.05	2.86	94	2.81	94		2	3	1	
319.13	322.17	3.04	3.05	100	2.81	100		2	3	1	
322.17	325.22	3.05	2.91	95	2.84	95		2	3	1	
325.22	328.27	3.05	3.01	99	2.34	99		2	2	1	
328.27	331.32	3.05	3.05	100	1.74	100		1	2	1	
331.32	334.37	3.05	2.99	98	1.91	98		1	2	1	
334.37	337.41	3.04	3.05	100	0	100		1	0	1	
337.41	340.46	3.05	2.91	95	1.23	95		2	1	1	
340.46	343.51	3.05	3	98	2.56	98		2	3	1	
343.51	346.56	3.05	3.01	99	2.68	99		2	3	1	
346.56	349.61	3.05	3.05	100	2.75	100		2	3	1	
349.61	352.65	3.04	3	99	2.68	99		2	3	1	
352.65	355.70	3.05	2.99	98	2.01	98		2	2	1	
355.70	358.75	3.05	2.98	98	2.08	98		2	3	1	
358.75	361.80	3.05	3.01	99	1.48	99		2	2	1	
361.80	364.85	3.05	3.05	100	2.38	100		2	3	1	
364.85	367.89	3.04	3.05	100	2.69	100		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
367.89	370.94	3.05	3.02	99	2.61	99		2	3	1	
370.94	373.99	3.05	2.99	98	2.68	98		2	3	1	
373.99	377.04	3.05	3.05	100	2.82	100		2	3	1	
377.04	380.09	3.05	3.03	99	2.31	99		2	3	1	
380.09	383.13	3.04	2.96	97	2.37	97		2	3	1	
383.13	386.18	3.05	2.97	97	2.37	97		2	3	1	
386.18	389.23	3.05	3.01	99	2.17	99		2	3	1	
389.23	392.28	3.05	2.92	96	2.44	96		2	3	1	
392.28	395.33	3.05	2.99	98	2.83	98		2	3	1	
395.33	398.37	3.04	3.05	100	2.68	100		2	3	1	
398.37	401.42	3.05	3	98	2.42	98		2	3	1	
401.42	404.47	3.05	2.94	96	2.6	98		2	3	1	
404.47	407.52	3.05	3.05	100	1.74	100		1	2	1	
407.52	410.57	3.05	2.89	98	0.66	98		1	1	1	
410.57	413.61	3.04	2.94	97	1.47	97		2	3	1	
413.61	416.66	3.05	3	100	2.31	100		2	3	1	
416.66	419.71	3.05	2.98	95	2.54	95		2	3	1	
419.71	422.76	3.05	3.01	96	0.66	96		2	2	1	
422.76	425.81	3.05	2.99	98	0.9	98		1	1	1	
425.81	428.85	3.04	3.03	98	1.46	98		1	2	1	
428.85	431.90	3.05	2.93	99	1.14	99		1	1	1	
431.90	434.95	3.05	3.05	98	1.2	98		1	0	1	
434.95	438.00	3.05	2.91	99	0.92	99		1	2	1	
438.00	441.05	3.05	2.84	96	1.06	96		1	1	1	
441.05	444.09	3.04	3	100	1.84	100		2	2	1	
444.09	447.14	3.05	3.05	95	0.95	95		2	2	1	
447.14	450.19	3.05	3	98	2.05	98		2	3	1	
450.19	453.24	3.05	3.03	99	2.79	99		2	3	1	
453.24	456.29	3.05	3.05	100	2.45	100		2	3	1	
456.29	459.33	3.04	2.93	96	2.42	96		2	3	1	
459.33	462.38	3.05	2.99	98	2.67	98		2	3	1	
462.38	465.43	3.05	2.94	96	2.36	96		2	3	1	
465.43	468.48	3.05	3.05	100	2.78	100		2	3	1	
468.48	471.53	3.05	3	98	1.72	98		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
471.53	474.57	3.04	2.96	97	2.65	97		2	3	1	
474.57	477.62	3.05	3.05	100	2.56	100		2	3	1	
477.62	480.67	3.05	2.91	95	2.07	95		2	3	1	
480.67	483.72	3.05	2.92	96	2.65	96		2	3	1	
483.72	486.77	3.05	2.91	95	2.32	95		1	2	1	
486.77	489.81	3.04	2.92	96	1.75	96		2	2	1	
489.81	492.86	3.05	3.01	99	2.07	99		2	2	1	
492.86	495.91	3.05	2.94	96	1.83	96		2	2	1	
495.91	498.96	3.05	2.94	96	2.09	96		2	2	1	
498.96	502.01	3.05	2.88	94	1.89	94		2	2	1	
502.01	505.05	3.04	2.96	97	2.27	97		2	2	1	
505.05	508.10	3.05	3.05	100	0.7	100		1	2	1	
508.10	511.15	3.05	2.91	95	0.96	95		1	1	1	
511.15	514.20	3.05	2.89	95	1.29	95		2	3	1	
514.20	517.25	3.05	3.03	99	2.48	99		2	3	1	
517.25	520.29	3.04	2.94	97	2.28	97		2	3	1	
520.29	522.12	1.83	1.95	107	1.53	107		2	3	1	
522.12	523.34	1.22	1.15	94	1.14	94		2	3	1	
523.34	526.39	3.05	2.97	97	2.41	97		2	3	1	
526.39	529.44	3.05	2.91	95	2.18	95		2	3	1	
529.44	532.49	3.05	2.87	94	1.32	94		2	3	1	
532.49	535.53	3.04	2.88	95	2.22	95		2	2	1	
535.53	538.58	3.05	3.05	100	2.12	100		2	3	1	
538.58	541.63	3.05	2.91	95	2.15	95		2	3	1	
541.63	544.68	3.05	2.98	98	1.87	98		2	3	1	
544.68	547.73	3.05	2.98	98	2.41	98		2	3	1	
547.73	550.77	3.04	2.94	97	2.59	97		2	3	1	
		EOH									

PROPERTY NAME

Hole: KL-12-133 **Tech Name:** **Date: Se** **Page of**

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
0.00	1.52	1.52	0	0	0	0	0	0	
1.52	3.04	1.52	0	0	0	0	0	0	
3.04	4.57	1.53	0	0	0	0	0	0	
4.57	5.49	0.92	0	0	0	0	0	0	
5.49	6.71	1.22	0	0	0	0	0	0	
6.71	8.23	1.52	0	0	0	0	0	0	
8.23	11.28	3.05	0	0	0	0	0	0	
11.28	12.80	1.52	75	0.15	0	2	2	3	
12.80	14.33	1.53	0	0	0	0	0	0	
14.33	17.37	3.04	70	0.1	0	2	2	3	
17.37	20.42	3.05	50	0.2	0	2	3	2	
20.42	23.47	3.05	40/65	0.30/0.50	2/0	2/2	2/2	2/2	
23.47	26.52	3.05	45	0.60	0	2	2	2	
26.52	29.57	3.05	60	0.7	1	2	3	2	
29.57	32.61	3.04	40/65	0.32/0.15	0/0	2/1	2/2	2/2	
32.61	35.66	3.05	0	0	0	0	0	0	
35.66	38.41	2.75	60	0.05	0	2	2	2	

PROPERTY NAME

38.41	41.76	3.35	45	0.15	0	2	2	2	
41.76	44.81	3.05	45	0.60	0	2	3	2	
44.81	47.85	3.04	70	0.40	2	2	2	2	
47.85	50.90	3.05	40	1.00	0	2	3	2	
50.90	53.95	3.05	75/60	0.02/0.65	0/1	2/2	3/3	2/2	
53.95	57.00	3.05	75	0.10	2	2	2	2	
57.00	60.05	3.05	0	0	0	0	0	0	
60.05	63.09	3.04	0	0	0	0	0	0	
63.09	66.14	3.05	50/35	0.05/0.45	1/0	2/2	3/3	2/2	
66.14	69.19	3.05	80/45	0.05/0.12	0/1	2/2	3/3	2/2	
69.19	72.24	3.05	80	0.30	0	2	2	1	
72.24	75.29	3.05	60/45	0.15/0.30	0/0	2/2	2/3	2/2	
75.29	78.33	3.04	30	0.1	1	1	2	1	
78.33	81.38	3.05	45/75	0.60/0.05	0/2	2/2	2/2	1/1	
81.38	84.43	3.05	0	0	0	0	0	0	
84.43	87.48	3.05	0	0	0	0	0	0	
87.48	90.53	3.05	50	0.6	0	2	2	1	
90.53	93.57	3.04	85	0.2	0	2	3	2	
93.57	96.62	3.05	25/45	0.2/0.1	0/0	2/2	3/3	1/1	
96.62	99.67	3.05	50	0.2	1	2	2	1	
99.67	102.72	3.05	45	0.15	0	2	3	1	
102.72	105.77	3.05	85	0.10	0	2	3	1	
105.77	108.81	3.04	0	0	0	0	0	0	
108.81	111.86	3.05	75	0.40	0	2	3	1	
111.86	114.91	3.05	0	0	0	0	0	0	
114.91	117.96	3.05	50	0.5	0	2	2	1	
117.96	121.00	3.04	45	0.4	0	2	3	1	

PROPERTY NAME

121.00	124.05	3.05	45	0.7	1	2	2	1
124.05	127.10	3.05	45	0.65	2	2	2	1
127.10	130.15	3.05	70	0.5	0	2	2	1
130.15	133.20	3.05	0	0	0	0	0	0
133.20	136.25	3.05	30	0.8	0	2	3	1
136.25	139.29	3.04	45	0.15	0	2	3	1
139.29	142.34	3.05	60	0.15	0	2	3	1
142.34	145.39	3.05	55	0.60	0	2	3	1
145.39	148.44	3.05	70/45	0.20/1.8	0/0	2/2	2/2	1/1
148.44	151.49	3.05	60/45	1.10/0.30	0/0	2/2	3/3	1/1
151.49	154.53	3.04	45	0.50	0	2	2	1
154.53	157.58	3.05	0	0	0	0	0	0
157.58	160.63	3.05	50	0.2	0	2	2	1
160.63	163.68	3.05	50	0.4	0	2	2	1
163.68	166.73	3.05	30	0.8	1	2	2	1
166.73	169.77	3.04	40	0.15	0	2	2	1
169.77	172.82	3.05	40	1.5	1	2	2	1
172.82	175.11	2.29	45	0.1	0	2	2	1
175.11	175.87	0.76	0	0	0	0	0	0
175.87	178.92	3.05	75	0.5	0	2	2	1
178.92	181.36	2.44	0	0	0	0	0	0
181.36	181.97	0.61	0	0	0	0	0	0
181.97	184.40	2.43	50	0.1	0	1	2	1
184.40	185.01	0.61	0	0	0	0	0	0
185.01	188.06	3.05	60	0.5	0	2	2	1
188.06	191.11	3.05	50/30	0.60/0.70	0/0	2/2	3/3	1/1
191.11	194.16	3.05	25	0.03	1	2	3	1
194.16	197.21	3.05	25/60	1.20/0.3	1/0	2/2	3/2	1/1
197.21	200.25	3.04	45	0.60	2	2	3	1
200.25	203.30	3.05	65	0.55	0	2	3	1
203.30	206.35	3.05	45	0.15	0	2	3	1
206.35	209.40	3.05	45	2.5	0	2	2	1
209.40	212.45	3.05	25/45	0.15/1.00	0/0	2/2	3/3	1/1
212.45	215.49	3.04	0	0	0	0	0	0
215.49	218.54	3.05	40	0.20	0	2	2	1
218.54	221.59	3.05	40	0.1	0	2	2	1
221.59	224.64	3.05	0	0	0	0	0	0
224.64	227.69	3.05	50	0.30	0	2	3	1
227.69	230.73	3.04	45/85	0.18/0.15	0/0	3/2	2/2	1/1
230.73	233.78	3.05	55	0.37	0	2	2	1
233.78	236.83	3.05	70	0.70	0	2	2	1
236.83	239.88	3.05	55	0.05	0	2	3	1
239.88	242.93	3.05	0	0	0	0	0	0
242.93	245.97	3.04	40	0.40	0	2	3	1
245.97	249.02	3.05	25	0.2	0	2	2	1
249.02	252.07	3.05	45	0.35	0	2	2	1
252.07	255.12	3.05	45/60	0.05/0.15	0/0	2/2	2/3	1/1
255.12	258.17	3.05	75	0.85	0	2	3	1

PROPERTY NAME

258.17	261.21	3.04	70/30	0.05/0.05	0/0	2/2	3/3	1/1
261.21	264.26	3.05	80	0.2	0	2	2	1
264.26	267.31	3.05	45	0.1	0	2	2	1
267.31	270.36	3.05	0	0	0	0	0	0
270.36	273.41	3.05	30	0.45	0	2	2	1
273.41	275.69	2.28	25	0.60	0	2	2	1
275.69	276.45	0.76	0	0	0	0	0	0
276.45	278.48	2.03	60	.15	0	2	2	1
278.48	279.50	1.02	0	0	0	0	0	0
279.50	282.55	3.05	50	0.15	0	2	2	1
282.55	285.60	3.05	45/30	0.5/0.15	2/0	2/2	2/3	1/1
285.60	287.73	2.13	45	0.50	0	3	3	1
287.73	288.65	0.92	50	0.35	0	2	3	1
288.65	291.69	3.04	45	0.10	0	2	2	1
291.69	294.74	3.05	45	0.40	1	2	3	1
294.74	297.79	3.05	50	0.30	1	2	3	1
297.79	300.84	3.05	45	0.40	0	2	2	1
300.84	303.89	3.05	45	0.12	0	2	2	1
303.89	306.93	3.04	30	0.15	0	2	3	1
306.93	309.98	3.05	45	0.50	0	2	2	1
309.98	313.03	3.05	0	0	0	0	0	0
313.03	316.08	3.05	25	0.10	0	2	3	1
316.08	319.13	3.05	0	0	0	0	0	0
319.13	322.17	3.04	70	0.22	0	2	2	1
322.17	325.22	3.05	0	0	0	0	0	0
325.22	328.27	3.05	50	0.35	1	2	2	1
328.27	331.32	3.05	45	0.25	1	2	2	1
331.32	334.37	3.05	70	1.20	1	2	2	1
334.37	337.41	3.04	0	0	0	0	0	0
337.41	340.46	3.05	75	0.60	0	2	3	1
340.46	343.51	3.05	0	0	0	0	0	0
343.51	346.56	3.05	45/75	0.10/0.4	0/0	2/2	2/3	1/1
346.56	349.61	3.05	60	0.70	0	2	2	1
349.61	352.65	3.04	50	0.40	0	2	2	1
352.65	355.70	3.05	85	0.05	0	2	3	1
355.70	358.75	3.05	60	0.10	0	2	2	1
358.75	361.80	3.05	0	0	0	0	0	0
361.80	364.85	3.05	35	0.30	0	2	2	1
364.85	367.89	3.04	0	0	0	0	0	0
367.89	370.94	3.05	75	0.30	0	2	3	1
370.94	373.99	3.05	0	0	0	0	0	0
373.99	377.04	3.05	0	0	0	0	0	0
377.04	380.09	3.05	85/50	0.2/0.25	0/0	2/2	3/3	1/1
380.09	383.13	3.04	60	1.35	0	2	3	1
383.13	386.18	3.05	50	0.50	0	2	2	1
386.18	389.23	3.05	80	0.15	0	2	3	1
389.23	392.28	3.05	85	0.25	0	2	2	1
392.28	395.33	3.05	45	0.30	1	2	3	1

PROPERTY NAME

395.33	398.37	3.04	50	0.15	1	2	2	1
398.37	401.42	3.05	30	0.15	0	2	3	1
401.42	404.47	3.05	0	0	0	0	0	0
404.47	407.52	3.05	60	0.17	0	2	3	1
407.52	410.57	3.05	0	0	0	0	0	0
410.57	413.61	3.04	50/30	0.05/1	0/0	2/2	2/2	1/1
413.61	416.66	3.05	30	0.10	0	2	2	1
416.66	419.71	3.05	45/60	1/0.4	0/0	3/2	3/3	1/1
419.71	422.76	3.05	70/50	0.03/0.35	0/0	2/2	2/3	1/1
422.76	425.81	3.05	50	0.10	0	2	3	1
425.81	428.85	3.04	0	0	0	0	0	0
428.85	431.90	3.05	75	0.10	0	2	2	1
431.90	434.95	3.05	50	0.65	0	2	2	1
434.95	438.00	3.05	50	0.15	0	2	2	1
438.00	441.05	3.05	50	0.45	0	2	3	1
441.05	444.09	3.04	50	0.35	0	2	3	1
444.09	447.14	3.05	80	0.15	1	2	2	1
447.14	450.19	3.05	50/30	0.05/0.08	0/0	2/2	2/2	1/1
450.19	453.24	3.05	0	0	0	0	0	0
453.24	456.29	3.05	65/40	0.12/0.60	0/0	2/2	3/2	1/1
456.29	459.33	3.04	75	0.25	0	2	3	1
459.33	462.38	3.05	70	1.00	0	2	2	1
462.38	465.43	3.05	50	0.30	0	2	3	1
465.43	468.48	3.05	25	0.20	0	2	3	1
468.48	471.53	3.05	60	0.50	0	2	3	1
471.53	474.57	3.04	55/40	0.10/0.35	0/0	2/2	2/2	1/1
474.57	477.62	3.05	45	0.30	0	2	2	1
477.62	480.67	3.05	0	0	0	0	0	0
480.67	483.72	3.05	50	0.15	1	2	2	1
483.72	486.77	3.05	55	0.08	1	2	2	1
486.77	489.81	3.04	0	0	0	0	0	0
489.81	492.86	3.05	0	0	0	0	0	0
492.86	495.91	3.05	45	0.15	1	2	3	1
495.91	498.96	3.05	45	0.10	0	2	3	1
498.96	502.01	3.05	60/45	0.15/0.10	2/0	2/3	3/3	1/1
502.01	505.05	3.04	75	0.35	0	2	3	1
505.05	508.10	3.05	0	0	0	0	0	0
508.10	511.15	3.05	0	0	0	0	0	0
511.15	514.20	3.05	45	0.30	0	2	2	1
514.20	517.25	3.05	60	1.55	0	2	2	1
517.25	520.29	3.04	50	0.10	0	2	3	1
520.29	522.12	1.83	70	0.34	0	2	3	1
522.12	523.34	1.22	0	0	0	0	0	0
523.34	526.39	3.05	45	0.75	0	2	2	1
526.39	529.44	3.05	60	0.02	0	2	2	1
529.44	532.49	3.05	0	0	0	0	0	0
532.49	535.53	3.04	50	0.90	0	2	3	1
535.53	538.58	3.05	45	0.50	1	2	3	1

PROPERTY NAME

538.58	541.63	3.05	40	0.25	0	2	3	1
541.63	544.68	3.05	50/65	0.10/0.08	0/0	2/3	3/3	1/1
544.68	547.73	3.05	45	0.65	0	2	2	1
547.73	550.77	3.04	0	0	0	0	0	0
		EOH						

PROPERTY NAME

Hole: KL-12-133 **Date:** September 13, 2012

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS

PROPERTY NAME

Hole: KL-12-133 **Date: September 13, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00	0.26	
2.00	0.28	
3.00	0.23	
4.00	0.21	
5.00	0.21	
6.00	0.18	
7.00	0.13	
8.00	0.36	
9.00	0.16	
10.00	0.20	
11.00	0.05	
12.00	0.05	
13.00	0.05	
14.00	0.16	
15.00	0.03	
16.00	0.03	
17.00	0.07	
18.00	0.31	
19.00	1.00	
20.00	16.10	
21.00	6.60	
22.00	3.49	
23.00	4.46	
24.00	0.86	
25.00	11.70	
26.00	0.42	
27.00	1.40	
28.00	19.40	
29.00	3.11	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.50	
31.00	1.62	
32.00	0.42	
33.00	0.47	
34.00	18.10	
35.00	1.44	
36.00	11.10	
37.00	8.47	
38.00	10.90	
39.00	3.78	
40.00	13.90	
41.00	0.62	
42.00	3.16	
43.00	2.63	
44.00	3.11	
45.00	1.44	
46.00	0.62	
47.00	4.44	
48.00	0.36	
49.00	0.29	
50.00	0.36	
51.00	0.07	
52.00	0.27	
53.00	2.54	
54.00	0.82	
55.00	0.91	
56.00	12.30	
57.00	20.00	
58.00	1.06	
59.00	19.00	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	14.20	
61.00	25.20	
62.00	1.00	
63.00	26.60	
64.00	22.70	
65.00	1.97	
66.00	6.05	
67.00	1.51	
68.00	0.93	
69.00	1.68	
70.00	12.40	
71.00	10.00	
72.00	1.11	
73.00	1.00	
74.00	7.53	
75.00	17.40	
76.00	23.90	
77.00	22.90	
78.00	1.28	
79.00	24.90	
80.00	19.50	
81.00	14.70	
82.00	19.10	
83.00	23.90	
84.00	18.00	
85.00	17.60	
86.00	22.10	
87.00	21.20	
88.00	14.70	
89.00	22.30	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	3.93	
91.00	22.10	
92.00	1.64	
93.00	3.03	
94.00	12.80	
95.00	11.90	
96.00	0.56	
97.00	1.20	
98.00	6.03	
99.00	0.47	
100.00	0.43	
101.00	0.82	
102.00	0.95	
103.00	8.47	
104.00	1	
105.00	0.43	
106.00	0.45	
107.00	1.75	
108.00	6.69	
109.00	1.66	
110.00	17.4	
111.00	1	
112.00	24.1	
113.00	26.1	
114.00	23.7	
115.00	25.2	
116.00	3.69	
117.00	28.4	
118.00	13.8	
119.00	28.5	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	23.7	
121.00	1.66	
122.00	29.3	
123.00	20.7	
124.00	1.44	
125.00	14.2	
126.00	12.2	
127.00	17.4	
128.00	19.1	
129.00	2.89	
130.00	15.1	
131.00	30.9	
132.00	18	
133.00	0.58	
134.00	1.06	
135.00	0.48	
136.00	5.25	
137.00	0.65	
138.00	18.9	
139.00	20.9	
140.00	21.3	
141.00	27.5	
142.00	1.5	
143.00	13.9	
144.00	21.2	
145.00	0.93	
146.00	22.8	
147.00	17.7	
148.00	13	
149.00	1.5	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	20.3	
151.00	8.1	
152.00	19.8	
153.00	21.5	
154.00	22.7	
155.00	20.4	
156.00	19.1	
157.00	19.9	
158.00	23.2	
159.00	23.8	
160.00	20.5	
161.00	1.17	
162.00	0.27	
163.00	2.81	
164.00	3.16	
165.00	5.91	
166.00	27.2	
167.00	27	
168.00	3.42	
169.00	1.79	
170.00	3.33	
171.00	27.6	
172.00	20.2	
173.00	9.64	
174.00	27.6	
175.00	17.6	
176.00	23.8	
177.00	19.5	
178.00	18.9	
179.00	18.4	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	23.1	
181.00	25.8	
182.00	24.5	
183.00	18.4	
184.00	29.2	
185.00	23.3	
186.00	25.5	
187.00	29	
188.00	25	
189.00	28.9	
190.00	33.2	
191.00	0.25	
192.00	0.36	
193.00	1.39	
194.00	0.34	
195.00	0.89	
196.00	0.45	
197.00	1.61	
198.00	0.86	
199.00	0.38	
200.00	0.27	
201.00	0.69	
202.00	2.72	
203.00	24	
204.00	12.9	
205.00	1.18	
206.00	10.1	
207.00	29.4	
208.00	0.43	
209.00	0.42	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	20.5	
211.00	12.8	
212.00	18.8	
213.00	31.7	
214.00	33.7	
215.00	2.12	
216.00	2.37	
217.00	21	
218.00	4.72	
219.00	20.7	
220.00	19.6	
221.00	0.18	
222.00	1.13	
223.00	1.66	
224.00	1.75	
225.00	0.45	
226.00	0.76	
227.00	13	
228.00	24.7	
229.00	24.3	
230.00	26.2	
231.00	20.4	
232.00	21.8	
233.00	14.7	
234.00	26.8	
235.00	0.87	
236.00	2.89	
237.00	0.42	
238.00	0.38	
239.00	0.31	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	1.28	
241.00	0.58	
242.00	0.45	
243.00	0.54	
244.00	19.6	
245.00	18.5	
246.00	26	
247.00	3.34	
248.00	0.56	
249.00	17.5	
250.00	19.8	
251.00	19.4	
252.00	15.8	
253.00	21.9	
254.00	24.1	
255.00	19.6	
256.00	0.54	
257.00	4.95	
258.00	14.6	
259.00	2.25	
260.00	0.62	
261.00	0.2	
262.00	0.98	
263.00	16.3	
264.00	16.7	
265.00	12	
266.00	18.7	
267.00	27.2	
268.00	29.7	
269.00	23.6	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	32.4	
271.00	24.2	
272.00	27.2	
273.00	34	
274.00	23.5	
275.00	1.68	
276.00	16.6	
277.00	27	
278.00	22.3	
279.00	23.9	
280.00	24.9	
281.00	22.7	
282.00	25.9	
283.00	14.4	
284.00	25.3	
285.00	24.6	
286.00	21	
287.00	7.21	
288.00	0.54	
289.00	0.29	
290.00	1.22	
291.00	0.36	
292.00	0.18	
293.00	0.64	
294.00	0.4	
295.00	0.38	
296.00	0.51	
297.00	0.21	
298.00	1.02	
299.00	8.5	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	18.5	
301.00	1.86	
302.00	0.09	
303.00	0.16	
304.00	0.1	
305.00	0.21	
306.00	0.2	
307.00	0.54	
308.00	35.9	
309.00	0.31	
310.00	13.2	
311.00	0.27	
312.00	0	
313.00	0.14	
314.00	0.25	
315.00	0.75	
316.00	0.36	
317.00	4.3	
318.00	5.25	
319.00	0.34	
320.00	0.1	
321.00	1.92	
322.00	9.16	
323.00	0.23	
324.00	0.49	
325.00	0.23	
326.00	0.16	
327.00	0.47	
328.00	0.12	
329.00	0.27	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	0.32	
331.00	0.23	
332.00	0.8	
333.00	0.29	
334.00	0.32	
335.00	0.34	
336.00	0.23	
337.00	0.43	
338.00	0.93	
339.00	0.32	
340.00	0.47	
341.00	8.49	
342.00	20.3	
343.00	0.49	
344.00	25.7	
345.00	1.39	
346.00	0.36	
347.00	5.72	
348.00	0.51	
349.00	15.8	
350.00	22.1	
351.00	11.2	
352.00	0.2	
353.00	0.38	
354.00	0.2	
355.00	0.98	
356.00	0.45	
357.00	0.86	
358.00	1.11	
359.00	0.2	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	1.68	
361.00	0.42	
362.00	0.45	
363.00	0.07	
364.00	0.18	
365.00	0.31	
366.00	3.8	
367.00	11.8	
368.00	0.58	
369.00	18.4	
370.00	0.32	
371.00	9.88	
372.00	0.71	
373.00	0.84	
374.00	9.44	
375.00	1.99	
376.00	15.3	
377.00	32.5	
378.00	23.4	
379.00	27.2	
380.00	15.7	
381.00	12.5	
382.00	0.4	
383.00	1.1	
384.00	0.18	
385.00	0.29	
386.00	0.32	
387.00	0.84	
388.00	1.48	
389.00	21.9	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	12.2	
391.00	4.44	
392.00	35.9	
393.00	16.8	
394.00	16.4	
395.00	5.01	
396.00	0.98	
397.00	0.6	
398.00	2.04	
399.00	15.9	
400.00	0.45	
401.00	5.58	
402.00	0.42	
403.00	0.4	
404.00	0.4	
405.00	0.38	
406.00	0.23	
407.00	0.51	
408.00	0.25	
409.00	0.25	
410.00	0.25	
411.00	0.42	
412.00	0.21	
413.00	0.45	
414.00	0.64	
415.00	0.54	
416.00	7.94	
417.00	0.18	
418.00	2.98	
419.00	0.64	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	0.51	
421.00	0.09	
422.00	0.21	
423.00	0.29	
424.00	0.31	
425.00	0.23	
426.00	0.31	
427.00	0.34	
428.00	0.31	
429.00	0.34	
430.00	0.2	
431.00	0.29	
432.00	0.18	
433.00	0.27	
434.00	0.09	
435.00	0.31	
436.00	0.4	
437.00	0.23	
438.00	0.21	
439.00	6.4	
440.00	0.86	
441.00	0.4	
442.00	0.47	
443.00	0.43	
444.00	0.18	
445.00	0.18	
446.00	0.2	
447.00	0.18	
448.00	0.51	
449.00	0.32	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	0.32	
451.00	0.93	
452.00	5.52	
453.00	18.6	
454.00	18.6	
455.00	4.9	
456.00	5.59	
457.00	16.4	
458.00	14.2	
459.00	34.9	
460.00	4.17	
461.00	17	
462.00	35.2	
463.00	5.34	
464.00	9.42	
465.00	11.3	
466.00	2.3	
467.00	0.31	
468.00	22.9	
469.00	2.1	
470.00	0.65	
471.00	0.36	
472.00	0.42	
473.00	3.14	
474.00	37.5	
475.00	26.7	
476.00	39.7	
477.00	44	
478.00	0.43	
479.00	1.26	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
480.00	2.08	
481.00	3.23	
482.00	0.95	
483.00	3.01	
484.00	34.1	
485.00	0.75	
486.00	0.82	
487.00	0.31	
488.00	0.49	
489.00	0.31	
490.00	0.4	
491.00	0.56	
492.00	0.12	
493.00	0.23	
494.00	0.31	
495.00	0.27	
496.00	0.6	
497.00	0.67	
498.00	0.71	
499.00	0.58	
500.00	0.58	
501.00	0.4	
502.00	0.6	
503.00	0.45	
504.00	0.23	
505.00	0.34	
506.00	0.34	
507.00	1.06	
508.00	0.76	
509.00	0.38	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
510.00	0.12	
511.00	0.2	
512.00	0.65	
513.00	0.56	
514.00	0.36	
515.00	1.64	
516.00	40.9	
517.00	2.37	
518.00	0.75	
519.00	0.67	
520.00	16.7	
521.00	22.7	
522.00	20.5	
523.00	1.26	
524.00	0.4	
525.00	3.55	
526.00	5.72	
527.00	0.16	
528.00	0.87	
529.00	1.28	
530.00	0.38	
531.00	0.8	
532.00	0.21	
533.00	0.27	
534.00	1.46	
535.00	0.14	
536.00	2.54	
537.00	16.7	
538.00	21.1	
539.00	18.8	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
540.00	23.3	
541.00	26.9	
542.00	0.47	
543.00	1.44	
544.00	0.23	
545.00	1.68	
546.00	4.9	
547.00	32.2	
548.00	30.4	
549.00	30.3	
550.00	37.3	

EOH

PROPERTY NAME

Hole: **KL-12-133** **Date: September 13, 2012**

Box #	From (m)	To (m)
1	0.00	5.49
2	5.49	9.75
3	9.75	12.80
4	12.80	18.84
5	18.84	24.41
6	24.41	30.40
7	30.40	35.79
8	35.79	41.58
9	41.58	47.39
10	47.39	52.92
11	52.92	58.66
12	58.66	64.31
13	64.31	69.65
14	69.65	75.04
15	75.04	81.09
16	81.09	86.88
17	86.88	92.58
18	92.58	98.25
19	98.25	103.89
20	103.89	109.50
21	109.50	115.42
22	115.42	121.11
23	121.11	126.96
24	126.96	132.77
25	132.77	138.60
26	138.60	144.52
27	144.52	150.51
28	150.51	156.60
29	156.60	161.88

PROPERTY NAME

30	161.88	167.74
31	167.74	173.31
32	173.31	179.09
33	179.09	184.55
34	184.55	190.33
35	190.33	195.64
36	195.64	200.97
37	200.97	206.81
38	206.81	212.45
39	212.45	218.54
40	218.54	224.42
41	224.42	230.40
42	230.40	232.26
43	232.26	242.28
44	242.28	248.05
45	248.05	253.75
46	253.75	259.68
47	259.68	265.18
48	265.18	271.01
49	271.01	276.58
50	276.58	282.55
51	282.55	288.31
52	288.31	293.76
53	293.76	299.58
54	299.58	305.08
55	305.08	311.10
56	311.10	316.67
57	316.67	322.67
58	322.67	328.70
59	328.70	334.25
60	334.25	339.59
61	339.59	345.55
62	345.55	351.42
63	351.42	357.14
64	357.14	362.54
65	362.54	367.97
66	367.97	373.82

PROPERTY NAME

67	373.82	379.42
68	379.42	385.06
69	385.06	390.49
70	390.49	396.31
71	396.31	401.94
72	401.94	407.52
73	407.52	413.12
74	413.12	418.72
75	418.72	424.41
76	424.41	430.20
77	430.20	435.75
78	435.75	441.51
79	441.51	447.14
80	447.14	453.01
81	453.01	458.07
82	458.07	463.89
83	463.89	469.35
84	469.35	474.57
85	474.57	480.23
86	480.23	485.90
87	485.90	491.46
88	491.46	497.26
89	497.26	503.09
90	503.09	508.50
91	508.50	514.12
92	514.12	519.96
93	519.96	525.60
94	525.60	531.10
95	531.10	536.61
96	536.61	541.63
97	541.63	546.94
98	546.94	550.77
		EOH

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE: BRX			383443.94	6888818.6	1340.582	233.78

SECTION: BRX 11+700 mE

HOLE: KL-12-134

CLAIM: Klaza 11

Contractor: Swiftsure

Drill: 1

Core size: NQ2 Reduced at: _____ (m)

Casing depth: _____ (m) in / **out**

Drilling dates:

TARGET:

Geology logged by: X. Montague

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
20.4216	35.8	-49.5	Ranger	160.6296	41.4	-48.3	Ranger
50.9016	34.5	-49.5	Ranger	166.7256	41.8	-48.4	Ranger
56.9976	37.3	-49.6	Ranger	227.6856	40	-48.1	Ranger
87.48	37.9	-49.2	Ranger	233.7816	42.6	-48	Ranger

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	12.19	12.19	OVB	Overburden
12.19	143.68	131.49	COU	Country rock, lots of pyrite stringers and blebby pyrite
				rock is largely magnetic.
143.68	155.47	11.79	FEL	Quartz feldspar porphyry dyke
155.47	225.27	69.80	COU	Country rock, Pyrite stringers developing into massiv
				quartz veins hosting massive pyrite and chalcopyrite.
				Nonmagnetic, Lighter colour than previous COU
				intervals.
225.27	226.27	1.00	FEL	Quartz feldspar porphyry dyke
226.27	233.78	7.51	COU	Country Rock, magnetic. No development of pyrite
				stringers and veinlets.
				EOH at 233.78 m.

SAMPLES

Numbers: M354550-M354664

Total: 115

Batch: 134-1, 134-4

Date Sent:

Certificate:

COMMENTS

EOH @ 233.78 m

PROPERTY NAME

Hole: KL-12-134 **Logger Name:** X. Montague **Date:** September 11, 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
0.00	12.19	12.19				OVB	COU	FG	MD	OR	CR			CLY	3			Li	20		Limonite stained with goethite in fractures, clay rich overburden. Country rock is porphyritic, with clay altered feldspars.
										BN					4			Go	3		
12.19	13.80	1.61					COU	FG	MD	OR	CR	4						Li	30		Pervasively oxidized, limonite stained country rock.
											FR										
13.80	24.20	10.40					COU	FG	DK	GR	FR			PRO	2						Weak-moderately propylitic altered country rock, very fractured, crosscut by white carbonate veinlets.
										BL					3						
24.20	27.00	2.80					COU	FG	LT	GR	PO	4		ARG	3	2					Light green/blue argillic altered country rock with infrequent pyrite veinlets and white, milky quartz netted veinlets.
										BL											
27.00	33.45	6.45					COU	FG	DK	GR				PRO	2						Dark green/blue, fine grained, weak propylitic altered country rock. Magnetic infrequently - only in weakly altered rock.
										BL											
33.45	40.47	7.02					COU	FG	LT	GR	CR	4		ARG	3						Moderate argillic altered country rock 2 or 3 possible faults. - see secondary structures, texture is porphyritic in argillic alteration.
										WH	FR										
											DR										
40.47	44.81	4.34					COU	FG	DK	GR											Dark green/blue, fine grained, weak propylitic altered country rock. Magnetic infrequently - only in weakly altered rock.
										BL											
44.81	46.46	1.65					COU	FG			PO	4		ARG	3						Faulted, argillic altered country rock, variable grain size.
46.46	62.10	15.64					COU	FG													Dark green/blue, fine grained, weak propylitic altered country rock. Magnetic infrequently - only in weakly altered rock.
62.10	67.40	5.30					COU	FG													Moderate argillic altered country rock with weakly faulted phyllic altered envelopes around white, milky quartz veins. Texture is porphyritic in argillic alteration. Pervasive disseminated pyrite.
67.40	69.15	1.75					COU	FG													Dark green/blue, fine grained, weak propylitic altered country rock. Magnetic infrequently - only in weakly altered rock.
69.15	77.50	8.35					COU	FG	LT	GR		3		ARG	2						Weakly argillic altered country rock, varies in grain size. Some fine grained, some porphyritic. Oxidized in fractures and pervasively zoned away from fractures.
										TN											
77.50	81.87	4.37					COU	FG													Dark green/blue, fine grained, weak propylitic altered country rock. Magnetic infrequently - only in weakly altered rock.
81.87	94.60	12.73					COU	FG	LT	GR	TO	2		ARG	2						Weak argillic altered country rock, oxidized in rock fractures and 2 cm around fractures.
										GY											
94.60	101.80	7.20					COU	FG	MD	GR				PRO	2	2					Weak propylitic altered country rock crosscut by infrequent white carbonate veinlets and infrequent white quartz veins hosting pyrite.
										GY											
101.80	102.72	0.92					COU	FG	LT	GR		2		PHI	3	2					Weak phyllic altered country rock with moderate oxidation enveloping fractures.
										OR											
102.72	143.68	40.96							LT	GR				ARG	2						Weak argillic altered country rock
														PHI	4						
143.68	155.47	11.79				LKqP	FEL		LT	TN	PO			ARG	3						moderately argillic altered feldspar porphyry dyke.
155.47	206.00	50.53					COU	FG	LT	GN				ARG	2	1					Weakly argillic altered country rock

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
206.00	208.95	2.95					COU	FG	LT	GR	EN			ARG	3	2					Moderate argillic altered country rock enveloping mineralized grey/pink quartz veins.
										GY											
208.95	211.82	2.87					COU	FG	MD	GY				PRO	2	1					Weak propylitic altered country rock
211.82	212.50	0.68					COU	FG	LT	GR	EN			ARG	3	2					Moderate argillic altered country rock enveloping mineralized grey/pink quartz veins.
										GY											
212.50	213.82	1.32					COU	FG	MD	GY				PRO	2	1					Weak propylitic altered country rock
213.82	214.95	1.13					COU	FG	LT	GR	EN			ARG	3	2					Moderate argillic altered country rock enveloping mineralized grey/pink quartz veins.
										GY											
214.95	216.80	1.85					COU	FG	MD	GY				PRO	2	1					Weak propylitic altered country rock
216.80	217.80	1.00					COU	FG	LT	GR	EN			ARG	3	2					Moderate argillic altered country rock enveloping mineralized grey/pink quartz veins.
										GY											
217.80	225.27	7.47					COU	FG	MD	GY				PRO	2	1					Weak propylitic altered country rock
225.27	226.27	1.00				LKqP	FEL		LT	TN	PO			ARG	3						Moderately argillic altered quartz feldspar porphyry dyke.
226.27	230.63	4.36					COU	FG	MD	GY				PRO	2	1					Weak propylitic altered country rock
230.63	233.78	3.15					MAF		DK	GR	PO			PRO	2						Weak propylitic altered mafic porphyry dyke.
										GY											
																					EOH at 233.78 m.

PROPERTY NAME

Hole: KL-12-134 **Logger Name: X. Montague**

Depth (m)		DESCRIPTION	
	143.68	COU - FEL	70 degree TCA. Sharp contact between country rock (uphole) and quartz feldspar porphyry dyke (downhole). Pyrite mineralization for 20 cm in country rock at contact.
	155.47	FEL - COU	80 degrees TCA. Sharp contact between quartz feldspar porphyry dyke (uphole) and country rock (downhole). Some dark grey quartz rich veining at contact with disseminated pyrite.
	225.20	COU - FEL	Swirly 80 degrees TCA. Contact between country rock and quartzfeldspar porphyry dyke.
	216.30	FEL - COU	Swirly 80 degrees TCA. Contact between country rock and quartzfeldspar porphyry dyke.
	230.60	COU - MAF	Sharp 70 degrees TCA contact. Country rock and mafic dyke.
	EOH		

PROPERTY NAME

Hole: KL-12-134 **Logger Name:** X. Montague **Date:** September 11, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
Vt								Entire hole has roughly 60 degree TCA white carbonate veinlets.	
Vn	20.15	21.30	30.00		2	Py	2	White, translucent quartz vein with blebs of pyrite.	
Vn	33.50	33.52	65.00		1	Py	10	White, translucent quartz vein with blebs of pyrite.	
Ft	33.80	33.89			1	Li	15	Orange/brown fault gouge, crumbled.	
						Sph	2		
Ft	37.40	37.50			1	Li	30	Orange/brown fault gouge, very crumbled.	
Ft	40.20	40.40			1	Li	30	Orange/brown fault gouge, very crumbled.	
Ft	42.60	42.63	85.00		1	Py	2	Dark grey gouge and orange/brown fault gouge. Dark grey gouge has very finegrained disseminated pyrite.	
Ft	44.81	45.20			1	Py	3	Orange/brown fault gouge, hosting two pyrite veinlets.	
Vn	61.45	61.46	60.00		1	Py	1	White, milky quartz vein with minor crustiform textures, trace disseminated pyrite.	
Ft	62.32	62.38	70.00		1	Li	10	Orange/brown fault gouge.	
Ft	63.65	63.70	70.00		1	Li	10	Orange/brown fault gouge. Some grey colouring.	
Vt	65.69	66.75	65.00		5	Py	7	Frequent white, milky quartz veinlets hosting pyrite. Pervasive pyrite in interval.	
Ft	66.45	66.58	55.00		1	Py	2	Orange/brown fault gouge, euhedral pyrite crystalline throughout.	
Vt	95.10	108.00	65.00		12	Py	2	Infrequent, white quartz veinlets hosting blebby pyrite.	
Vn	100.80	100.82	60.00		1	Py	1	Grey, translucent quartz and white, milky quartz vein hosting blebby pyrite.	
Ft	101.95	102.02	55.00		1	Li	10	Limonite stained faulted gouge.	
						Py	1		
Vn	104.50	104.56	40.00		1	Sph	10	Vuggy, white, milky quartz vein hosting blebby to semimassive honey brown sphalerite, pyrite and galena.	
						Py	15		
						Gn	1		
Vn	106.34	106.35	70.00		1	Py	15	Smokey quarzt vein hosting blebby pyrite.	
Vn	114.95	117.74	65.00		8	Py	2	Pink/grey, translucent quartz vein zone, 30 % is massive quartz hosting infrequent blebs of pyrite.	
Vn	116.10	116.16	70.00		1	Py	5	Vuggy, pink grey smokey quartz hosting pyrite.	
Vn	124.30	124.36	65.00		1	Py	20	Pink/grey, translucent quartz veins with white, milky quartz veins hosting blebby pyrite.	
Ft	128.58	128.62	45.00		1	Li	5	Limonite stained fault, no gouge.	
Vn	130.89	131.02	65.00		1	Li	2	Vuggy, white, milky quartz vein with bands of grey, translucent quartz hosting blebby pyrite.	
						Py	5		
Vn	131.02	131.15	80.00		1	Py	15	Banded smokey quartz veins/veinlets hosting blebby pyrite.	
Vn	131.38	131.41	80.00		1	Py	20	Pink/grey, translucent quartz veins with white, milky quartz veins hosting blebby pyrite.	
Vn	133.25	133.36	85.00		1	Py	5	Complex vein, two, 1.5 cm white carbonate breccia veins, majority is grey translucent quartz hosting blebby pyrite.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vt	126.00	140.00	80.00		5	Py	5	Grey translucent quartz veinlets hosting blebby pyrite.	
Vn/Bx	144.81	144.60	75.00		1	Py	2	Brecciated vein zone. Some white/milky quartz veinlets with clasts of mineralized (pyrite) country rock.	
Ft	144.61	144.64	75.00		1			Fault gouge	
Vn	155.26	155.52	85.00		1	Py	1	Dark grey, quartz rich vein with fine grained disseminated pyrite.	
Vn	169.77	170.20	75.00		2	Py	5	Two smokey quartz/white, milky quartz veinlets. Some grey quartz breccia hosting blebby pyrite.	
Vt	178.00	170.40	65.00		5			Combination of white and milky quartz veinlets.	
Vn	179.17	179.19	65.00		1	Py	5	Combination of grey translucent quartz veins with off white carbonate infilling hosting blebby pyrite.	
Vn	179.49	179.55	50.00		1	Py	40	Smokey quartz vein hosting blebby to semi massive pyrite and chalcopyrite. 0.5 cm crustiform pink/white chalcedony crosscuts smoky quartz vein.	
						Cp	5		
Vn	180.54	180.56	55.00		1	Py	80	Smokey quartz vein hosting blebby to semi massive pyrite.	
Vt	183.50	189.00	65.00		20			White, milky chalcedony veinlets, unmineralized.	
Vn	189.37	189.46	85.00		1			Smoky quartz rich, brecciated vein with clasts of pyrite mineralization. Some white, milky chalcedony.	
Ft	197.56	197.57	65.00		1			Dark grey fault gouge.	
Vn	204.00	205.00	50.00		4	Py	5	Four smoky quartz veins hosting blebby pyrite.	
Vn	206.25	209.00	45.00		6	Py	10	White, translucent quartz vein hosting blebby pyrite and honey brown sphalerite.	
						Sph	2		
Vn	212.00	212.48	80.00		2	Cp	10	White/pink crustiform chalcedony vein hosting blebs of chalcopyrite and pyrite.	
						Py	2		
Vn	217.60	217.63	80.00		1	Py	1	Complex vein. Pink grey translucent quartz crosscut by off white crustiform chalcedony vein. Minor blebs of pyrite.	
Dk	222.20	222.31	75.00		1	Py	5	Breccia dyke, blebs of pyrite. Subangular clasts of country rock and quartz feldspar porphyry dyke.	
Dk	223.15	223.29	75.00		1	Py	5	Breccia dyke, blebs of pyrite. Subangular clasts of country rock and quartz feldspar porphyry dyke.	
Dk	225.89	225.96	80.00					Breccia dyke.	
Vn	226.30	226.32	80.00			Sph	5	Smokey quartz vein at contact hosting blebby sphalerite, galena and pyrite.	
						Gn	2		
						Py	10		
								EOH	

PROPERTY NAME

Hole: KL-12-134 **Date: September 11, 2012**

From (m)	Volume Initial (mL)	Volume Final (mL)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
28	1480	1685	532.6	329.8	x	FG	PRO	2I			2.598049	2.626233	Propylitic altered country rock
26.52	1480	1735	670.7	420.4	x	FG	OXI	2I			2.630196	2.679584	Weak phyllic altered country rock with pervasive oxidation
43.6	1480	1692	880.9	571.3	x	FG	PRO	2I	Py	3	4.155189	2.845284	Three pyrite stringers in propylitic altered country rock
61.4	1480	1700	586.1	371.6	x	FG	PRO	2I	Py	<1	2.664091	2.732401	Netted, white, milky Qz veinlets in weak propylitic altered country rock
81.42	1480	1770	774.6	489.5	x	PO	ARG	2I	Py	1	2.671034	2.716941	Porphyritic altered country rock
98.9	1470	1665	530.5	332.3	x	FG	PRO	2I			2.720513	2.676589	Weak propylitic altered country rock
115	1470	1805	903.1	568.4	x		PHC	3I	Py	2	2.695821	2.698237	Moderate phyllic altered country rock with massive pink/grey, translucent Qz
124.5	1470	1705	719.2	480.3	x		PHC	3I	Py	15	3.060426	3.010465	Grey, translucent Qz vein with blebby Py and Gn
									Gn	1			
130.9	1470	1620	428.2	275.6	x		PHC	3i	Py	2	2.854667	2.806029	Vuggy, white, milky Qz vein with bands of grey, translucent Qz hosting blebby Py
155.15	1450	1640	515.8	324.6	FEL	PO	ARG	3I			2.714737	2.697699	Argillic altered FEL PO dyke
176.6	1450	1635	502.6	316.2	x		ARG	3I			2.716757	2.696352	
179.5	1450	1720	897.5	607.4	x		PHC	4i	Py	20	3.324074	3.093761	Phyllic altered country rock with a smoky Qz vein hosting semi-massive Py
198.1	1450	1645	542.7	342.6	x		ARG	3I			2.783077	2.712144	
216.5	1445	1620	457.3	287	x		PRO	2I			2.613143	2.685261	Weak propylitic altered country rock
225.35	1445	1730	761	479.3	FEL		ARG	3I			2.670175	2.701455	FEL PO dyke
233.1	1445	1680	614.6	383.9	MAF		PRO	3I			2.615319	2.664066	Magnetic MAF PO dyke

PROPERTY NAME

Hole: KL-12-134 **Date: September 11, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
12.19	14.33	2.14	1.30	60.7	M354550	134-1				
14.33	17.37	3.04	2.64	86.8	M354551	134-1				
17.37	20.15	2.78	2.50	89.9	M354552	134-1				
20.15	21.25	1.10	1.05	95.5	M354553	134-1				
					M354554	134-1				KL-STD-01
21.25	23.47	2.22	1.80	81.1	M354555	134-1				
23.47	26.52	3.05	2.88	94.4	M354556	134-1				
26.52	29.57	3.05	2.80	91.8	M354557	134-1				
29.57	32.61	3.04	2.60	85.5	M354558	134-1				
32.61	33.95	1.34	1.30	97	M354559	134-1				
					M354560	134-1				BLANK
33.95	36.95	3.00	2.40	80	M354561	134-1				
36.95	39.95	3.00	2.90	96.7	M354562	134-1				
39.95	40.95	1.00	0.97	97	M354563	134-1				
40.95	42.60	1.65	1.65	100	M354564	134-1				
					M354565	134-1				1/4 DUPLICATE
42.60	43.60	1.00	0.99	99	M354566	134-1				
43.60	45.00	1.40	1.37	97.9	M354567	134-1				
45.00	46.50	1.50	1.30	86.7	M354568	134-1				
46.50	47.85	1.35	1.20	88.9	M354569	134-1				
47.85	50.90	3.05	2.81	92.1	M354570	134-1				
					M354571	134-1				KL-STD-01
50.90	53.95	3.05	2.83	92.8	M354572	134-1				
53.95	57.00	3.05	3.00	98.4	M354573	134-1				
57.00	60.05	3.05	3.00	98.4	M354574	134-1				
60.05	62.10	2.05	2.03	99	M354575	134-1				
62.10	64.40	2.30	1.40	60.9	M354576	134-1				poor recovery
					M354577	134-1				BLANK

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
64.40	65.60	1.20	1.20	100	M354578	134-1				
65.60	66.90	1.30	1.30	100	M354579	134-1				
66.90	69.19	2.29	2.26	98.7	M354580	134-1				
69.19	72.24	3.05	3.05	100	M354581	134-1				
					M354582	134-1				COARSE REJECT DUPLICATE
72.24	75.29	3.05	2.90	95.1	M354583	134-1				
75.29	78.33	3.04	3.05	100	M354584	134-1				
78.33	81.38	3.05	2.82	92.5	M354585	134-1				
81.38	84.43	3.05	3.05	100	M354586	134-2				
84.43	87.48	3.05	2.85	93.4	M354587	134-2				
87.48	90.53	3.05	2.98	97.7	M354588	134-2				
					M354589	134-2				KL-STD-01
90.53	93.57	3.04	3.05	100	M354590	134-2				
93.57	96.62	3.05	3.02	99	M354591	134-2				
96.62	99.67	3.05	2.80	91.8	M354592	134-2				
99.67	101.80	2.13	2.13	100	M354593	134-2				
101.80	102.80	1.00	0.98	98	M354594	134-2				
					M354595	134-2				BLANK
102.80	104.35	1.55	1.50	96.8	M354596	134-2				
104.35	105.60	1.25	1.16	92.8	M354597	134-2				
105.60	107.10	1.50	1.50	100	M354598	134-2				
107.10	108.81	1.71	1.71	100	M354599	134-2				
					M354600	134-2				1/4 DUPLICATE
108.81	110.60	1.79	1.78	99.4	M354601	134-2				
110.60	112.80	2.20	2.20	100	M354602	134-2				
112.80	114.91	2.11	2.11	100	M354603	134-2				
114.91	116.35	1.44	1.44	100	M354604	134-2				
					M354605	134-2				BLANK
116.35	117.96	1.61	1.50	93.2	M354606	134-2				
117.96	121.00	3.04	3.02	99.3	M354607	134-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
121.00	123.55	2.55	2.45	96.1	M354608	134-2				
123.55	124.55	1.00	0.99	99	M354609	134-2				
124.55	127.10	2.55	2.55	100	M354610	134-2				
					M354611	134-2				KL-STD-01
127.10	130.07	2.97	2.93	98.7	M354612	134-2				
130.07	131.41	1.34	1.34	100	M354613	134-2				
131.41	134.30	2.89	2.89	100	M354614	134-2				
134.30	137.30	3.00	2.95	98.3	M354615	134-2				
137.30	140.30	3.00	3.00	100	M354616	134-2				
					M354617	134-2				COARSE REJECT DUPLICATE
140.30	142.34	2.04	2.04	100	M354618	134-2				
142.34	145.39	3.05	3.05	100	M354619	134-2				
145.39	146.39	1.00	1.00	100	M354620	134-2				
146.39	148.44	2.05	2.05	100	M354621	134-2				
148.44	151.49	3.05	3.00	98.4	M354622	134-3				
151.49	153.00	1.51	1.51	100	M354623	134-3				
					M354624	134-3				1/4 DUPLICATE
153.00	155.40	2.40	2.25	93.7	M354625	134-3				
155.40	156.50	1.10	1.08	98.2	M354626	134-3				
					M354627	134-3				BLANK
156.50	159.00	2.50	2.40	96	M354628	134-3				
159.00	160.63	1.63	1.60	98.2	M354629	134-3				
160.63	163.68	3.05	2.74	89.8	M354630	134-3				
163.68	166.73	3.05	2.75	90.2	M354631	134-3				
166.73	169.77	3.04	3.05	100	M354632	134-3				
					M354633	134-3				KL-STD-01
169.77	172.82	3.05	3.05	100	M354634	134-3				
172.82	175.87	3.05	2.90	95.1	M354635	134-3				
175.87	178.92	3.05	3.00	98.4	M354636	134-3				
178.92	180.60	1.68	1.68	100	M354637	134-3				
180.60	183.50	2.90	2.80	96.6	M354638	134-3				
183.50	185.01	1.51	1.47	97.4	M354639	134-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M354640	134-3				BLANK
185.01	188.05	3.04	3.00	98.7	M354641	134-3				
188.05	191.10	3.05	3.05	100	M354642	134-3				
191.10	194.16	3.06	3.05	99.7	M354643	134-3				
194.16	197.21	3.05	2.60	85.2	M354644	134-3				
					M354645	134-3				COARSE REJECT DUPLICATE
197.21	200.25	3.04	2.72	89.5	M354646	134-3				
200.25	203.30	3.05	3.05	100	M354647	134-3				
203.30	206.22	2.92	2.91	99.7	M354648	134-3				
206.22	207.30	1.08	1.02	94.4	M354649	134-3				
207.30	208.94	1.64	1.64	100	M354650	134-3				
					M354651	134-3				KL-STD-01
208.94	211.83	2.89	2.89	100	M354652	134-3				
211.83	213.83	2.00	1.98	99	M354653	134-3				
213.83	215.95	2.12	2.12	100	M354654	134-3				
215.95	218.76	2.81	2.81	100	M354655	134-3				
218.76	221.76	3.00	2.93	97.7	M354656	134-3				
221.76	222.80	1.04	1.04	100	M354657	134-3				
222.80	225.20	2.40	2.40	100	M354658	134-4				
225.20	226.20	1.00	1.00	100	M354659	134-4				
226.20	227.20	1.00	1.00	100	M354660	134-4				
					M354661	134-4				BLANK
227.20	228.85	1.65	1.65	100	M354662	134-4				
228.85	230.60	1.75	1.75	100	M354663	134-4				
230.60	233.78	3.18	3.15	99.1	M354664	134-4				EOH 233.78 m

PROPERTY NAME

Hole: KL-12-134 **Tech Name:** **Date: September 11, 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
1.00	1.22	0.22	0.13	59	0.00	0		1	0	4	
1.22	2.74	1.52	0.30	20	0.00	0		1	0	4	
2.74	4.27	1.53	0.36	24	0.00	0		1	0	4	
4.27	5.18	0.91	0.50	55	0.00	0		1	0	4	
5.18	6.17	0.99	0.29	29	0.00	0		1	0	4	
6.17	8.84	2.67	0.50	19	0.00	0		1	0	4	
8.84	12.19	3.35	0.26	8	0.00	0		1	0	4	
12.19	14.33	2.14	0.70	33	0.12	6		1	1	4	
14.33	17.33	3.00	2.81	94	0.23	8		2	2	3	
17.33	20.42	3.09	2.62	85	0.80	26		2	3	2	
20.42	23.47	3.05	2.58	85	0.22	7		2	3	2	
23.47	26.52	3.05	2.75	90	0.67	22		2	2	2	
26.52	29.57	3.05	2.86	94	0.47	15		2	3	2	
29.57	32.61	3.04	2.70	89	0.60	20		2	3	2	
32.61	35.66	3.05	2.80	92	0.80	26		2	1	2	
35.66	38.71	3.05	2.91	95	0.45	15		2	2	2	
38.71	41.76	3.05	2.95	97	1.40	46		2	0	2	
41.76	44.81	3.05	2.95	97	1.25	41		2	0	2	
44.81	47.85	3.04	2.70	89	1.16	38		2	0	2	
47.85	50.90	3.05	2.77	91	1.00	33		2	1	2	
50.90	53.95	3.05	2.34	77	0.62	20		2	3	2	
53.95	57.00	3.05	2.90	95	0.00	0		2	2	2	
57.00	60.05	3.05	2.90	95	0.00	0		2	3	2	
60.05	63.09	3.04	2.90	95	0.89	29		2	0	2	
63.09	66.14	3.05	2.00	66	0.81	27		2	0	2	
66.14	69.19	3.05	2.95	97	1.65	54		2	0	2	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
69.19	72.24	3.05	3.04	100	2.60	85		2	3	1	
72.24	75.29	3.05	2.90	95	2.50	82		2	2	1	
75.29	78.34	3.05	2.87	94	1.65	54		2	2	2	
78.34	81.38	3.04	2.50	82	2.05	67		2	3	1	
81.38	84.43	3.05	2.60	85	2.00	66		2	3	1	
84.43	87.48	3.05	2.91	95	1.75	57		2	3	2	
87.48	90.53	3.05	2.74	90	1.25	41		2	2	2	
90.53	93.58	3.05	3.00	98	2.70	89		2	3	2	
93.58	96.62	3.04	2.90	95	2.60	86		2	2	2	
96.62	99.67	3.05	2.80	92	1.17	38		2	3	2	
99.67	102.72	3.05	3.02	99	1.95	64		2	1	2	
102.72	105.77	3.05	3.00	98	1.70	56		2	2	2	
105.77	108.82	3.05	3.05	100	2.12	70		2	3	1	
108.82	111.86	3.04	2.95	97	1.90	62		2	3	1	
111.86	114.91	3.05	3.00	98	2.75	90		2	3	1	
114.91	117.96	3.05	2.84	93	2.10	69		2	3	1	
117.96	121.00	3.04	2.45	81	2.00	66		2	3	1	
121.00	124.05	3.05	2.95	97	1.20	39		2	2	2	
124.05	127.10	3.05	3.00	98	1.80	59		2	2	2	
127.10	130.15	3.05	3.04	100	2.65	87		2	3	2	
130.15	133.20	3.05	3.05	100	2.03	67		2	2	2	
133.20	136.25	3.05	3.02	99	1.74	57		2	3	2	
136.25	139.30	3.05	2.97	97	2.46	81		2	3	2	
139.30	142.34	3.04	2.60	86	1.50	49		2	3	1	
142.34	145.39	3.05	1.95	64	0.76	25		2	2	1	
145.39	148.44	3.05	3.05	100	1.67	55		2	2	1	
148.44	151.49	3.05	2.85	93	0.00	0		1	2	3	
151.49	154.53	3.04	2.92	96	1.48	49		2	3	2	
154.53	157.58	3.05	2.94	96	2.32	76		2	1	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
157.58	160.63	3.05	2.85	93	0.90	30		2	2	1	
160.63	163.68	3.05	2.79	91	1.60	52		2	2	1	
163.68	166.73	3.05	2.78	91	1.57	51		2	2	1	
166.73	169.77	3.04	2.95	97	1.88	62		2	3	1	
169.77	172.82	3.05	3.00	98	1.70	56		2	3	1	
172.82	175.87	3.05	3.00	98	1.75	57		2	3	1	
175.87	178.92	3.05	2.70	89	2.00	66		2	2	1	
178.92	181.97	3.05	3.00	98	2.60	85		2	3	1	
181.97	185.01	3.04	2.95	97	2.40	79		2	3	1	
185.01	188.05	3.04	2.90	95	2.60	86		2	3	1	
188.05	191.10	3.05	2.93	96	2.30	75		2	3	1	
191.10	194.16	3.06	2.88	94	1.20	39		2	3	1	
194.16	197.21	3.05	3.00	98	1.45	48		2	1	1	
197.21	200.25	3.04	3.00	99	2.60	86		2	0	1	
200.25	203.30	3.05	2.80	92	2.65	87		2	1	1	
203.30	206.35	3.05	2.91	95	2.54	83		2	3	1	
206.35	209.40	3.05	2.95	97	2.55	84		2	2	1	
209.40	212.45	3.05	3.00	98	2.50	82		2	3	1	
212.45	215.49	3.04	2.92	96	2.46	81		2	3	1	
215.49	218.54	3.05	2.60	85	1.74	57		2	3	1	
218.54	221.59	3.05	2.80	92	2.23	73		2	3	1	
221.59	224.64	3.05	3.05	100	2.64	87		2	3	1	
224.64	227.69	3.05	3.00	98	2.60	85		2	1	1	
227.69	230.73	3.04	2.91	96	2.30	76		2	3	1	
230.73	233.78	3.05	2.55	84	1.90	62		2	3	1	
	EOH @ 233.78m										

PROPERTY NAME

Hole: KL-12-134 **Tech Name:** **Date:** Se **Page** of

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
1.00	1.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	
1.22	2.74	1.52	0.00	0.00	0.00	0.00	0.00	0.00	
2.74	4.27	1.53	0.00	0.00	0.00	0.00	0.00	0.00	
4.27	5.18	0.91	0.00	0.00	0.00	0.00	0.00	0.00	
5.18	6.17	0.99	0.00	0.00	0.00	0.00	0.00	0.00	
6.17	8.84	2.67	0.00	0.00	0.00	0.00	0.00	0.00	
8.84	12.19	3.35	0.00	0.00	0.00	0.00	0.00	0.00	
12.19	14.33	2.14	0.00	0.00	0.00	0.00	0.00	0.00	
14.33	17.38	3.05	60.00	0.12	0.00	1.00	2.00	2.00	
17.38	20.42	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
20.42	23.47	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
23.47	26.52	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
26.52	29.57	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
29.57	32.61	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
32.61	35.66	3.05	60.00	0.23	20.00	1.00	1.00	2.00	
35.66	38.71	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
38.71	41.76	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
41.76	44.81	3.05	60.00	0.10	0.00	2.00	2.00	2.00	
44.81	47.85	3.04	0.00	0.00	30.00	0.00	0.00	0.00	
47.85	50.90	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
50.90	53.95	3.05	55.00	0.19	0.00	2.00	2.00	2.00	
53.95	57.00	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
57.00	60.05	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
60.05	63.09	3.04	0.00	0.00	40.00	0.00	0.00	0.00	
63.09	66.14	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
66.14	69.19	3.05	55.00	0.16	60.00	2.00	2.00	2.00	
69.19	72.24	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
72.24	75.29	3.05	60.00	0.11	0.00	2.00	2.00	2.00	

PROPERTY NAME

75.29	78.33	3.04	75.00	0.45	0.00	2.00	2.00	2.00	
78.33	81.38	3.05	60.00	0.27	0.00	2.00	2.00	2.00	
81.38	84.43	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
84.43	87.48	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
87.48	90.53	3.05	60.00	0.19	4.00	2.00	2.00	2.00	
90.53	93.58	3.05	60.00	0.31	0.00	1.00	2.00	2.00	
93.58	96.62	3.04	0.00	0.00	0.00	0.00	0.00	0.00	
96.62	99.67	3.05	60.00	0.13	0.00	1.00	2.00	2.00	
99.67	102.72	3.05	60.00	0.36	40.00	2.00	2.00	2.00	
102.72	105.77	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
105.77	108.82	3.05	60.00	0.26	0.00	1.00	2.00	1.00	
108.82	111.86	3.04	55.00	0.46	0.00	1.00	2.00	1.00	
111.86	114.91	3.05	0.00	0.00	0.00	0.00	0.00	0.00	
114.91	117.96	3.05	55.00	0.29	0.00	3.00	2.00	2.00	
117.96	121.00	3.04	65.00	0.20	0.00	2.00	2.00	2.00	
121.00	124.05	3.05	60.00	0.14	0.00	2.00	2.00	2.00	
124.05	127.10	3.05	55.00	0.42	0.00	2.00	2.00	2.00	
127.10	130.15	3.05	0.00	0.00	0.00	0.00	0.00		
130.15	133.20	3.05	55.00	0.27	0.00	2.00	2.00	2.00	
133.20	136.25	3.05	0.00	0.00	5.00	0.00	0.00	0.00	
136.25	139.30	3.05	55.00	0.65	0.00	2.00	2.00	2.00	
139.30	142.34	3.04	0.00	0.00	0.00	0.00	0.00		
142.34	145.39	3.05	60.00	0.32	2.00	0.00	2.00	2.00	
145.39	148.44	3.05	65.00	0.33	0.00	2.00	2.00	2.00	
148.44	151.49	3.05	0.00	0.00	10.00	0.00	0.00	0.00	
151.49	154.53	3.04	0.00	0.00	0.00	0.00	0.00		
154.53	157.58	3.05	60.00	0.50	0.00	2.00	2.00	2.00	
157.58	160.63	3.05	60.00	0.75	0.00	2.00	2.00	1.00	
160.63	163.68	3.05	0.00	0.00	0.00	0.00	0.00	1.00	
163.68	166.73	3.05	60.00	0.29	0.00	3.00	2.00	1.00	
166.73	169.77	3.04	60.00	0.50	0.00	2.00	2.00	1.00	
169.77	172.82	3.05	60.00	0.30	0.00	2.00	2.00	1.00	
172.82	175.87	3.05	0.00	0.00	0.00	0.00	0.00		
175.87	178.92	3.05	0.00	0.00	0.00	0.00	0.00		
178.92	181.97	3.05	0.00	0.00	0.00	0.00	0.00		
181.97	185.01	3.04	60.00	0.21	0.00	2.00	2.00	1.00	
185.01	188.05	3.04	60.00	0.45	0.00	2.00	2.00	1.00	
188.05	191.10	3.05	0.00	0.00	0.00	0.00	0.00		

PROPERTY NAME

191.10	194.16	3.06	0.00	0.00	0.00	0.00	0.00		
194.16	197.21	3.05	55.00	0.12	40.00	2.00	2.00	1.00	
197.21	200.25	3.04	0.00	0.00	0.00	0.00	0.00		
200.25	203.30	3.05	0.00	0.00	0.00	0.00	0.00		
203.30	206.35	3.05	0.00	0.00	0.00	0.00	0.00		
206.35	209.40	3.05	0.00	0.00	0.00	0.00	0.00		
209.40	212.45	3.05	60.00	0.60	0.00	2.00	2.00	1.00	
212.45	215.49	3.04	60.00	0.30	20.00	2.00	2.00	1.00	
215.49	218.54	3.05	60.00	0.58	0.00	1.00	2.00	1.00	
218.54	221.59	3.05	75.00	0.44	0.00	1.00	2.00	1.00	
221.59	224.64	3.05	60.00	0.15	0.00	1.00	2.00	1.00	
224.64	227.69	3.05	75.00	0.30	0.00	1.00	2.00	1.00	
227.69	230.73	3.04	60.00	0.20	0.00	1.00	2.00	1.00	
230.73	233.78	3.05	60.00	0.22	0.00	1.00	2.00	1.00	
	EOH @ 233.78m								

PROPERTY NAME

Hole: KL-12-134 **Date: September 11, 2012**

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00	0.20	
3.00	0.45	
4.00	1.04	
5.00	0.42	
6.00	0.32	
7.00	0.52	
8.00	0.80	
9.00	0.38	
10.00	0.41	
11.00		not enough recovery
12.00		not enough recovery
13.00	1.23	
14.00	24.10	
15.00	33.50	
16.00	3.71	
17.00	3.21	
18.00	13.20	
19.00	1.90	
20.00	1.48	
21.00	1.20	
22.00	1.30	
23.00	6.82	
24.00	27.90	
25.00	0.16	
26.00	0.38	
27.00	0.40	
28.00	38.10	
29.00	30.10	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	1.95	
31.00	1.11	
32.00	26.60	
33.00	0.78	
34.00	0.41	
35.00	0.62	
36.00	6.24	
37.00	0.53	
38.00	0.21	
39.00	0.30	
40.00	0.21	
41.00	0.51	
42.00	0.47	
43.00	0.34	
44.00	0.62	
45.00	0.33	
46.00	0.66	
47.00	0.51	
48.00	0.62	
49.00	0.81	
50.00	0.14	
51.00	19.40	
52.00	35.80	
53.00	5.89	
54.00	10.20	
55.00	14.30	
56.00	10.90	
57.00	3.22	
58.00	13.90	
59.00	14.80	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	6.49	
61.00	6.01	
62.00	5.01	
63.00	0.31	
64.00	0.21	
65.00	0.31	
66.00	13.50	
67.00	11.00	
68.00	4.01	
69.00	1.02	
70.00	20.02	
71.00	0.45	
72.00	0.71	
73.00	0.62	
74.00	19.10	
75.00	19.01	
76.00	18.60	
77.00	0.61	
78.00	0.62	
79.00	0.81	
80.00	0.62	
81.00	0.31	
82.00	0.51	
83.00	0.45	
84.00	0.10	
85.00	0.09	
86.00	0.16	
87.00	0.09	
88.00	0.54	
89.00	0.31	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	0.40	
91.00	0.18	
92.00	0.53	
93.00	0.10	
94.00	0.31	
95.00	13.40	
96.00	11.20	
97.00	0.16	
98.00	2.48	
99.00	0.89	
100.00	1.00	
101.00	1.13	
102.00	0.18	
103.00	3.16	
104.00	0.43	
105.00	0.23	
106.00	0.05	
107.00	0.10	
108.00	0.03	
109.00	0.07	
110.00	0.49	
111.00	0.01	
112.00	0.01	
113.00	0.05	
114.00	0.05	
115.00	0.03	
116.00	0.06	
117.00	0.65	
118.00	0.09	
119.00	0.14	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	0.12	
121.00	0.18	
122.00	0.82	
123.00	0.03	
124.00	0.91	
125.00	0.16	
126.00	0.05	
127.00	0.01	
128.00	0.05	
129.00	0.01	
130.00	0.05	
131.00	0.29	
132.00	0.09	
133.00	0.12	
134.00	1.09	
135.00	0.23	
136.00	0.14	
137.00	0.10	
138.00	0.32	
139.00	0.12	
140.00	0.12	
141.00	0.23	
142.00	0.29	
143.00	0.16	
144.00	0.09	
145.00	0.18	
146.00	0.87	
147.00	0.32	
148.00	0.67	
149.00	0.09	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00	0.16	
151.00	0.36	
152.00	0.14	
153.00	0.47	
154.00	0.23	
155.00	0.25	
156.00	0.47	
157.00	0.64	
158.00	0.10	
159.00	0.09	
160.00	0.10	
161.00	0.91	
162.00	0.32	
163.00	0.14	
164.00	0.23	
165.00	0.09	
166.00	0.20	
167.00	0.18	
168.00	0.71	
169.00	0.62	
170.00	0.21	
171.00	0.20	
172.00	0.45	
173.00	2.06	
174.00	0.32	
175.00	0.09	
176.00	0.27	
177.00	0.14	
178.00	0.36	
179.00	0.33	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	0.32	
181.00	0.65	
182.00	0.16	
183.00	0.20	
184.00	0.18	
185.00	0.49	
186.00	4.24	
187.00	0.29	
188.00	0.42	
189.00	0.23	
190.00	0.78	
191.00	0.05	
192.00	0.47	
193.00	0.16	
194.00	0.38	
195.00	0.75	
196.00	0.07	
197.00	0.10	
198.00	0.14	
199.00	0.14	
200.00	0.58	
201.00	0.49	
202.00	5.89	
203.00	13.10	
204.00	5.89	
205.00	5.23	
206.00	9.22	
207.00	0.18	
208.00	3.36	
209.00	1.40	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	1.29	
211.00	10.20	
212.00	0.64	
213.00	1.09	
214.00	1.09	
215.00	1.33	
216.00	0.75	
217.00	0.05	
218.00	0.75	
219.00	25.60	
220.00	2.28	
221.00	11.50	
222.00	2.10	
223.00	21.60	
224.00	4.37	
225.00	0.42	
226.00	0.58	
227.00	12.80	
228.00	4.72	
229.00	6.69	
230.00	1.39	
231.00	2.90	
232.00	0.40	
233.00	0.23	
		EOH @ 233.78m

PROPERTY NAME

Hole: **KL-12-134** **Date: September 11, 2012**

Box #	From (m)	To (m)
1	1.00	11.90
2	11.90	17.16
3	17.16	22.01
4	22.01	27.11
5	27.11	32.73
6	32.73	36.65
7	36.65	41.76
8	41.76	47.98
9	47.98	52.30
10	52.30	27.20
11	27.20	62.10
12	62.10	68.29
13	68.29	73.52
14	73.52	78.55
15	78.55	83.64
16	83.64	88.52
17	88.52	93.91
18	93.91	99.05
19	99.05	104.02
20	104.02	109.32
21	109.32	114.75
22	114.75	120.13
23	120.13	125.12
24	125.12	130.41
25	130.41	136.09
26	136.09	141.70
27	141.70	147.00
28	147.00	152.20
29	152.20	157.52

PROPERTY NAME

30	157.52	163.53
31	163.53	167.89
32	167.89	173.33
33	173.33	178.97
34	178.97	184.53
35	184.53	189.68
36	189.68	194.67
37	194.67	199.90
38	199.90	205.80
39	205.80	210.48
40	210.48	215.95
41	215.95	221.35
42	221.35	226.63
43	226.63	223.76
44	223.76	236.78
	EOH @ 236.78m	

PROPERTY NAME

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
			381821.94	6889657.8	1311.471	497.74

ZONE: BRX

SECTION: BRX 9+700

HOLE: DDH-KL-12-135

CLAIM:

Contractor: Swiftsure

Drill: A5

Core size: HQ/NQ2 Reduced at: 233.78 (m)

Casing depth: (m) in / **out**

Drilling dates: Sept 9th - 30th

Geology logged by: N. Bueckert

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
70.71	40.2	-51.1	Ranger	436.4736	52.4	-47.7	Ranger
223.1136	43.9	-51.6	Ranger	466.9536	55.4	-47.1	Ranger
253.5936	45.4	-51.2	Ranger	497.4336	56.7	-46.9	Ranger
345.0336	48.3	-49.8	Ranger				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
3.05	48.13	45.08	GRD	Oxidized, rubbled sandy material. Granodiorite
				fragments throughout. OVB?
48.13	431.67	383.54	GRD	Patchy phyllic, argillic and propylitic altered granodior
431.67	436.10	4.43	VEN	Massive galena, arsenopyrite, pyrite and sphalerite
				vein in an intense phyllic altered granodiorite. Very
				strong quartz vein.
436.10	443.66	7.56	FEL	Quartz feldspar porphyry dyke with mineralized
				selvages.
443.66	497.74	54.08	GRD	Propylitic and phyllic altered granodiorite grading to
				unaltered granodiorite downhole.
				EOH @ 497.74 m.

SAMPLES

Numbers: M356814 - M357000, N812737 - N812791

Total: 243

Batch: 135-1 - 135-7

Date Sent:

Certificate:

COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-135 **Logger Name:** N. Bueckert **Date:**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
3.05	48.13	45.08				mKgW	GRD	MG	LT	YL	PA	5.00									Core has intense pervasive oxidation throughout; core is rubble. Bright yellow, orange & red colouration throughout, black stained fractures common. Oxidation obscures textures, host rock unknown but likely granodiorite. Patchy argillic throughout. Phyllic alteration dominant.
									DK	RD	BK										
48.13	60.88	12.75				mKgW	GRD	MG	LT	OR	PA	4.00		ARG	3.00						Core moderately fractured, generally competent. Strong pervasive oxidation throughout. Texture/alteration generally obscured. Patchy argillic alteration identifiable: Gougy breccia zone and goethite altered veins present.
									LT	RD											
60.88	65.59	4.71				mKgW	GRD	MG	LT	GY	PA	4.00		PRO	1.00						Weak propylitic alteration; patchy moderate-strong pervasive alteration. Patchy argillic alteration.
														ARG	3.00						
65.59	92.24	26.65				mKgW	GRD	MG	LT	GY	MA	1.00		PRO	1.00						Weak propylitic alteration with patchy phyllic alteration associated with local increases in quartz veining. Xenoliths (black) present (8-20 cm) infrequently. Fractures oxidized until 72 m.
									LT	GN	PK			PHI	3.00						
92.24	92.80	0.56					MAF		LT	BN	PO										Porphyritic mafic dyke; patchy dark grey-light green crystalline matrix with plagioclase phenocrysts and irregular clasts (10 cm). Phyllic altered granodiorite.
									DK	GY											
92.80	95.44	2.64				mKgW	GRD	MG	LT	GY	MA	1.00		PRO	1.00						Weak propylitic alteration with patchy phyllic alteration associated with local increases in quartz veining. Xenoliths (black) present (8-20 cm) infrequently. Fractures oxidized until 72 m.
									LT	GN	PK			PHI	3.00						
95.44	102.00	6.56				mKgW	GRD	MG	LT	GN	PA			PHI	3.00						Phyllic alteration, patchy light to dark green. Frequent quartz veinging. Mottled porphyryitic texture for 20 cm at top of interval
102.00	106.55	4.55				mKgW	GRD	MG	LT	GY	MA			PRO	1.00						Propylitic altered granodiorite.
									LT	GN	PK										
106.55	112.85	6.30				mKgW	GRD	MG	LT	GN	MA			PHI	3.00						Phyllic alteration associated with quartz/pyrite veining. Alteration strength decreases downhole.
112.85	125.70	12.85				mKgW	GRD	MG	DK	GN	PA			ARG	3.00						Propylitic alteration, infrequent quartz veining with weak phyllic envelope (30-50 cm).
														PRO	2.00						
125.70	129.90	4.20				mKgW	GRD	MG	LT	GN	PA			PHI	3.00						Phyllic alteration with crumbly zones (80 cm) of argillic/propylitic alteration.
									DK	GN				PRO	2.00						
														ARG	3.00						
129.90	142.15	12.25				mKgW	GRD	MG	LT	GN				PRO	2.00						Argillic alteration with mottled green colour from phyllic? Overprinting? Meter scale zones of weak propylitic alteration. Core locally crumbled and rubbly. (zones of strong argillic alteration) 60 cm zone of silicification associated with quartz veining.
										WH				ARG	3.00						
														PHI	2.00						
142.15	165.38	23.23				mKgW	GRD	MG	LT	GY											Trace propylitic alteration with phyllic envelopes around quartz veinlets.
									MD	GN											
165.38	177.55	12.17				mKgW	GRD	MG	LT	GN	PA			PHI	2.00						Patchy argillic>propylitic>phyllic alteration in vein zone. Argillic overprinted zones (1 m) Propylitic patches 20-60 cm. phyllic envelopes associated with quartz veining.

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS					DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)	Photo	
									DK	GN	WH			ARG	3.00						
														PRO	2.00						
177.55	207.54	29.99				mKgW	GRD	MG	LT	PK	MA			PRO	1.00						Trace propylitic alteration with infrequent quartz veining and phyllic envelopes (10-40 cm).
										WH				PHI	2.00						
207.54	209.25	1.71				mKgW	GRD	MG	LT	GN	PA			PRO	3.00						Patchy phyllic (51 %) Argillic (49 %) overprinting. Mottled light to dark green colour. Moderate propylitic base alteration.
										WH				ARG	3.00						
														PHI	2.00						
209.25	227.13	17.88				mKgW	GRD	MG	LT	PK	MA			PRO	1.00						Trace propylitic alteration with infrequent quartz veining and phillic envelopes.
										WH											
227.13	235.52	8.39				mKgW	GRD	MG	LT	GN	WH			PRO	2.00						Patchy, dominantly phyllic overprint on propylitic/argillic commonly associated with phyllic alteration.
									DK	GN	PA			PHI	2.00						
														ARG	2.00						
235.52	245.00	9.48				mKgW	GRD	MG	DK	GN	MA			PRO	2.00						General increasing in propylitic alteration strength. Minor phyllic alteration envelopes associated with infrequent veining.
245.00	249.50	4.50				mKgW	GRD	MG	LT	GN	PA			PHI	2.00						Phyllic alteration, minor patchy argillic (2-20 cm) in vein zones.
249.50	303.30	53.80				mKgW	GRD	MG	MD	GN	PA			PRO	2.00						Silicious propylitic alteration with patchy phyllic alteration envelopes in vein zones (15-80 cm).
										PA	MA			PHI	2.00						
303.30	315.71	12.41				mKgW	GRD	MG	MY	GN	PA			PRO	3.00						Zone of crumbly rubbly core. Argillic overprinting on propylitic base. Greensh white clay on fractures, hematite staining common.
														ARG	3.00						
315.71	337.85	22.14				mKgW	GRD	MG	LT	GN	MA			PRO	1.00						Trace propylitic alteration with patchy weak-moderate propylitic alteration associated with increase in silica abundance.
										WH											
337.85	339.22	1.37				mKgW	GRD	MG	LT	GN				PHI	3.00						Phyllic alteration associated with quartz veining.
339.22	344.21	4.99				mKgW	GRD	MG	MD	GN	MA			PRO	2.00						Propylitic alteration. Generally increase in alteration intensity with quartz carbonate veinlets. Gougy scars and crumbly zones common.
344.21	349.89	5.68				mKgW	GRD	MG	LT	GN	PA			PRO	3.00						Phyllic alteration overprints propylitic alteration. Phyllic patchy. Minor argillic overprint. Vein zone.
									DK	GN				PHI	3.00						
349.89	368.39	18.50				mKgW	GRD	MG	LT	PK	MA			PRO	1.00						Propylitic alteration with narrow phyllic envelopes (20 cm average). Crumbly at chlorite vein margins. Infrequent veining: general decreasing alteration.
										WH				PHI	2.00						
368.39	371.13	2.74				mKgW	GRD	MG	LT	GN	PA			PHI	3.00						Phyllic alteration with patchy argillic alteration.
										WH				ARG	3.00						
371.13	376.98	5.85				mKgW	GRD	MG	DK	GN	MA			PRO	4.00						Propylitic alteration, moderate, locally strong (epidote present) - narrow phyllic envelopes around carbonate-chlorite stringers.
														PHI	3.00						
376.98	380.82	3.84				mKgW	GRD	MG	LT	GN	MA			PHI	3.00						Patchy phyllic alteration with patchy argillic and propylitic alteration. Vein zone.
										WH				ARG	3.00						
380.82	387.02	6.20				mKgW	GRD	MG	MD	GN				PRO	2.00						Silicious propylitic alteration.
387.02	393.71	6.69				mKgW	GRD	MG	LT	GN	PA			PHI	3.00						Phyllic alteration dominent. Patchy silica flooding. Propylitic alteration and argillic alteration. Vein zone.
									DK	GN	WH		1.00	ARG	2.00						

PROPERTY NAME

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
														Other				Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite	Arsenopyrite	Type	Conc. (%)		
														PRO	3.00						
393.71	411.64	17.93				mKgW	GRD	MG	LT	GN	MA		2.00	PRO	2.00						Silicious propylitic alteration; infrequent white quartz-carbonate veinlets with phyllic altered envelopes (20-60 cm)
411.64	414.48	2.84				mKgW	GRD	MG	MD	GN	PA			PHI	3.00						Phyllic alteration with patchy argillic alteration in zones of mottled propylitic alteration.
									LT	GN	WH			PRO	3.00						
														ARG	3.00						
414.48	430.25	15.77				mKgW	GRD	MG	MD	GN				PRO	3.00						Silicious propylitic alteration with patchy, locally mottled phyllic alteration.
														SIL	2.00						
430.25	431.67	1.42				mKgW	GRD	MG	LT	GN	PA			PHI	5.00						Phyllic alteration increases from moderate to intense downhole towards strong sulphide veining; patchy, strong propylitic (10-60 cm). Entering zone.
														PRO	4.00						
431.67	436.10	4.43				mKgW	GRD	MG	LT	GN	PA			PHI	5.00	3.00					Strong phyllic alteration increasing to intense phyllic alteration downhole. Disseminated pyrite throughout.
									LT	GY											
436.10	443.66	7.56				LKqP	FEL		LT	GN	PO										Quartz-feldspar porphyry dyke. Local clasts/xenoliths (5 cm). Last 40 cm is silicious dyke (chlorite/phyllic). Quartz eyes absent.
									LT	BN											
443.66	445.03	1.37				mKgW	GRD	MG	LT	GN	PA			PHI	2						Patchy phyllic>propylitic alteration in vein zone. Phyllic envelopes (8-40 cm) overprint propylitic alteration (silicious).
									DK	GN				PRO	1						
445.03	468.75	23.72				mKgW	GRD	MG		WH	MA			PHI	3						Unaltered granodiorite with infrequent phyllic propylitic envelopes associated with infrequent quartz-carbonate and chlorite veinlets. Envelopes (3-10 cm, >45 cm). Xenoliths common (Horneblende bearing (3-10 cm)), irregular shapes.
										BK				PRO	2						
468.75	477.83	9.08				mKgW	GRD	MG	LT	PK	PA		1	PRO	2						Patchy propylitic>phyllic>argillic alteration. Phyllic envelopes (60-90 cm) associated with quartz-carbonate veining. Crumbly core associated with argillic overprint.
									LT	GN	WH			PHI	3						
														ARG	3						
477.83	481.95	4.12				mKgW	GRD	MG		WH	MA										Unaltered granodiorite with infrequent phyllic propylitic envelopes associated with infrequent quartz-carbonate and chlorite veinlets. Envelopes (3-10 cm, >45 cm). Xenoliths common (Horneblende bearing (3-10 cm)), irregular shapes.
										BK											
481.95	484.27	2.32				mKgW	GRD	MG	LT	GN	PA			PHI	3						Dominantly phyllic alteration envelopes that overprint propylitic alteration. Alteration associated with veining.
									DK	GN				PRO	1						
484.27	497.74	13.47				mKgW	GRD	MG		WH	MA										Unaltered granodiorite, minor propylitic alteration envelopes associated with infrequent-rare quartz-carbonate veinlets. Xenoliths (black and white speckled) common (5-15 cm).
										BK											
																					EOH

PROPERTY NAME

Hole: DDH-KL-12-135 Logger Name: Nick Bueckert

Depth (m)			DESCRIPTION
92.24-92.58		GRD-MAF-GRD	50 degree TCA (upper), lower contact in fractured core, no orientation observed. Contacts sharp.
436.10		GRD-FEL (QFPD)	65 degree TCA. Mineralized vein zone (GRD) to crumbly gougy zone (6 cm) (QFPD).
443.66		FEL (QFPD)-GRD	55 degree TCA. Sharp, planer contact - dyke is silicious. Mineralized black breccias for 6 cm.
			EOH

PROPERTY NAME

Hole: DDH-KL-12-135 **Logger Name:** N. Bueckert **Date:**

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
St	3.05	48.12	40-70		6/m			Fragments of competent core bear black stringers. Locally frequent.	
St	48.12	60.80	50-70		3/m			Infrequent white stringers	
Bx	57.15	57.49			1			oxidized breccia. Subangular clasts (8mm -2.5 cm) in orange-white clayey matrix (40 %). Fault zone? Black goethite staining (3cm) on downhole margin.	
Vn	58.73	59.75	70.00		4	Go		Four oriented black goethite stains = sulphide mineralized veins? Disseminated pyrite in crumbly core.	
						Py	15.00		
Vn	64.12	64.14	65.00		1	Py	5.00	Oxidized vuggy quartz vein (< 2mm; white quartz) hosting weak disseminated pyrite. Crumbly bright orange oxidized rubble.	
Vn	78.07	78.08	50.00		1			Thin banded white quartz/black sulphide vein (1 cm). No other mineralization. Moderate phyllic envelope 80 cm.	
Dk?	79.15	79.33	88.00		1			Porphyritic mafic dyke. Black matrix and plagiclase phenocrysts. Contacts sharp, no brecciation.	
Vnt	81.80	82.72	25.00		1	Py	6.00	Zone of milky white-black sulphide veinlets (<9 mm) and 36 cm zone of grey-black gougey /clay altered breccia/brecciated quartz veining. Weak blebby pyrite mineralization throughout gougey breccia zone.	
Vn	84.33	84.59	60.00					Netted vuggy, stringy, crustiform pink quartz veining (2 zones 9 cm and 10 cm wide) crosscuts and brecciates grey smokey quartz veining (4cm veins) which hosts blebby pyrite and galena (weak). Pink quartz occurs in vugs.	
Vn	89.20	89.23	65.00		4			Massive white quartz vein (1 cm) and pink carbonate/ankorite vein (1 cm) (crustform) crosscut quartz hematite veinlets (50 degree TCA).	
Dk?	92.24	92.88	50.00		1			Mafic porphyry dyke	
Vn	97.47	97.55	30.00		1	Py	5.00	Medium banded white quartz/black sulphide/creamy quartz? (hard, no fizz, crystalline). Host weak stringy pyrite/sphalerite mineralization. Two creamy quartz veinlets in footwall host trace sphalerite/galena (1%). Silica flooding below vein for 8 cm.	
						Sph	5.00		
						Gn	1.00		
Vt	98.06	99.67	70.00		9	Py	6.00	Three milky white-smokey quartz veins (< 1cm) and veinlets (<6 mm) hosting weak stringy pyrite/sphalerite mineralization.	
						Sph	5.00		
Vn	99.67	99.74	45.00		1	Py	4.00	White silicious granodiorite (phyllic altered) zone banded by white quartz/smokey quartz/creamy quartz at vein walls. Stringy sphalerite in silicious zone. Disseminated pyrite throughout, blebby sphalerite/pyrite in vein walls.	
						Sph	4.00		
Vt	99.74	102.00	50.00		7			white quartz carbonate veinlets (6 mm) (sheeted) blebby black mineral.	
Dk	103.48	103.70	70.00		1			Porphyritic mafic dyke. Black matrix and plagiclase phenocrysts. Upper contact gradational, lower contact sharp, no brecciation.	
Vt	106.55	111.70	40.00		24	Py	20.00	Frequent black sulphide veinlets and white quartz veinlets throughout. Local pyrite mineralization associated with black sulphide veinlets. One large vein.	
Vn	110.74	110.89	50.00		1	Py	10.00	Medium banded (8 mm) grey and smokey and creamy quartz and crustiform pink ankerite vein (10 cm) hosting disseminated pyrite and dark red patchy sphalerite? Grey gougey fracture 3/4 down vein.	
						Sph	10.00		
Vn	127.78	127.95	50.00		1	Py		Medium banded grey quartz/smokey quartz vein (13 cm). Bands in middle of vein are brecciated, blebby pyrite (5 mm) throughout. Vein margins are gougey (grey gouge).	
Vt	136.82	137.42			15	Py	5.00	Zone of silicification. Associated grey quartz and smokey quartz veinlets (intense). White and pink quartz form vein like structures with distinct margins. Blebby pyrite and stringy pyrite associated with grey quartz and silica flodding.	
Go	137.65	137.85	45.00		1			Light grey, gritty gouge vein (9 cm) in aphanitic dark grey dyke hanging wall. No sulphide mineralization. Brecciated granodiorite and grey quartz in gouge.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Bx	141.23	141.42	55.00		1			Brecciated white and grey quartz (clasts 1.5 cm) in crumbly core zone (20 cm). Minor gouge. No sulphide mineralization.	
Vn	147.60	147.65	85.00		1	Py	10.00	Banded smokey quartz and grey quartz vein (5 cm). White quartz-carbonate vein. Grey quartz hosts stringy and blebby pyrite (10 %) Trace disseminatred arsenopyrite.	
						As	2.00		
Vts	152.72	152.92	75.00		7	Py	30.00	White quartz and smokey quartz and grey quartz veinlets (5 mm). Smokey grey quartz veinlets host blebby pyrite (30 %), white quartz veinlets host elongate blebby sphalerite.	
						Sph	6.00		
Vts	155.00	161.55	70.00		15	Sph?	1.00	White quartz veinlets (infrequent) with stringy sphalerite at vein walls. White stringers present.	
Vn	158.35	158.53	65.00		1	Sph	20.00	Massive white/grey quartz vein (13 cm) hosting 5 bands (9 mm) of intergrown spalerite/pyrite/arsenopyrite. Bands irregular, all same orientation (65 TCA).	
						Py	15.00		
						As	4.00		
Vn	165.61	177.55	70.00		3	Py	7.00	Zone of increasing veining. White and grey quartz veinlets and veins (1.5 cm) variably host weak disseminated pyrite (7 %). White stringers common. Vein density consistent throughout interval. Trace sphalerite (3%) associated with white quartz (176.50 m) in one vein. Generally unmineralized.	
Vn	196.86	198.75	70.00		13			White quartz and smokey quartz veinlets and veins (2) (1.3 cm). White stringers present. One pink/white crustiform quartz vein (1 cm). No sulphide mineralization.	
Vn	208.14	208.20	65.00		1	Py	4.00	Pinkish white quartz with band brecciated grey and smokey quartz vein (4 cm) hosting trace disseminated pyrite (4 %)	
Vts	208.92	209.12	70.00		2	Py	8.00	Two smokey and white quartz veinlets hosting disseminated pyrite.	
Vts	209.25	227.13	70.00		5			White and smokey quartz veinlets and veins (1 cm) infrequent.	
Vn	228.02	235.08	70.00		17	Py	5.00	Vein zone. Milky white crustiform quartz-carbonate veins (9mm - 1.2 cm) thin chlorite bands common.	
Vn	239.73	239.82	60.00		5			Sheeted smokey quartz vein (1.2 cm) and 3 veinlets, one milky white quartz vein (2 cm).	
Vn	240.69	240.71	60.00		1			Smokey quartz and milky quartz vein (1 cm).	
Vn	245.00	249.58	45-90		14			Vein zone. Frequent smokey quartz veinlets (45 degrees TCA). White quartz/carbonate/chlorite veins; crustiform pink quartz veins (1.2 cm). Black sulphide stringers associated with milky quartz veins.	
Vt	253.70	261.27	70.00		10			Infrequent white quartz carbonate veinlets, local hematite stringers (sheeted) no mineralization.	
Ft	262.19	262.54	55.00		1			Cataclastic K-feldspar bearing granodiorite. Clasts 6-7 mm, subangular in gritty, gougey, phyllic altered granodiorite. Crumbly core. No sulphides present.	
Vn	266.30	266.41	70.00		1			Massive pink quartz vein (5 cm) and 2 grey quartz and tan quartz veinlets in footwall. No sulphide mineralization.	
Vn	268.04	268.09	45.00			Sph	1.00	Massive grey quartz vein (2-3 cm) and tan discontinuous quartz stringers. Trace sphalerite.	
Vn	277.01	277.54	80.00		4	Py	3.00	Four massive to crustiform carbonate and quartz veins (1.3-2 cm). Third downhole vein hosts trace pyrite (3 %), last vein is bladed carbonate.	
Vns	288.07	289.96	60.00		4	Sph	6.00	Three medium banded (6 mm) white quartz and smokey quartz veins (1-2 cm) hosting blebby sphalerite and pyrite mineralization. One/two white quartz veinlets. White quartz veinlets rare.	
						Py	6.00		
Vn	292.74	292.78	85.00		1	Py	3.00	Smokey quartz vein and stringy black sulphide. Disseminated pyrite throughout.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Bx	312.44	312.56	25.00		1			Silicified black breccia (2.5cm). Subangular granodiorite clasts (1 cm) no sulphides.	
Go	312.56	313.03	25.00					Gouge - probably strong argillic alteration. Gouge is green and white coloured.	
Go	315.54	315.72	35.00		1	He	20.00	Cataclastic, subangular granodiorite clasts in gritty, crumbly matrix. Red hematite staining. Veinlets throughout (zone 13 cm thick). Hematite veinlets in footwall. Intense propylitic alteration for 25 cm downhole.	
Vn	337.85	339.22	75.00		2	Py	10.00	Vein zone. Two medium banded creamy quartz-grey quartz veins (2.5 cm, 4 cm) (bands irregular) hosting disseminated pyrite (10 %). Remaining zone consists of creamy quartz and smokey quartz veinlets which host stringy and disseminated pyrite.	
Vt	337.85	339.22	75.00		4	Py	20.00		
Vn	344.21	349.89	70.00		2	Py	7.00	Vein zone, general increase in vein frequency. Pinkish white crustiform to mineralized carbonate-quartz and grey quartz veins (2 cm, 1 cm) and veinlets hosting blebby pyrite. Blackand white stringers common. Black sulphide stringers variably present in veinlets.	
Vt	344.21	349.89	70.00		11	Py	9.00		
Vn	351.16	351.21	70.00		1			Massive white carbonate and crustiform pink quartz vein (6 cm). No sulphide mineralization. Pink quartz occurs along vein walls (1.2 cm thick). Brecciated pink quartz hosted in carbonate. (ie. Calcite late)	
Vn	359.35	359.37	55.00		1	Py	3.00	Massive milky carbonate vein (2.5 cm) and brecciated and stringy chlorite within carbonate vein. Trace stringy pyrite occurs along upper vein wall. Veinlets (carbonate) proximal to vein.	
Vn	361.80	362.65	25.00		1			Low angle chlorite-calcite vein (2 cm).	
Vn	365.27	365.45	65.00		1	Py	8.00	Irregular banded white quartz-carbonate and smokey quartz vein (4cm) hosting stringy black sulphide and blebby disseminated pyrite. Crumbly gouge (1 cm) is 2 cm above vein in hanging wall.	
Vn	368.39	371.13	70.00		3	Py	4.00	Smokey quartz and white quartz carbonate veins (1 cm) hosting weak blebby pyrite mineralization.	
Vt	373.70	373.74	60.00		2	As	20.00	Two sheeted veinlets in larger vein hanging wall (described below). Upper veinlet; grey quartz veinlet (6 mm) hosting disseminated arsenopyrite>pyrite and blebby sphalerite. Lower veinlet; white quartz veinlet (8 mm) hosting blebby sphalerite and pyrite mineralization (% pyrite, 8 % sphalerite).	
						Py	15.00		
						Sph	20.00		
Vn	373.79	373.86	60.00		1	Py	5.00	Grey quartz vein (6 cm) with crustiform pink quartz (<1 cm) at both vein walls. Brecciated pink quartz abundant in vein. Grey quartz hosts weak disseminated pyrite.	
Vt	377.98	380.32	60.00		12			Milky white quartz-carbonate veinlet and stringers; Three sheeted mineralized milky quartz? Veins. Black sulphide and white quartz and creamy quartz veins at bottom of interval.	
Vts	387.02	393.71	70.00		15			White quartz-carbonate veinlets (13) and veins (3) (1 cm, 4 cm, 6 cm). Largest vein is massive carbonate and brecciated crustiform pink quartz. No sulphide mineralization.	
Vn	403.98	404.05	70.00					Crustiform pink quartz vein (3 cm) and veinlet (6 mm) stringy? Black sulphide? Associated with veining- maybe its own vein? Not hosted in pink quartz.	
Dk	410.15	410.40	25.00		2			Two sheeted aplite dykes.	
Vt	413.05	413.36	70.00		5	Sph	80.00	Pinkish white quartz-carbonate veinlets (1 cm) hosting blebby sphalerite (15 %) to massive sphalerite (80 %). Veinlets are crosscut by massive white quartz vein (1.5 cm).	
Vn	419.27	419.29	90.00		3			Creamy quartz veinlets hosting stringy, black sulphide and brecciated black sulphide clasts (3 mm).	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
Vn	427.22	427.24	55.00		1	Py	50.00	White quartz vein (1.8 cm) hosting blebby pyrite. Vein is crosscut by chlorite-carbonate vein (1 cm) (25 degrees TCA)	
Vt	431.67	433.66	70.00		6	Py	25.00	White/pink quartz and grey quartz veinlets and veins (1 cm) (crustiform) and associated black stringers. One massive grey quartz vein (1 cm) hosting semi massive pyrite (25 %) mineralization. One pink quartz vein is vuggy. Strong phyllic alteration. white quarzt stringers common.	
Go	433.66	433.80	85.00		1	Py	3.00	Brecciated phyllic altered granodiorite in grey gouge, disseminated pyrite throughout (2 %), trace blebby pyrite.	
Vn	433.80	435.00	65.00		14	Py	4.00	Frequent beige quartz veinlets, quartz-pyrite stringers and veinlets; Two grey quartz veins (2.5 cm) host blebby pyrite (10 %). Gouge zones commonly occur with veining. Zone is silica flooded (weak). Intense phyllic alteration.	
						Py	10.00		
Bx	435.00	435.20			1	Py	4.00	Grey quartz clasts in breccia (20 cm) in crystaline tan matrix (45 %). Quartz clasts (rounded, 1 cm) generally not mineralized. Several brecciated smokey quartz veins present which host stringy pyrite (4 %) and sphalerite (4 %). Core fractured, breccia orientation unknown.	
						Sph	4.00		
Vt	435.20	435.72			6			Quartz-pyrite veinlets (4 mm) present; core rubbly - orientation/count unknown. Strong phyllic alteration.	
Vn	435.72	436.10	55.00		1	As	35.00	Massive grey quartz vein (40 cm) hosting disseminated to massive intergrown (pyrite-60 %, arsenopyrite-35%, sphalerite-5%, copper-1%). One thick band 5 cm of massive intergrown galena-pyrite-spahalerite (35 %, 20%, 8%). White quartz bands (two 1 cm) host semimassive pyrite (60 %) and banded jamesonite (10 %) and galena (10 %) and sphalerite (10 %). The last 15 cm of the vein downhole are white grey quartz with netted white quartz (milky) stringers. Disseminated-blebby pyrite (5 %) and sphalerite (5 %) occurs through the grey quartz here.	
						Gn	35.00		
						Py	60.00		
						Jam	10.00		
						Sph	8.00		
						Cp	1.00		
Bx	443.66	433.72	55.00		1	Py	10.00	Blebby pyrite hosted in silicified black breccia (6 cm) clasts are irregular. Whispy white (milky) quartz also present. Smokey and white quartz vein crosscuts breccia (85 % TCA).	
Vts	433.72	433.92	45.00		5	Gn	1.00	Beige quartz veinlets (5 mm) host trace galena.	
Vn	461.08	461.19	60.00		1	Py	15.00	Mottled/breccia banded tan quartz in white grey quartz vein (9 cm). Blebby pyrite (15 %) and trace disseminated arsenopyrite (3 %) are associated with white quartz. Phyllic envelope 45 cm, propylitic alteration (silicious) for 40 cm downhole.	
						As	3.00		
Vt	461.60	471.02	70.00		9	Py	3.00	Infrequent quartz carbonate veining (white-tan quartz). Trace pyrite in several veinlets.	
Vn	472.69	472.73	70.00		1	Py	8.00	Banded white quartz-carbonate and tan quartz vein (4 cm). White quartz (2.5 cm) hosts blebby pyrite. Tan quartz hosts blebby sphalerite and pyrite. Elongate vug at vein wall.	
						Sph	5.00		
Vn	476.72	476.92	80.00		3	Sph	2.00	Three crustiform pink quartz and white carbonate veins (1cm, 8 cm, 1 cm) hosting stringy pyrite and disseminated sphalerite and galena.	

PROPERTY NAME

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
						Gn	1.00		
						Py	4.00		
Vt	452.10	484.05	80.00		7	Sph	3.00	Grey smokey quartz stringers/veinlets. One blebby sphalerite-galena bearing white quartz-carbonate veinlet at top of interval.	
						Gn	2.00		
Dk	489.16	489.40	25.00		1			Aplite dyke 1-2 cm thick.	
Dk	491.99	492.30	15.00		1			Aplite dyke 0.8 mm thick	
								EOH	

PROPERTY NAME

Hole: DDH-KL-12-135 **Date:**

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
48.8	1420	1900	1231.3	758.8	GRD	MA	OXI	3			2.565208	2.605926	Oxidized argillic/phyllic (moderate) altered granodiorite.
							ARG	2					
70	1500	1905	1100.5	691	GRD	MA	PRO	1			2.717284	2.687424	Weak propyllitic alteration
99.3	1500	1780	791.3	507	MAF	PO					2.826071	2.783327	Porphyritic mafic dyke (black matrix, plag, phyric)
84.5	1500	1820	919.2	533.7	GRD	VN	PHC	3	Py	8	2.8725	2.384436	Vuggy netted pink quartz and brecciated grey quartz veining (85% of core), blebby pyrite.
99.67	1500	1700	599.7	386.4	VEN	VN			Py	6	2.9985	2.811533	Beige quartz bands at silica flooding zone (9cm) margins stringy sphalerite and blebby pyrite-sphalerite.
									Sp	6			
127.8	1500	1890	1114.7	639.4	VEN				Py	4	2.858205	2.345256	Entire core grey quartz - smoky quartz vein hosting blebby pyrite.
137	1480	1800	876.6	559.5	GRD	MA	SIL	3			2.739375	2.764428	Silicified phyllic alteration (3) aboundant smoky quartz veinlets and tan quartz veinlets.
148.35	1480	1935	1216.2	713.5	GRD	MA	PRO	1			2.672967	2.419336	Trace propyllitic alteration.
158.45	1480	1700	694.3	468.4	GRD	VN			Py	15	3.155909	3.073484	Mineralized smoky white quartz vein with irregular bands of intergrown sphalerite-pyrite and arsenopyrite (vein 100% of core) - only half core, split down core axis.
									Sp	20			
									As	<5			
166.5	1480	1880	1022.6	625.8	GRD		ARG	3			2.5565	2.577117	Argillic alteration - k-spar rich
178.85	1480	1815	910.9	573.3	GRD		PRO	1			2.719104	2.698164	Trace propyllitic alteration
197.21	1480	1800	844	524.8	GRD	MO	PHC	3			2.6375	2.64411	Phyllic alteration - mottled dark and light green.
208.15	1480	1670	561.6	360.8	GRD	VN			Py	3	2.955789	2.796813	White quartz and band brecciated grey-smokey quartz vein (4cm). Trace disseminated pyrite.
227.65	1480	1785	802.6	488.9	GRD		ARG	3			2.631475	2.558495	Argillic alteration with weak phyllic overprint.
246	1460	1700	636.6	397.6	GRD		PHC	2			2.6525	2.663598	Phyllic alteration - type case

PROPERTY NAME

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
267.31	1460	1640	503.7	317.5	GRD		PRO	2			2.798333	2.705156	Propyllitic alteration - type case
288.15	1460	1655	573.2	370.9	GRD		PHC	3	Py	4	2.939487	2.833416	2 Banded quartz veins (white and grey) 2cm with blebby pyrite.
308	1440	1715	721.4	453.8	GRD		PRO	<1			2.623273	2.695815	Trace propyllitic alteration + weak potassic alteration
322.17	1440	1725	786.5	505.8	GRD		PRO	<1			2.759649	2.801924	Trace propyllitic alteration + weak potassic alteration
347	1440	1700	731.6	443.8	GRD		PHC	3			2.813846	2.542043	Phyllic alteration. Creamy white quartz veinlets throughout.
367.85	1420	1680	667.7	417.5	GRD		PRO	2			2.568077	2.668665	Siliceous propyllitic alteration - typecase
373.9	1420	1605	499.5	318.5	VEN		PHC	4	Py	5	2.7	2.759669	Crustiform pink quartz and brecciated pink quartz in grey quartz vein (2/3 of core) Strong phyllic alteration. Disseminated pyrite throughout.
391.3	1420	1725	775.2	495.6	GRD		ARG	3			2.541639	2.772532	Argillic altered granodiorite - K-spar rich.
413.35	1420	1770	946.1	636.8	GRD		PHC	3	Sp	5	2.703143	3.058843	Four quartz-calcite veinlets hosting blebby to massive sphalerite (10-80%) crosscut by white quartz vein (1cm)
435.85	1420	1595	688.7	511.4	VEN	MA			Gn	35	3.935429	3.884377	Massive grey quartz and white quartz vein (100% of core) hosting semimassive to massive intergrown galena-sphalerite-pyrite, banded jamesonite-pyrite.
									As	20			
									Py	20			
									Jam	8			
									Sph	5			
438	1420	1620	602.3	376.3	FEL	PO					3.0115	2.665044	Green-brown quartz feldspar porphyry dyke and carbonate vein.
447.14	1420	1600	515.1	323.8	GRD	MA					2.861667	2.692629	Unaltered granodiorite
461.1	1420	1615	904.2	455.6	VEN	BA	PHI	3	Py	10	4.636923	2.015604	Brecciated tan quartz in grey-white quartz vein (1/2 of core; 8 cm) hosting blebby pyrite and trace disseminated arsenopyrite.
									As	2			

PROPERTY NAME

From (m)	Volume 1	Volume 2	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
480.67	1420	1615	494.6	360	GRD	MA	PRO	1			2.53641	3.674591	Trace propylitic altered granodiorite (type case)
497.74	1420	1590	572.6	310.4	GRD	MA					3.368235	2.183829	Unaltered granodiorite
													EOH

PROPERTY NAME

Hole: DDH-KL-12-135 **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
39.79	41.76	1.97	0.92	46.7	M356814	135-1				3.05-39.79m no sample - core not competent; casing poor recovery
41.76	44.81	3.05	2.07	67.9	M356815	135-1				casing poor recovery
44.81	47.85	3.04	2.05	67.4	M356816	135-1				casing poor recovery
47.85	50.90	3.05	2.87	94.1	M356817	135-1				casing poor recovery
					M356818	135-1				STANDARD KLAZA 1
50.90	53.95	3.05	2.89	94.8	M356819	135-1				core rubbley - poor recovery
53.95	57.00	3.05	3.05	100	M356820	135-1				core rubbley - poor recovery
57.00	58.42	1.42	1.42	100	M356821	135-1				core rubbley - poor recovery
58.42	59.96	1.54	1.43	92.9	M356822	135-1				core rubbley - poor recovery
					M356823	135-1				BLANK
59.96	61.22	1.26	1.11	88.1	M356824	135-1				
61.22	62.85	1.63	1.63	100	M356825	135-1				
62.85	64.02	1.17	1.17	100	M356826	135-1				
64.02	65.02	1.00	0.90	90	M356827	135-1				
65.02	66.14	1.12	1.10	98.2	M356828	135-1				
66.14	69.19	3.05	3.05	100	M356829	135-1				
					M356830	135-1				COARSE REJECT DUPLICATE
69.19	72.24	3.05	2.98	97.7	M356831	135-1				
72.24	75.29	3.05	2.99	98	M356832	135-1				
75.29	77.99	2.70	2.70	100	M356833	135-1				
77.99	78.99	1.00	1.00	100	M356834	135-1				
					M356835	135-1				STANDARD KLAZA 1
78.99	81.93	2.94	2.85	96.9	M356836	135-1				
81.93	83.07	1.14	1.05	92.1	M356837	135-1				
					M356838	135-1				BLANK
83.07	84.07	1.00	1.00	100	M356839	135-1				
84.07	85.07	1.00	1.00	100	M356840	135-1				
85.07	87.48	2.41	2.41	100	M356841	135-1				
87.48	88.69	1.21	2.20	182	M356842	135-1				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
88.69	89.76	1.07	2.24	209	M356843	135-1				
					M356844	135-1				1/4 DUPLICATE
89.76	92.00	2.24	2.23	99.6	M356845	135-1				
92.00	93.00	1.00	0.95	95	M356846	135-1				
93.00	96.06	3.06	3.03	99	M356847	135-1				
96.06	97.39	1.33	1.31	98.5	M356848	135-1				
97.39	98.39	1.00	1.00	100	M356849	135-1				
98.39	99.80	1.41	1.40	99.3	M356850	135-2				
99.80	102.72	2.92	2.89	99	M356851	135-2				
102.72	105.15	2.43	2.43	100	M356852	135-2				
105.15	106.74	1.59	1.58	99.4	M356853	135-2				
106.74	107.74	1.00	1.00	100	M356854	135-2				
					M356855	135-2				STANDARD KLAZA 1
107.74	109.56	1.82	1.82	100	M356856	135-2				
109.56	110.56	1.00	1.00	100	M356857	135-2				
110.56	111.56	1.00	0.98	98	M356858	135-2				
					M356859	135-2				BLANK
111.56	114.61	3.05	3.05	100	M356860	135-2				
114.61	116.87	2.26	2.23	98.7	M356861	135-2				
116.87	117.96	1.09	1.09	100	M356862	135-2				
					M356863	135-2				1/4 DUPLICATE
117.96	121.00	3.04	3.04	100	M356864	135-2				
121.00	124.05	3.05	3.02	99	M356865	135-2				
					M356866	135-2				STANDARD KLAZA 1
124.05	127.10	3.05	3.03	99.3	M356867	135-2				
127.10	128.10	1.00	0.97	97	M356868	135-2				
					M356869	135-2				BLANK
128.10	129.39	1.29	1.23	95.3	M356870	135-2				
129.39	130.76	1.37	1.37	100	M356871	135-2				
130.76	131.76	1.00	1.00	100	M356872	135-2				
131.76	133.83	2.07	2.07	100	M356873	135-2				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
133.83	134.90	1.07	1.07	100	M356874	135-2				
134.90	136.78	1.88	1.83	97.3	M356875	135-2				
136.78	137.78	1.00	1.00	100	M356876	135-2				
137.78	138.78	1.00	1.00	100	M356877	135-2				
138.78	141.23	2.45	2.39	97.6	M356878	135-2				
					M356879	135-2				COARSE REJECT DUPLICATE
141.23	142.23	1.00	1.00	100	M356880	135-2				
142.23	144.65	2.42	2.42	100	M356881	135-2				
144.65	145.84	1.19	1.19	100	M356882	135-2				
145.84	147.73	1.89	1.85	97.9	M356883	135-2				
147.73	150.73	3.00	3.00	100	M356884	135-2				
150.73	152.60	1.87	1.86	99.5	M356885	135-2				
152.60	153.60	1.00	1.00	100	M356886	135-3				
153.60	154.98	1.38	1.38	100	M356887	135-3				
					M356888	135-3				STANDARD KLAZA 1
154.98	157.47	2.49	2.49	100	M356889	135-3				
157.47	158.47	1.00	0.98	98	M356890	135-3				
					M356891	135-3				BLANK
158.47	160.63	2.16	2.09	96.8	M356892	135-3				
160.63	163.68	3.05	3.05	100	M356893	135-3				
163.68	165.51	1.83	1.83	100	M356894	135-3				
165.51	166.79	1.28	1.26	98.4	M356895	135-3				
166.79	169.31	2.52	2.52	100	M356896	135-3				
169.31	171.18	1.87	1.87	100	M356897	135-3				
					M356898	135-3				1/4 DUPLICATE
171.18	173.28	2.10	2.10	100	M356899	135-3				
173.28	174.28	1.00	1.00	100	M356900	135-3				
174.28	176.46	2.18	2.09	95.9	M356901	135-3				
176.46	177.56	1.10	1.07	97.3	M356902	135-3				
					M356903	135-3				BLANK
186.76	187.76	1.00	1.00	100	M356904	135-3				177.56m-186.76m No sample
187.76	189.79	2.03	2.01	99	M356905	135-3				
189.79	191.11	1.32	1.31	99.2	M356906	135-3				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
191.11	193.00	1.89	1.89	100	M356907	135-3				
193.00	194.00	1.00	1.00	100	M356908	135-3				
					M356909	135-3				STANDARD KLAZA 1
194.00	195.84	1.84	1.83	99.5	M356910	135-3				
195.84	198.82	2.98	2.98	100	M356911	135-3				198.22m-202.30m - No sample
202.30	203.30	1.00	1.00	100	M356912	135-3				
203.30	206.35	3.05	3.03	99.3	M356913	135-3				
206.35	208.14	1.79	1.79	100	M356914	135-3				
208.14	209.14	1.00	1.00	100	M356915	135-3				209.14m-212.71m No sample
212.71	215.76	3.05	2.88	94.4	M356916	135-3				
215.76	218.15	2.39	2.35	98.3	M356917	135-3				
218.15	220.29	2.14	2.14	100	M356918	135-3				
					M356919	135-3				COARSE REJECT DUPLICATE
220.29	221.95	1.66	1.62	97.6	M356920	135-3				
221.95	224.64	2.69	2.66	98.9	M356921	135-3				
224.64	227.38	2.74	2.65	96.7	M356922	135-4				
227.38	228.40	1.02	1.02	100	M356923	135-4				
228.40	229.70	1.30	1.29	99.2	M356924	135-4				
229.70	232.70	3.00	3.00	100	M356925	135-4				
232.70	235.07	2.37	2.20	92.8	M356926	135-4				
235.07	236.83	1.76	1.76	100	M356927	135-4				
					M356928	135-4				1/4 DUPLICATE
236.83	239.68	2.85	2.85	100	M356929	135-4				
239.68					N812736	135-4				
244.99	247.26	2.27	2.27	100	M356930	135-4				
247.26	248.26	1.00	1.00	100	M356931	135-4				
248.26	249.50	1.24	1.24	100	M356932	135-4				
					M356933	135-4				BLANK
249.50	252.07	2.57	2.57	100	M356934	135-4				
252.07	253.85	1.78	1.77	99.4	M356935	135-4				
253.85	255.90	2.05	1.95	95.1	M356936	135-4				
255.90	256.90	1.00	1.00	100	M356937	135-4				
					M356938	135-4				STANDARD KLAZA 1

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
261.45	262.54	1.09	1.05	96.3	M356939	135-4				256.90--m-261.45m No sample
262.54	264.26	1.72	1.58	91.9	M356940	135-4				
264.26	266.00	1.74	1.74	100	M356941	135-4				
266.00	267.00	1.00	1.00	100	M356942	135-4				
267.00	268.00	1.00	1.00	100	M356943	135-4				
268.00	269.00	1.00	1.00	100	M356944	135-4				
					M356945	135-4				BLANK
276.85	277.85	1.00	1.00	100	M356946	135-4				
277.85	279.50	1.65	1.54	93.3	M356947	135-4				
279.50	281.28	1.78	1.78	100	M356948	135-4				
287.01	288.04	1.03	1.03	100	M356949	135-4				281.28m- 284.01m No sample
288.04	289.04	1.00	1.00	100	M356950	135-4				
289.04	291.64	2.60	2.58	99.2	M356951	135-4				
					M356952	135-4				COARSE REJECT DUPLICATE
291.64	292.64	1.00	1.00	100	M356953	135-4				
292.64	294.74	2.10	2.10	100	M356954	135-4				
					M356955	135-4				STANDARD KLAZA 1
294.74	297.79	3.05	3.04	99.7	M356956	135-4				
297.79	300.84	3.05	3.05	100	M356957	135-5				
300.84	302.27	1.43	1.43	100	M356958	135-5				
302.27	303.89	1.62	1.50	92.6	M356959	135-5				
303.89	306.93	3.04	2.79	91.8	M356960	135-5				
306.93	309.98	3.05	2.54	83.3	M356961	135-5				Core rubbley
					M356962	135-5				STANDARD KLAZA 1
309.98	312.38	2.40	2.30	95.8	M356963	135-5				
312.38	313.38	1.00	0.94	94	M356964	135-5				
313.38	315.16	1.78	1.74	97.8	M356965	135-5				
315.16	316.16	1.00	0.98	98	M356966	135-5				
					M356967	135-5				BLANK
316.16	317.99	1.83	1.75	95.6	M356968	135-5				
336.92	337.92	1.00	0.98	98	M356969	135-5				317.99-336.92m No sample
337.92	338.99	1.07	1.07	100	M356970	135-5				
338.99	340.46	1.47	1.37	93.2	M356971	135-5				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
340.46	343.51	3.05	3.03	99.3	M356972	135-5				
343.51	345.61	2.10	2.03	96.7	M356973	135-5				
					M356974	135-5				COARSE REJECT DUPLICATE
345.61	347.15	1.54	1.54	100	M356975	135-5				
347.15	349.61	2.46	2.45	99.6	M356976	135-5				
349.61	350.95	1.34	1.31	97.8	M356977	135-5				
350.95	351.95	1.00	1.00	100	M356978	135-5				
351.95	354.95	3.00	2.87	95.7	M356979	135-5				
					M356980	135-5				STANDARD KLAZA 1
354.95	357.95	3.00	2.93	97.7	M356981	135-5				
357.95	360.95	3.00	2.96	98.7	M356982	135-5				
360.95	362.80	1.85	1.85	100	M356983	135-5				
362.80	364.85	2.05	1.97	96.1	M356984	135-5				
364.85	365.85	1.00	1.00	100	M356985	135-5				
					M356986	135-5				BLANK
365.85	367.77	1.92	1.92	100	M356987	135-5				
367.77	368.95	1.18	1.17	99.2	M356988	135-5				
					M356989	135-5				1/4 DUPLICATE
368.95	369.95	1.00	1.00	100	M356990	135-5				
369.95	370.99	1.04	1.04	100	M356991	135-5				
370.99	372.99	2.00	2.00	100	M356992	135-5				
372.99	373.99	1.00	1.00	100	M356993	135-6				
373.99	377.04	3.05	3.00	98.4	N812792	135-6				
377.04	378.59	1.55	1.55	100	M356995	135-6				
378.59	380.09	1.50	1.48	98.7	M356996	135-6				
					M356997	135-6				BLANK
380.09	381.45	1.36	1.36	100	M356998	135-6				
381.45	383.13	1.68	1.66	98.8	M356999	135-6				
383.13	385.58	2.45	2.43	99.2	M357000	135-6				
385.58	387.03	1.45	1.45	100	N812737	135-6				
					N812738	135-6				STANDARD KLAZA 1
387.03	389.93	2.90	2.85	98.3	N812739	135-6				
389.93	391.66	1.73	1.73	100	N812740	135-6				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
391.66	392.66	1.00	0.97	97	N812741	135-6				
392.66	393.66	1.00	1.00	100	N812742	135-6				
393.66	395.33	1.67	1.67	100	N812743	135-6				
					N812744	135-6				1/4 DUPLICATE
395.33	398.37	3.04	3.05	100	N812745	135-6				
398.37	401.42	3.05	3.05	100	N812746	135-6				
401.42	403.47	2.05	2.05	100	N812747	135-6				
403.47	404.47	1.00	1.00	100	N812748	135-6				
404.47	407.52	3.05	3.05	100	N812749	135-6				
407.52	410.57	3.05	3.05	100	N812750	135-6				
					N812751	135-6				COARSE REJECT DUPLICATE
410.57	412.94	2.37	2.34	98.7	N812752	135-6				
412.94	413.94	1.00	1.00	100	N812753	135-6				
413.94	416.66	2.72	2.68	98.5	N812754	135-6				
416.66	418.65	1.99	1.99	100	N812755	135-6				
418.65	419.65	1.00	0.98	98	N812756	135-6				
					N812757	135-6				BLANK
419.65	422.70	3.05	3.05	100	N812758	135-6				
422.70	425.71	3.01	3.01	100	N812759	135-6				
425.71	428.64	2.93	2.63	89.8	N812760	135-6				
					N812761	135-6				STANDARD KLAZA 1
428.64	430.25	1.61	1.61	100	N812762	135-6				
430.25	431.51	1.26	1.26	100	N812763	135-6				
431.51	432.51	1.00	1.00	100	N812764	135-6				
432.51	433.51	1.00	0.98	98	N812765	135-7				
					N812766	135-7				STANDARD KLAZA 1
433.51	434.70	1.19	1.19	100	N812767	135-7				
434.70	436.15	1.45	1.40	96.6	N812768	135-7				
					N812769	135-7				BLANK
436.15	438.00	1.85	1.83	98.9	N812770	135-7				
438.00	441.05	3.05	3.04	99.7	N812771	135-7				
441.05	443.62	2.57	2.56	99.6	N812772	135-7				
443.62	444.97	1.35	1.31	97	N812773	135-7				

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
444.97	447.14	2.17	2.17	100	N812774	135-7				
447.14	450.19	3.05	3.05	100	N812775	135-7				
					N812776	135-7				COARSE REJECT DUPLICATE
450.19	453.24	3.05	3.05	100	N812777	135-7				
459.33	460.49	1.16	1.16	100	N812778	135-7				453.24m- 459.33m No sample
460.49	461.49	1.00	1.00	100	N812779	135-7				
					N812780	135-7				BLANK
461.49	464.52	3.03	3.03	100	N812781	135-7				
464.52	467.32	2.80	2.80	100	N812782	135-7				
467.32	469.13	1.81	1.72	95	N812783	135-7				
469.13	471.76	2.63	2.61	99.2	N812784	135-7				
471.76	472.76	1.00	1.00	100	N812785	135-7				
472.76	474.57	1.81	1.81	100	N812786	135-7				
					N812787	135-7				STANDARD KLAZA 1
474.57	476.56	1.99	1.99	100	N812788	135-7				
476.56	477.56	1.00	1.00	100	N812789	135-7				
482.01	483.01	1.00	1.00	100	N812790	135-7				477.56m-482.01m No sample
483.01	484.03	1.02	1.02	100	N812791	135-7				End of sampling
										EOH @ 497.74m

PROPERTY NAME

Hole: DDH-KL-12-135 **Tech Name:** **Date:**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
2.60	3.05	0.45	0.20	44.44	0	0		1.00	0	4	
3.05	4.57	1.52	0.25	16.45	0	0		1.00	0	5	
4.57	5.79	1.22	0.13	10.66	0.13	11		2.00	0	2	
5.79	7.32	1.53	0.10	6.54	0	0		1.00	0	5	
7.32	10.36	3.04	0.12	3.95	0	0		1.00	0	5	
10.36	13.41	3.05	0.20	6.56	0	0		1.00	0	5	
13.41	16.46	3.05	0.11	3.61	0	0		1.00	0	5	
16.46	19.51	3.05	0.05	1.64	0	0		2.00	0	3	
19.51	20.42	0.91	0.90	98.90	0	0		1.00	0	5	
20.42	23.47	3.05	1.40	45.90	0	0		1.00	0	5	
23.47	26.52	3.05	2.25	73.77	0	0		1.00	0	5	
26.52	29.57	3.05	2.38	78.03	0	0		1.00	0	5	
29.57	32.61	3.04	2.20	72.37	0	0		1.00	0	5	
32.61	35.66	3.05	2.37	77.70	0	0		1.00	0	5	
35.66	38.71	3.05	2.95	96.72	0	0		1.00	0	5	
38.71	41.76	3.05	2.00	65.57	0	0		1.00	0	5	
41.76	44.81	3.05	2.09	68.52	0.2	7		1.00	0	4	
44.81	47.85	3.04	2.21	72.70	0	0		1.00	0	5	
47.85	50.90	3.05	2.90	95.08	0	0		1.00	1	4	
50.90	53.95	3.05	3.00	98.36	1.65	54		1.00	1	4	
53.95	57.00	3.05	2.55	83.61	0.56	18		1.00	3	3	
57.00	60.05	3.05	3.00	98.36	0.21	7		2.00	1	4	
60.05	63.09	3.04	3.05	100.00	1	33		2.00	2	3	
63.09	66.14	3.05	3.05	100.00	0.96	31		2.00	2	3	
66.14	69.19	3.05	3	98.36	0.85	31		2.00	3	2	
69.19	72.24	3.05	2.85	93.44	2.21	28		2.00	4	2	
72.24	75.29	3.05	2.84	93.11	2.5	72		2.00	2	2	
75.29	78.33	3.04	3.05	100.00	2.32	82		2.00	3	2	
78.33	81.38	3.05	2.9	95.08	2.75	76		2.00	3	2	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
81.38	84.43	3.05	2.8	91.80	2.55	84		2.00	4	1	
84.43	87.48	3.05	3.05	100.00	1.8	59		2.00	2	1	
87.48	90.53	3.05	3	98.36	2.01	66		2.00	4	1	
90.53	93.57	3.04	2.8	92.11	2.05	67		2.00	2	1	
93.57	96.62	3.05	3	98.36	1.93	63		2.00	3	1	
96.62	99.67	3.05	2.81	92.13	2.4	79		2.00	3	1	
99.67	102.72	3.05	2.97	97.38	2.77	91		2.00	4	1	
102.72	105.77	3.05	2.95	96.72	2.97	97		2.00	3	1	
105.77	108.81	3.04	2.75	90.46	2.65	87		2.00	3	1	
108.81	111.86	3.05	3	98.36	1.85	61		2.00	2	1	
111.86	114.91	3.05	2.92	95.74	2	66		2.00	4	1	
114.91	117.96	3.05	2.95	96.72	2.09	69		2.00	4	1	
117.96	121.00	3.04	3	98.68	2.51	83		2.00	3	1	
121.00	124.05	3.05	2.9	95.08	2.6	85		2.00	4	1	
124.05	127.10	3.05	2.5	81.97	2.2	72		2.00	0	3	
127.10	130.15	3.05	2.9	95.08	1.22	40		1.00	0	3	
130.15	133.20	3.05	3.02	99.02	2.67	88		2	1	3	
133.20	136.25	3.05	2.91	95.41	2.87	94		2	0	3	
136.25	139.29	3.04	3	98.68	1.7	56		2	0	1	
139.29	142.34	3.05	2.95	96.72	2.23	73		2	1	1	
142.34	145.39	3.05	3.05	100.00	2.81	92		2	3	1	
145.39	148.44	3.05	2.93	96.07	2.84	93		2	3	1	
148.44	151.49	3.05	3.05	100.00	2.97	97		2	4	1	
151.49	154.53	3.04	3.05	100.33	2.6	86		2	4	1	
154.53	157.58	3.05	3	98.36	2.74	90		2	3	1	
157.58	160.63	3.05	2.98	97.70	2.45	80		2	3	1	
160.63	163.68	3.05	3	98.36	2.64	87		2	4	1	
163.68	166.73	3.05	2.85	93.44	2.43	80		2	2	1	
166.73	169.77	3.04	3	98.68	2.41	79		2	2	1	
169.77	172.82	3.05	3.02	99.02	2.6	85		2	4	1	
172.82	175.87	3.05	2.85	93.44	2.24	73		2	2	1	
175.87	178.92	3.05	3	98.36	2.65	87		2	3	1	
178.92	181.97	3.05	3	98.36	2.91	95		2	4	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
181.97	185.01	3.04	3.05	100.33	2.5	82		2	4	1	
185.01	188.06	3.05	2.8	91.80	2.8	92		2	4	1	
188.06	191.11	3.05	3.05	100.00	3	98		2	4	1	
191.11	194.16	3.05	3.05	100.00	3.05	100		2	4	1	
194.16	197.21	3.05	3.05	100.00	2.87	94		2	4	1	
197.21	200.25	3.04	3	98.68	3	99		2	4	1	
200.25	203.30	3.05	2.98	97.70	2.8	92		2	3	1	
203.30	206.36	3.06	3	98.04	2.71	89		2	4	1	
206.36	209.40	3.04	2.98	98.03	2.61	86		2	3	1	
209.40	212.45	3.05	3.05	100.00	2.52	83		2	4	1	
212.45	215.49	3.04	2.9	95.39	1.1	36		2	3	1	
215.49	218.54	3.05	2.9	95.08	2.81	92		2	3	1	
218.54	221.59	3.05	2.95	96.72	2.75	90		2	3	1	
221.59	224.64	3.05	2.8	91.80	2.69	88		2	3	1	
224.64	227.69	3.05	2.9	95.08	2.9	95		2	3	1	
227.69	230.73	3.04	2.93	96.38	2.54	84		2	3	1	
230.73	233.78	3.05	2.73	89.51	2.57	84		2	3	1	
233.78	236.83	3.05	2.9	95.08	2.39	78		2	3	1	
236.83	239.88	3.05	3.05	100.00	2.9	95		2	3	1	
239.88	242.93	3.05	3	98.36	2.95	97		2	3	1	
242.93	245.97	3.04	2.87	94.41	2.52	83		2	3	1	
245.97	249.02	3.05	3	98.36	2.81	92		2	3	1	
249.02	252.07	3.05	2.98	97.70	2.6	85		2	3	1	
252.07	255.12	3.05	2.9	95.08	2.51	82		2	3	1	
255.12	258.17	3.05	2.72	89.18	2.35	77		2	3	1	
258.17	261.21	3.04	3.05	100.33	2.76	91		2	3	1	
261.21	264.26	3.05	2.94	96.39	1.7	56		2	2	1	
264.26	267.31	3.05	3	98.36	2.48	81		2	3	1	
267.31	270.36	3.05	2.97	97.38	2.68	88		2	3	1	
270.36	273.40	3.04	2.94	96.71	2.82	93		2	3	1	
273.40	276.45	3.05	3.05	100.00	3	98		2	3	1	
276.45	279.50	3.05	2.93	96.07	1.12	37		2	3	1	
279.50	282.55	3.05	2.89	94.75	2.02	66		2	3	1	
282.55	285.60	3.05	3.05	100.00	2.11	69		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
285.60	288.65	3.05	3.02	99.02	2.31	76		2	3	1	
288.65	291.69	3.04	3	98.68	2.91	96		2	3	1	
291.69	294.74	3.05	3.05	100.00	2.54	83		2	3	1	
294.74	297.79	3.05	2.98	97.70	2.2	72		2	3	1	
297.79	300.84	3.05	2.94	96.39	2.25	74		2	3	1	
300.84	303.89	3.05	3.03	99.34	2.42	79		2	2	1	
303.89	306.93	3.04	3.02	99.34	0.62	20		2	2	1	
306.93	309.98	3.05	2.91	95.41	0.14	5		2	2	1	
309.98	313.03	3.05	3	98.36	0	0		1	0	4	
313.03	316.08	3.05	2.57	84.26	0	0		1	0	4	
316.08	319.13	3.05	3.02	99.02	2.05	67		2	3	2	
319.13	322.17	3.04	2.88	94.74	1.34	44		2	2	1	
322.17	325.22	3.05	2.96	97.05	2.56	84		2	3	1	
325.22	328.27	3.05	3.04	99.67	1.47	48		1	1	1	
328.27	331.32	3.05	2.96	97.05	1.38	45		1	2	1	
331.32	334.37	3.05	2.88	94.43	1.32	43		2	2	1	
334.37	337.41	3.04	2.86	94.08	1.37	45		2	3	1	
337.41	340.46	3.05	2.95	96.72	2.41	79		2	3	1	
340.46	343.51	3.05	2.91	95.41	1.42	47		1	1	1	
343.51	346.56	3.05	2.9	95.08	1.58	52		2	3	1	
346.56	349.61	3.05	2.89	94.75	1.59	52		1	1	1	
349.61	352.65	3.04	2.9	95.39	2.07	68		1	1	1	
352.65	355.70	3.05	2.97	97.38	1.86	61		2	2	1	
355.70	358.75	3.05	2.86	93.77	1.33	44		2	2	1	
358.75	361.80	3.05	2.84	93.11	1.49	49		1	1	1	
361.80	364.85	3.05	2.86	93.77	1.27	42		1	1	1	
364.85	367.89	3.04	3	98.68	1.76	58		2	2	1	
367.89	370.94	3.05	2.91	95.41	2.23	73		2	3	1	
370.94	373.99	3.05	2.87	94.10	2.12	70		2	3	1	
373.99	377.04	3.05	2.97	97.38	2.57	84		2	3	1	
377.04	380.09	3.05	2.96	97.05	2.41	79		2	3	1	
380.09	383.19	3.10	2.9	93.55	1.74	56		2	3	1	
383.19	386.18	2.99	2.98	99.67	2.67	89		2	3	1	
386.18	389.23	3.05	2.95	96.72	2.4	79		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
389.23	392.28	3.05	2.97	97.38	2.17	71		2	3	1	
392.28	395.33	3.05	2.97	97.38	2.43	80		2	3	1	
395.33	398.37	3.04	3.04	100.00	2.8	92		2	3	1	
398.37	401.42	3.05	3.03	99.344	2.68	87.87		2	3	1	
401.42	404.47	3.05	3.02	99.016	2.11	69.18		2	3	1	
404.47	407.52	3.05	2.93	96.066	1.97	64.59		2	3	1	
407.52	410.57	3.05	2.99	98.033	2.21	72.46		2	3	1	
410.57	413.61	3.04	2.87	94.408	1.91	62.83		2	2	1	
413.61	416.66	3.05	3.01	98.689	2.65	86.89		2	2	1	
416.66	419.71	3.05	2.99	98.033	2.56	83.93		2	2	1	
419.71	422.76	3.05	2.91	95.41	2.39	78.36		1	2	1	
422.76	425.81	3.05	3.01	98.689	2.79	91.48		2	2	1	
425.81	428.85	3.04	2.79	91.776	1.29	42.43		1	1	1	
428.85	431.90	3.05	2.81	92.131	0.89	29.18		2	2	1	
431.90	434.95	3.05	2.94	96.393	0.49	16.07		1	2	1	
434.95	438.00	3.05	3.05	100	0.46	15.08		2	2	1	
438.00	441.05	3.05	3.05	100	1.8	59.02		2	2	1	
441.05	444.09	3.04	2.95	97.039	1.7	55.92		2	2	1	
444.09	447.14	3.05	3.05	100	2.68	87.87		2	3	1	
447.14	450.19	3.05	2.94	96.393	2.57	84.26		2	3	1	
450.19	453.24	3.05	3.02	99.016	2.58	84.59		2	3	1	
453.24	456.29	3.05	3.02	99.016	2.06	67.54		2	3	1	
456.29	459.33	3.04	3	98.684	2.69	88.49		2	3	1	
459.33	462.38	3.05	3.02	99.016	2.71	88.85		2	3	1	
462.38	465.43	3.05	3.05	100	2.49	81.64		2	3	1	
465.43	468.48	3.05	2.95	96.721	2.2	72.13		2	3	1	
468.48	471.53	3.05	2.97	97.377	2.51	82.3		2	3	1	
471.53	474.57	3.04	2.94	96.711	1.41	46.38		1	2	1	
474.57	477.62	3.05	2.89	94.754	1.77	58.03		1	2	1	
477.62	480.67	3.05	2.89	94.754	2.59	84.92		2	3	1	
480.67	483.72	3.05	2.95	96.721	2.78	91.15		2	3	1	
483.72	486.77	3.05	2.91	95.41	2.49	81.64		2	3	1	
486.77	489.81	3.04	3.05	100.33	2.83	93.09		2	3	1	
489.81	492.86	3.05	3.03	99.344	2.97	97.38		2	3	1	

PROPERTY NAME

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	DESCRIPTION
492.86	495.91	3.05	3.04	99.672	2.85	93.44		2	3	1	
495.91	497.71	1.80	1.49	82.778	1.07	59.44		2	3	1	
	EOH										

PROPERTY NAME

Hole: DDH-KL-12-135 **Tech Name:** **Date:** **Page** **of**

GEOTECHNICAL JOINT LOG

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
2.60	3.05	0.45							
3.05	4.57	1.52							
4.57	5.79	1.22							
5.79	7.32	1.53							
7.32	10.36	3.04							
10.36	13.41	3.05							
13.41	16.46	3.05							
16.46	19.51	3.05							
19.51	20.42	0.91							
20.42	23.47	3.05							
23.47	26.52	3.05							
26.52	29.57	3.05							
29.57	32.61	3.04							
32.61	35.66	3.05							
35.66	38.71	3.05							
38.71	41.76	3.05							
41.76	44.81	3.05							

PROPERTY NAME

44.81	47.85	3.04								
47.85	50.90	3.05								
50.90	53.95	3.05	50.00	0.12	0.00	2	2	3		
53.95	57.00	3.05								
57.00	60.05	3.05								
60.05	63.09	3.04								
63.09	66.14	3.05								
66.14	69.19	3.05								
69.19	72.24	3.05	75	0.33	0	2	2	2		
72.24	75.29	3.05								
75.29	78.33	3.04								
78.33	81.38	3.05	60	1.07	0	2	2	2		
81.38	84.43	3.05	55	0.32	0	2	2	1		
84.43	87.48	3.05								
87.48	90.53	3.05	60	0.62	0	2	2	1		
90.53	93.57	3.04	60	0.4	0	3	2	1		
93.57	96.62	3.05								
96.62	99.67	3.05								
99.67	102.72	3.05	55	0.97	0	2	2	1		
102.72	105.77	3.05								
105.77	108.81	3.04	75	0.37	0	3	2	1		
108.81	111.86	3.05	70	0.49	0	2	2	1		
111.86	114.91	3.05								
114.91	117.96	3.05								
117.96	121.00	3.04								
121.00	124.05	3.05								
124.05	127.10	3.05	55	0.36	0	3	2	3		

PROPERTY NAME

127.10	130.15	3.05					
130.15	133.20	3.05	60	0.36	5 2	3	2
133.20	136.25	3.05	60	0.49	0 2	2	2
136.25	139.29	3.04	60	0.15	0 3	2	2
139.29	142.34	3.05	65	0.25	0 2	2	1
142.34	145.39	3.05	60	0.27	0 3	2	1
145.39	148.44	3.05	65	0.13	0 1	2	1
148.44	151.49	3.05					
151.49	154.53	3.04					
154.53	157.58	3.05	65	0.91	0 2	2	1
157.58	160.63	3.05	65	0.5	0 2	2	1
160.63	163.68	3.05	50	0.2	0 2	2	1
163.68	166.73	3.05					
166.73	169.77	3.04	60	0.47	0 2	2	1
169.77	172.82	3.05	75	0.58	0 2	2	1
172.82	175.87	3.05					
175.87	178.92	3.05					
178.92	181.97	3.05	50	1	0 2	2	1
181.97	185.01	3.04	55	0.17	0 2	2	1
185.01	188.06	3.05					
188.06	191.11	3.05					
191.11	194.16	3.05					
194.16	197.21	3.05	60	1.22	0 3	2	1
197.21	200.25	3.04					
200.25	203.30	3.05					
203.30	206.36	3.06					
206.36	209.40	3.04	65	1.02	0 2	3	1
209.40	212.45	3.05					
212.45	215.49	3.04					
215.49	218.54	3.05					
218.54	221.59	3.05					
221.59	224.64	3.05	75	0.7	0 3	2	1
224.64	227.69	3.05	70	0.8	2	2	1
227.69	230.73	3.04	55	0.67	0 2	3	1
230.73	233.78	3.05					
233.78	236.83	3.05	60	0.42	0 1	2	1
236.83	239.88	3.05					
239.88	242.93	3.05	60	0.83	0 1	2	1
242.93	245.97	3.04	60	0.62	0 1	2	1
245.97	249.02	3.05	60	0.48	0 3	2	1
249.02	252.07	3.05	50	1.14	0 3	2	1
252.07	255.12	3.05					
255.12	258.17	3.05	60	0.76	0 2	2	1
258.17	261.21	3.04	60	0.26	0 3	2	1
261.21	264.26	3.05					
264.26	267.31	3.05	70	0.84	0 1	2	1
267.31	270.36	3.05	60	0.75	0 1	2	1
270.36	273.40	3.04					

PROPERTY NAME

273.40	276.45	3.05								
276.45	279.50	3.05								
279.50	282.55	3.05								
282.55	285.60	3.05		45	0.12		0	2	2	1
285.60	288.65	3.05								
288.65	291.69	3.04								
291.69	294.74	3.05		70	0.66		0	1	2	1
294.74	297.79	3.05		40	0.4		0	1	2	1
297.79	300.84	3.05								
300.84	303.89	3.05		65	0.74		0	1	2	1
303.89	306.93	3.04								
306.93	309.98	3.05								
309.98	313.03	3.05					15			
313.03	316.08	3.05					10			
316.08	319.13	3.05								
319.13	322.17	3.04	45/65		0.3/0.15	0/0		2/2	2/2	1/1
322.17	325.22	3.05		40	0.2		0	2	2	1
325.22	328.27	3.05	40/55		0.6/0.3	0/0		2/2	2/2	1/1
328.27	331.32	3.05								
331.32	334.37	3.05		75	0.15		1	2	2	1
334.37	337.41	3.04		50	1.5		0	2	2	1
337.41	340.46	3.05		45	0.12		0	2	2	1
340.46	343.51	3.05		50	0.45		1	2	2	1
343.51	346.56	3.05		60	0.4		0	2	2	1
346.56	349.61	3.05		65	0.15		0	2	3	1
349.61	352.65	3.04		65	0.3		0	2	2	1
352.65	355.70	3.05								
355.70	358.75	3.05		30	0.15		1	2	2	1
358.75	361.80	3.05		30	0.1		1	2	2	1
361.80	364.85	3.05								
364.85	367.89	3.04	40/60		0.05/0.15	0/0		2/2	2/3	1/1
367.89	370.94	3.05		50	0.15		0	2	3	1
370.94	373.99	3.05	35/50		0.10/0.2	0/0		2/2	3/3	1/1
373.99	377.04	3.05		50	0.15		1	2	2	1
377.04	380.09	3.05	35/55		.60/0.02	0/1		2/2	2/2	1/1
380.09	383.19	3.10		45	0.75		0	2	3	1
383.19	386.18	2.99		75	0.8		0	2	2	1
386.18	389.23	3.05	45/60		0.35/0.55	0/0		2/2	2/2	1/1
389.23	392.28	3.05		70	0.3		0	2	3	1
392.28	395.33	3.05		45	0.6		0	2	3	1
395.33	398.37	3.04		75	0.2		0	2	3	1
398.37	401.42	3.05		45	0.25		0	2	2	1
401.42	404.47	3.05		60	0.07		0	2	2	1
404.47	407.52	3.05		40	0.15		0	2	2	1
407.52	410.57	3.05	50/75		0.35/50	0/0		2/2	2/3	1/1
410.57	413.61	3.04		30	0.15		1	2	2	1
413.61	416.66	3.05		40	0.35		1	2	2	1
416.66	419.71	3.05								

PROPERTY NAME

419.71	422.76	3.05	40/50		0.15/0.20	0/0	2/2	2/2	1/1
422.76	425.81	3.05							
425.81	428.85	3.04		40	0.3		1 2	2	1
428.85	431.90	3.05							
431.90	434.95	3.05		70	0.1		0 2	3	1
434.95	438.00	3.05		65	0.15		0 2	3	1
438.00	441.05	3.05	45/60		0.60/0.25	0/0	3/2	2/2	1/1
441.05	444.09	3.04		85	0.1		0 2	2	1
444.09	447.14	3.05		40	0.6		0 2	3	1
447.14	450.19	3.05		45	0.35		0 2	2	1
450.19	453.24	3.05							
453.24	456.29	3.05		80	0.25		0 2	2	1
456.29	459.33	3.04							
459.33	462.38	3.05		40	0.15		0 2	2	1
462.38	465.43	3.05		65	0.3		0 2	2	1
465.43	468.48	3.05		45	0.35		0 2	3	1
468.48	471.53	3.05		40	0.25		2 2	2	1
471.53	474.57	3.04		45	0.1		0 2	3	1
474.57	477.62	3.05		45	0.6		0 2	2	1
477.62	480.67	3.05		25	0.6		0 2	2	1
480.67	483.72	3.05							
483.72	486.77	3.05							
486.77	489.81	3.04		70	0.35		0 2	2	1
489.81	492.86	3.05		60	0.25		0 2	2	1
492.86	495.91	3.05		55	0.45		0 2	2	1
495.91	497.71	1.80							

EOH

PROPERTY NAME

Hole: DDH-KL-12-135 **Date:**

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS

PROPERTY NAME

Hole: DDH-KL-12-135 Date:

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00	1.20	
6.00	.1.33	
7.00	0.53	
8.00	0.41	
9.00	0.21	
10.00	16.40	
11.00		
12.00		
13.00	5.50	
14.00		
15.00		
16.00		
17.00		
18.00		
19.00		
20.00	0.34	
21.00	0.20	
22.00	0.42	
23.00	0.16	
24.00		
25.00	6.47	
26.00		
27.00		
28.00	8.01	
29.00		

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
30.00	0.25	
31.00		
32.00	2.41	
33.00	1.55	
34.00		
35.00	0.23	
36.00		
37.00		
38.00		
39.00	0.10	
40.00		
41.00	0.10	
42.00	0.20	
43.00	0.31	
44.00	0.10	
45.00	0.32	
46.00	0.05	
47.00	0.12	
48.00	0.12	
49.00	0.48	
50.00	0.14	
51.00	0.03	
52.00	0.03	
53.00	0.03	
54.00	0.01	
55.00	0.01	
56.00	0.07	
57.00	0.23	
58.00	0.16	
59.00	0.49	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
60.00	0.32	
61.00	0.53	
62.00	6.86	
63.00	0.95	
64.00	0.45	
65.00	1.93	
66.00	0.36	
67.00	2.01	
68.00	11.80	
69.00	6.53	
70.00	1.33	
71.00	8.27	
72.00	6.51	
73.00	6.82	
74.00	0.27	
75.00	11.60	
76.00	12.00	
77.00	1.46	
78.00	0.12	
79.00	2.56	
80.00	11.60	
81.00	3.86	
82.00	0.36	
83.00	0.29	
84.00	0.32	
85.00	0.71	
86.00	2.28	
87.00	9.22	
88.00	2.17	
89.00	0.32	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
90.00	1.18	
91.00	0.42	
92.00	0.49	
93.00	0.21	
94.00	1.28	
95.00	12.50	
96.00	0.71	
97.00	0.31	
98.00	0.29	
99.00	0.34	
100.00	0.36	
101.00	2.36	
102.00	14.00	
103.00	14.60	
104.00	5.91	
105.00	16.40	
106.00	14.30	
107.00	0.58	
108.00	15.10	
109.00	11.50	
110.00	0.45	
111.00	0.18	
112.00	8.07	
113.00	9.00	
114.00	9.35	
115.00	15.70	
116.00	13.30	
117.00	9.40	
118.00	11.20	
119.00	0.30	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
120.00	4.13	
121.00	11.56	
122.00	12.00	
123.00	0.91	
124.00	18.20	
125.00	19.00	
126.00	18.00	
127.00	11.40	
128.00	0.32	
129.00	7.17	
130.00	5.81	
131.00	0.51	
132.00	7.62	
133.00	7.01	
134.00	6.20	
135.00	6.05	
136.00	0.88	
137.00	0.91	
138.00	14.02	
139.00		
140.00		
141.00		
142.00		
143.00		
144.00		
145.00		
146.00		
147.00		
148.00		
149.00		

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
150.00		
151.00		
152.00		
153.00		
154.00		
155.00		
156.00		
157.00		
158.00		
159.00		
160.00		
161.00	16.3	
162.00	17	
163.00	11.6	
164.00	17.9	
165.00	17.4	
166.00	0.69	
167.00	1.64	
168.00	12.7	
169.00	9.53	
170.00	17.2	
171.00	0.49	
172.00	12.4	
173.00	0.32	
174.00	0.25	
175.00	0.25	
176.00	7.74	
177.00	7.68	
178.00	16.1	
179.00	16.2	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
180.00	15.5	
181.00	1.42	
182.00	15	
183.00	12.3	
184.00	16.5	
185.00	16.8	
186.00	16.4	
187.00	11.6	
188.00	5.49	
189.00	7.72	
190.00	14.1	
191.00	4.55	
192.00	16.4	
193.00	8.38	
194.00	16	
195.00	15.3	
196.00	14.5	
197.00	15.4	
198.00	2.36	
199.00	15.2	
200.00	13.2	
201.00	13	
202.00	13	
203.00	13.9	
204.00	14	
205.00	13.01	
206.00	12.2	
207.00	12.5	
208.00	0.32	
209.00	0.4	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
210.00	14.4	
211.00	16.2	
212.00	14.1	
213.00	16.9	
214.00	7.92	
215.00	9.53	
216.00	0.49	
217.00	0.62	
218.00	15.5	
219.00	13.7	
220.00	11.1	
221.00	18.9	
222.00	1.81	
223.00	18.4	
224.00	17.9	
225.00	15	
226.00	16.3	
227.00	14.2	
228.00	0.6	
229.00	0.96	
230.00	0.47	
231.00	6.75	
232.00	1	
233.00	0.6	
234.00	0.51	
235.00	0.42	
236.00	15.6	
237.00	13.5	
238.00	5.59	
239.00	12.8	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
240.00	10.2	
241.00	2.06	
242.00	12	
243.00	15.9	
244.00	14.6	
245.00	5.94	
246.00	0.64	
247.00	0.21	
248.00	1.09	
249.00	3.78	
250.00	9.27	
251.00	15.3	
252.00	0.6	
253.00	0.82	
254.00	2.58	
255.00	1.11	
256.00	1.17	
257.00	14.3	
258.00	12	
259.00	13.3	
260.00	12	
261.00	5.56	
262.00	0.71	
263.00	3.44	
264.00	3	
265.00	0.67	
266.00	0.45	
267.00	11.7	
268.00	0.38	
269.00	18.8	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
270.00	13	
271.00	14.8	
272.00	14	
273.00	1.18	
274.00	10.2	
275.00	10.2	
276.00	16.1	
277.00	0.56	
278.00	13	
279.00	14	
280.00	12.5	
281.00	4.55	
282.00	15.9	
283.00	14.9	
284.00	13.8	
285.00	1.06	
286.00	16.8	
287.00	0.45	
288.00	0.71	
289.00	0.82	
290.00	17.2	
291.00	4.09	
292.00	1.57	
293.00	2.34	
294.00	12.9	
295.00	7.44	
296.00	17.8	
297.00	8.41	
298.00	7.02	
299.00	11.9	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
300.00	16.6	
301.00	20.3	
302.00	0.16	
303.00	16.8	
304.00	15.6	
305.00	16.2	
306.00	15	
307.00	12.9	
308.00	18.6	
309.00	16.1	
310.00	15	
311.00	7.52	
312.00	7.15	
313.00	6.82	
314.00	3.31	
315.00	12.8	
316.00	0.96	
317.00	5.74	
318.00	4.39	
319.00	4.94	
320.00	9.58	
321.00	21.7	
322.00	21.6	
323.00	17.2	
324.00	18	
325.00	6.53	
326.00	18.9	
327.00	18.7	
328.00	18.5	
329.00	17.2	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
330.00	17.6	
331.00	20.3	
332.00	8.78	
333.00	15.2	
334.00	18.3	
335.00	17.7	
336.00	19.1	
337.00	20.5	
338.00	0.21	
339.00	0.45	
340.00	20.3	
341.00	16.3	
342.00	12.4	
343.00	0.27	
344.00	20.7	
345.00	10.8	
346.00	0.43	
347.00	0.25	
348.00	10.8	
349.00	0.45	
350.00	9.15	
351.00	0.89	
352.00	18.3	
353.00	17.6	
354.00	19	
355.00	18	
356.00	24.1	
357.00	18.4	
358.00	1.29	
359.00	19.3	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
360.00	17.8	
361.00	20	
362.00	12.9	
363.00	16.2	
364.00	18.6	
365.00	1.04	
366.00	5.3	
367.00	18.2	
368.00	0.4	
369.00	0.25	
370.00	6.35	
371.00	0.87	
372.00	19.1	
373.00	15.9	
374.00	0.64	
375.00	0.43	
376.00	9.24	
377.00	7.75	
378.00	17	
379.00	1.06	
380.00	0.51	
381.00	12.8	
382.00	18.2	
383.00	19.7	
384.00	19	
385.00	16.3	
386.00	15.8	
387.00	0.6	
388.00	0.89	
389.00	1.11	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
390.00	0.25	
391.00	10.8	
392.00	0.4	
393.00	17.6	
394.00	11.9	
395.00	0.42	
396.00	0.58	
397.00	17.1	
398.00	17	
399.00	3.44	
400.00	19.9	
401.00	21.1	
402.00	19.8	
403.00	19.9	
404.00	0.51	
405.00	17.8	
406.00	6.27	
407.00	16.9	
408.00	0.86	
409.00	2.47	
410.00	18.5	
411.00	20.2	
412.00	12	
413.00	0.36	
414.00	16.1	
415.00	11.2	
416.00	11.8	
417.00	18.2	
418.00	0.49	
419.00	0.43	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
420.00	17.5	
421.00	11.2	
422.00	14	
423.00	7.06	
424.00	6.38	
425.00	11.1	
426.00	18	
427.00	21.4	
428.00	4.73	
429.00	16.9	
430.00	7.94	
431.00	8.78	
432.00	0.34	
433.00	0.82	
434.00	0.14	
435.00	0.31	
436.00	0.31	
437.00	0.45	
438.00	0.31	
439.00	0.31	
440.00	0.25	
441.00	0.34	
442.00	0.29	
443.00	0.32	
444.00	0.71	
445.00	0.51	
446.00	13	
447.00	15.9	
448.00	17	
449.00	16	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
450.00	16.2	
451.00	16.6	
452.00	17.3	
453.00	17.6	
454.00	15.9	
455.00	16.8	
456.00	16.2	
457.00	18	
458.00	16.3	
459.00	19.8	
460.00	14.4	
461.00	1.4	
462.00	11.8	
463.00	18.5	
464.00	16.6	
465.00	11.4	
466.00	15.6	
467.00	21.5	
468.00	14.4	
469.00	16.9	
470.00	15.5	
471.00	0.49	
472.00	14.5	
473.00	2.76	
474.00	19.1	
475.00	14	
476.00	13.5	
477.00	0.64	
478.00	17.8	
479.00	16.9	

PROPERTY NAME

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
480.00	13.6	
		EOH

PROPERTY NAME

Hole: **DDH-KL-12-135** **Date:**

Box #	From (m)	To (m)
1	2.60	19.76
2	19.76	24.90
3	24.90	29.65
4	29.65	32.80
5	32.80	38.48
6	38.48	42.67
7	42.67	46.80
8	46.80	50.71
9	50.71	53.25
10	53.25	56.75
11	56.75	60.05
12	60.05	63.49
13	63.49	66.85
14	66.85	70.78
15	70.78	75.65
16	75.65	78.47
17	78.47	82.43
18	82.43	86.20
19	86.20	90.47
20	90.47	94.31
21	94.31	98.19
22	98.19	102.11
23	102.11	106.10
24	106.10	110.10
25	110.10	114.00
26	114.00	117.96
27	117.96	121.95
28	121.95	125.94
29	125.94	130.15

PROPERTY NAME

30	130.15	134.14
31	134.14	137.73
32	137.73	141.41
33	141.41	145.39
34	145.39	149.70
35	149.70	154.01
36	154.01	158.71
37	158.71	162.32
38	162.32	166.59
39	166.59	170.44
40	170.44	175.75
41	175.75	178.30
42	178.30	182.17
43	182.17	186.53
44	186.53	191.11
45	191.11	195.47
46	195.47	200.88
47	200.88	204.22
48	204.22	209.55
49	209.55	212.71
50	212.71	216.94
51	216.94	221.32
52	221.32	225.40
53	225.40	229.68
54	229.68	234.18
55	234.18	239.88
56	239.88	245.89
57	245.89	251.71
58	251.71	257.81
59	257.81	263.35
60	263.35	269.22
61	269.22	275.08
62	275.08	280.85
63	280.85	286.65
64	286.65	291.82
65	291.82	297.48
66	297.48	303.20

PROPERTY NAME

67	303.20	308.15
68	308.15	312.83
69	312.83	317.99
70	317.99	323.56
71	323.56	328.53
72	328.53	333.55
73	333.55	339.33
74	339.33	345.08
75	345.08	350.95
76	350.95	356.84
77	356.84	362.80
78	362.80	368.56
79	368.56	374.63
80	374.63	390.46
81	390.46	386.18
82	386.18	392.00
83	392.00	397.41
84	397.41	402.85
85	402.85	408.29
86	408.29	413.61
87	413.61	419.27
88	419.27	425.17
89	425.17	430.90
90	430.90	439.20
91	439.20	441.68
92	441.68	447.14
93	447.14	453.09
94	453.09	458.85
95	458.85	464.52
96	464.52	470.59
97	470.59	476.13
98	476.13	482.19
99	482.19	488.27
100	488.27	493.89
101	493.89	497.74

APPENDIX VIII

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

2012 Klaza Standard and Blank Results

Certificate	Sample #	Batch	Type	Gold (ppm)	Silver (ppm)	Pass/Fail	Rerun #1	Pass/Fail	Rerun #2	Pass/Fail
WH12170289	N813506	1	KLAZA 1	4.27	119	PASS				
WH12170289	N813515	1	BLANK	<0.005	0.02	PASS				
WH12170289	N813519	1	KLAZA 1	4.47	123	PASS				
WH12170289	N813524	1	BLANK	<0.005	0.04	PASS				
WH12170289	N813528	1	DUP	0.005	0.16	PASS				
WH12170289	N813532	1	COARSE	0.017	0.85	PASS				
WH12171400	N813597	2	KLAZA 2	2.41	25.8	PASS				
WH12171400	N813600	2	BLANK	<0.005	0.03	PASS				
WH12171400	N813610	2	COARSE	<0.005	0.1	PASS				
WH12171400	N813616	2	DUP	<0.005	0.14	PASS				
WH12171400	N813620	2	KLAZA 3	0.808	9.88	PASS				
WH12171400	N813629	2	BLANK	<0.005	0.06	PASS				
WH12171401	N813634	4	KLAZA 3	0.765	10	PASS				
WH12171401	N813643	4	DUP	0.005	0.4	PASS				
WH12171401	N813645	4	BLANK	<0.005	0.03	PASS				
WH12171401	N813650	4	COARSE	0.007	0.05	PASS				
WH12171401	N813652	4	BLANK	<0.005	<0.01	PASS				
WH12171401	N813658	4	KLAZA 2	2.27	24.4	PASS				
WH12133934	N828005	1	KLAZA 2	2.16	25	PASS				
WH12133934	N828008	1	DUP	0.006	0.72	PASS				
WH12133934	N828013	1	KLAZA 1	4.42	112	PASS				
WH12133934	N828017	1	BLANK	<0.005	0.02	PASS				
WH12133934	N828025	1	BLANK	<0.005	0.02	PASS				
WH12133934	N828033	1	BLANK	<0.005	0.03	PASS				
WH12133934	N828035	1	COARSE	<0.005	0.11	PASS				
WH12133935	N828040	2	KLAZA 1	4.42	116	PASS				
WH12133935	N828048	2	DUP	<0.005	0.19	PASS				
WH12133935	N828055	2	KLAZA 1	4.37	113	PASS				
WH12133935	N828058	2	COARSE	<0.005	0.15	PASS				
WH12133935	N828063	2	BLANK	<0.005	0.07	PASS				
WH12133935	N828069	2	BLANK	<0.005	0.02	PASS				
WH12133936	N828077	3	DUP	<0.005	0.09	PASS				
WH12133936	N828082	3	KLAZA 2	2.28	26.7	PASS				
WH12133936	N828092	3	COARSE	0.005	0.16	PASS				
WH12133936	N828100	3	BLANK	<0.005	0.02	PASS				
WH12133936	N828104	3	KLAZA 3	0.765	9.53	PASS				
WH12133936	N828108	3	BLANK	<0.005	0.03	PASS				
WH12133937	N828113	4	KLAZA 2	2.25	28.6	PASS				
WH12133937	N828120	4	DUP	0.049	1.14	PASS				
WH12133937	N828129	4	KLAZA 1	4.31	126	PASS				
WH12133937	N828131	4	BLANK	<0.005	0.03	PASS				
WH12133937	N828137	4	COARSE	<0.005	0.23	PASS				
WH12133937	N828143	4	BLANK	<0.005	0.03	PASS				
WH12133939	N828146	5	KLAZA 2	2.24	26	PASS				
WH12133939	N828153	5	BLANK	<0.005	<0.01	PASS				
WH12133939	N828159	5	DUP	0.007	0.65	PASS				
WH12133939	N828164	5	KLAZA 1	4.33	116	PASS				
WH12133939	N828172	5	COARSE	<0.005	0.06	PASS				
WH12133939	N828179	5	BLANK	<0.005	<0.01	PASS				
WH12133938	N828182	6	KLAZA 3	0.823	8.95	PASS				
WH12133938	N828188	6	BLANK	<0.005	0.01	PASS				
WH12133938	N828198	6	DUP	0.081	2.11	PASS				
WH12133938	N828204	6	BLANK	<0.005	0.08	PASS				
WH12133938	N828212	6	KLAZA 3	0.766	10.95	PASS				
WH12133938	N828215	6	COARSE	0.006	0.25	PASS				
WH12133974	N828220	7	DUP	<0.005	0.55	PASS				
WH12133974	N828225	7	DUP	<0.005	0.05	PASS				
WH12133974	N829004	7	BLANK	<0.005	0.05	PASS				
WH12133974	N829009	7	COARSE	0.006	0.19	PASS				

WH12133974	N829014	7	KLAZA 2	2.39	25	PASS			
WH12133974	N829019	7	BLANK	<0.005	0.01	PASS			
WH12133974	N829022	7	KLAZA 1	4.38	116	PASS			
WH12138694	N829031	8	DUP	<0.005	0.17	PASS			
WH12138694	N829037	8	COARSE	<0.005	0.09	PASS			
WH12138694	N829043	8	BLANK	<0.005	0.01	PASS			
WH12138694	N829048	8	BLANK	<0.005	0.01	PASS			
WH12138694	N829054	8	KLAZA 1	4.41	118	PASS			
WH12138694	N829058	8	KLAZA 3	0.73	8.75	PASS			
WH12138695	N829062	9	BLANK	0.011	0.39	PASS			
WH12138695	N829066	9	KLAZA 2	2.24	23.7	PASS			
WH12138695	N829072	9	DUP	0.013	0.61	PASS			
WH12138695	N829074	9	BLANK	<0.005	0.03	PASS			
WH12138695	N829082	9	COARSE	<0.005	0.09	PASS			
WH12138695	N829086	9	BLANK	<0.005	0.06	PASS			
WH12138695	N829091	9	KLAZA 1	4.51	118	PASS			
WH12138696	N829100	10	BLANK	0.007	0.14	PASS			
WH12138696	N829103	10	KLAZA 2	2.25	24.9	PASS			
WH12138696	N829109	10	COARSE	0.071	0.83	PASS			
WH12138696	N829111	10	BLANK	<0.005	0.01	PASS			
WH12138696	N829115	10	KLAZA 1	4.49	123	PASS			
WH12138696	N829121	10	DUP	<0.005	0.09	PASS			
WH12138697	N829133	11	KLAZA 3	0.76	9.47	PASS			
WH12138697	N829136	11	BLANK	<0.005	0.58	PASS			
WH12138697	N829139	11	DUP	0.053	1.45	PASS			
WH12138697	N829150	11	KLAZA 1	4.39	117	PASS			
WH12138697	N829152	11	BLANK	<0.005	0.01	PASS			
WH12138697	N829155	11	COARSE	<0.005	0.08	PASS			
WH12140555	N829455	1	KLAZA 2	2.04	24.3	PASS			
WH12140555	N829457	1	BLANK	<0.005	0.03	PASS			
WH12140555	N829465	1	BLANK	<0.005	0.01	PASS			
WH12140555	N829469	1	DUP	0.009	0.29	PASS			
WH12140555	N829472	1	KLAZA 2	2.12	26	PASS			
WH12140555	N829483	1	COARSE	0.019	0.44	PASS			
WH12140553	N829488	2	BLANK	<0.005	0.02	PASS			
WH12140553	N829492	2	KLAZA 1	4.59	119	PASS			
WH12140553	N829498	2	BLANK	<0.005	0.07	PASS			
WH12140553	N829504	2	KLAZA 3	0.783	10	PASS			
WH12140553	N829536	2	DUP						
WH12140553	N829520	2	COARSE	0.021	0.7	PASS			
WH12140554/WH12168576	N829524	3	BLANK	<0.005	0.02	PASS	<0.005	PASS	
WH12140554/WH12168576	N829527	3	KLAZA 1	4.44	122	PASS	4.37	PASS	
WH12140554/WH12168576	N829534	3	BLANK	<0.005	0.03	PASS	<0.005	PASS	
WH12140554/WH12168576	N829542	3	DUP	0.023	1.71	PASS	0.023	PASS	
WH12140554/WH12168576	N829549	3	KLAZA 1	1.865	27.1	FAIL	2.22	PASS	
WH12140554/WH12168576	N829555	3	COARSE	0.017	0.32	PASS	0.023	PASS	
WH12140552	N829564	4	BLANK	<0.005	0.24	PASS			
WH12140552	N829570	4	KLAZA 2	2.26	23.6	PASS			
WH12140552	N829579	4	DUP	0.016	0.35	PASS			
WH12140552	N829585	4	KLAZA 1	4.37	125	PASS			
WH12140552	N829590	4	COARSE	0.009	0.28	PASS			
WH12140552	N829592	4	BLANK	<0.0050	0.01	PASS			
WH12145811	N829599	5	KLAZA 1	4.72	116	PASS			
WH12145811	N829601	5	BLANK	<0.005	0.02	PASS			
WH12145811	N829610	5	DUP	0.008	0.24	PASS			
WH12145811	N829614	5	KLAZA 1	4.43	120	PASS			
WH12145811	N829617	5	BLANK	<0.005	0.03	PASS			
WH12145811	N829628	5	COARSE	0.08	0.8	PASS			
WH12145812	N829632	6	KLAZA 1	4.37	118	PASS			
WH12145812	N829635	6	BLANK	<0.005	0.22	PASS			
WH12145812	N829641	6	KLAZA 2	2.27	24.6	PASS			
WH12145812	N829651	6	DUP	0.009	0.25	PASS			

WH12145812	N829658	6	BLANK	<0.005		0.08	PASS		
WH12145812	N829663	6	COARSE	0.009		0.32	PASS		
WH12145813/WH12173677	N829671	7	KLAZA 1	4.36		151	FAIL	118	PASS
WH12145813/WH12173677	N829674	7	BLANK	<0.005		0.03	PASS	0.08	PASS
WH12145813/WH12173677	N829681	7	KLAZA 2	2.39		26.8	PASS	26.5	PASS
WH12145813/WH12173677	N829689	7	DUP	<0.005		0.27	PASS	0.19	PASS
WH12145813/WH12173677	N829696	7	BLANK	<0.005		0.11	PASS	0.04	PASS
WH12145813/WH12173677	N829702	7	COARSE	0.1		0.83	PASS	0.96	PASS
WH12145814	N829706	8	KLAZA 2	2.34		27.3	PASS		
WH12145814	N829710	8	BLANK	<0.005		0.11	PASS		
WH12145814	N829717	8	COARSE	0.005		0.36	PASS		
WH12145814	N829723	8	KLAZA 3	0.747		10.3	PASS		
WH12145814	N829726	8	BLANK	0.011		0.16	PASS		
WH12145814	N829734	8	DUP	0.007		0.33	PASS		
WH12139327	N828234	1	COARSE	0.006		0.25	PASS		
WH12139327	N828238	1	KLAZA 3	0.827		10.2	PASS		
WH12139327	N828241	1	BLANK	0.008		0.004	PASS		
WH12139327	N828248	1	KLAZA 1	4.5		120	PASS		
WH12139327	N828259	1	DUP	<0.005		0.14	PASS		
WH12139327	N828264	1	BLANK	<0.005		0.02	PASS		
WH12140558	N828273	2	BLANK	<0.005	<0.01		PASS		
WH12140558	N828276	2	KLAZA 1	4.46		117	PASS		
WH12140558	N828281	2	DUP	0.005		0.11	PASS		
WH12140558	N828284	2	KLAZA 3	0.803		8.86	PASS		
WH12140558	N828292	2	BLANK	<0.005		0.01	PASS		
WH12140558	N828299	2	COARSE	0.009		0.21	PASS		
WH12140557/WH12165527	N828304	3	DUP	0.02		1.12	PASS	0.88	PASS
WH12140557/WH12165527	N828309	3	BLANK	<0.005		0.13	PASS	0.02	PASS
WH12140557/WH12165527	N828312	3	COARSE	<0.005		0.21	PASS	0.15	PASS
WH12140557/WH12165527	N828318	3	KLAZA 3	0.725		12.15	FAIL	9.56	PASS
WH12140557/WH12165527	N828320	3	BLANK	<0.005		0.38	PASS	0.29	PASS
WH12140557/WH12165527	N828929	3	KLAZA 3	0.742		9.48	PASS	9.86	PASS
WH12142070	N828345	4	KLAZA 3	0.79		9.09	PASS		
WH12142071	N829165	1	DUP	<0.005		0.04	PASS		
WH12142071	N829168	1	KLAZA 2	2.06		24.7	PASS		
WH12142071	N829172	1	BLANK	<0.005		0.07	PASS		
WH12142071	N829181	1	COARSE	<0.005		0.2	PASS		
WH12142071	N829186	1	KLAZA 3	0.76		9.66	PASS		
WH12142071	N829190	1	BLANK	<0.005		0.08	PASS		
WH12145815/WH12168621	N829198	2	DUP	0.015		0.14	PASS	0.013	PASS
WH12145815/WH12168621	N829203	2	BLANK	<0.005		0.05	PASS	<0.005	PASS
WH12145815/WH12168621	N829207	2	KLAZA 3	0.76		10.75	PASS	0.785	PASS
WH12145815/WH12168621	N829211	2	COARSE	<0.005		0.63	PASS	<0.005	PASS
WH12145815/WH12168621	N829218	2	BLANK	<0.005		0.22	PASS	<0.005	PASS
WH12145815/WH12168621	N829221	2	KLAZA 2	1.37		25.9	FAIL	2.33	PASS
WH12145816/WH12188750	N829233	3	BLANK	<0.005		0.02	PASS	<0.005	PASS
WH12145816/WH12188750	N829237	3	DUP	0.019		0.46	PASS	0.018	PASS
WH12145816/WH12188750	N829241	3	KLAZA 2	2.33		26.1	PASS	2.33	PASS
WH12145816/WH12188750	N829245	3	BLANK	0.009		0.02	PASS	<0.005	PASS
WH12145816/WH12188750	N829252	3	KLAZA 1	3.72		118	FAIL	4.01	PASS
WH12145816/WH12188750	N829256	3	COARSE	<0.005		0.04	PASS	<0.005	PASS
WH12145817	N828267	4	BLANK	<0.005		0.04	PASS		
WH12145817	N829272	4	COARSE	<0.005		0.13	PASS		
WH12145817	N828276	4	DUP	<0.009		0.81	PASS		
WH12145817	N829283	4	KL-2	2.33		26.2	PASS		
WH12145817	N829285	4	KL-1	4.61		119	PASS		
WH12145817	N829288	4	BLANK	<0.005		0.33	PASS		
WH12145818	N829305	5	BLANK	<0.005		0.01	PASS		
WH12145818	N829308	5	COARSE	<0.005		0.11	PASS		
WH12145818	N829315	5	KLAZA 2	2.3		24.2	PASS		

WH12145818	N829318	5	BLANK	<0.005		0.01	PASS			
WH12145818	N829324	5	DUP	<0.005		0.4	PASS			
WH12145818	N829330	5	KLAZA 1	4.47		117	PASS			
WH12147075	N829341	6	DUP	<0.005		0.19	PASS			
WH12147075	N829344	6	BLANK	<0.005		0.05	PASS			
WH12147075	N829349	6	COARSE	<0.005		0.16	PASS			
WH12147075	N829363	6	KLAZA 2	2.23		24.7	PASS			
WH12147075	N829368	6	KLAZA 3	0.861		9.45	PASS			
WH12147075	N829372	6	BLANK	<0.005		0.01	PASS			
WH12147076	N829375	7	BLANK	<0.005		0.01	PASS			
WH12147076	N829380	7	DUP	<0.005		0.08	PASS			
WH12147076	N829384	7	KLAZA 2	2.24		25.7	PASS			
WH12147076	N829390	7	BLANK	<0.005	<0.001		PASS			
WH12147076	N829399	7	KLAZA 2	2.3		26.7	PASS			
WH12147076	N829404	7	COARSE	<0.005		0.04	PASS			
WH12147827	N829414	2	KLAZA 1	4.46		120	PASS			
WH12147827	N829419	2	BLANK	<0.005		0.01	PASS			
WH12147827	N829427	2	DUP	<0.005		3.91	PASS			
WH12147827	N829430	2	COARSE	<0.005		0.2	PASS			
WH12147827	N829433	2	KLAZA 2	2.34		27.1	PASS			
WH12147827	N829440	2	BLANK	<0.005		0.04	PASS			
WH12147828	M897053	3	KLAZA 1	4.58		125	PASS			
WH12147828	M897056	3	DUP	0.005		0.35	PASS			
WH12147828	M897060	3	COARSE	0.016		0.73	PASS			
WH12147828	M897063	3	KLAZA 1	4.55		126	PASS			
WH12147828	M897065	3	BLANK	<0.005		0.03	PASS			
WH12147828	M897068	3	BLANK	<0.005		0.14	PASS			
WH12147077/WH12168577	N828434	1	KLAZA 2	2.32		23.9	PASS	2.17	PASS	
WH12147077/WH12168577	N828445	1	BLANK	<0.005		0.01	PASS	<0.005	PASS	
WH12147077/WH12168577	N828447	1	DUP	<0.005		0.05	PASS	<0.005	PASS	
WH12147077/WH12168577	N828451	1	KLAZA 3	0.589		9.1	FAIL	0.821	PASS	
WH12147077/WH12168577	N828454	1	COARSE	0.008		0.18	PASS	0.007	PASS	
WH12147077/WH12168577	N828457	1	BLANK	<0.005		0.01	PASS	<0.005	PASS	
WH12147078/WH12173675	N828465	2	BLANK	<0.005	<0.01		PASS	0.01	PASS	
WH12147078/WH12173675	N828470	2	COARSE	<0.005		0.14	PASS	0.11	PASS	
WH12147078/WH12173675	N828476	2	KLAZA 2	2.24		24.9	PASS	25.1	PASS	
WH12147078/WH12173675	N828480	2	DUP	<0.005		0.12	PASS	0.08	PASS	
WH12147078/WH12173675	N828483	2	BLANK	0.005		0.02	PASS	0.02	PASS	
WH12147078/WH12173675	N828489	2	KLAZA 1	2.79		125	FAIL	4.53	PASS	
WH12147079	N828501	3	BLANK	<0.005		0.05	PASS			
WH12147079	N828506	3	KLAZA 3	0.749		9.92	PASS			
WH12147079	N828509	3	COARSE	0.03		1.66	PASS			
WH12147079	N828511	3	KLAZA 2	2.19		25.2	PASS			
WH12147079	N828517	3	DUP	<0.005		0.32	PASS			
WH12147079	N828521	3	BLANK	<0.005		0.02	PASS			
WH12147350	N828532	4	BLANK	<0.005		0.01	PASS			
WH12147350	N828534	4	KLAZA 2	2.33		26.7	PASS			
WH12147350	N828536	4	BLANK	<0.005		0.02	PASS			
WH12147350	N828538	4	COARSE	0.005		0.21	PASS			
WH12147350	N828540	4	KLAZA 3	0.768		10.05	PASS			
WH12147350	N828542	4	DUP	<0.005		0.12	PASS			
WH12147351/WH12188751	N828550	1	COARSE	0.015		0.54	PASS	0.013	PASS	
WH12147351/WH12188751	N828559	1	DUP	0.039		1.53	PASS	0.039	PASS	
WH12147351/WH12188751	N828561	1	KLAZA 1	4.51		118	PASS	4.39	PASS	
WH12147351/WH12188751	N828571	1	KLAZA 3	0.556		9.39	PASS	0.777	PASS	
WH12147351/WH12188751	N828574	1	BLANK	<0.005		0.04	PASS	<0.005	PASS	
WH12147829	N828585	2	COARSE	0.009		0.29	PASS			
WH12147829	N828590	2	BLANK	<0.005		0.13	PASS			
WH12147829	N828594	2	KLAZA 1	4.37		124	PASS			
WH12147829	N828596	2	BLANK	<0.005		0.1	PASS			
WH12147829	M897001	2	BLANK	<0.005		0.03	PASS			
WH12147829	M897007	2	DUP	0.006		0.25	PASS			

WH12147829	M897010	2	KLAZA 2	2.26	22.6	PASS
WH12148780	M897017	3	COARSE	<0.005	0.11	PASS
WH12148780	M897020	3	KLAZA 1	4.61	116	PASS
WH12148780	M897027	3	BLANK	<0.005	0.02	PASS
WH12148780	M897032	3	KLAZA 2	2.15	23.8	PASS
WH12148780	M897036	3	BLANK	<0.005	0.04	PASS
WH12148780	M897043	3	DUP	<0.005	0.4	PASS
WH12151246	M897054	4	BLANK	<0.005	0.12	PASS
WH12151246	M897060	4	KLAZA 2	2.32	24.4	PASS
WH12151246	M897066	4	DUP	<0.005	0.2	PASS
WH12151246	M897070	4	BLANK	<0.005	0.13	PASS
WH12151246	M897074	4	COARSE	0.023	0.56	PASS
WH12151246	M897082	4	KLAZA 3	0.77	9.26	PASS
WH12151247	N829740	1	KLAZA 2	2.31	24.6	PASS
WH12151247	N829746	1	BLANK	<0.005	0.06	PASS
WH12151247	N829803	1	BLANK	<0.005	0.06	PASS
WH12151247	N829809	1	COARSE	<0.005	0.02	PASS
WH12151247	N829816	1	DUP	<0.005	0.09	PASS
WH12151247	N829819	1	KLAZA 3	0.789	8.57	PASS
WH12151248	N829825	2	BLANK	<0.005	0.03	PASS
WH12151248	N829829	2	KLAZA 2	2.49	25.8	PASS
WH12151248	N829834	2	COARSE	<0.005	0.13	PASS
WH12151248	N829838	2	KLAZA 1	4.49	120	PASS
WH12151248	N829845	2	BLANK	<0.005	0.06	PASS
WH12151249	M897076	1	COARSE	0.021	1.46	PASS
WH12151249	M897081	1	BLANK	<0.005	0.01	PASS
WH12151249	M897084	1	KLAZA 1	4.49	121	PASS
WH12151249	M897086	1	BLANK	<0.0005	0.1	PASS
WH12151249	M897091	1	KLAZA 2	2.22	25.5	PASS
WH12151249	M897094	1	DUP	0.012	0.21	PASS
WH12151510	M897114	2	BLANK	<0.005	0.02	PASS
WH12151510	M897120	2	DUP	<0.005	0.13	PASS
WH12151510	M897124	2	KLAZA 2	2.34	25.8	PASS
WH12151510	M897132	2	BLANK	<0.005	0.01	PASS
WH12151510	M897137	2	COARSE	0.06	0.12	PASS
WH12151510	M897139	2	KLAZA 2	2.24	25.4	PASS
WH12151542	M897153	3	BLANK	<0.005	0.1	PASS
WH12151542	M897155	3	KLAZA 2	2.2	26	PASS
WH12151542	M897159	3	COARSE	<0.005	0.24	PASS
WH12151542	M897164	3	DUP	<0.005	0.29	PASS
WH12151542	M897166	3	BLANK	<0.005	0.1	PASS
WH12151542	M897170	3	KLAZA 1	4.35	123	PASS
WH12151543	M897185	4	BLANK	<0.005	0.02	PASS
WH12151543	M897189	4	COARSE	0.064	1.24	PASS
WH12151543	M897193	4	DUP	<0.005	0.17	PASS
WH12151543	M897197	4	KLAZA 2	2.16	27.5	PASS
WH12151543	M897202	4	KLAZA 2	2.39	23.4	PASS
WH12151543	M897209	4	BLANK	<0.005	0.01	PASS
WH12151544	M897218	5	DUP	<0.005	0.18	PASS
WH12151544	M897220	5	KLAZA 3	0.721	9.2	PASS
WH12151544	M897223	5	COARSE	<0.005	0.2	PASS
WH12151544	M897226	5	BLANK	<0.005	0.02	PASS
WH12151544	M897228	5	KLAZA 3	0.79	8.81	PASS
WH12151544	M897232	5	BLANK	<0.005	0.03	PASS
WH12155875	M895207	1	BLANK	<0.005	0.03	PASS
WH12155875	M895211	1	COARSE	<0.005	0.09	PASS
WH12155875	M895214	1	KLAZA 2	2.35	27.5	PASS
WH12155875	M895225	1	BLANK	<0.005	0.02	PASS
WH12155875	M895229	1	KLAZA 2	2.32	26.4	PASS
WH12155875	M895232	1	DUP	<0.005	0.08	PASS
WH12158890	M895240	2	BLANK	<0.005	0.03	PASS
WH12158890	M895246	2	BLANK	<0.005	0.01	PASS

WH12158890	M895259	2	DUP	<0.005		0.1	PASS		
WH12158890	M895262	2	KLAZA 2	2.21		25	PASS		
WH12158890	M895265	2	COARSE	<0.005		0.11	PASS		
WH12158890	M895271	2	KLAZA 2	2.23		24.2	PASS		
WH12158891	M895275	3	KLAZA 2	2.28		26	PASS		
WH12158891	M895281	3	BLANK	<0.005		0.01	PASS		
WH12158891	M895284	3	DUP	<0.005		0.15	PASS		
WH12158891	M895288	3	BLANK	<0.005		0.01	PASS		
WH12158891	M895302	3	KLAZA 2	2.31		26.7	PASS		
WH12158891	M895305	3	COARSE	<0.005		0.07	PASS		
WH12159038	M895314	4	KLAZA 2	2.35		23.8	PASS		
WH12159038	M895318	4	BLANK	<0.005		0.06	PASS		
WH12159038	M895325	4	BLANK	<0.005		0.06	PASS		
WH12159038	M895330	4	KLAZA 2	2.33		205.9	PASS		
WH12159038	M895333	4	DUP	<0.005		0.18	PASS		
WH12159038	M895338	4	COARSE	<0.005		0.06	PASS		
WH12159039	M895353	5	KLAZA 3	0.812		10	PASS		
WH12159039	M895356	5	DUP	<0.005		0.04	PASS		
WH12159039	M895361	5	BLANK	<0.005		0.02	PASS		
WH12159039	M895370	5	COARSE	<0.005		0.08	PASS		
WH12159039	M895373	5	KLAZA 1	4.6		120	PASS		
WH12159039	M895377	5	BLANK	<0.005		0.02	PASS		
WH12159050	M895387	6	KLAZA 3	0.792		9.67	PASS		
WH12159050	M895390	6	DUP	<0.005		0.08	PASS		
WH12159050	M895394	6	BLANK	<0.005		0.01	PASS		
WH12159050	M895401	6	COARSE	<0.005		0.08	PASS		
WH12159050	M895405	6	BLANK	<0.005		0.02	PASS		
WH12159050	M895415	6	KLAZA 3	0.755		9.5	PASS		
WH12159058	M895423	7	KLAZA 2	2.34		24.8	PASS		
WH12159058	M895426	7	BLANK	<0.005		0.06	PASS		
WH12159058	M895430	7	COARSE	<0.005		0.08	PASS		
WH12159058	M895442	7	KLAZA 2	2.3		25.2	PASS		
WH12159058	M895447	7	BLANK	<0.005		0.03	PASS		
WH12159058	M895451	7	DUP	<0.005		0.24	PASS		
WH12159059	M895456	8	DUP	<0.005		0.03	PASS		
WH12159059	M895465	8	KLAZA 2	2.39		24.3	PASS		
WH12159059	M895470	8	BLANK	<0.005		0.02	PASS		
WH12159059	M895475	8	COARSE	<0.005		0.15	PASS		
WH12159059	M895484	8	KLAZA 3	0.777		9.26	PASS		
WH12159059	M895488	8	BLANK	<0.005		0.05	PASS		
WH12163810	M895493	9	KLAZA 3	0.747		9.86	PASS		
WH12163810	M895498	9	BLANK	<0.005		0.01	PASS		
WH12163810	M895503	9	DUP	<0.005		0.04	PASS		
WH12163810	M895507	9	COARSE	<0.005		0.06	PASS		
WH12163810	M895510	9	KLAZA 3	0.821		9.27	PASS		
WH12163810	M895514	9	BLANK	<0.005		0.01	PASS		
WH12155876	N829861	1	KLAZA 2	2.35		24.4	PASS		
WH12155876	N829867	1	DUP	<0.005		0.13	PASS		
WH12155876	N829872	1	KLAZA 3	0.844		9.37	PASS		
WH12155876	N829877	1	BLANK	0.05		0.03	PASS		
WH12155876	N829882	1	BLANK	<0.005		0.01	PASS		
WH12155876	N829887	1	COARSE	<0.005		0.14	PASS		
WH12155877	N829895	2	BLANK	<0.005	<0.01		PASS		
WH12155877	N828803	2	BLANK	<0.005		0.38	PASS		
WH12155877	N828809	2	DUP	0.099		0.84	PASS		
WH12155877	N828814	2	KLAZA 3	0.796		10.3	PASS		
WH12155877	N828819	2	COARSE	<0.005		0.11	PASS		
WH12155877	N828823	2	KLAZA 2	2.27		27.4	PASS		
WH12158892/WH12173676	N828834	3	COARSE				PASS	<0.005	PASS
WH12158892/WH12173676	N828838	3	KLAZA 3				PASS	0.777	PASS
WH12158892/WH12173676	N828842	3	DUP				PASS	<0.005	PASS
WH12158892/WH12173676	N828847	3	BLANK				PASS	<0.005	PASS

WH12158892/WH12173676	N828854	3	BLANK				PASS	<0.005	PASS	
WH12158892/WH12173676	N828859	3	KLAZA 2	2.5		24.5	FAIL	2.36	PASS	
WH12158893	N828867	4	COARSE	<0.005		0.29	PASS			
WH12158893	N828875	4	BLANK	<0.005		0.04	PASS			
WH12158893	N828878	4	DUP	<0.005		0.21	PASS			
WH12158893	N828880	4	KLAZA 2	2.26		24.7	PASS			
WH12158893	N828886	4	BLANK	<0.005		0.03	PASS			
WH12158893	N828890	4	KLAZA 2	2.21		24.3	PASS			
WH12164243	N828762	5	KLAZA 3	0.766		9.08	PASS			
WH12151545	M899090	1	COARSE	0.067		1.69	PASS			
WH12151545	M899094	1	KLAZA 2	2.23		23.8	PASS			
WH12151545	M899101	1	KLAZA 2	2.24		24.9	PASS			
WH12151545	M899113	1	BLANK	<0.005		0.02	PASS			
WH12151545	M899115	1	DUP	0.017		0.63	PASS			
WH12151545	M899121	1	BLANK	<0.005		0.01	PASS			
WH12151546	M899128	2	KLAZA 1	4.47		116	PASS			
WH12151546	M899130	2	BLANK	<0.005		0.11	PASS			
WH12151546	M899135	2	DUP	<0.005		0.11	PASS			
WH12151546	M899140	2	BLANK	<0.005		0.04	PASS			
WH12151546	M899148	2	COARSE	0.027		0.33	PASS			
WH12151546	M899151	2	KLAZA 1	4.26		116	PASS			
WH12151547	M899166	3	KLAZA 2	2.12		23.2	PASS			
WH12151547	M899177	3	DUP	0.005		0.22	PASS			
WH12151547	M899180	3	BLANK	<0.005		0.02	PASS			
WH12151547	M899183	3	COARSE	0.054		0.4	PASS			
WH12151547	M899189	3	KLAZA 2	2.18		24.8	PASS			
WH12151547	M899191	3	BLANK	<0.005		0.02	PASS			
WH12151548	M899197	4	KLAZA 1	4.2		117	PASS			
WH12151548	M899199	4	DUP	0.413		41.5	PASS			
WH12151548	M899207	4	BLANK	<0.005		0.1	PASS			
WH12151548	M899214	4	COARSE	<0.005		0.12	PASS			
WH12151548	M899223	4	KLAZA 3	0.832		10.1	PASS			
WH12151548	M899230	4	BLANK	<0.005	<0.01		PASS			
WH12155878	M897248	1	BLANK	<0.005		0.02	PASS		*High Au	
WH12155878	M897250	1	KLAZA 3	0.769		10.1	PASS			
WH12155878	M897402	1	DUP	0.008		0.32	PASS			
WH12155878	M897406	1	BLANK	<0.005		0.03	PASS			
WH12155878	M897408	1	COARSE	0.009		0.9	PASS			
WH12155878	M897411	1	KLAZA 3	0.767		10.45	PASS			
WH12155879	M897425	2	BLANK	<0.005		0.01	PASS			
WH12155879	M897429	2	BLANK	<0.005		0.02	PASS			
WH12155879	M897433	2	DUP	0.008		0.29	PASS			
WH12155879	M897437	2	KLAZA 2	2.23		24.3	PASS			
WH12155879	M897445	2	KLAZA 3	0.828		10.25	PASS			
WH12155879	M897451	2	COARSE	0.005		0.3	PASS			
WH12158894/WH12177505	M897465	3	BLANK	<0.005		0.05	PASS	<0.005	PASS	
WH12158894/WH12177505	M897467	3	KLAZA 2	0.123		25.9	FAIL	2.247	PASS	
WH12158894/WH12177505	M897472	3	COARSE	<0.005		0.09	PASS	<0.005	PASS	
WH12158894/WH12177505	M897475	3	KLAZA 3	0.754		9.63	PASS	0.781	PASS	
WH12158894/WH12177505	M897480	3	BLANK	<0.005		0.02	PASS	<0.005	PASS	
WH12158894/WH12177505	M897482	3	DUP	0.024		0.46	PASS	0.022	PASS	
WH12158895/WH12178649	M897497	4	DUP	0.026		1.03	PASS		PASS	
WH12158895/WH12178649	M897503	4	KLAZA 1	4.37		119	PASS	4.45	PASS	
WH12158895/WH12178649	M897505	4	BLANK	<0.005		0.05	PASS		PASS	
WH12158895/WH12178649	M897508	4	BLANK	<0.005		0.05	PASS		PASS	
WH12158895/WH12178649	M897515	4	COARSE	<0.005		0.39	PASS		PASS	
WH12158895/WH12178649	M897518	4	KLAZA 3	0.495		10.1	FAIL	0.782	PASS	
WH12158896	M899241	1	DUP	<0.005		0.19	PASS			
WH12158896	M899245	1	KLAZA 1	4.61		124	PASS			
WH12158896	M899250	1	BLANK	<0.005		0.09	PASS			
WH12158896	M899255	1	KLAZA 2	2.35		24	PASS			
WH12158896	M899258	1	BLANK	<0.005		0.05	PASS			

WH12158896	M899262	1	COARSE	<0.005		0.15	PASS			
WH12158897	M899270	2	COARSE	<0.005		0.16	PASS			
WH12158897	M899276	2	DUP	0.007		0.56	PASS			
WH12158897	M899288	2	KLAZA 2	2.36		22.7	PASS			
WH12158897	M899293	2	BLANK	<0.005		0.02	PASS			
WH12158897	M899297	2	BLANK	<0.005		0.03	PASS			
WH12158897	M899299	2	KLAZA 1	4.58		117	PASS			
WH12158898	M899311	3	COARSE	0.02		0.37	PASS			
WH12158898	M899316	3	BLANK	<0.005		0.04	PASS			
WH12158898	M899320	3	KLAZA 2	2.19		23.7	PASS			
WH12158898	M899325	3	KLAZA 1	4.2		117	PASS			
WH12158898	M899333	3	DUP	0.092		0.6	PASS			
WH12158898	M899335	3	BLANK	<0.005	<0.01		PASS			
WH12158899	M899342	4	DUP	0.011		0.27	PASS			
WH12158899	M899347	4	BLANK	<0.005		0.01	PASS			
WH12158899	M899352	4	KLAZA 1	4.59		121	PASS			
WH12158899	M899354	4	BLANK	<0.005		0.03	PASS			
WH12158899	M899357	4	COARSE	0.011		0.39	PASS			
WH12158899	M899371	4	KLAZA 1	2.35		27.7	PASS			
WH12159051	M897525	1	BLANK	<0.005		0.02	PASS			
WH12159051	M897531	1	DUP	0.026		0.31	PASS			
WH12159051	M897535	1	KLAZA 2	2.3		24	PASS			
WH12159051	M897541	1	KLAZA 1	4.64		115	PASS			
WH12159051	M897543	1	BLANK	0.005		0.5	PASS			
WH12159051	M897549	1	COARSE	<0.005		0.14	PASS			
WH12159052	M897264	2	BLANK	<0.005		0.02	PASS			
WH12159052	M897268	2	BLANK	<0.005		0.01	PASS			
WH12159052	M897273	2	COARSE	<0.005		0.22	PASS			
WH12159052	M897275	2	DUP	0.011		0.49	PASS			
WH12159052	M897280	2	KLAZA 3	0.825		10.25	PASS			
WH12159052	M897284	2	KLAZA 3	0.805		10.6	PASS			
WH12159053	M897298	3	KLAZA 3	0.841		9.14	PASS			
WH12159053	M897302	3	BLANK	<0.005		0.02	PASS			
WH12159053	M897306	3	BLANK	<0.005		0.02	PASS			
WH12159053	M897311	3	COARSE	<0.005		0.06	PASS			
WH12159053	M897317	3	DUP	<0.005		0.05	PASS			
WH12159053	M897329	3	KLAZA 3	0.817		9.46	PASS			
WH12159380	M897332	4	BLANK	<0.005		0.18	PASS			
WH12159380	M897334	4	KLAZA 2	2.33		25.7	PASS			
WH12159380	M897338	4	BLANK	<0.005		0.02	PASS			
WH12159380	M897342	4	COARSE	0.066		0.08	PASS			
WH12159380	M897345	4	DUP	<0.005		0.09	PASS			
WH12159380	M897348	4	KLAZA 2	2.26		25	PASS			
WH12159054	M899755	1	KLAZA 3	0.823		9.45	PASS			
WH12159054	M899759	1	BLANK	<0.005		0.01	PASS			
WH12159054	M899764	1	DUP	0.031		0.71	PASS			
WH12159054	M899777	1	COARSE	0.006		0.14	PASS			
WH12159054	M899783	1	KLAZA 1	3.99		118	PASS			
WH12159054	M899785	1	BLANK	<0.005		0.1	PASS			
WH12159381	M899789	2	KLAZA 2	2.36		24.9	PASS			
WH12159381	M899791	2	BLANK	<0.005		0.06	PASS			
WH12159381	M899797	2	DUP	0.016		1.26	PASS			
WH12159381	M899811	2	COARSE	0.006		0.19	PASS			
WH12159381	M899814	2	KLAZA 2	2.32		24.6	PASS			
WH12159381	M899818	2	BLANK	<0.005		0.19	PASS			
WH12163811/WH12186009	M899829	3	COARSE	0.012		0.65	PASS	0.018	PASS	
WH12163811/WH12186009	M899832	3	KLAZA 1	3.66		127	FAIL	4.47	PASS	
WH12163811/WH12186009	M899837	3	BLANK	<0.005		0.06	PASS	<0.005	PASS	
WH12163811/WH12186009	M899845	3	KLAZA 2	2.22		24.3	PASS	2.35	PASS	
WH12163811/WH12186009	M899852	3	DUP	0.029		0.57	PASS	0.028	PASS	
WH12163811/WH12186009	M899855	3	BLANK	<0.005		0.04	PASS	<0.005	PASS	
WH12163812	M899861	4	KLAZA 2	2.29		24.7	PASS			

WH12163812	M899863	4	BLANK	<0.005	0.02	PASS			
WH12163812	M899868	4	DUP	0.017	2.12	PASS			
WH12163812	M899880	4	KLAZA 1	4.54	122	PASS			
WH12163812	M899894	4	BLANK	<0.005	0.02	PASS			
WH12163812	M899890	4	COARSE	0.143	1.45	PASS			
WH12163813	M899898	5	BLANK	<0.005	0.07	PASS			
WH12163813	M899655	5	BLANK	<0.005	0.07	PASS			
WH12163813	M899661	5	KLAZA 2	2.22	24.1	PASS			
WH12163813	M899667	5	DUP	0.015	0.85	PASS			
WH12163813	M899672	5	KLAZA 2	2.36	25.1	PASS			
WH12163813	M899678	5	COARSE	0.017	0.53	PASS			
WH12171402	M899684	6	KLAZA 3	0.757	10	PASS			
WH12171402	M899689	6	COARSE	0.009	0.33	PASS			
WH12171402	N813541	6	BLANK	<0.005	0.02	PASS			
WH12171402	N813545	6	KLAZA 1	4.34	123	PASS			
WH12171402	N813551	6	BLANK	<0.005	0.04	PASS			
WH12171402	N813558	6	DUP	<0.005	0.13	PASS			
WH12159382	M899390	1	KLAZA 2	2.25	26.4	PASS			
WH12159382	M899392	1	DUP	<0.005	0.37	PASS			
WH12159382	M899398	1	BLANK	<0.005	0.15	PASS			
WH12159382	M899401	1	COARSE	0.015	0.22	PASS			
WH12159382	M899405	1	KLAZA 3	0.783	9.2	PASS			
WH12159382	M899408	1	BLANK	<0.005	0.02	PASS			
WH12159383	M899418	2	DUP	0.168	0.58	PASS			
WH12159383	M899423	2	BLANK	<0.005	0.09	PASS			
WH12159383	M899427	2	KLAZA 3	0.828	9.76	PASS			
WH12159383	M899433	2	BLANK	<0.005	0.09	PASS			
WH12159383	M899438	2	COARSE	0.068	0.48	PASS			
WH12159383	M899440	2	KLAZA 2	2.28	23.8	PASS			
WH12159384/WH12207426	M899448	3	BLANK	<0.005	0.05	PASS	<0.005	PASS	
WH12159384/WH12207426	M899452	3	DUP	0.044	0.22	PASS		PASS	
WH12159384/WH12207426	M899455	3	KLAZA 2	1.435	24.1	FAIL	2.37	PASS	
WH12159384/WH12207426	M899466	3	COARSE	0.073	0.32	PASS		PASS	
WH12159384/WH12207426	M899471	3	BLANK	<0.005	0.04	PASS	<0.005	PASS	
WH12159384/WH12207426	M899478	3	KLAZA 3	0.764	9.28	PASS	0.775	PASS	
WH12159385	M899484	4	KLAZA 3	0.783	9.75	PASS			
WH12159385	M899487	4	BLANK	<0.005	0.01	PASS			
WH12159385	M899490	4	DUP	<0.005	0.17	PASS			
WH12159385	M899494	4	COARSE	0.033	0.09	PASS			
WH12159385	M899498	4	KLAZA 3	0.784	9.87	PASS			
WH12159385	M899502	4	BLANK	<0.005	0.02	PASS			
WH12164244	M897359	1	COARSE	<0.005	0.12	PASS			
WH12164244	M897364	1	KLAZA 2	2.28	25.7	PASS			
WH12164244	M897366	1	DUP	<0.005	0.13	PASS			
WH12164244	M897369	1	BLANK	<0.005	0.01	PASS			
WH12164244	M897373	1	KLAZA 2	2.25	25	PASS			
WH12164244	M897377	1	BLANK	<0.005	0.02	PASS			
WH12164245	M897391	2	KLAZA 2	2.31	25.4	PASS			
WH12164245	M897395	2	BLANK	<0.005	0.01	PASS			
WH12164245	M897399	2	COARSE	<0.005	0.49	PASS			
WH12164245	M899705	2	KLAZA 2	2.17	24.7	PASS			
WH12164245	M899709	2	BLANK	<0.005	0.07	PASS			
WH12164245	M899719	2	DUP	0.018	0.19	PASS			
WH12165409	M899728	3	BLANK	<0.005	0.03	PASS			
WH12165409	M899733	3	BLANK	<0.005	0.06	PASS			
WH12165409	M899738	3	KLAZA 2	2.15	23.9	PASS			
WH12165409	M899745	3	COARSE	0.014	0.39	PASS			
WH12165409	M899749	3	KLAZA 3	0.772	10.2	PASS			
WH12165409	N810403	3	DUP	0.023	0.14	PASS			
WH12164246	N810415	4	DUP	0.011	0.32	PASS			
WH12164246	N810419	4	COARSE	0.038	0.74	PASS			
WH12164246	N810422	4	KLAZA 1	4.52	114	PASS			

WH12164246	N810430	4	BLANK	<0.005	0.02	PASS
WH12164246	N810436	4	KLAZA 1	4.36	122	PASS
WH12164246	N810443	4	BLANK	<0.005	0.18	PASS
WH12167651	N810457	5	DUP	<0.005	0.15	PASS
WH12167651	N810460	5	KLAZA 1	4.42	125	PASS
WH12167651	N810465	5	BLANK	<0.005	0.04	PASS
WH12167651	N810472	5	COARSE	0.009	0.2	PASS
WH12167651	N810475	5	KLAZA 1	4.39	123	PASS
WH12167651	N810480	5	BLANK	0.006	0.1	PASS
WH12170280	N810484	6	KLAZA 2	2.44	25	PASS
WH12170280	N810488	6	BLANK	<0.005	0.02	PASS
WH12170280	N810490	6	KLAZA 1	4.63	114	PASS
WH12170280	N810500	6	BLANK	<0.005	0.04	PASS
WH12170280	N810511	6	DUP	0.006	0.1	PASS
WH12170280	N810514	6	BLANK	0.005	0.14	PASS
WH12171403	N810521	7	KLAZA 2	2.29	24.6	PASS
WH12171403	N810525	7	DUP	0.001	0.06	PASS
WH12171403	N810533	7	BLANK	<0.005	0.04	PASS
WH12163814	M899520	1	BLANK	<0.005	0.01	PASS
WH12163814	M899522	1	KLAZA 2	2.3	25.5	PASS
WH12163814	M899526	1	KLAZA 3	0.77	9.5	PASS
WH12163814	M899528	1	DUP	<0.005	0.24	PASS
WH12163814	M899532	1	COARSE	0.009	0.24	PASS
WH12163814	M899542	1	BLANK	<0.005	0.01	PASS
WH12163815	M899550	2	BLANK	<0.005	0.01	PASS
WH12163815	M899554	2	DUP	0.012	0.22	PASS
WH12163815	M899556	2	CDN-ME-1	1.365	33.9	PASS
WH12163815	M899567	2	Coarse rej	0.011	0.28	PASS
WH12163815	M899572	2	BLANK	<0.005	0.12	PASS
WH12163815	M899575	2	CDN-ME-1	1.39	33.9	PASS
WH12164247	M899585	3	BLANK	<0.005	0.09	PASS
WH12164247	M899587	3	CDN-ME-1	1.285	34.1	PASS
WH12164247	M899590	3	COARSE	0.009	0.24	PASS
WH12164247	M899594	3	CDN-ME-1	1.255	33.8	PASS
WH12164247	M899601	3	BLANK	<0.005	0.02	PASS
WH12164247	M899616	3	DUP	0.01	0.14	PASS
WH12167652	N813002	1	KL-STD-2	2.41	24	PASS
WH12167652	N813009	1	BLANK	<0.005	0.01	PASS
WH12167652	N813015	1	Coarse rej	<0.005	0.09	PASS
WH12167652	N813019	1	KL-STD-2	2.15	25.7	PASS
WH12167652	N813024	1	BLANK	<0.005	0.01	PASS
WH12167652	N813030	1	DUP	<0.005	0.03	PASS
WH12167653	N813040	2	KL-STD-3	0.815	10.1	PASS
WH12167653	N813044	2	DUP	<0.005	0.78	PASS
WH12167653	N813046	2	BLANK	<0.005	0.04	PASS
WH12167653	N813054	2	KL-STD-2	2.39	24	PASS
WH12167653	N813059	2	BLANK	<0.005	0.08	PASS
WH12170281	N813073	3	KL-STD-2	2.28	24.9	PASS
WH12170281	N813078	3	BLANK	<0.005	0.1	PASS
WH12170281	N813087	3	DUP	<0.005	0.07	PASS
WH12170281	N813091	3	KL-STD-2	2.18	24.6	PASS
WH12170281	N813095	3	BLANK	<0.005	0.02	PASS
WH12170281	N813102	3	Coarse rej	<0.005	0.08	PASS
WH12170282	N813109	4	KL-STD-2	2.37	25	PASS
WH12170282	N813111	4	BLANK	<0.005	0.02	PASS
WH12170282	N813121	4	Coarse rej	<0.005	0.09	PASS
WH12170282	N813126	4	KL-STD-3	0.774	9.27	PASS
WH12170282	N813132	4	DUP	<0.005	0.07	PASS
WH12170282	N813137	4	BLANK	<0.005	0.01	PASS
WH12170283	N813149	5	Kl-STD-2	2.21	26.3	PASS
WH12170283	N813153	5	BLANK	<0.005	0.08	PASS
WH12170283	N813163	5	KLAZA 3	0.769	9.62	PASS

WH12170283	N813167	5	DUP	<0.005	0.07	PASS					
WH12170283	N813170	5	BLANK	<0.005	0.02	PASS					
WH12170283	N813177	5	COARSE F	<0.005	0.07	PASS					
WH12170284	N813186	6	KLAZA 3	0.8	9.55	PASS					
WH12170284	N813188	6	COARSE	<0.005	0.01	PASS					
WH12170284	N813195	6	BLANK	<0.005	0.01	PASS					
WH12170284	N813201	6	KLAZA 3	0.816	9.93	PASS					
WH12170284	N813203	6	DUP	<0.005	0.04	PASS					
WH12170284	N813208	6	BLANK	<0.005	0.01	PASS					
WH12170285	N813217	7	KLAZA 1	4.37	121	PASS					
WH12170285	N813226	7	BLANK	<0.005	0.12	PASS					
WH12170285	N813233	7	BLANK	<0.005	0.03	PASS					
WH12170285	N813237	7	DUP	<0.005	0.11	PASS					
WH12170285	N813241	7	COARSE	<0.005	0.1	PASS					
WH12170285	N811129	7	KLAZA 3	0.761	9.2	PASS					
WH12170286	N811138	8	BLANK	<0.005	0.02	PASS					
WH12170286	N811145	8	COARSE	<0.005	0.38	PASS					
WH12170286	N811148	8	KLAZA 3	0.764	9.24	PASS					
WH12170286	N811155	8	DUP	<0.005	0.22	PASS					
WH12170286	N811157	8	BLANK	<0.005	0.02	PASS					
WH12164248/WH12207427	M899620	1	DUP	<0.005	0.04	PASS	<0.005	PASS			
WH12164248/WH12207427	M899625	1	KLAZA 3	0.6	9.07	PASS	0.793	PASS			
WH12164248/WH12207427	M899638	1	KLAZA 3	0.843	10.2	PASS	0.756	PASS			
WH12164248/WH12207427	M899643	1	BLANK	<0.005	0.08	PASS	<0.005	PASS			
WH12164248/WH12207427	M899647	1	BLANK	<0.005	0.1	PASS	<0.005	PASS			
WH12164248/WH12207427	M899650	1	COARSE	0.016	0.2	PASS	0.014	PASS			
WH12167655	N810010	2	KLAZA 1	4.33	123	PASS					
WH12167655	N810017	2	BLANK	<0.005	0.02	PASS					
WH12167655	N810023	2	DUP	0.033	0.85	PASS					
WH12167655	N810027	2	KLAZA 3	0.787	9.78	PASS					
WH12167655	N810034	2	COARSE	<0.005	0.14	PASS					
WH12167655	N810037	2	BLANK	<0.005	0.03	PASS					
WH12167656	N810041	3	KLAZA 2	2.3	24.2	PASS					
WH12167656	N810049	3	BLANK	<0.005	0.03	PASS					
WH12167656	N810053	3	COARSE	<0.005	0.12	PASS					
WH12167656	N810059	3	KLAZA 3	0.783	9.86	PASS					
WH12167656	N810069	3	BLANK	<0.005	0.03	PASS					
WH12167656	N810072	3	DUP	0.11	0.21	PASS					
WH12167657	N810076	4	KLAZA 2	2.19	25.2	PASS					
WH12167657	N810081	4	DUP	<0.005	0.38	PASS					
WH12167657	N810086	4	BLANK	<0.005	0.05	PASS					
WH12167657	N810092	4	COARSE	<0.005	0.12	PASS					
WH12167657	N810095	4	KLAZA 2	2.37	24.8	PASS					
WH12167657	N810100	4	BLANK	<0.005	0.01	PASS					
WH12170287/WH12194310	N810119	5	DUP	<0.005	0.1	PASS	<0.005	PASS	<0.005	PASS	
WH12170287/WH12194310	N810123	5	KLAZA 3	0.914	9.31	FAIL	0.779	FAIL	0.779	PASS	
WH12170287/WH12194310	N810125	5	COARSE	<0.005	0.07	PASS	<0.005	PASS	<0.005	PASS	
WH12170287/WH12194310	N810130	5	KLAZA 1	4.46	115	PASS	4.49	PASS	4.49	PASS	
WH12170287/WH12194310	N810136	5	BLANK	<0.005	0.14	PASS	<0.005	PASS	<0.005	PASS	
WH12170287/WH12194310	N810138	5	BLANK	<0.005	0.14	PASS	<0.005	PASS	<0.005	PASS	
WH12170288	N810147	6	KLAZA 3	0.739	9.87	PASS					
WH12170288	N810155	6	KLAZA 2	2.29	25.2	PASS					
WH12170288	N810158	6	DUP	0.008	0.41	PASS					
WH12170288	N810162	6	BLANK	<0.005	0.04	PASS					
WH12170288	N810168	6	COARSE	<0.005	0.17	PASS					
WH12170288	N810172	6	BLANK	<0.005	0.04	PASS					
WH12171404	N810185	1	KLAZA 3	0.735	9.14	PASS					
WH12171404	N810190	1	BLANK	<0.005	0.02	PASS					
WH12164243	M895529	5	BLANK	<0.005	0.01	PASS					
WH12164243	M895534	5	DUP	<0.005	0.75	PASS					
WH12164243	M895537	5	COARSE	0.078	0.07	PASS					
WH12164243	M895544	5	BLANK	<0.005	0.01	PASS					

WH12164243	M895547	5	KLAZA 3	0.819		10.35	PASS			
WH12164249	N811001	1	Switched ta	<0.005		0.26	PASS			
WH12164249	N811004	1	KLAZA 2	2.37		24.5	PASS			
WH12164249	N811008	1	BLANK	<0.005		0.21	PASS			
WH12164249	N811013	1	COARSE	<0.005		0.03	PASS			
WH12164249	N811015	1	KLAZA 3	0.776		8.85	PASS			
WH12164249	N811019	1	BLANK	<0.005		0.05	PASS			
WH12164249	N811026	1	DUP	0.009		0.37	PASS			
WH12167658	N811038	2	COARSE	<0.005		0.08	PASS			
WH12167658	N811042	2	KLAZA 1	4.55		128	PASS			
WH12167658	N811046	2	BLANK	0.005		0.27	PASS			
WH12167658	N811057	2	KLAZA 1	4.48		123	PASS			
WH12167658	N811062	2	BLANK	<0.005		0.02	PASS			
WH12167658	N811068	2	DUP	0.006		0.39	PASS			
WH12167659	N811080	3	KLAZA 2	2.31		24.3	PASS			
WH12167659	N811085	3	BLANK	<0.005	<0.001		PASS			
WH12167659	N811092	3	COARSE	<0.005		0.12	PASS			
WH12167659	N811098	3	KLAZA 2	2.31		24.3	PASS			
WH12167659	N811102	3	BLANK	<0.005	<0.01		PASS			
WH12167659	N811104	3	DUP	<0.005		0.2	PASS			
WH12186245	N811110	4	BLANK	<0.005		0.02	PASS			
WH12186245	N811118	4	KLAZA 3	0.784		10.1	PASS			
WH12186245	N811125	4	COARSE	<0.005		0.09	PASS			
WH12171404	N810185	1	KLAZA 3	0.735		9.14	PASS			
WH12171404	N810190	1	BLANK	<0.005		0.02	PASS			
WH12171404	N810202	1	KLAZA 3	0.805		9.18	PASS			
WH12171404	N810206	1	COARSE	<0.005		0.1	PASS			
WH12171404	N810212	1	BLANK	<0.005		0.02	PASS			
WH12171405	N810222	2	KLAZA 2	2.3		26.2	PASS			
WH12171405	N810228	2	BLANK	<0.005		0.04	PASS			
WH12171405	N810236	2	BLANK	<0.005		0.08	PASS			
WH12171405	N810246	2	DUP	<0.005		0.11	PASS			
WH12171405	N810250	2	KLAZA 3	0.78		9.82	PASS			
WH12171405	N810252	2	COARSE	0.009		0.46	PASS			
WH12174481	N810256	4	KLAZA 2	2.28		25.9	PASS			
WH12174481	N810259	4	BLANK	<0.005		0.02	PASS			
WH12174481	N810261	4	COARSE	<0.005		0.11	PASS			
WH12171403	N810541	7	KLAZA 1	4.39		120	PASS			
WH12171403	N810545	7	BLANK	<0.005		0.02	PASS			
WH12171403	N810555	7	COARSE	<0.005		0.05	PASS			
WH12171406	N810557	1	KLAZA 1	4.33		119	PASS			
WH12171406	N810563	1	BLANK	<0.005	<0.01		PASS			
WH12171406	N810572	1	DUP	<0.005		0.02	PASS			
WH12171406	N810574	1	BLANK	<0.005	<0.01		PASS			
WH12171406	N810579	1	KLAZA 1	4.25		116	PASS			
WH12171406	N810586	1	COARSE	<0.005		0.04	PASS			
WH12174482	N810593	2	DUP	<0.005		0.09	PASS			
WH12174482	N810602	2	COARSE	<0.005		0.07	PASS			
WH12174482	N810607	2	KLAZA 1	4.32		119	PASS			
WH12174482	N810612	2	BLANK	<0.005		0.01	PASS			
WH12174482	N810615	2	KLAZA 2	2.42		26.2	PASS			
WH12174482	N810621	2	BLANK	<0.005		0.01	PASS			
WH12174485	N810628	3	KLAZA 1	4.68		118	PASS			
WH12174485	N810632	3	BLANK	<0.005		0.01	PASS			
WH12174485	N810635	3	DUP	<0.005		0.1	PASS			
WH12174485	N810641	3	BLANK	<0.005		0.11	PASS			
WH12174485	N810647	3	COARSE	<0.005		0.09	PASS			
WH12174485	N810653	3	KLAZA 1	4.4		119	PASS			
WH12176321/WH12219776	N810664	4 (5)	KLAZA 1	4.16		97.8	FAIL	114	PASS	PASS
WH12176321/WH12219776	N810668	4 (5)	DUP	<0.005		0.16	PASS	0.08	PASS	PASS
WH12176321/WH12219776	N810671	4 (5)	BLANK	<0.005		0.1	PASS	0.06	PASS	PASS
WH12176321/WH12219776	N810677	4 (5)	BLANK	<0.005		0.06	PASS	0.08	PASS	PASS

WH12176321/WH12219776	N810683	4 (5)	COARSE	<0.005	0.15	PASS	0.14	PASS	PASS
WH12176321/WH12219776	N810693	5	KLAZA 3	0.773	9.71	PASS	9.55	PASS	PASS
WH12174481	N810272	3	KLAZA 3	0.744	10.05	PASS			
WH12174481	N810276	3	DUP	<0.005	0.06	PASS			
WH12174481	N810288	3	BLANK	<0.005	0.03	PASS			
WH12174483	N810291	1	KLAZA 1	4.44	116	PASS			
WH12174483	N810295	1	BLANK	<0.005	0.01	PASS			
WH12174483	N810299	1	BLANK	<0.005	0.06	PASS			
WH12174483	N810305	1	DUP	0.013	0.53	PASS			
WH12174483	N810314	1	COARSE	0.222	1.31	PASS			
WH12174483	N810319	1	KLAZA 3	0.809	9.04	PASS			
WH12174484	N810327	2	KLAZA 3	0.802	9.54	PASS			
WH12174484	N810332	2	DUP	<0.005	0.2	PASS			
WH12174484	N810340	2	COARSE	<0.005	0.18	PASS			
WH12174484	N810343	2	KLAZA 2	2.28	23.8	PASS			
WH12174484	N810347	2	BLANK	<0.005	0.1	PASS			
WH12174484	N810351	2	BLANK	<0.005	0.25	PASS			
WH12176322/WH12207429	N810362	3 (4)	KLAZA 3	0.583	9.95	FAIL	0.797	PASS	
WH12176322/WH12207429	N810365	3 (4)	BLANK	<0.005	0.02	PASS	<0.005	PASS	
WH12176322/WH12207429	N810367	3 (4)	COARSE	<0.005	0.14	PASS	<0.005	PASS	
WH12176322/WH12207429	N810375	3 (4)	DUP	0.007	0.05	PASS	0.01	PASS	
WH12176322/WH12207429	N810382	3 (4)	KLAZA 3	0.768	9.95	PASS	0.8	PASS	
WH12176322/WH12207429	N810392	3 (4)	BLANK	<0.005	0.02	PASS	<0.005	PASS	
WH12176323	N812004	5	KLAZA 3	0.835	9.53	PASS			
WH12176323	N812012	5	KLAZA 2	2.32	27	PASS			
WH12176323	N812018	5	DUP	0.006	0.13	PASS			
WH12176323	N812021	5	BLANK	<0.005	0.05	PASS			
WH12176323	N812028	5	COARSE	0.031	0.35	PASS			
WH12176324	N813670	1	BLANK	<0.005	0.01	PASS			
WH12176324	N813674	1	COARSE	<0.005	0.05	PASS			
WH12176324	N813677	1	DUP	<0.005	0.06	PASS			
WH12176324	N813682	1	KLAZA 3	0.747	10.25	PASS			
WH12176324	N813690	1	BLANK	<0.005	0.11	PASS			
WH12176324	N813693	1	KLAZA 3	0.666	10.25	PASS			
WH12176325	N813706	2	KLAZA 3	0.731	10	PASS			
WH12176325	N813712	2	DUP	<0.005	0.54	PASS			
WH12176325	N813722	2	BLANK	<0.005	0.03	PASS			
WH12176325	N813725	2	BLANK	<0.005	0.01	PASS			
WH12176325	N813728	2	KLAZA 3	0.719	10	PASS			
WH12176325	N813734	2	COARSE	<0.005	0.03	PASS			
WH12176326	N810701	1	KLAZA 1	4.52	120	PASS			
WH12176326	N810708	1	BLANK	<0.005	0.02	PASS			
WH12176326	N810710	1	DUP	<0.005	0.05	PASS			
WH12176326	N810719	1	COARSE	<0.005	0.05	PASS			
WH12176326	N810721	1	KLAZA 1	4.52	124	PASS			
WH12176326	N810729	1	BLANK	<0.005	0.01	PASS			
WH12176327	N810736	2	KLAZA 2	2.22	25.2	PASS			
WH12176327	N810743	2	DUP	<0.005	0.09	PASS			
WH12176327	N810749	2	COARSE	<0.005	0.08	PASS			
WH12176327	N810755	2	KLAZA 1	4.49	115	PASS			
WH12176327	N810764	2	BLANK	<0.005	0.02	PASS			
WH12176327	N810767	2	BLANK	<0.005	0.16	PASS			
WH12176021	N810776	3	KLAZA 2	2.19	25.7	PASS			
WH12176021	N810780	3	BLANK	<0.005	0.01	PASS			
WH12176021	N810785	3	DUP	<0.005	0.04	PASS			
WH12176021	N810789	3	BLANK	<0.005	0.01	PASS			
WH12176021	N810793	3	KLAZA 3	0.753	10.85	PASS			
WH12176021	N810806	3	COARSE	<0.005	0.1	PASS			
WH12176022	N810808	4	KLAZA 2	2.19	24.1	PASS			
WH12176022	N810813	4	BLANK	<0.005	0.01	PASS			
WH12176022	N810819	4	DUP	<0.005	0.09	PASS			
WH12176022	N810828	4	COARSE	<0.005	0.11	PASS			

WH12176022	N810831	4	KLAZA 1	4.43	120	PASS					
WH12176022	N810839	4	BLANK	<0.005	0.05	PASS					
WH12179922	N810844	5	KLAZA 1	4.27	117	PASS					
WH12179922	N812303	5	COARSE	<0.005	0.08	PASS					
WH12179922	N812307	5	KLAZA 1	4.27	120	PASS					
WH12179922	N812316	5	BLANK	<0.005	0.04	PASS					
WH12179922	N812320	5	DUP	<0.005	0.2	PASS					
WH12179922	N812323	5	BLANK	<0.005	0.01	PASS					
WH12179926	N812330	6	KLAZA 1	4.48	122	PASS					
WH12179926	N812334	6	DUP	<0.005	0.11	PASS					
WH12179926	N812342	6	BLANK	<0.005	0.03	PASS					
WH12179926	N812344	6	COARSE	<0.005	0.13	PASS					
WH12179926	N812349	6	BLANK	<0.005	0.02	PASS					
WH12179926	N812351	6	KLAZA 2	2.2	25.7	PASS					
WH12176328	N812037	1	BLANK	<0.002	0.02	PASS					
WH12176328	N812039	1	KLAZA 1	4.37	121	PASS					
WH12176328	N812049	1	COARSE	0.008	0.18	PASS					
WH12176328	N812056	1	KLAZA 3	0.794	9.4	PASS					
WH12176328	N812061	1	BLANK	<0.005	0.03	PASS					
WH12176328	N812063	1	DUP	0.007	0.12	PASS					
WH12176329	N812072	2	DUP	<0.005	0.07	PASS					
WH12176329	N812076	2	BLANK	<0.005	0.02	PASS					
WH12176329	N812079	2	KLAZA 1	4.25	123	PASS					
WH12176329	N812088	2	KLAZA 2	2.21	25.3	PASS					
WH12176329	N812095	2	BLANK	<0.005	0.15	PASS					
WH12176329	N812099	2	COARSE	<0.005	0.19	PASS					
WH12176024	N813744	1	COARSE	0.021	0.35	PASS					
WH12176024	N813749	1	BLANK	<0.005	0.02	PASS					
WH12176024	N813756	1	KLAZA 1	4.44	126	PASS					
WH12176024	N813761	1	BLANK	<0.005	0.01	PASS					
WH12176024	N813767	1	DUP	0.01	0.16	PASS					
WH12176024	N813771	1	KLAZA 3	0.719	10.25	PASS					
WH12176023/WH12207188	N813781	2	COARSE	0.055	1.08	PASS	0.9		PASS		
WH12176023/WH12207188	N813785	2	DUP	0.012	0.32	PASS	0.29		PASS		
WH12176023/WH12207188	N813790	2	BLANK	<0.005	0.14	PASS	0.003		PASS		
WH12176023/WH12207188	N813803	2	KLAZA 1	4.39	162	FAIL	121	16650	PASS		
WH12176023/WH12207188	N813807	2	BLANK	<0.005	0.12	PASS	0.14		PASS		
WH12176023/WH12207188	N813809	2	KLAZA 3	0.775	11.45	FAIL	9.68		PASS		
WH12179924	N813814	3	COARSE	0.056	0.91	PASS					
WH12179924	N813822	3	KLAZA 2	2.42	27.4	PASS					
WH12179924	N813825	3	BLANK	0.007	0.13	PASS					
WH12179924	N813829	3	DUP	0.011	0.3	PASS					
WH12179924	N813835	3	KLAZA 3	0.778	10.15	PASS					
WH12179924	N813842	3	BLANK	<0.005	0.01	PASS					
WH12180270	N813853	4	DUP	0.009	0.57	PASS					
WH12180270	N813856	4	KLAZA 2	2.21	27.3	PASS					
WH12180270	N813860	4	BLANK	<0.005	0.04	PASS					
WH12180270	N813866	4	KLAZA 2	2.36	25.1	PASS					
WH12180270	N813870	4	BLANK	<0.005	0.03	PASS					
WH12180270	N813880	4	COARSE	0.144	0.74	PASS					
WH12176025/WH12210389	N812111	1	KLAZA 3	0.816	11.25	FAIL	9.73	PASS	PASS		
WH12176025/WH12210389	N812115	1	COARSE	<0.005	0.04	PASS	0.05	PASS	PASS		
WH12176025/WH12210389	N812118	1	BLANK	<0.005	0.01	PASS	0.01	PASS	PASS		
WH12176025/WH12210389	N812122	1	KLAZA 3	0.764	11.85	FAIL	10.25	PASS	PASS		
WH12176025/WH12210389	N812128	1	DUP	<0.005	0.06	PASS	0.05	PASS	PASS		
WH12176025/WH12210389	N812134	1	BLANK	<0.005	0.01	PASS	<0.01	PASS	PASS		
WH12179928	N812143	2	BLANK	<0.005	0.02	PASS					
WH12179928	N812149	2	DUP	<0.005	0.12	PASS					
WH12179928	N812154	2	KLAZA 3	0.748	10.4	PASS					
WH12179928	N812157	2	BLANK	<0.005	0.02	PASS					
WH12179928	N812163	2	KLAZA 3	0.767	10.45	PASS					
WH12179928	N812168	2	COARSE	<0.005	0.1	PASS					

WH12179927	N812179	3	KLAZA 3	0.833	9.41	PASS				
WH12179927	N812185	3	BLANK	<0.005	0.15	PASS				
WH12179927	N812189	3	COARSE	<0.005	0.08	PASS				
WH12179927	N812202	3	DUP	<0.005	0.05	PASS				
WH12179927	N812208	3	KLAZA 3	0.787	10.5	PASS				
WH12179927	N812213	3	BLANK	<0.005	0.01	PASS				
WH12182332	N812217	4	KLAZA 2	2.25	25.7	PASS				
WH12182332	N812224	4	DUP	<0.005	0.03	PASS				
WH12182332	N812227	4	BLANK	<0.005	0.01	PASS				
WH12182332	N812232	4	KLAZA 2	2.29	24.4	PASS				
WH12182332	N812237	4	COARSE	<0.005	0.03	PASS				
WH12182332	N812247	4	BLANK	<0.005	0.01	PASS				
WH12182360	N812255	5	KLAZA 3	0.732	10.3	PASS				
WH12182360	N812260	5	COARSE	<0.005	0.04	PASS				
WH12179925	N811169	1	KLAZA 1	4.6	119	PASS				
WH12179925	N811174	1	BLANK	<0.005	0.02	PASS				
WH12179925	N811184	1	COARSE	<0.005	0.23	PASS				
WH12179925	N811188	1	DUP	<0.005	0.13	PASS				
WH12179925	N811192	1	KLAZA 2	2.37	25.6	PASS				
WH12179925	N811195	1	BLANK	<0.005	0.02	PASS				
WH12179923	N811208	2	KLAZA 2	2.42	24.7	PASS				
WH12179923	N811211	2	DUP	<0.005	0.06	PASS				
WH12179923	N811219	2	BLANK	<0.005	0.04	PASS				
WH12179923	N811224	2	COARSE	0.005	0.18	PASS				
WH12179923	N811227	2	KLAZA 2	2.3	25	PASS				
WH12179923	N811232	2	BLANK	<0.005	0.02	PASS				
WH12179929	N811242	3	KLAZA 2	2.33	26.5	PASS				
WH12179929	N811246	3	BLANK	<0.005	0.02	PASS				
WH12179929	N811250	3	DUP	<0.005	0.11	PASS				
WH12179929	N813918	3	KLAZA 3	0.765	9.32	PASS				
WH12179929	N811267	3	COARSE	<0.005	0.07	PASS				
WH12179929	N811271	3	BLANK	<0.005	0.03	PASS				
WH12182333	N811280	4	KLAZA 3	0.795	8.1	PASS				
WH12182333	N811285	4	DUP	0.005	0.26	PASS				
WH12182333	N811292	4	COARSE	0.005	0.07	PASS				
WH12182333	N811295	4	BLANK	<0.005	0.01	PASS				
WH12182333	N811301	4	KLAZA 1	4.44	117	PASS				
WH12182333	N811306	4	BLANK	<0.005	0.02	PASS				
WH12182334/WH12210470	N811317	5	COARSE	0.008	0.77	PASS	0.006	PASS	PASS	
WH12182334/WH12210470	N811325	5	DUP	<0.005	0.23	PASS	0.005	PASS	PASS	
WH12182334/WH12210470	N811328	5	KLAZA 2	2.37	26	PASS	2.34	PASS	PASS	
WH12182334/WH12210470	N811332	5	BLANK	<0.005	0.06	PASS	<0.005	PASS	PASS	
WH12182334/WH12210470	N811336	5	KLAZA 1	3.31	125	FAIL	4.51	PASS	PASS	
WH12182334/WH12210470	N811340	5	BLANK	<0.005	0.03	PASS	<0.005	PASS	PASS	
WH12186246	N811345	6	BLANK	<0.005	0.16	PASS				
WH12186246	N811352	6	COARSE	0.012	0.74	PASS				
WH12186246	N811354	6	DUP	<0.005	0.64	PASS				
WH12186246	N811360	6	KLAZA 2	2.21	23.8	PASS				
WH12186246	N811366	6	KLAZA 2	2.37	22.5	PASS				
WH12186246	N811374	6	BLANK	<0.005	0.02	PASS				
WH12182339	N813890	1	DUP	<0.005	0.3	PASS				
WH12182339	N813898	1	KLAZA 3	0.81	10.25	PASS				
WH12182339	N813905	1	BLANK	<0.005	0.03	PASS				
WH12182339	N813910	1	KLAZA 2	2.27	27.2	PASS				
WH12182339	N813917	1	BLANK	<0.005	0.07	PASS				
WH12182339	N813920	1	COARSE	<0.005	0.35	PASS				
WH12182335	N813928	2	COARSE	<0.005	0.1	PASS				
WH12182335	N813932	2	KLAZA 3	0.759	9.18	PASS				
WH12182335	N813936	2	DUP	<0.005	0.11	PASS				
WH12182335	N813943	2	KLAZA 3	0.807	9.14	PASS				
WH12182335	N813950	2	BLANK	<0.005	0.03	PASS				
WH12182335	N813952	2	BLANK	<0.005	0.01	PASS				

WH12182336	N813961	3	COARSE	<0.005		0.09	PASS				
WH12182336	N813964	3	BLANK	<0.005		0.02	PASS				
WH12182336	N813974	3	KLAZA 2	2.31		22.6	PASS				
WH12182336	N813978	3	BLANK	<0.005		0.02	PASS				
WH12182336	N813985	3	DUP	<0.005		0.08	PASS				
WH12182336	N813989	3	KLAZA 3	0.776		9.72	PASS				
WH12182388	N813997	4	KLAZA 1	4.59		121	PASS				
WH12182388	M355001	4	BLANK	<0.005		0.02	PASS				
WH12182388	M355004	4	BLANK	<0.005		0.03	PASS				
WH12182388	M355009	4	COARSE	<0.005		0.11	PASS				
WH12182388	M355016	4	KLAZA 1	4.59		121	PASS				
WH12182388	M355022	4	DUP	0.012		1.16	PASS				
WH12182389	M355033	5	DUP	<0.005		0.07	PASS				
WH12182389	M355041	5	COARSE	<0.005		0.15	PASS				
WH12182389	M355050	5	KLAZA 1	4.66		119	PASS				
WH12182389	M355054	5	BLANK	<0.005		0.52	PASS				
WH12182389	M355060	5	KLAZA 1	4.56		118	PASS				
WH12182389	M355064	5	BLANK	<0.005		0.11	PASS				
WH12183290/WH12210471	M355068	6	KLAZA 2	2.33		25.4	PASS	2.25	PASS	PASS	
WH12183290/WH12210471	M355070	6	BLANK	0.005		0.17	PASS	<0.005	PASS	PASS	
WH12183290/WH12210471	M355074	6	BLANK	<0.005		0.15	PASS	<0.005	PASS	PASS	
WH12183290/WH12210471	M355082	6	KLAZA 3	0.887		10.7	FAIL	0.801	PASS	PASS	
WH12183290/WH12210471	M355086	6	DUP	<0.005		0.04	PASS	<0.005	PASS	PASS	
WH12183290/WH12210471	M355091	6	COARSE	<0.005		0.13	PASS	<0.005	PASS	PASS	
WH12182360	N812270	1	KLAZA 2	2.24		27.8	PASS				
WH12182360	N812273	1	BLANK	<0.005		0.01	PASS				
WH12182360	N812275	1	DUP	0.008		0.34	PASS				
WH12182360	N812278	1	BLANK	<0.005		0.02	PASS				
WH12182337	N812286	2	KLAZA 2	2.22		24	PASS				
WH12182337	N812298	2	COARSE	0.014		0.43	PASS				
WH12182337	N814008	2	BLANK	<0.005		0.03	PASS				
WH12182337	N814011	2	BLANK	<0.005		0.02	PASS				
WH12182337	N814014	2	KLAZA 1	4.41		123	PASS				
WH12182337	N814018	2	DUP	<0.005		0.11	PASS				
WH12183291	N814024	3	KLAZA 3	0.804		9.69	PASS				
WH12183291	N814030	3	DUP	<0.005		0.07	PASS				
WH12183291	N814040	3	KLAZA 3	0.756		9.31	PASS				
WH12183291	N814045	3	DUP	0.006		0.53	PASS				
WH12183291	N814055	3	BLANK	<0.005		0.04	PASS				
WH12183291	N814057	3	BLANK	<0.005		0.02	PASS				
WH12183292	N814062	4	KLAZA 3	0.739		10.15	PASS				
WH12183292	N814073	4	COARSE	<0.005		0.06	PASS				
WH12183292	N814079	4	KLAZA 2	2.35		27.2	PASS				
WH12183292	N814083	4	DUP	<0.005		0.04	PASS				
WH12183292	N814089	4	BLANK	0.005		0.04	PASS				
WH12183292	N814093	4	BLANK	<0.005		0.06	PASS				
WH12183293	N814094	5	KLAZA 1	4.48		121	PASS				
WH12183293	N814103	5	BLANK	<0.005		0.2	PASS				
WH12183293	N814108	5	KLAZA 2	2.38		26.4	PASS				
WH12183293	N814113	5	COARSE	<0.005		0.09	PASS				
WH12183293	N814119	5	BLANK	<0.005	<0.01		PASS				
WH12183293	N814129	5	DUP	<0.005		0.09	PASS				
WH12183294	N814132	6	KLAZA 3	0.842		9.57	PASS				
WH12183294	N814136	6	BLANK	<0.005		0.08	PASS				
WH12183294	N814145	6	BLANK	<0.005		0.01	PASS				
WH12183294	N814155	6	COARSE	<0.005		0.08	PASS				
WH12183294	N814158	6	DUP	<0.005		0.09	PASS				
WH12183294	N814162	6	KLAZA 3	0.804		10.45	PASS				
WH12183295	N814167	7	KLAZA 3	0.747		10.55	PASS				
WH12183295	N814174	7	BLANK	<0.005		0.1	PASS				
WH12183295	N814178	7	DUP	<0.005		0.04	PASS				
WH12183295	N814184	7	BLANK	<0.005		0.04	PASS				

WH12183295	N814194	7	KLAZA 1		4.28	123	PASS	
WH12183295	N814197	7	COARSE	<0.005		0.13	PASS	
WH12185464	N814204	8	BLANK	<0.005		0.02	PASS	
WH12182361	N812375	1	COARSE	<0.005		0.09	PASS	
WH12182361	N812377	1	BLANK	<0.005	<0.01		PASS	
WH12182361	N812382	1	KLAZA 1		4.38	124	PASS	
WH12182361	N812389	1	BLANK	<0.005	<0.01		PASS	
WH12182361	N812397	1	KLAZA 2		2.18	24.6	PASS	
WH12182361	N812399	1	DUP	<0.005		0.08	PASS	
WH12182338	N812406	2	KLAZA 2		2.39	24.7	PASS	
WH12182338	N812409	2	DUP		0.012	0.3	PASS	
WH12182338	N812417	2	BLANK	<0.005		0.06	PASS	
WH12182338	N812424	2	KLAZA 3		0.747	9	PASS	
WH12182338	N812433	2	BLANK	<0.005		0.03	PASS	
WH12182338	N812436	2	COARSE		0.024	0.36	PASS	
WH12183296	N812443	3	DUP	<0.005		0.06	PASS	
WH12183296	N812450	3	BLANK	<0.005		0.11	PASS	
WH12183296	N812452	3	COARSE	<0.005		0.07	PASS	
WH12183296	N812457	3	KLAZA 2		2.21	24.4	PASS	
WH12183296	N812466	3	BLANK	<0.005		0.01	PASS	
WH12183296	N812470	3	KLAZA 3		0.769	9.17	PASS	
WH12183297	N812482	4	BLANK	<0.005		0.01	PASS	
WH12183297	N812484	4	KLAZA 1		4.37	121	PASS	
WH12183297	N812491	4	BLANK	<0.005		0.01	PASS	
WH12183297	N812499	4	COARSE	<0.005		0.08	PASS	
WH12183297	N812507	4	KLAZA 3		0.752	9.48	PASS	
WH12183297	N812509	4	DUP	<0.005		0.1	PASS	
WH12183298	N812511	5	BLANK	<0.005		0.01	PASS	
WH12183298	N812520	5	KLAZA 2		2.26	26	PASS	
WH12183298	N812526	5	DUP	<0.005		0.03	PASS	
WH12183298	N812533	5	BLANK	<0.005	<0.01		PASS	
WH12183298	N812535	5	KLAZA 1		4.28	114	PASS	
WH12183298	N812543	5	COARSE	<0.005		0.03	PASS	
WH12183298	N812545	5	BLANK	<0.005		0.05	PASS	
WH12185465	N812550	6	KLAZA 3		0.759	10.9	PASS	
WH12185465	N812559	6	BLANK	<0.005		0.03	PASS	
WH12185465	N812564	6	COARSE	<0.005		0.08	PASS	
WH12185466	M355097	1	BLANK	<0.005		0.8	PASS	
WH12185466	M355108	1	COARSE	<0.005		0.13	PASS	
WH12185466	M355113	1	DUP	<0.005		0.05	PASS	
WH12185466	M355117	1	KLAZA 3		0.798	9.89	PASS	
WH12185466	M355125	1	BLANK	<0.005		0.01	PASS	
WH12185466	M355127	1	KLAZA 3		0.808	9.6	PASS	
WH12187922	M355135	2	COARSE	<0.005		0.88	PASS	
WH12187922	M355140	2	KLAZA 3		0.76	10.05	PASS	
WH12187922	M355144	2	DUP	<0.005		0.58	PASS	
WH12187922	M355152	2	BLANK	<0.005		0.04	PASS	
WH12187922	M355154	2	KLAZA 3		0.767	10.45	PASS	
WH12187922	M355163	2	BLANK	<0.005		0.02	PASS	
WH12187923	M355175	3	BLANK	<0.005		0.01	PASS	
WH12187923	M355180	3	DUP	<0.005		0.07	PASS	
WH12187923	M355182	3	KLAZA 3		0.815	9.52	PASS	
WH12187923	M355186	3	COARSE	<0.005		0.08	PASS	
WH12187923	M355195	3	KLAZA 1		4.22	116	PASS	
WH12187923	M355200	3	BLANK	<0.005		0.23	PASS	
WH12193367	M355206	4	BLANK	<0.005		0.18	PASS	
WH12193367	M355212	4	BLANK	<0.005		0.04	PASS	
WH12193367	M355217	4	DUP	<0.005		0.1	PASS	
WH12193367	M355221	4	COARSE	<0.005		0.13	PASS	
WH12193367	M355224	4	KLAZA 3		0.808	9.03	PASS	
WH12193367	M355227	4	KLAZA 3		0.81	9.33	PASS	
WH12185467/WH12185467	N811381 (2)	1	KLAZA 2		2.34	25.9	PASS	2.4 PASS

WH12185467/WH12185467	N811386	1	DUP	<0.005		0.07	PASS	<0.005	PASS
WH12185467/WH12185467	N811391	1	BLANK	<0.005		0.12	PASS	<0.005	PASS
WH12185467/WH12185467	N811399	1	KLAZA 1	3.51		119	FAIL	4.33	PASS
WH12185467/WH12185467	N811406	1	BLANK	<0.005		0.14	PASS	<0.005	PASS
WH12185467/WH12185467	N811410	1	COARSE	0.005		0.2	PASS	0.005	PASS
WH12185468	N811418	2	DUP	0.008		0.58	PASS		
WH12185468	N811425	2	KLAZA 1	4.59		123	PASS		
WH12185468	N811431	2	BLANK	<0.005		0.04	PASS		
WH12185468	N811437	2	KLAZA 2	2.24		26	PASS		
WH12185468	N811440	2	BLANK	<0.005		0.01	PASS		
WH12185468	N811445	2	COARSE	<0.005		0.09	PASS		
WH12185469	N811457	3	DUP	<0.005		0.31	PASS		
WH12185469	N811463	3	KLAZA 2	2.32		27.2	PASS		
WH12185469	N811468	3	COARSE	<0.005		0.12	PASS		
WH12185469	N811476	3	BLANK	<0.005		0.12	PASS		
WH12185469	N811480	3	KLAZA 3	0.781		10.6	PASS		
WH12185469	N811485	3	BLANK	<0.006		0.02	PASS		
WH12185490	N811490	4	KLAZA 3	0.794		9.24	PASS		
WH12185490	N811493	4	BLANK	<0.005		0.05	PASS		
WH12185490	N811497	4	DUP	<0.005		0.09	PASS		
WH12185490	N811503	4	KLAZA 1	4.4		124	PASS		
WH12185490	N811509	4	COARSE	<0.005		0.12	PASS		
WH12185490	N811515	4	BLANK	<0.005		0.03	PASS		
WH12187924	N811526	5	KLAZA 1	4.51		124	PASS		
WH12187924	N811530	5	BLANK	<0.005		0.54	PASS		
WH12187924	N811542	5	COARSE	<0.005		0.1	PASS		
WH12187924	N811545	5	DUP	<0.005		0.13	PASS		
WH12187924	N811549	5	KLAZA 1	4.42		120	PASS		
WH12187924	N811553	5	BLANK	<0.005		0.32	PASS		
WH12187925	N811563	6	COARSE	<0.005		0.1	PASS		
WH12187925	N811566	6	KLAZA 1	4.48		117	PASS		
WH12187925	N811570	6	DUP	<0.005		0.27	PASS		
WH12187925	N811573	6	BLANK	<0.005		0.43	PASS		
WH12187925	N811577	6	KLAZA 2	2.26		26.8	PASS		
WH12187925	N811589	6	BLANK	<0.005		0.01	PASS		
WH12187926	N811601	7	KLAZA 2	2.3		26.7	PASS		
WH12187926	N811605	7	COARSE	<0.005		0.12	PASS		
WH12187926	N811608	7	BLANK	<0.005		0.01	PASS		
WH12187926	N811611	7	DUP	<0.005		0.06	PASS		
WH12187926	N811615	7	KLAZA 1	4.56		116	PASS		
WH12187926	N811620	7	BLANK	<0.005		0.02	PASS		
WH12187456/WH12215616	N811631	1	KLAZA 1	4.26		125	PASS	4.46	PASS
WH12187456/WH12215616	N811635	1	BLANK	<0.005		0.02	PASS	<0.005	PASS
WH12187456/WH12215616	N811638	1	DUP	<0.005		0.11	PASS	<0.005	PASS
WH12187456/WH12215616	N811646	1	KLAZA 1	3.92		118	FAIL	4.3	PASS
WH12187456/WH12215616	N811650	1	BLANK	<0.005		0.04	PASS	<0.005	PASS
WH12187456/WH12215616	N811658	1	COARSE	<0.005		0.1	PASS	<0.005	PASS
WH12186247	N811664	2	KLAZA 1	4.3		123	PASS		
WH12186247	N811670	2	BLANK	<0.005		0.01	PASS		
WH12186247	N811679	2	DUP	<0.005		0.14	PASS		
WH12186247	N811681	2	KLAZA 2	2.34		24.2	PASS		
WH12186247	N811690	2	BLANK	<0.005		0.02	PASS		
WH12186247	N811696	2	COARSE	<0.005		0.18	PASS		
WH12192024	N811702	3	KLAZA 2	2.17		23.7	PASS		
WH12192024	N811712	3	BLANK	<0.005	<0.01		PASS		
WH12192024	N811720	3	KLAZA 1	4.64		122	PASS		
WH12192024	N811724	3	DUP	<0.005		0.12	PASS		
WH12192024	N811729	3	COARSE	<0.005		0.29	PASS		
WH12192024	N811732	3	BLANK	<0.005		0.02	PASS		
WH12192025	N811738	4	DUP	<0.005		0.15	PASS		
WH12192025	N811740	4	KLAZA 2	2.3		22.9	PASS		
WH12192025	N811745	4	BLANK	<0.005		0.04	PASS		

WH12192025	N811751	4	COARSE	<0.005		0.09	PASS		
WH12192025	N811754	4	KLAZA 2	2.34		23.6	PASS		
WH12192025	N811767	4	BLANK	<0.005		0.01	PASS		
WH12199380	N811777	5	KLAZA 3	0.77		9.28	PASS		
WH12199380	N811783	5	BLANK	<0.005		0.01	PASS		
WH12199380	N811787	5	COARSE	<0.005		0.1	PASS		
WH12199380	N811789	5	KLAZA 2	2.21		24.7	PASS		
WH12199380	N811793	5	DUP	<0.005		0.09	PASS		
WH12199380	N811800	5	BLANK	<0.005		0.01	PASS		
WH12199381	N811807	6	KLAZA 2	2.24		27.4	PASS		
WH12199381	N811811	6	BLANK	<0.005		0.03	PASS		
WH12199381	N811818	6	DUP	<0.005		1.37	PASS		
WH12187927	N814210	1	DUP	<0.005		0.07	PASS		
WH12187927	N814214	1	KLAZA 3	0.765		9.2	PASS		
WH12187927	N814221	1	BLANK	<0.005		0.02	PASS		
WH12187927	N814224	1	COARSE	<0.005		0.08	PASS		
WH12187927	N814231	1	KLAZA 3	0.76		9.12	PASS		
WH12187927	N814237	1	BLANK	<0.005		0.01	PASS		
WH12187928	N814248	2	BLANK	<0.005		0.02	PASS		
WH12187928	N814251	2	DUP	<0.005		0.09	PASS		
WH12187928	N814253	2	KLAZA 2	2.38		26.3	PASS		
WH12187928	N814263	2	BLANK	<0.005		0.02	PASS		
WH12187928	N814269	2	KLAZA 3	0.795		10.3	PASS		
WH12187928	N814273	2	COARSE	<0.005		0.08	PASS		
WH12187929	N814279	3	COARSE	<0.005		0.05	PASS		
WH12187929	N814281	3	KLAZA 3	0.777		10.25	PASS		
WH12187929	N814286	3	BLANK	<0.005		0.07	PASS		
WH12187929	N814293	3	BLANK	<0.005		0.13	PASS		
WH12187929	N814299	3	DUP	<0.005		0.1	PASS		
WH12187929	N814303	3	KLAZA 3	0.79		10.75	PASS		
WH12188050/WH12188050	N814317	4	KLAZA 3	0.757		11.25	FAIL	10.65	PASS
WH12188050/WH12188050	N814323	4	BLANK	<0.005		0.01	PASS	0.03	PASS
WH12188050/WH12188050	N814329	4	DUP	<0.005		0.04	PASS	0.04	PASS
WH12188050/WH12188050	N814332	4	KLAZA 2	2.32		24.7	PASS	27.3	PASS
WH12188050/WH12188050	N814335	4	BLANK	<0.005		0.03	PASS	0.05	PASS
WH12188050/WH12188050	N814343	4	COARSE	<0.005		0.04	PASS	0.04	PASS
WH12188882	N814351	5	COARSE	<0.005		0.06	PASS		
WH12188882	N814356	5	BLANK	<0.005		0.01	PASS		
WH12188882	N814360	5	KLAZA 2	2.35		24.4	PASS		
WH12188882	N814367	5	BLANK	<0.005		0.05	PASS		
WH12188882	N814369	5	KLAZA 1	4.49		120	PASS		
WH12188882	N814371	5	DUP	<0.005		0.23	PASS		
WH12188883	N814388	6	COARSE	<0.005		0.1	PASS		
WH12188883	N814395	6	BLANK	<0.005		0.08	PASS		
WH12188883	N814400	6	BLANK	<0.005		0.02	PASS		
WH12188051	M355245	1	DUP	0.045		0.7	PASS		
WH12188051	M355251	1	KLAZA 1	4.45		119	PASS		
WH12188051	M355254	1	BLANK	<0.005		0.02	PASS		
WH12188051	M355257	1	BLANK	<0.005		0.13	PASS		
WH12188051	M355263	1	COARSE	<0.005		1.28	PASS		
WH12188051	M355269	1	KLAZA 3	0.799		8.81	PASS		
WH12188052	M355281	2	BLANK	<0.005		0.02	PASS		
WH12188052	M355283	2	KLAZA 2	2.37		25.9	PASS		
WH12188052	M355287	2	BLANK	<0.005		0.02	PASS		
WH12188052	M355293	2	DUP	<0.005		0.06	PASS		
WH12188052	M355297	2	KLAZA 3	0.744		9.98	PASS		
WH12188052	M355302	2	COARSE	<0.005		0.08	PASS		
WH12188053	M355315	3	DUP	0.006		0.11	PASS		
WH12188053	M355322	3	KLAZA 1	4.36		118	PASS		
WH12188053	M355326	3	BLANK	<0.005		0.11	PASS		
WH12188053	M355332	3	COARSE	<0.005		0.22	PASS		
WH12188053	M355334	3	KLAZA 1	4.4		121	PASS		

WH12188053	M355341	3	BLANK	<0.005		0.03	PASS			
WH12188884/WH12219372	M355350	4	BLANK	<0.005		0.02	PASS	<0.005		PASS
WH12188884/WH12219372	M355353	4	DUP	<0.005		0.04	PASS	<0.005		PASS
WH12188884/WH12219372	M355359	4	COARSE	<0.005		0.03	PASS	<0.005		PASS
WH12188884/WH12219372	M355364	4	KLAZA 3	0.775		9.68	PASS	0.755		PASS
WH12188884/WH12219372	M355375	4	KLAZA 2	1.62		25.3	FAIL	2.21		PASS
WH12188884/WH12219372	M355381	4	BLANK	<0.005		0.01	PASS	0.005		PASS
WH12188885/WH12219373	M355386	4	KLAZA 2	2.34		24.6	PASS	2.11		PASS
WH12188885/WH12219373	M355390	5	BLANK	<0.005		0.03	PASS	<0.005		PASS
WH12188885/WH12219373	M355393	5	DUP	<0.005		0.08	PASS	<0.005		PASS
WH12188885/WH12219373	M355399	5	COARSE	<0.005		0.07	PASS	<0.005		PASS
WH12188885/WH12219373	M355402	5	KLAZA 2	2.5		25.1	FAIL	2.28		PASS
WH12188885/WH12219373	M355406	5	BLANK	<0.005		0.1	PASS	<0.005		PASS
WH12188886	M355422	6	COARSE	<0.005		0.07	PASS			
WH12188886	M355428	6	KLAZA 1	4.54		116	PASS			
WH12188886	M355432	6	BLANK	<0.005		0.03	PASS			
WH12188886	M355437	6	BLANK	<0.005		0.06	PASS			
WH12188886	M355443	6	KLAZA 1	4.46		116	PASS			
WH12188886	M355452	6	DUP	<0.005		0.05	PASS			
WH12188887	M355456	7	COARSE	<0.005		0.01	PASS			
WH12188887	M355458	7	BLANK	<0.005		0.01	PASS			
WH12193368	N813247	1	KLAZA 2	2.35	24.5		PASS			
WH12193368	N813249	1	BLANK	<0.005	0.48		PASS			
WH12193368	N811825	1	DUP	<0.005	0.13		PASS			
WH12193368	N811831	1	COARSE	<0.005	0.2		PASS			
WH12193368	N811842	1	KLAZA 2	2.26	26.8		PASS			
WH12193368	N811845	1	BLANK	<0.005	0.02		PASS			
WH12193369/WH12219375	N811850	2	KLAZA 1	4.27	122		FAIL	16250		PASS
WH12193369/WH12219375	N811853	2	BLANK	<0.005	0.01		PASS	15		PASS
WH12193369/WH12219375	N811873	2	KLAZA 3	0.811	9.26		PASS	3070		PASS
WH12193369/WH12219375	N811876	2	BLANK	<0.005	0.01		PASS	0.5		PASS
WH12193369/WH12219375	N811878	2	DUP	<0.005	0.18		PASS	18.7		PASS
WH12193369/WH12219375	N811881	2	COARSE	<0.005	0.1		PASS	23.6		PASS
WH12193440/WH12219374	N811886	3	KLAZA 2	1.745	26.3		FAIL	2.29		PASS
WH12193440/WH12219374	N811889	3	BLANK	<0.005	0.01		PASS	<0.005		PASS
WH12188888	N814406	1	BLANK	<0.005		0.04	PASS			
WH12188888	N814415	1	KLAZA 3	0.786		10.3	PASS			
WH12188888	N814421	1	DUP	<0.005		0.07	PASS			
WH12188888	N814425	1	KLAZA 3	0.796		10.05	PASS			
WH12188888	N814429	1	BLANK	<0.005		0.02	PASS			
WH12188888	N814435	1	COARSE	<0.005		0.08	PASS			
WH12192026	N814441	2	DUP	<0.005		0.04	PASS			
WH12192026	N814444	2	KLAZA 3	0.781		10.45	PASS			
WH12192026	N814450	2	COARSE	<0.005		0.09	PASS			
WH12192026	N814456	2	BLANK	<0.005		0.03	PASS			
WH12192026	N814466	2	BLANK	<0.005		0.01	PASS			
WH12192026	N814469	2	KLAZA 2	2.4		27.7	PASS			
WH12180699	N814480	3	DUP	<0.005		0.28	PASS			
WH12180699	N814485	3	KLAZA 3	0.725		10	PASS			
WH12180699	N814491	3	DUP	<0.005		0.05	PASS			
WH12180699	N814497	3	KLAZA 3	0.818		9.53	PASS			
WH12180699	N814502	3	BLANK	<0.005		0.02	PASS			
WH12180699	N814507	3	BLANK	<0.005		0.01	PASS			
WH12181680	N814516	4	KLAZA 1	4.39		119	PASS			
WH12181680	N814524	4	DUP	<0.005		0.08	PASS			
WH12181680	N814528	4	BLANK	<0.005		0.35	PASS			
WH12181680	N814531	4	BLANK	<0.005		0.03	PASS			
WH12181680	N814536	4	KLAZA 3	0.751		9.76	PASS			
WH12181680	N814540	4	COARSE	<0.005		0.09	PASS			
WH12181681	N814550	5	BLANK	<0.005		0.01	PASS			
WH12181681	N814556	5	COARSE	<0.005		0.09	PASS			
WH12181682	M355466	1	COARSE	<0.005		0.21	PASS			

WH12181682	M355471	1	DUP	<0.005		0.05	PASS		
WH12181682	M355476	1	KLAZA 2	2.41		24.8	PASS		
WH12181682	M355480	1	BLANK	<0.005		0.02	PASS		
WH12181682	M355489	1	KLAZA 2	2.32		26.4	PASS		
WH12181682	M355493	1	BLANK	<0.005		0.03	PASS		
WH12181683	M355501	2	DUP	0.005		2.92	PASS		
WH12181683	M355507	2	COARSE	<0.005		0.1	PASS		
WH12181683	M355514	2	KLAZA 2	2.2		25.3	PASS		
WH12181683	M355518	2	BLANK	<0.005		0.04	PASS		
WH12181683	M355521	2	BLANK	<0.005		0.02	PASS		
WH12181683	M355525	2	KLAZA 3	0.781		9.82	PASS		
WH12192028	M355539	3	KLAZA 2	2.26		24.2	PASS		
WH12192028	M355543	3	BLANK	<0.005		0.02	PASS		
WH12192028	M355547	3	COARSE	<0.005		0.09	PASS		
WH12192028	M355553	3	DUP	<0.005		0.15	PASS		
WH12192028	M355556	3	KLAZA 3	0.838		9.86	PASS		
WH12192028	M355560	3	BLANK	<0.005		0.03	PASS		
WH12193441	M355573	4	DUP	<0.005		0.06	PASS		
WH12193441	M355579	4	COARSE	<0.005		0.09	PASS		
WH12193441	M355584	4	KLAZA 1	4.56		120	PASS		
WH12193441	M355588	4	BLANK	<0.005		0.51	PASS		
WH12193441	M355599	4	KLAZA 1	4.52		123	PASS		
WH12193441	M355603	4	BLANK	<0.005		0.05	PASS		
WH12193442	M355606	5	BLANK	<0.005		0.01	PASS		
WH12193442	M355610	5	KLAZA 2	2.28		25	PASS		
WH12193442	M355615	5	BLANK	<0.005		0.02	PASS		
WH12193442	M355620	5	COARSE	0.006		0.17	PASS		
WH12193442	M355624	5	DUP	<0.005		0.12	PASS		
WH12193442	M355627	5	KLAZA 3	0.756		9.3	PASS		
WH12193443	N814563	1	KLAZA 3	0.785		9.57	PASS		
WH12193443	N814571	1	BLANK	<0.005		0.05	PASS		
WH12193443	N814579	1	BLANK	<0.005		0.01	PASS		
WH12193443	N814583	1	DUP	<0.005		0.1	PASS		
WH12193443	N814585	1	KLAZA 3	0.79		10.65	PASS		
WH12193443	N814591	1	COARSE	0.008		0.23	PASS		
WH12193444	N814606	2	COARSE	<0.005		0.51	PASS		
WH12193444	N814610	2	KLAZA 2	2.25		25.7	PASS		
WH12193444	N814615	2	DUP	<0.005		0.17	PASS		
WH12193444	N814621	2	KLAZA 1	4.68		125	PASS		
WH12193444	N814626	2	BLANK	<0.005		0.04	PASS		
WH12193444	N814630	2	BLANK	<0.005		0.12	PASS		
WH12193445/WH12219376	N814634	3	KLAZA 2	2.17		28.7	FAIL	25.9	PASS
WH12193445/WH12219376	N814638	3	BLANK	<0.005		0.13	PASS	0.09	PASS
WH12193445/WH12219376	N814644	3	COARSE	<0.005		0.49	PASS	0.45	PASS
WH12193445/WH12219376	N814652	3	DUP	<0.005		0.18	PASS	0.14	PASS
WH12193445/WH12219376	N814655	3	KLAZA 3	0.758		11.35	FAIL	10.35	PASS
WH12193445/WH12219376	N814660	3	BLANK	<0.005		0.02	PASS	0.02	PASS
WH12193446	N814668	4	KLAZA 2	2.25		27.5	PASS		
WH12193446	N814673	4	BLANK	<0.005		0.21	PASS		
WH12193446	N814679	4	DUP	<0.005		0.21	PASS		
WH12193446	N814687	4	COARSE	0.032		0.32	PASS		
WH12193446	N814692	4	KLAZA 3	0.778		10.75	PASS		
WH12193446	N814695	4	BLANK	<0.005		0.18	PASS		
WH12193447	N814706	5	KLAZA 2	2.37		26.7	PASS		
WH12193447	N814710	5	BLANK	<0.005		0.02	PASS		
WH12199382	N814866	1	KLAZA 3	0.748		9.59	PASS		
WH12199382	N814869	1	DUP	<0.005		0.18	PASS		
WH12199382	N814874	1	BLANK	<0.005		0.01	PASS		
WH12199382	N814879	1	KLAZA 3	0.777		9.11	PASS		
WH12199382	N814886	1	COARSE	<0.005		0.18	PASS		
WH12199382	N814889	1	BLANK	<0.005		0.01	PASS		
WH12199383	N814899	2	BLANK	<0.005		0.19	PASS		

WH12199383	N814909	2	COARSE	<0.005		0.28	PASS		
WH12199383	N814911	2	KLAZA 2	2.35		25.1	PASS		
WH12199383	N814917	2	DUP	<0.005		0.09	PASS		
WH12199383	N814920	2	KLAZA 2	2.23		26.2	PASS		
WH12199383	N814925	2	BLANK	<0.005		0.06	PASS		
WH12199384	N814934	3	DUP	<0.005		0.12	PASS		
WH12199384	N814945	3	KLAZA 3	0.787		9.45	PASS		
WH12199384	N814951	3	KLAZA 2	2.25		26	PASS		
WH12199384	N814954	3	BLANK	<0.005		0.01	PASS		
WH12199384	N814959	3	COARSE	<0.005		0.14	PASS		
WH12199384	N814963	3	BLANK	<0.005		0.01	PASS		
WH12199385	N814972	4	BLANK	<0.005		0.06	PASS		
WH12199385	N814981	4	KLAZA 3	0.721		10.35	PASS		
WH12193440/WH12219374	N811895	104	KLAZA 3	0.878		9.91	FAIL	0.796	PASS
WH12193440/WH12219374	N811902	104	BLANK	<0.005		0.04	PASS	<0.005	PASS
WH12193440/WH12219374	N811905	104	DUP	<0.005		0.35	PASS	<0.005	PASS
WH12193440/WH12219374	N811912	104	COARSE	<0.005		0.1	PASS	<0.005	PASS
WH12193448	N811927	1	KLAZA 1	4.38		116	PASS		
WH12193448	N811930	1	COARSE	0.005		0.2	PASS		
WH12193448	N811933	1	BLANK	<0.005		0.02	PASS		
WH12193448	N811939	1	BLANK	<0.005		0.17	PASS		
WH12193448	N811944	1	KLAZA 3	0.826		9.54	PASS		
WH12193448	N811948	1	DUP	<0.005		0.02	PASS		
WH12193449	N811960	2	DUP	<0.005		0.08	PASS		
WH12193449	N811967	2	KLAZA 3	0.777		10.15	PASS		
WH12193449	N811972	2	BLANK	<0.005		0.02	PASS		
WH12193449	N811976	2	COARSE	<0.005		0.06	PASS		
WH12193449	N811983	2	KLAZA 2	2.39		26.5	PASS		
WH12193449	N811992	2	BLANK	<0.005		0.02	PASS		
WH12193421	N811999	3	KLAZA 2	2.38		25.5	PASS		
WH12193421	N813255	3	BLANK	<0.005		0.08	PASS		
WH12193421	N813259	3	KLAZA 2	2.3		25.1	PASS		
WH12193421	N813266	3	BLANK	<0.005		0.07	PASS		
WH12193421	N813272	3	DUP	0.014		0.15	PASS		
WH12193421	N813274	3	COARSE	<0.005		0.16	PASS		
WH12194651	N813289	4	COARSE	<0.005		0.11	PASS		
WH12194651	N813294	4	KLAZA 3	0.808		9.88	PASS		
WH12194651	N813300	4	BLANK	<0.005	<0.01		PASS		
WH12194651	N813304 (3)	4	KLAZA 2	2.26		27.2	PASS		
WH12194651	N813309	4	BLANK	<0.005		0.01	PASS		
WH12194651	N813312	4	DUP	<0.005		0.15	PASS		
WH12194652	N813316	5	KLAZA 1	4.39		123	PASS		
WH12194652	N813322	5	BLANK	<0.005		0.16	PASS		
WH12194652	N813328	5	KLAZA 1	4.38		122	PASS		
WH12194652	N813332	5	BLANK	<0.005		0.02	PASS		
WH12194652	N813334	5	DUP	<0.005		0.14	PASS		
WH12194250	M355639	1	KLAZA 2	2.29		23.9	PASS		
WH12194250	M355644	1	BLANK	<0.005		0.04	PASS		
WH12194250	M355646	1	COARSE	0.043		0.26	PASS		
WH12194250	M355651	1	BLANK	<0.005		0.01	PASS		
WH12194250	M355657	1	DUP	0.043		0.37	PASS		
WH12194250	M355661	1	KLAZA 2	2.38		26.4	PASS		
WH12194251	M355670	2	BLANK	<0.005		0.22	PASS		
WH12194251	M355672	2	KLAZA 2	2.3		24.5	PASS		
WH12194251	M355676	2	KLAZA 1	4.25		122	PASS		
WH12194251	M355680	2	BLANK	<0.005		0.19	PASS		
WH12194251	M355685	2	COARSE	0.018		0.25	PASS		
WH12194251	M355694	2	DUP	0.019		0.4	PASS		
WH12194252	M358007 (6)	3	BLANK	<0.005		0.03	PASS		
WH12194252	M358011	3	KLAZA 1	4.16		119	PASS		
WH12194252	M358015	3	BLANK	<0.005		0.16	PASS		

WH12194252	M358023	3	COARSE	0.007		0.19	PASS
WH12194252	M358028	3	KLAZA 3	0.784		9.94	PASS
WH12194252	M358035	3	DUP	0.021		0.27	PASS
WH12194653	M358043	4	KLAZA 2	2.18		25.3	PASS
WH12194653	M358048	4	BLANK	<0.005		0.09	PASS
WH12194653	M358059	4	DUP	0.012		0.19	PASS
WH12194653	M358062	4	COARSE	0.024		0.53	PASS
WH12194653	M358064	4	BLANK	<0.005		0.01	PASS
WH12194653	M358067	4	KLAZA 3	0.753		9.14	PASS
WH12194654	M358079	5	BLANK	<0.005		0.02	PASS
WH12194654	M358082	5	DUP	0.012		0.25	PASS
WH12194654	M358089	5	KLAZA 1	4.02		122	PASS
WH12194654	M358095	5	BLANK	<0.005		0.02	PASS
WH12194654	M358099	5	COARSE	0.06		0.16	PASS
WH12194654	M358106	5	KLAZA 1	4.41		126	PASS
WH12194655	M358114	6	BLANK	<0.005		0.04	PASS
WH12194655	M358121	6	DUP	0.014		0.49	PASS
WH12194655	M358124	6	KLAZA 3	0.755		9.45	PASS
WH12194655	M358131	6	COARSE	0.013		0.22	PASS
WH12194655	M358139	6	KLAZA 3	0.734		9.75	PASS
WH12194655	M358142	6	BLANK	<0.005		0.07	PASS
WH12197781	M358156	7	KLAZA 1	4.39		126	PASS
WH12197781	M358160	7	BLANK	<0.005		0.03	PASS
WH12197781	M358165	7	DUP	0.009		0.15	PASS
WH12197781	M358169	7	KLAZA 2	2.32		24.4	PASS
WH12197781	M358173	7	BLANK	<0.005	<0.001		PASS
WH12197781	M358180	7	COARSE	0.015		0.5	PASS
WH12197782	M358188	8	KLAZA 2	2.27		24.9	PASS
WH12197782	M358192	8	BLANK	<0.005		0.02	PASS
WH12197782	M358200	8	COARSE	0.285		1.24	PASS
WH12197782	M358207	8	DUP	0.029		0.54	PASS
WH12197782	M358215	8	KLAZA 1	4.2		120	PASS
WH12197782	M358219	8	BLANK	<0.005		0.01	PASS
WH12197783	M358222	9	DUP	0.01		5.11	PASS
WH12197783	M358225	9	KLAZA 1	4.46		120	PASS
WH12197783	M358229	9	BLANK	<0.005		0.03	PASS
WH12197783	M358233	9	COARSE	<0.005		0.19	PASS
WH12194656	M359005	1	COARSE	<0.005		0.15	PASS
WH12194656	M359013	1	BLANK	<0.005		0.06	PASS
WH12194656	M359015	1	DUP	0.006		0.47	PASS
WH12194656	M359018	1	KLAZA 3	0.842		9.99	PASS
WH12194656	M359023	1	BLANK	<0.005		0.03	PASS
WH12194656	M359027	1	KLAZA 3	0.797		10.05	PASS
WH12197784	M359040	2	KLAZA 3	0.794		9.84	PASS
WH12197784	M359043	2	BLANK	<0.005		0.02	PASS
WH12197784	M359048	2	COARSE	<0.005		0.1	PASS
WH12197784	M359056	2	BLANK	<0.005		0.01	PASS
WH12197784	M359061	2	KLAZA 3	0.743		9.32	PASS
WH12197784	M359065	2	DUP	<0.005		0.1	PASS
WH12197785	M359076	3	BLANK	<0.005		0.04	PASS
WH12197785	M359078	3	KLAZA 3	0.73		10	PASS
WH12197785	M359086	3	COARSE	<0.005		0.11	PASS
WH12197785	M359090	3	BLANK	<0.005		0.02	PASS
WH12197785	M359094	3	DUP	<0.005		0.04	PASS
WH12197785	M359101	3	KLAZA 3	0.778		9.54	PASS
WH12197786	M359113	4	BLANK	<0.005		0.01	PASS
WH12197786	M359119	4	COARSE	<0.005		0.08	PASS
WH12199386	N813338	1	COARSE	0.028		0.64	PASS
WH12199386	N813349	1	DUP	<0.005		0.07	PASS
WH12199386	N813354	1	KLAZA 3	0.842		9.68	PASS
WH12199386	N813358	1	BLANK	<0.005		0.08	PASS
WH12199386	N813367	1	KLAZA 3	0.773		9.64	PASS

WH12199386	N813371	1	BLANK	<0.005	0.02	PASS
WH12199387	N813374	2	COARSE	<0.005	0.06	PASS
WH12199387	N813378	2	KLAZA 3	0.791	9.62	PASS
WH12199387	N813382	2	DUP	<0.005	0.13	PASS
WH12199387	N813384	2	BLANK	<0.005	0.01	PASS
WH12199387	N813390	2	KLAZA 1	4.25	118	PASS
WH12199387	N813397	2	BLANK	<0.005	0.07	PASS
WH12199388	M354009	3	KLAZA 1	4.5	118	PASS
WH12199388	M354013	3	BLANK	<0.005	0.01	PASS
WH12199388	M354016	3	KLAZA 2	2.34	24.3	PASS
WH12199388	M354020	3	BLANK	<0.005	0.03	PASS
WH12199388	M354039	3	DUP	<0.005	0.12	PASS
WH12199388	M354041	3	COARSE	<0.005	0.04	PASS
WH12199389	M354053	4	DUP	<0.005	0.04	PASS
WH12199389	M353157	4	COARSE	<0.005	0.07	PASS
WH12199389	M354058	4	KLAZA 3	0.756	9.31	PASS
WH12199389	M354061	4	BLANK	<0.005	0.01	PASS
WH12199389	M354072	4	KLAZA 3	0.776	9.38	PASS
WH12199389	M354076	4	BLANK	<0.005	0.01	PASS
WH12199400	M354082	5	DUP	<0.005	0.03	PASS
WH12199400	M354086	5	KLAZA 1	4.46	119	PASS
WH12199400	M354097	5	KLAZA 1	4.37	123	PASS
WH12199400	M354116	5	BLANK	<0.005	0.01	PASS
WH12199400	M354107	5	BLANK	<0.005	0.09	PASS
WH12199400	M354110	5	COARSE	<0.005	0.08	PASS
WH12200378	M354118	6	KLAZA 2	2.37	23.4	PASS
WH12200378	M354123	6	BLANK	<0.005	0.01	PASS
WH12200378	M354129	6	KLAZA 1	4.42	112	PASS
WH12200378	M354140	6	BLANK	<0.005	0.01	PASS
WH12200378	M354147	6	COARSE	<0.005	0.17	PASS
WH12200378	M354150	6	DUP	<0.005	0.1	PASS
WH12200379	M354155	7	BLANK	<0.005	0.01	PASS
WH12201230	M359124	1	BLANK	<0.005	0.07	PASS
WH12201230	M359128	1	DUP	<0.005	0.13	PASS
WH12201230	M359133	1	BLANK	<0.005	0.06	PASS
WH12201230	M359137	1	KLAZA 3	0.748	9.96	PASS
WH12201230	M359148	1	KLAZA 3	0.818	10.3	PASS
WH12201230	M359153	1	COARSE	<0.005	0.12	PASS
WH12201231	M359162	2	KLAZA 3	0.796	10	PASS
WH12201231	M359171	2	BLANK	<0.005	0.1	PASS
WH12201231	M359173	2	DUP	<0.005	0.24	PASS
WH12201231	M359176	2	KLAZA 3	0.808	9.98	PASS
WH12201231	M359183	2	BLANK	<0.005	0.04	PASS
WH12201231	M359188	2	COARSE	<0.005	0.11	PASS
WH12201232	M359195	3	KLAZA 3	0.832	10.05	PASS
WH12201232	M359204	3	BLANK	<0.005	0.04	PASS
WH12201232	M359208	3	DUP	<0.005	0.15	PASS
WH12201232	M359211	3	KLAZA 3	0.77	9.11	PASS
WH12201232	M359215	3	BLANK	<0.005	0.05	PASS
WH12201232	M359223	3	COARSE	<0.005	0.07	PASS
WH12201233	M359232	4	BLANK	<0.005	0.02	PASS
WH12197787	N814727	1	BLANK	<0.005	0.01	PASS
WH12197787	N814729	1	KLAZA 2	2.35	25.3	PASS
WH12197787	N814733	1	COARSE	0.006	0.36	PASS
WH12197787	N814741	1	KLAZA 2	2.29	25	PASS
WH12197787	N814747	1	BLANK	<0.005	0.01	PASS
WH12197787	N814753	1	DUP	0.019	0.32	PASS
WH12198586	N814757	2	KLAZA 2	2.12	23.4	PASS
WH12198586	N814766	2	BLANK	<0.005	0.02	PASS
WH12198586	N814771	2	KLAZA 3	0.686	10.3	PASS
WH12198586	N814777	2	DUP	0.051	0.19	PASS
WH12198586	N814779	2	BLANK	<0.005	0.06	PASS

WH12198586	N814784	2	COARSE	0.017	0.35	PASS
WH12199401	N814795	3	BLANK	0.006	0.24	PASS
WH12199401	N814799	3	DUP	0.017	0.31	PASS
WH12199401	N814804	3	BLANK	0.007	0.41	PASS
WH12199401	N814807	3	KLAZA 2	2.27	23.3	PASS
WH12199401	N814811	3	COARSE	0.014	0.15	PASS
WH12199401	N814820	3	KLAZA 2	2.24	22.2	PASS
WH12199402	N814828	4	KLAZA 3	0.772	9.44	PASS
WH12199402	N814837	4	DUP	0.005	0.38	PASS
WH12199402	N814839	4	BLANK	<0.005	<0.01	PASS
WH12199402	N814843	4	COARSE	0.005	0.16	PASS
WH12199402	N814848	4	BLANK	<0.005	0.01	PASS
WH12199402	N814857	4	KLAZA 3	0.811	10.9	PASS
WH12201234	N814990	1	BLANK	<0.005	0.03	PASS
WH12201234	N814995	1	COARSE	0.01	0.12	PASS
WH12201234	N812806	1	BLANK	<0.005	<0.01	PASS
WH12201234	N812810	1	KLAZA 2	2.3	24.6	PASS
WH12201234	N812816	1	DUP	<0.005	0.14	PASS
WH12201234	N812820	1	KLAZA 3	0.809	9.08	PASS
WH12201235	N812826	2	BLANK	<0.005	0.01	PASS
WH12201235	N812830	2	KLAZA 2	2.31	26.9	PASS
WH12201235	N812837	2	DUP	0.005	0.78	PASS
WH12201235	N812841	2	KLAZA 1	4.52	115	PASS
WH12201235	N812847	2	BLANK	<0.005	0.01	PASS
WH12201235	N812851	2	COARSE	0.014	0.39	PASS
WH12201236	N812860	3	BLANK	<0.005	<0.01	PASS
WH12201236	N812863	3	KLAZA 1	4.53	120	PASS
WH12201236	N812868	3	DUP	0.008	0.17	PASS
WH12201236	N812876	3	COARSE	0.007	0.38	PASS
WH12201236	N812884	3	BLANK	<0.005	0.01	PASS
WH12201236	N812890	3	KLAZA 2	2.29	26.3	PASS
WH12202921	N812897	4	KLAZA 1	4.49	115	PASS
WH12202921	N812902	4	DUP	0.013	0.75	PASS
WH12202921	N812906	4	BLANK	<0.005	0.01	PASS
WH12202921	N812913	4	COARSE	<0.005	0.11	PASS
WH12202921	N812918	4	KLAZA 1	4.46	112	PASS
WH12202921	N812926	4	BLANK	<0.005	2.43	PASS
WH12201237	N812931	5	BLANK	<0.005	0.02	PASS
WH12201237	N812936	5	DUP	0.008	0.61	PASS
WH12201237	N812944	5	KLAZA 1	4.37	112	PASS
WH12201237	N812948	5	BLANK	<0.005	0.01	PASS
WH12201237	N812953	5	KLAZA 2	2.3	25	PASS
WH12201237	N812957	5	COARSE	<0.005	0.11	PASS
WH12201238	N812968	6	BLANK	<0.005	0.01	PASS
WH12201239	M358238	1	DUP	0.693	1.68	PASS
WH12201239	M358241	1	KLAZA 2	2.15	26.4	PASS
WH12201239	M358245	1	BLANK	<0.005	0.01	PASS
WH12201239	M358252	1	KLAZA 1	4.57	121	PASS
WH12201239	M358257	1	BLANK	<0.005	0.02	PASS
WH12201239	M358267	1	COARSE	0.031	0.4	PASS
WH12201430	M358273	2	BLANK	<0.005	0.02	PASS
WH12201430	M358278	2	BLANK	<0.005	0.01	PASS
WH12201430	M358284	2	KLAZA 2	2.23	24.8	PASS
WH12201430	M358289	2	DUP	0.03	0.94	PASS
WH12201430	M358292	2	KLAZA 2	2.17	26	PASS
WH12201430	M358303	2	COARSE	0.041	1.21	PASS
WH12201431	M358309	3	COARSE	0.011	0.82	PASS
WH12201431	M358315	3	BLANK	<0.005	0.01	PASS
WH12201431	M358320	3	DUP	0.018	0.4	PASS
WH12201431	M358323	3	KLAZA 2	2.26	27.4	PASS
WH12201431	M358327	3	BLANK	<0.005	0.01	PASS
WH12201431	M358336	3	KLAZA 2	2.28	26.7	PASS

WH12201432	M358348	4	KLAZA 2	2.28		24.4	PASS		
WH12201432	M358352	4	BLANK	<0.005		0.02	PASS		
WH12201432	M358358	4	DUP	0.021		0.17	PASS		
WH12201432	M358361	4	COARSE	0.009		0.23	PASS		
WH12201432	M358363	4	KLAZA 1	4.26		118	PASS		
WH12201432	M358367	4	BLANK	<0.005		0.03	PASS		
WH12203754	M358385	5	COARSE	0.039		0.38	PASS		
WH12203754	M358391	5	KLAZA 1	4.32		114	PASS		
WH12203754	M358395	5	BLANK	<0.005		0.02	PASS		
WH12203754	M358399	5	KLAZA 2	2.22		24	PASS		
WH12203754	M358402	5	BLANK	<0.005		0.02	PASS		
WH12203754	M358413	5	DUP	0.037		0.52	PASS		
WH12203755	M358418	6	BLANK	<0.005		0.04	PASS		
WH12203755	M358421	6	BLANK	<0.005		0.07	PASS		
WH12203755	M358424	6	KLAZA 2	2.39		24	PASS		
WH12203755	M358432	6	DUP	0.007		0.1	PASS		
WH12203755	M358434	6	KLAZA 2	2.33		23	PASS		
WH12203755	M358441	6	COARSE	0.179		0.67	PASS		
WH12203756	M358457	7	COARSE	0.1		0.4	PASS		
WH12203756	M358464	7	DUP	0.005		0.17	PASS		
WH12203756	M358475	7	KLAZA 1	4.28		117	PASS		
WH12203756	M358479	7	BLANK	<0.005		0.01	PASS		
WH12203756	M358482	7	BLANK	<0.005		0.02	PASS		
WH12203756	M358485	7	KLAZA 3	0.782		9.47	PASS		
WH12205101	M358491	8	COARSE	0.021		0.5	PASS		
WH12205101	M358496	8	BLANK	<0.005		0.01	PASS		
WH12205101	M358500	8	BLANK	<0.005		0.04	PASS		
WH12205101	M358503	8	KLAZA 2	2.36		25.1	PASS		
WH12205101	M358515	8	DUP	0.176		0.33	PASS		
WH12205101	M358518	8	KLAZA 2	2.35		26.2	PASS		
WH12206336	M358529	9	COARSE	0.048		0.46	PASS		
WH12206336	M358532	9	KLAZA 1	4.58		122	PASS		
WH12206336	M358536	9	BLANK	<0.005		0.03	PASS		
WH12206336	M358542	9	KLAZA 2	2.2		26.9	PASS		
WH12206336	M358546	9	BLANK	<0.005		0.02	PASS		
WH12206336	M358551	9	DUP	0.078		0.61	PASS		
WH12206337	M358563	10	KLAZA 1	4.47		120	PASS		
WH12206337	M358567	10	BLANK	<0.005		0.06	PASS		
WH12206337	M358570	10	DUP	0.038		0.99	PASS		
WH12206337	M358573	10	KLAZA 2	2.35		23.9	PASS		
WH12206337	M358577	10	BLANK	<0.005		0.02	PASS		
WH12206337	M358584	10	COARSE	0.014		0.21	PASS		
WH12206338	M357086	1	COARSE	<0.005		0.06	PASS		
WH12206338	M357091	1	BLANK	<0.005	<0.01		PASS		
WH12206338	M357098	1	KLAZA 3	0.767		9.39	PASS		
WH12206338	M357104	1	DUP	<0.005		0.09	PASS		
WH12206338	M357108	1	BLANK	<0.005	<0.01		PASS		
WH12206338	M357114	1	KLAZA 2	2.09		23.5	PASS		
WH12206339/WH12225368	M357124	2	COARSE	<0.005		0.26	PASS	0.26	PASS
WH12206339/WH12225368	M357130	2	KLAZA 3	0.805		11.15	FAIL	9.43	PASS
WH12206339/WH12225368	M357137	2	DUP	<0.005		0.2	PASS	0.18	PASS
WH12206339/WH12225368	M357143	2	BLANK	<0.005		0.05	PASS	0.02	PASS
WH12206339/WH12225368	M357147	2	BLANK	<0.005		0.2	PASS	0.1	PASS
WH12206339/WH12225368	M357152	2	KLAZA 3	0.74		10.4	PASS	10.5	PASS
WH12206360	M357160	3	KLAZA 3	0.76		10.15	PASS		
WH12206360	M357165	3	BLANK	<0.005		0.01	PASS		
WH12206360	M357170	3	COARSE	<0.005		0.24	PASS		
WH12206360	M357174	3	KLAZA 3	0.827		10.25	PASS		
WH12206360	M357179	3	BLANK	<0.005		0.01	PASS		
WH12206360	M357184	3	DUP	<0.005		0.14	PASS		
WH12203757	M354164	1	KLAZA 2	2.27		26.1	PASS		
WH12203757	M354171	1	BLANK	<0.005		0.04	PASS		

WH12203757	M354176	1	DUP	<0.005		0.05	PASS			
WH12203757	M354178	1	COARSE	<0.005		0.1	PASS			
WH12203757	M354181	1	KLAZA 3	0.752		9.69	PASS			
WH12203757	M354188	1	BLANK	<0.005		0.03	PASS			
WH12206363	M354195	2	BLANK	<0.005		0.01	PASS			
WH12206363	M354203	2	KLAZA 3	0.783		9.68	PASS			
WH12206363	M354212	2	COARSE	<0.005		0.05	PASS			
WH12206363	M354215	2	KLAZA 2	2.2		26.1	PASS			
WH12206363	M354220	2	BLANK	<0.005		0.01	PASS			
WH12206363	M354226	2	DUP	<0.005		0.06	PASS			
WH12206364	M354232	3	KLAZA 2	2.25		26.1	PASS			
WH12206364	M354238	3	COARSE	<0.005		0.11	PASS			
WH12206364	M354241	3	BLANK	<0.005		0.1	PASS			
WH12206364	M354247	3	KLAZA 1	4.49		121	PASS			
WH12206364	M354261	3	BLANK	<0.005		0.24	PASS			
WH12206364	M354264	3	DUP	<0.005		0.28	PASS			
WH12205102	M354271	4	BLANK	<0.005		0.01	PASS			
WH12205102	M354275	4	KLAZA 2	2.31		26.4	PASS			
WH12205102	M354279	4	BLANK	<0.005		0.01	PASS			
WH12205102	M354282	4	COARSE	<0.005		0.07	PASS			
WH12201433	M359238	1	COARSE	<0.005		15.45	PASS			
WH12201433	M359246	1	KLAZA 3	0.796		9.62	PASS			
WH12201433	M359249	1	BLANK	<0.005		0.01	PASS			
WH12201433	M359258	1	DUP	<0.005		0.03	PASS			
WH12201433	M359261	1	KLAZA 3	0.812		9.1	PASS			
WH12201433	M359267	1	BLANK	<0.005		0.16	PASS			
WH12201434	M359274	2	DUP	<0.005		0.13	PASS			
WH12201434	M359276	2	BLANK	<0.005		0.01	PASS			
WH12201434	M359288	2	KLAZA 2	2.35		24.2	PASS			
WH12201434	M359290	2	COARSE	<0.005		0.11	PASS			
WH12201434	M359294	2	BLANK	<0.005		0.22	PASS			
WH12201434	M359299	2	KLAZA 3	0.8		9.9	PASS			
WH12203758	M359314	3	BLANK	<0.005		0.01	PASS			
WH12203758	M359316	3	COARSE	<0.005		0.23	PASS			
WH12203758	M359324	3	DUP	<0.005		0.12	PASS			
WH12203758	M359326	3	KLAZA 3	0.779		9.64	PASS			
WH12203758	M359329	3	KLAZA 2	2.35		24.3	PASS			
WH12203758	M359336	3	BLANK	<0.005		0.01	PASS			
WH12203759/WH12225369	M359350	4	COARSE	<0.005		0.12	PASS	0.1	PASS	
WH12203759/WH12225369	M359352	4	KLAZA 3	0.82		11.2	FAIL	10.3	PASS	
WH12203759/WH12225369	M359356	4	BLANK	<0.005		0.01	PASS	0.02	PASS	
WH12203759/WH12225369	M359362	4	DUP	<0.005		0.12	PASS	0.09	PASS	
WH12203759/WH12225369	M359371	4	BLANK	<0.005		0.01	PASS	<0.01	PASS	
WH12203759/WH12225369	M359374	4	KLAZA 3	0.802		9.61	PASS	9.72	PASS	
WH12205103	M359380	5	COARSE	<0.005		0.07	PASS			
WH12205103	M359383	5	KLAZA 3	0.772		9.49	PASS			
WH12205103	M359386	5	BLANK	<0.005	<0.01		PASS			
WH12205103	M359396	5	BLANK	<0.005	<0.01		PASS			
WH12205103	M359399	5	DUP	<0.005		0.1	PASS			
WH12205103	M359406	5	KLAZA 3	0.783		10.2	PASS			
WH12205104	M359417	6	KLAZA 3	0.793		9.75	PASS			
WH12205104	M359420	6	BLANK	<0.005		0.01	PASS			
WH12205104	M359426	6	COARSE	<0.005		0.24	PASS			
WH12205104	M359431	6	BLANK	<0.005		0.01	PASS			
WH12203770	M357007	1	KLAZA 3	0.825		9.28	PASS			
WH12203770	M357012	1	BLANK	<0.005		0.01	PASS			
WH12203770	M357017	1	DUP	<0.005		0.14	PASS			
WH12203770	M357024	1	KLAZA 2	2.3		24.9	PASS			
WH12203770	M357029	1	COARSE	0.007		0.51	PASS			
WH12203770	M357033	1	BLANK	<0.005		0.04	PASS			
WH12206365	M357044	2	KLAZA 1	4.54		118	PASS			
WH12206365	M357048	2	BLANK	<0.005		0.2	PASS			

WH12206365	M357053	2	BLANK	<0.005		0.04	PASS
WH12206365	M357058	2	KLAZA 2	2.29		24.7	PASS
WH12206365	M357065	2	COARSE	0.071		14.25	PASS
WH12206365	M357070	2	DUP	<0.005		0.12	PASS
WH12209427	M357077	3	KLAZA 3	0.761		9.35	PASS
WH12203772	N812978	1	KLAZA 2	2.06		24.1	PASS
WH12203772	N812981	1	DUP	0.03		0.45	PASS
WH12203772	N812987	1	KLAZA 1	4.58		117	PASS
WH12203772	N812995	1	BLANK	<0.005		0.02	PASS
WH12203772	N813000	1	COARSE	0.102		0.57	PASS
WH12203772	N810853	1	BLANK	<0.005		0.01	PASS
WH12203771	N810864	2	COARSE	0.142		0.5	PASS
WH12203771	N810867	2	KLAZA 2	2.24		27.1	PASS
WH12203771	N810870	2	DUP	0.071		0.48	PASS
WH12203771	N810874	2	BLANK	<0.005		0.01	PASS
WH12203771	N810879	2	BLANK	<0.005		0.07	PASS
WH12203771	N810887	2	KLAZA 2	2.3		26	PASS
WH12206366	N810893	3	KLAZA 2	2.36		24.4	PASS
WH12206366	N810897	3	COARSE	0.104		0.33	PASS
WH12206366	N810901	3	KLAZA 2	2.25		24	PASS
WH12206366	N810907	3	DUP	0.039		0.3	PASS
WH12206366	N810919	3	BLANK	<0.005		0.02	PASS
WH12206366	N810924	3	BLANK	<0.005		0.03	PASS
WH12206367	N810930	4	KLAZA 2	2.27		24.6	PASS
WH12206367	N810934	4	COARSE	0.028		0.3	PASS
WH12206367	N810940	4	BLANK	<0.005		0.03	PASS
WH12206367	N810944	4	DUP	0.013		0.14	PASS
WH12206367	N810949	4	KLAZA 3	0.784		9.31	PASS
WH12206367	N810957	4	BLANK	<0.005		0.01	PASS
WH12206368	N810965	5	KLAZA 3	0.744		9.45	PASS
WH12206368	N810972	5	BLANK	<0.005		0.02	PASS
WH12206368	N810976	5	DUP	0.152		0.52	PASS
WH12206368	N810987	5	KLAZA 2	2.18		26.7	PASS
WH12206368	N810995	5	COARSE	0.063		1.68	PASS
WH12206368	N810999	5	BLANK	<0.005		0.07	PASS
WH12206369	N812570	6	COARSE	0.059		0.61	PASS
WH12206369	N812573	6	KLAZA 2	2.21		25.6	PASS
WH12206369	N812577	6	BLANK	<0.005		0.02	PASS
WH12206369	N812588	6	BLANK	<0.005		0.02	PASS
WH12206369	N812593	6	KLAZA 2	2.33		25	PASS
WH12206369	N812597	6	DUP	0.011		0.15	PASS
WH12207080	N812605	7	DUP	0.082		0.45	PASS
WH12207080	N812609	7	BLANK	<0.005	<0.01		PASS
WH12207080	N812612	7	KLAZA 3	0.769		9.44	PASS
WH12207080	N812617	7	KLAZA 2	2.21		25.9	PASS
WH12207080	N812620	7	COARSE	0.015		0.18	PASS
WH12207080	N812626	7	BLANK	<0.005		0.02	PASS
WH12207081	N812641	8	COARSE	0.025		0.14	PASS
WH12207081	N812645	8	BLANK	<0.005		0.01	PASS
WH12207081	N812648	8	BLANK	<0.005		0.02	PASS
WH12207081	N812654	8	KLAZA 1	4.44		116	PASS
WH12207081	N812665	8	KLAZA 2	2.3		24.4	PASS
WH12207081	N812667	8	DUP	0.052		0.1	PASS
WH12207082	N812676	9	KLAZA 1	4.39		118	PASS
WH12207082	N812681	9	KLAZA 2	2.28		25	PASS
WH12207082	N812683	9	DUP	0.012		0.19	PASS
WH12207082	N812696	9	COARSE	0.01		0.28	PASS
WH12207082	N812704	9	BLANK	<0.005		0.02	PASS
WH12207082	N812706	9	BLANK	<0.005		0.01	PASS
WH12207083	N812719	10	BLANK	<0.005		0.08	PASS
WH12207083	N812728	10	COARSE	0.05		0.73	PASS
WH12207083	N812731	10	DUP	<0.005		0.18	PASS

WH12206362	M359441	1	KLAZA 2	2.38		26.3	PASS
WH12206362	M359447	1	COARSE	0.006		0.56	PASS
WH12206362	M359450	1	BLANK	<0.005		0.44	PASS
WH12206362	M359454	1	DUP	0.021		1.07	PASS
WH12206362	M359458	1	KLAZA 2	2.32		25.7	PASS
WH12206362	M359463	1	BLANK	<0.005		0.16	PASS
WH12207084	M359474	2	BLANK	<0.005		0.05	PASS
WH12207084	M359478	2	KLAZA 2	2.19		26.5	PASS
WH12207084	M359484	2	COARSE	<0.005		0.18	PASS
WH12207084	M359488	2	BLANK	<0.005		0.04	PASS
WH12207084	M359493	2	DUP	<0.005		0.38	PASS
WH12207084	M359502	2	KLAZA 3	0.769		9.53	PASS
WH12209620	M359511	3	COARSE	<0.005		0.16	PASS
WH12209620	M359514	3	BLANK	<0.005		0.04	PASS
WH12209620	M359518	3	KLAZA 2	2.15		24.5	PASS
WH12209620	M359523	3	BLANK	<0.005	<0.01		PASS
WH12209620	M359528	3	DUP	<0.005		0.2	PASS
WH12209620	M359533	3	KLAZA 2	2.19		25.5	PASS
WH12209428	M359544	4	BLANK	<0.005		0.08	PASS
WH12209428	M359552	4	DUP	<0.005		0.1	PASS
WH12209428	M359558	4	KLAZA 2	2.28		24.6	PASS
WH12209428	M359563	4	BLANK	<0.005		0.08	PASS
WH12209428	M359565	4	KLAZA 2	2.3		24.6	PASS
WH12209428	M359572	4	COARSE	0.012		0.13	PASS
WH12210741	M359579	5	KLAZA 1	4.48		121	PASS
WH12210741	M359583	5	BLANK	<0.005		0.02	PASS
WH12210741	M359586	5	COARSE	<0.005		0.16	PASS
WH12210741	M359590	5	DUP	<0.005		0.1	PASS
WH12210741	M359598	5	BLANK	<0.005		0.01	PASS
WH12210741	M359601	5	KLAZA 2	2.31		24.1	PASS
WH12210742	M359615	6	KLAZA 2	2.2		24.9	PASS
WH12210742	M359619	6	BLANK	<0.005		0.06	PASS
WH12210742	M359625	6	KLAZA 1	4.75		120	PASS
WH12210742	M359629	6	BLANK	<0.005		0.2	PASS
WH12210742	M359634	6	COARSE	<0.005		0.24	PASS
WH12210742	M359641	6	DUP	<0.005		0.23	PASS
WH12210743	M359651	7	BLANK	<0.005		0.07	PASS
WH12210743	M359658	7	BLANK	<0.005		0.05	PASS
WH12210743	M359661	7	COARSE	<0.005		0.22	PASS
WH12209429	M358602	1	COARSE	0.008		0.14	PASS
WH12209429	M358607	1	DUP	0.006		0.12	PASS
WH12209429	M358612	1	KLAZA 2	2.25		22.8	PASS
WH12209429	M358616	1	BLANK	<0.005		0.01	PASS
WH12209429	M358622	1	KLAZA 2	2.43		23.8	PASS
WH12209429	M358626	1	BLANK	<0.005		0.05	PASS
WH12212393	M358631	2	BLANK	<0.005		0.03	PASS
WH12212393	M358633	2	KLAZA 2	2.09		26.1	PASS
WH12212393	M358636	2	BLANK	<0.005		0.05	PASS
WH12212393	M358649	2	COARSE	0.03		0.65	PASS
WH12212393	M358657	2	KLAZA 3	0.847		10.35	PASS
WH12212393	M358664	2	DUP	0.024		0.25	PASS
WH12210744	M358670	3	DUP	0.011		0.43	PASS
WH12210744	M358672	3	KLAZA 2	2.38		26.3	PASS
WH12210744	M358675	3	BLANK	0.005		0.15	PASS
WH12210744	M358682	3	BLANK	<0.005		0.05	PASS
WH12210744	M358686	3	KLAZA 2	2.28		27.5	PASS
WH12210744	M358694	3	COARSE	0.015		1.33	PASS
WH12210745	M358710	4	COARSE	0.005		0.47	PASS
WH12210745	M358713	4	BLANK	<0.005		0.26	PASS
WH12210745	M358720	4	KLAZA 2	2.3		25.9	PASS
WH12210745	M358724	4	DUP	0.022		0.5	PASS
WH12210745	M358726	4	BLANK	<0.005		0.03	PASS

WH12210745	M358729	4	KLAZA 1	4.08	123	PASS
WH12210746	M358739	5	BLANK	<0.005	0.03	PASS
WH12210746	M358750	5	KLAZA 2	2.37	24.5	PASS
WH12210746	M358754	5	BLANK	<0.005	0.02	PASS
WH12210746	M358758	5	COARSE	0.01	0.64	PASS
WH12210746	M358762	5	KLAZA 3	0.792	9.28	PASS
WH12210746	M358766	5	DUP	0.005	0.43	PASS
WH12210747	M358776	6	KLAZA 1	4.43	122	PASS
WH12210747	M358780	6	BLANK	<0.005	0.06	PASS
WH12210747	M358787	6	BLANK	<0.005	0.05	PASS
WH12210747	M358794	6	DUP	0.008	0.29	PASS
WH12210747	M358798	6	KLAZA 2	2.28	24	PASS
WH12210747	M358803	6	COARSE	0.019	0.74	PASS
WH12210748	M358812	7	KLAZA 2	2.29	26.7	PASS
WH12210748	M358817	7	BLANK	<0.005	0.08	PASS
WH12210748	M358824	7	COARSE	0.006	0.56	PASS
WH12210748	M358829	7	BLANK	<0.005	0.1	PASS
WH12210748	M358837	7	DUP	<0.005	0.28	PASS
WH12210748	M358839	7	KLAZA 3	0.851	10.8	PASS
WH12207085	M357201	1	KLAZA 3	0.757	9.26	PASS
WH12207085	M357208	1	COARSE	<0.005	0.25	PASS
WH12207085	M357214	1	BLANK	<0.005	0.01	PASS
WH12207085	M357219	1	BLANK	<0.005	0.08	PASS
WH12207085	M357223	1	DUP	<0.005	0.06	PASS
WH12207085	M357227	1	KLAZA 3	0.781	9.07	PASS
WH12207086	M357237	2	COARSE	<0.005	0.1	PASS
WH12207086	M357242	2	DUP	<0.005	0.12	PASS
WH12207086	M357248	2	KLAZA 3	0.747	9.71	PASS
WH12207086	M357254	2	BLANK	<0.005	0.02	PASS
WH12207086	M357259	2	KLAZA 3	0.755	10.65	PASS
WH12207086	M357265	2	BLANK	<0.005	0.01	PASS
WH12209621	M357273	3	COARSE	<0.005	0.12	PASS
WH12209621	M357279	3	KLAZA 3	0.769	9.95	PASS
WH12209621	M357284	3	BLANK	<0.005	0.01	PASS
WH12209621	M357290	3	KLAZA 2	2.2	25.6	PASS
WH12209621	M357295	3	BLANK	<0.005	0.04	PASS
WH12209621	M357300	3	DUP	<0.005	0.12	PASS
WH12210749	M357308	4	KLAZA 3	0.798	10.1	PASS
WH12210749	M357313	4	KLAZA 2	2.28	26.8	PASS
WH12210749	M357316	4	BLANK	<0.005	0.05	PASS
WH12210749	M357324	4	BLANK	<0.005	0.1	PASS
WH12210749	M357330	4	DUP	<0.005	0.06	PASS
WH12210749	M357337	4	COARSE	<0.005	0.16	PASS
WH12212350	M357343	5	KLAZA 2	2.3	23.8	PASS
WH12212350	M357347	5	BLANK	<0.005	0.02	PASS
WH12212350	M357353	5	DUP	0.005	0.15	PASS
WH12212350	M357359	5	COARSE	<0.005	0.28	PASS
WH12212350	M357364	5	KLAZA 1	4.45	117	PASS
WH12212350	M357369	5	BLANK	<0.005	0.05	PASS
WH12212351	M357381	6	DUP	0.006	0.1	PASS
WH12212351	M357384	6	KLAZA 2	2.3	25.1	PASS
WH12212351	M357388	6	BLANK	<0.005	0.06	PASS
WH12212351	M357393	6	COARSE	<0.005	0.18	PASS
WH12212351	M357400	6	BLANK	<0.005	0.04	PASS
WH12212351	M357407	6	KLAZA 2	2.34	23.7	PASS
WH12212352	M357414	7	COARSE	<0.005	0.13	PASS
WH12212354	M357424	1	COARSE	0.118	0.69	PASS
WH12212354	M357428	1	KLAZA 2	2.22	25.9	PASS
WH12212354	M357435	1	KLAZA 2	2.18	23.3	PASS
WH12212354	M357442	1	BLANK	<0.005	0.32	PASS
WH12212354	M357447	1	DUP	<0.005	0.4	PASS
WH12212354	M357451	1	BLANK	<0.005	0.05	PASS

WH12212394	M357457	2	KLAZA 2	2.22		24.6	PASS
WH12212394	M357464	2	DUP	0.081		0.35	PASS
WH12212394	M357470	2	BLANK	<0.005		0.04	PASS
WH12212394	M357475	2	COARSE	<0.005		0.17	PASS
WH12212394	M357480	2	KLAZA 2	2.3		25.5	PASS
WH12212394	M357487	2	BLANK	<0.005		0.03	PASS
WH12212353	M357491	3	KLAZA 1	4.43		113	PASS
WH12212353	M357496	3	BLANK	0.07		0.11	PASS
WH12212353	M357501	3	COARSE	0.055		0.39	PASS
WH12212353	M357508	3	KLAZA 1	4.46		115	PASS
WH12212353	M357512	3	BLANK	<0.005		0.02	PASS
WH12212353	M357518	3	DUP	0.111		0.45	PASS
WH12213660	M357528	4	BLANK	<0.005		0.16	PASS
WH12213660	M357533	4	DUP	<0.005		0.13	PASS
WH12213660	M357536	4	KLAZA 1	4.26		122	PASS
WH12213660	M357540	4	BLANK	0.005		0.04	PASS
WH12213660	M357548	4	KLAZA 1	4.6		112	PASS
WH12213660	M357558	4	COARSE	0.159		1.03	PASS
WH12213664	M357566	5	DUP	0.018		0.3	PASS
WH12213664	M357571	5	KLAZA 1	4.44		116	PASS
WH12213664	M357575	5	BLANK	<0.005		0.09	PASS
WH12213664	M357581	5	COARSE	0.013		0.3	PASS
WH12213664	M357586	5	KLAZA 2	2.35		25.6	PASS
WH12213664	M357595	5	BLANK	0.006		0.07	PASS
WH12213661	M357603	6	COARSE	0.009		0.18	PASS
WH12213661	M357607	6	BLANK	<0.005		0.04	PASS
WH12213661	M357614	6	KLAZA 2	2.36		26.3	PASS
WH12213661	M357619	6	BLANK	<0.005		0.1	PASS
WH12213662	M359666	1	KLAZA 2	2.15		25	PASS
WH12213662	M359672	1	COARSE	0.116		0.63	PASS
WH12213662	M359681	1	DUP	0.021		0.23	PASS
WH12213662	M359685	1	KLAZA 2	2.31		24.6	PASS
WH12213662	M359689	1	BLANK	<0.005		0.01	PASS
WH12213662	M359696	1	BLANK	<0.005		0.02	PASS
WH12216600	M359704	2	COARSE	0.018		0.6	PASS
WH12216600	M359710	2	KLAZA 1	4.38		120	PASS
WH12216600	M359716	2	BLANK	<0.005		0.31	PASS
WH12216600	M359719	2	BLANK	<0.005		0.06	PASS
WH12216600	M359726	2	DUP	0.033		0.4	PASS
WH12216600	M359730	2	KLAZA 3	0.746		9.74	PASS
WH12213663	M359738	3	KLAZA 2	2.25		24.9	PASS
WH12213663	M359744	3	BLANK	<0.005		0.06	PASS
WH12213663	M359750	3	COARSE	0.01		0.31	PASS
WH12213663	M359754	3	KLAZA 2	2.28		26.5	PASS
WH12213663	M359763	3	BLANK	<0.005		0.08	PASS
WH12213663	M359768	3	DUP	0.009		0.34	PASS
WH12215628	M359775	4	COARSE	0.025		0.62	PASS
WH12215628	M359778	4	KLAZA 2	2.24		26.7	PASS
WH12215628	M359785	4	BLANK	<0.005		0.06	PASS
WH12215628	M359790	4	BLANK	<0.005	<0.01		PASS
WH12215628	M359801	4	DUP	0.025		0.41	PASS
WH12215628	M359803	4	KLAZA 2	2.29		25	PASS
WH12216606	M359813	5	KLAZA 2	2.26		25.6	PASS
WH12216606	M359818	5	BLANK	<0.005		0.02	PASS
WH12216606	M359823	5	COARSE	0.086		1.72	PASS
WH12216606	M359828	5	KLAZA 3	0.823		10	PASS
WH12216606	M359832	5	DUP	0.027		0.33	PASS
WH12216606	M359842	5	BLANK	<0.005		0.01	PASS
WH12215625	M359849	6	BLANK	<0.005	<0.01		PASS
WH12215625	M359852	6	COARSE	0.024		0.54	PASS
WH12215625	M359860	6	KLAZA 2	2.37		27.9	PASS
WH12215625	M359863	6	DUP	0.03		0.35	PASS

WH12215625	M359869	6	BLANK	<0.005		0.01	PASS
WH12215625	M359873	6	KLAZA 2	2.38		25.2	PASS
WH12215623	M359882	7	COARSE	0.173		0.6	PASS
WH12215623	M359885	7	BLANK	<0.005		0.13	PASS
WH12215623	M359889	7	BLANK	<0.005		0.09	PASS
WH12213665	M357631	1	COARSE	<0.005		0.16	PASS
WH12213665	M357638	1	KLAZA 3	0.774		9.08	PASS
WH12213665	M357644	1	KLAZA 1	4.55		121	PASS
WH12213665	M357648	1	BLANK	<0.005		0.11	PASS
WH12213665	M357651	1	DUP	0.012		0.77	PASS
WH12213665	M357658	1	BLANK	<0.005		0.01	PASS
WH12213666	M357665	2	BLANK	<0.005		0.01	PASS
WH12213666	M357671	2	KLAZA 3	0.755		9.93	PASS
WH12213666	M357677 (6)	2	KLAZA 2	2.25		25.8	PASS
WH12213666	M357684	2	DUP	<0.005		0.14	PASS
WH12213666	M357690	2	COARSE	0.009		0.22	PASS
WH12213666	M357695	2	BLANK	<0.005		0.02	PASS
WH12213667	M357703	3	COARSE	<0.005		0.18	PASS
WH12213667	M357709	3	KLAZA 3	0.734		9.88	PASS
WH12213667	M357715	3	BLANK	<0.005		0.01	PASS
WH12213667	M357722	3	BLANK	<0.005		0.02	PASS
WH12213667	M357726	3	DUP	<0.005		0.13	PASS
WH12213667	M357730	3	KLAZA 3	0.792		10.4	PASS
WH12213668	M357735	4	BLANK	<0.005		0.07	PASS
WH12213668	M357741	4	COARSE	0.028		0.33	PASS
WH12213668	M357745	4	KLAZA 1	4.48		124	PASS
WH12213668	M357749	4	BLANK	<0.005		0.09	PASS
WH12213668	M357754	4	DUP	<0.005		0.15	PASS
WH12213668	M357759	4	KLAZA 3	0.823		10.15	PASS
WH12216603	M357774	5	COARSE	0.006		0.15	PASS
WH12216603	M357780	5	KLAZA 3	0.773		10.05	PASS
WH12216603	M357785	5	BLANK	<0.005	<0.01		PASS
WH12216603	M357789	5	KLAZA 2	2.16		25.3	PASS
WH12216603	M357795	5	DUP	0.121		0.63	PASS
WH12216603	M357801	5	BLANK	<0.005		0.02	PASS
WH12215626	M357807	6	KLAZA 2	2.26		24.8	PASS
WH12215626	M357813	6	BLANK	<0.005		0.01	PASS
WH12215626	M357818	6	COARSE	<0.005		0.57	PASS
WH12215626	M357825	6	KLAZA 3	0.754		9.07	PASS
WH12215626	M357831	6	DUP	<0.005		0.02	PASS
WH12215626	M357839	6	BLANK	<0.005		0.01	PASS
WH12215624	M357847	7	COARSE	<0.005		0.03	PASS
WH12215624	M357852	7	KLAZA 2	2.14		24.8	PASS
WH12215624	M357858	7	BLANK	<0.005		0.21	PASS
WH12215624	M357864	7	KLAZA 3	0.765		9.68	PASS
WH12215624	M357870	7	BLANK	<0.005		0.03	PASS
WH12216601	M358855	1	KLAZA 3	0.777		9.16	PASS
WH12216601	M358862	1	DUP	0.07		1.2	PASS
WH12216601	M358866	1	KLAZA 3	0.807		10.6	PASS
WH12216601	M358874	1	BLANK	<0.005		0.01	PASS
WH12216601	M358877	1	COARSE	0.062		1.28	PASS
WH12216601	M358880	1	BLANK	<0.005		0.01	PASS
WH12216604	M358882 (3)	2	KLAZA 2	2.29		24.5	PASS
WH12216604	M358887	2	BLANK	<0.005		0.01	PASS
WH12216604	M358892	2	BLANK	<0.005		0.02	PASS
WH12216604	M358900	2	COARSE	0.027		0.31	PASS
WH12216604	M358909	2	KLAZA 3	0.841		9.18	PASS
WH12216604	M358915	2	DUP	0.018		0.49	PASS
WH12216605	M358921	3	COARSE	0.043		0.41	PASS
WH12216605	M358927	3	KLAZA 2	2.17		24.9	PASS
WH12216605	M358933	3	BLANK	<0.005		0.02	PASS

WH12216605	M358938 (7)	3	KL-STD-1	4.4	120	PASS
WH12216605	M358941	3	DUP	0.013	0.45	PASS
WH12216605	M358944	3	BLANK	<0.005	0.03	PASS
WH12216607	M358958	4	BLANK	<0.005	0.02	PASS
WH12216607	M358965	4	COARSE	0.053	0.48	PASS
WH12216607	M358970	4	DUP	0.62	0.73	PASS
WH12216607	M358975	4	KLAZA 3	0.803	9.76	PASS
WH12216607	M358981	4	BLANK	<0.005	0.03	PASS
WH12216607	M358985	4	KLAZA 3	0.757	8.96	PASS
WH12216602	M358992	5	BLANK	<0.005	0.02	PASS
WH12216602	M358998	5	KLAZA 3	0.793	9.91	PASS
WH12216602	M354306	5	COARSE	0.035	0.44	PASS
WH12216602	M354309	5	DUP	0.021	0.74	PASS
WH12216602	M354313	5	KLAZA 3	0.762	9.83	PASS
WH12216602	M354319	5	BLANK	<0.005	0.02	PASS
WH12219177	M354330	6	KLAZA 3	0.793	10.05	PASS
WH12219177	M354335	6	DUP	0.021	0.56	PASS
WH12219177	M354339	6	BLANK	<0.005	0.04	PASS
WH12219177	M354345	6	COARSE	0.017	0.63	PASS
WH12219177	M354351	6	KLAZA 3	0.776	10.9	PASS
WH12219177	M354359	6	BLANK	<0.005	0.05	PASS
WH12216608/WH12230220	M354365	7	BLANK	<0.005	0.02	PASS
WH12216608/WH12230220	M354370	7	COARSE	0.018	0.39	PASS
WH12216608/WH12230220	M354376	7	KLAZA 2	0.276	106	PASS
WH12216608/WH12230220	M354384	7	KLAZA 2	2.32	24.3	PASS
WH12216608/WH12230220	M354389	7	BLANK	<0.005	0.02	PASS
WH12216608/WH12230220	M354393	7	DUP	0.012	0.37	PASS
WH12219178	M354400	8	KLAZA 2	2.21	25.2	PASS
WH12219178	M354405	8	BLANK	<0.005	0.04	PASS
WH12219178	M354409	8	COARSE	0.021	0.53	PASS
WH12219178	M354414	8	BLANK	<0.005	0.02	PASS
WH12215627	M357878	1	KLAZA 3	0.862	8.82	PASS
WH12215627	M357884	1	BLANK	<0.005	0.03	PASS
WH12215627	M357889	1	BLANK	<0.005	0.02	PASS
WH12215627	M357893	1	KLAZA 3	0.785	10.4	PASS
WH12215627	M357898	1	DUP	<0.005	0.03	PASS
WH12215627	M357903	1	COARSE	<0.005	0.2	PASS
WH12219179	M357911	2	BLANK	<0.005	0.01	PASS
WH12219179	M357917	2	KLAZA 2	2.2	24.9	PASS
WH12219179	M357925	2	DUP	0.005	0.27	PASS
WH12219179	M357930	2	KLAZA 3	0.812	9.71	PASS
WH12219179	M357936	2	COARSE	<0.005	0.23	PASS
WH12219179	M357942	2	BLANK	<0.005	0.04	PASS
WH12219210	M357948	3	KLAZA 2	2.23	25	PASS
WH12219210	M357952	3	BLANK	<0.005	0.02	PASS
WH12219210	M357958	3	KLAZA 2	2.3	25.2	PASS
WH12219210	M357962	3	BLANK	<0.005	0.08	PASS
WH12219210	M357969	3	COARSE	0.011	0.3	PASS
WH12219210	M357976	3	DUP	<0.005	0.29	PASS
WH12219211	M357984	4	CDN-ME-6	0.255	102	PASS
WH12219211	M357989	4	COARSE	0.029	0.59	PASS
WH12219211	M357995	4	BLANK	<0.005	0.01	PASS
WH12219211	M356501	4	CDN-ME-6	0.264	102	PASS
WH12219211	M356506	4	DUP	<0.005	0.12	PASS
WH12219211	M356513	4	BLANK	<0.005	0.01	PASS
WH12219212	M356521	5	COARSE	0.012	0.24	PASS
WH12219212	M356525	5	CDN-ME-6	0.255	101	PASS
WH12219212	M356530	5	DUP	0.015	0.23	PASS
WH12219212	M356538	5	CDN-ME-6	0.255	100	PASS
WH12219212	M356543	5	BLANK	<0.005	0.02	PASS
WH12219212	M356549	5	BLANK	<0.005	0.04	PASS
WH12219213	M356555	6	KLAZA 2	2.24	24.4	PASS

WH12219213	M356559	6	BLANK	<0.005		0.02	PASS
WH12219213	M356564	6	KLAZA 1	4.57		119	PASS
WH12219213	M356568	6	BLANK	<0.005		0.03	PASS
WH12219213	M356574	6	COARSE	0.11		2.52	PASS
WH12219213	M356579	6	DUP	0.07		0.19	PASS
WH12219214	M356592	7	BLANK	<0.005	<0.01		PASS
WH12219214	M356599	7	KLAZA 2	2.31		24.7	PASS
WH12219215	M359897	1	BLANK	<0.005		0.1	PASS
WH12219215	M359902	1	COARSE	0.028		0.07	PASS
WH12219215	M359906	1	CDN-ME-0	0.24		101	PASS
WH12219215	M359910	1	DUP	0.035		0.56	PASS
WH12219215	M359913	1	KLAZA 2	2.32		26.2	PASS
WH12219215	M359919	1	BLANK	<0.005		0.09	PASS
WH12219216	M359931	2	BLANK	<0.005		0.02	PASS
WH12219216	M359935	2	COARSE	0.023		0.31	PASS
WH12219216	M359938	2	CDN-ME-0	0.311		100	PASS
WH12219216	M359946	2	KLAZA 2	2.3		26.6	PASS
WH12219216	M359950	2	BLANK	<0.005		0.01	PASS
WH12219216	M359962	2	DUP	0.058		0.18	PASS
WH12219217	M359966	3	CDN-ME-0	0.272		102	PASS
WH12219217	M359973	3	COARSE	0.023		0.06	PASS
WH12219217	M359977	3	BLANK	0.012		0.02	PASS
WH12219217	M359985	3	KLAZA 1	4.89		117	PASS
WH12219217	M359991	3	BLANK	<0.005		0.02	PASS
WH12219217	M359998	3	DUP	0.038		0.13	PASS
WH12219218	M360004	4	KLAZA 2	2.29		25.9	PASS
WH12219218	M360009	4	BLANK	<0.005		0.06	PASS
WH12219218	M360012	4	DUP	0.056		0.24	PASS
WH12219218	M360020	4	KLAZA 2	2.25		24.9	PASS
WH12219218	M360026	4	BLANK	<0.005		0.15	PASS
WH12219218	M360035	4	COARSE	0.035		0.59	PASS
WH12219219	M360039	5	KLAZA 2	2.3		25.4	PASS
WH12219219	M360043	5	BLANK	<0.005		0.02	PASS
WH12219219	M360047	5	COARSE	<0.005		0.12	PASS
WH12219219	M360050	5	KLAZA 2	2.25		23.8	PASS
WH12219219	M360054	5	BLANK	<0.005		0.03	PASS
WH12219219	M360067	5	DUP	0.01		0.77	PASS
WH12219450	M360078	6	COARSE	<0.005		0.18	PASS
WH12219450	M360081	6	KLAZA 2	2.29		25.3	PASS
WH12219450	M360089	6	BLANK	<0.005		0.01	PASS
WH12219450	M360092	6	KLAZA 2	2.22		27.3	PASS
WH12219450	M360097	6	BLANK	<0.005		0.01	PASS
WH12219450	M360105	6	DUP	0.112		0.5	PASS
WH12219451	M360113	7	KLAZA 2	2.18		24.7	PASS
WH12219451	M360118	7	BLANK	<0.005		0.16	PASS
WH12219451	M360125	7	BLANK	<0.005		0.11	PASS
WH12219451	M360132	7	COARSE	<0.005		0.04	PASS
WH12219451	M360135	7	DUP	0.212		12.25	PASS
WH12219452	M354420	1	KLAZA 3	0.699		9.58	PASS
WH12219452	M354426	1	BLANK	<0.005		0.07	PASS
WH12219452	M354431	1	COARSE	0.034		0.15	PASS
WH12219452	M354436	1	BLANK	<0.005		0.01	PASS
WH12219452	M354444	1	DUP	0.079		1.19	PASS
WH12219452	M354451	1	KLAZA 3	0.787		9.75	PASS
WH12219453	M354457	2	CDN-ME-0	0.285		103	PASS
WH12219453	M354463	2	COARSE	<0.005		0.15	PASS
WH12219453	M354468	2	BLANK	<0.005		0.06	PASS
WH12219453	M354475	2	KLAZA 2	2.33		25.3	PASS
WH12219453	M354480	2	BLANK	<0.005		0.09	PASS
WH12219453	M354484	2	DUP	0.032		0.78	PASS
WH12219351	M354494	3	CDN-ME-0	0.276		100	PASS
WH12219351	M354500	3	BLANK	<0.005		0.01	PASS

WH12219351	M354504	3	DUP	<0.005		0.65	PASS
WH12219351	M354511	3	KLAZA 1	4.35		121	PASS
WH12219351	M354520	3	BLANK	<0.005	<0.01		PASS
WH12219351	M354524	3	COARSE	0.014		1	PASS
WH12219352	M354528	4	KLAZA 1	4.64		119	PASS
WH12219352	M354534	4	BLANK	<0.005		0.01	PASS
WH12219352	M354537	4	DUP	<0.005		0.16	PASS
WH12219352	M354541	4	KLAZA 1	4.31		117	PASS
WH12219352	M354544	4	BLANK	0.005		0.08	PASS
WH12219454	M356609	1	CDN-ME-6	0.3		97	PASS
WH12219454	M356615	1	BLANK	<0.005		0.02	PASS
WH12219454	M356621	1	KLAZA 1	4.56		115	PASS
WH12219454	M356625	1	BLANK	<0.005		0.03	PASS
WH12219454	M356631	1	DUP	0.242		2.43	PASS
WH12219454	M356636	1	COARSE	0.127		2.43	PASS
WH12219455	M356645	2	KLAZA 2	2.25		25.7	PASS
WH12219455	M356649	2	BLANK	<0.005		0.01	PASS
WH12219455	M356654	2	COARSE	0.127		0.9	PASS
WH12219455	M356661	2	CDN-ME-6	0.304		106	PASS
WH12219455	M356668	2	BLANK	<0.005		0.03	PASS
WH12219455	M356673	2	DUP	0.093		2.55	PASS
WH12219353	M356682	3	BLANK	<0.005		0.04	PASS
WH12219353	M356689	3	BLANK	<0.005		0.04	PASS
WH12219353	M356694	3	COARSE	0.03		0.78	PASS
WH12219353	M356701	3	CDN-ME-6	0.285		99.3	PASS
WH12219353	M356706	3	DUP	0.035		1.5	PASS
WH12219353	M356710	3	CDN-ME-6	0.274		99.7	PASS
WH12219354	M356718	4	DUP	0.038		0.74	PASS
WH12219354	M356721	4	CDN-ME-6	0.285		99.4	PASS
WH12219354	M356725	4	BLANK	<0.005		0.02	PASS
WH12219354	M356730	4	KLAZA 2	2.26		24.9	PASS
WH12219354	M356734	4	BLANK	<0.005		0.07	PASS
WH12219354	M356742	4	COARSE	0.192		2.04	PASS
WH12219355	M356753	5	KLAZA 2	2.39		24.9	PASS
WH12219355	M356756	5	BLANK	<0.005		0.04	PASS
WH12219355	M356760	5	COARSE	0.032		1.14	PASS
WH12219355	M356765	5	DUP	0.031		0.99	PASS
WH12219355	M356769	5	KLAZA 1	4.43		119	PASS
WH12219355	M356773	5	BLANK	<0.005		0.02	PASS
WH12219356	M356787	6	BLANK	<0.005		0.04	PASS
WH12219356	M356792	6	COARSE	0.027		1.13	PASS
WH12219356	M356796	6	KLAZA 1	4.37		124	PASS
WH12219356	M356801	6	BLANK	<0.005		0.03	PASS
WH12219356	M356806	6	KLAZA 2	2.29		26.9	PASS
WH12219357	M356145	1	BLANK	<0.005		0.03	PASS
WH12219357	M356148	1	KLAZA 1	4.35		113	PASS
WH12219357	M356155	1	DUP	<0.005		0.08	PASS
WH12219357	M356159	1	KLAZA 1	4.34		123	PASS
WH12219357	M356166	1	BLANK	0.37			PASS
WH12219357	M356169	1	COARSE	<0.005		0.02	PASS
WH12219505	M356179	2	KLAZA 1	4.38		120	PASS
WH12219505	M356183	2	BLANK	<0.005		0.02	PASS
WH12219505	M356187	2	KLAZA 2	2.25		24	PASS
WH12219505	M356193	2	BLANK	<0.005		0.16	PASS
WH12219505	M356196	2	COARSE	0.005		0.4	PASS
WH12219505	M356202	2	DUP	<0.005		0.14	PASS
WH12219506	M356214	3	KLAZA 2	2.25		27	PASS
WH12219506	M356217	3	BLANK	<0.005		0.02	PASS
WH12219506	M356220	3	KLAZA 2	2.21		25.9	PASS
WH12219506	M356224	3	BLANK	<0.005		0.06	PASS
WH12219506	M356233	3	COARSE	<0.005		0.07	PASS
WH12219506	M356238	3	DUP	<0.005		0.07	PASS

WH12219507	M356247	4	BLANK	<0.005	0.05	PASS
WH12219507	M356252	4	COARSE	<0.005	0.11	PASS
WH12219507	M356260	4	DUP	<0.005	0.16	PASS
WH12219507	M356262	4	KLAZA 1	4.35	115	PASS
WH12219507	M356270	4	KLAZA 1	4.36	117	PASS
WH12219507	M356278	4	BLANK	<0.005	0.04	PASS
WH12219508	M356285	5	KLAZA 2	2.28	24.7	PASS
WH12219508	M356291	5	BLANK	<0.005	0.18	PASS
WH12219508	M356296	5	COARSE	<0.005	0.1	PASS
WH12219508	M356299	5	KLAZA 1	4.31	119	PASS
WH12219508	M356306	5	DUP	0.017	0.61	PASS
WH12219508	M356314	5	BLANK	<0.005	0.2	PASS
WH12219509	M356323	6	DUP	<0.005	0.35	PASS
WH12219509	M356328	6	KLAZA 1	4.59	116	PASS
WH12219509	M356333	6	BLANK	<0.005	0.04	PASS
WH12219509	M356340	6	COARSE	<0.005	0.07	PASS
WH12219509	M356347	6	KLAZA 1	4.4	116	PASS
WH12219509	M356350	6	BLANK	<0.005	0.02	PASS
WH12223860	M356355	7	BLANK	<0.005	0.47	PASS
WH12223860	M356360	7	KLAZA 1	4.53	117	PASS
WH12223860	M356365	7	COARSE	<0.005	0.18	PASS
WH12223860	M356371	7	BLANK	<0.005	0.02	PASS
WH12223860	M356379	7	KLAZA 1	4.43	113	PASS
WH12223860	M356385	7	DUP	0.006	0.36	PASS
WH12223861	M356393	8	KLAZA 1	4.46	116	PASS
WH12223861	M356398	8	BLANK	<0.005	0.05	PASS
WH12223861	M356407	8	COARSE	0.022	0.85	PASS
WH12223861	M356411	8	BLANK	<0.005	0.03	PASS
WH12223861	M356422	8	KLAZA 1	4.57	119	PASS
WH12223861	M356424	8	DUP	<0.005	0.12	PASS
WH12223862	M356430	9	COARSE	<0.005	0.18	PASS
WH12223862	M356436	9	KLAZA 1	4.45	119	PASS
WH12223862	M356440	9	BLANK	<0.005	0.2	PASS
WH12223862	M356445	9	DUP	0.035	0.85	PASS
WH12223862	M356451	9	KLAZA 1	4.47	120	PASS
WH12223862	M356458	9	BLANK	<0.005	0.04	PASS
WH12223863	M356468	10	BLANK	<0.005	0.04	PASS
WH12223863	M356471	10	COARSE	<0.005	0.13	PASS
WH12223863	M356474	10	BLANK	<0.005	0.05	PASS
WH12219359	M354554	1	KLAZA 1	4.35	123	PASS
WH12219359	M354560	1	BLANK	<0.005	0.01	PASS
WH12219359	M354565	1	DUP	0.02	0.09	PASS
WH12219359	M354571	1	KLAZA 1	4.51	117	PASS
WH12219359	M354577	1	BLANK	<0.005	0.05	PASS
WH12219359	M354582	1	COARSE	0.039	0.72	PASS
WH12219358	M354589	2	KLAZA 1	4.45	117	PASS
WH12219358	M354595	2	BLANK	<0.005	0.01	PASS
WH12219358	M354600	2	DUP	0.072	2.34	PASS
WH12219358	M354605	2	BLANK	<0.005	0.12	PASS
WH12219358	M354611	2	KLAZA 1	4.49	116	PASS
WH12219358	M354617	2	COARSE	0.134	1.92	PASS
WH12220540	M354624	3	DUP	<0.005	0.07	PASS
WH12220540	M354627	3	BLANK	<0.005	0.01	PASS
WH12220540	M354633	3	KLAZA 1	4.51	120	PASS
WH12220540	M354640	3	BLANK	<0.005	0.03	PASS
WH12220540	M354645	3	COARSE	0.104	2.97	PASS
WH12220540	M354651	3	KLAZA 1	4.38		PASS
WH12220541	M354661	4	BLANK	<0.005	0.05	PASS
WH12223864	M356818	1	KLAZA 1	4.56	117	PASS
WH12223864	M356823	1	BLANK	<0.005	0.34	PASS
WH12223864	M356830	1	COARSE	<0.005	0.14	PASS
WH12223864	M356835	1	KLAZA 1	4.34	116	PASS

WH12223864	M356838	1	BLANK	<0.005		0.04	PASS		
WH12223864	M356844	1	DUP	<0.005		0.22	PASS		
WH12223917	M356855	2	KLAZA 1		4.63	117	PASS		
WH12223917	M356859	2	BLANK	<0.005		0.03	PASS		
WH12223917	M356863	2	DUP	<0.005		0.19	PASS		
WH12223917	M356866	2	KLAZA 1		4.5	118	PASS		
WH12223917	M356869	2	BLANK	<0.005		0.03	PASS		
WH12223917	M356879	2	COARSE	<0.005		0.12	PASS		
WH12223918/WH12235190	M356888	3	KLAZA 1		3.28	119	FAIL	4.39	PASS
WH12223918/WH12235190	M356891	3	BLANK	<0.005		0.09	PASS	<0.005	PASS
WH12223918/WH12235190	M356898	3	DUP		0.005	3.26	PASS	0.005	PASS
WH12223918/WH12235190	M356903	3	BLANK	<0.005		0.02	PASS	<0.005	PASS
WH12223918/WH12235190	M356909	3	KLAZA 1		4.44	121	PASS	4.35	PASS
WH12223918/WH12235190	M356919	3	COARSE	<0.005		0.08	PASS	<0.005	PASS
WH12223919	M356928	4	DUP	<0.005		0.11	PASS		
WH12223919	M356933	4	BLANK	<0.005		0.02	PASS		
WH12223919	M356938	4	KLAZA 1		4.61	113	PASS		
WH12223919	M356945	4	BLANK	<0.005		0.03	PASS		
WH12223919	M356952	4	COARSE	<0.005		0.13	PASS		
WH12223919	M356955	4	KLAZA 1		4.48	118	PASS		
WH12224020	M356962	5	KLAZA 1		4.53	120	PASS		
WH12224020	M356967	5	BLANK	<0.005		0.02	PASS		
WH12224020	M356974	5	COARSE		0.005	0.45	PASS		
WH12224020	M356980	5	KLAZA 1		4.48	120	PASS		
WH12224020	M356986	5	BLANK	<0.005		0.02	PASS		
WH12224020	M356989	5	DUP	<0.005		0.11	PASS		
WH12224022	M356997	6	BLANK		0.006	0.01	PASS		
WH12224022	N812738	6	KLAZA 1		4.56	118	PASS		
WH12224022	N812744	6	DUP	<0.005		0.11	PASS		
WH12224022	N812751	6	COARSE	<0.005		0.1	PASS		
WH12224022	N812757	6	BLANK	<0.005		0.01	PASS		
WH12224022	N812761	6	KLAZA 1		4.44	119	PASS		
WH12224021	N812766	7	KLAZA 1		4.57	117	PASS		
WH12224021	N812769	7	BLANK		0.006	0.05	PASS		
WH12224021	N812776	7	COARSE	<0.005		0.36	PASS		
WH12224021	N812780	7	BLANK	<0.005		0.02	PASS		
WH12224021	N812787	7	KLAZA 1		4.52	119	PASS		